

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089865.D
 Acq On : 24 Aug 2016 11:03
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:38:42 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	464240	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1814249	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	862897	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	1601678	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	1301776	20.00	ng	-0.02
86) Perylene-d12	15.37	264	1135876	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	2088575	75.06	ng	-0.05
7) Phenol-d6	6.31	99	2668354	75.40	ng	-0.02
23) Nitrobenzene-d5	7.24	82	2441224	82.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	626795	75.08	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3569575	66.38	ng	-0.03
78) Terphenyl-d14	12.78	244	3376580	77.49	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.10	88	548631	38.20	ng	93
3) Pyridine	2.74	79	1501251	40.56	ng	91
4) n-Nitrosodimethylamine	2.70	42	539650	36.32	ng	# 87
6) Aniline	6.33	93	1884273	39.61	ng	99
8) 2-Chlorophenol	6.44	128	1242736	37.55	ng	97
9) Benzaldehyde	6.20	77	819542	34.94	ng	91
10) Phenol	6.32	94	1496040	33.96	ng	98
11) bis(2-Chloroethyl)ether	6.41	93	1212324	37.14	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1326189	37.49	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1398091	39.01	ng	99
14) 1,2-Dichlorobenzene	6.84	146	1344929	39.36	ng	99
15) Benzyl Alcohol	6.82	79	954857	40.37	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1489090	34.77	ng	92
17) 2-Methylphenol	6.94	107	1071517	40.75	ng	96
18) Hexachloroethane	7.19	117	523531	39.86	ng	95
19) n-Nitroso-di-n-propylamine	7.10	70	775475	33.46	ng	91
20) 3+4-Methylphenols	7.10	107	1410771	41.90	ng	# 51
22) Acetophenone	7.08	105	1616859	38.34	ng	# 89
24) Nitrobenzene	7.26	77	1250537	37.42	ng	98
25) Isophorone	7.50	82	2346880	39.48	ng	99
26) 2-Nitrophenol	7.58	139	778182	49.48	ng	# 91
27) 2,4-Dimethylphenol	7.62	122	1221754	40.99	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	1545350	42.78	ng	# 95
29) 2,4-Dichlorophenol	7.82	162	1059499	42.69	ng	96
30) 1,2,4-Trichlorobenzene	7.90	180	1097954	41.21	ng	100
31) Naphthalene	7.98	128	3218409	39.52	ng	99
32) Benzoic acid	7.75	122	790137	34.09	ng	94
33) 4-Chloroaniline	8.03	127	1664388	44.17	ng	# 94
34) Hexachlorobutadiene	8.10	225	576476	41.19	ng	99
35) Caprolactam	8.41	113	300543	39.29	ng	95
36) 4-Chloro-3-methylphenol	8.51	107	1071952	39.68	ng	89
37) 2-Methylnaphthalene	8.67	142	2438993	44.00	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	1109962	40.01	ng	# 97
40) Hexachlorocyclopentadiene	8.83	237	438640	35.48	ng	98

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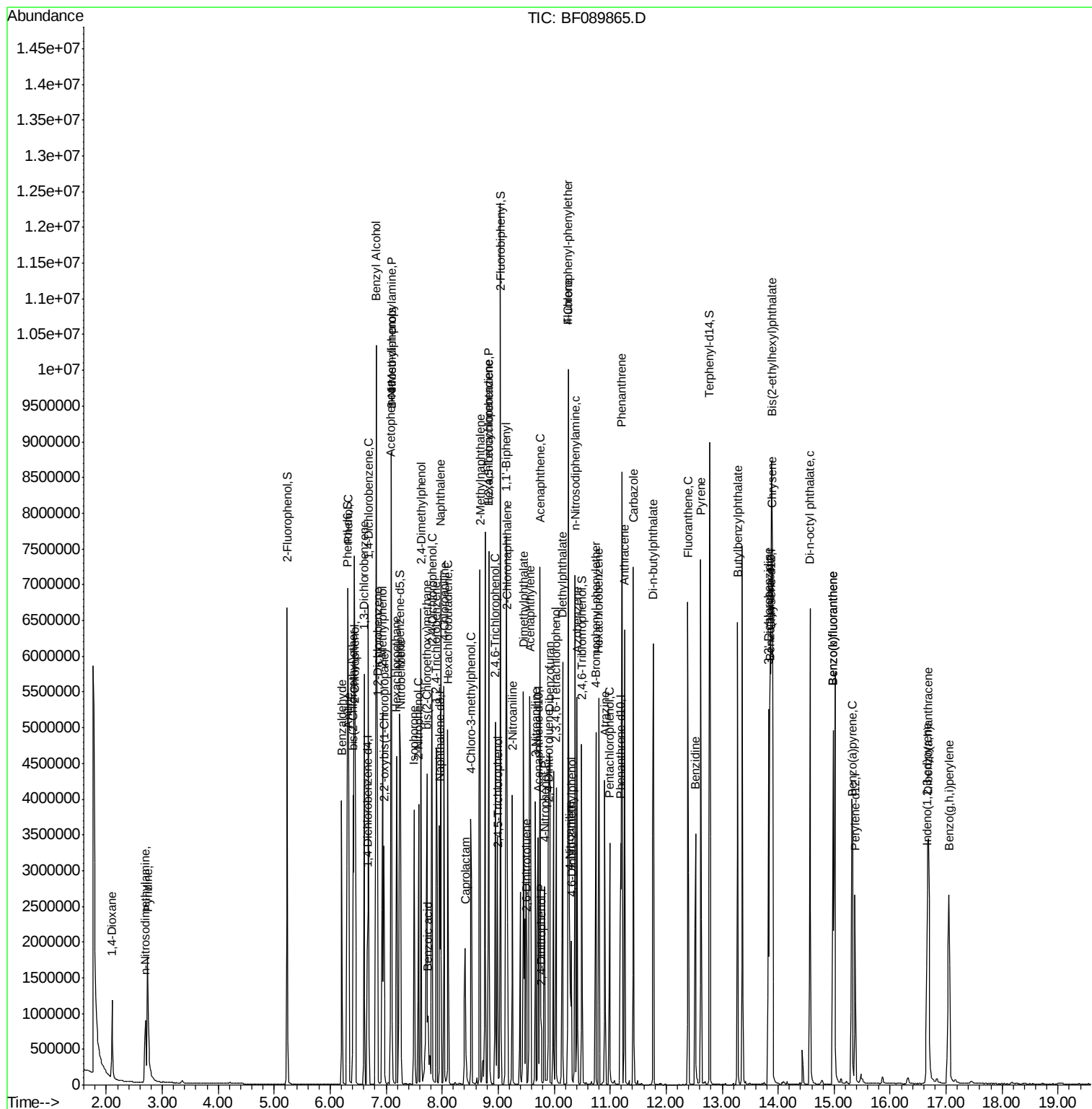
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	704945	39.34	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	758720	44.40	nq	# 93
45) 1,1'-Biphenyl	9.14	154	2835403	39.67	nq	94
46) 2-Chloronaphthalene	9.15	162	2024345	37.80	nq	99
47) 2-Nitroaniline	9.26	65	682753	41.84	nq	# 76
48) Acenaphthylene	9.56	152	3310224	40.15	nq	99
49) Dimethylphthalate	9.45	163	2610105	41.80	nq	100
50) 2,6-Dinitrotoluene	9.51	165	585872	41.46	nq	# 59
51) Acenaphthene	9.75	154	2232995	40.14	nq	99
52) 3-Nitroaniline	9.67	138	723969	44.06	nq	90
53) 2,4-Dinitrophenol	9.77	184	197085	32.31	nq	# 65
54) Dibenzofuran	9.92	168	2834450	41.40	nq	# 88
55) 4-Nitrophenol	9.83	139	558433	44.18	nq	96
56) 2,4-Dinitrotoluene	9.90	165	651225	35.85	nq	# 69
57) Fluorene	10.25	166	2129198	38.50	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	538517	40.35	nq	96
59) Diethylphthalate	10.15	149	2498045	39.46	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	872144	32.12	nq	93
61) 4-Nitroaniline	10.27	138	693936	43.50	nq	95
62) Azobenzene	10.41	77	2219292	37.10	nq	94
64) 4,6-Dinitro-2-methylphenol	10.31	198	364869	39.23	nq	# 72
65) n-Nitrosodiphenylamine	10.38	169	2125385	42.29	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	660168	39.80	nq	# 84
67) Hexachlorobenzene	10.80	284	693751	37.62	nq	# 82
68) Atrazine	10.90	200	565302	37.13	nq	97
69) Pentachlorophenol	10.99	266	429499	37.39	nq	99
70) Phenanthrene	11.21	178	3178607	40.38	nq	97
71) Anthracene	11.26	178	3223889	39.19	nq	99
72) Carbazole	11.42	167	2801880	35.95	nq	98
73) Di-n-butylphthalate	11.77	149	4022131	42.43	nq	# 98
74) Fluoranthene	12.39	202	3164480	40.00	nq	93
76) Benzidine	12.53	184	1777424	38.04	nq	97
77) Pyrene	12.62	202	3189949	37.45	nq	98
79) Butylbenzylphthalate	13.28	149	1886502	44.14	nq	95
80) Benzo(a)anthracene	13.85	228	2961879	39.16	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	1107396	40.18	nq	96
82) Chrysene	13.90	228	2485689	36.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2355528	41.65	nq	98
84) Di-n-octyl phthalate	14.57	149	4028368	45.82	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.66	276	2579139	44.47	nq	100
87) Benzo(b)fluoranthene	14.98	252	2528425	35.13	nq	99
88) Benzo(k)fluoranthene	14.98	252	2528425	42.68	nq	99
89) Benzo(a)pyrene	15.33	252	2426620	40.84	nq	# 94
90) Dibenzo(a,h)anthracene	16.69	278	2154848	46.06	nq	97
91) Benzo(g,h,i)perylene	17.05	276	2185237	45.89	nq	100

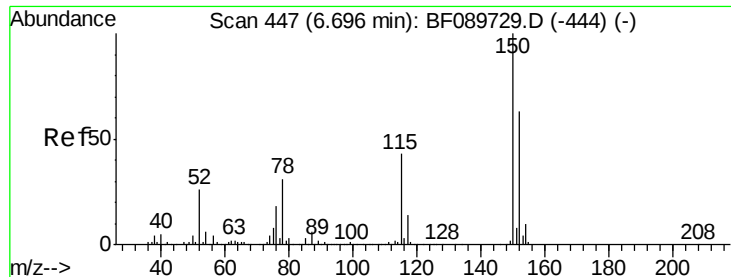
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

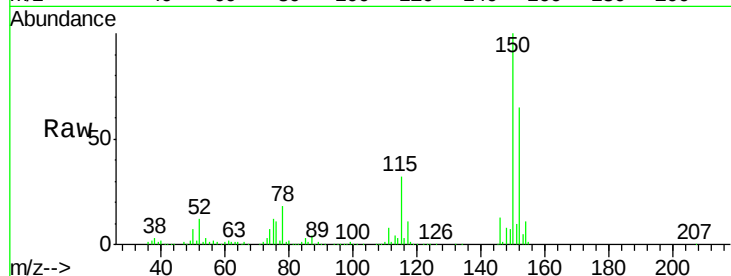
Tot Ion:152 Resp: 464240

Ion Ratio Lower Upper

152 100

150 154.7 125.3 187.9

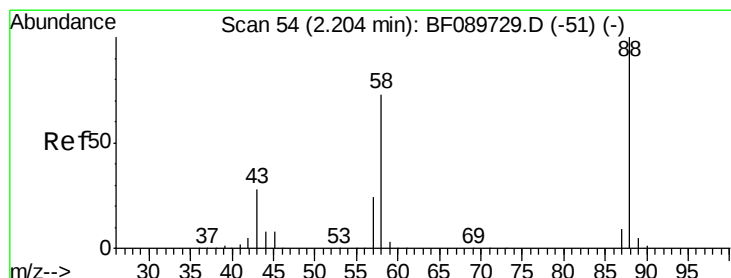
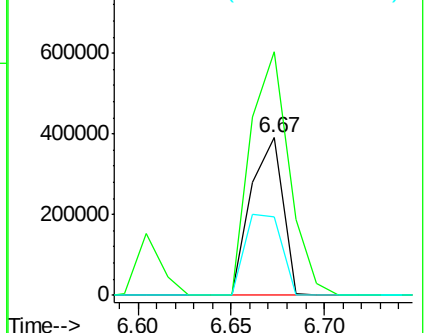
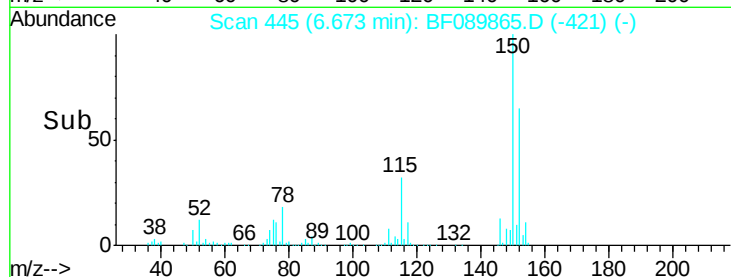
115 50.0 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 38.20 ng

RT: 2.10 min Scan# 45

Delta R.T. -0.10 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

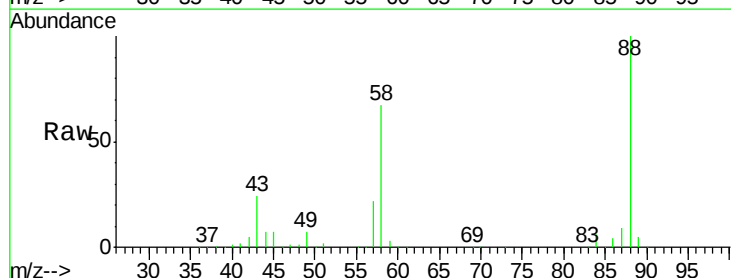
Tgt Ion: 88 Resp: 548631

Ion Ratio Lower Upper

88 100

58 65.0 57.0 85.4

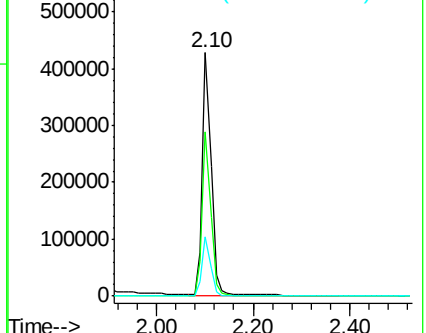
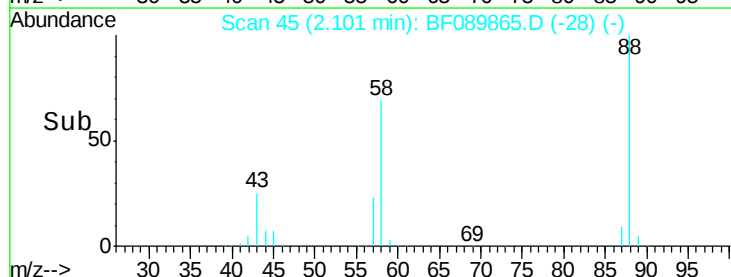
43 23.8 21.8 32.8

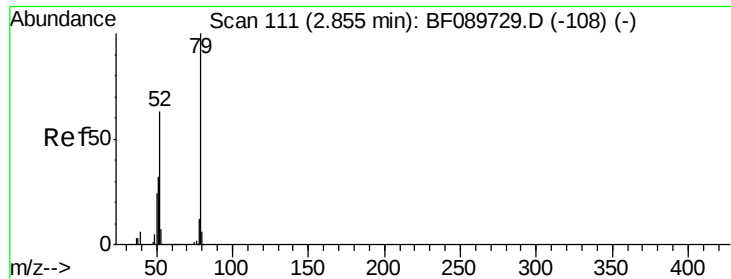


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



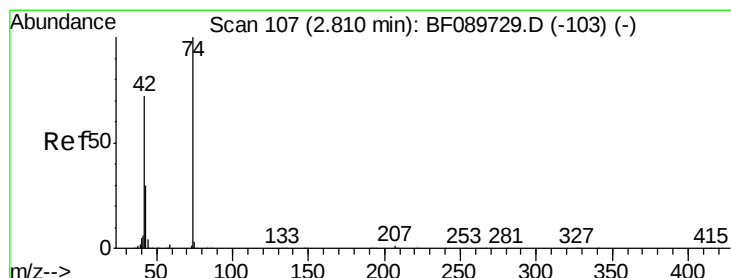
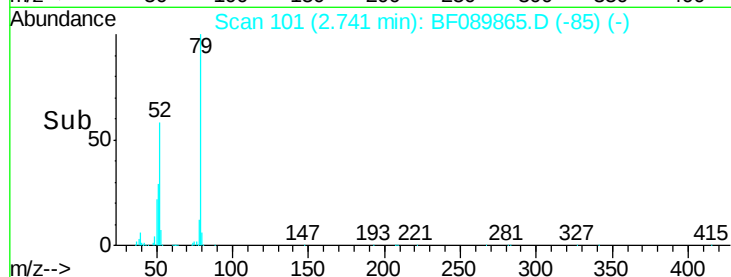
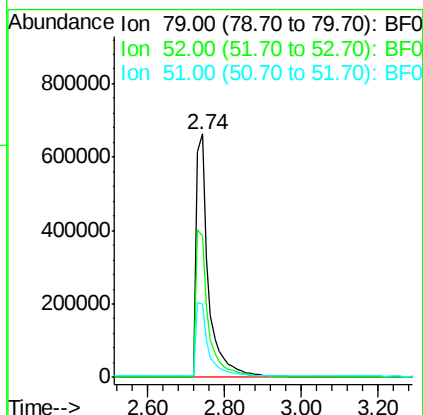
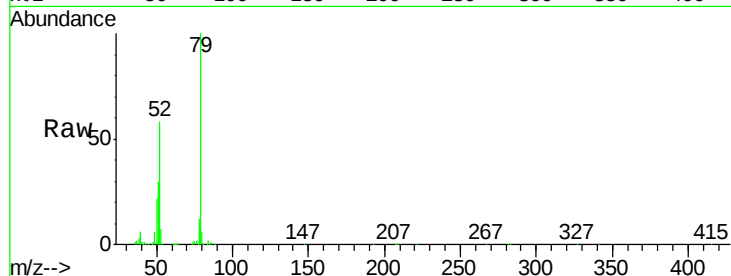


#3
Pvridine
Concen: 40.56 ng
RT: 2.74 min Scan# 101
Delta R.T. -0.11 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 1501251

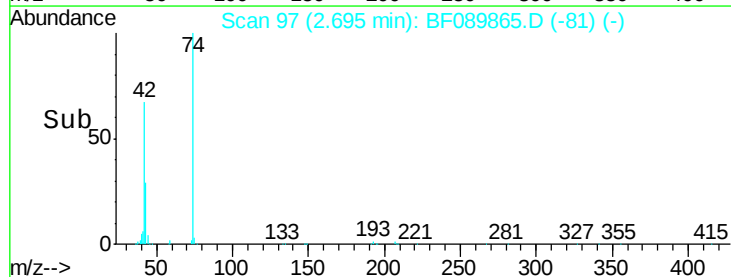
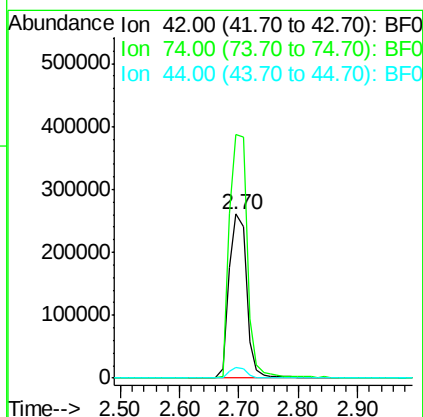
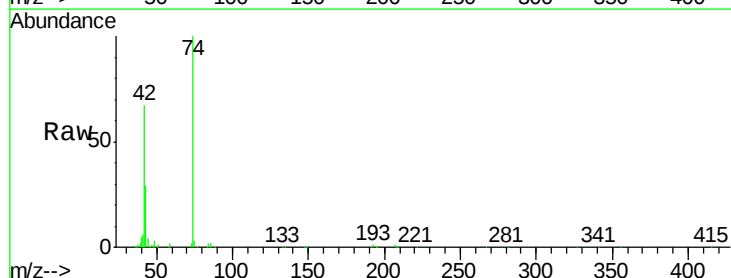
Ion	Ratio	Lower	Upper
79	100		
52	58.2	53.6	80.4
51	30.0	26.6	39.8

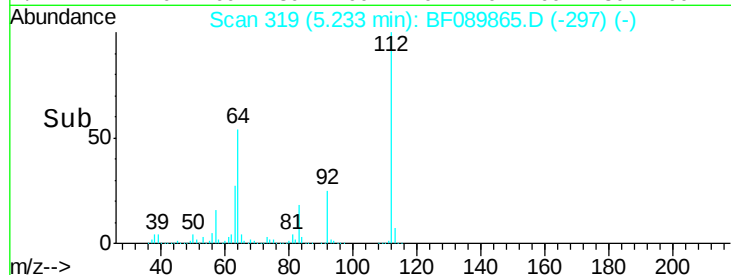
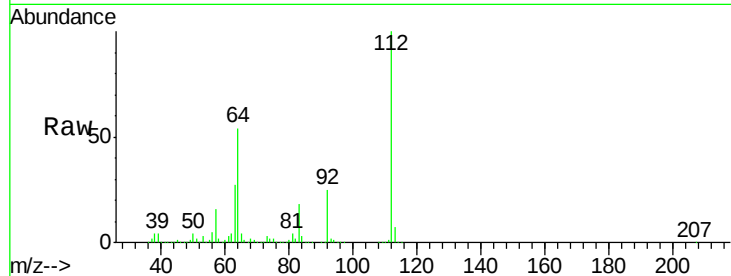
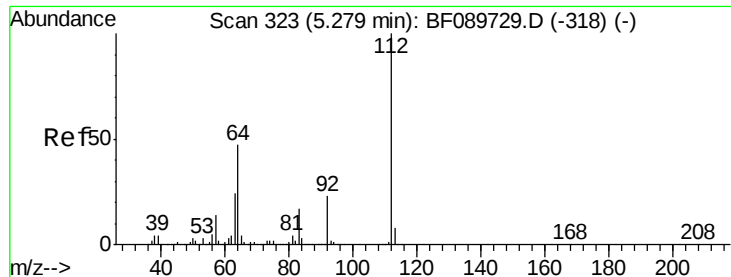


#4
n-Nitrosodimethylamine
Concen: 36.32 ng
RT: 2.70 min Scan# 97
Delta R.T. -0.11 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion: 42 Resp: 539650

Ion	Ratio	Lower	Upper
42	100		
74	148.7	106.2	159.2
44	6.4	6.9	10.3

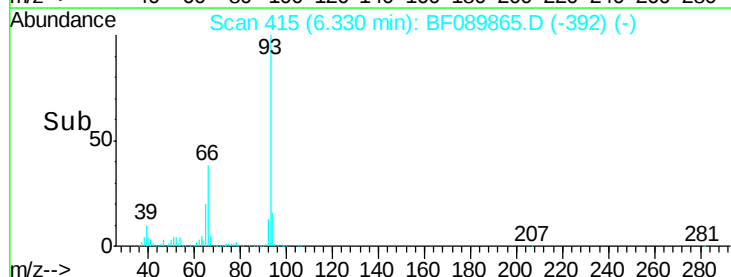
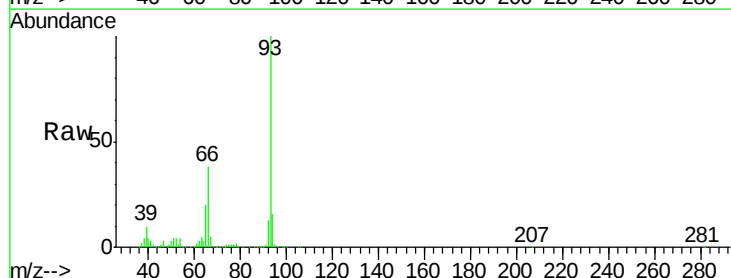
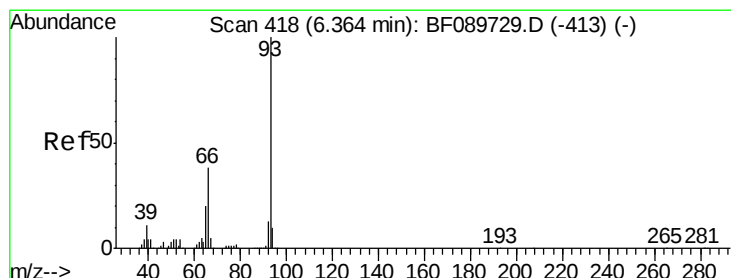
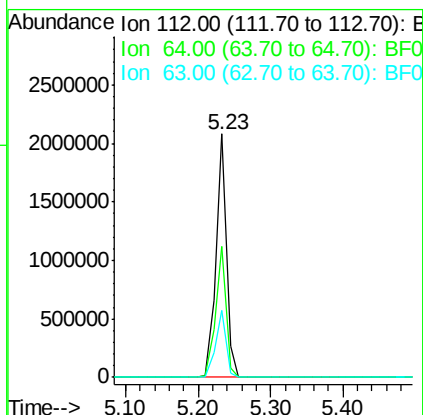




#5
2-Fluorophenol
Concen: 75.06 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.05 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

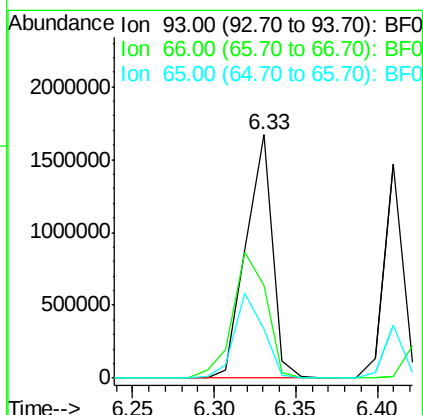
Instrument :
BNA_F
ClientSampleId :

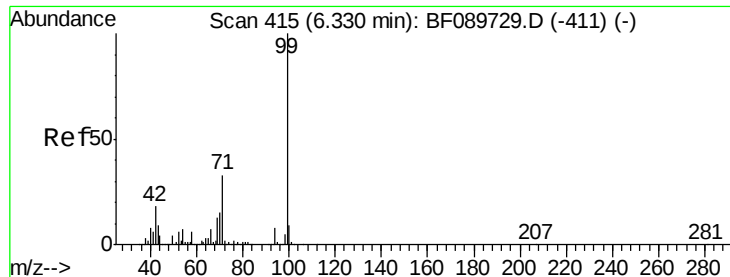
Tot Ion:112 Resp: 2088575
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 27.3 23.1 34.7



#6
Aniline
Concen: 39.61 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion: 93 Resp: 1884273
Ion Ratio Lower Upper
93 100
66 38.0 30.6 46.0
65 19.9 15.4 23.2





#7

Phenol-d6

Concen: 75.40 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampled :

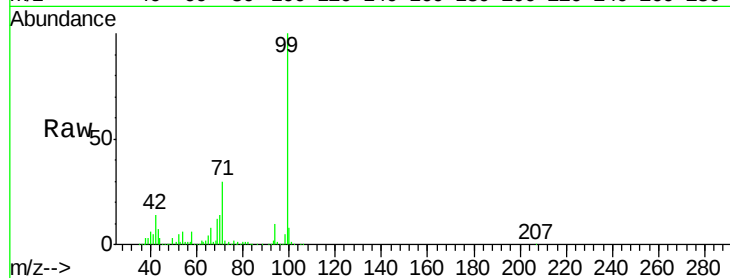
Tot Ion: 99 Resp: 2668354

Ion Ratio Lower Upper

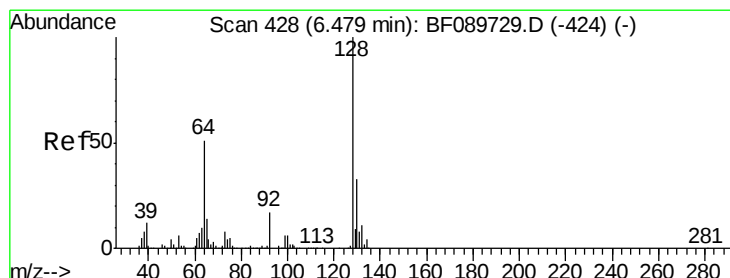
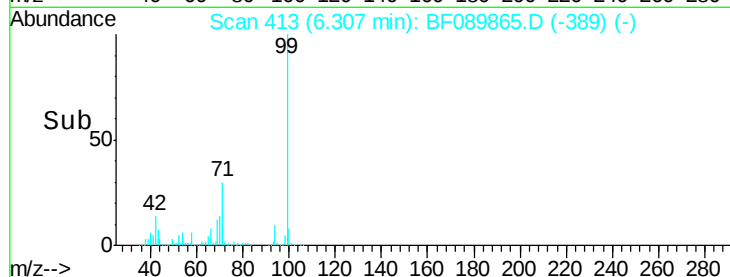
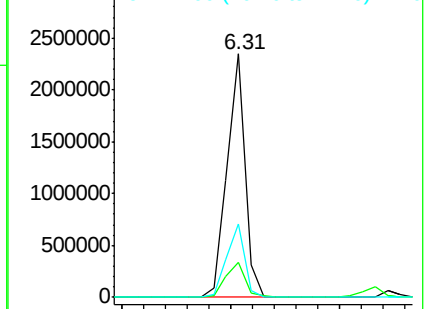
99 100

42 14.2 12.2 18.4

71 30.4 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.55 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

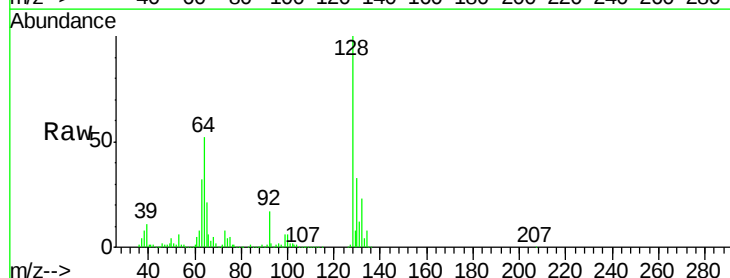
Tgt Ion: 128 Resp: 1242736

Ion Ratio Lower Upper

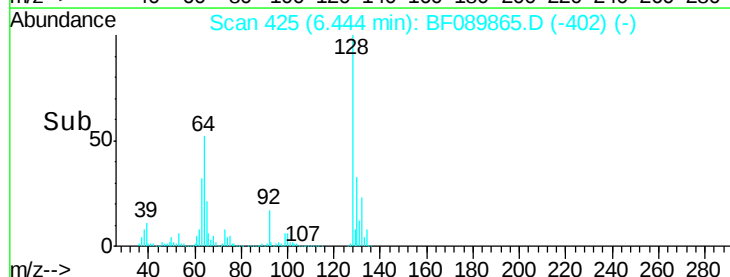
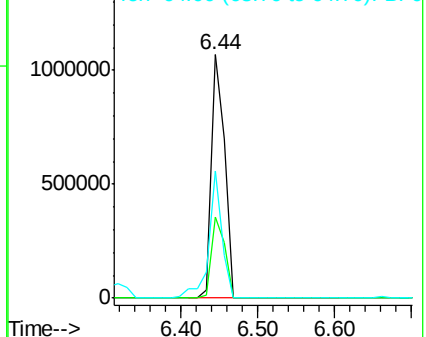
128 100

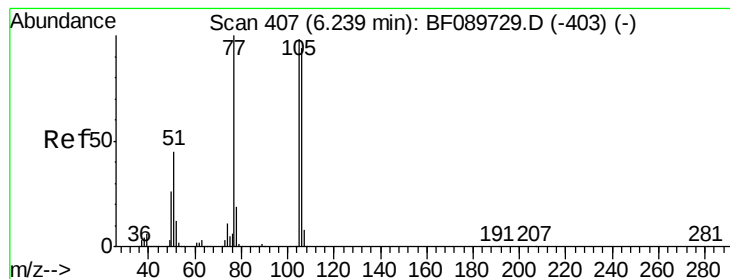
130 33.0 12.0 52.0

64 52.0 35.1 75.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.94 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

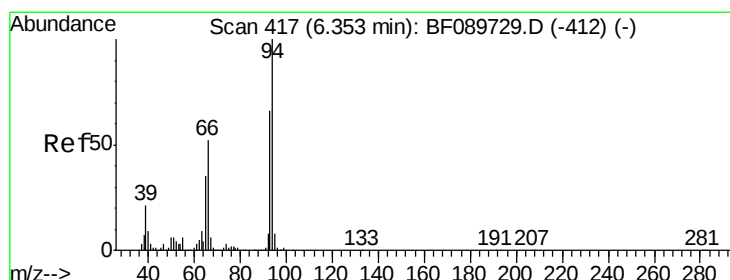
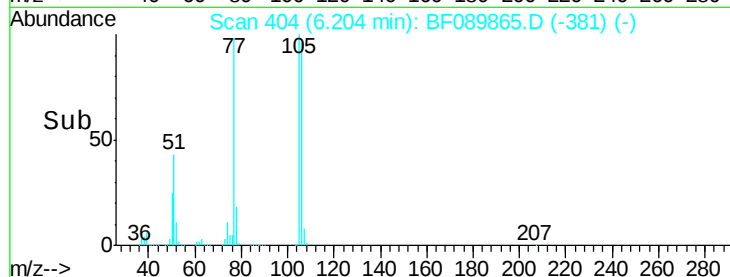
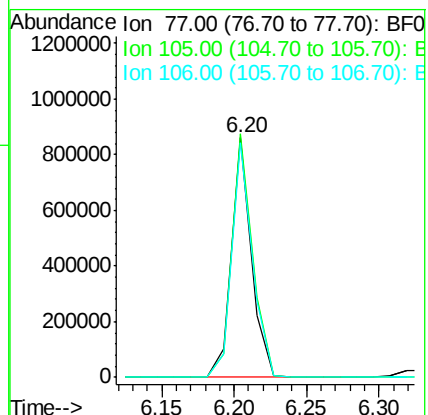
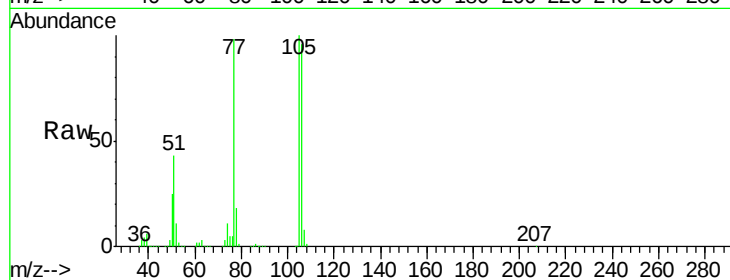
Tot Ion: 77 Resp: 819542

Ion Ratio Lower Upper

77 100

105 101.6 73.3 113.3

106 97.7 68.6 108.6



#10

Phenol

Concen: 33.96 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

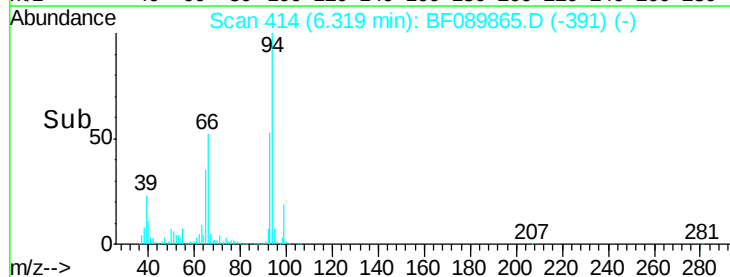
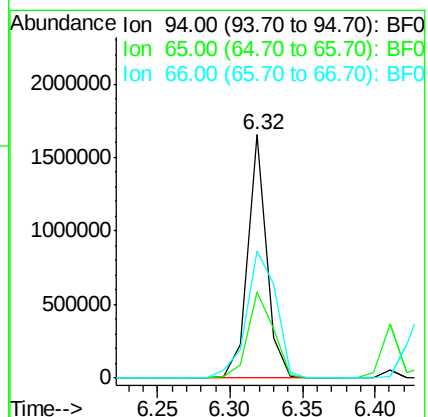
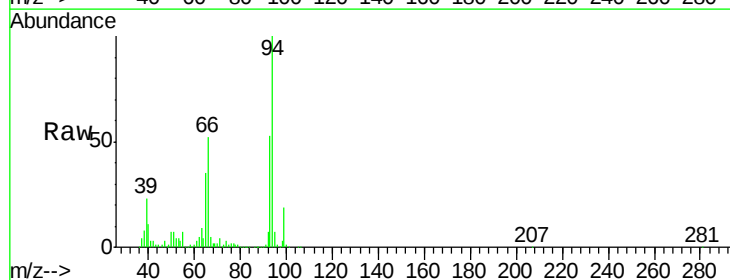
Tgt Ion: 94 Resp: 1496040

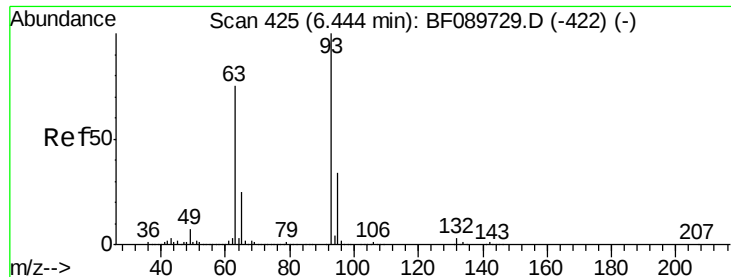
Ion Ratio Lower Upper

94 100

65 35.3 14.0 54.0

66 52.0 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 37.14 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

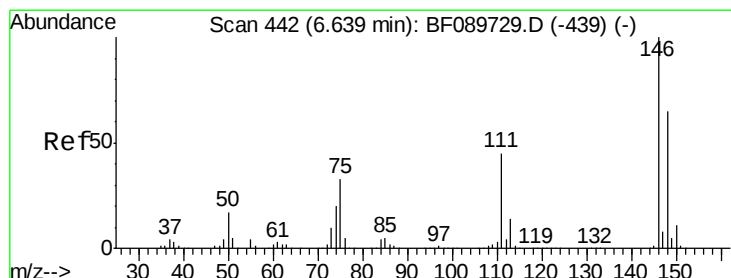
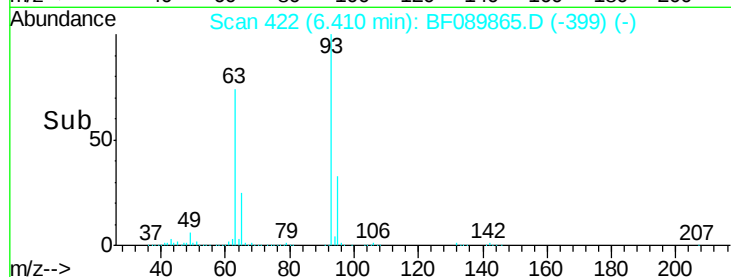
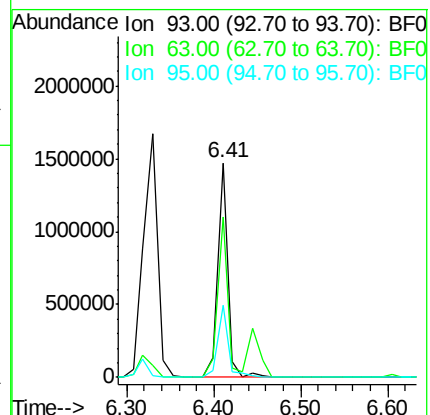
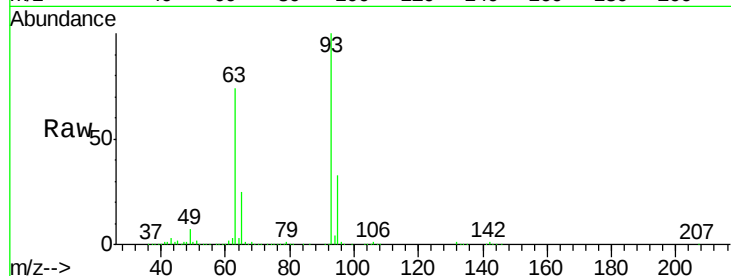
Tot Ion: 93 Resp: 1212324

Ion Ratio Lower Upper

93 100

63 74.5 55.8 95.8

95 33.4 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 37.49 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

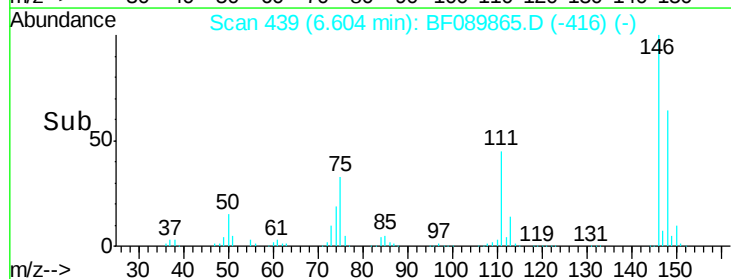
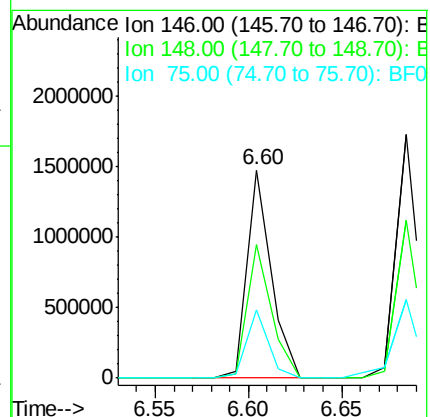
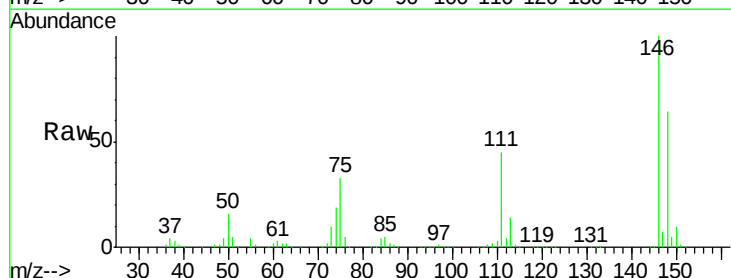
Tgt Ion: 146 Resp: 1326189

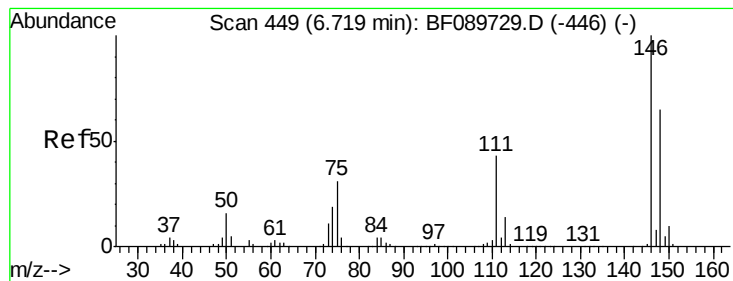
Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.4

75 32.7 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 39.01 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampled :

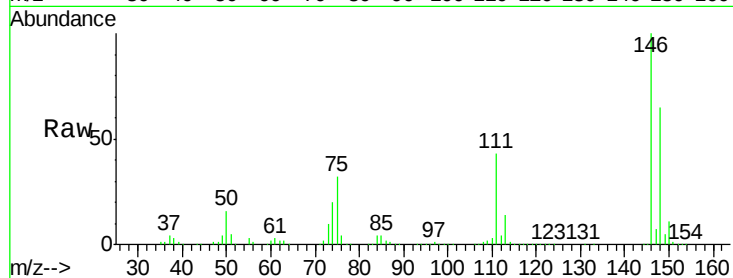
Tot Ion:146 Resp: 1398091

Ion Ratio Lower Upper

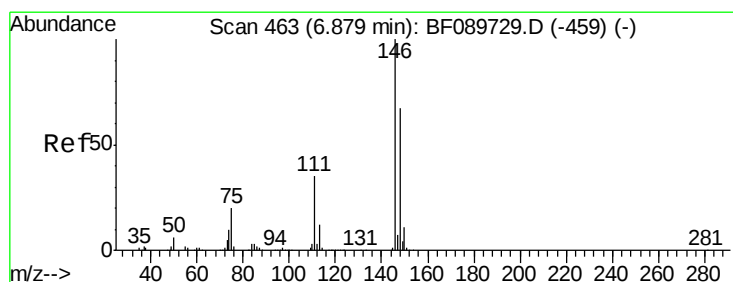
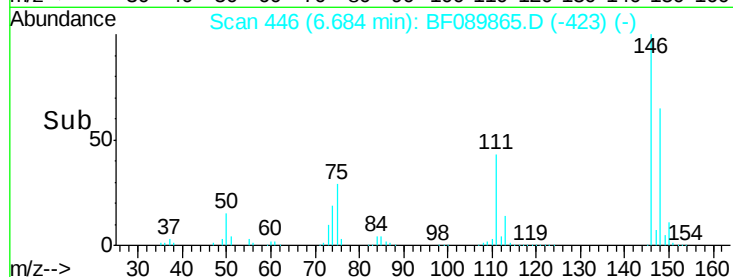
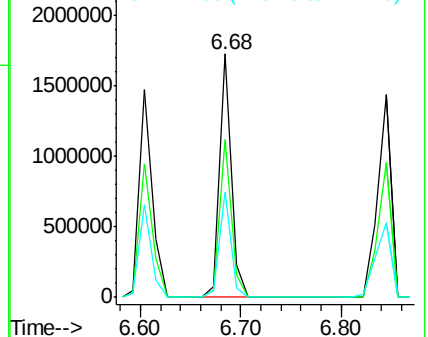
146 100

148 64.8 51.0 76.6

111 43.4 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.36 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

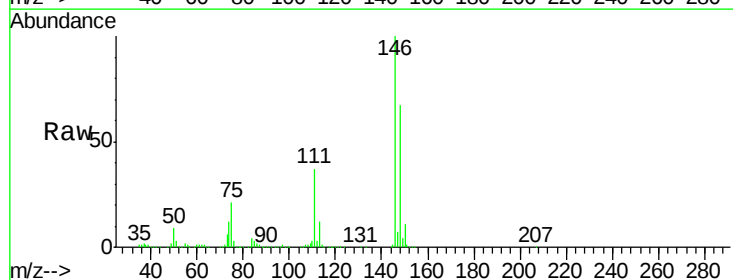
Tgt Ion:146 Resp: 1344929

Ion Ratio Lower Upper

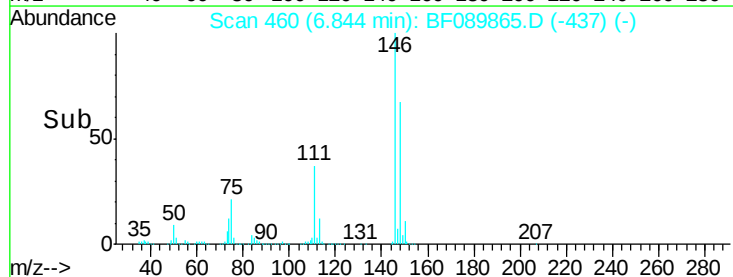
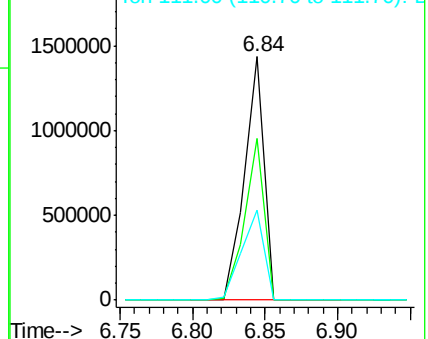
146 100

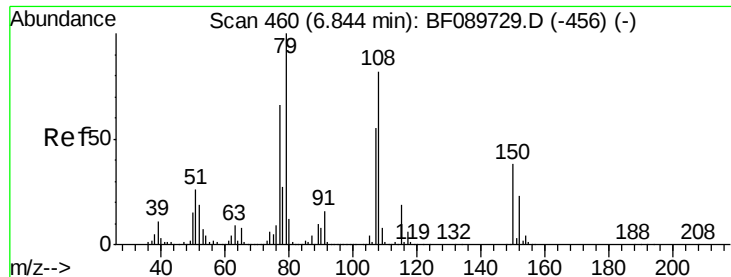
148 66.5 52.2 78.2

111 36.9 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.37 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

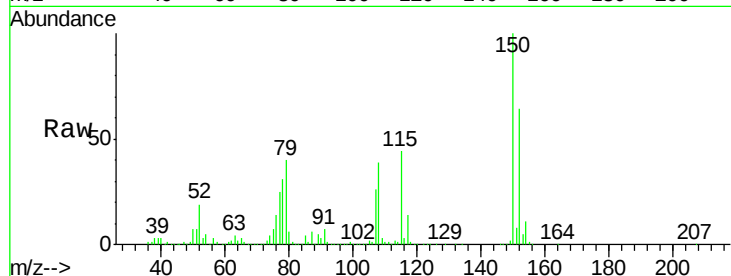
Tot Ion: 79 Resp: 954857

Ion Ratio Lower Upper

79 100

108 97.6 62.5 93.7#

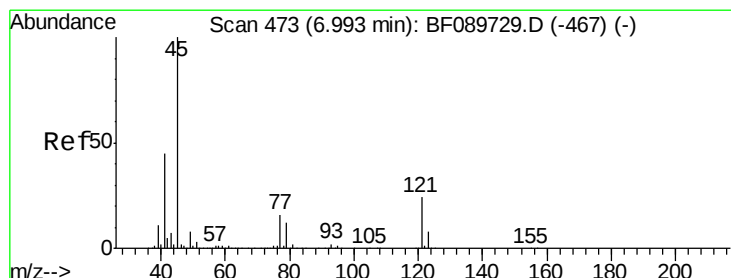
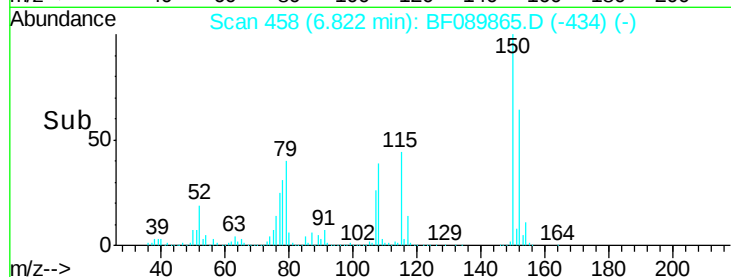
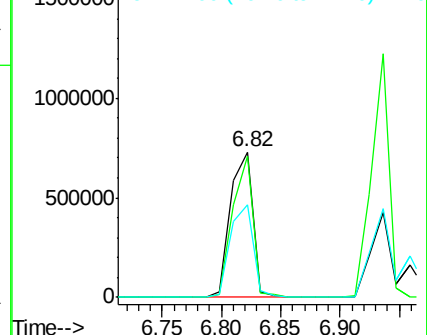
77 63.9 51.5 77.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.77 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

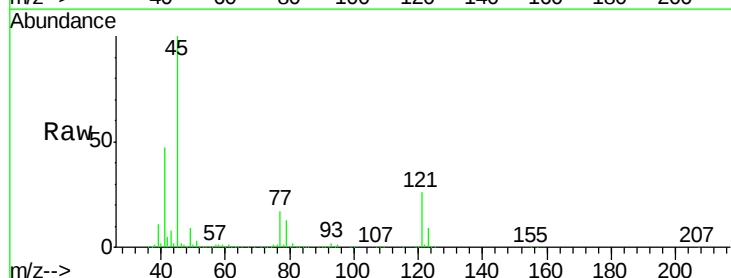
Tgt Ion: 45 Resp: 1489090

Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.5

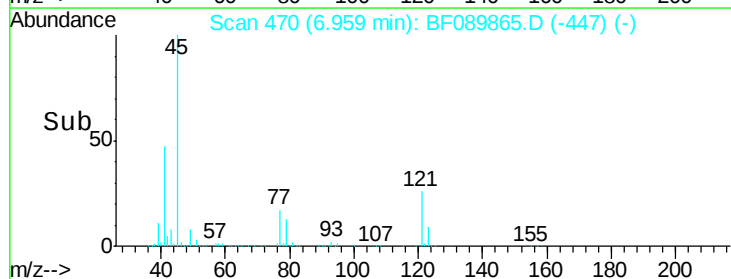
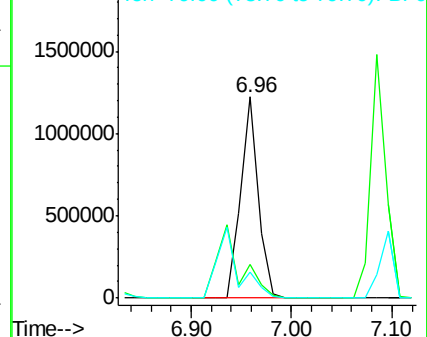
79 13.2 0.0 30.7

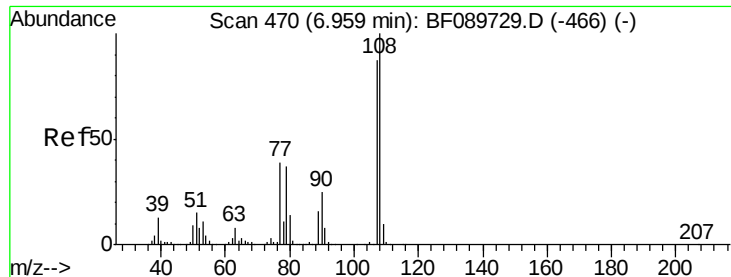


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 40.75 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 1071517

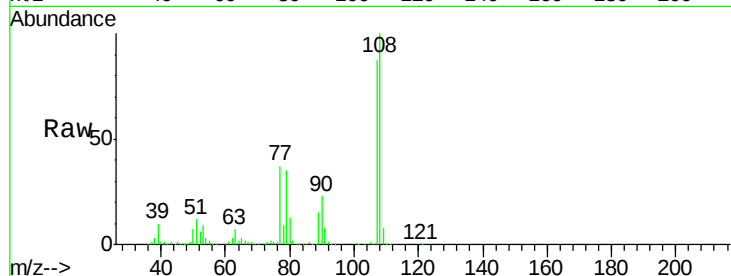
Ion Ratio Lower Upper

107 100

108 114.9 91.0 136.4

77 42.1 37.4 56.0

79 40.4 36.6 55.0

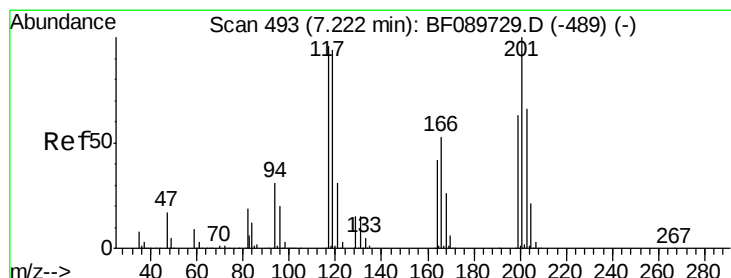
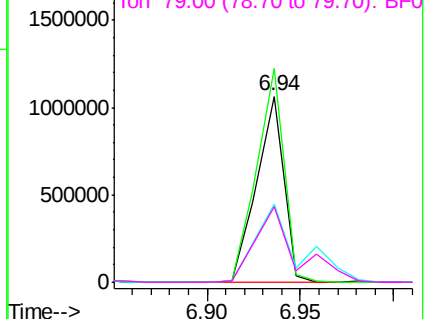
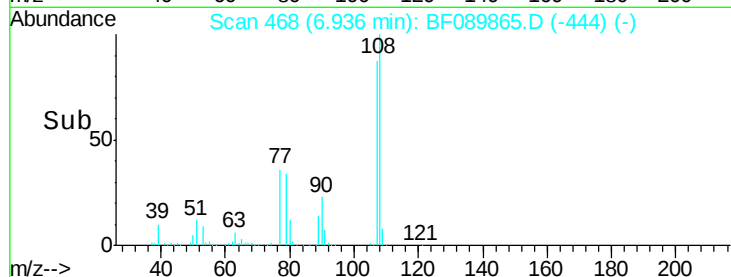


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.86 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

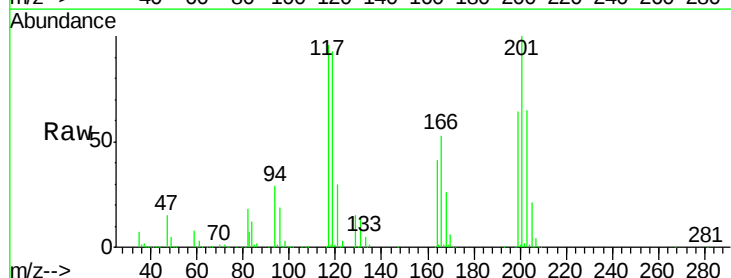
Tgt Ion:117 Resp: 523531

Ion Ratio Lower Upper

117 100

119 97.6 77.1 115.7

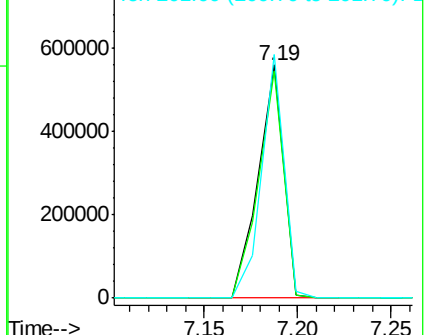
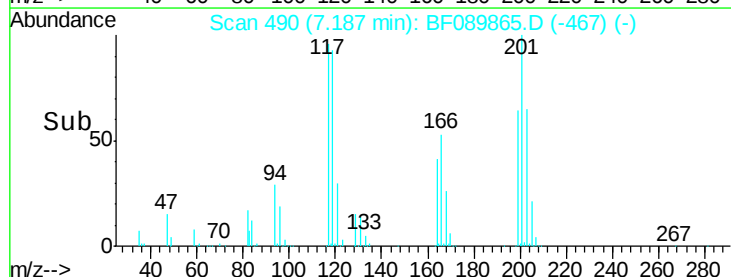
201 104.5 76.9 115.3

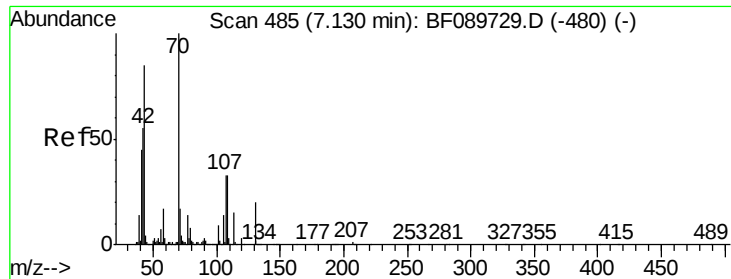


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

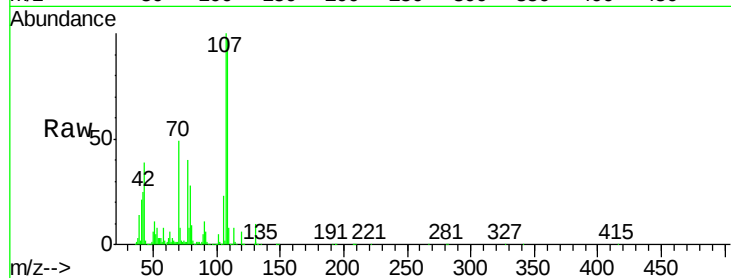




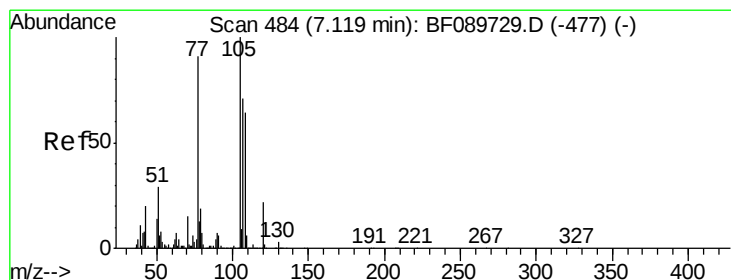
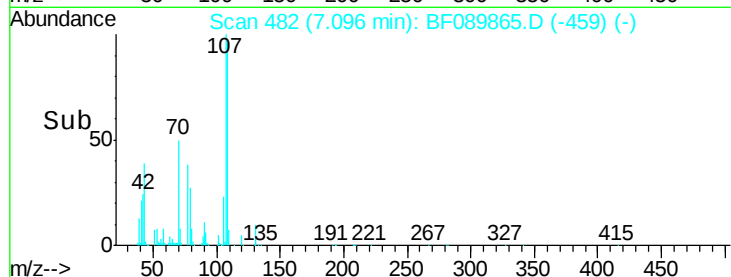
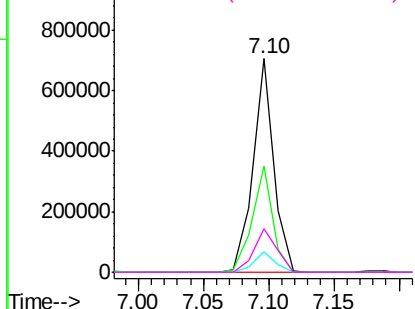
#19
n-Nitroso-di-n-propylamine
Concen: 33.46 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	775475
Ion	Ratio	Lower	Upper
70	100		
42	49.6	46.3	69.5
101	9.7	7.0	10.6
130	20.6	14.4	21.6

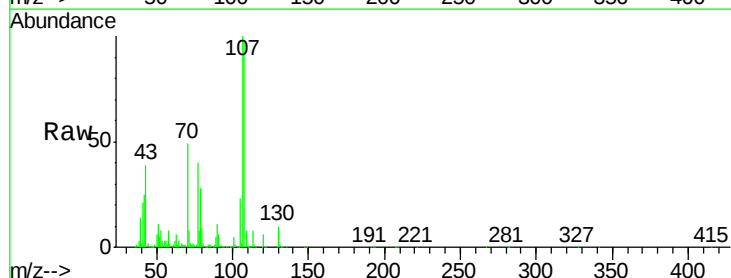


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

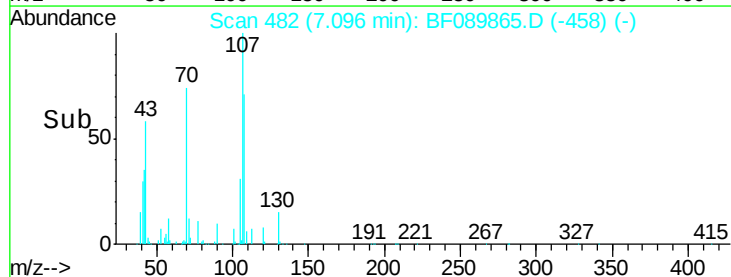
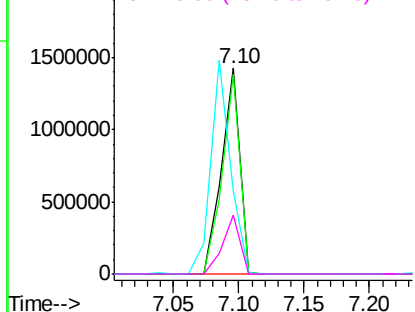


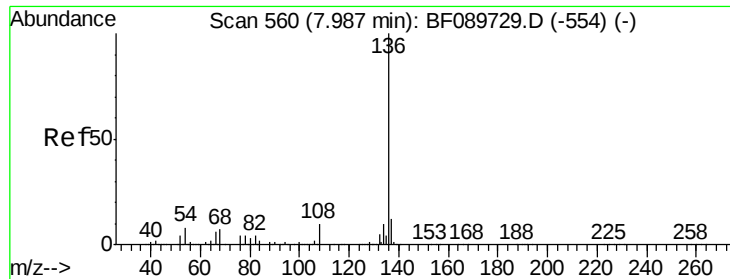
#20
3+4-Methylphenols
Concen: 41.90 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:	107	Resp:	1410771
Ion	Ratio	Lower	Upper
107	100		
108	96.9	68.2	108.2
77	40.2	122.3	162.3#
79	28.4	8.2	48.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0



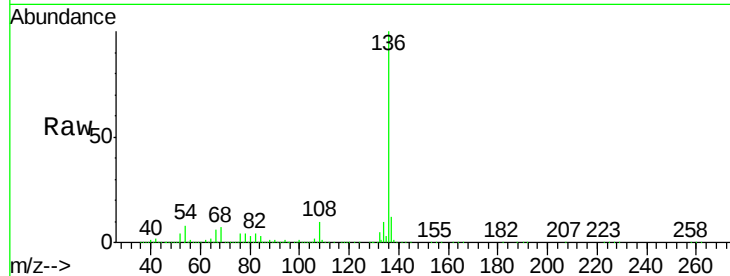


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

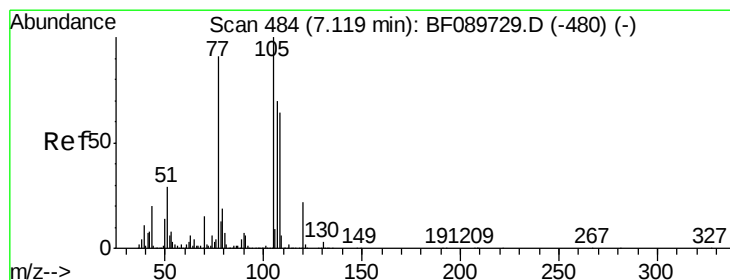
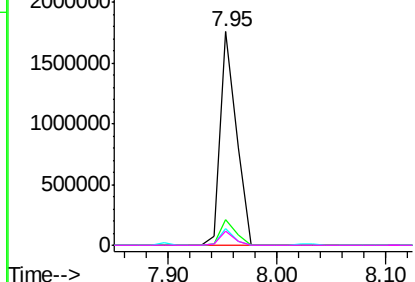
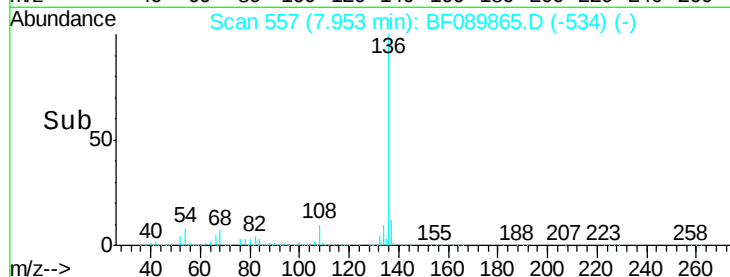
Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 1814249

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.6	7.2	10.8
68	6.8	5.8	8.8



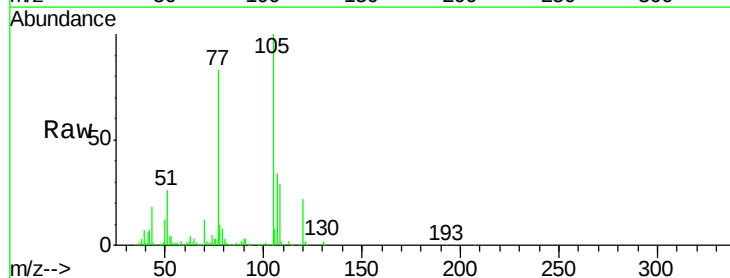
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



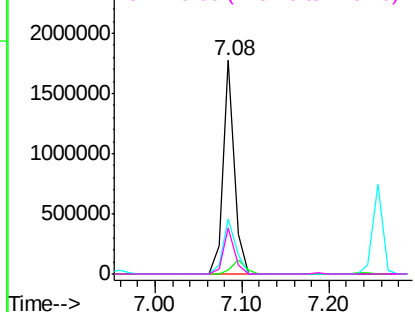
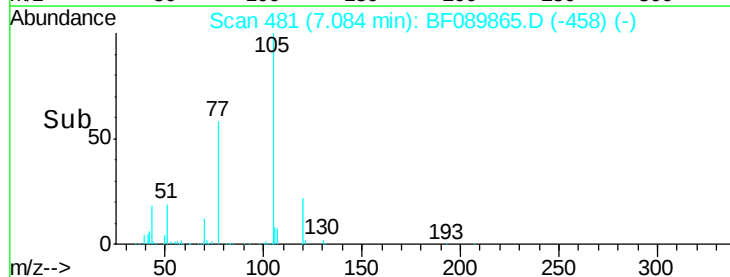
#22
Acetophenone
Concen: 38.34 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

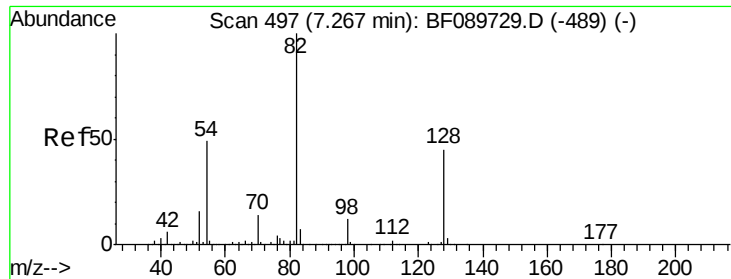
Tgt Ion:105 Resp: 1616859

Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.9	2.9
51	25.8	28.5	42.7#
120	21.8	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

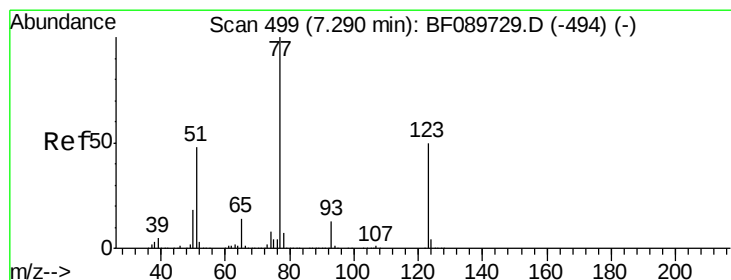
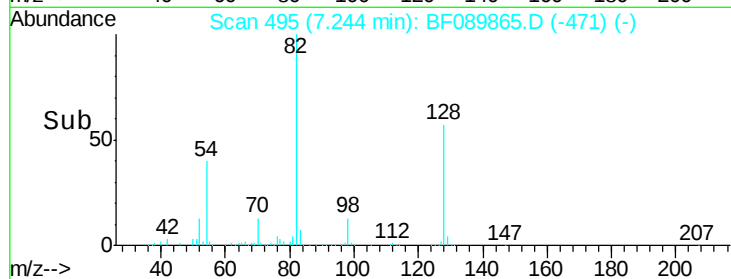
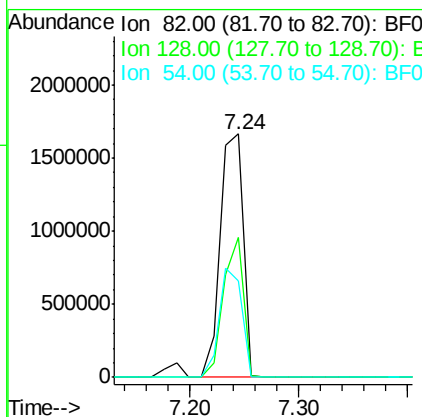
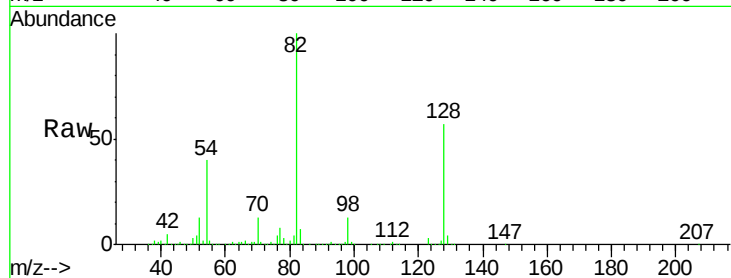




#23
Nitrobenzene-d5
Concen: 82.16 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

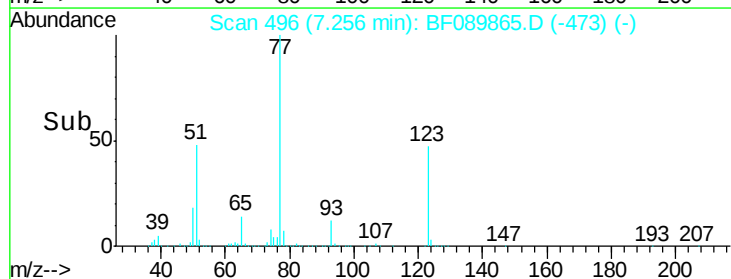
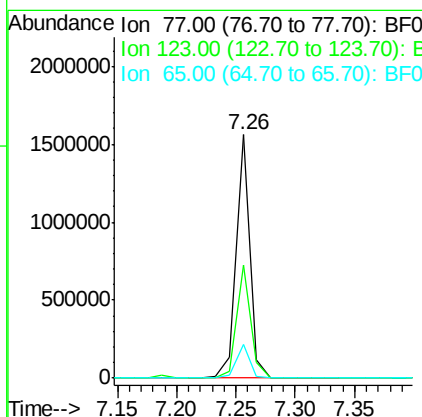
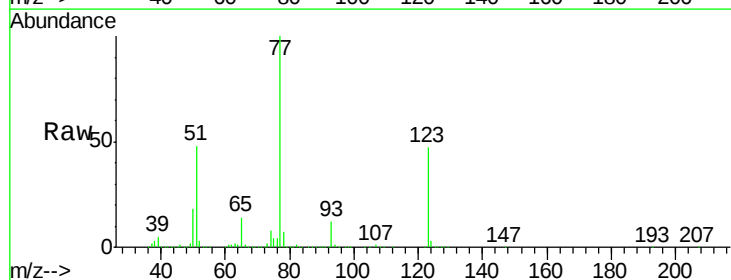
Instrument :
BNA_F
ClientSampleId :

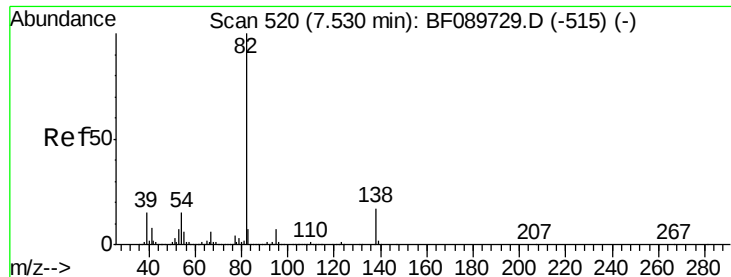
Tot Ion: 82 Resp: 2441224
Ion Ratio Lower Upper
82 100
128 57.5 34.4 51.6#
54 39.9 40.3 60.5#



#24
Nitrobenzene
Concen: 37.42 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion: 77 Resp: 1250537
Ion Ratio Lower Upper
77 100
123 46.6 36.2 54.2
65 13.7 10.6 15.8





#25

Isophorone

Concen: 39.48 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

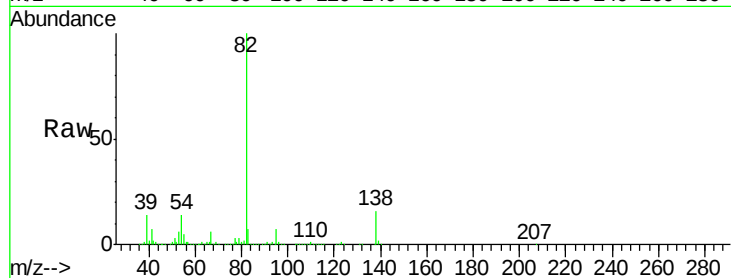
Tot Ion: 82 Resp: 2346880

Ion Ratio Lower Upper

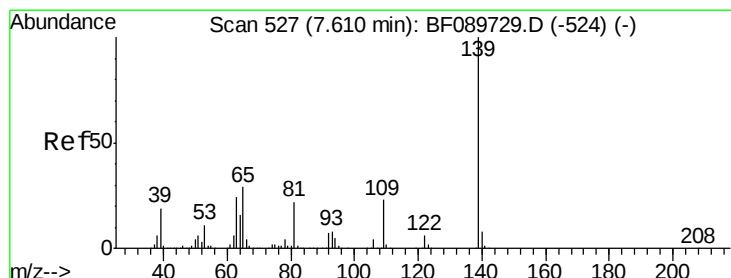
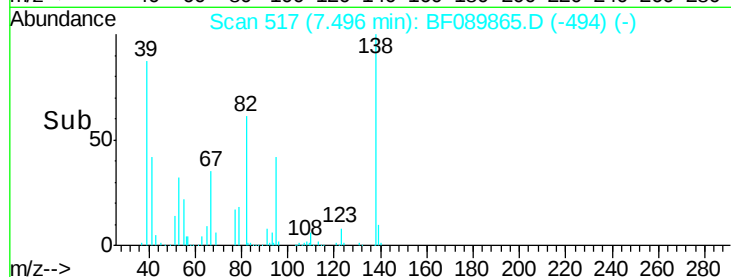
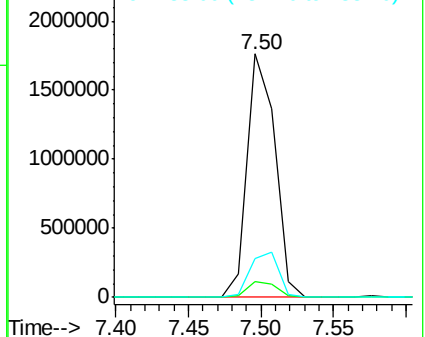
82 100

95 6.6 5.3 7.9

138 15.9 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.48 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

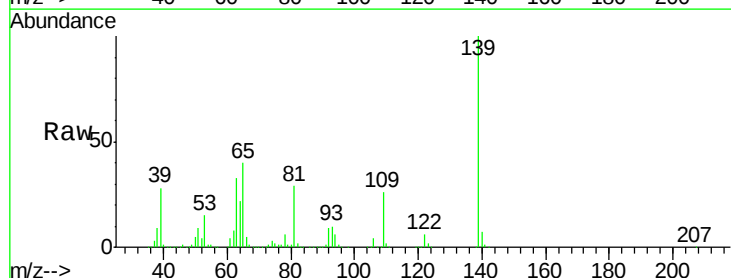
Tgt Ion: 139 Resp: 778182

Ion Ratio Lower Upper

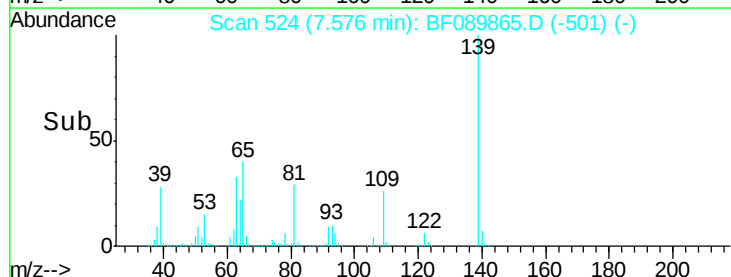
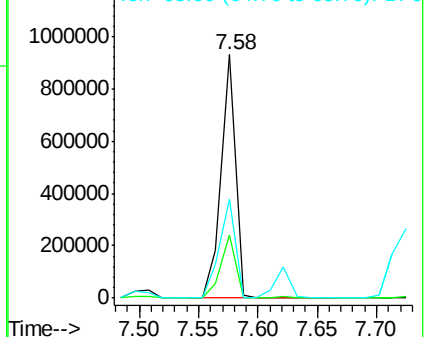
139 100

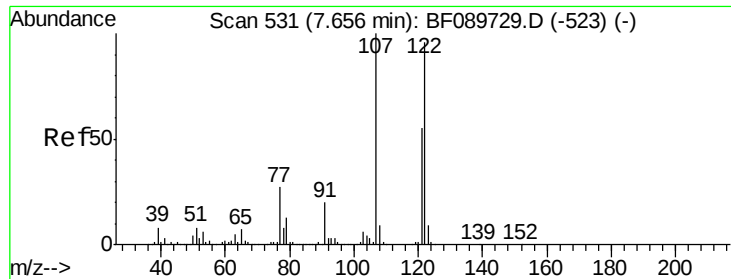
109 26.1 19.5 29.3

65 40.5 26.5 39.7#



Abundance Ion 139.00 (138.70 to 139.70): BF0
Ion 109.00 (108.70 to 109.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.99 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

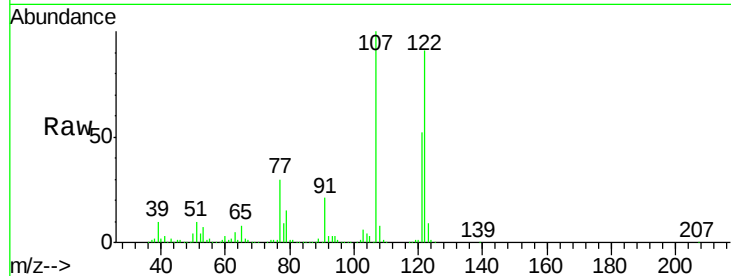
Tot Ion:122 Resp: 1221754

Ion Ratio Lower Upper

122 100

107 109.6 84.8 127.2

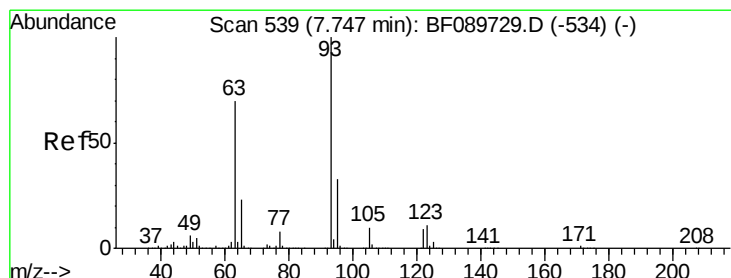
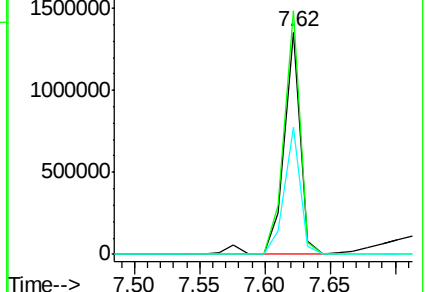
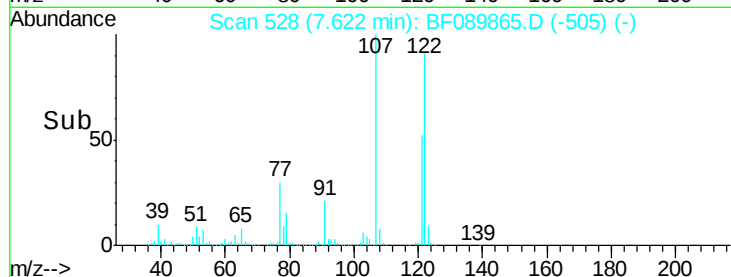
121 57.4 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.78 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

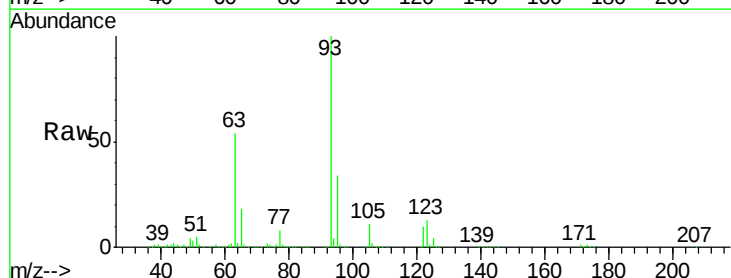
Tgt Ion: 93 Resp: 1545350

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

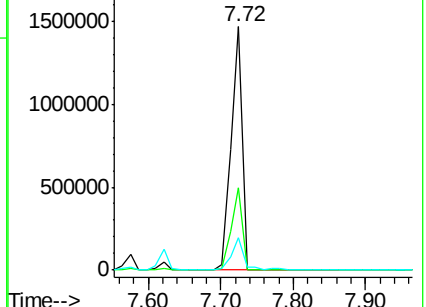
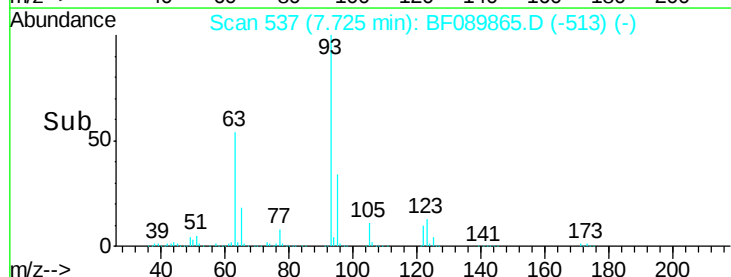
123 13.4 8.5 12.7#

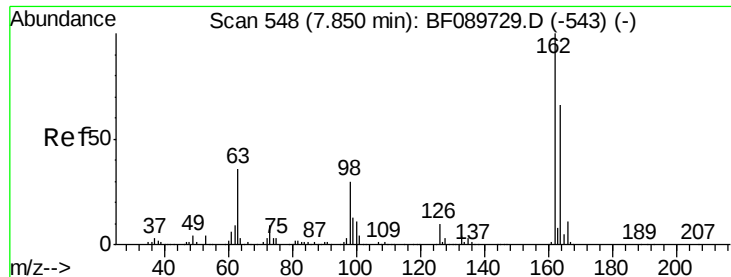


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.69 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

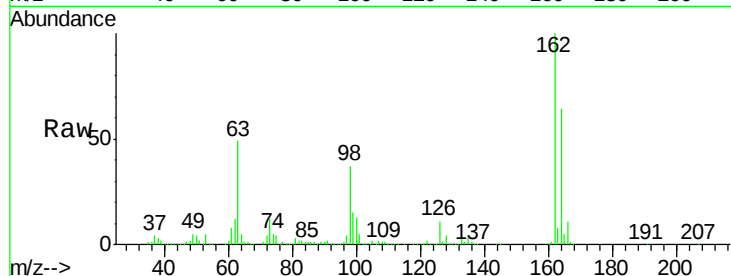
Tot Ion:162 Resp: 1059499

Ion Ratio Lower Upper

162 100

164 64.1 45.5 85.5

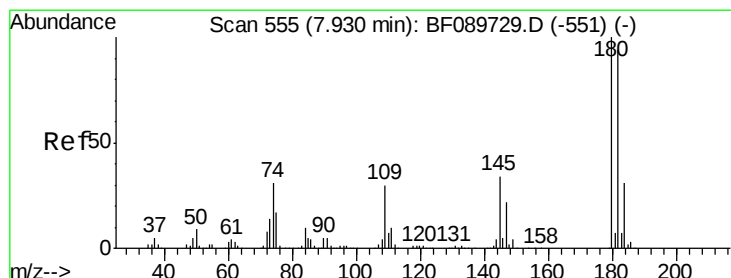
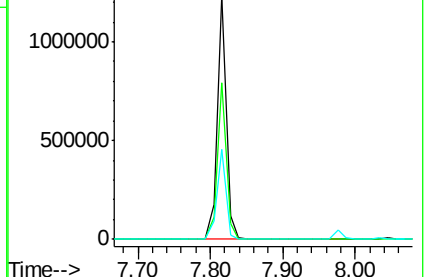
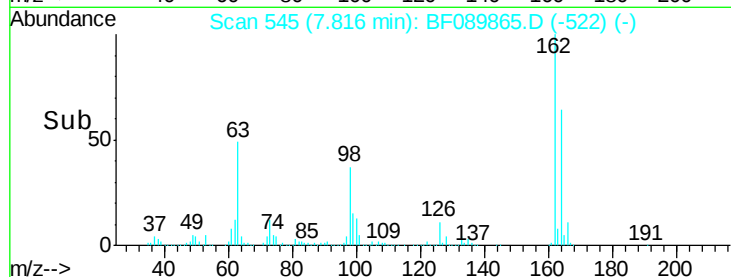
98 36.9 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.21 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

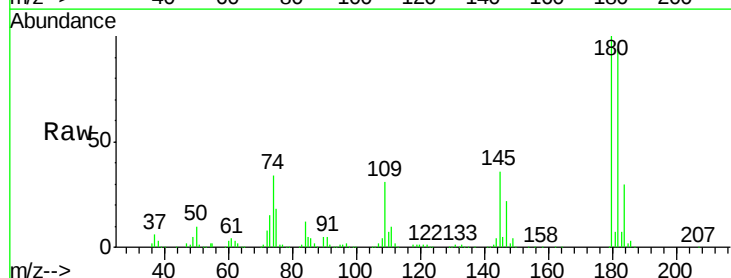
Tgt Ion:180 Resp: 1097954

Ion Ratio Lower Upper

180 100

182 94.2 75.5 113.3

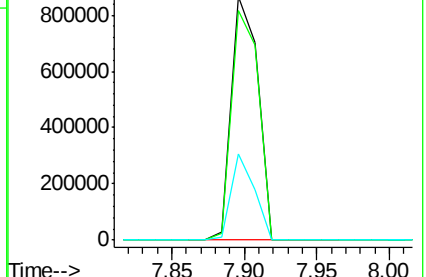
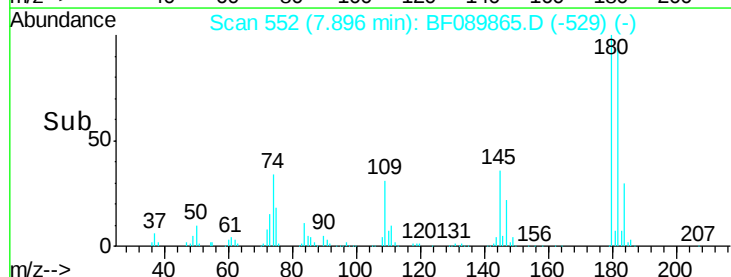
145 35.5 28.7 43.1

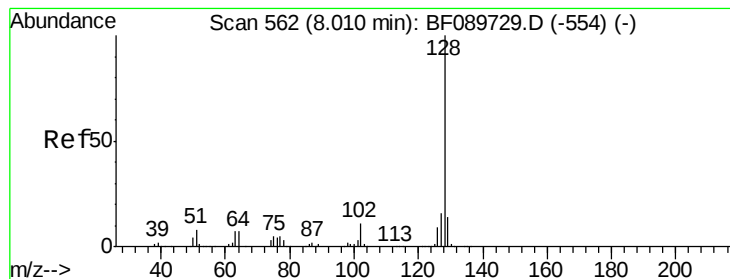


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.52 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

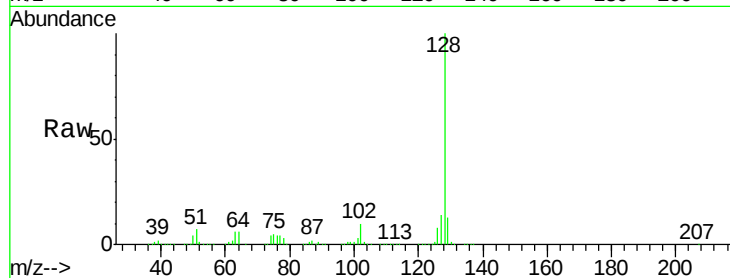
Tot Ion:128 Resp: 3218409

Ion Ratio Lower Upper

128 100

129 12.6 9.5 14.3

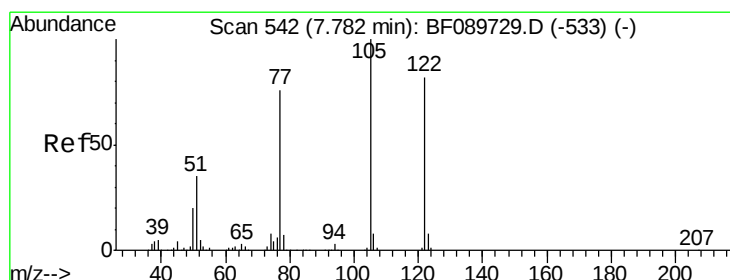
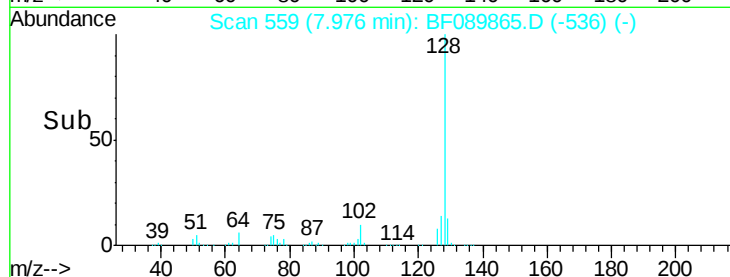
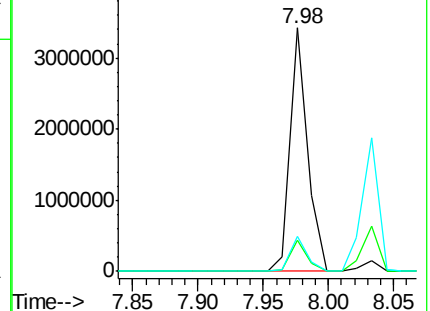
127 14.5 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.09 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

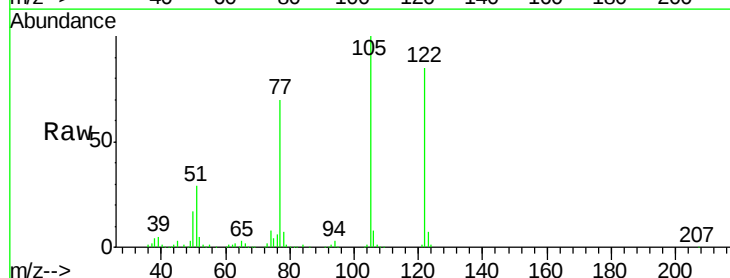
Tgt Ion:122 Resp: 790137

Ion Ratio Lower Upper

122 100

105 118.0 100.8 140.8

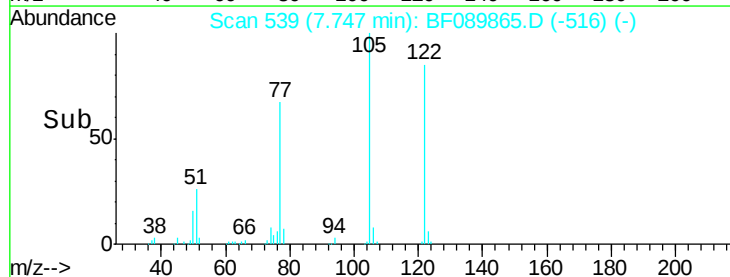
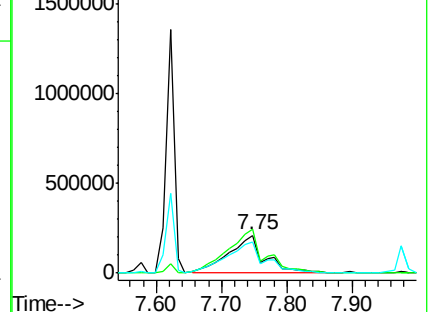
77 82.4 72.1 112.1

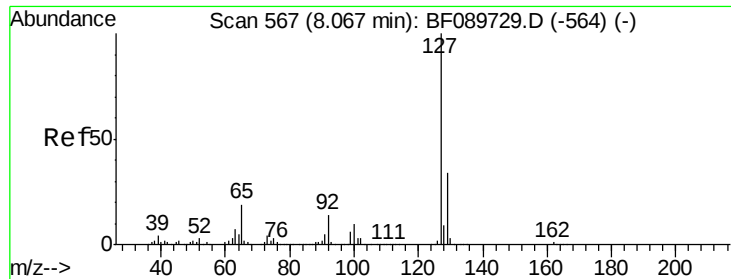


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

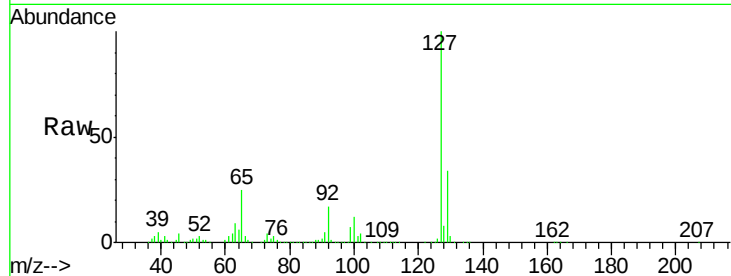




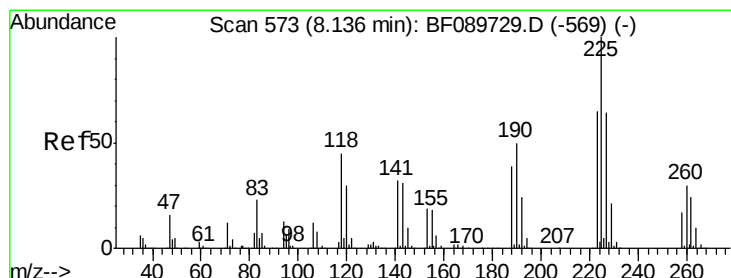
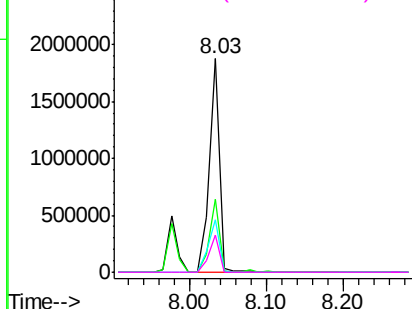
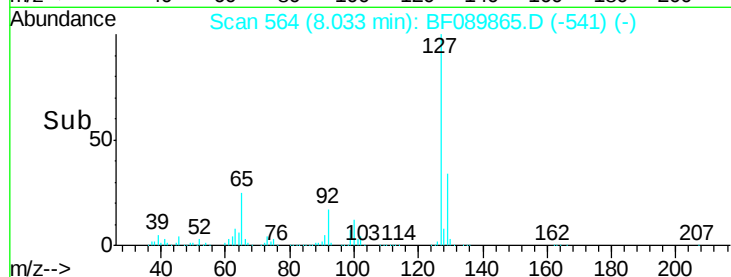
#33
4-Chloroaniline
Concen: 44.17 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 1664388
Ion Ratio Lower Upper
127 100
129 34.0 27.0 40.6
65 24.9 14.7 22.1#
92 17.3 11.7 17.5

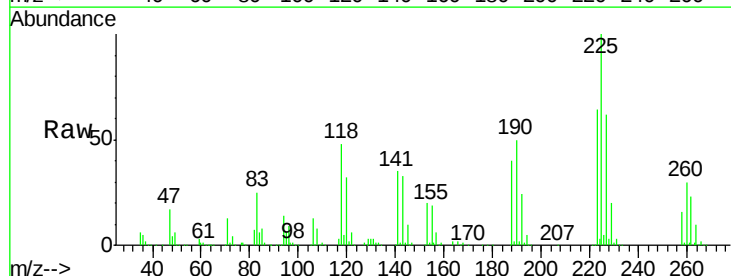


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

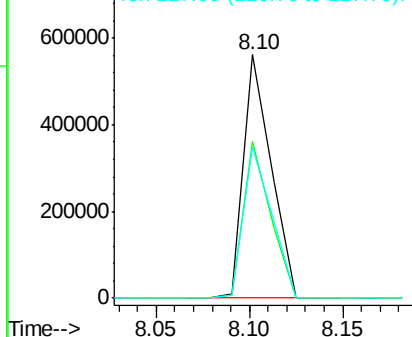
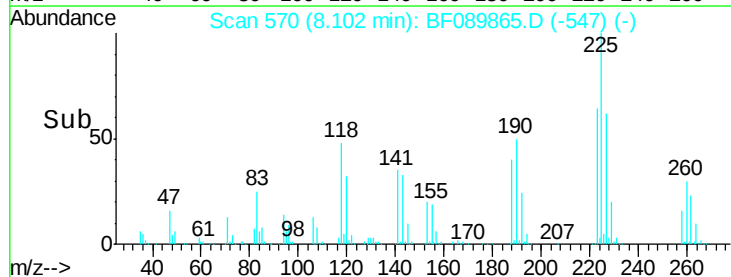


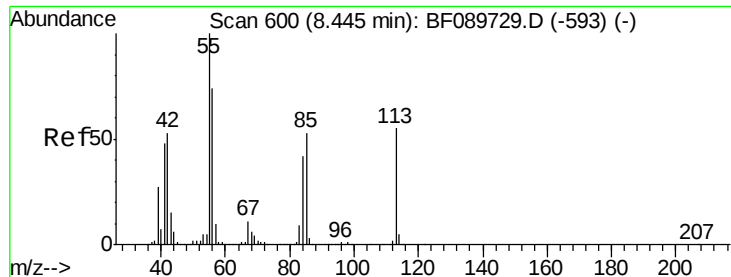
#34
Hexachlorobutadiene
Concen: 41.19 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:225 Resp: 576476
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 62.0 49.8 74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

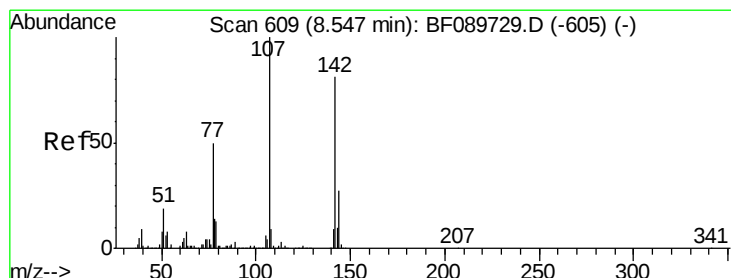
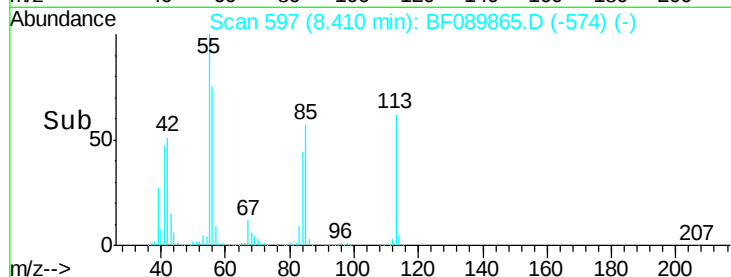
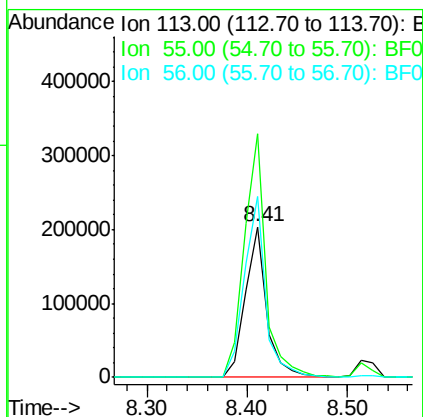
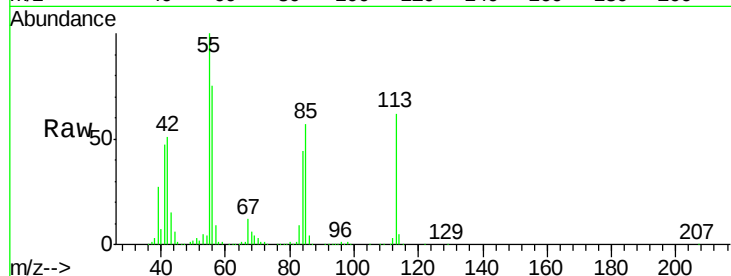




#35
 Caprolactam
 Concen: 39.29 ng
 RT: 8.41 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

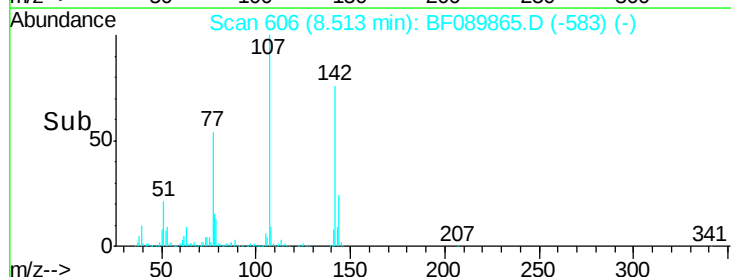
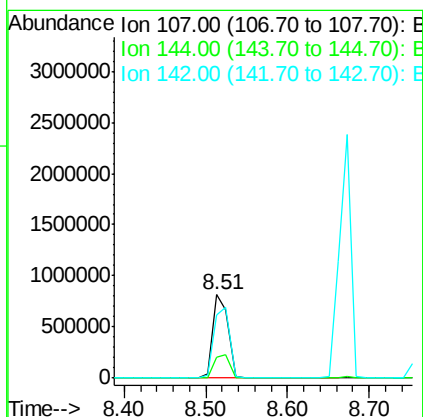
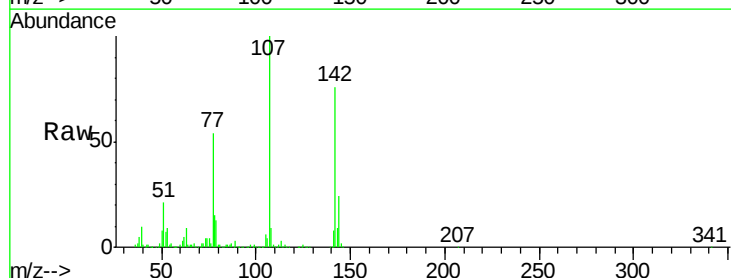
Instrument :
 BNA_F
 ClientSampled :

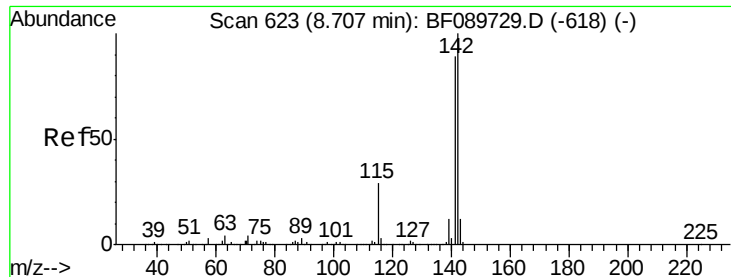
Tot Ion:113 Resp: 300543
 Ion Ratio Lower Upper
 113 100
 55 162.0 135.9 175.9
 56 120.7 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.68 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:107 Resp: 1071952
 Ion Ratio Lower Upper
 107 100
 144 24.5 22.6 34.0
 142 75.6 69.3 103.9

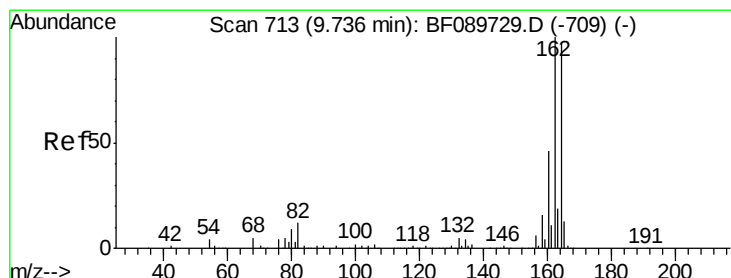
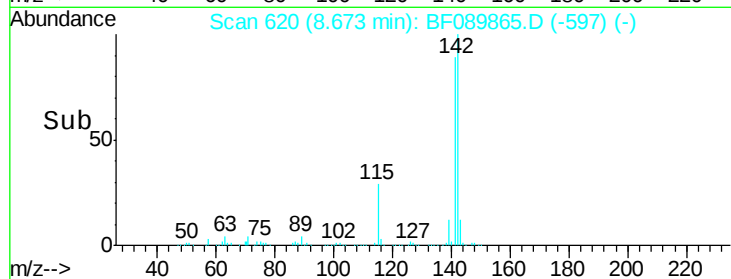
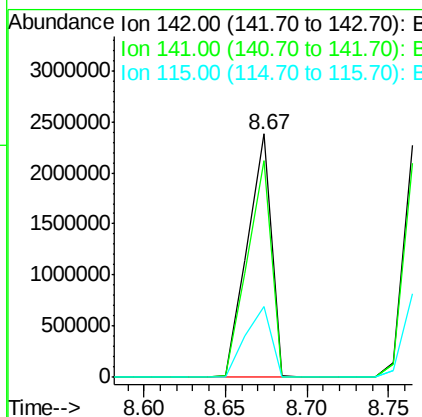
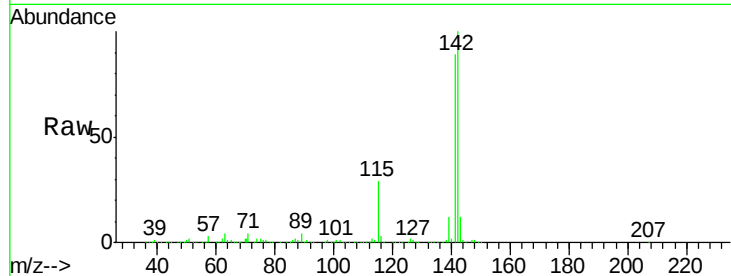




#37
2-Methylnaphthalene
Concen: 44.00 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

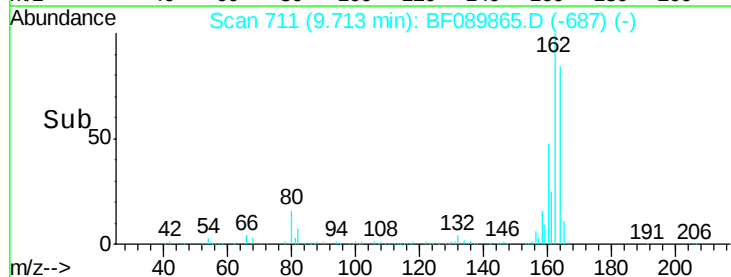
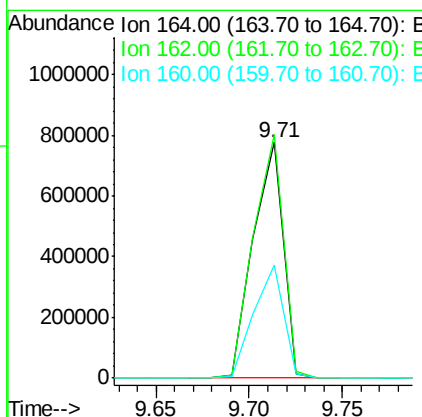
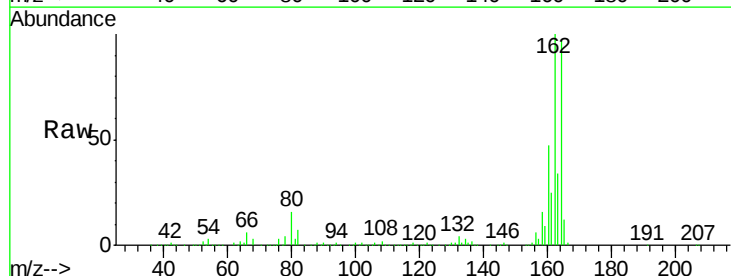
Instrument :
BNA_F
ClientSampleId :

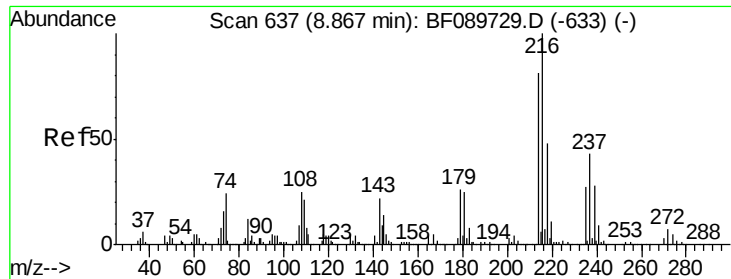
Tot Ion:142 Resp: 2438993
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2
115 29.2 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:164 Resp: 862897
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.2
160 48.0 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.01 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 1109962

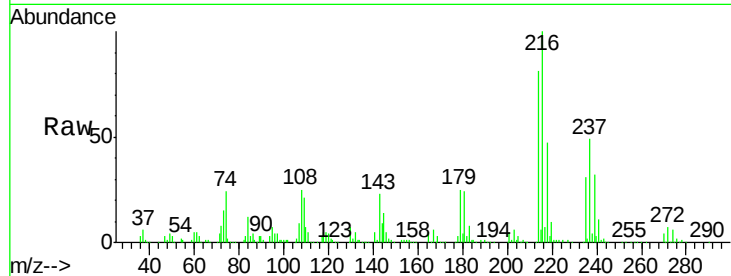
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 21.8 19.9 29.9

108 19.1 19.9 29.9#

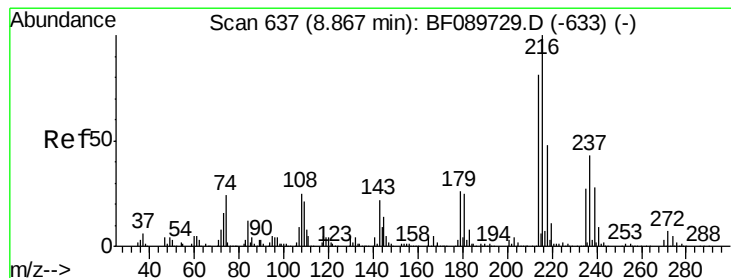
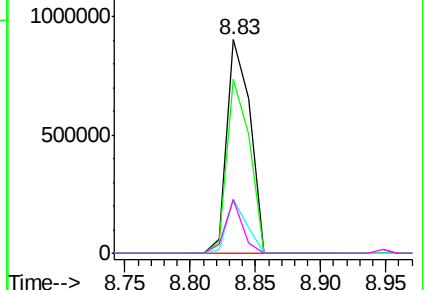
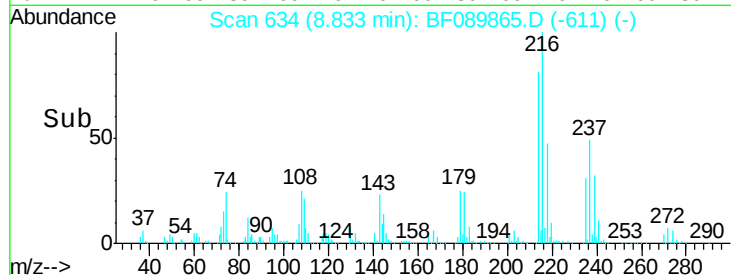


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 35.48 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

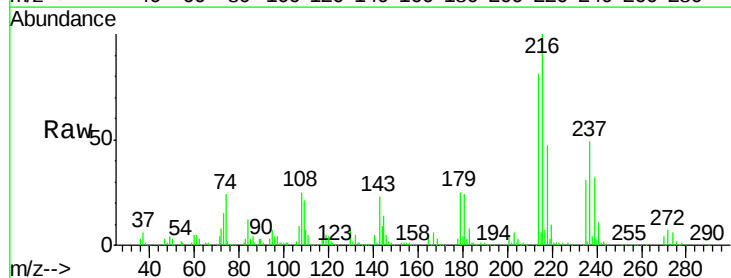
Tgt Ion:237 Resp: 438640

Ion Ratio Lower Upper

237 100

235 63.3 43.7 83.7

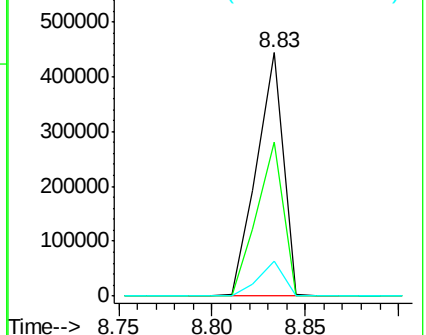
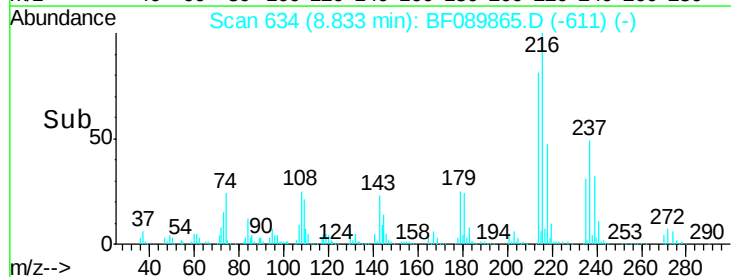
272 14.5 0.0 31.6

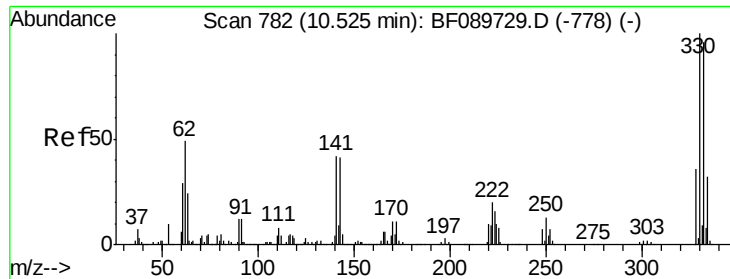


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

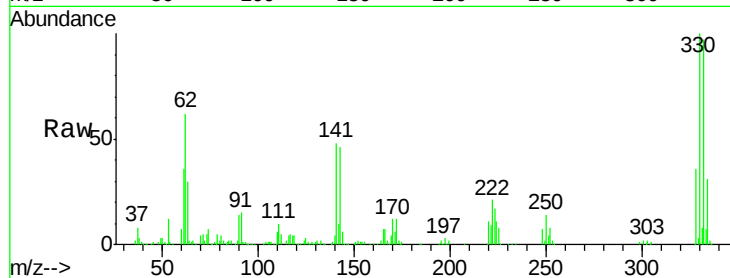




#41
 2,4,6-Tribromophenol
 Concen: 75.08 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.7	115.1
141	35.2	30.2	45.2

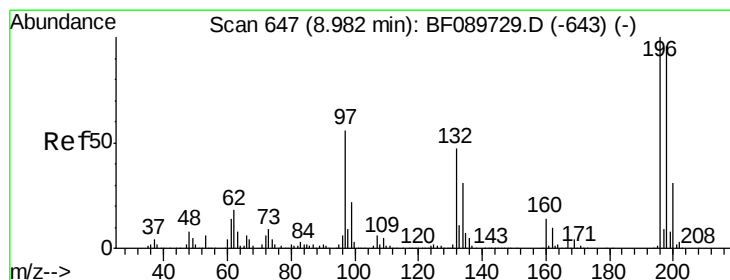
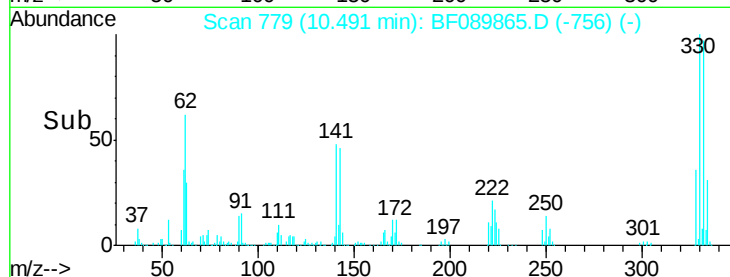
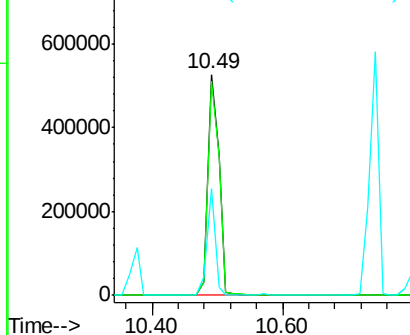


Abundance

Ion 329.80 (329.50 to 330.50): E

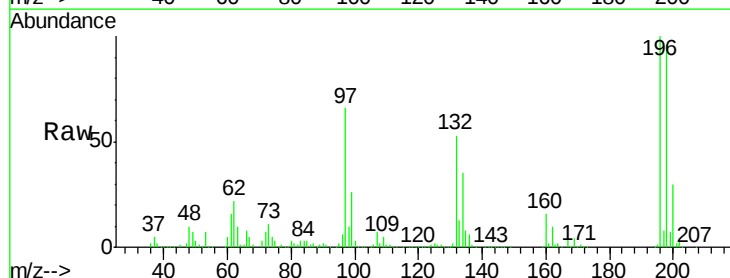
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	30.2	24.6	36.8

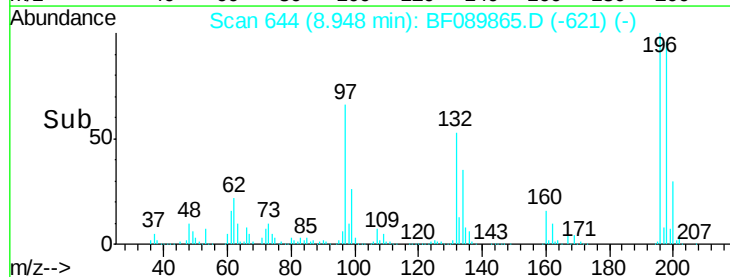
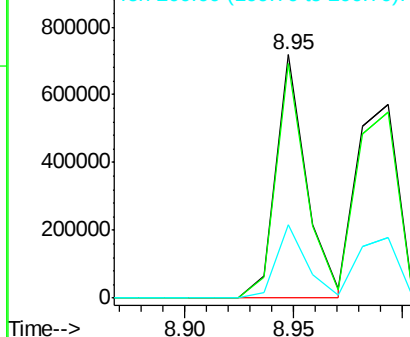


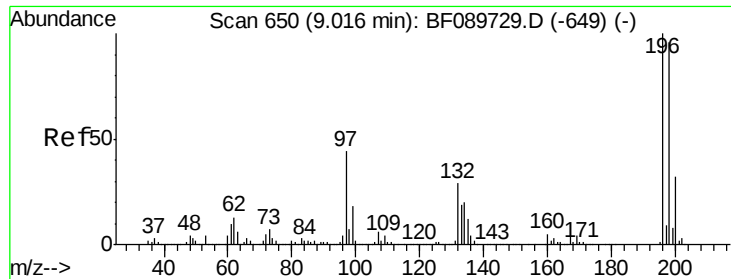
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

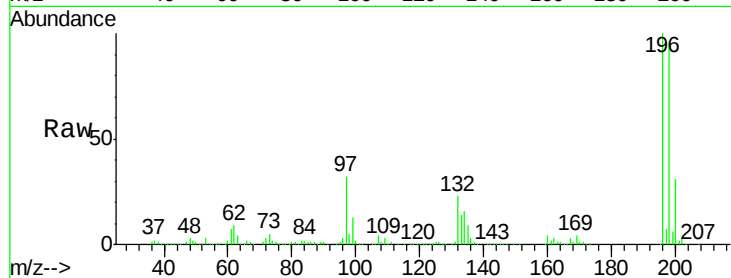




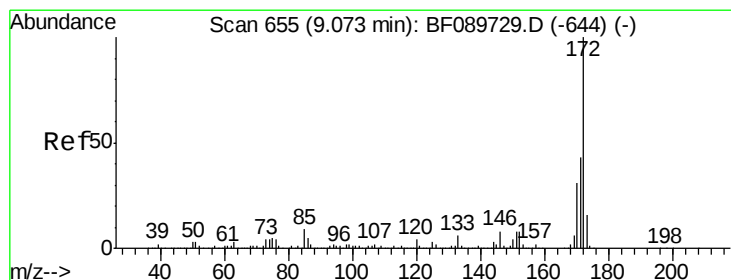
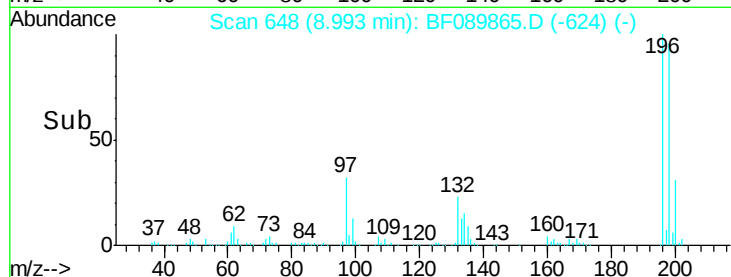
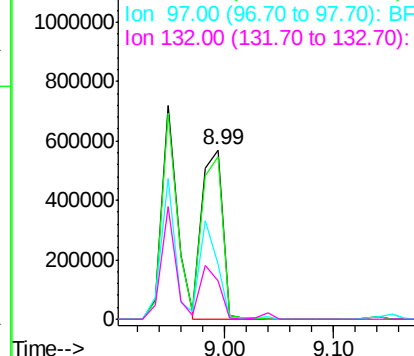
#43
 2,4,5-Trichlorophenol
 Concen: 44.40 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 758720
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.6 114.8
 97 32.4 35.8 53.8#
 132 22.8 23.5 35.3#

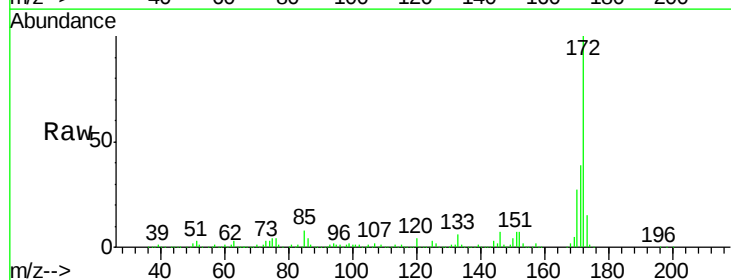


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

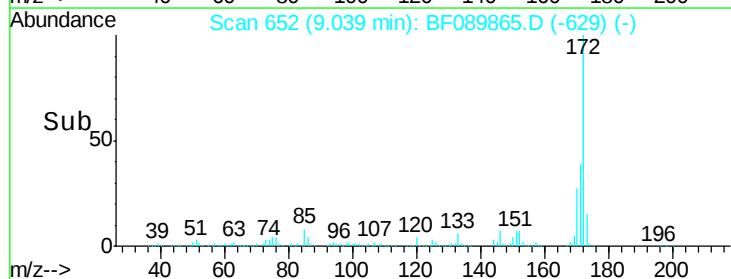
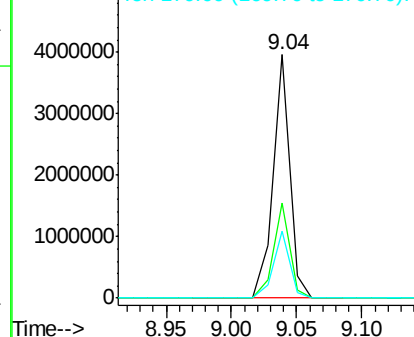


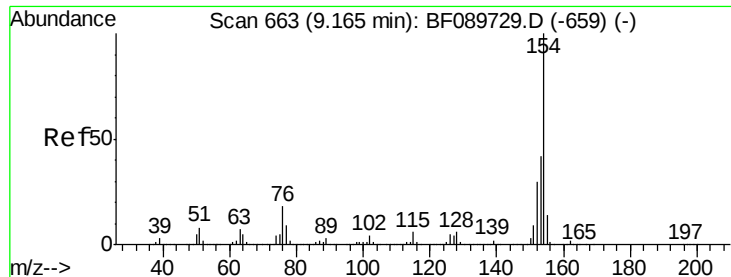
#44
 2-Fluorobiphenyl
 Concen: 66.38 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:172 Resp: 3569575
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.5 45.7
 170 27.4 20.6 31.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.67 ng

RT: 9.14 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

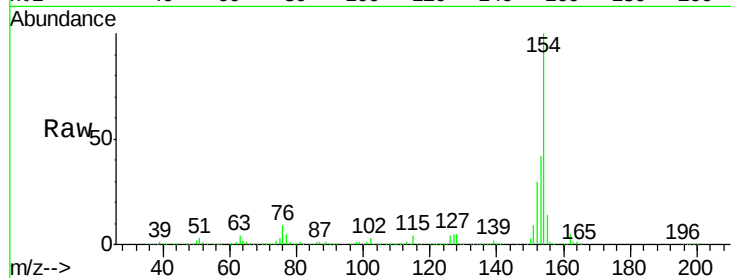
Tot Ion:154 Resp: 2835403

Ion Ratio Lower Upper

154 100

153 42.1 21.5 61.5

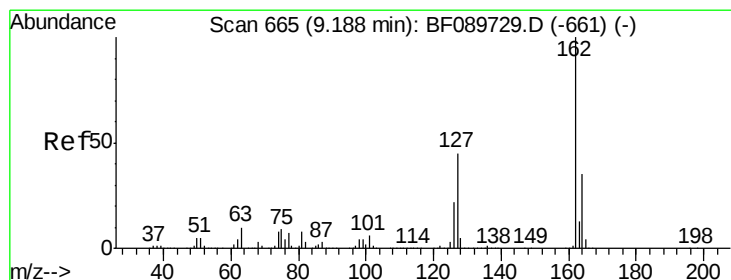
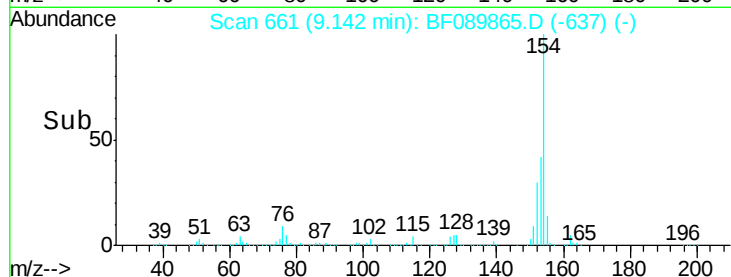
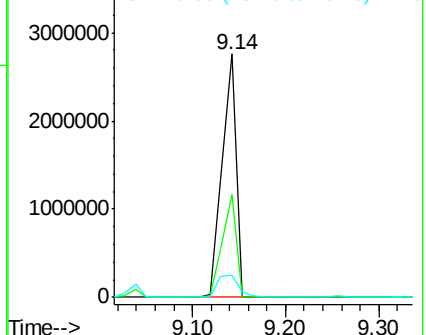
76 9.3 0.0 36.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 37.80 ng

RT: 9.15 min Scan# 662

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

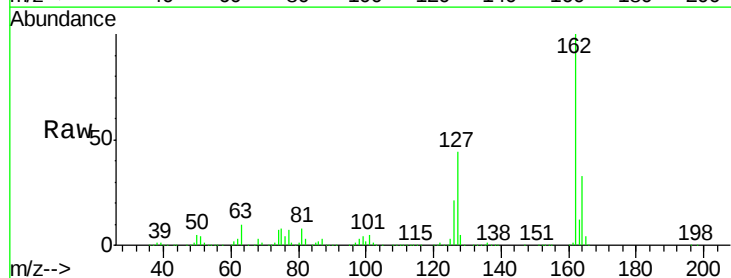
Tgt Ion:162 Resp: 2024345

Ion Ratio Lower Upper

162 100

127 43.5 35.5 53.3

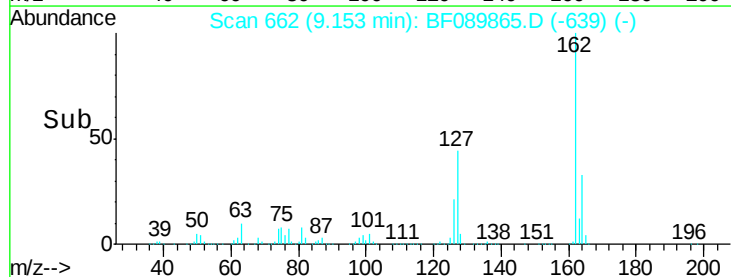
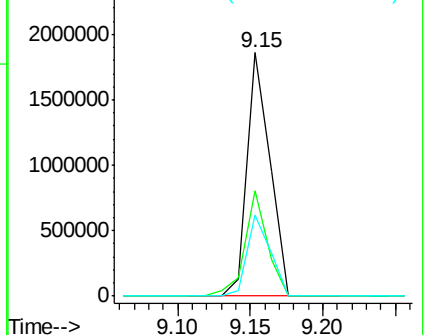
164 33.5 26.6 40.0

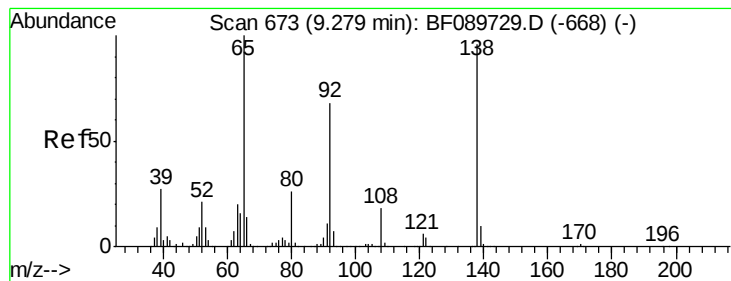


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.84 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

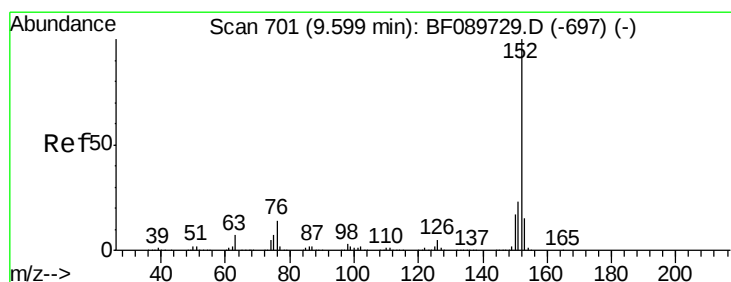
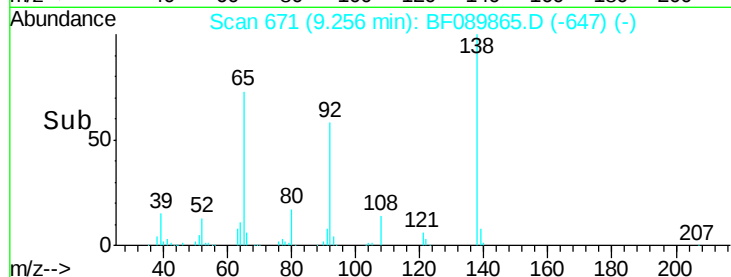
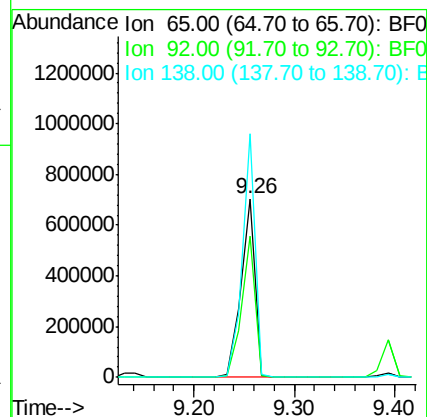
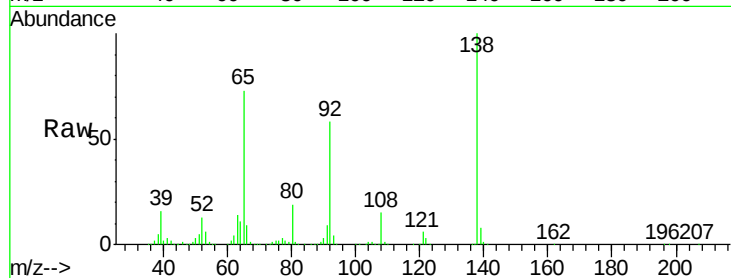
Tot Ion: 65 Resp: 682753

Ion Ratio Lower Upper

65 100

92 79.0 56.3 84.5

138 136.3 81.8 122.8#



#48

Acenaphthylene

Concen: 40.15 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

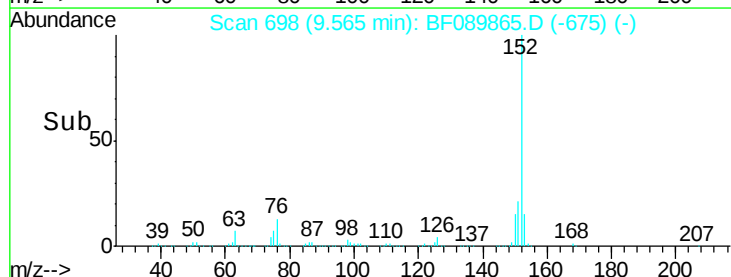
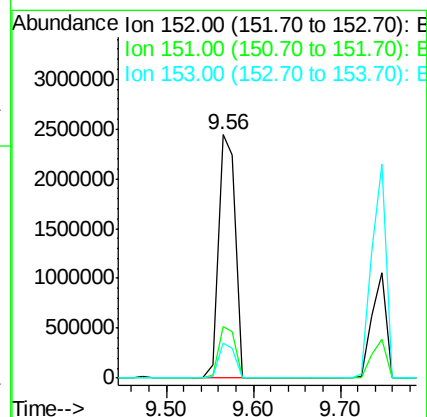
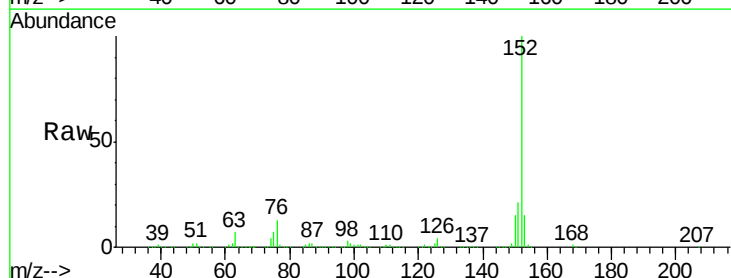
Tgt Ion: 152 Resp: 3310224

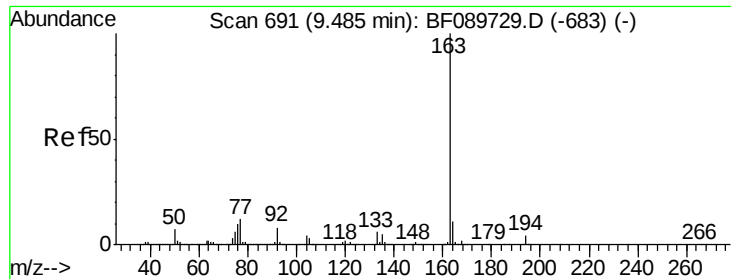
Ion Ratio Lower Upper

152 100

151 21.3 17.1 25.7

153 14.6 11.2 16.8





#49

Dimethylphthalate

Concen: 41.80 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

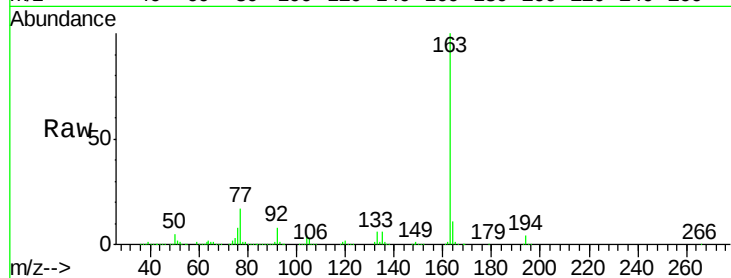
Tot Ion:163 Resp: 2610105

Ion Ratio Lower Upper

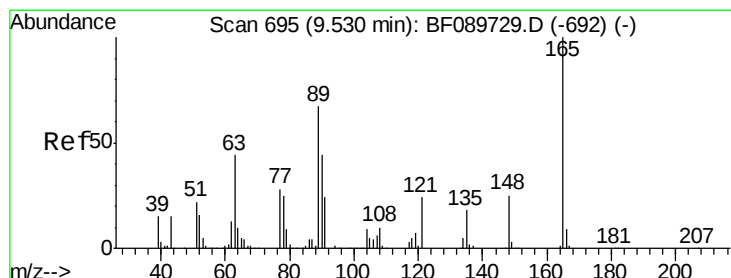
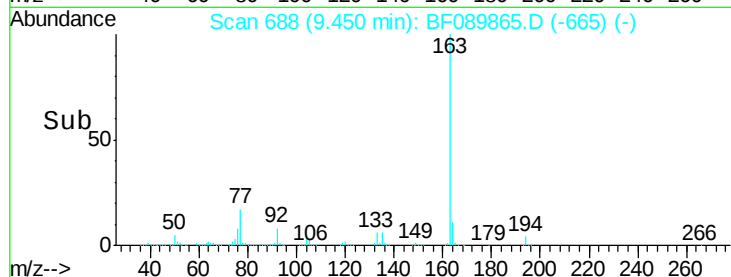
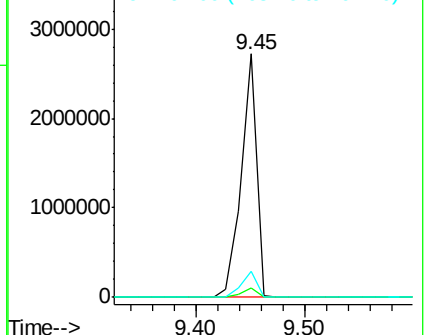
163 100

194 3.7 2.6 3.8

164 10.6 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.46 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

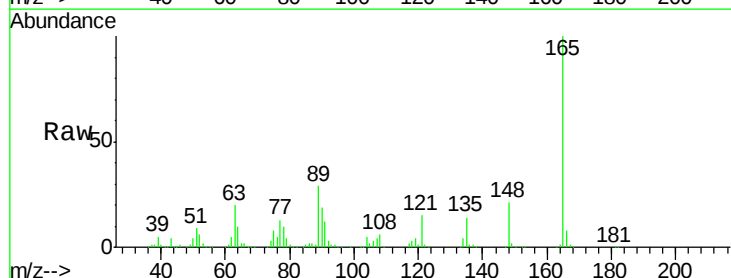
Tgt Ion:165 Resp: 585872

Ion Ratio Lower Upper

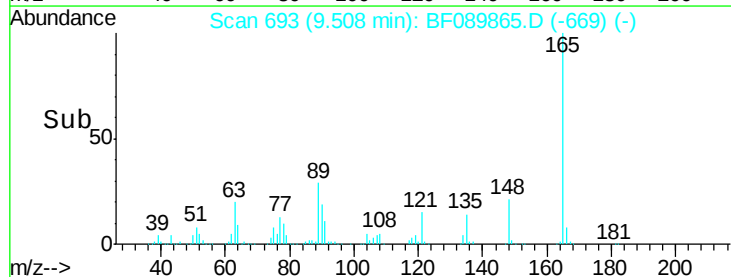
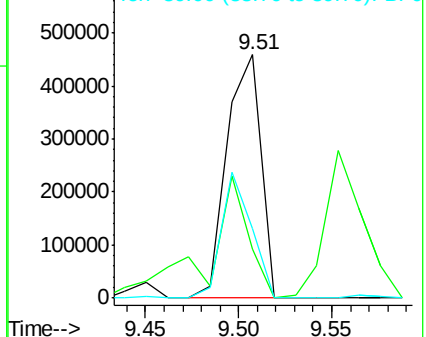
165 100

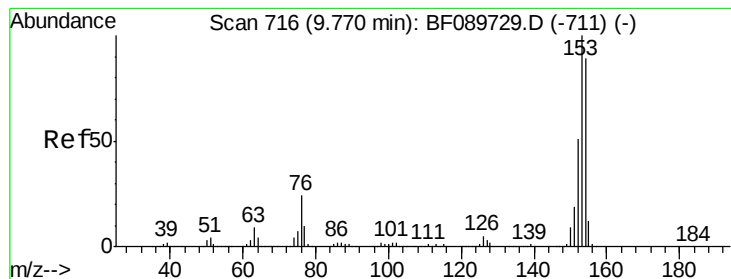
63 20.2 41.7 62.5#

89 28.7 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.14 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

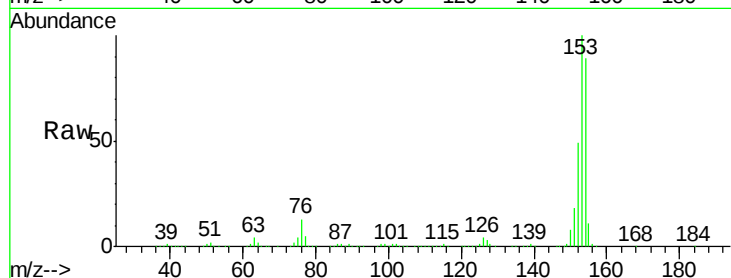
Tot Ion:154 Resp: 2232995

Ion Ratio Lower Upper

154 100

153 112.6 90.5 135.7

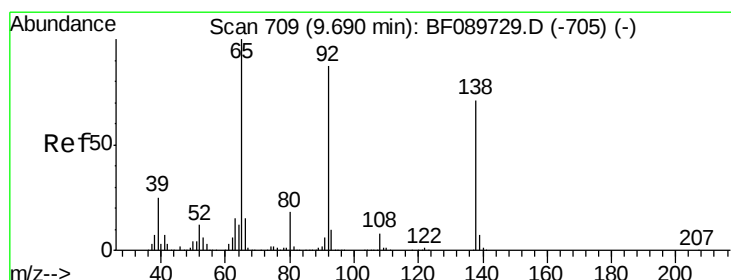
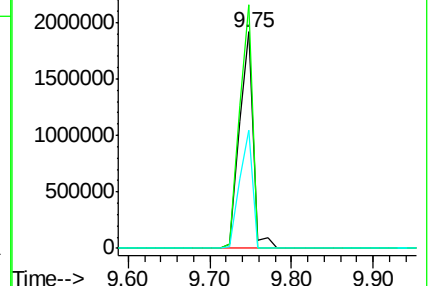
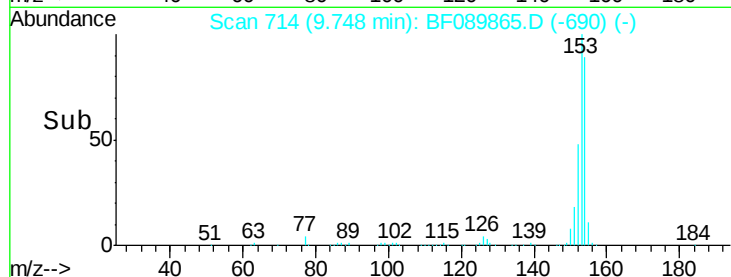
152 55.0 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.06 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

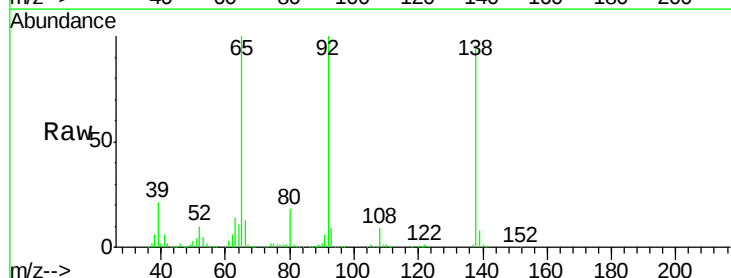
Tgt Ion:138 Resp: 723969

Ion Ratio Lower Upper

138 100

108 9.3 8.1 12.1

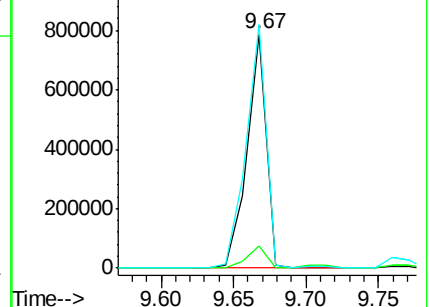
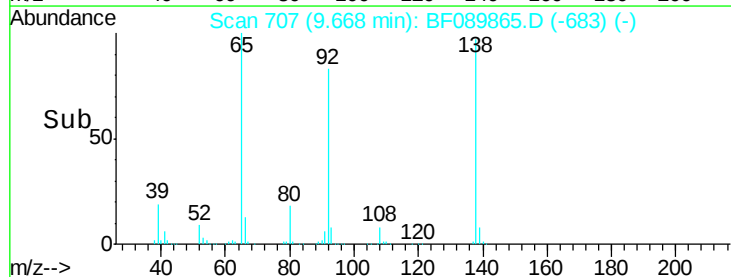
92 104.1 92.7 139.1

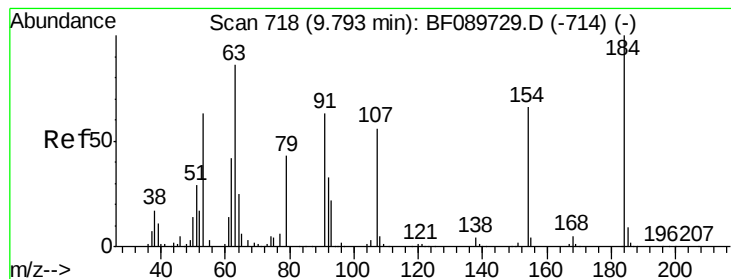


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 32.31 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampled :

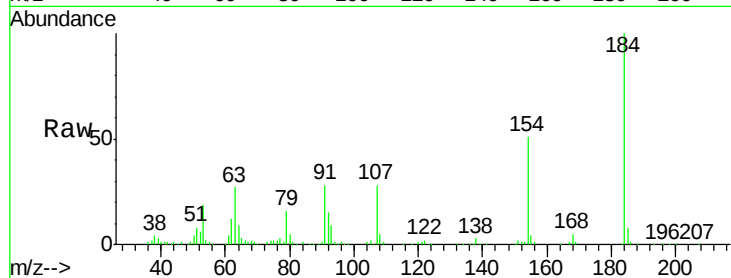
Tot Ion:184 Resp: 197085

Ion Ratio Lower Upper

184 100

63 26.7 54.2 81.4#

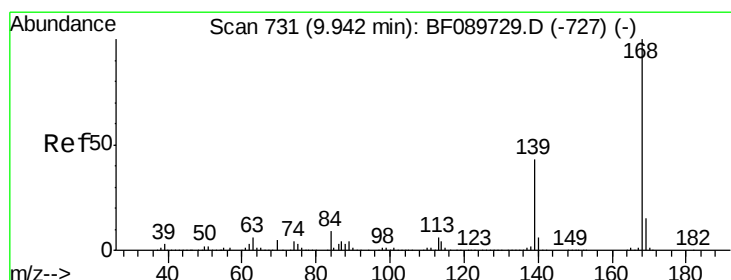
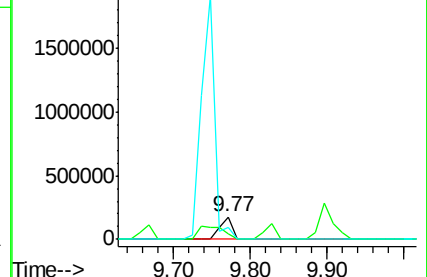
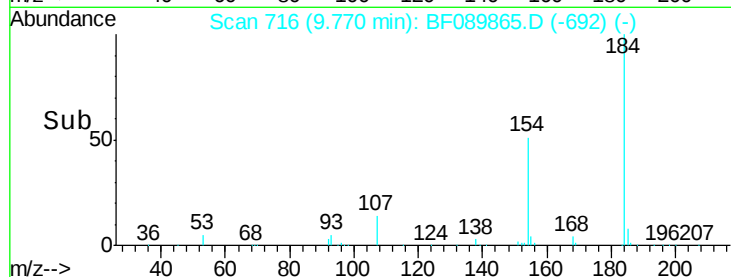
154 51.5 52.7 79.1#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.40 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

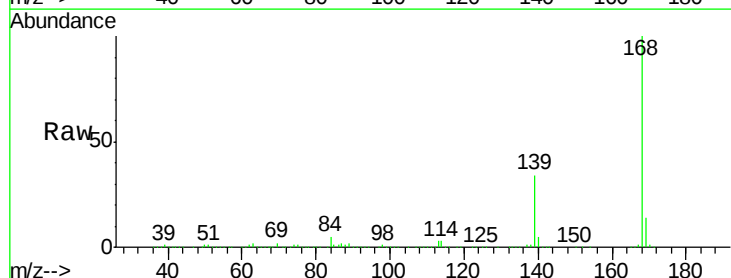
Tgt Ion:168 Resp: 2834450

Ion Ratio Lower Upper

168 100

139 33.6 34.6 52.0#

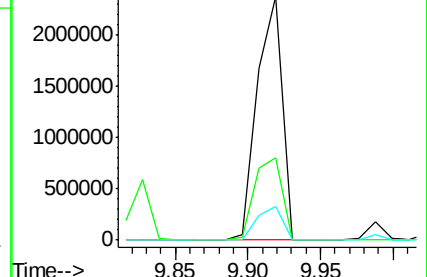
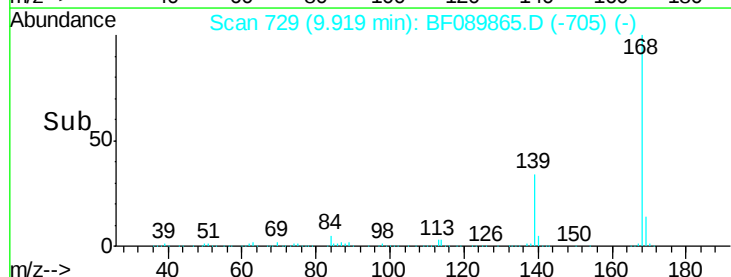
169 13.7 11.5 17.3

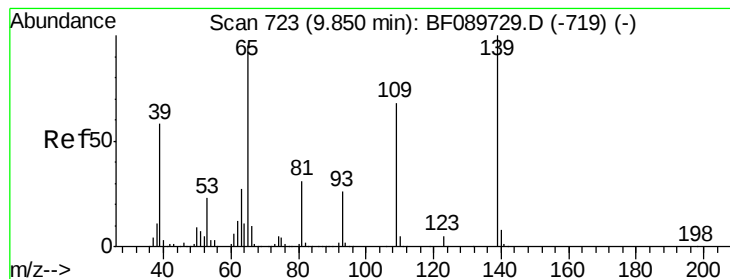


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 44.18 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampled :

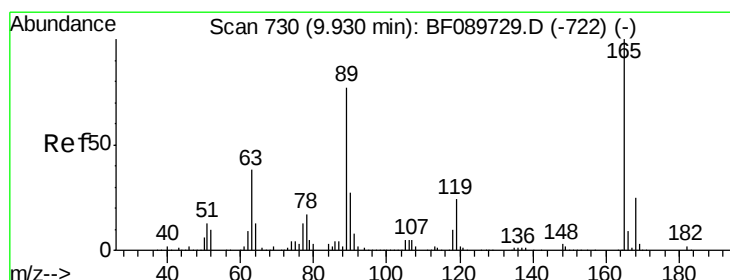
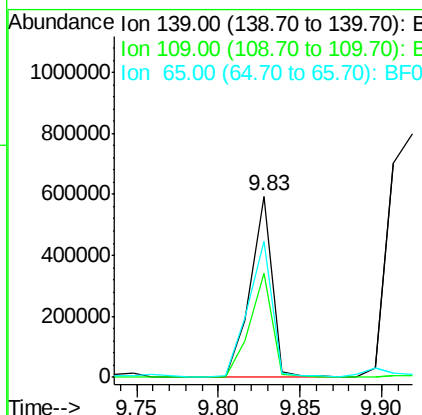
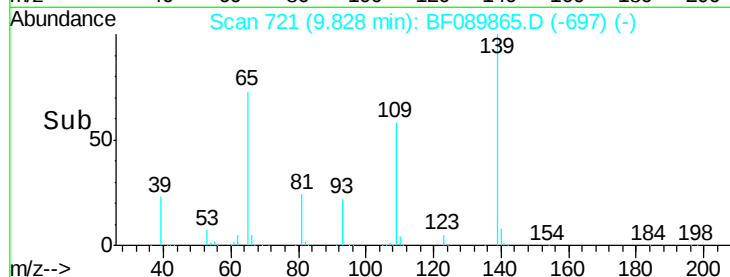
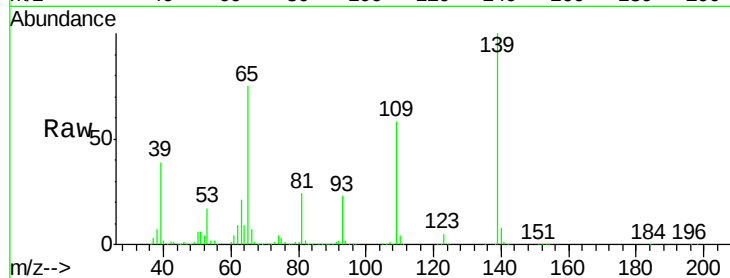
Tot Ion:139 Resp: 558433

Ion Ratio Lower Upper

139 100

109 57.6 43.0 83.0

65 74.8 55.7 95.7



#56

2,4-Dinitrotoluene

Concen: 35.85 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Tgt Ion:165 Resp: 651225

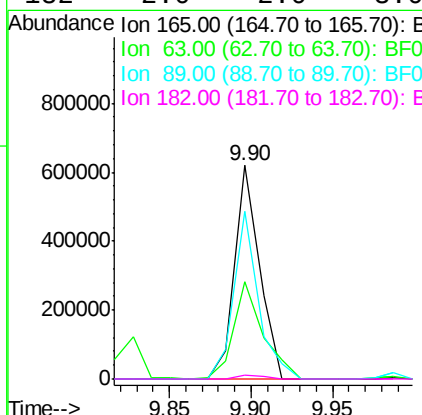
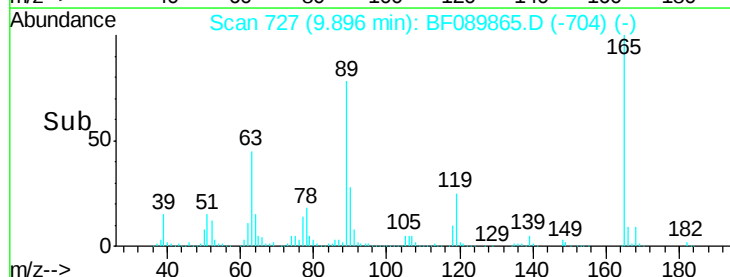
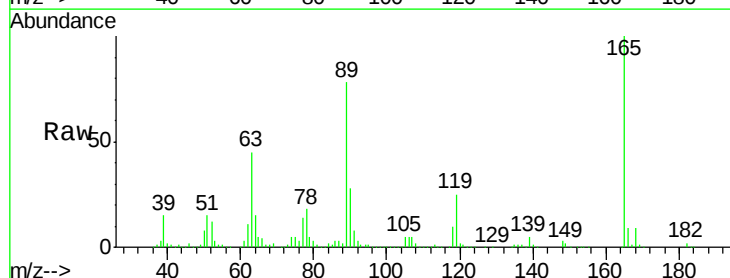
Ion Ratio Lower Upper

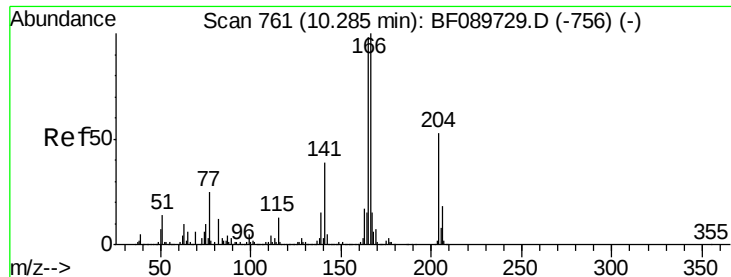
165 100

63 45.4 23.7 35.5#

89 78.5 44.0 66.0#

182 2.0 2.0 3.0#

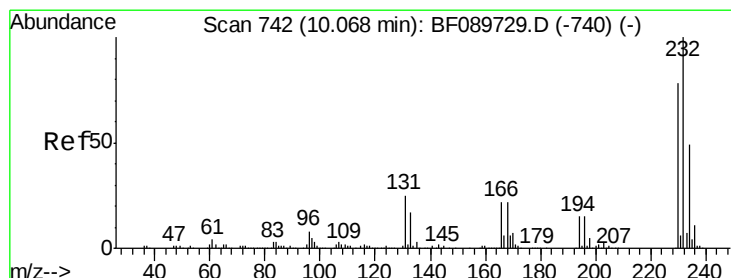
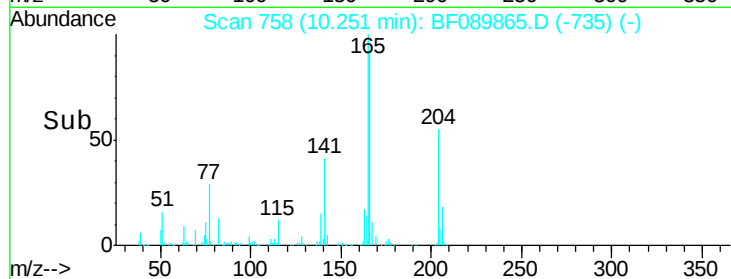
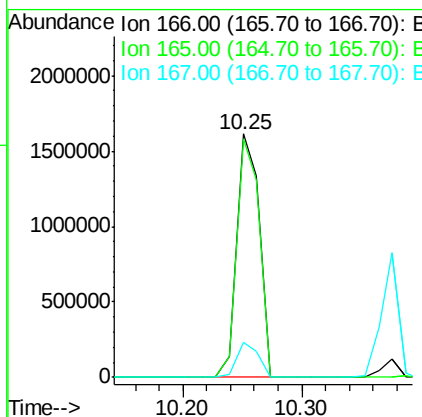
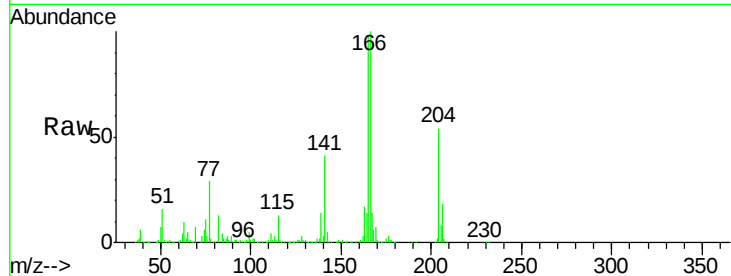




#57
 Fluorene
 Concen: 38.50 ng
 RT: 10.25 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

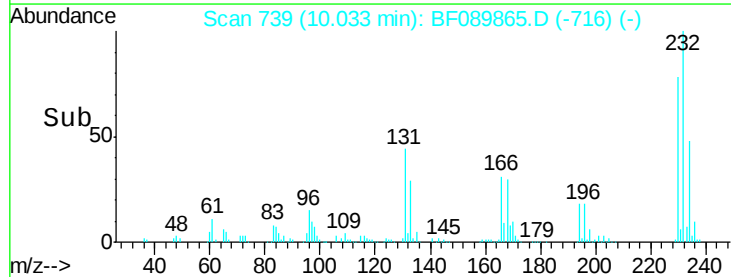
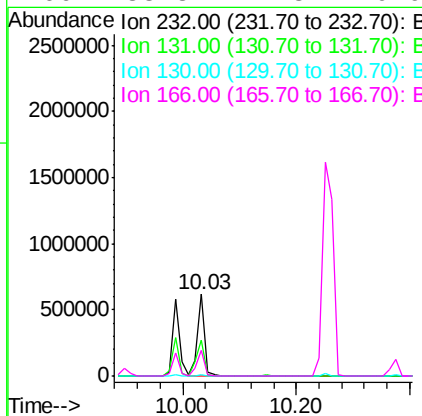
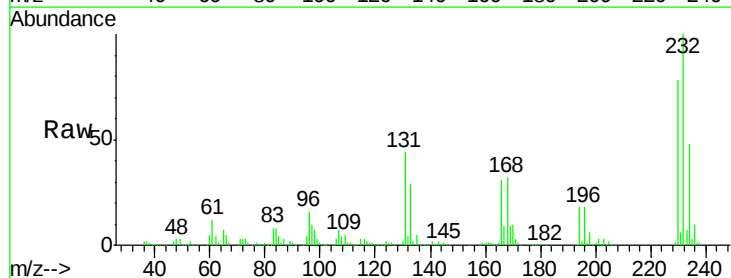
Instrument :
 BNA_F
 ClientSampleId :

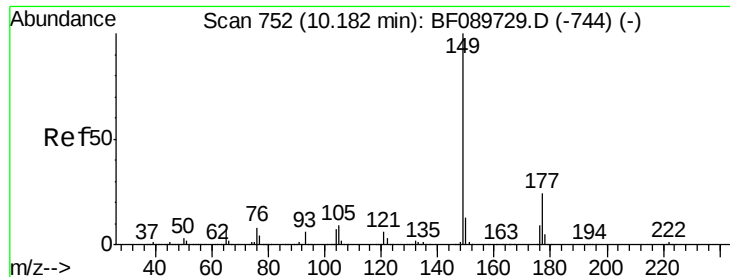
Tot Ion:166 Resp: 2129198
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.2 120.4
 167 14.4 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.35 ng
 RT: 10.03 min Scan# 739
 Delta R.T. -0.03 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:232 Resp: 538517
 Ion Ratio Lower Upper
 232 100
 131 49.5 42.5 63.7
 130 2.3 2.2 3.4
 166 33.3 27.3 40.9

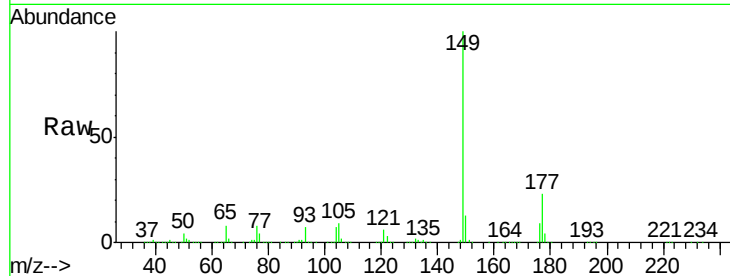




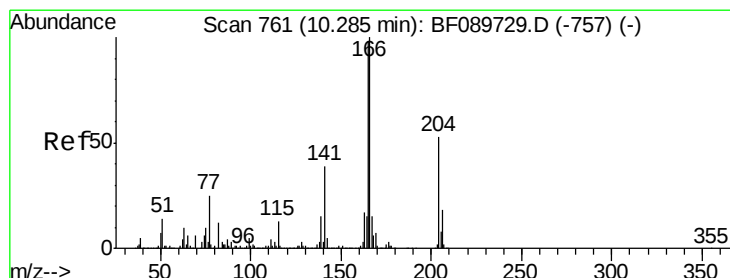
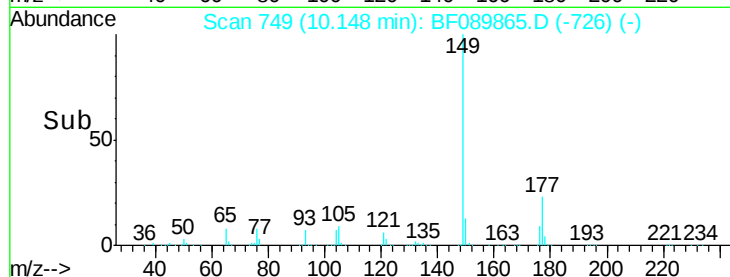
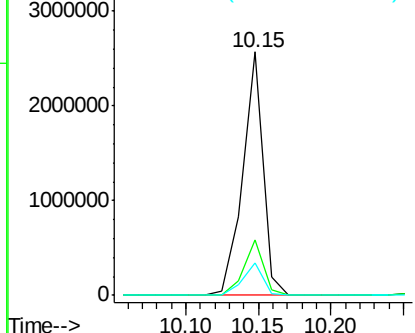
#59
Diethylphthalate
Concen: 39.46 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2498045
Ion Ratio Lower Upper
149 100
177 22.7 16.6 25.0
150 13.2 10.5 15.7

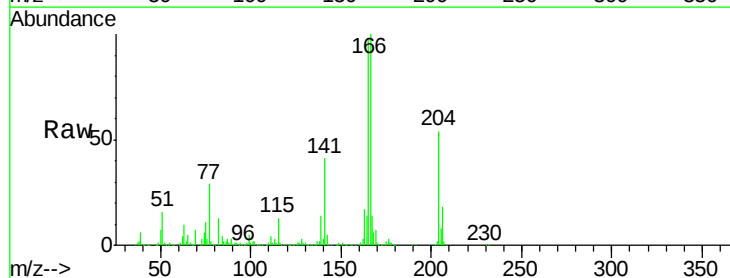


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

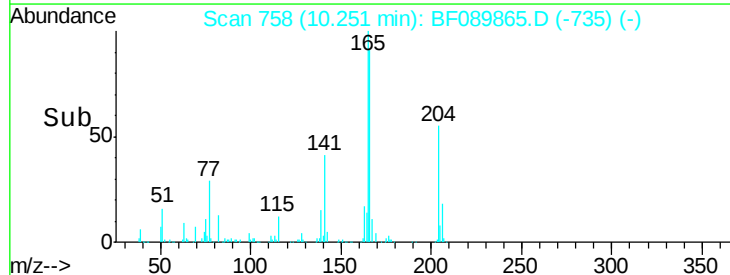
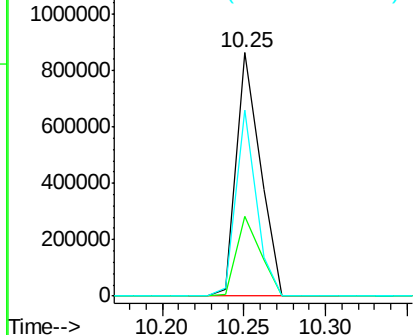


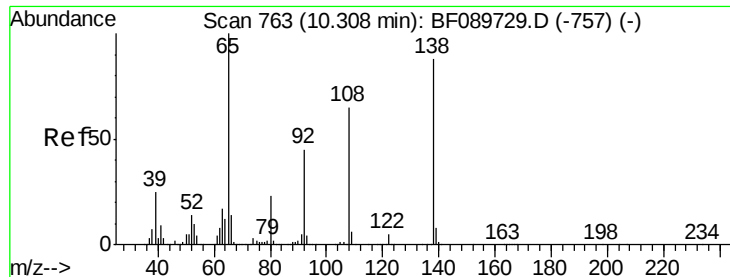
#60
4-Chlorophenyl-phenylether
Concen: 32.12 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:204 Resp: 872144
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 76.3 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

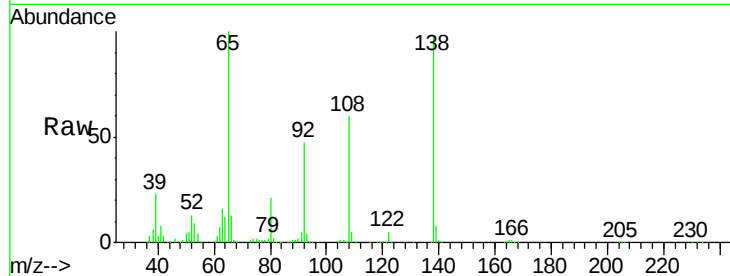




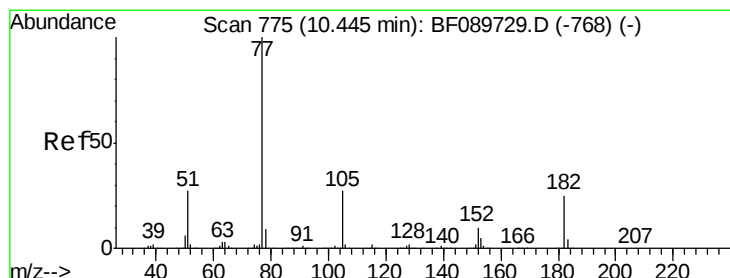
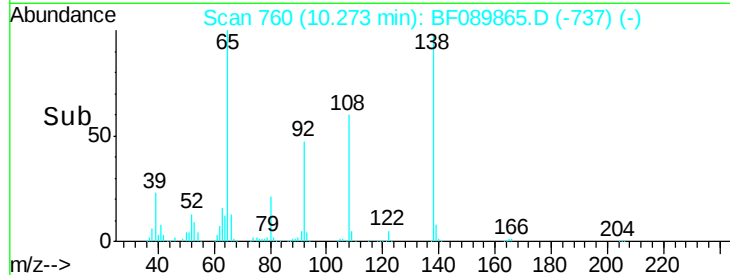
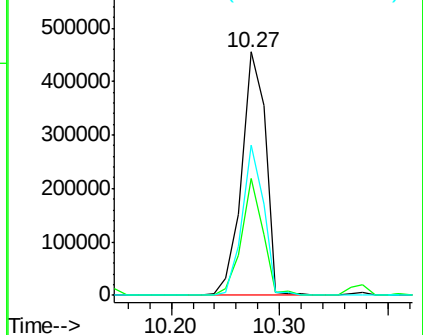
#61
4-Nitroaniline
Concen: 43.50 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 693936
Ion Ratio Lower Upper
138 100
92 48.0 26.4 66.4
108 61.6 47.0 87.0

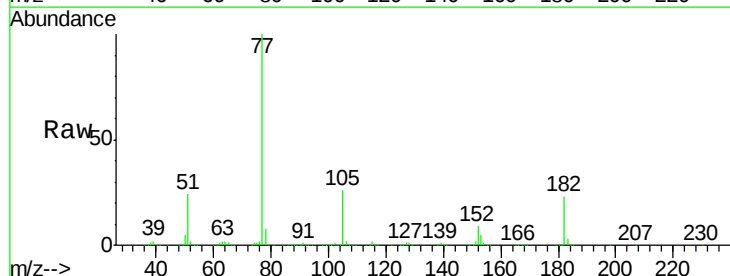


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

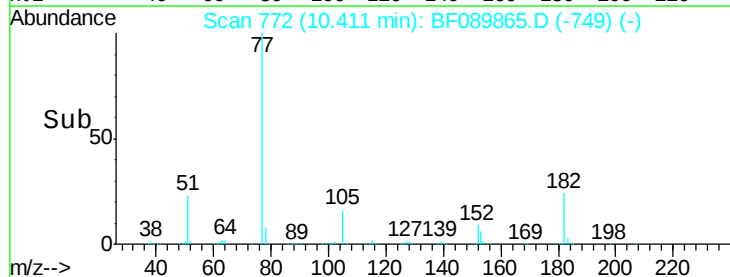
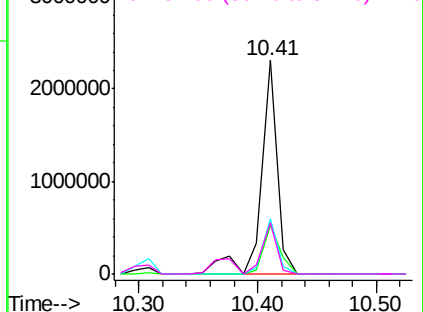


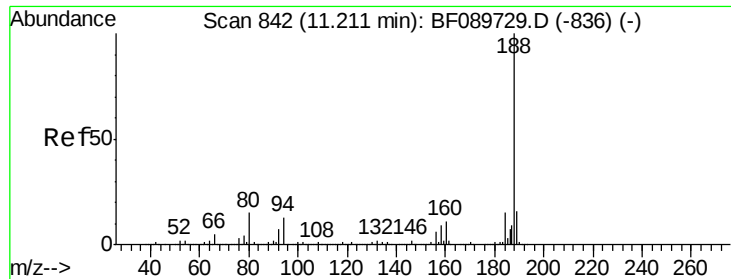
#62
Azobenzene
Concen: 37.10 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion: 77 Resp: 2219292
Ion Ratio Lower Upper
77 100
182 22.8 5.6 45.6
105 25.9 4.0 44.0
51 23.8 7.8 47.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

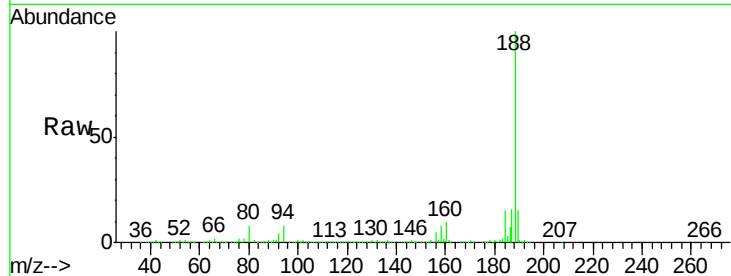




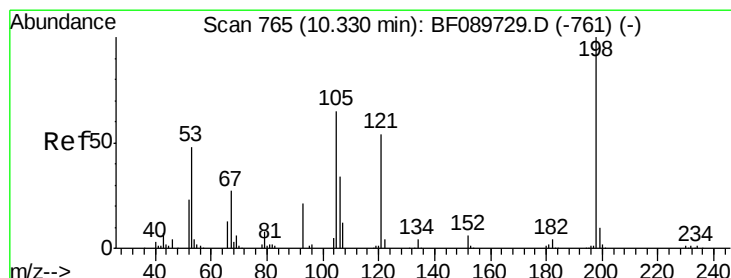
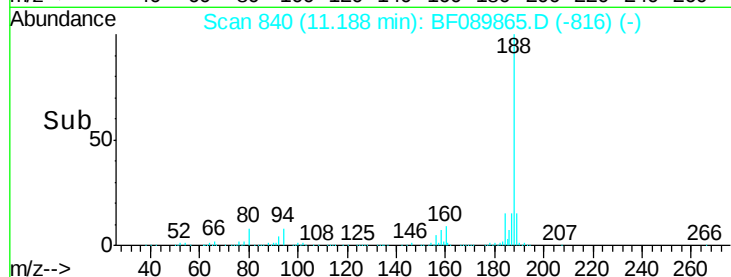
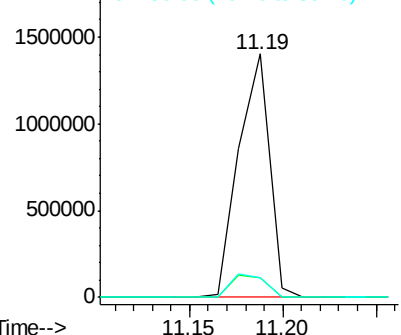
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1601678
Ion Ratio Lower Upper
188 100
94 8.1 10.2 15.2#
80 7.8 10.9 16.3#

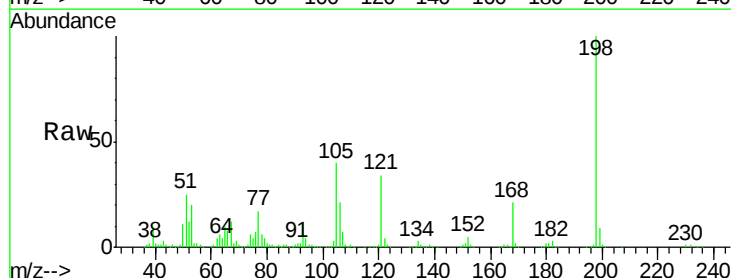


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

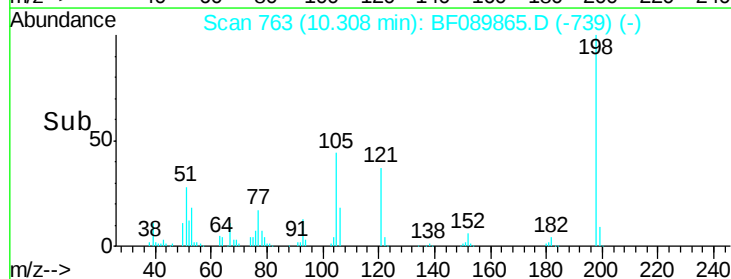
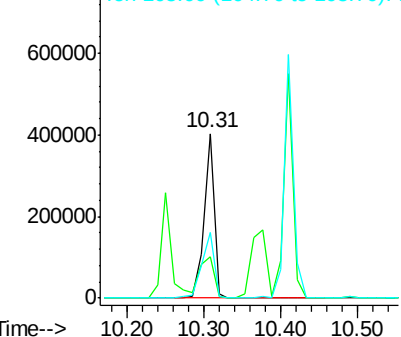


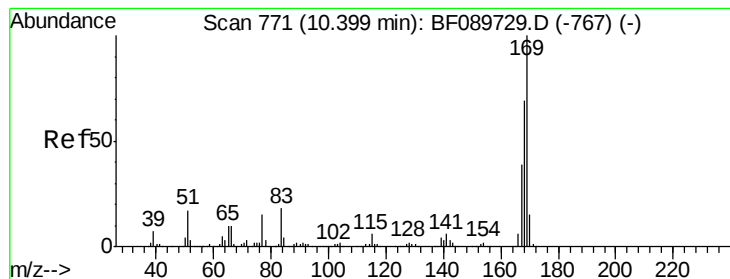
#64
4,6-Dinitro-2-methylphenol
Concen: 39.23 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:198 Resp: 364869
Ion Ratio Lower Upper
198 100
51 25.5 32.3 72.3#
105 40.2 32.9 72.9



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.29 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

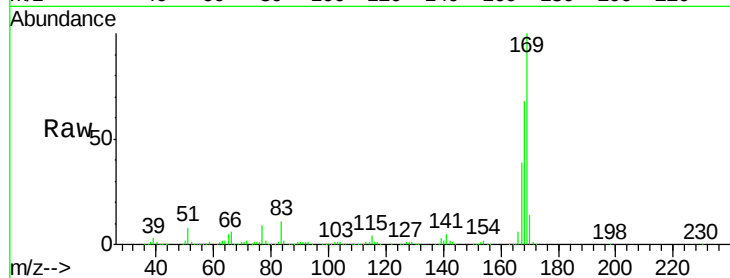
Tot Ion:169 Resp: 2125385

Ion Ratio Lower Upper

169 100

168 68.4 54.6 82.0

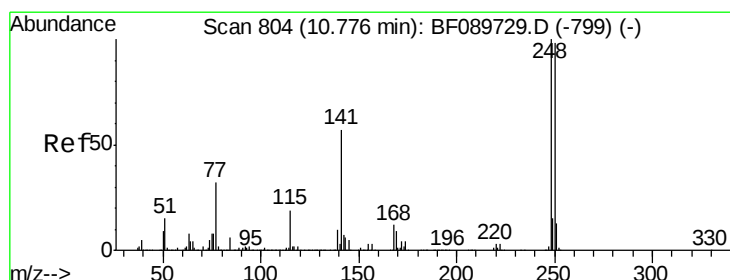
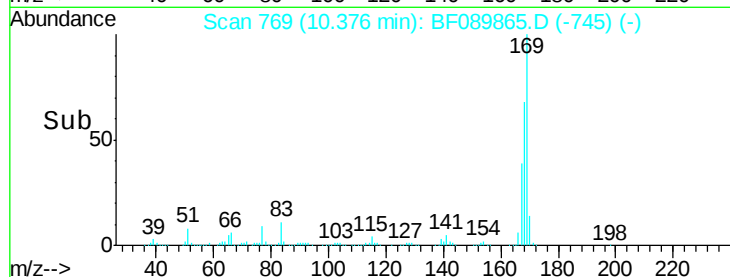
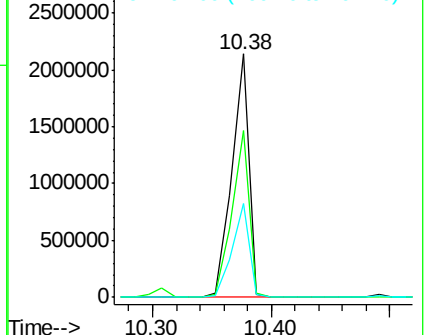
167 38.7 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.80 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

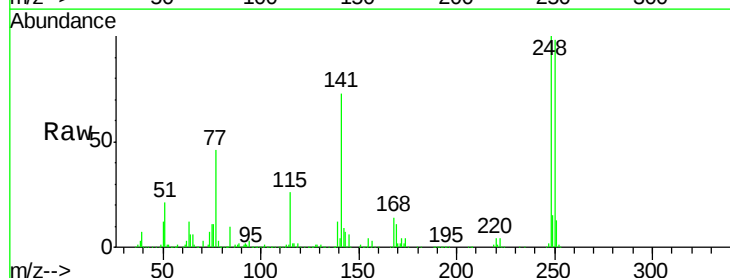
Tgt Ion:248 Resp: 660168

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

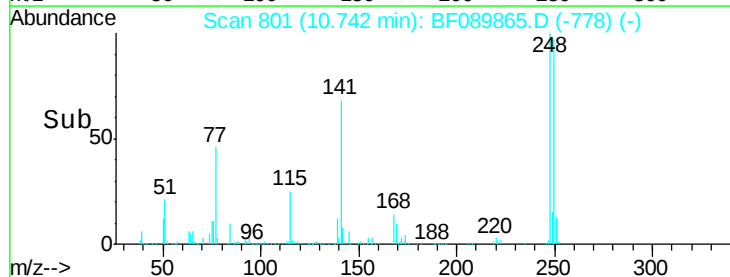
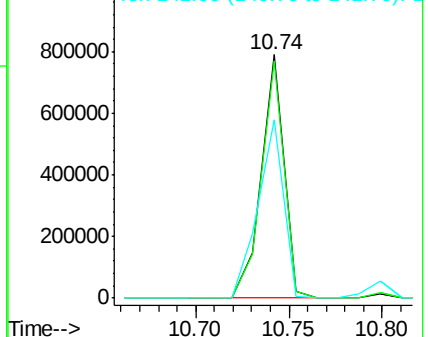
141 73.5 31.4 47.2#

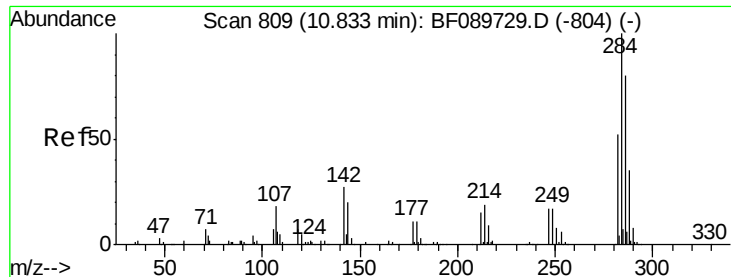


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.62 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

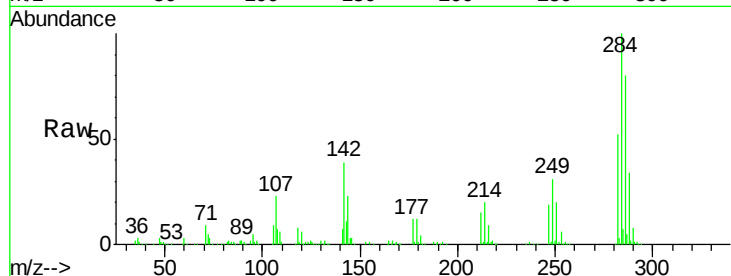
Tot Ion:284 Resp: 693751

Ion Ratio Lower Upper

284 100

142 39.2 17.4 26.2#

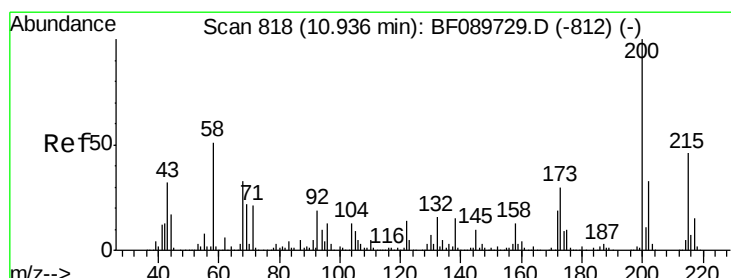
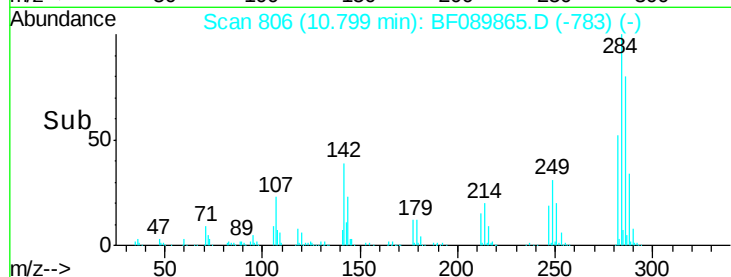
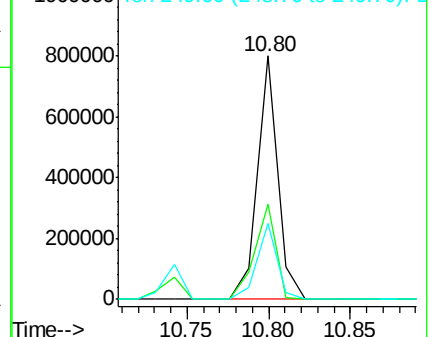
249 31.0 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.13 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

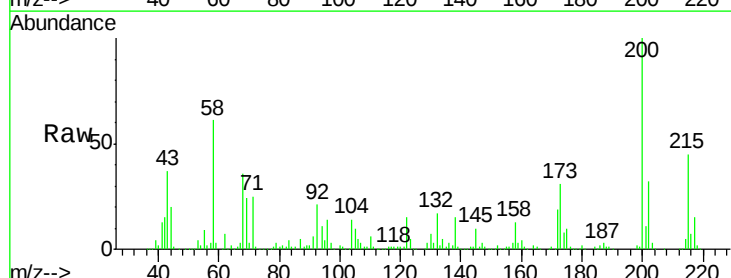
Tgt Ion:200 Resp: 565302

Ion Ratio Lower Upper

200 100

173 30.8 6.6 46.6

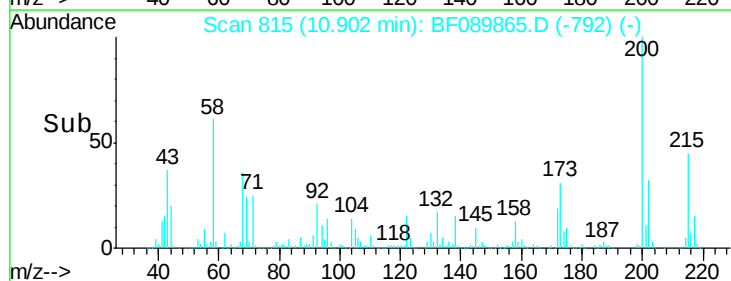
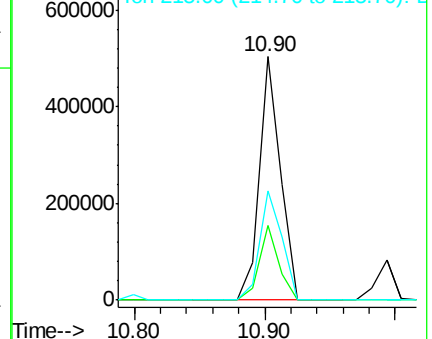
215 45.0 24.7 64.7

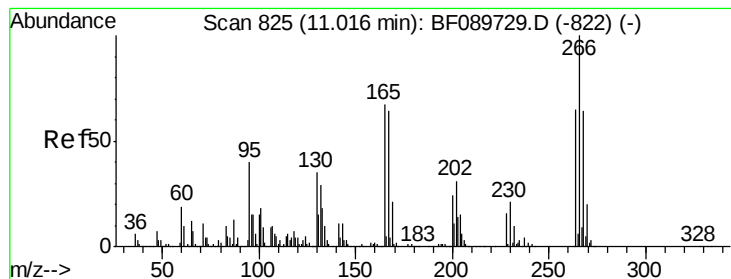


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 37.39 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

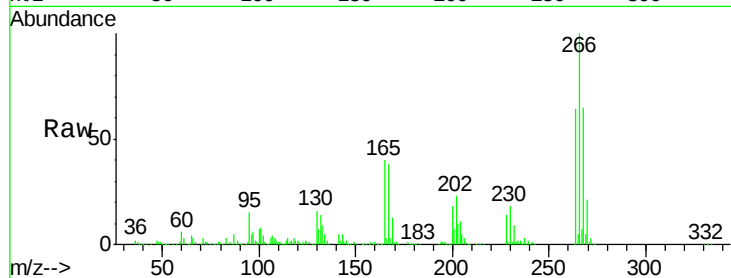
Tot Ion:266 Resp: 429499

Ion Ratio Lower Upper

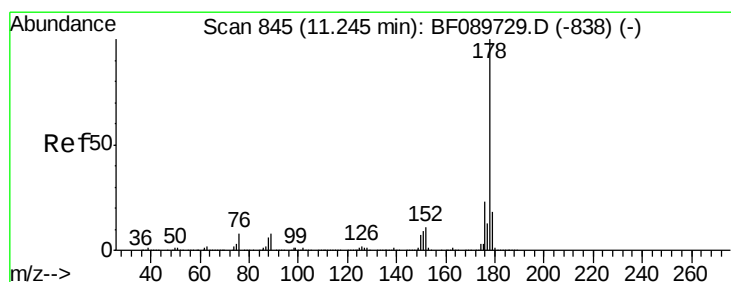
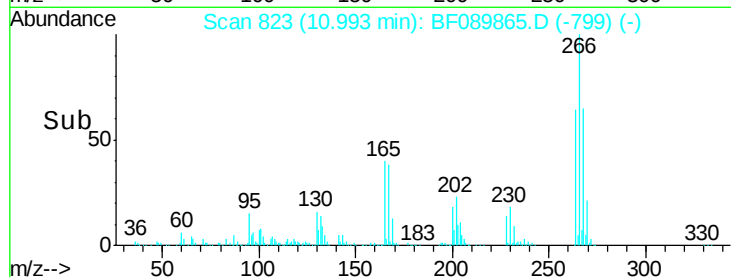
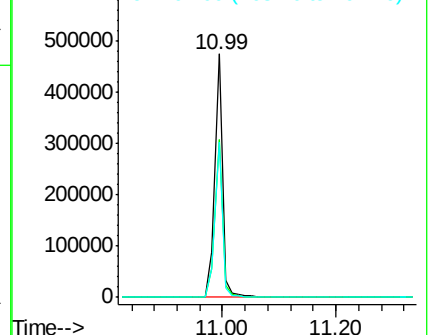
266 100

268 64.9 53.2 79.8

264 63.5 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 40.38 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

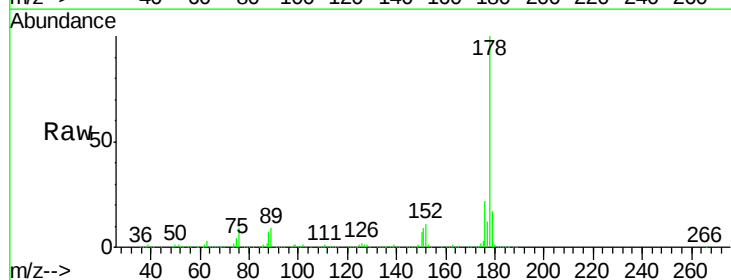
Tgt Ion:178 Resp: 3178607

Ion Ratio Lower Upper

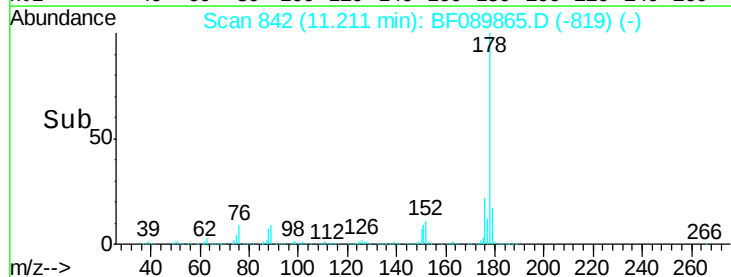
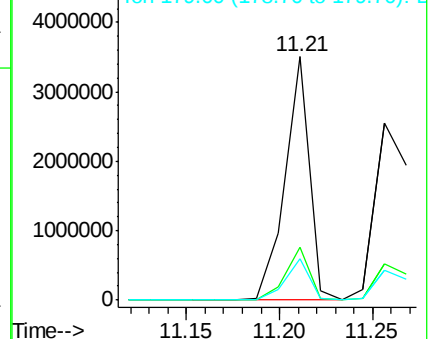
178 100

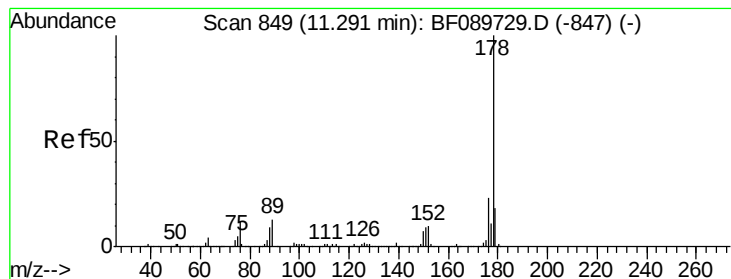
176 21.8 16.4 24.6

179 17.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.19 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

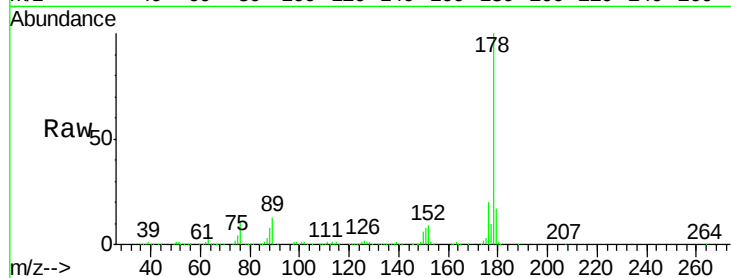
Tot Ion:178 Resp: 3223889

Ion Ratio Lower Upper

178 100

176 20.2 16.4 24.6

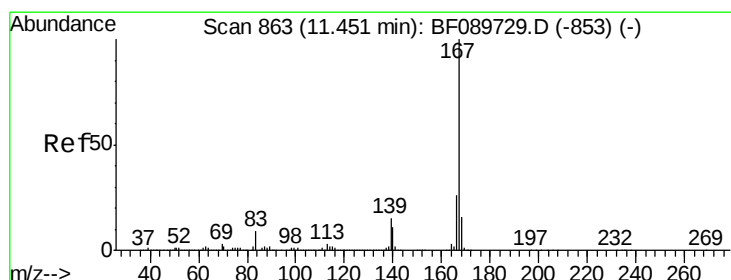
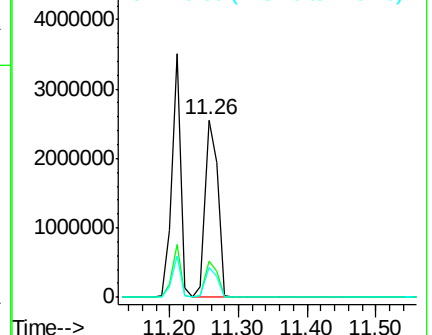
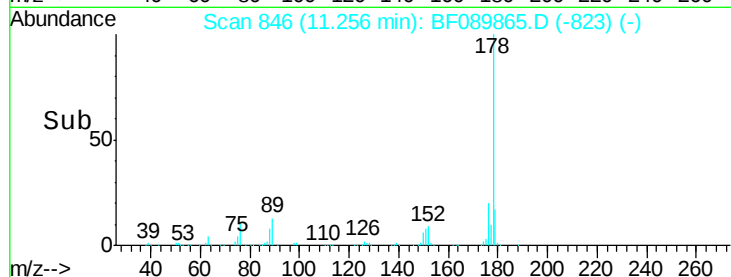
179 16.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.95 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

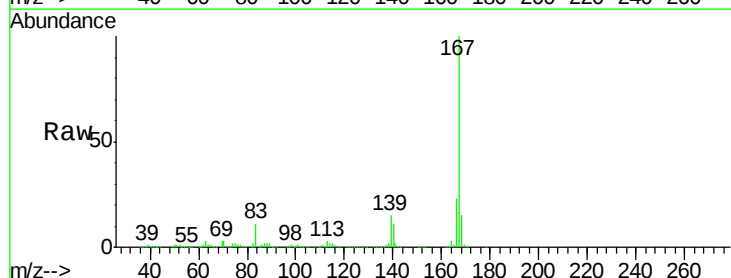
Tgt Ion:167 Resp: 2801880

Ion Ratio Lower Upper

167 100

166 23.4 17.9 26.9

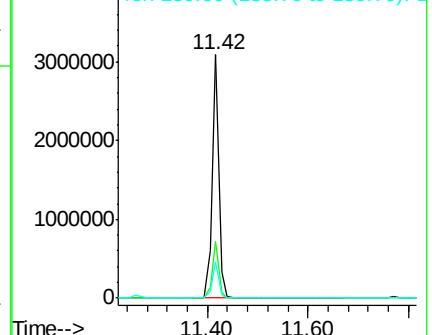
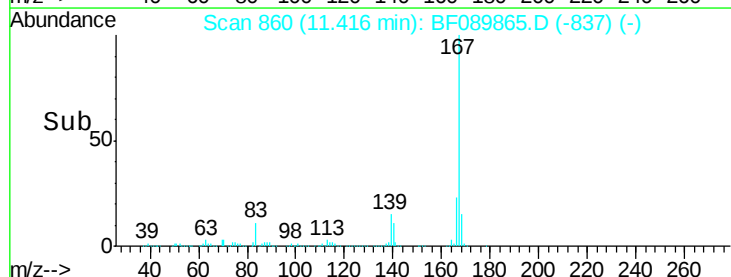
139 14.8 12.4 18.6

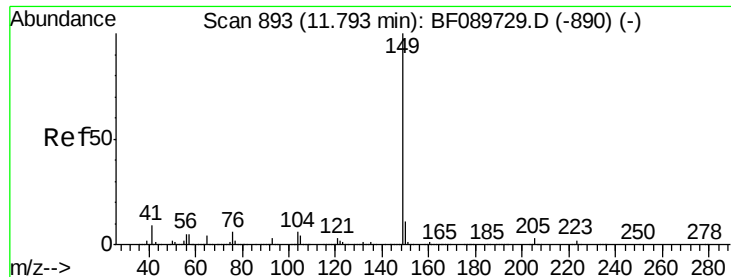


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.43 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

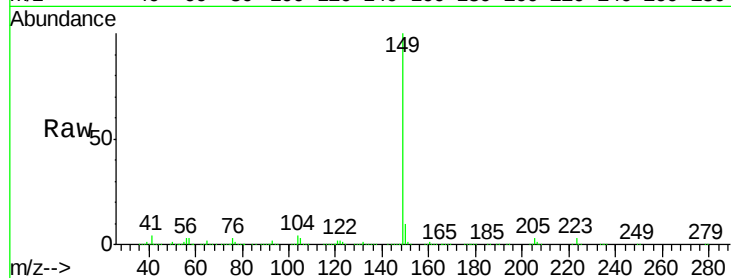
Tot Ion:149 Resp: 4022131

Ion Ratio Lower Upper

149 100

150 10.4 7.9 11.9

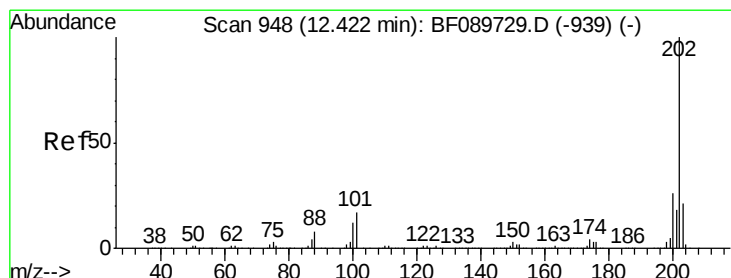
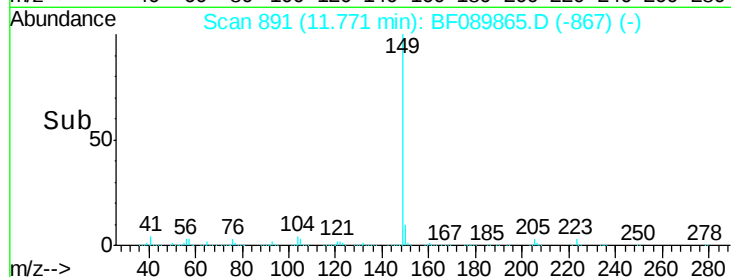
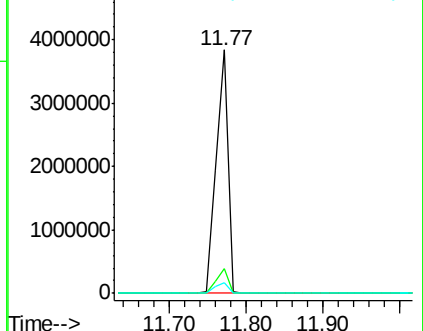
104 4.3 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.00 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

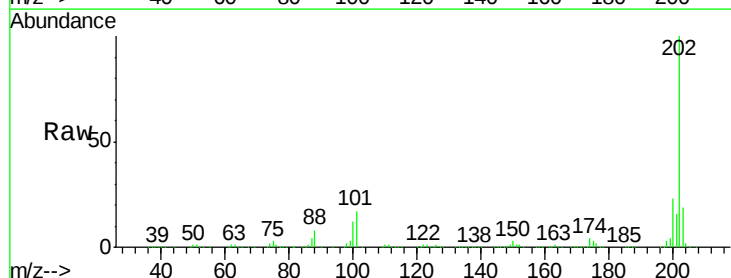
Tgt Ion:202 Resp: 3164480

Ion Ratio Lower Upper

202 100

101 16.5 0.0 31.2

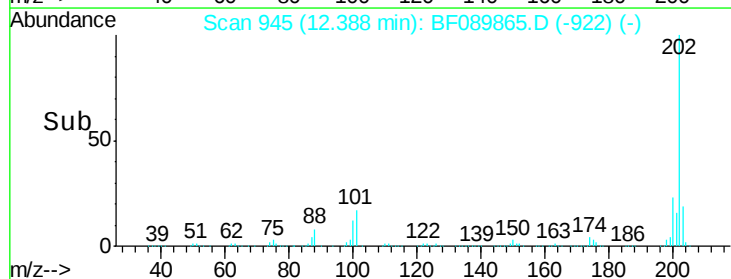
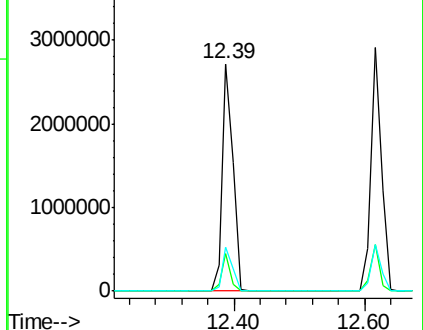
203 19.1 0.0 38.1

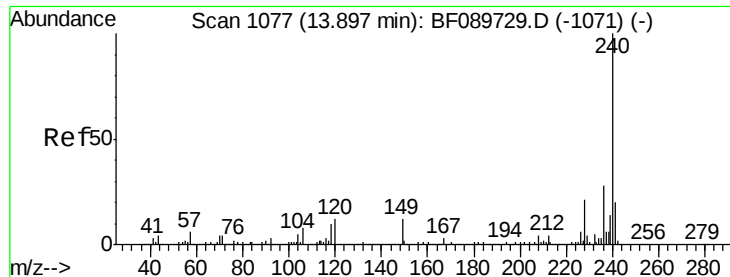


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

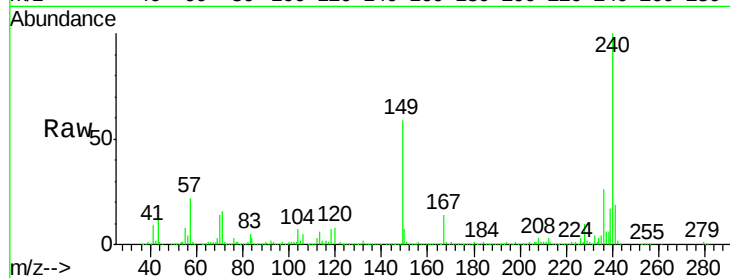
Tot Ion:240 Resp: 1301776

Ion Ratio Lower Upper

240 100

120 8.4 8.3 12.5

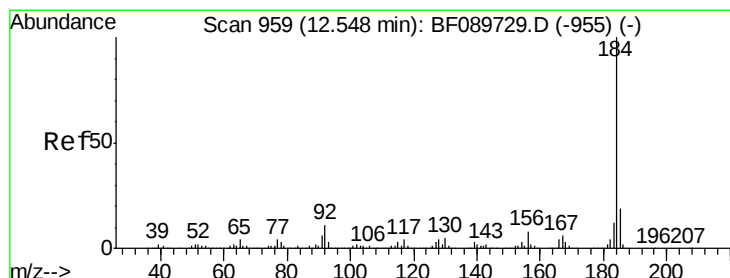
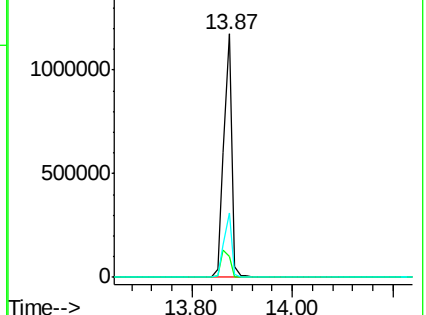
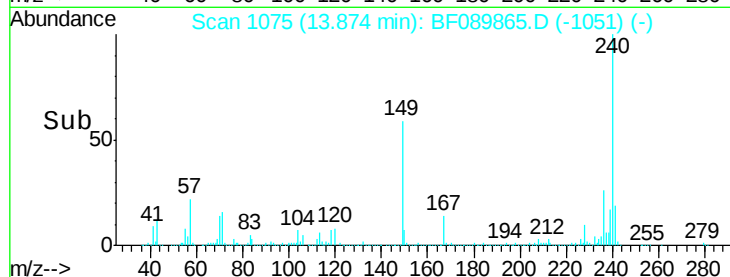
236 26.5 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.04 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

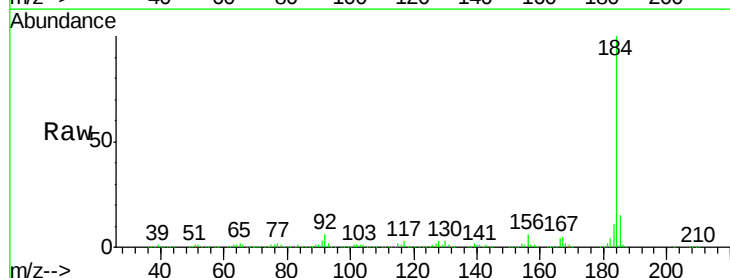
Tgt Ion:184 Resp: 1777424

Ion Ratio Lower Upper

184 100

185 15.5 13.8 20.8

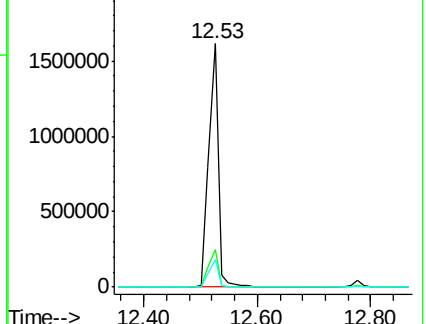
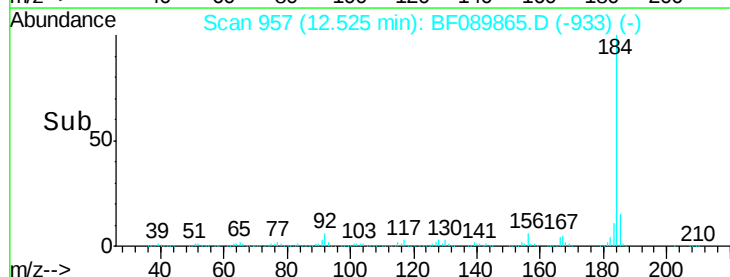
183 11.3 9.7 14.5

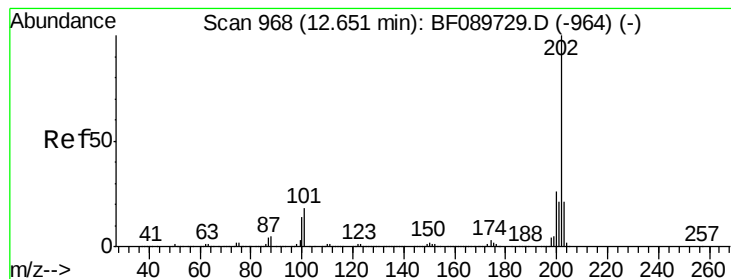


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.45 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

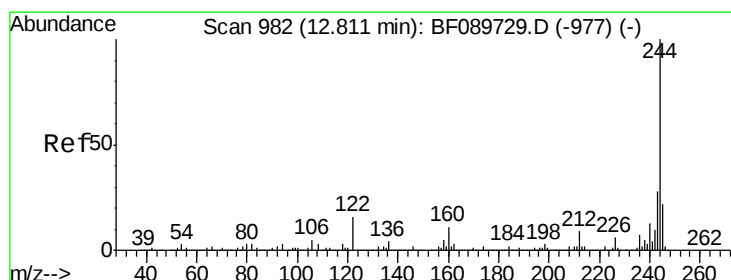
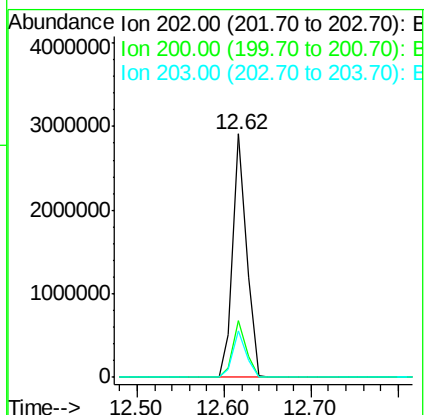
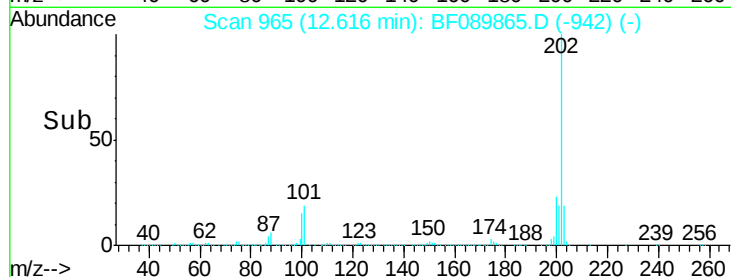
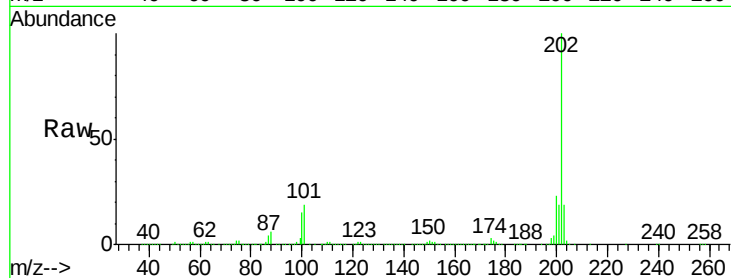
Tot Ion:202 Resp: 3189949

Ion Ratio Lower Upper

202 100

200 23.3 17.8 26.6

203 19.0 14.2 21.4



#78

Terphenyl-d14

Concen: 77.49 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

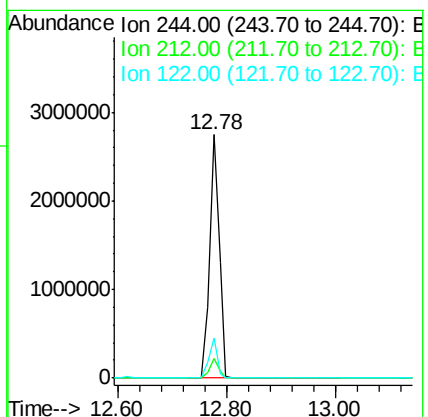
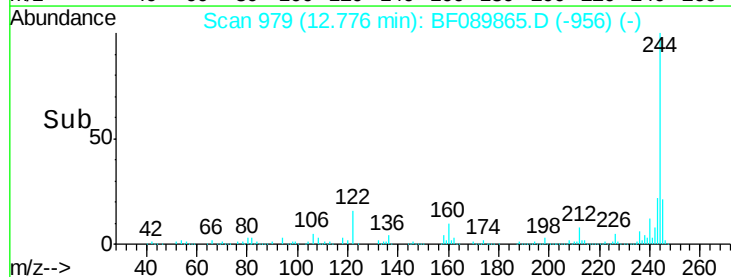
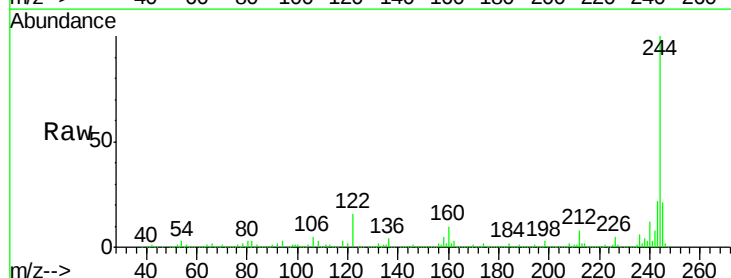
Tgt Ion:244 Resp: 3376580

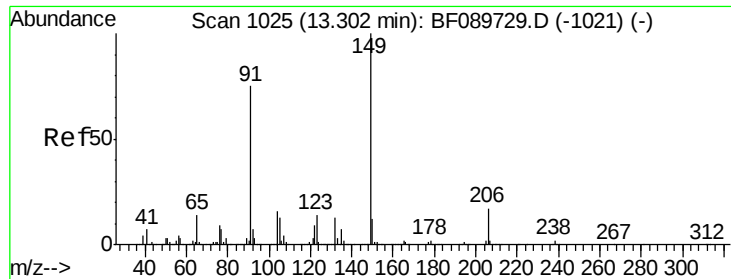
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

122 16.3 12.0 18.0

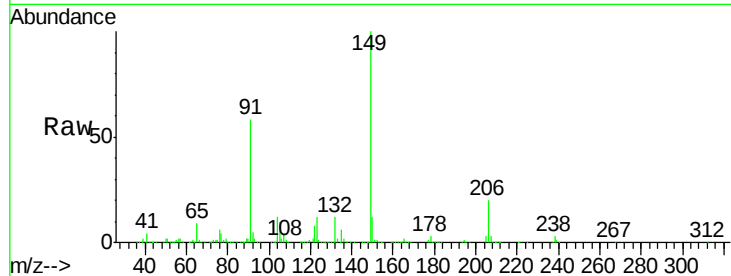




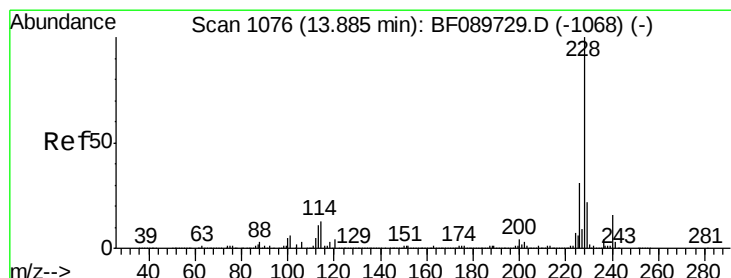
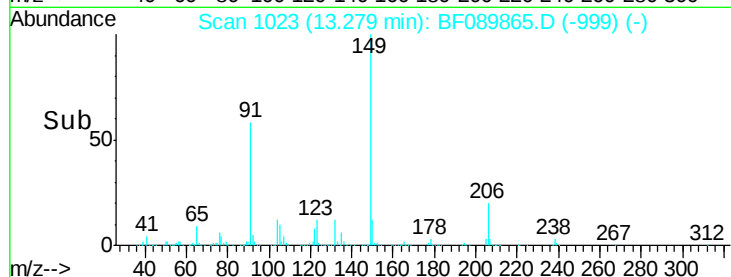
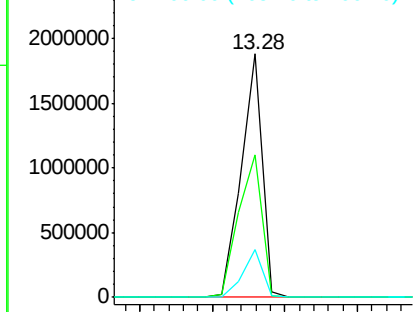
#79
Butylbenzylphthalate
Concen: 44.14 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1886502
Ion Ratio Lower Upper
149 100
91 58.4 50.7 76.1
206 19.7 15.5 23.3

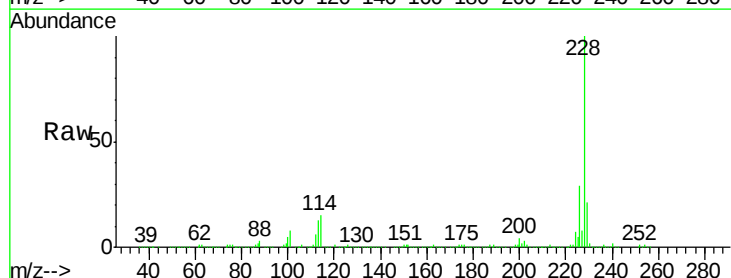


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

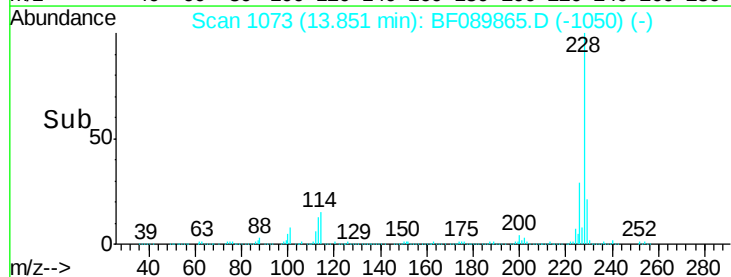
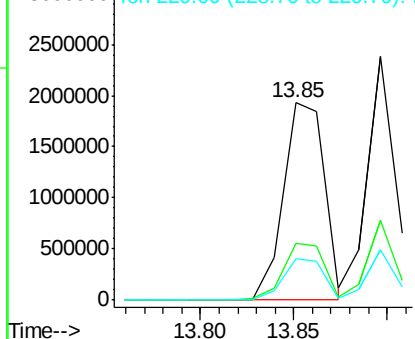


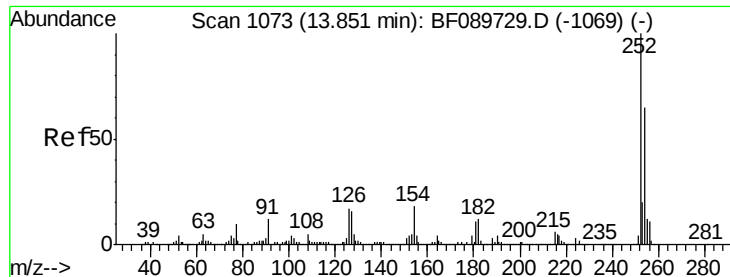
#80
Benzo(a)anthracene
Concen: 39.16 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:228 Resp: 2961879
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 21.2 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 40.18 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

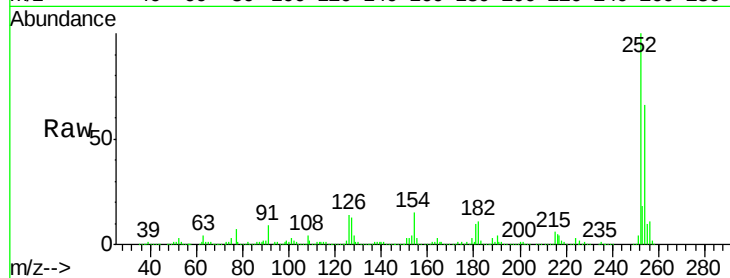
Tot Ion:252 Resp: 1107396

Ion	Ratio	Lower	Upper
252	100		
254	65.9	50.6	75.8
126	13.8	12.6	18.8

252 100

254 65.9 50.6 75.8

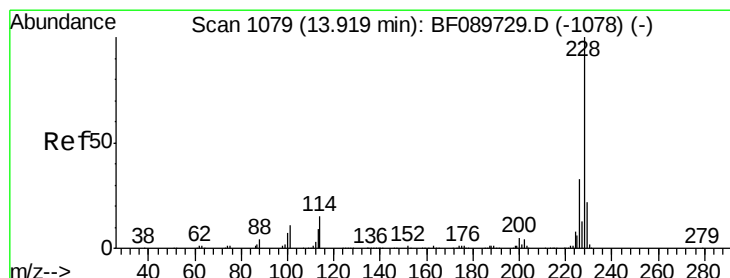
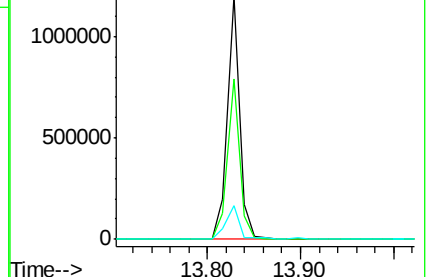
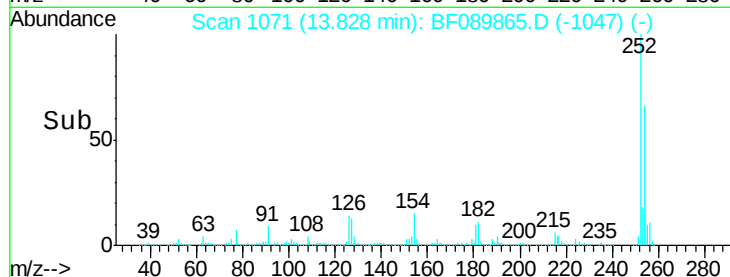
126 13.8 12.6 18.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.52 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

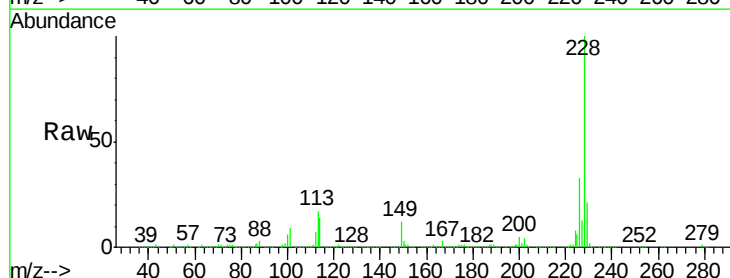
Tgt Ion:228 Resp: 2485689

Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.0
229	20.8	16.5	24.7

228 100

226 32.7 25.4 38.0

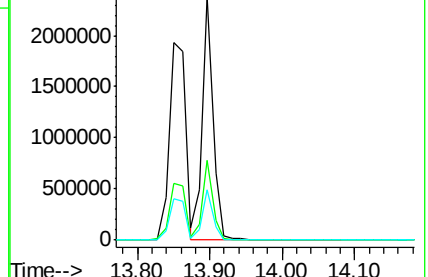
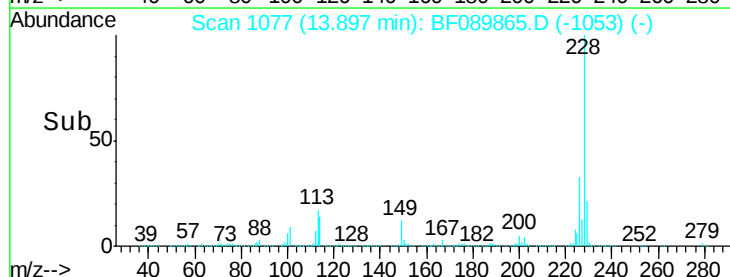
229 20.8 16.5 24.7

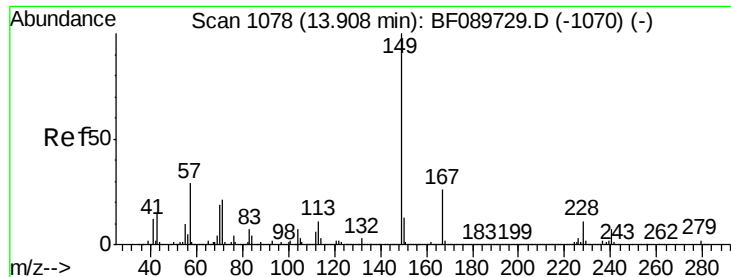


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

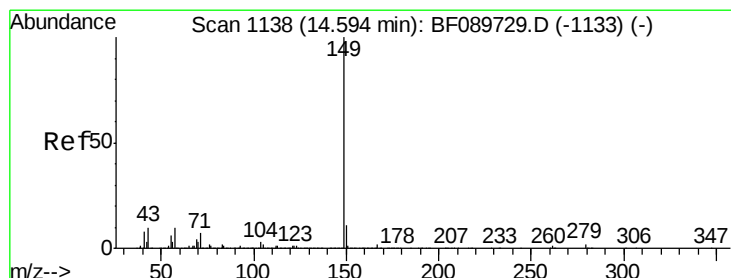
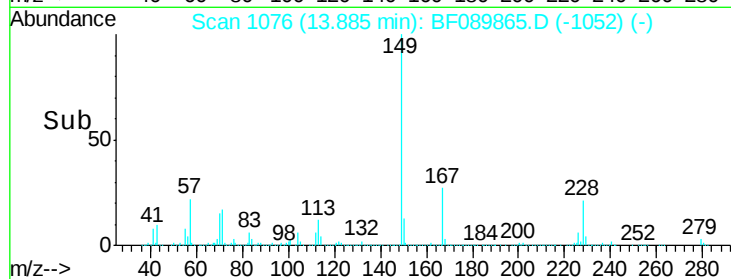
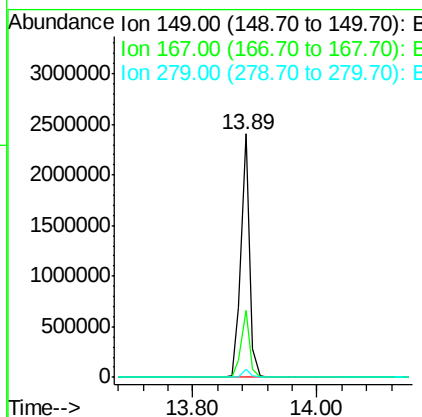
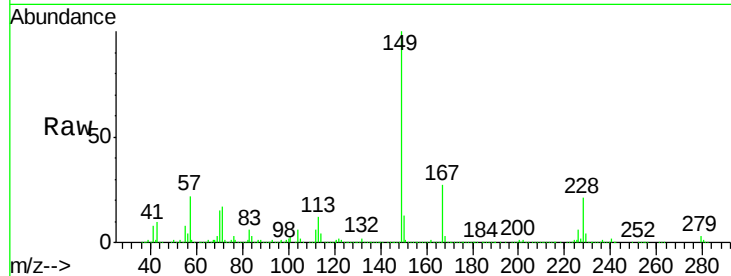




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.65 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

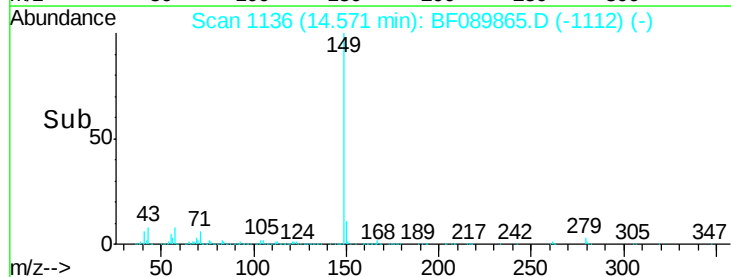
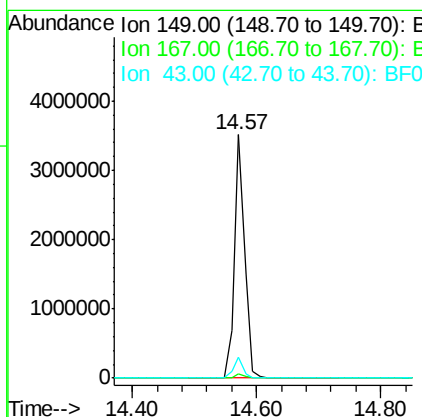
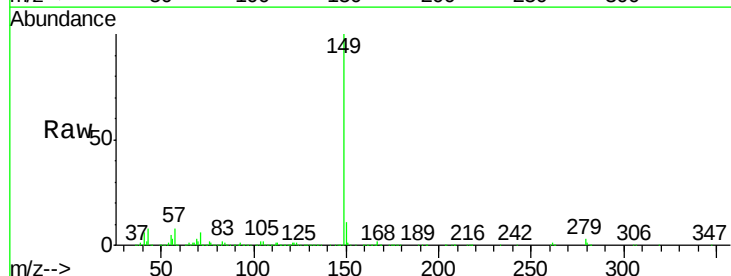
Instrument :
 BNA_F
 ClientSampleId :

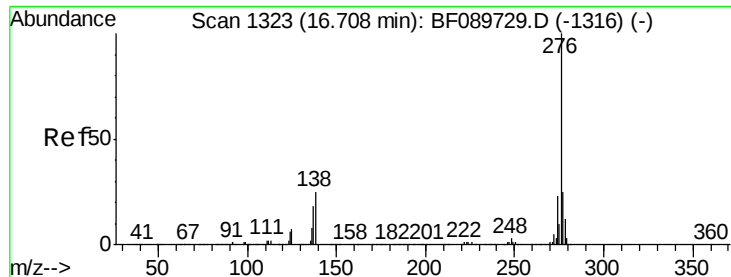
Tot Ion:149 Resp: 2355528
 Ion Ratio Lower Upper
 149 100
 167 27.5 21.2 31.8
 279 3.1 2.9 4.3



#84
 Di-n-octyl phthalate
 Concen: 45.82 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF089865.D
 Acq: 24 Aug 2016 11:03

Tgt Ion:149 Resp: 4028368
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.9 8.4 12.6#

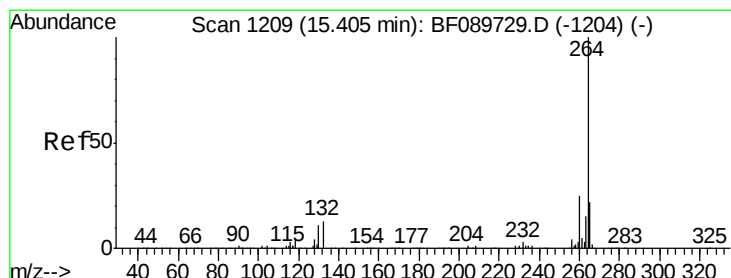
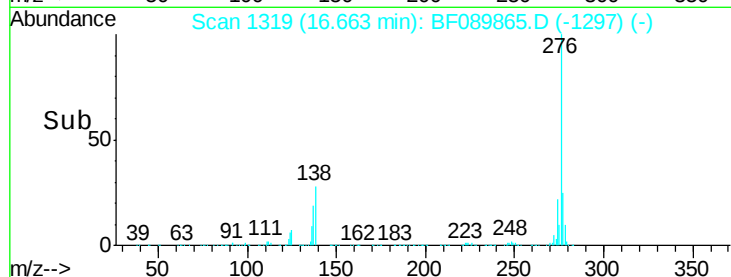
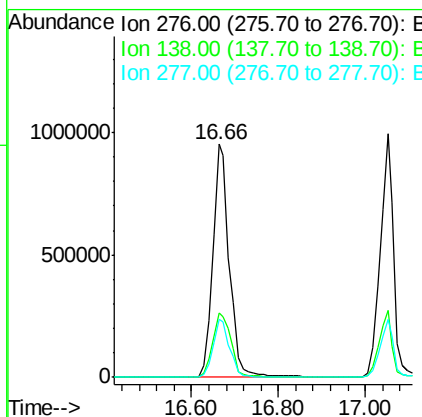
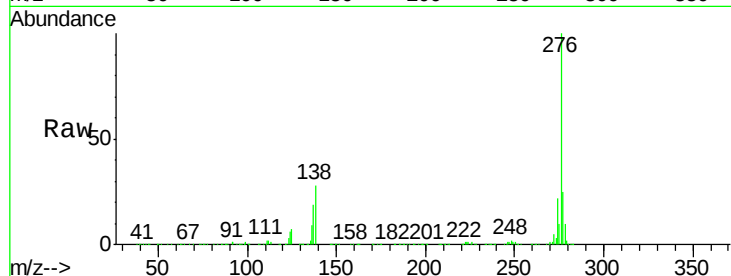




#85
Indeno(1,2,3-cd)pyrene
Concen: 44.47 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.05 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

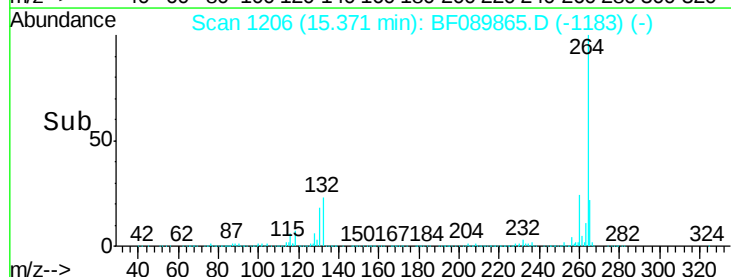
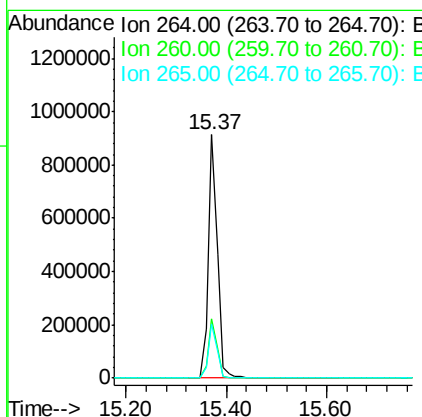
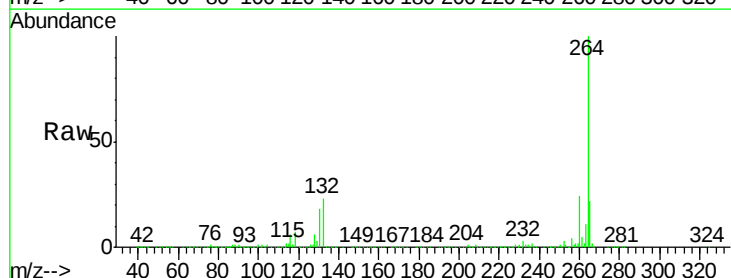
Instrument :
BNA_F
ClientSampleId :

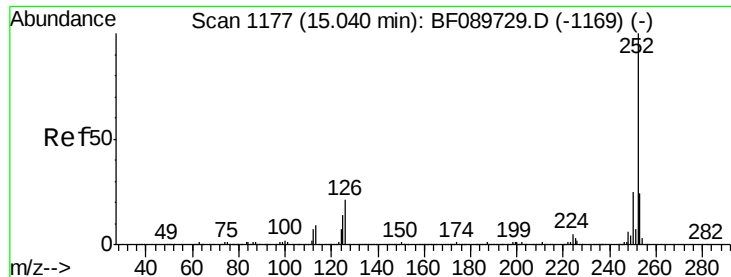
Tot Ion:276 Resp: 2579139
Ion Ratio Lower Upper
276 100
138 30.9 24.6 36.8
277 25.2 20.4 30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.03 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:264 Resp: 1135876
Ion Ratio Lower Upper
264 100
260 24.3 20.2 30.2
265 22.2 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 35.13 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

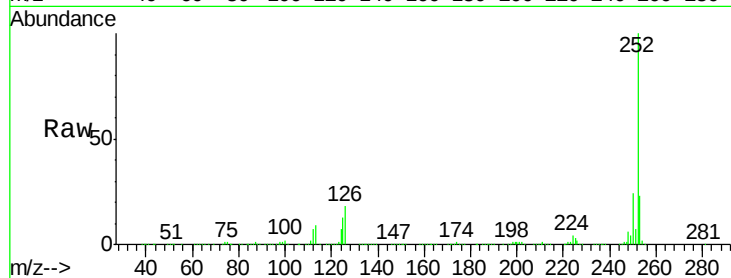
Tot Ion:252 Resp: 2528425

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

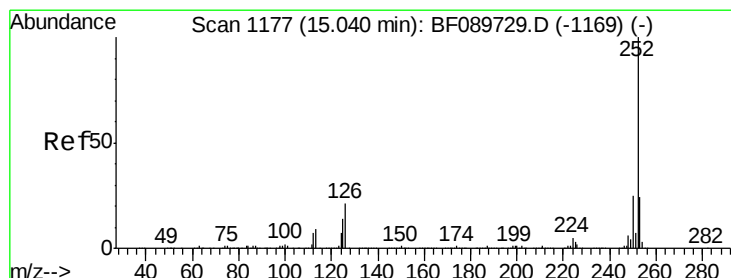
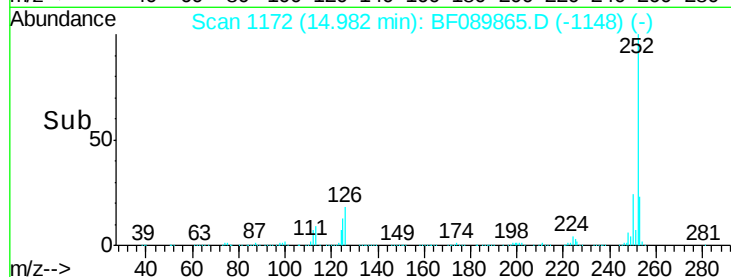
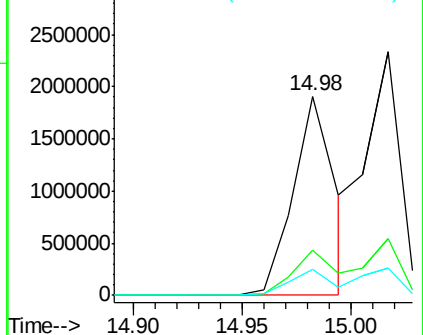
125 13.3 11.4 17.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.68 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.06 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

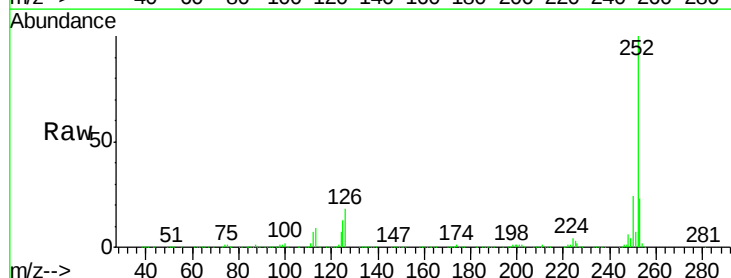
Tgt Ion:252 Resp: 2528425

Ion Ratio Lower Upper

252 100

253 22.7 18.4 27.6

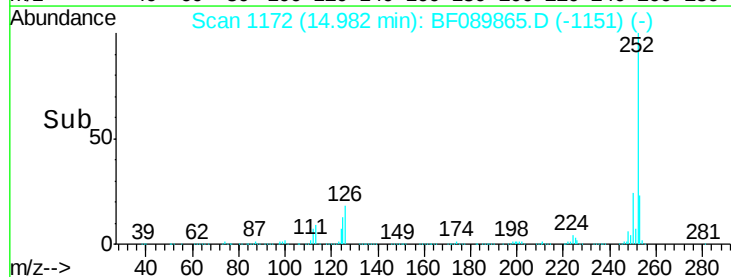
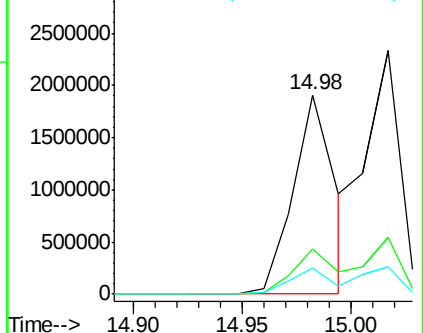
125 13.3 9.8 14.6

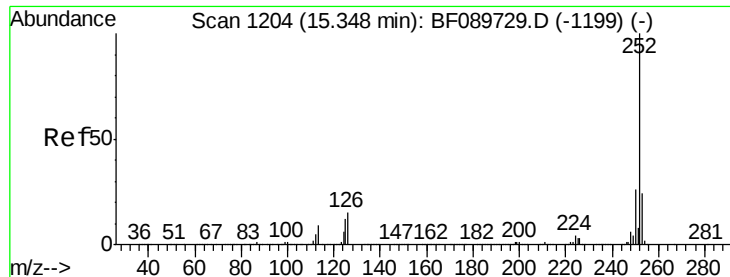


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

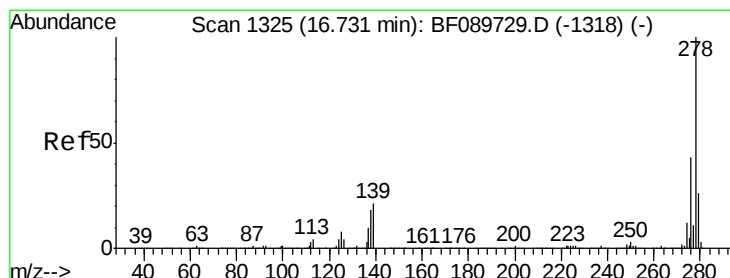
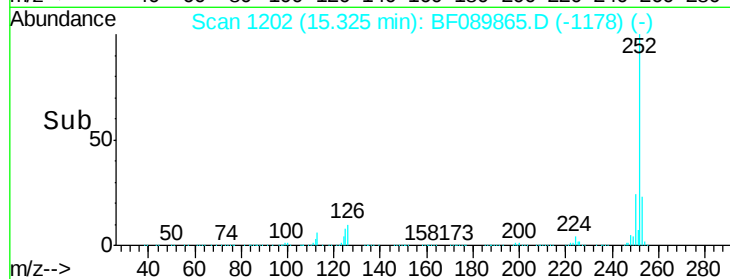
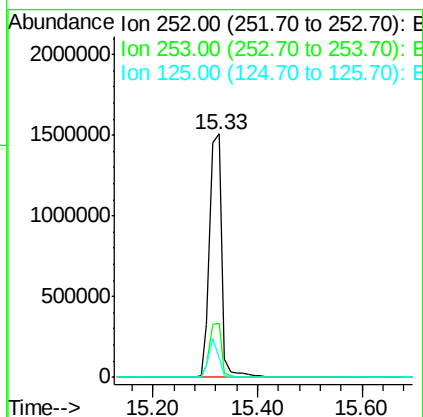
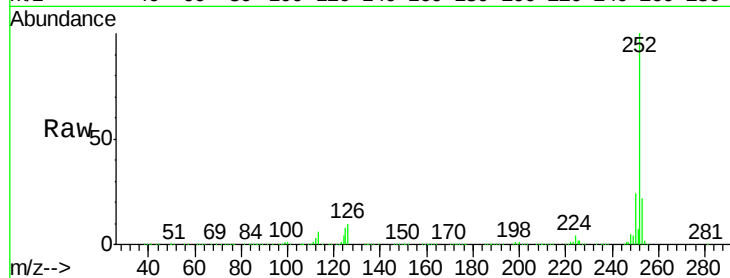




#89
Benzo(a)pyrene
Concen: 40.84 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

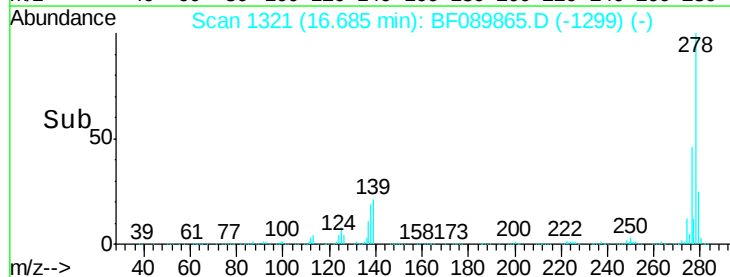
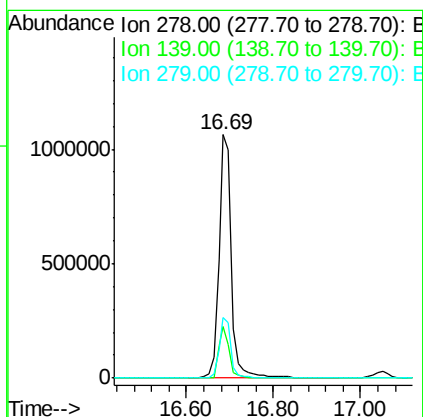
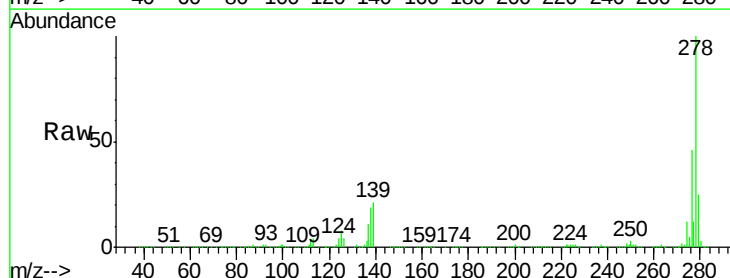
Instrument :
BNA_F
ClientSampleId :

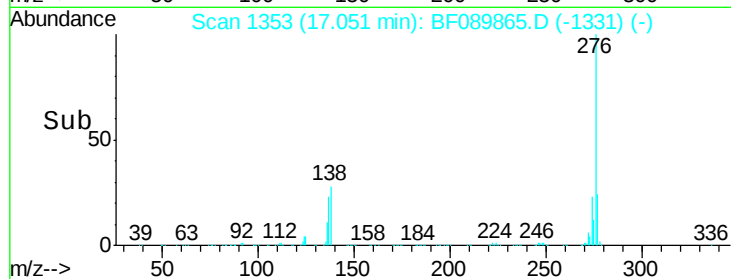
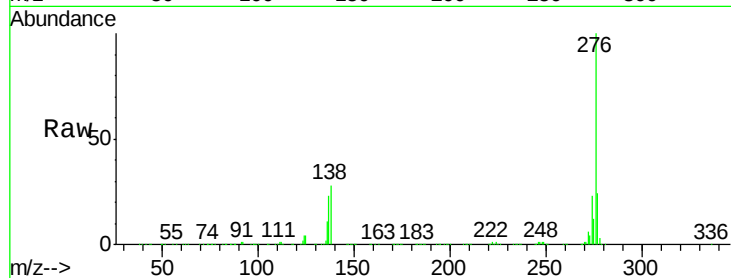
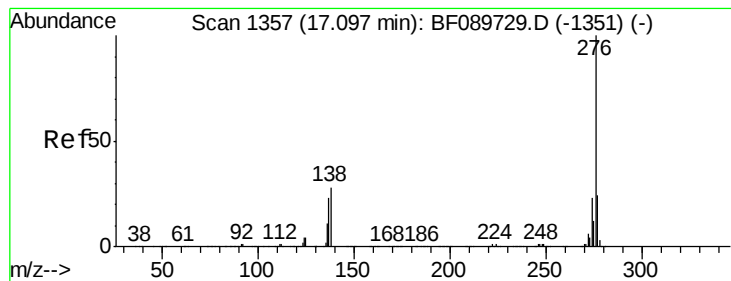
Tot Ion:252 Resp: 2426620
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 8.2 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 46.06 ng
RT: 16.69 min Scan# 1321
Delta R.T. -0.05 min
Lab File: BF089865.D
Acq: 24 Aug 2016 11:03

Tgt Ion:278 Resp: 2154848
Ion Ratio Lower Upper
278 100
139 21.1 14.9 22.3
279 24.7 19.2 28.8





#91

Benzo(a,h,i)perylene

Concen: 45.89 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.05 min

Lab File: BF089865.D

Acq: 24 Aug 2016 11:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 2185237

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	27.7	22.1	33.1

