

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089878.D
 Acq On : 24 Aug 2016 16:55
 Operator : UM/SJ
 Sample : PB93061BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:43:21 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	6.66	152	409033	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	1645721	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	788148	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	1420523	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	1043361	20.00	ng	-0.06
86) Perylene-d12	15.31	264	910283	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2856219	116.51	ng	-0.03
7) Phenol-d6	6.31	99	3199601	102.61	ng	-0.02
23) Nitrobenzene-d5	7.23	82	1893144	70.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	801700	105.14	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3678568	74.89	ng	-0.03
78) Terphenyl-d14	12.78	244	3132809	89.70	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	386917	30.57	ng	95
3) Pyridine	2.83	79	1168741	35.84	ng	91
4) n-Nitrosodimethylamine	2.79	42	437755	33.44	ng	# 85
6) Aniline	6.33	93	1143292	27.28	ng	99
8) 2-Chlorophenol	6.44	128	1043866	35.80	ng	99
9) Benzaldehyde	6.20	77	240264	11.63	ng	87
10) Phenol	6.32	94	1197494	30.85	ng	99
11) bis(2-Chloroethyl)ether	6.41	93	1069142	37.18	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1121541	35.98	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1185151	37.53	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1056110	35.08	ng	98
15) Benzyl Alcohol	6.81	79	822730	39.48	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1139563	30.20	ng	93
17) 2-Methylphenol	6.94	107	939662	40.56	ng	95
18) Hexachloroethane	7.19	117	419295	36.23	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	761488	37.29	ng	# 88
20) 3+4-Methylphenols	7.08	107	1122332	37.83	ng	94
22) Acetophenone	7.08	105	1314575	34.36	ng	# 90
24) Nitrobenzene	7.26	77	1198486	39.53	ng	91
25) Isophorone	7.50	82	1974779	36.62	ng	96
26) 2-Nitrophenol	7.58	139	597699	41.90	ng	98
27) 2,4-Dimethylphenol	7.62	122	1086572	40.19	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1186062	36.19	ng	98
29) 2,4-Dichlorophenol	7.82	162	949376	42.17	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	906908	37.53	ng	99
31) Naphthalene	7.98	128	2965251	40.14	ng	99
32) Benzoic acid	7.74	122	532098	25.31	ng	97
33) 4-Chloroaniline	8.02	127	564627	16.52	ng	# 86
34) Hexachlorobutadiene	8.10	225	480402	37.84	ng	99
35) Caprolactam	8.40	113	280872	40.48	ng	# 80
36) 4-Chloro-3-methylphenol	8.51	107	928512	37.89	ng	90
37) 2-Methylnaphthalene	8.67	142	2075832	41.28	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	670854	26.48	ng	99
40) Hexachlorocyclopentadiene	8.83	237	850548	75.32	ng	97

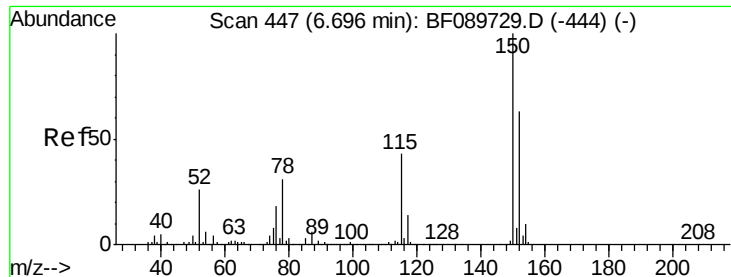
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
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 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	631651	38.59	nq	100
43) 2,4,5-Trichlorophenol	8.99	196	632562	40.53	nq	# 93
45) 1,1'-Biphenyl	9.13	154	2068188	31.68	nq	99
46) 2-Chloronaphthalene	9.15	162	1786734	36.53	nq	98
47) 2-Nitroaniline	9.26	65	613622	41.17	nq	# 64
48) Acenaphthylene	9.56	152	2850808	37.86	nq	99
49) Dimethylphthalate	9.45	163	2172944	38.10	nq	# 98
50) 2,6-Dinitrotoluene	9.50	165	461198	35.73	nq	87
51) Acenaphthene	9.74	154	1991746	39.20	nq	99
52) 3-Nitroaniline	9.66	138	343835	22.91	nq	97
53) 2,4-Dinitrophenol	9.77	184	456106	79.14	nq	# 78
54) Dibenzofuran	9.91	168	2604258	41.65	nq	98
55) 4-Nitrophenol	9.83	139	773000	66.95	nq	90
56) 2,4-Dinitrotoluene	9.90	165	602994	36.34	nq	# 64
57) Fluorene	10.25	166	1724218	34.13	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	550372	45.15	nq	97
59) Diethylphthalate	10.15	149	2228472	38.54	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	777671	31.35	nq	95
61) 4-Nitroaniline	10.27	138	480472	32.97	nq	95
62) Azobenzene	10.41	77	2141606	39.20	nq	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	287666	34.88	nq	# 58
65) n-Nitrosodiphenylamine	10.38	169	1857356	41.67	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	580043	39.43	nq	# 89
67) Hexachlorobenzene	10.80	284	619348	37.87	nq	# 87
68) Atrazine	10.90	200	486543	36.03	nq	97
69) Pentachlorophenol	10.99	266	662465	65.02	nq	97
70) Phenanthrene	11.21	178	2966461	42.49	nq	97
71) Anthracene	11.26	178	2699943	37.01	nq	99
72) Carbazole	11.42	167	2723684	39.40	nq	97
73) Di-n-butylphthalate	11.77	149	3346838	39.81	nq	# 98
74) Fluoranthene	12.39	202	2671296	38.08	nq	94
76) Benzidine	12.51	184	1151668	30.75	nq	97
77) Pyrene	12.62	202	2846865	41.69	nq	97
79) Butylbenzylphthalate	13.27	149	1575622	46.00	nq	93
80) Benzo(a)anthracene	13.83	228	2476214	40.85	nq	99
81) 3,3'-Dichlorobenzidine	13.81	252	644010	29.16	nq	# 96
82) Chrysene	13.87	228	2201057	40.34	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	2059673	45.44	nq	97
84) Di-n-octyl phthalate	14.53	149	3473434	49.30	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.61	276	2033262	43.74	nq	99
87) Benzo(b)fluoranthene	14.94	252	2359067	40.90	nq	# 95
88) Benzo(k)fluoranthene	14.94	252	2359067	49.69	nq	# 96
89) Benzo(a)pyrene	15.26	252	1904059	39.99	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	1684446	44.92	nq	97
91) Benzo(g,h,i)perylene	16.98	276	1715911	44.96	nq	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

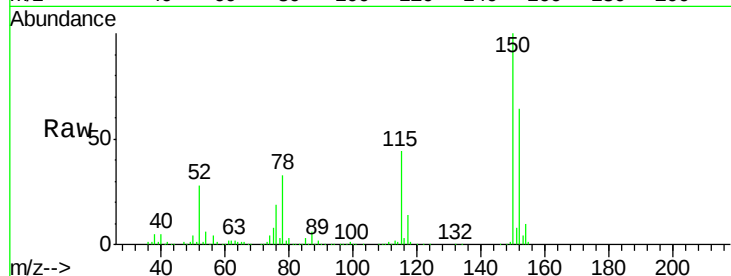
Tot Ion:152 Resp: 409033

Ion Ratio Lower Upper

152 100

150 156.4 125.3 187.9

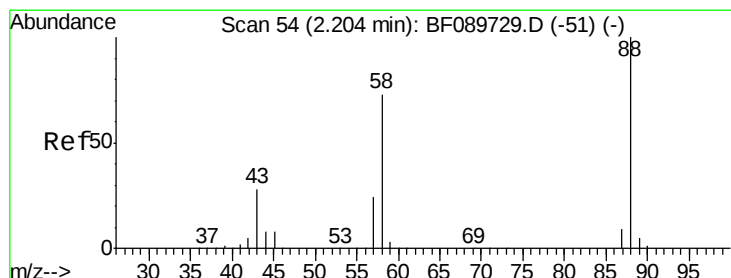
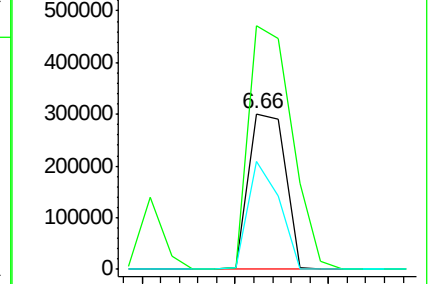
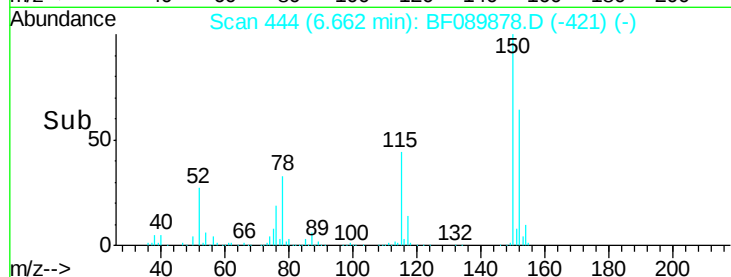
115 69.1 40.9 61.3#



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: 30.57 ng

RT: 2.20 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

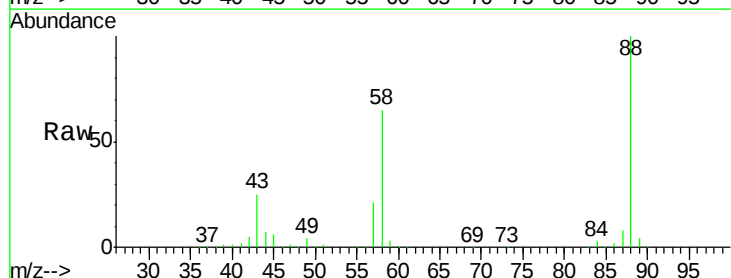
Tgt Ion: 88 Resp: 386917

Ion Ratio Lower Upper

88 100

58 66.7 57.0 85.4

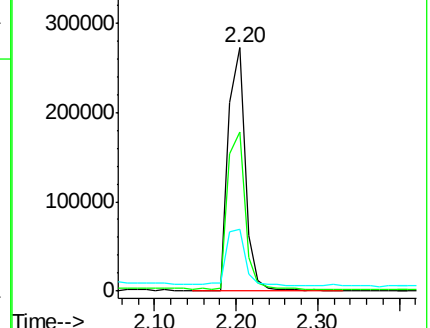
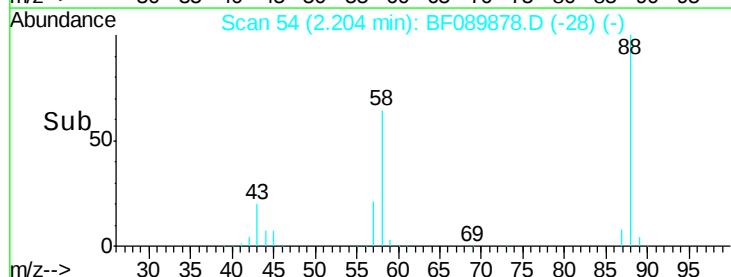
43 25.5 21.8 32.8

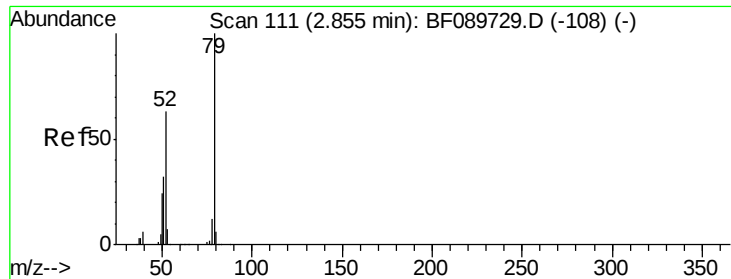


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.84 ng

RT: 2.83 min Scan# 109

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

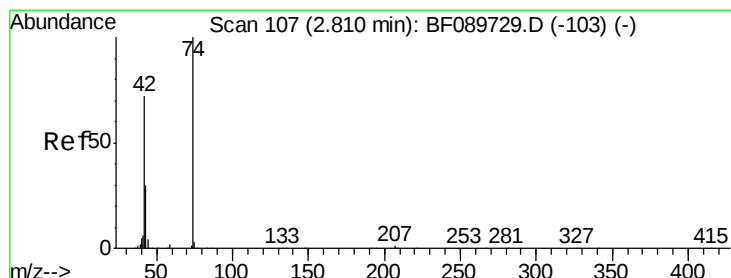
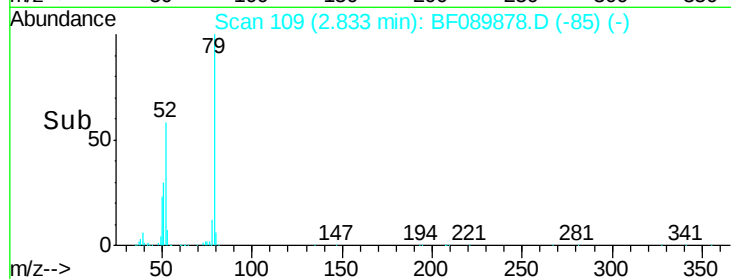
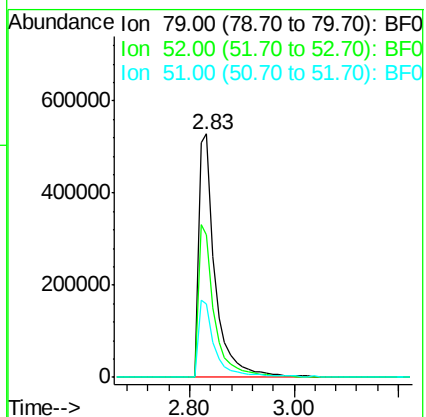
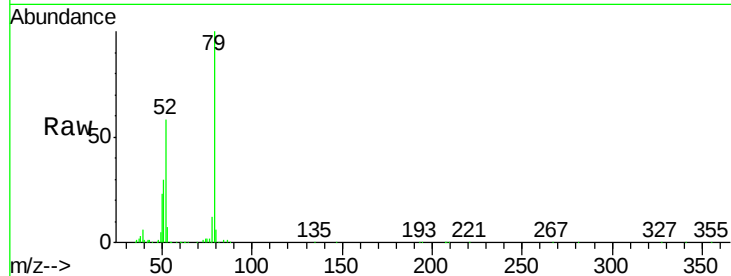
Tot Ion: 79 Resp: 1168741

Ion Ratio Lower Upper

79 100

52 58.4 53.6 80.4

51 30.3 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 33.44 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

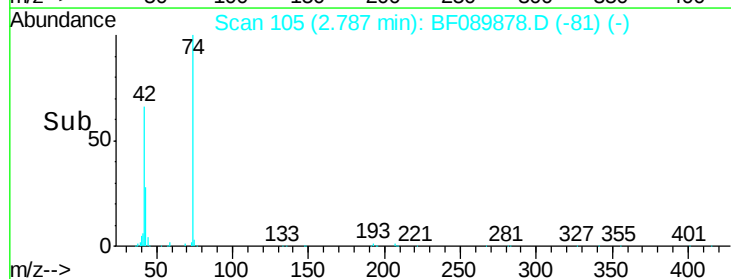
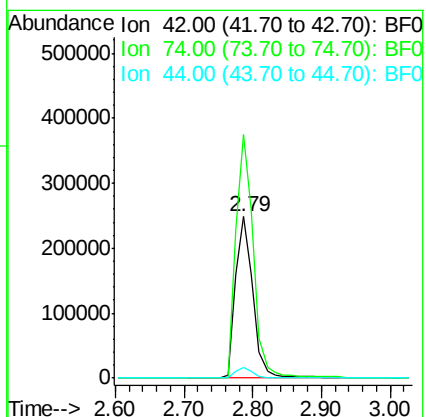
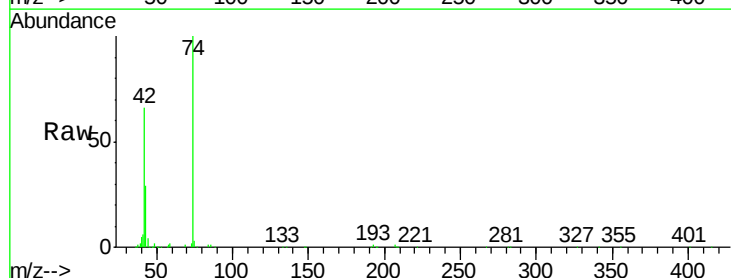
Tgt Ion: 42 Resp: 437755

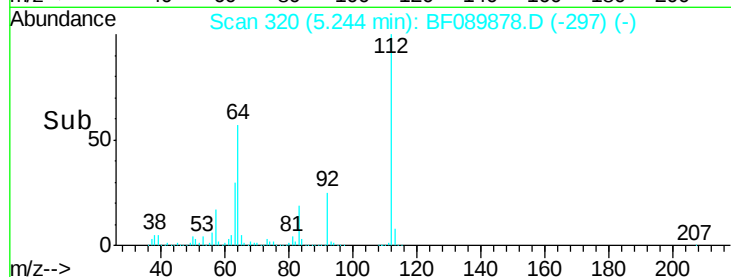
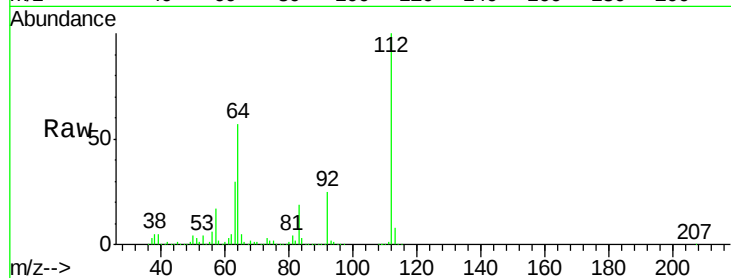
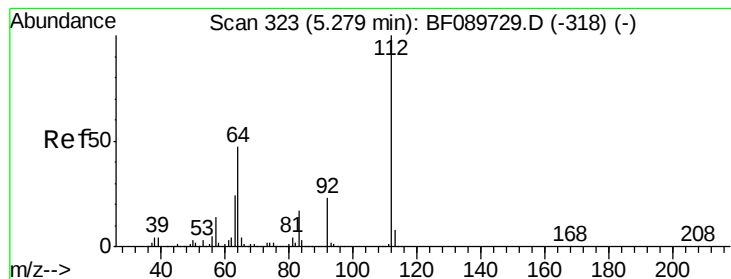
Ion Ratio Lower Upper

42 100

74 150.9 106.2 159.2

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 116.51 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampled :

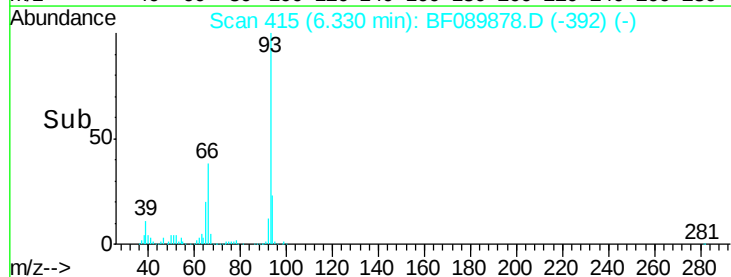
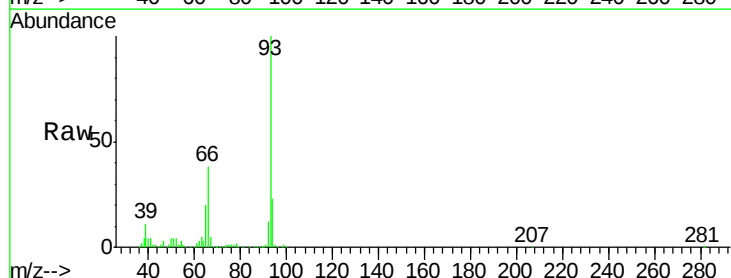
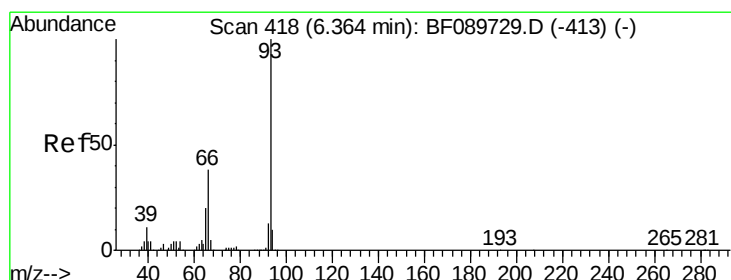
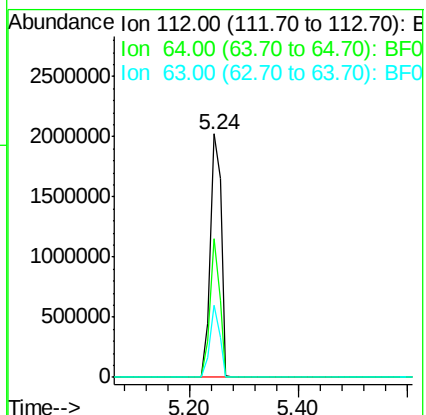
Tot Ion:112 Resp: 2856219

Ion Ratio Lower Upper

112 100

64 56.8 45.0 67.4

63 29.7 23.1 34.7



#6

Aniline

Concen: 27.28 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

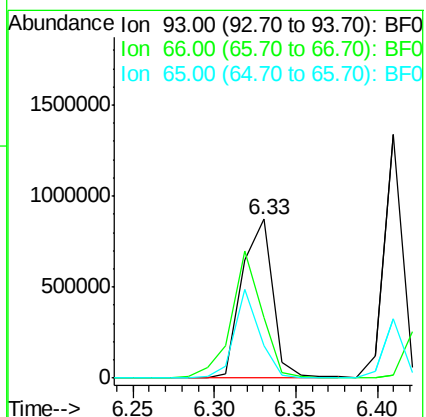
Tgt Ion: 93 Resp: 1143292

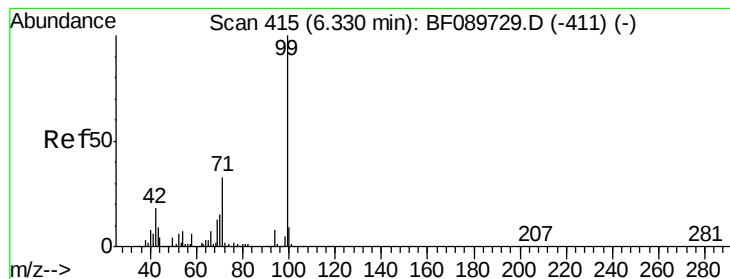
Ion Ratio Lower Upper

93 100

66 38.2 30.6 46.0

65 20.4 15.4 23.2





#7

Phenol-d6

Concen: 102.61 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

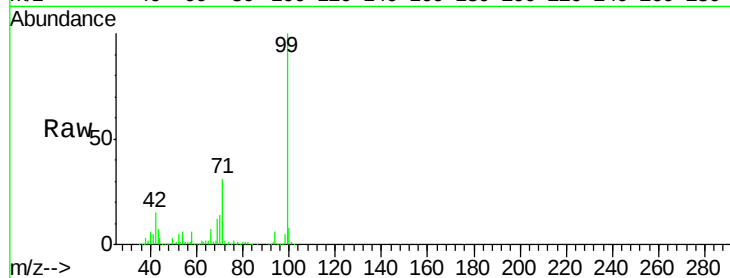
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 3199601

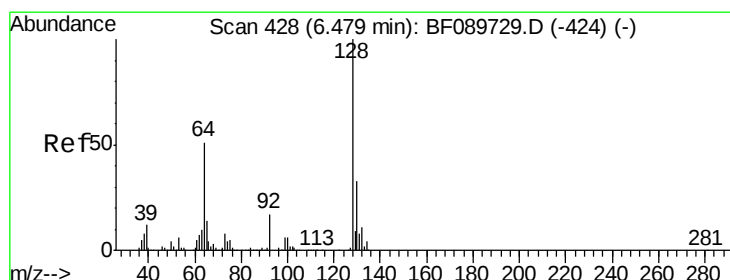
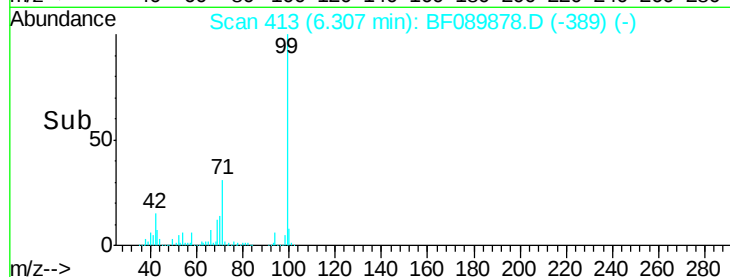
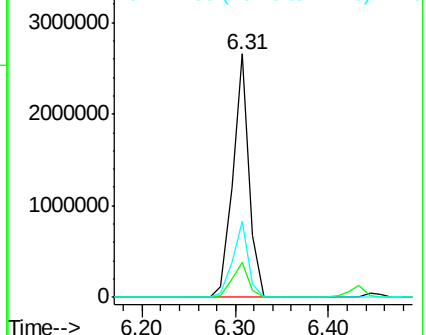
Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.2	18.4
71	31.2	23.8	35.8



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: 35.80 ng

RT: 6.44 min Scan# 425

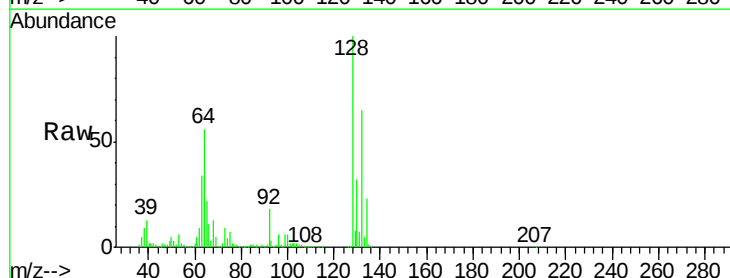
Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion: 128 Resp: 1043866

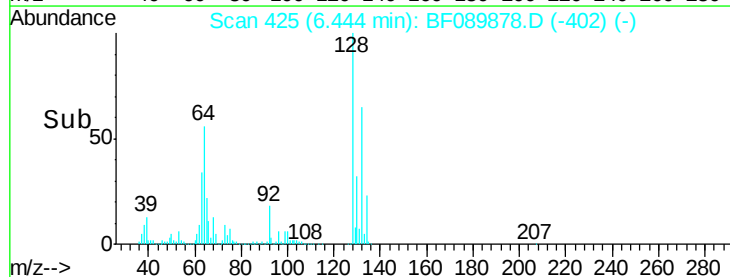
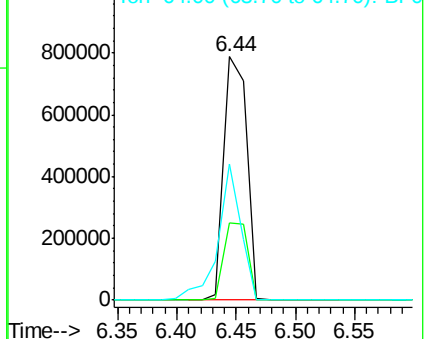
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.0	52.0
64	56.1	35.1	75.1

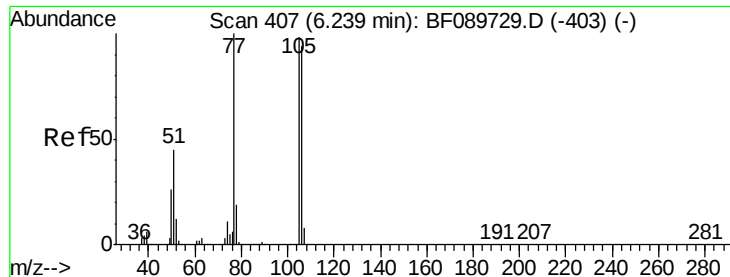


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.63 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampled :

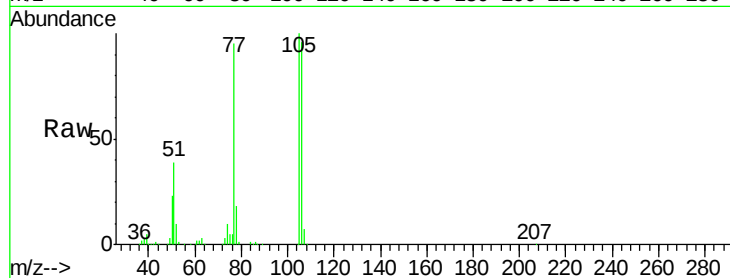
Tot Ion: 77 Resp: 240264

Ion Ratio Lower Upper

77 100

105 104.8 73.3 113.3

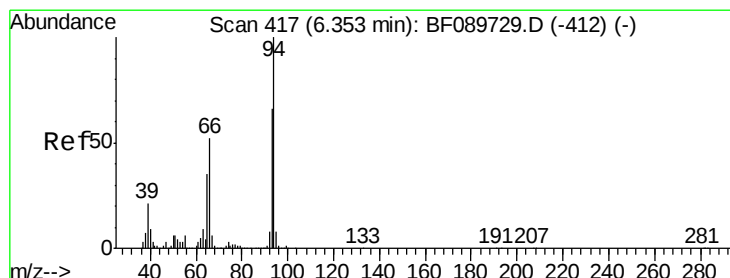
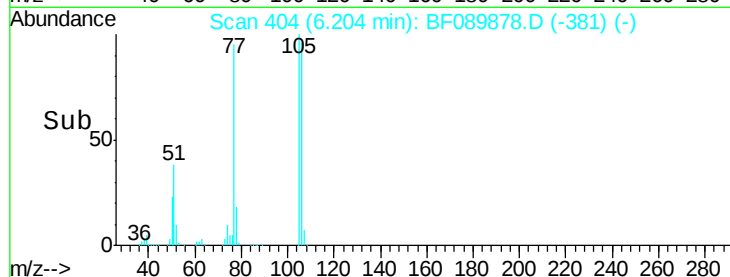
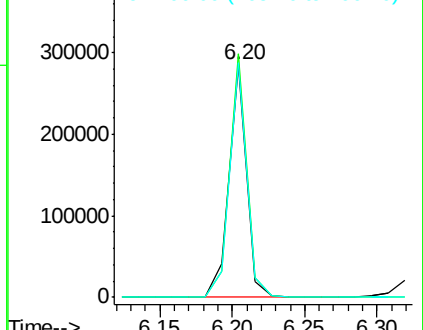
106 100.9 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 30.85 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

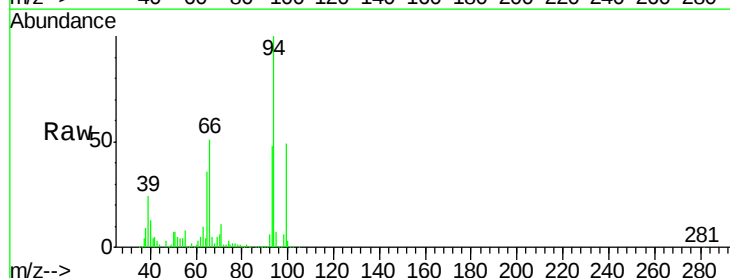
Tgt Ion: 94 Resp: 1197494

Ion Ratio Lower Upper

94 100

65 35.8 14.0 54.0

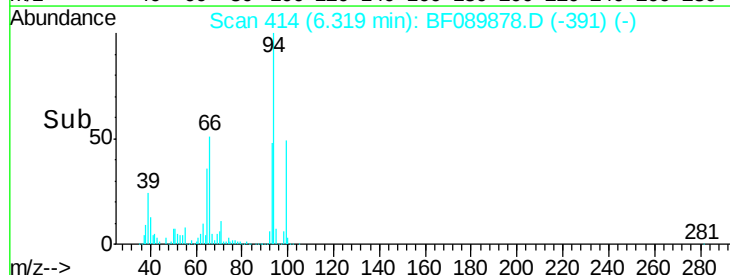
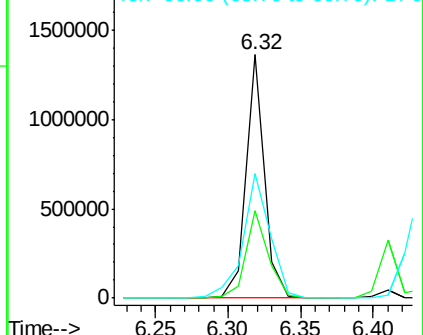
66 51.4 31.2 71.2

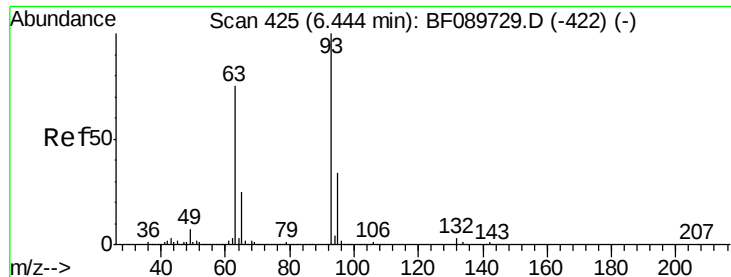


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.18 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

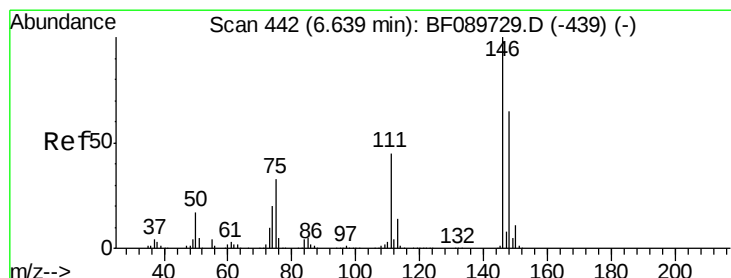
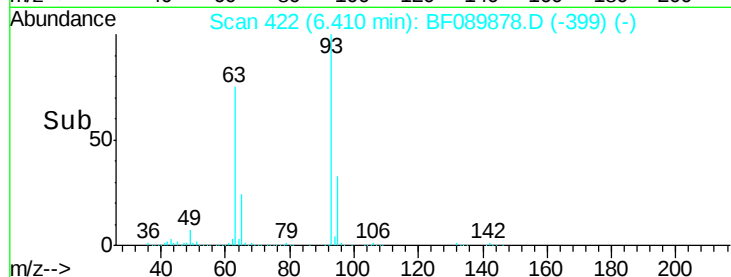
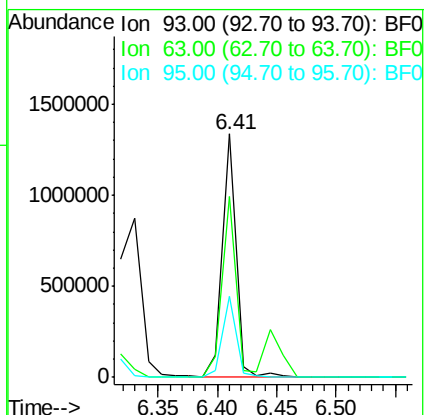
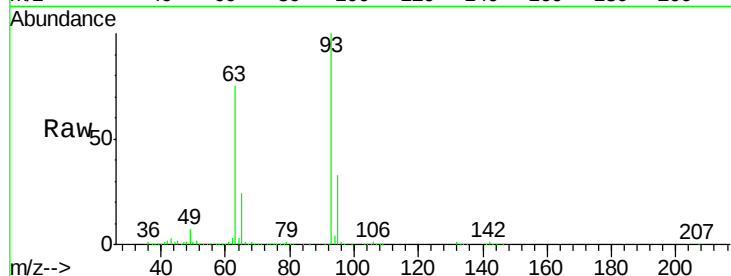
Tot Ion: 93 Resp: 1069142

Ion	Ratio	Lower	Upper
93	100		
63	74.6	55.8	95.8
95	33.3	13.0	53.0

93 100

63 74.6 55.8 95.8

95 33.3 13.0 53.0



#12

1,3-Dichlorobenzene

Concen: 35.98 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

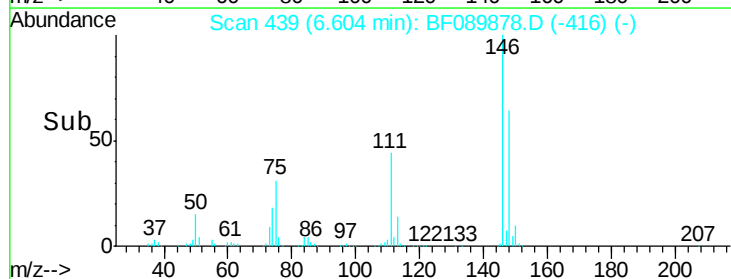
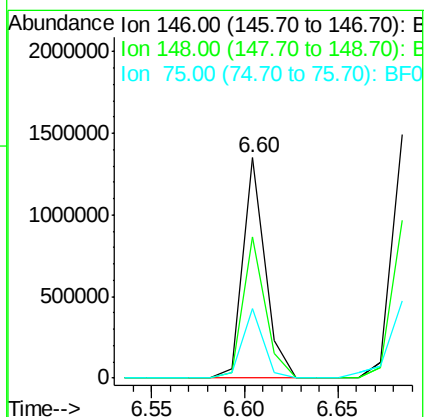
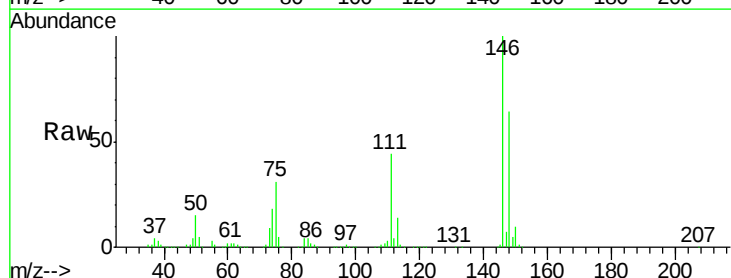
Tgt Ion: 146 Resp: 1121541

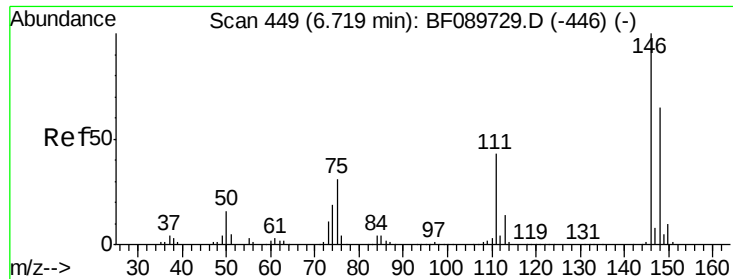
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	31.4	27.0	40.6

146 100

148 64.1 51.0 76.4

75 31.4 27.0 40.6

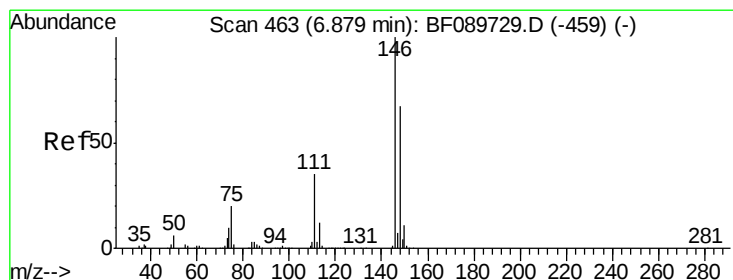
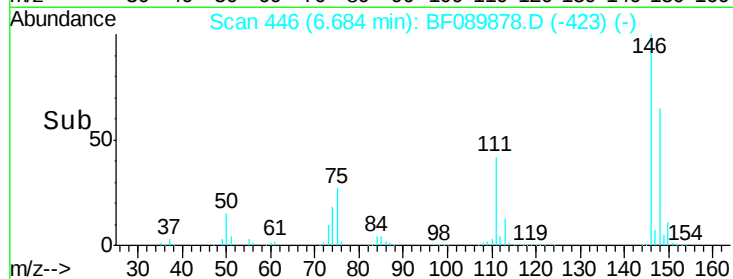
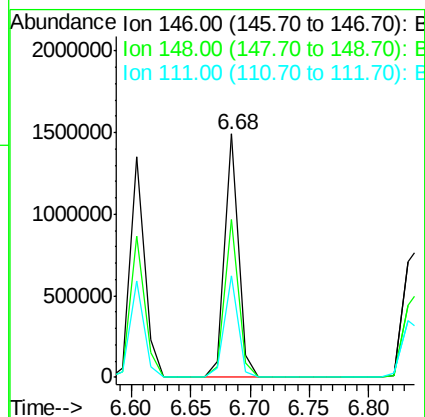
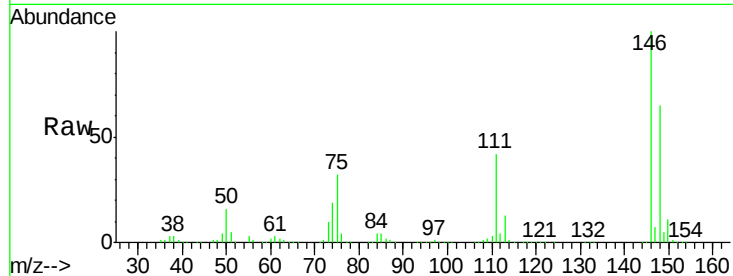




#13
 1,4-Dichlorobenzene
 Concen: 37.53 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

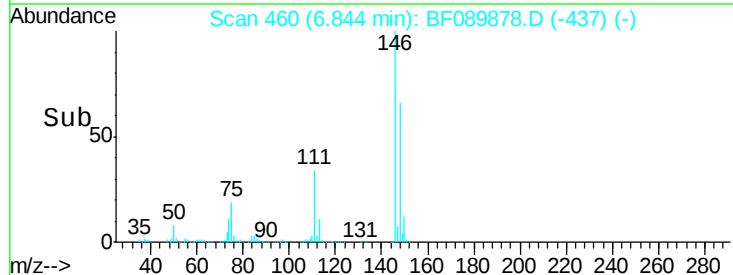
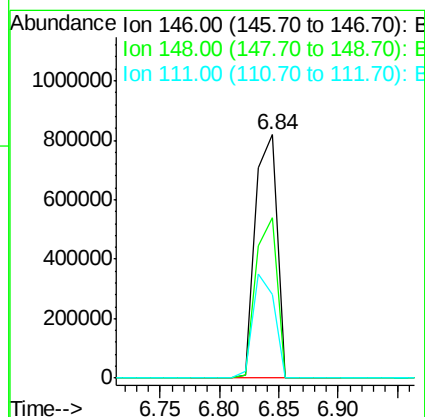
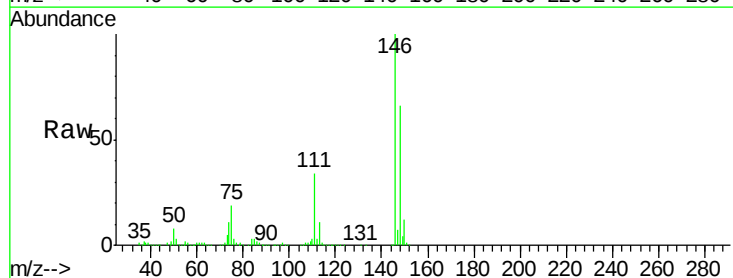
Instrument :
 BNA_F
 ClientSampleId :

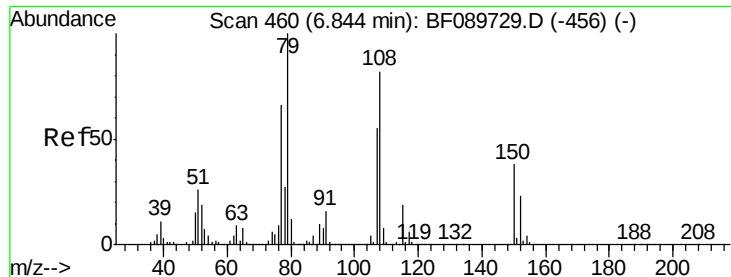
Tot Ion:146 Resp: 1185151
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 41.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 35.08 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:146 Resp: 1056110
 Ion Ratio Lower Upper
 146 100
 148 66.0 52.2 78.2
 111 34.4 29.8 44.6





#15

Benzyl Alcohol

Concen: 39.48 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

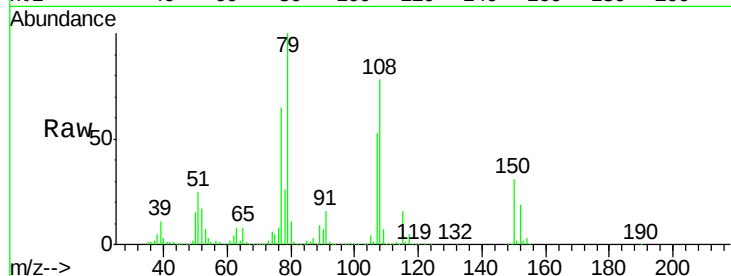
Tot Ion: 79 Resp: 822730

Ion Ratio Lower Upper

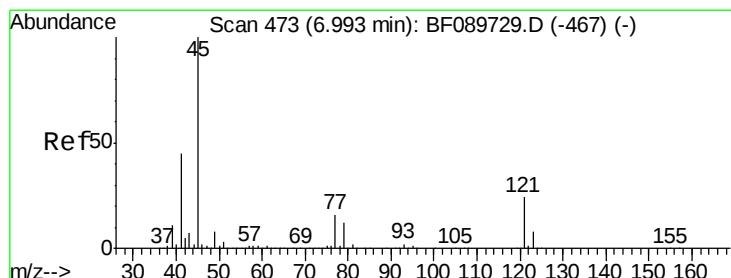
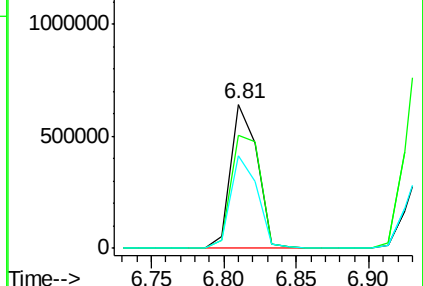
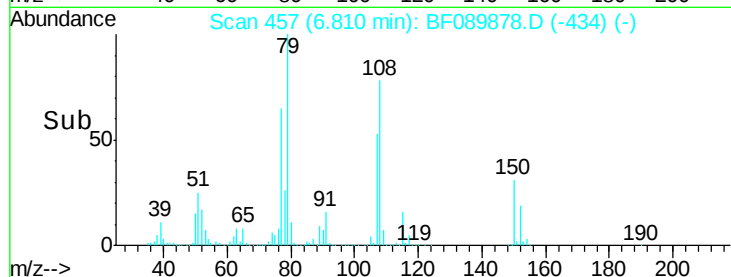
79 100

108 78.1 62.5 93.7

77 64.6 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: 30.20 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

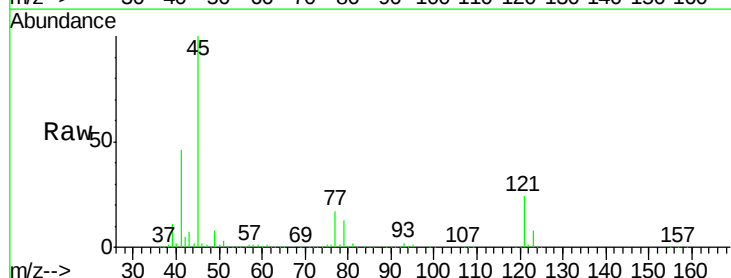
Tgt Ion: 45 Resp: 1139563

Ion Ratio Lower Upper

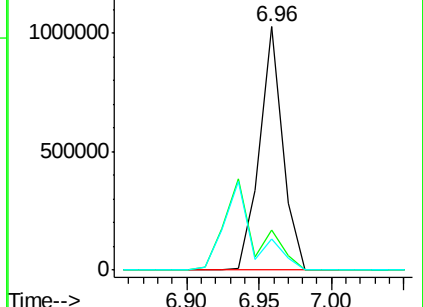
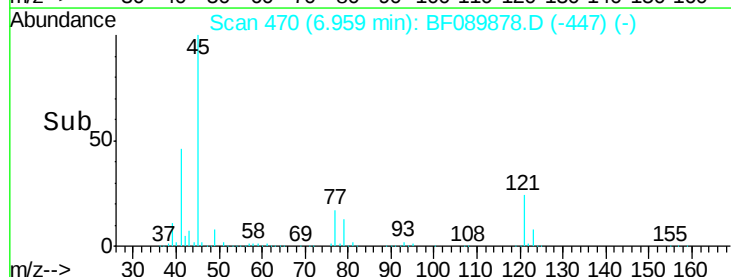
45 100

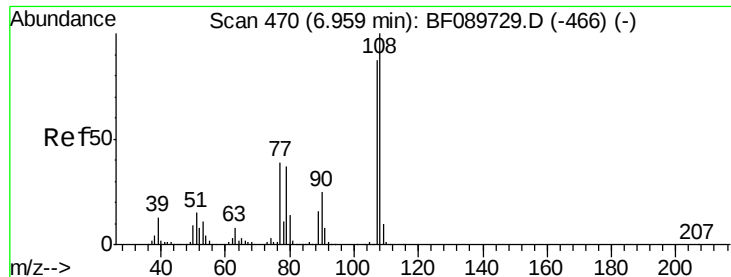
77 16.6 0.0 33.5

79 12.8 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: 40.56 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 939662

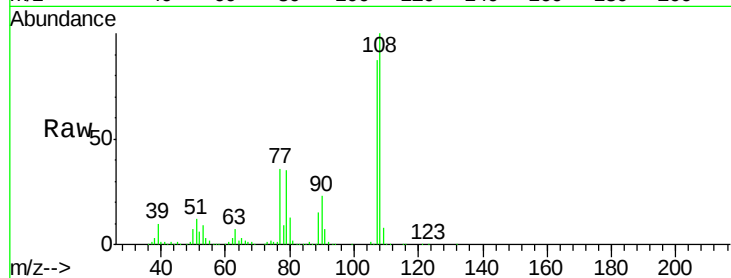
Ion Ratio Lower Upper

107 100

108 115.2 91.0 136.4

77 41.1 37.4 56.0

79 40.0 36.6 55.0

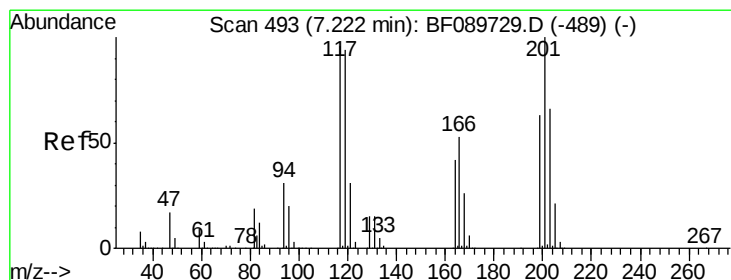
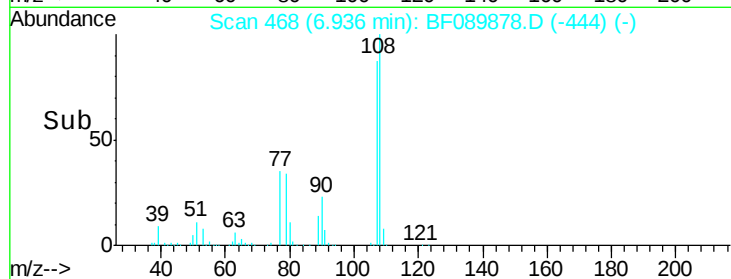
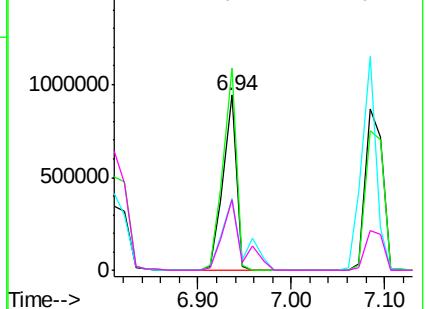


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.23 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

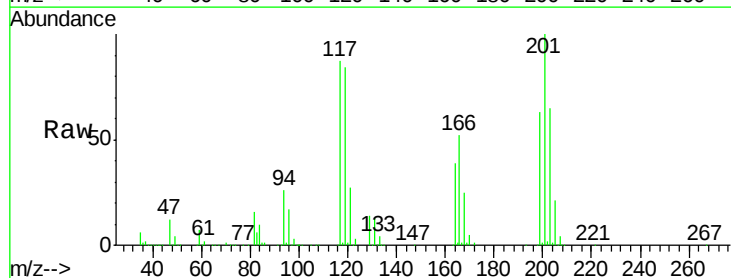
Tgt Ion:117 Resp: 419295

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7

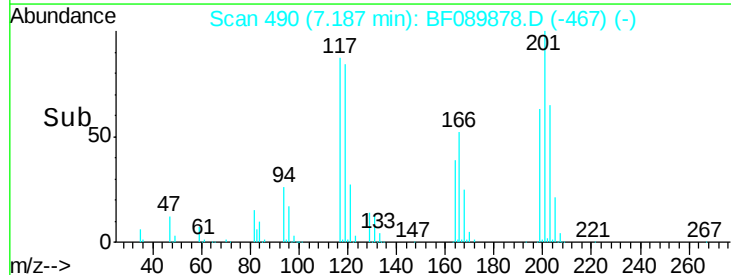
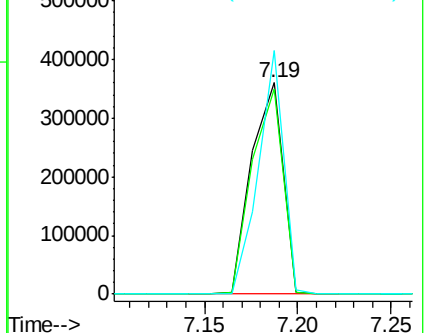
201 115.2 76.9 115.3

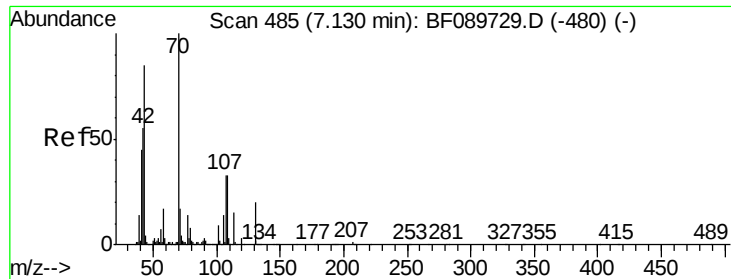


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

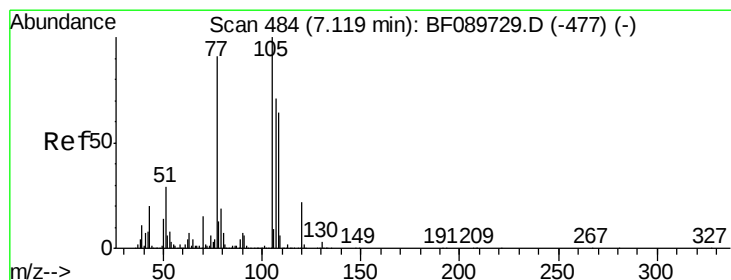
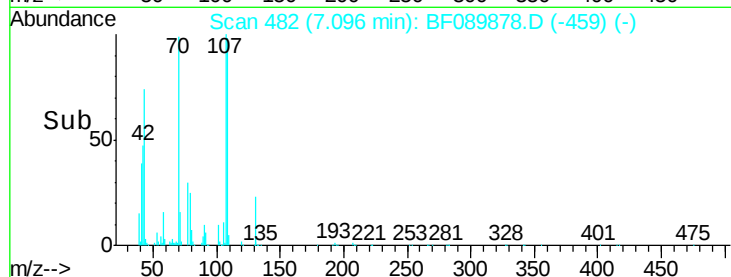
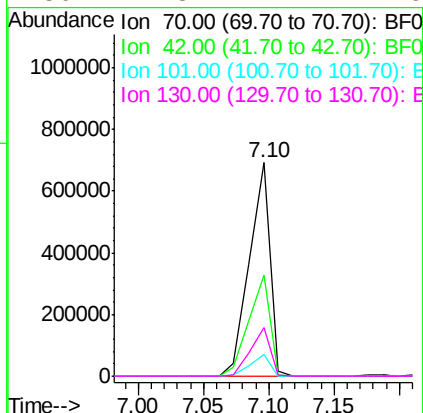
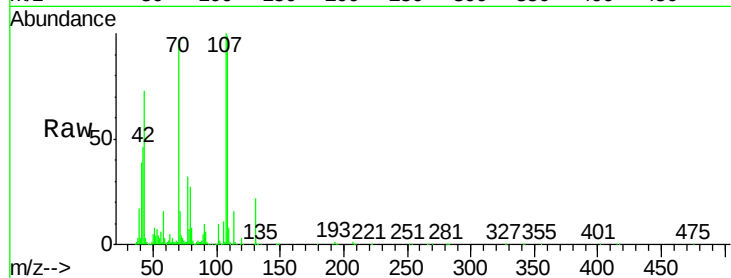




#19
n-Nitroso-di-n-propylamine
Concen: 37.29 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

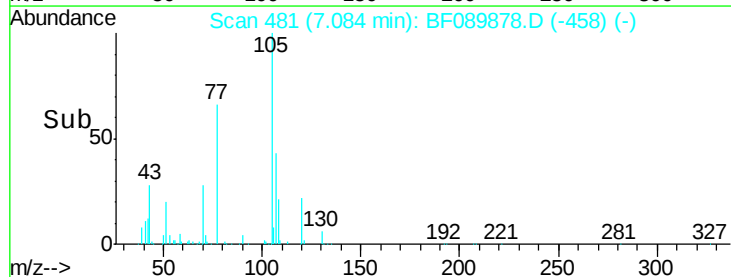
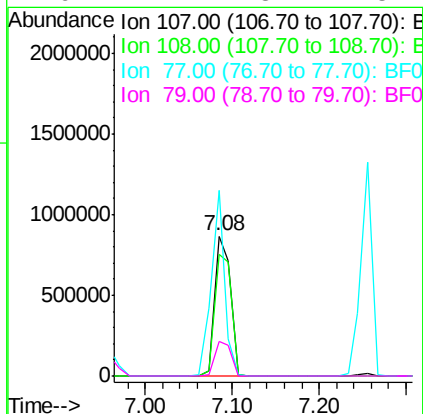
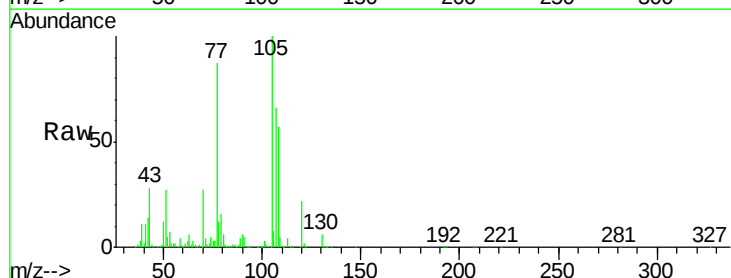
Instrument :
BNA_F
ClientSampleId :

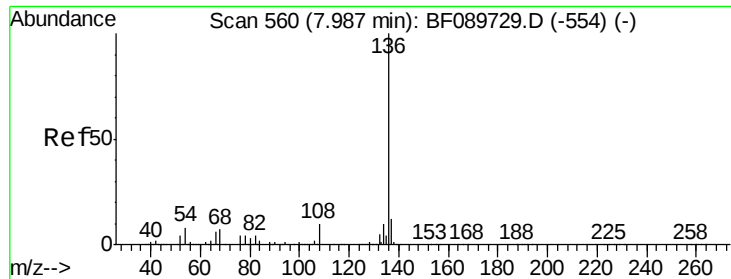
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.6	46.3	69.5	
101	10.0	7.0	10.6	
130	22.8	14.4	21.6	



#20
3+4-Methylphenols
Concen: 37.83 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.5	68.2	108.2	
77	132.4	122.3	162.3	
79	24.4	8.2	48.2	

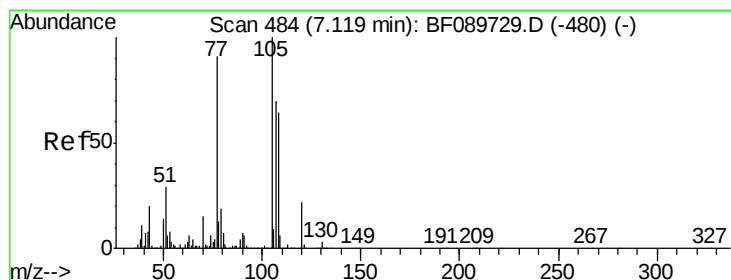
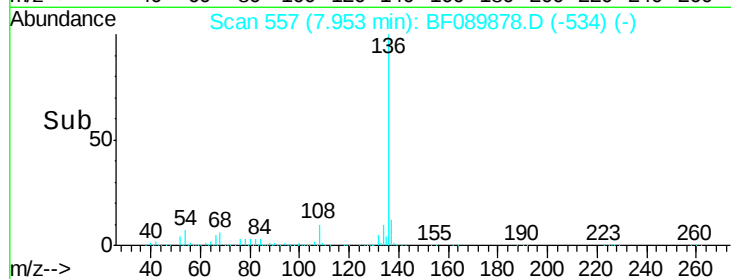
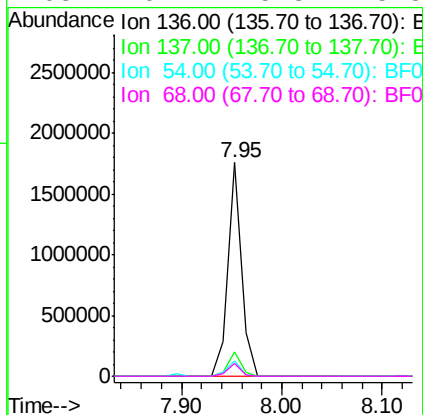
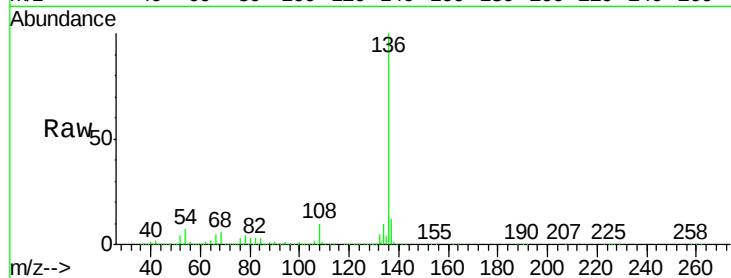




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

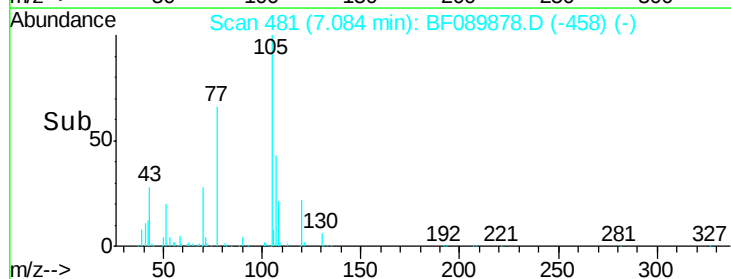
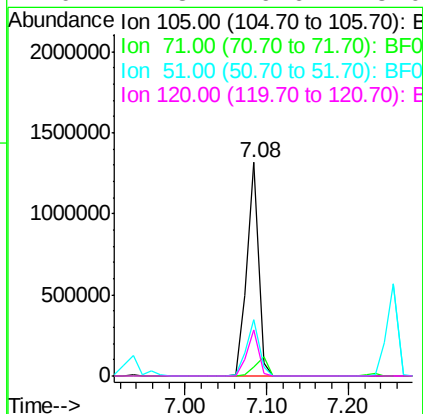
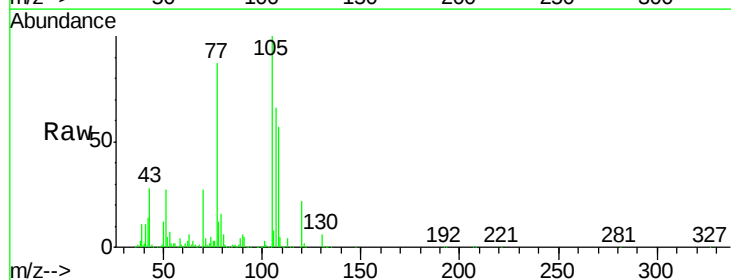
Instrument :
BNA_F
ClientSampleId :

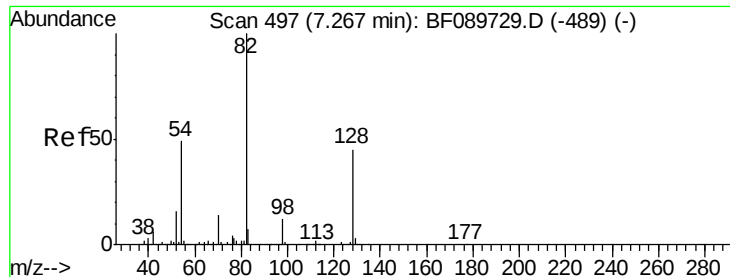
Tot Ion:136 Resp: 1645721
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 7.1 7.2 10.8#
68 6.1 5.8 8.8



#22
Acetophenone
Concen: 34.36 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:105 Resp: 1314575
Ion Ratio Lower Upper
105 100
71 4.5 1.9 2.9#
51 26.5 28.5 42.7#
120 21.8 16.6 25.0

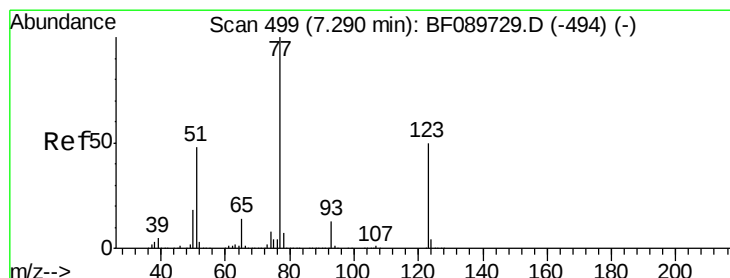
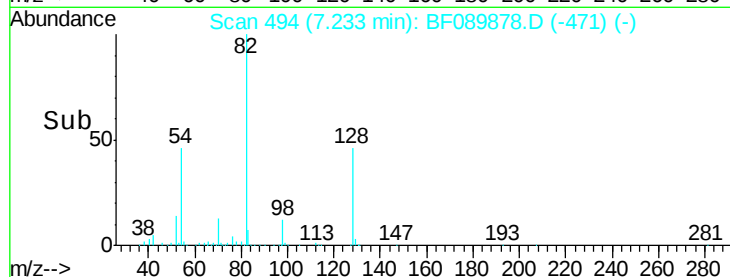
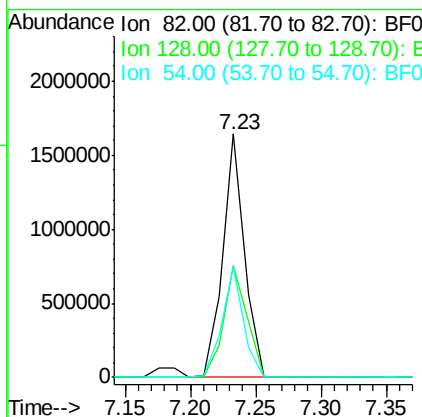
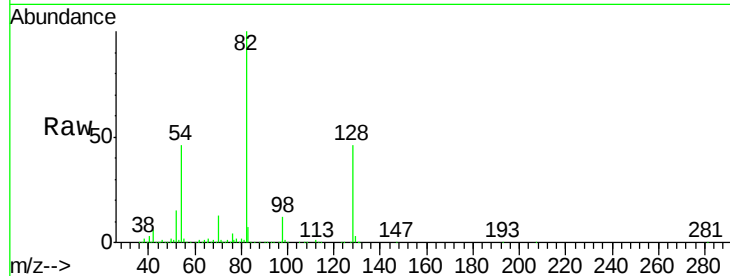




#23
Nitrobenzene-d5
Concen: 70.24 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

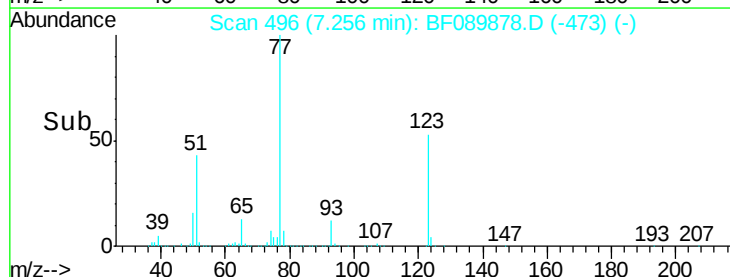
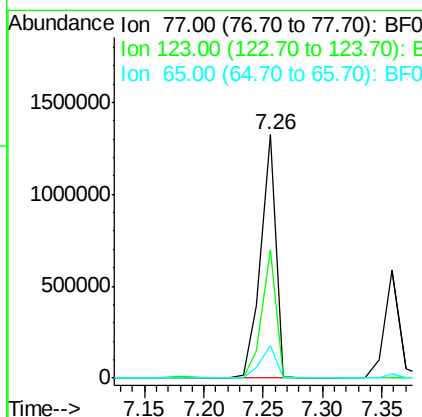
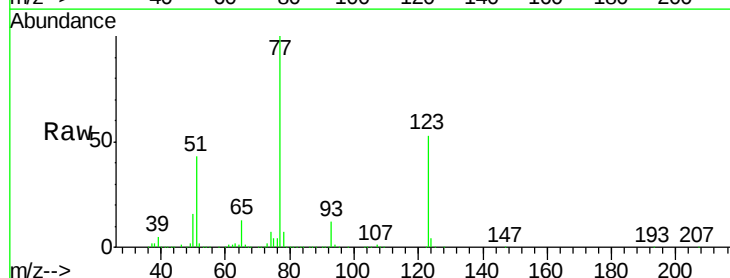
Instrument :
BNA_F
ClientSampleId :

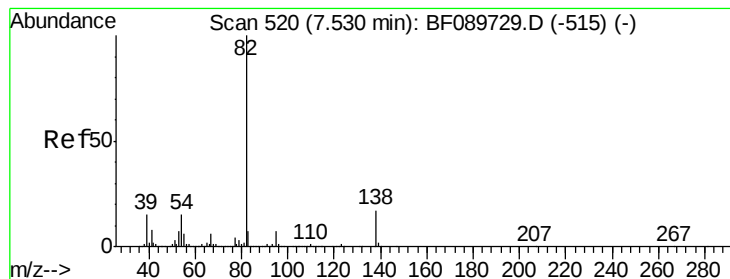
Tot Ion: 82 Resp: 1893144
Ion Ratio Lower Upper
82 100
128 45.7 34.4 51.6
54 45.6 40.3 60.5



#24
Nitrobenzene
Concen: 39.53 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion: 77 Resp: 1198486
Ion Ratio Lower Upper
77 100
123 52.6 36.2 54.2
65 13.2 10.6 15.8





#25

Isophorone

Concen: 36.62 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

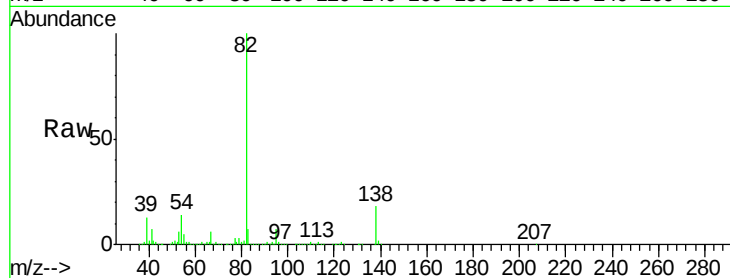
Tot Ion: 82 Resp: 1974779

Ion Ratio Lower Upper

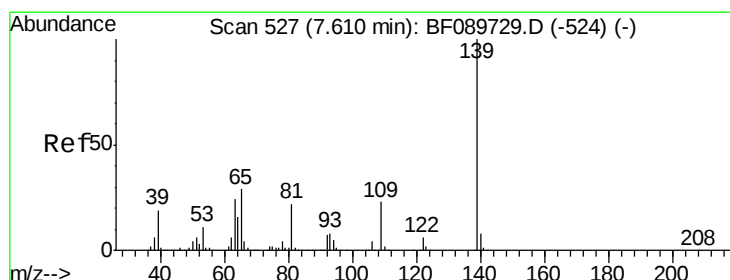
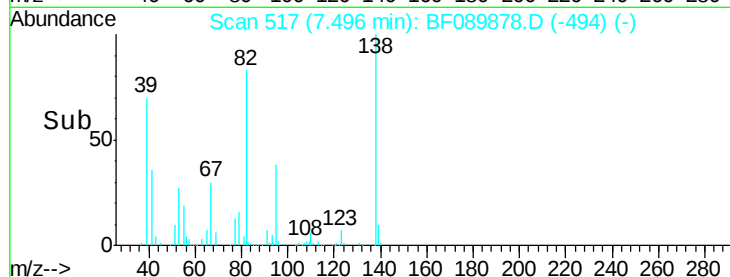
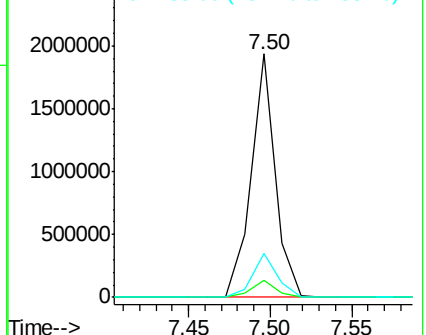
82 100

95 6.9 5.3 7.9

138 18.2 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: 41.90 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

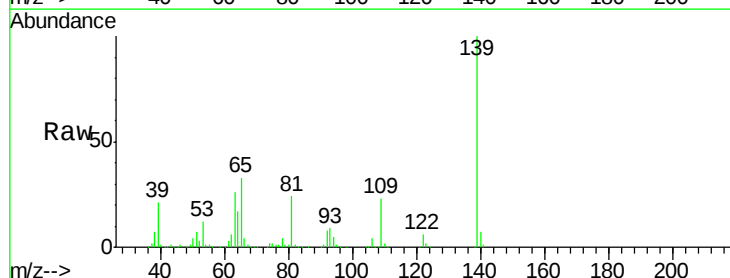
Tgt Ion: 139 Resp: 597699

Ion Ratio Lower Upper

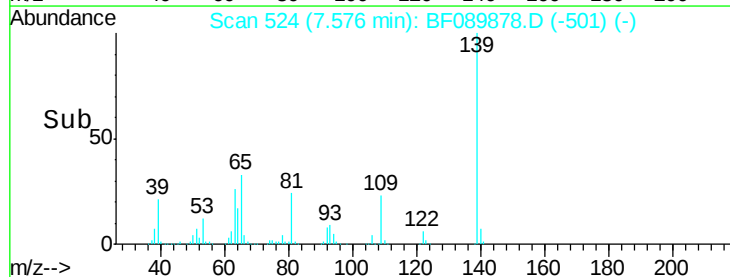
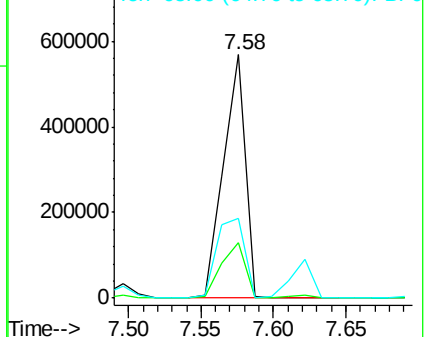
139 100

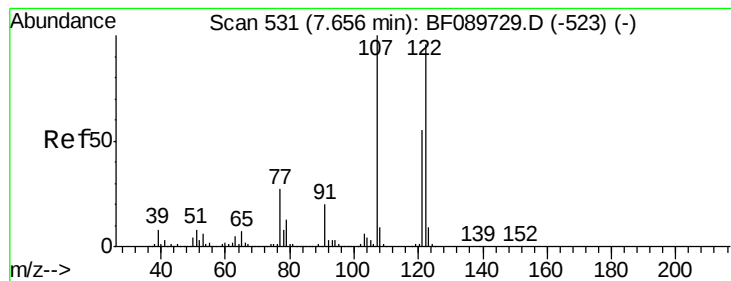
109 22.6 19.5 29.3

65 32.8 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: 40.19 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

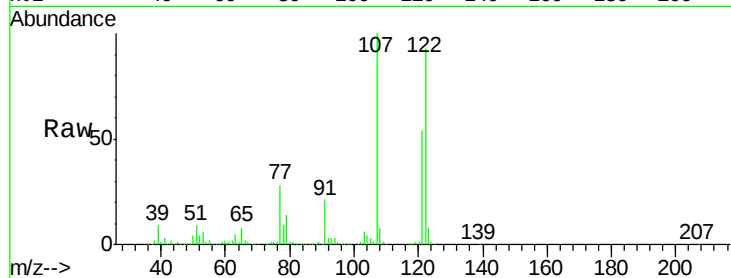
Tot Ion:122 Resp: 1086572

Ion Ratio Lower Upper

122 100

107 107.4 84.8 127.2

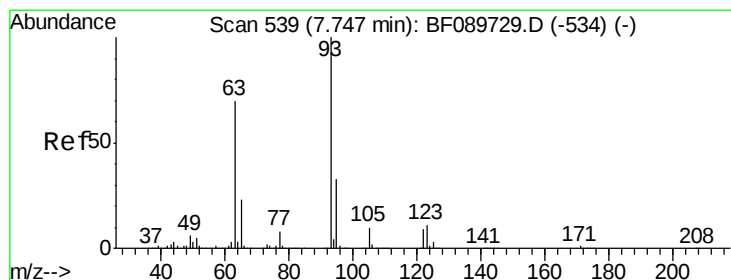
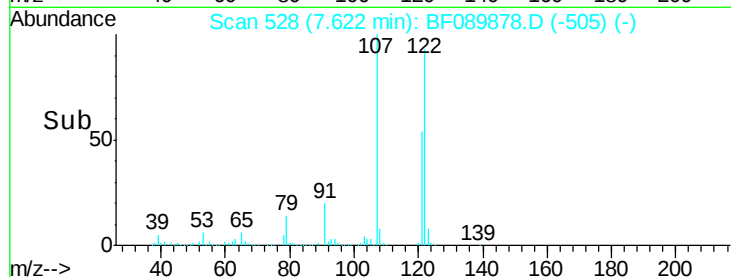
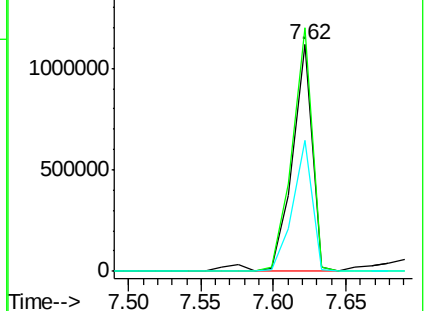
121 57.8 47.0 70.6



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: 36.19 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

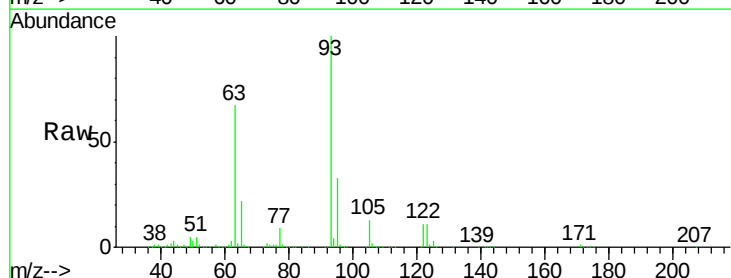
Tgt Ion: 93 Resp: 1186062

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

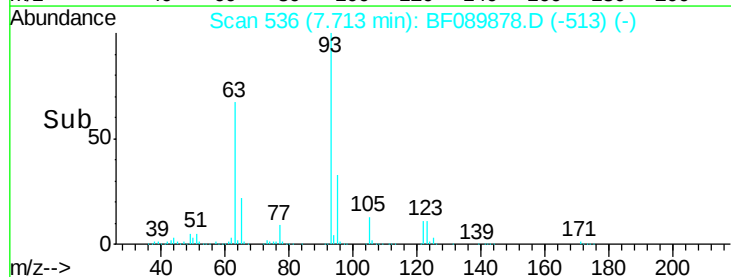
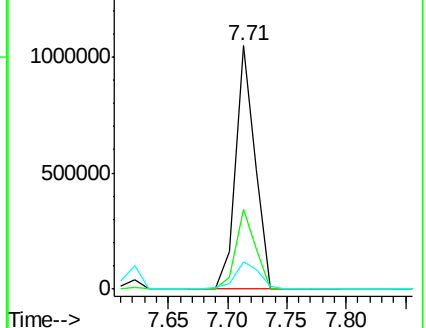
123 11.5 8.5 12.7

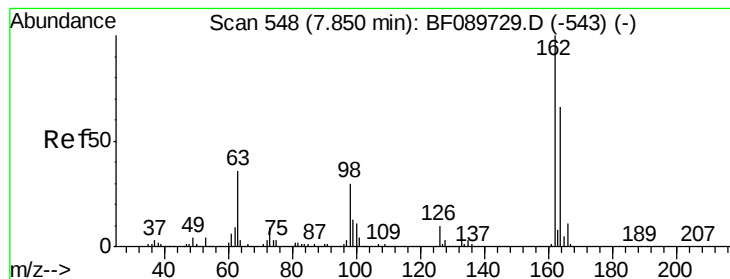


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.17 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

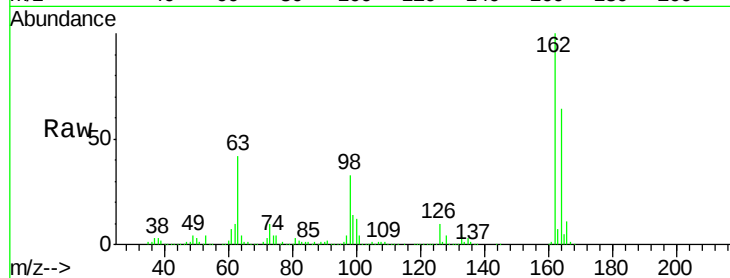
Tot Ion:162 Resp: 949376

Ion Ratio Lower Upper

162 100

164 64.4 45.5 85.5

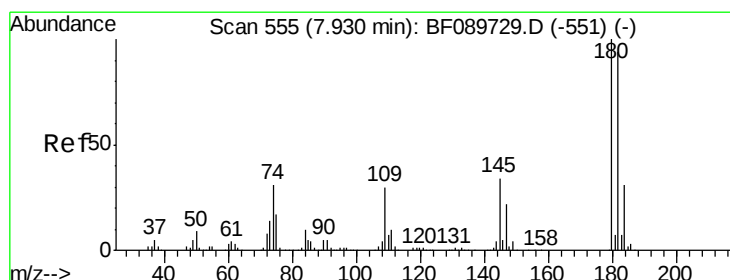
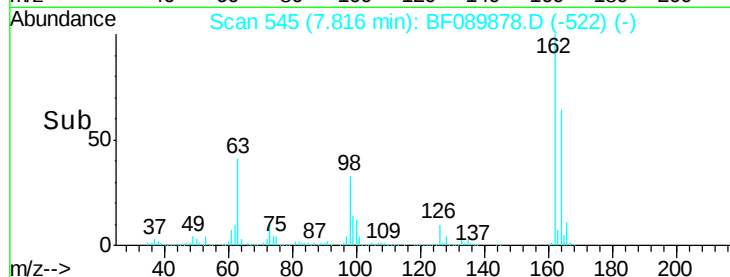
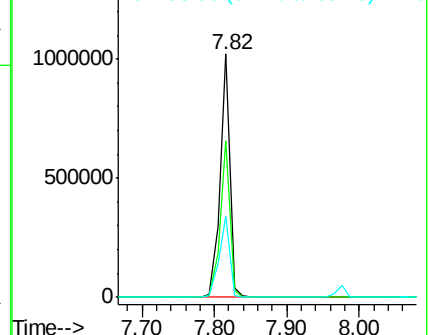
98 33.2 12.4 52.4



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: 37.53 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

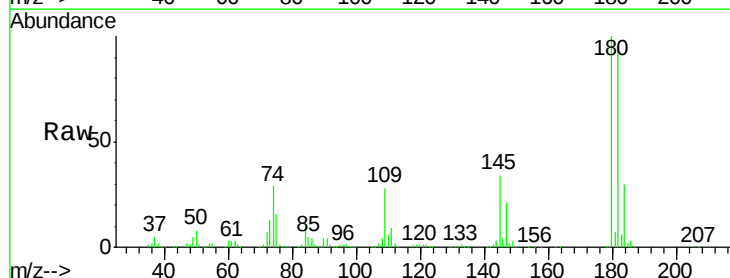
Tgt Ion:180 Resp: 906908

Ion Ratio Lower Upper

180 100

182 94.6 75.5 113.3

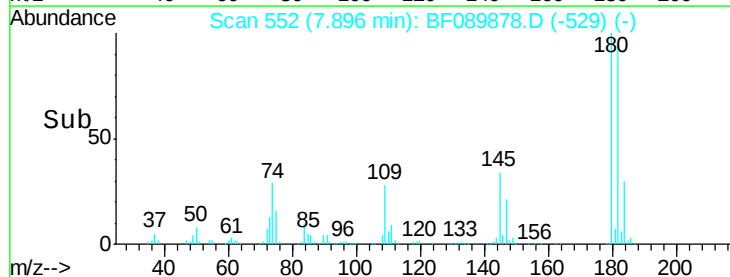
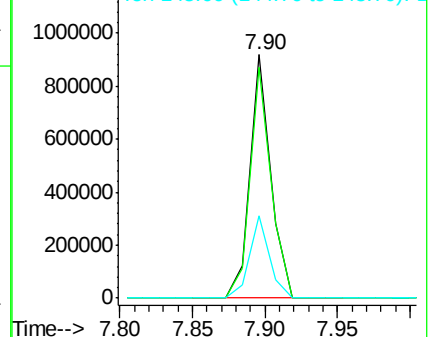
145 33.6 28.7 43.1

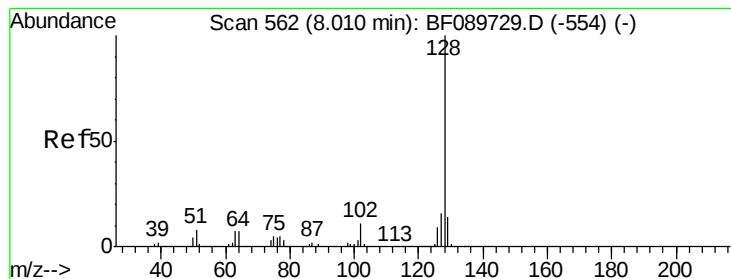


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.14 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

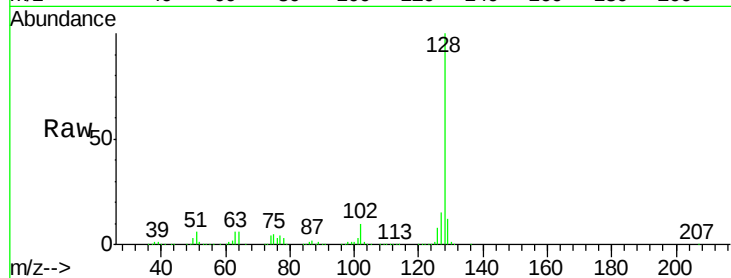
Tot Ion:128 Resp: 2965251

Ion Ratio Lower Upper

128 100

129 12.5 9.5 14.3

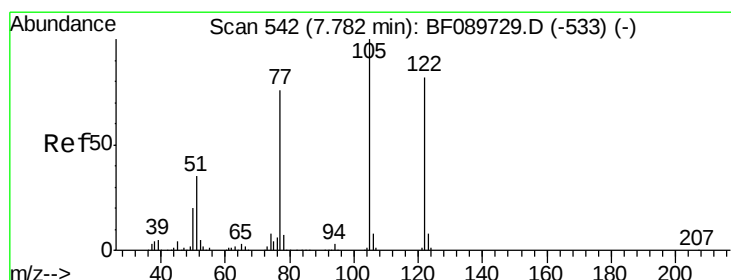
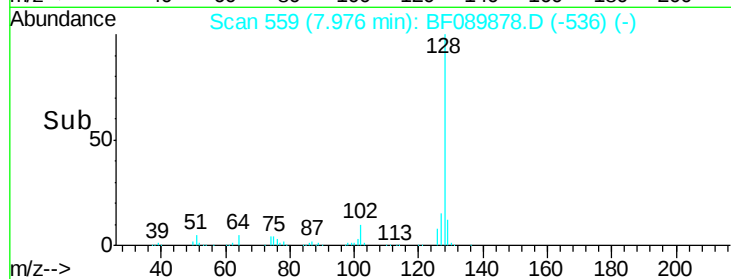
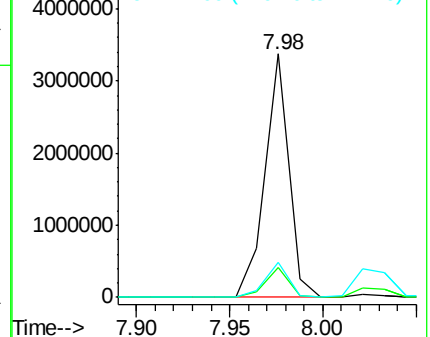
127 14.6 11.3 16.9



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: 25.31 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.05 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

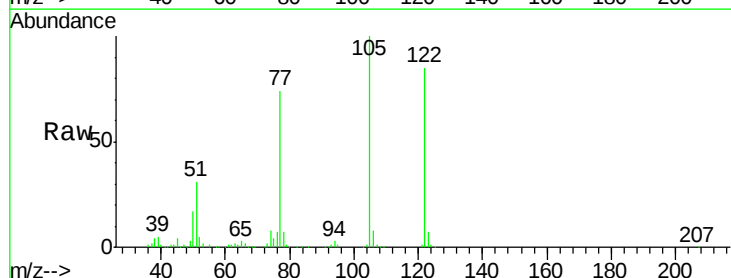
Tgt Ion:122 Resp: 532098

Ion Ratio Lower Upper

122 100

105 118.1 100.8 140.8

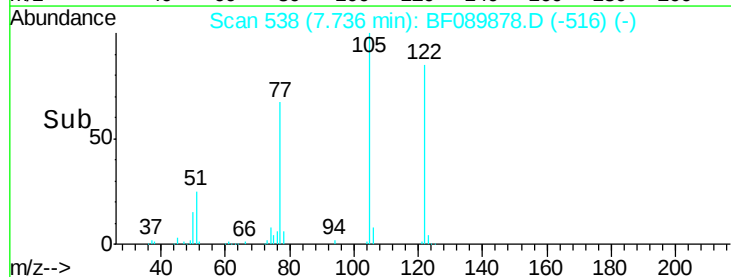
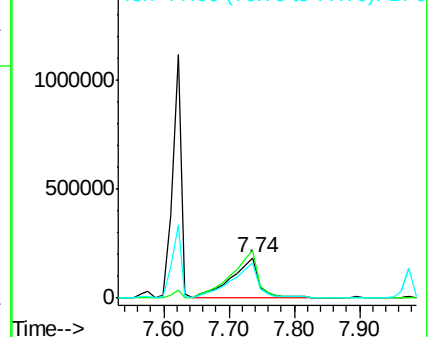
77 87.6 72.1 112.1

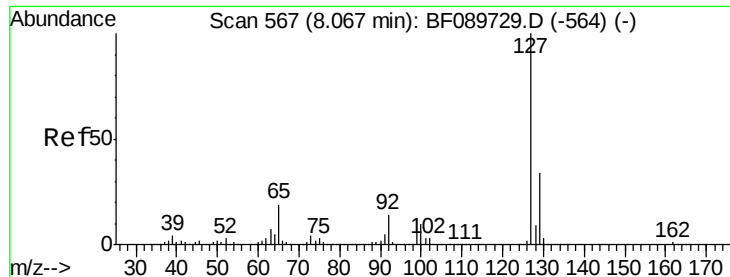


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

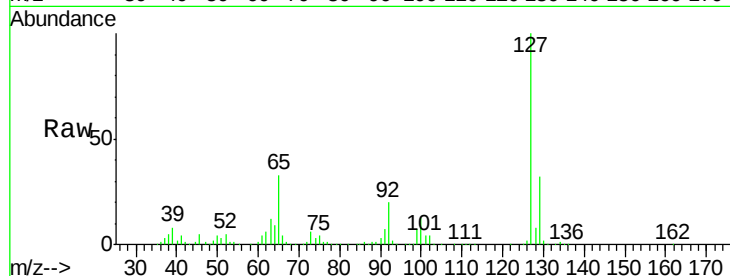




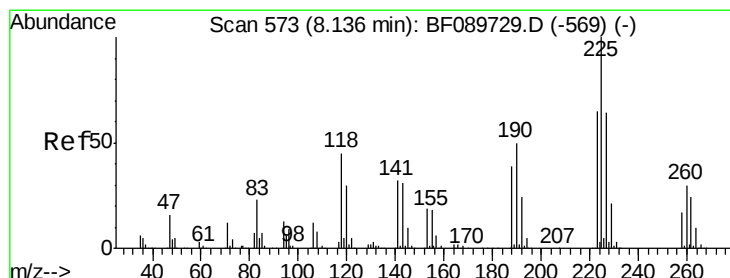
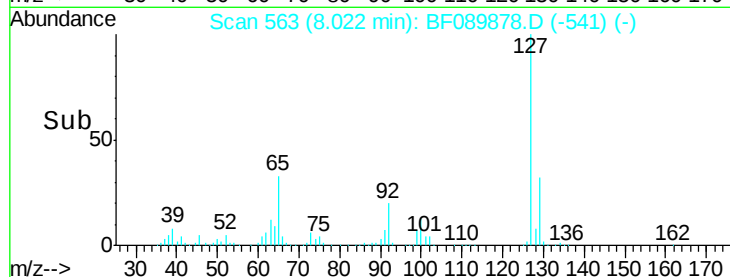
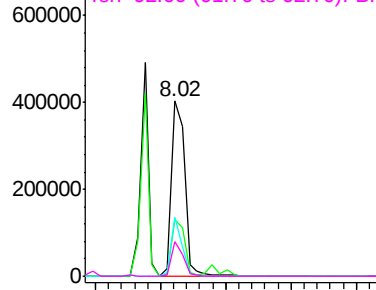
#33
4-Chloroaniline
Concen: 16.52 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.05 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	564627
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.6
65	33.5	14.7	22.1#
92	19.6	11.7	17.5#

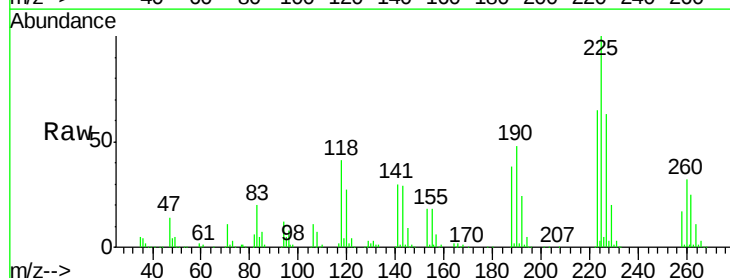


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

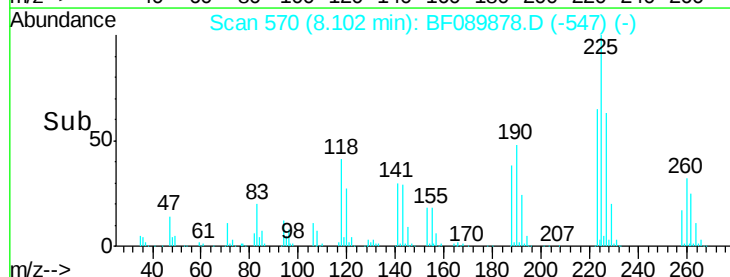
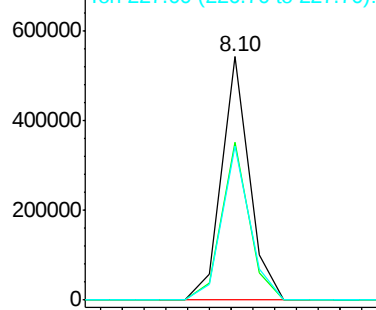


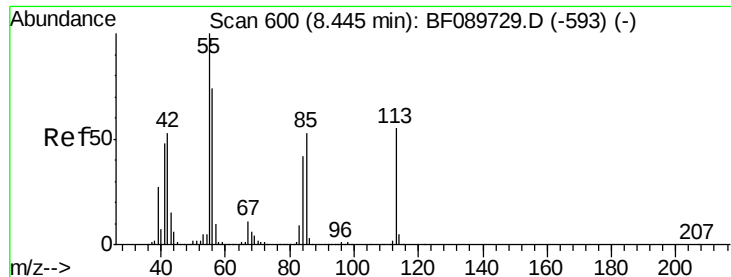
#34
Hexachlorobutadiene
Concen: 37.84 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:	225	Resp:	480402
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	63.3	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

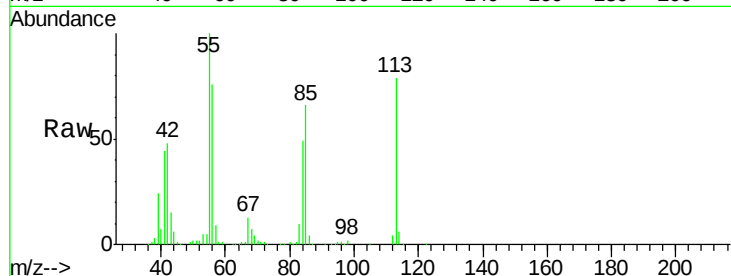




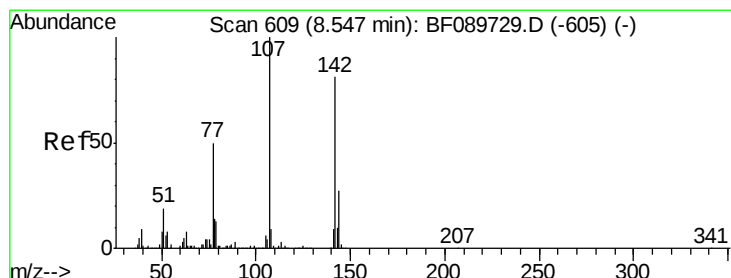
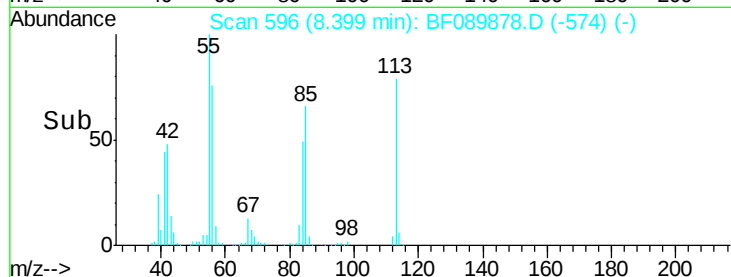
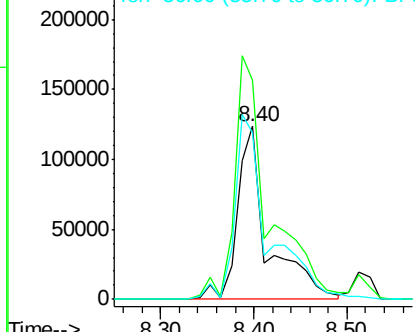
#35
Caprolactam
Concen: 40.48 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 280872
Ion Ratio Lower Upper
113 100
55 127.0 135.9 175.9#
56 96.1 93.9 133.9

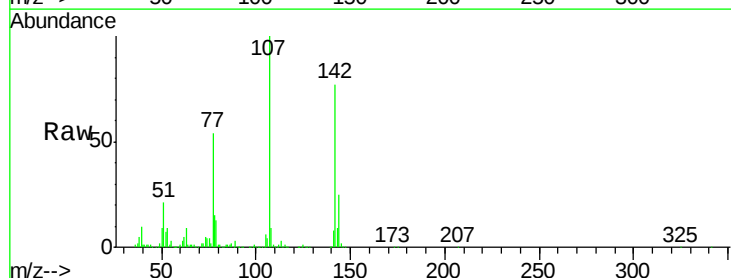


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

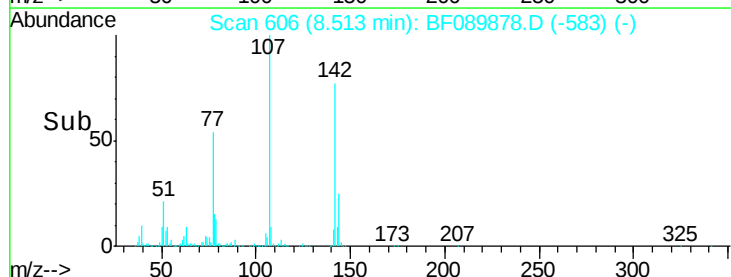
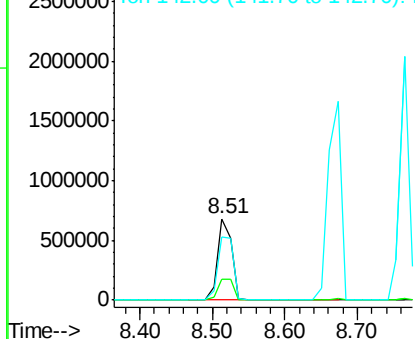


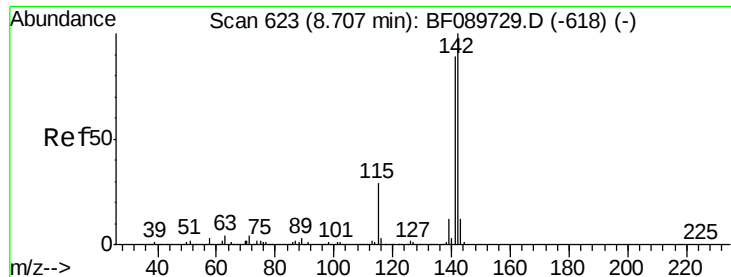
#36
4-Chloro-3-methylphenol
Concen: 37.89 ng
RT: 8.51 min Scan# 606
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:107 Resp: 928512
Ion Ratio Lower Upper
107 100
144 25.2 22.6 34.0
142 76.6 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

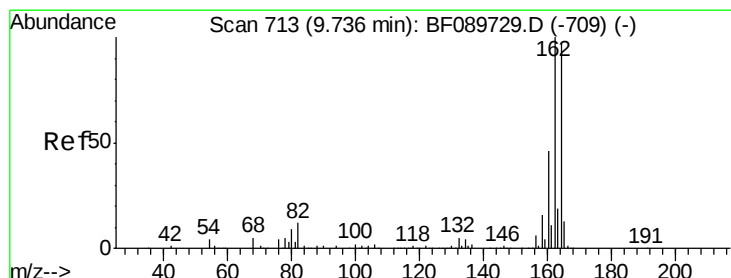
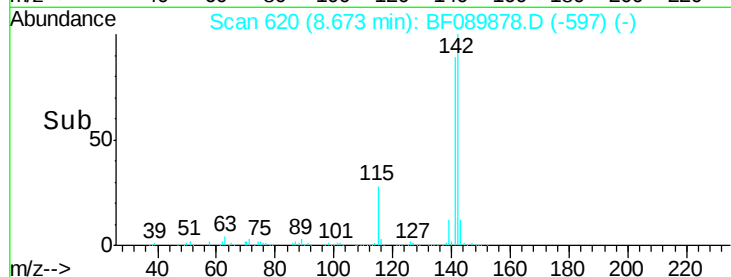
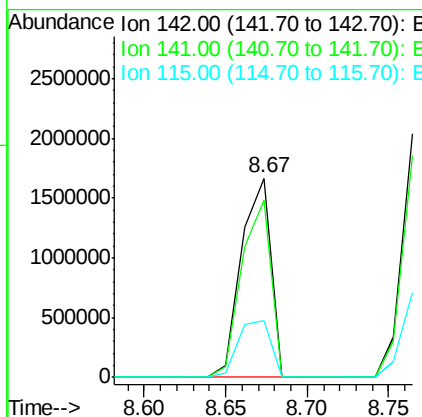
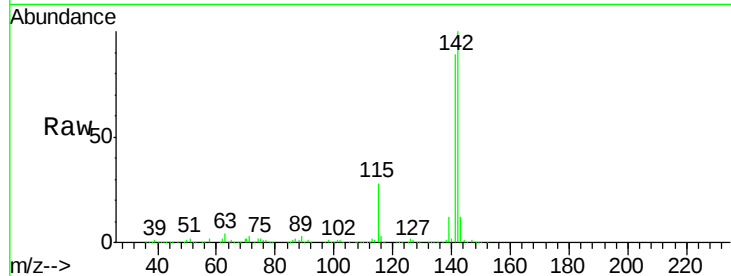




#37
2-Methylnaphthalene
Concen: 41.28 ng
RT: 8.67 min Scan# 620
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

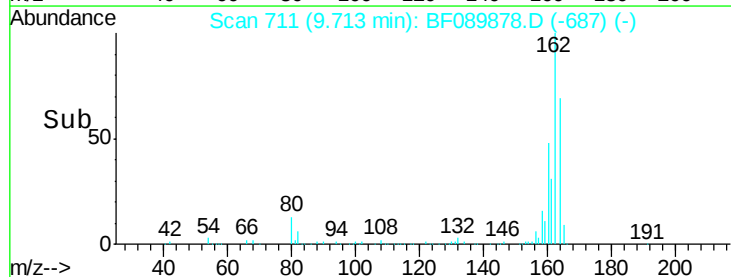
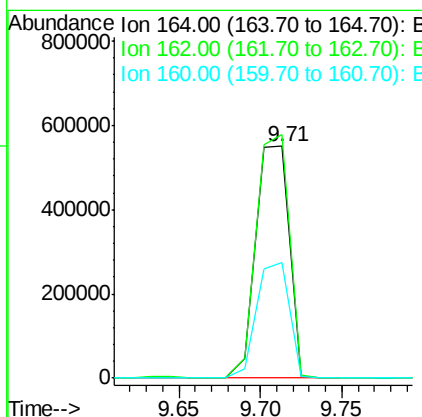
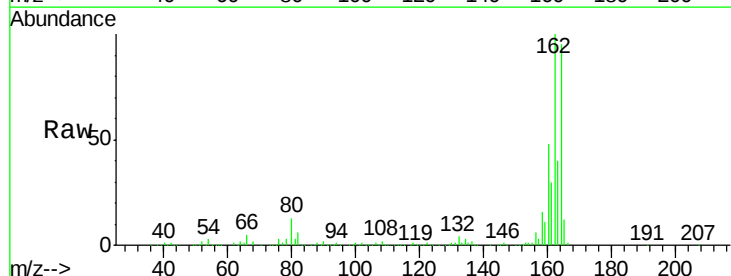
Instrument :
BNA_F
ClientSampled :

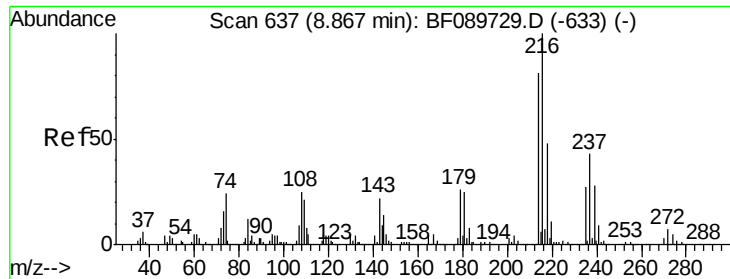
Tot Ion:142 Resp: 2075832
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.2
115 28.4 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:164 Resp: 788148
Ion Ratio Lower Upper
164 100
162 105.0 81.4 122.2
160 49.9 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.48 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 670854

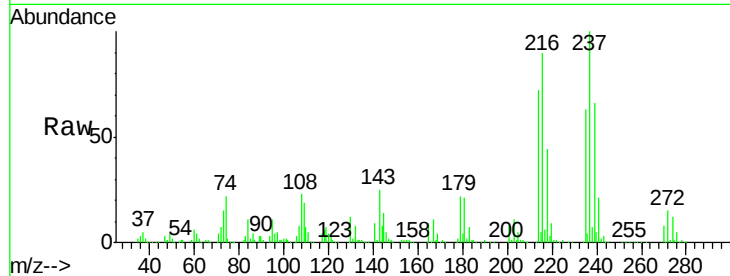
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.3 19.9 29.9

108 24.7 19.9 29.9

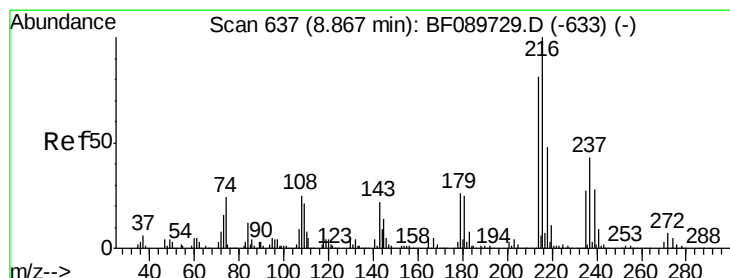
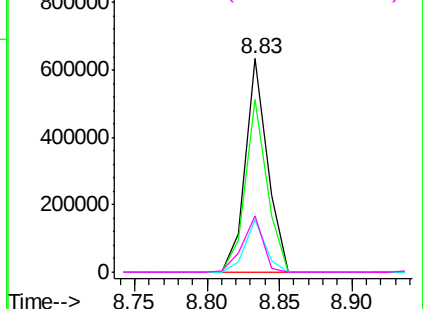
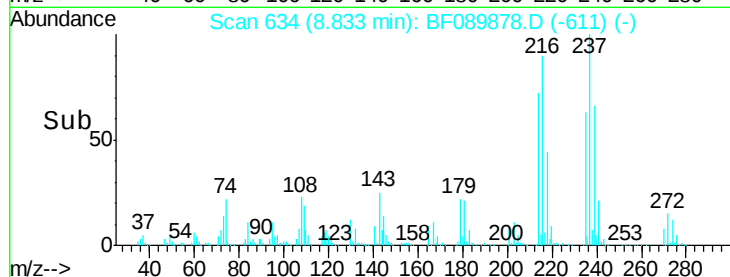


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.32 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

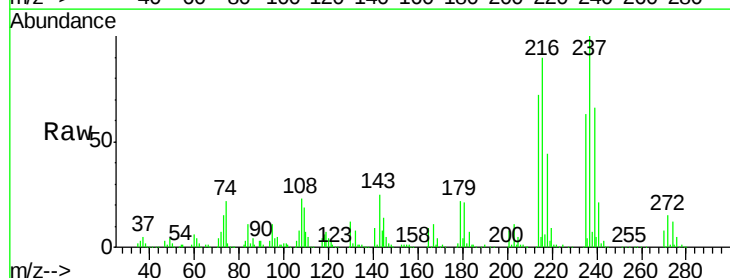
Tgt Ion:237 Resp: 850548

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

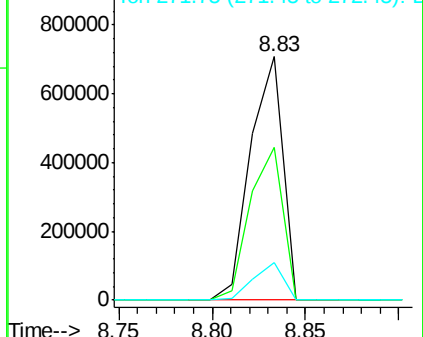
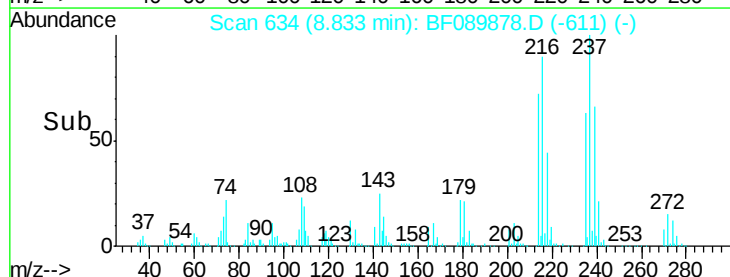
272 15.2 0.0 31.6

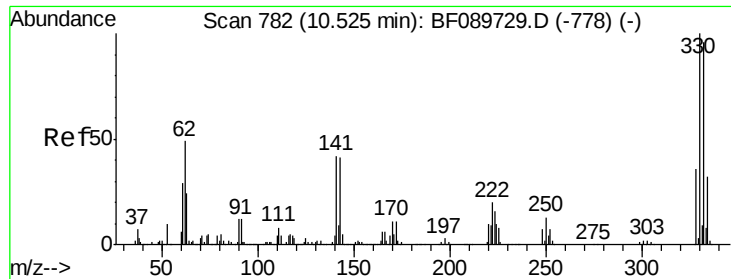


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

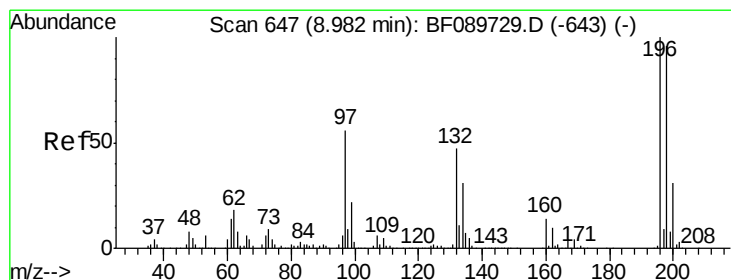
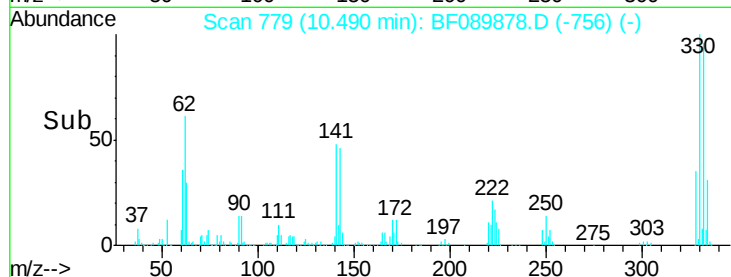
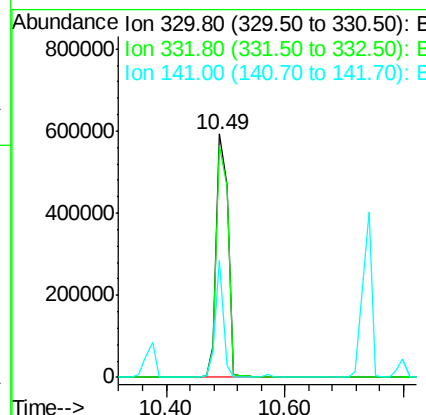
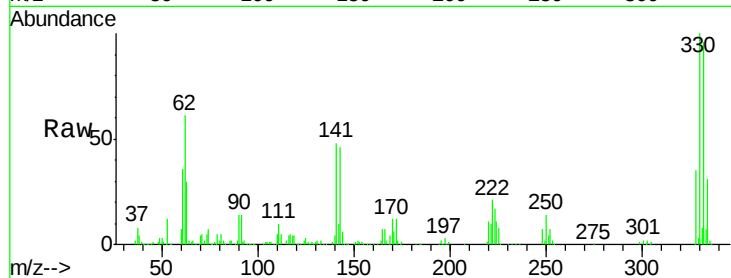




#41
 2,4,6-Tribromophenol
 Concen: 105.14 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

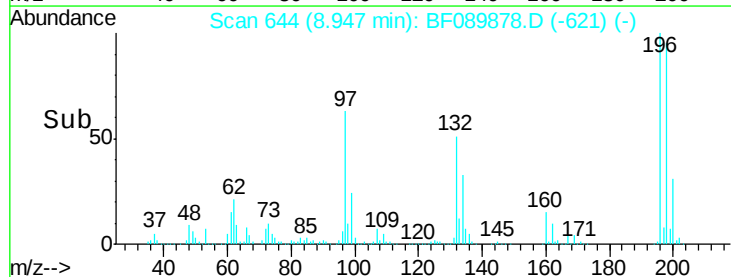
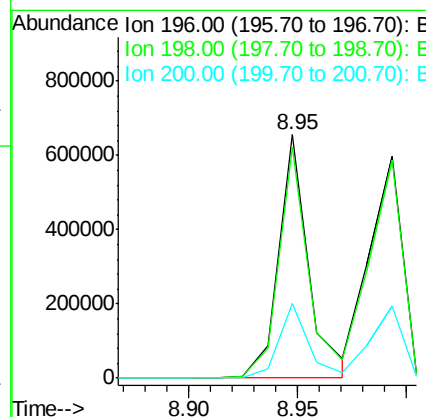
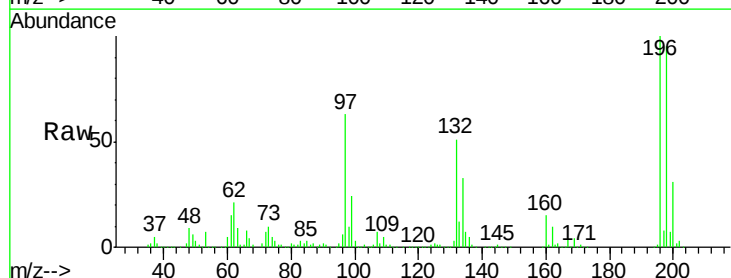
Instrument :
 BNA_F
 ClientSampleId :

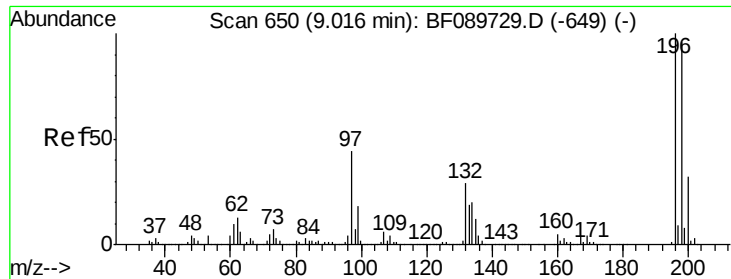
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	33.1	30.2	45.2



#42
 2,4,6-Trichlorophenol
 Concen: 38.59 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	76.3	114.5
200	30.6	24.6	36.8

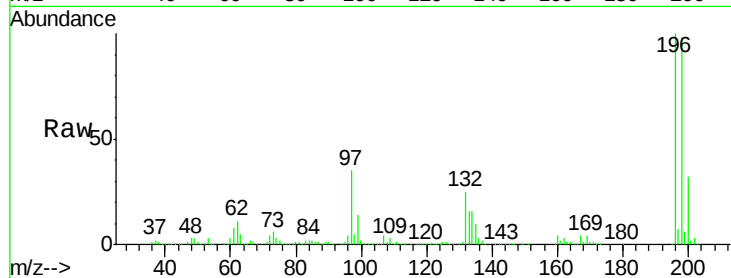




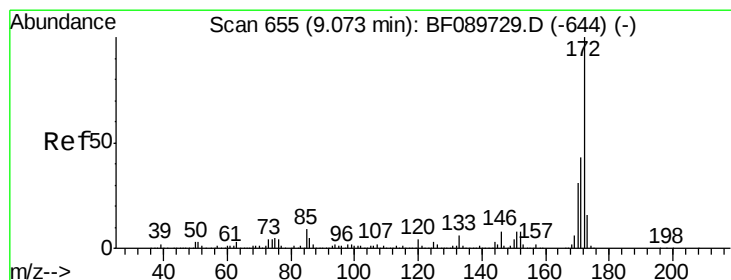
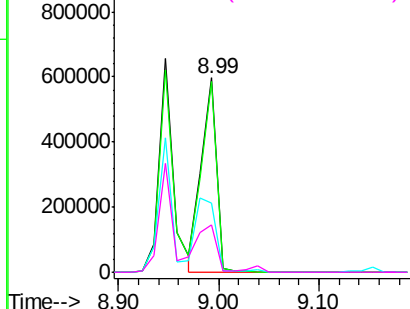
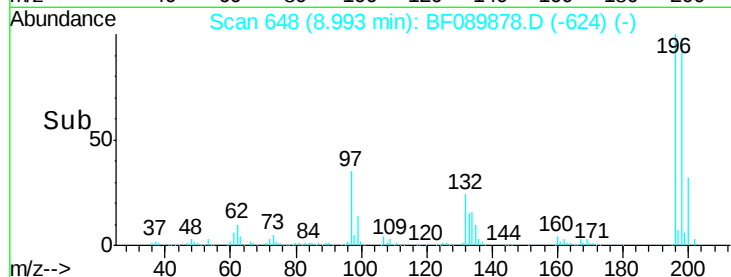
#43
 2,4,5-Trichlorophenol
 Concen: 40.53 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.6	114.8
97	35.4	35.8	53.8
132	24.6	23.5	35.3

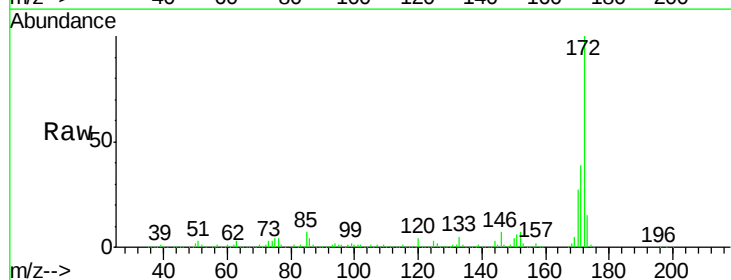


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

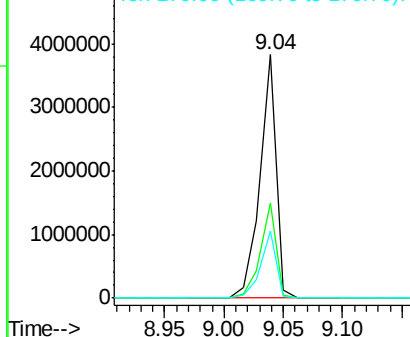
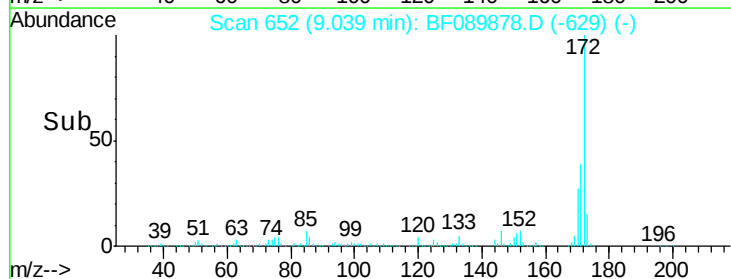


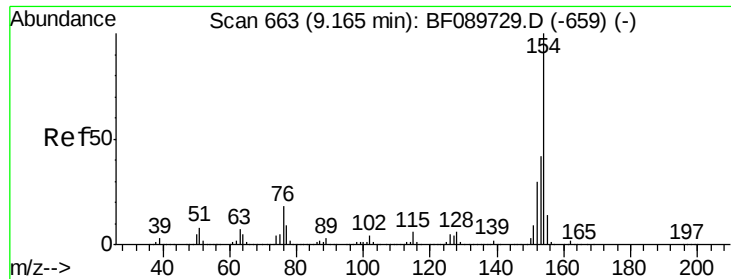
#44
 2-Fluorobiphenyl
 Concen: 74.89 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	27.3	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

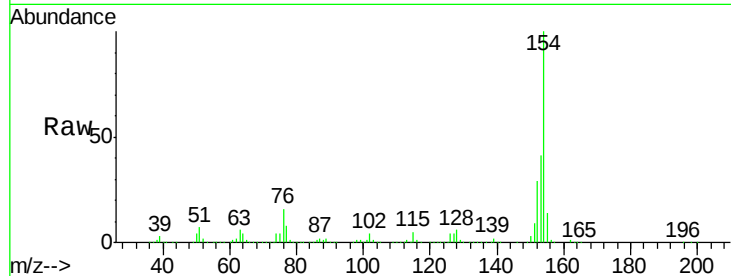




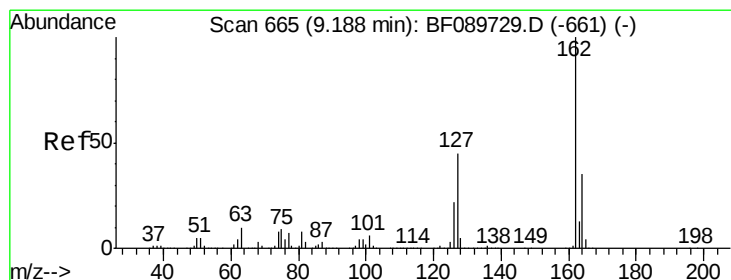
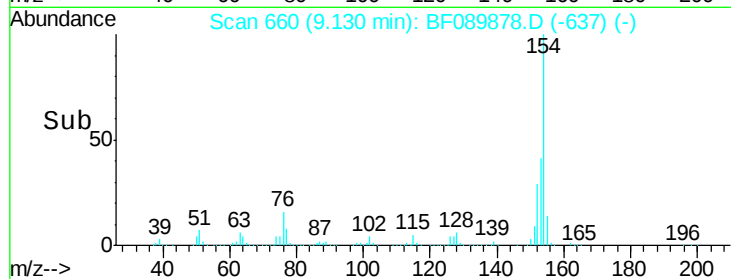
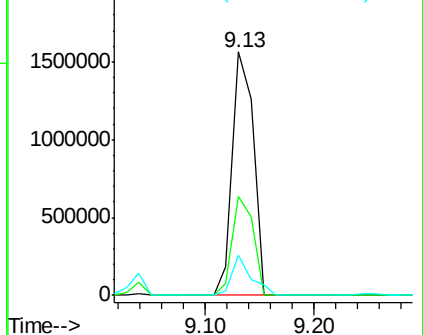
#45
 1,1'-Biphenyl
 Concen: 31.68 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 2068188
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.5 61.5
 76 16.2 0.0 36.7

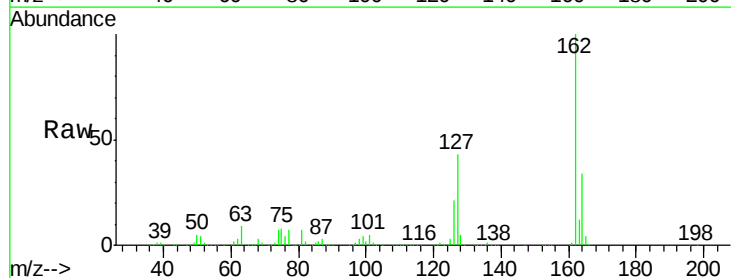


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

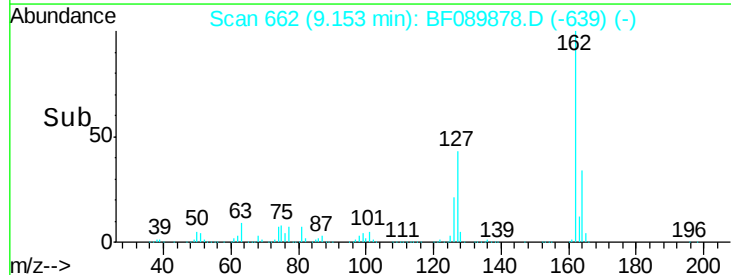
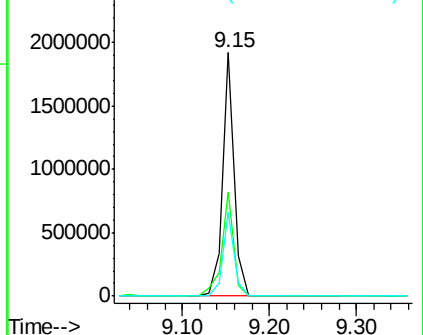


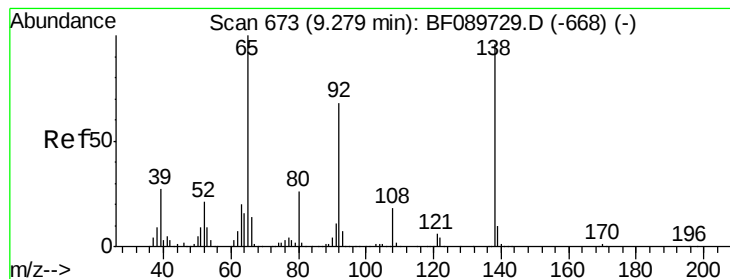
#46
 2-Chloronaphthalene
 Concen: 36.53 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:162 Resp: 1786734
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.5 53.3
 164 34.1 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: 41.17 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

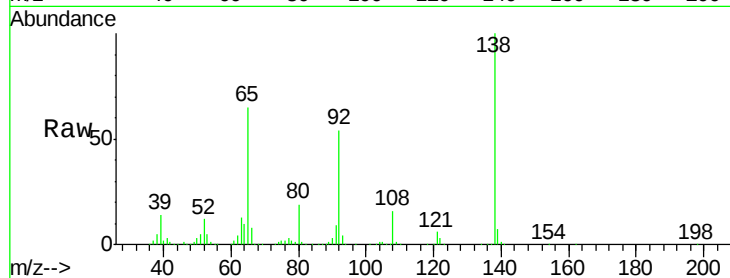
Tot Ion: 65 Resp: 613622

Ion Ratio Lower Upper

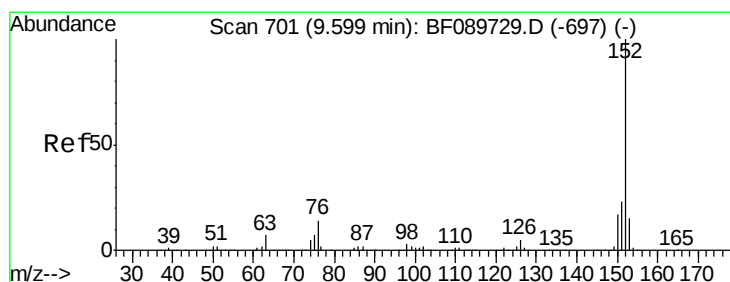
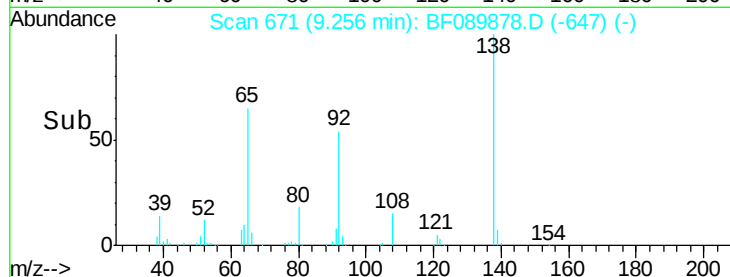
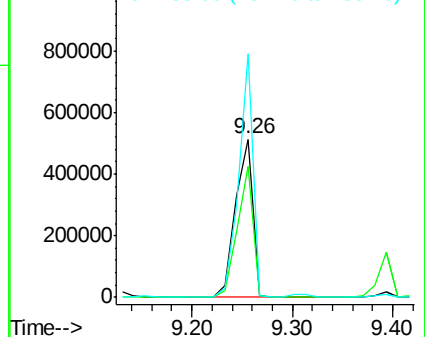
65 100

92 82.4 56.3 84.5

138 153.7 81.8 122.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.86 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

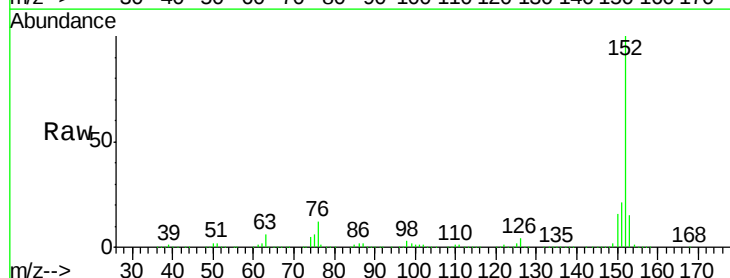
Tgt Ion: 152 Resp: 2850808

Ion Ratio Lower Upper

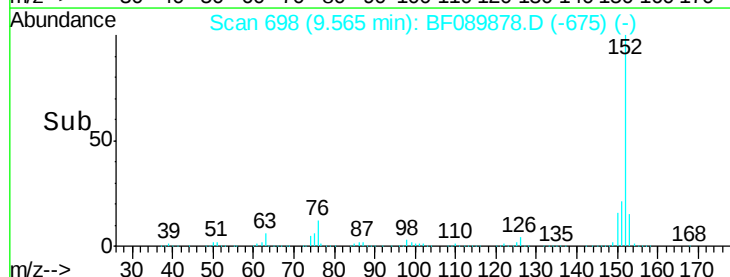
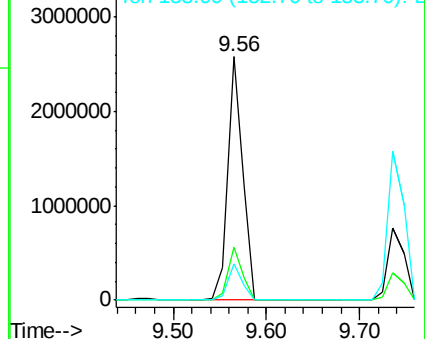
152 100

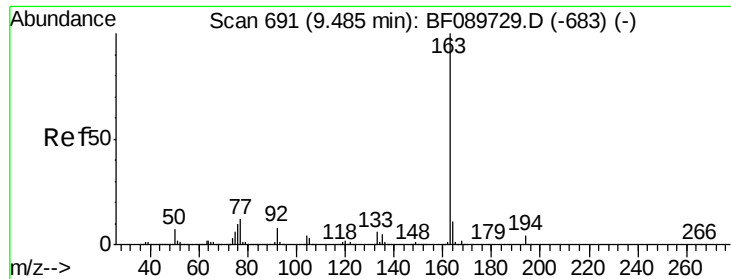
151 21.5 17.1 25.7

153 14.6 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

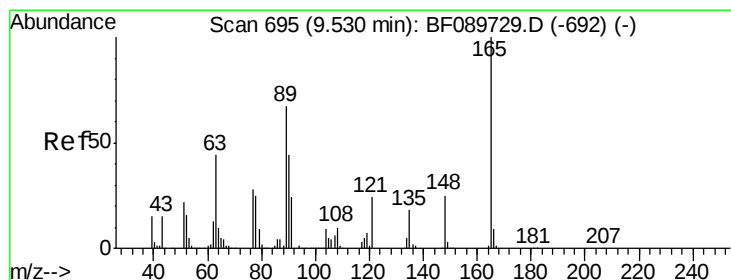
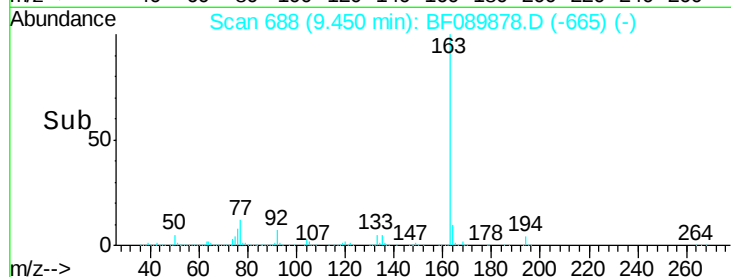
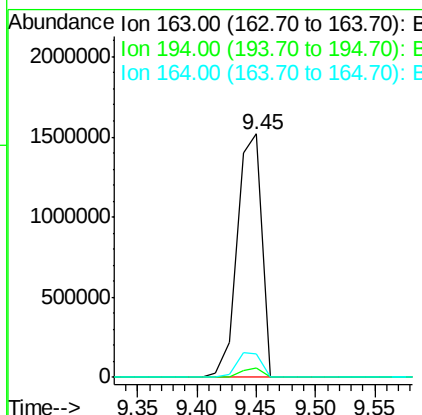
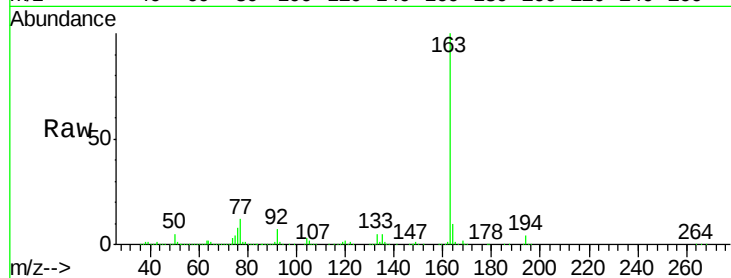




#49
Dimethylphthalate
Concen: 38.10 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

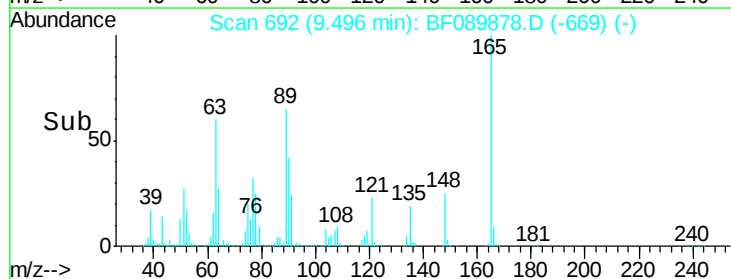
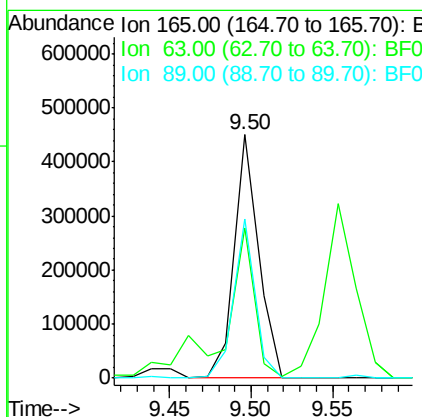
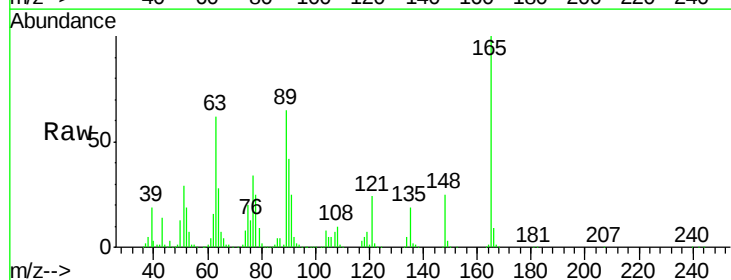
Instrument :
BNA_F
ClientSampleId :

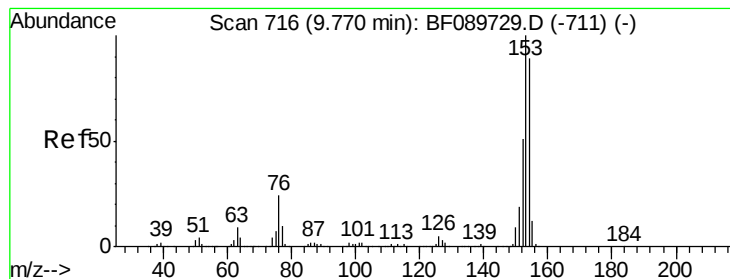
Tot Ion:163 Resp: 2172944
Ion Ratio Lower Upper
163 100
194 3.9 2.6 3.8#
164 9.8 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 35.73 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:165 Resp: 461198
Ion Ratio Lower Upper
165 100
63 61.6 41.7 62.5
89 65.1 44.6 67.0





#51

Acenaphthene

Concen: 39.20 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

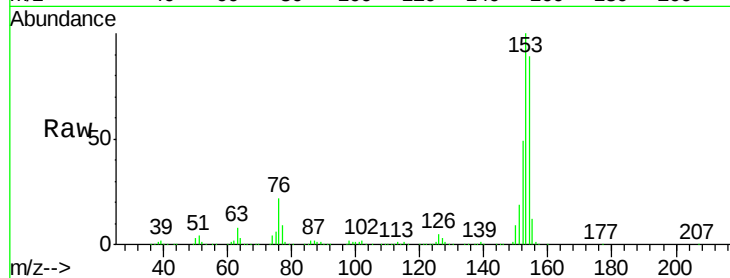
Tot Ion:154 Resp: 1991746

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

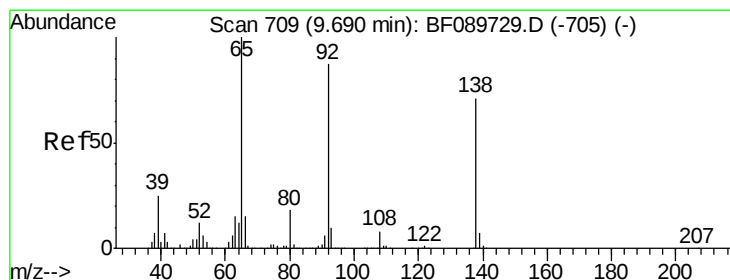
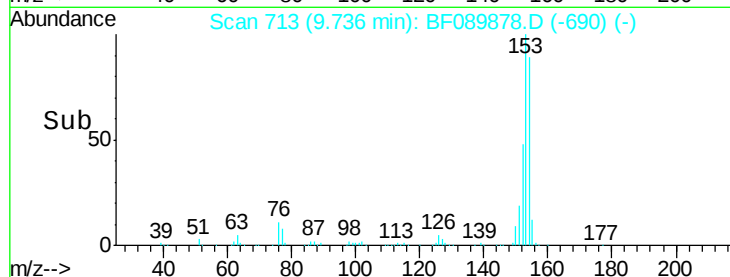
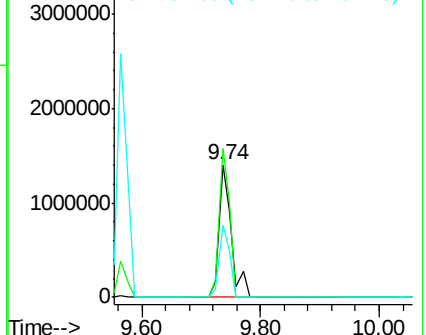
152 54.9 44.6 67.0



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: 22.91 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

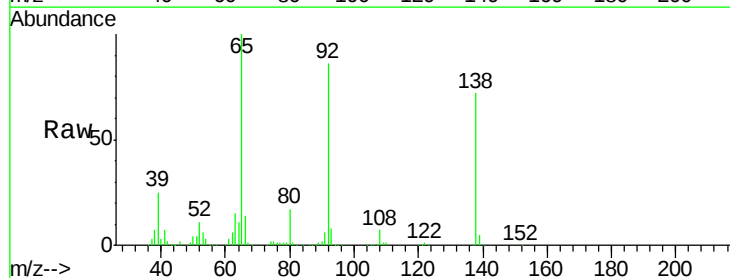
Tgt Ion:138 Resp: 343835

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

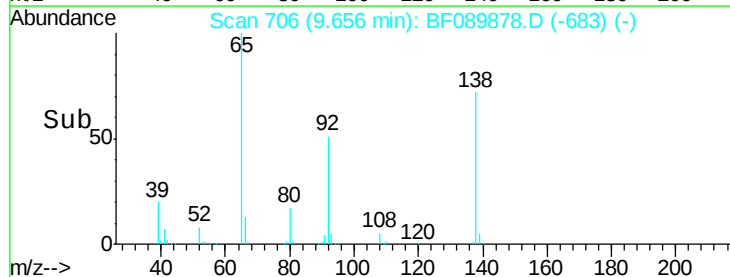
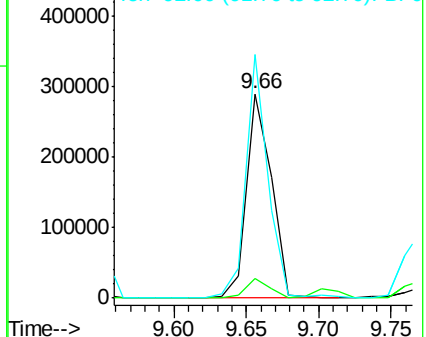
92 119.4 92.7 139.1

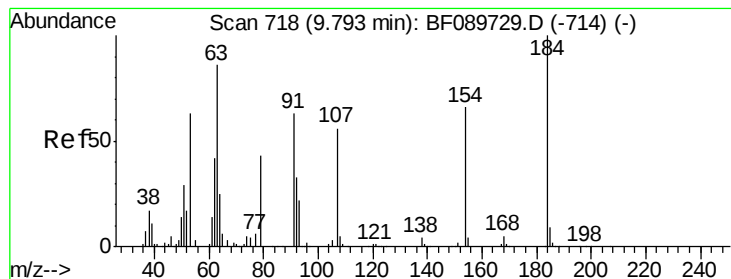


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 79.14 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

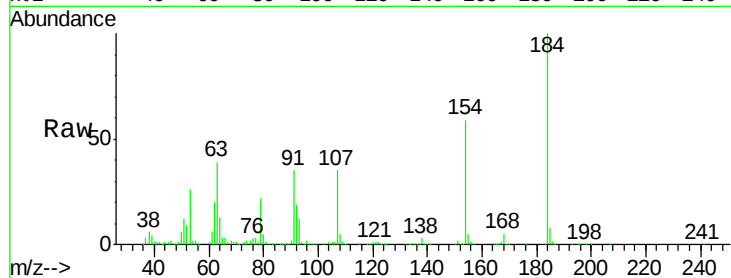
Tot Ion:184 Resp: 456106

Ion Ratio Lower Upper

184 100

63 39.4 54.2 81.4#

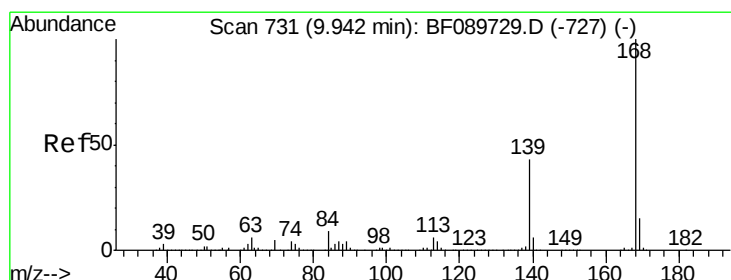
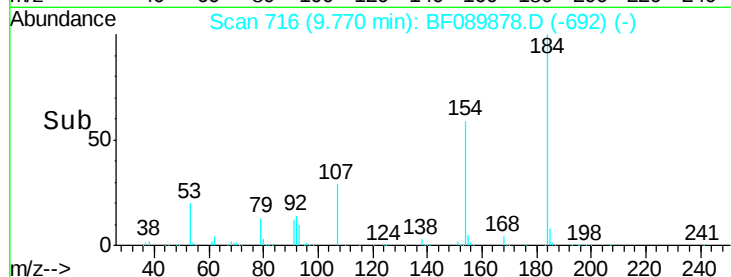
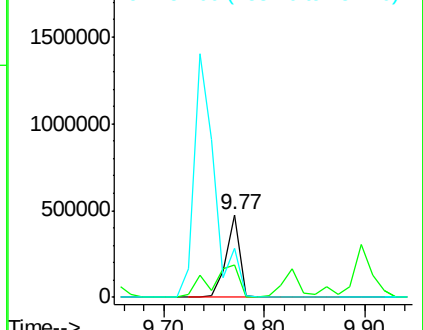
154 58.8 52.7 79.1



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: 41.65 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

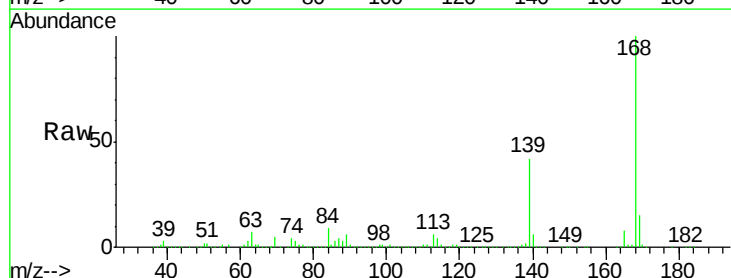
Tgt Ion:168 Resp: 2604258

Ion Ratio Lower Upper

168 100

139 42.1 34.6 52.0

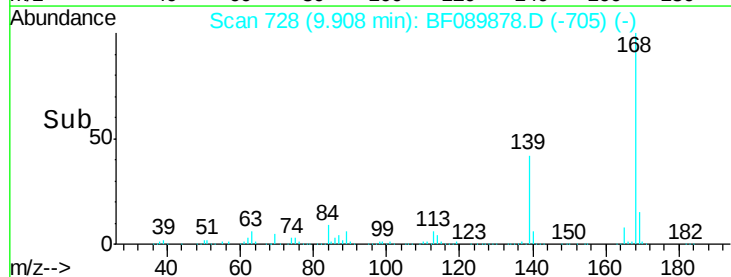
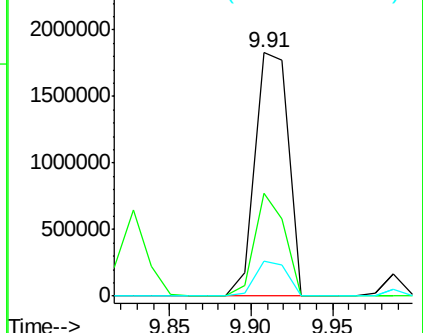
169 14.6 11.5 17.3

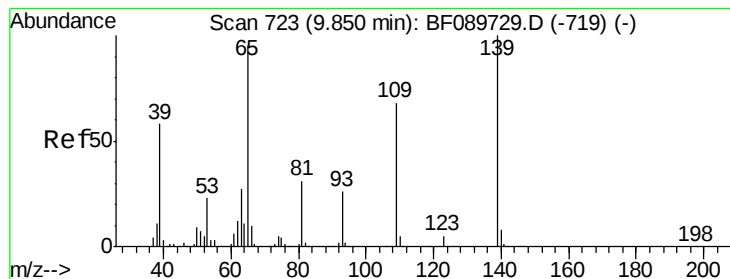


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 66.95 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

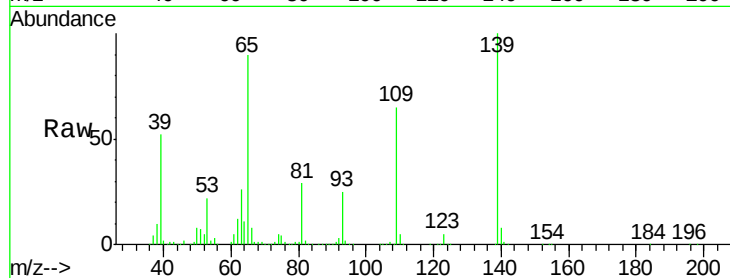
Tot Ion:139 Resp: 773000

Ion Ratio Lower Upper

139 100

109 64.6 43.0 83.0

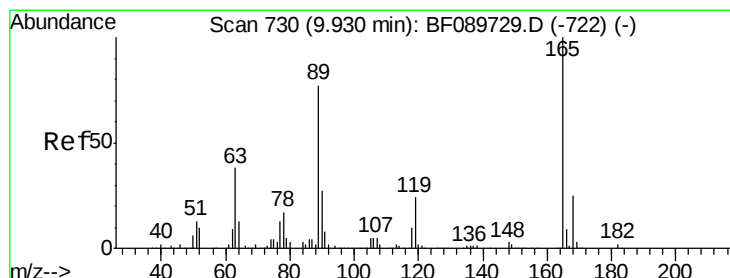
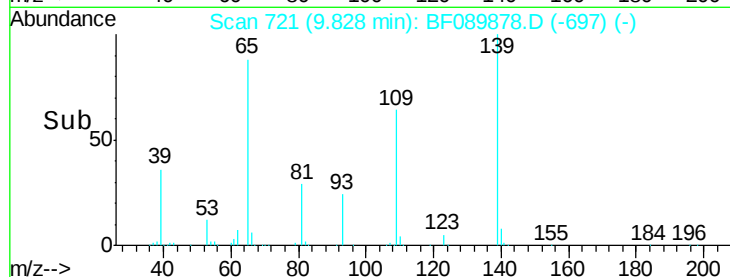
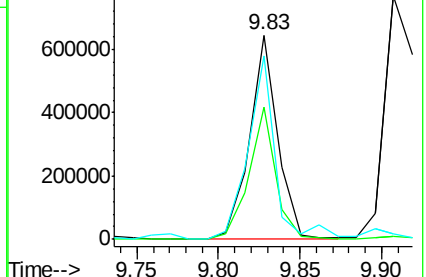
65 90.0 55.7 95.7



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 36.34 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion:165 Resp: 602994

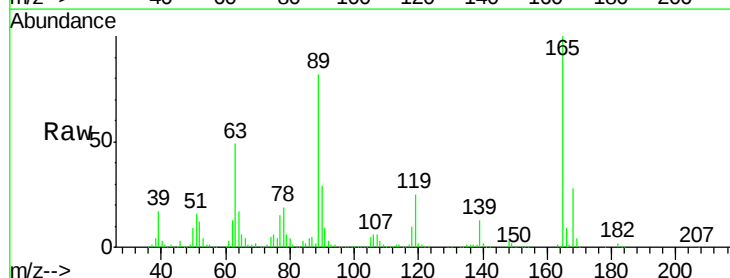
Ion Ratio Lower Upper

165 100

63 48.5 23.7 35.5#

89 82.5 44.0 66.0#

182 2.0 2.0 3.0#

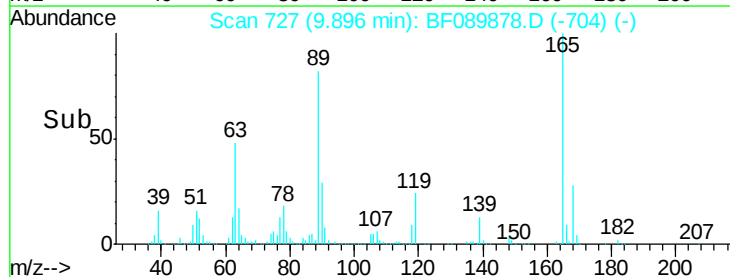
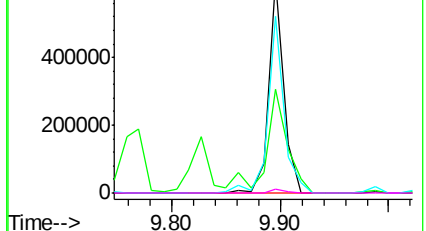


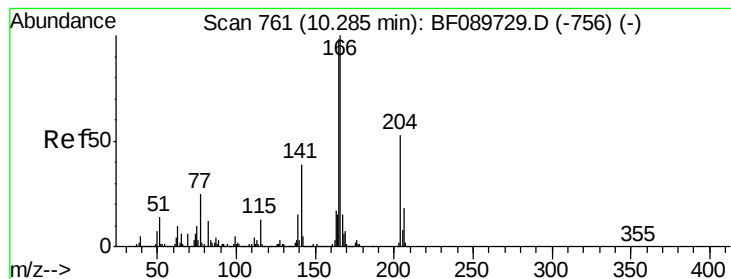
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 34.13 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

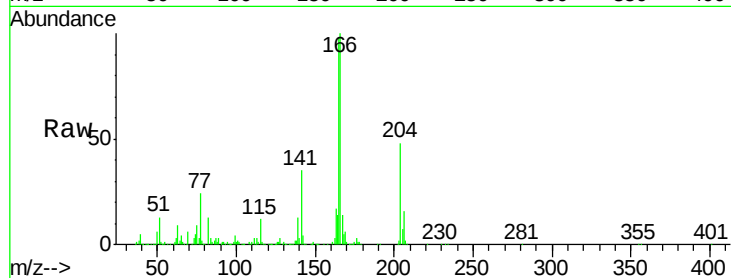
Tot Ion:166 Resp: 1724218

Ion Ratio Lower Upper

166 100

165 97.6 80.2 120.4

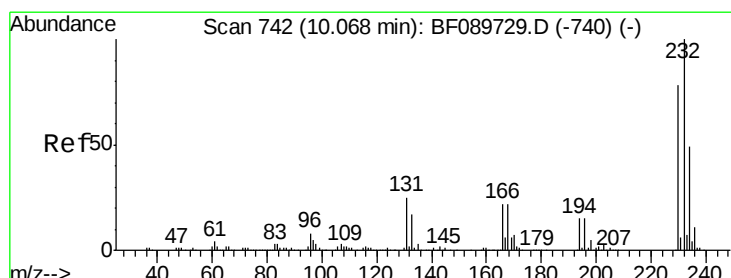
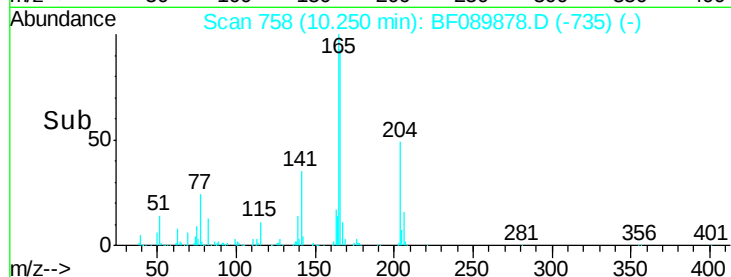
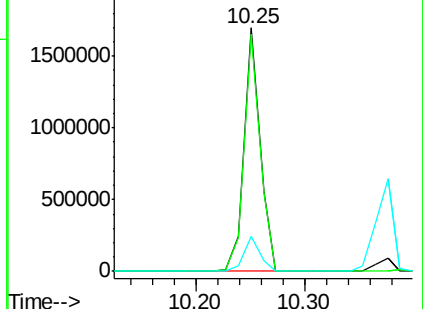
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.15 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion:232 Resp: 550372

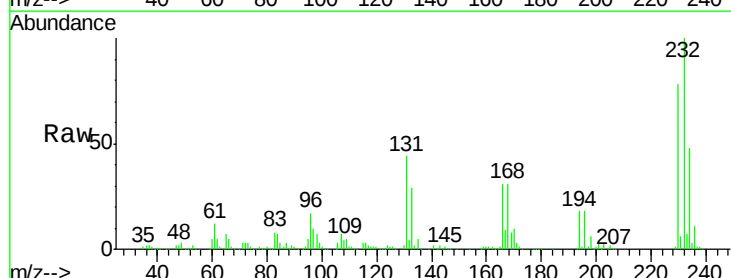
Ion Ratio Lower Upper

232 100

131 50.2 42.5 63.7

130 2.3 2.2 3.4

166 33.3 27.3 40.9

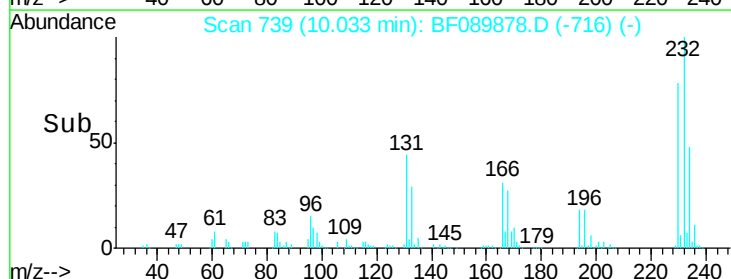
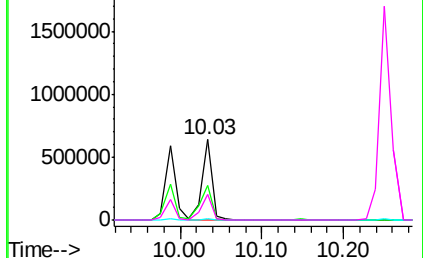


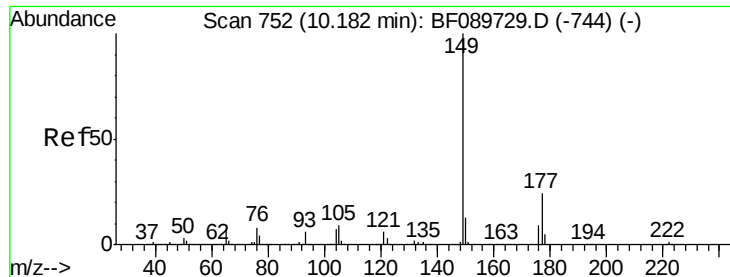
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

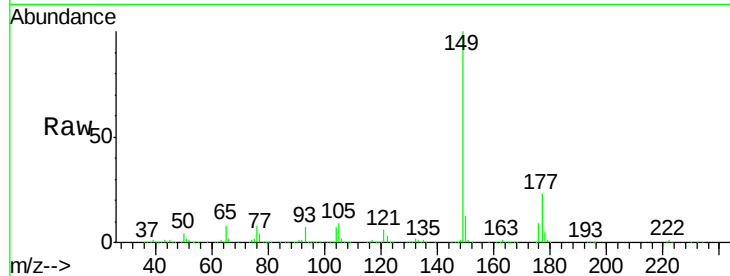




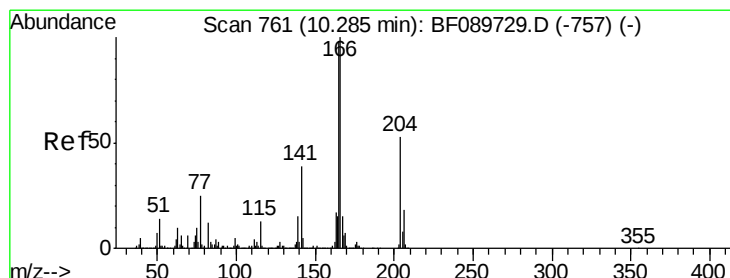
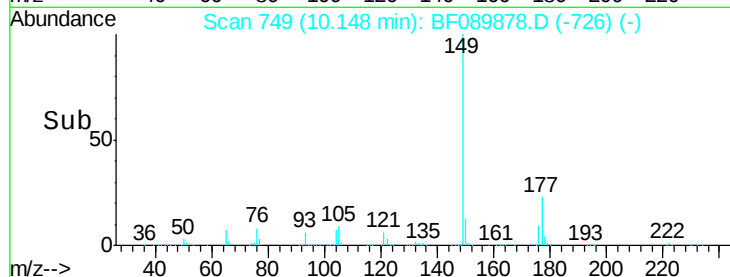
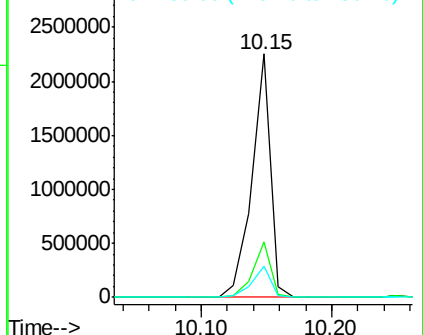
#59
Diethylphthalate
Concen: 38.54 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 2228472
Ion Ratio Lower Upper
149 100
177 22.5 16.6 25.0
150 13.0 10.5 15.7

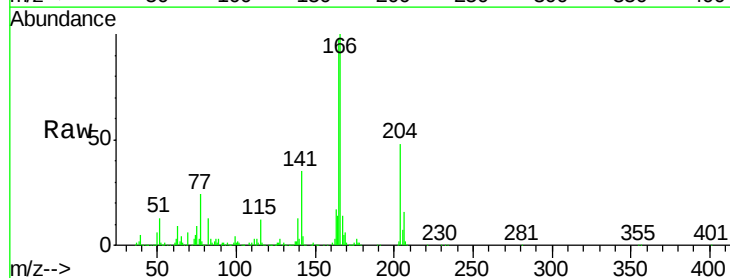


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

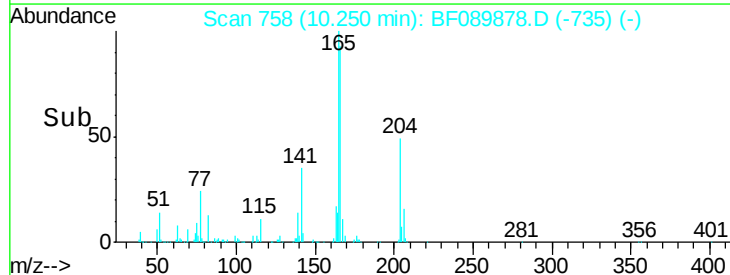
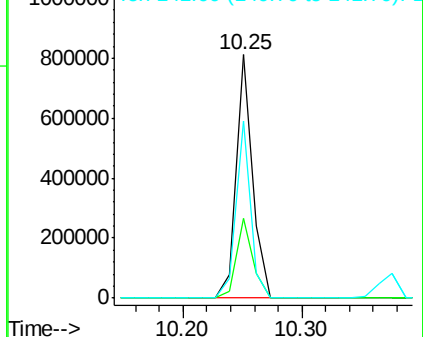


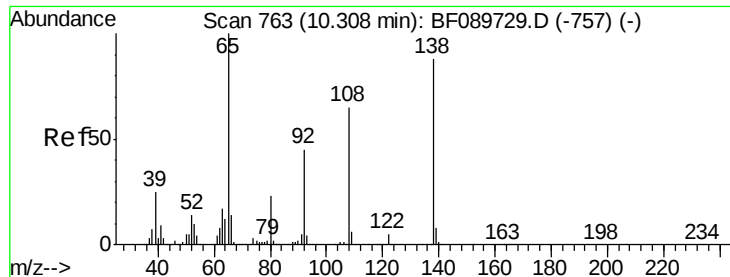
#60
4-Chlorophenyl-phenylether
Concen: 31.35 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:204 Resp: 777671
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 72.8 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: 32.97 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampled :

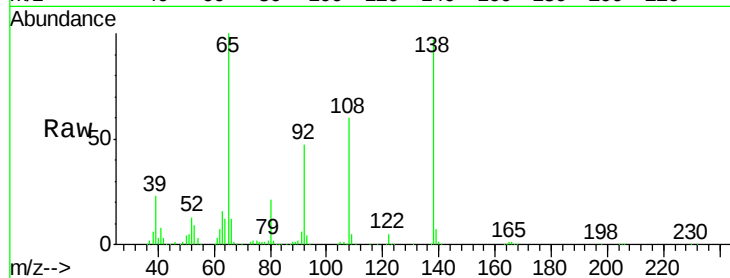
Tot Ion:138 Resp: 480472

Ion Ratio Lower Upper

138 100

92 48.3 26.4 66.4

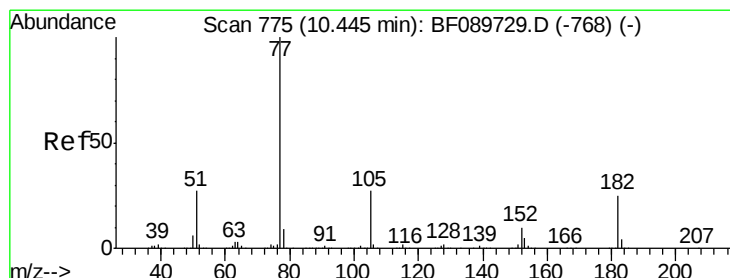
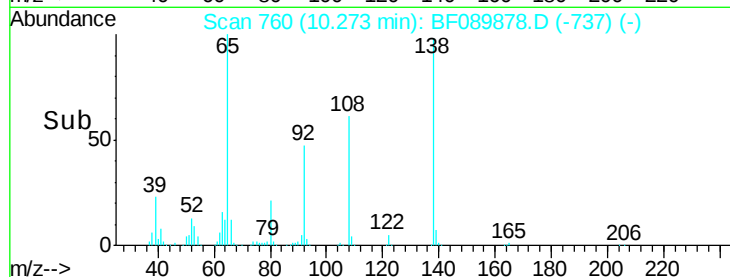
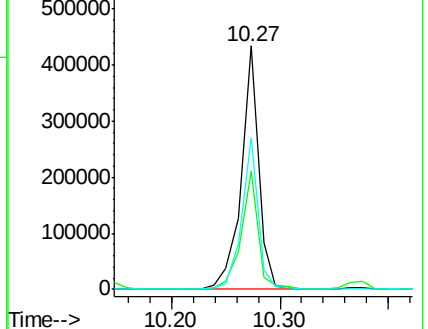
108 62.4 47.0 87.0



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: 39.20 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion: 77 Resp: 2141606

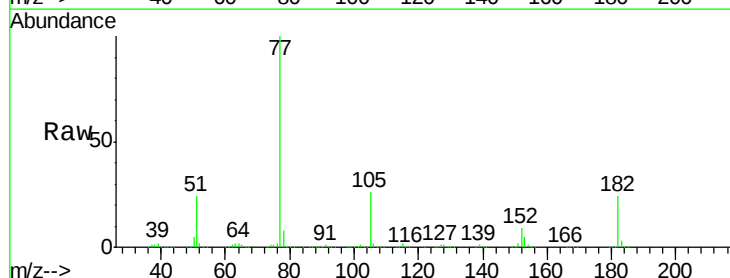
Ion Ratio Lower Upper

77 100

182 24.0 5.6 45.6

105 26.1 4.0 44.0

51 23.6 7.8 47.8

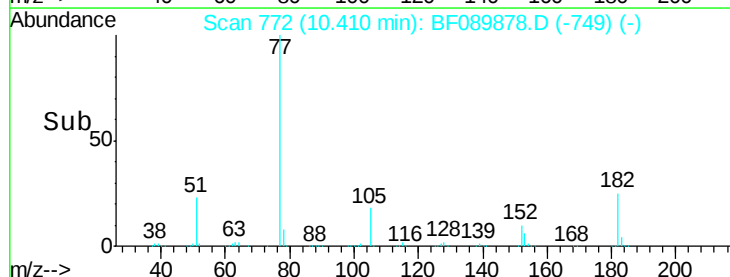
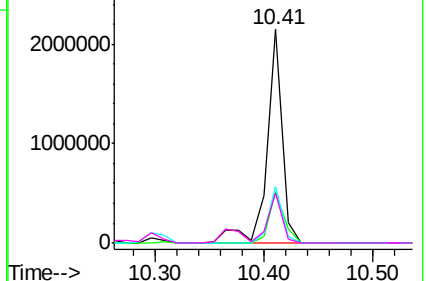


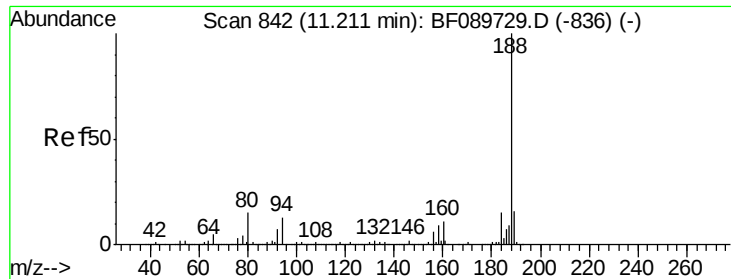
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

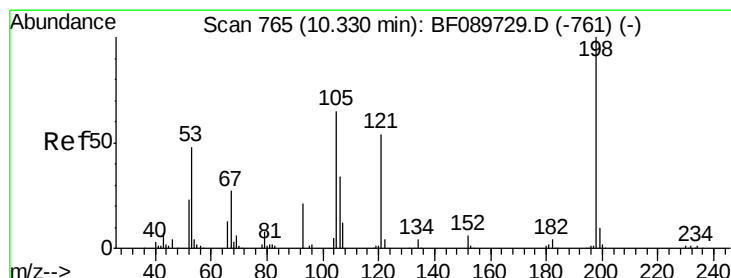
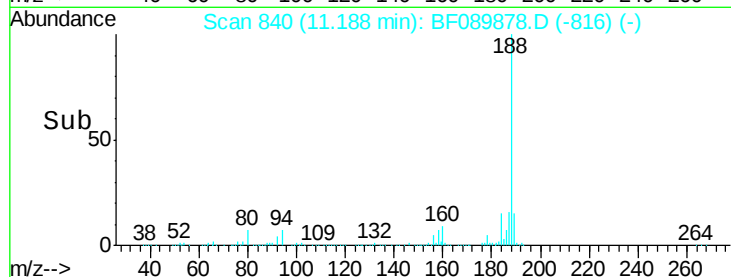
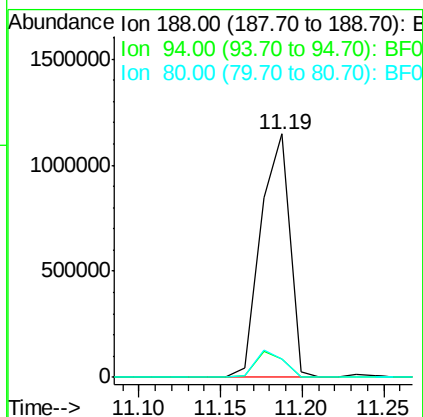
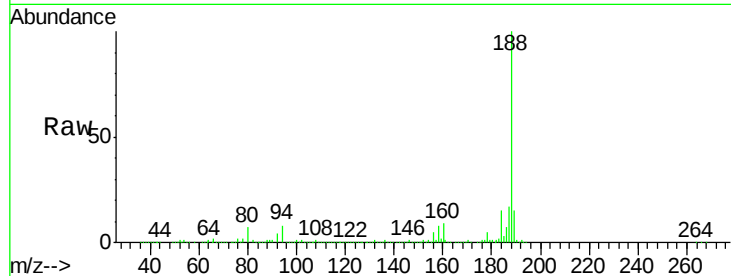




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

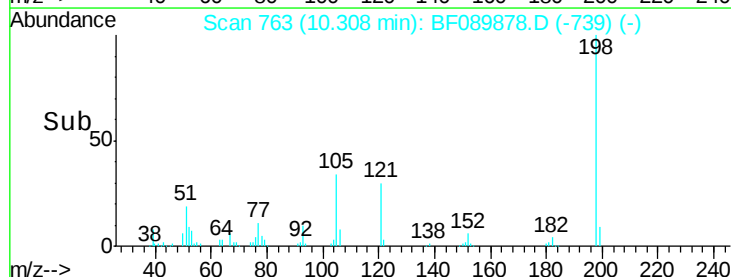
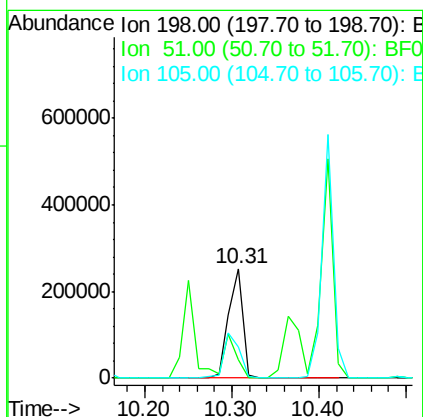
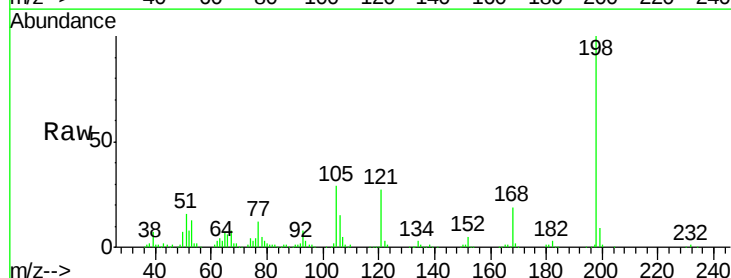
Instrument :
BNA_F
ClientSampleId :

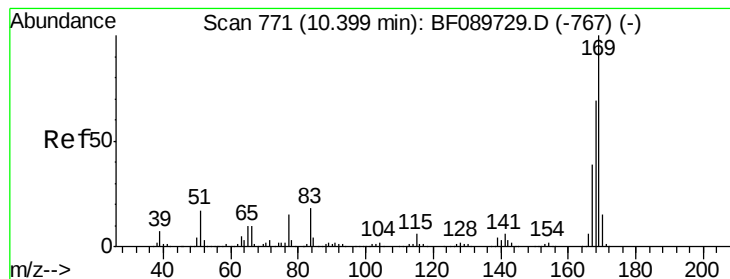
Tot Ion:188 Resp: 1420523
Ion Ratio Lower Upper
188 100
94 7.6 10.2 15.2#
80 7.4 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 34.88 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:198 Resp: 287666
Ion Ratio Lower Upper
198 100
51 16.4 32.3 72.3#
105 28.9 32.9 72.9#





#65

n-Nitrosodiphenylamine

Concen: 41.67 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

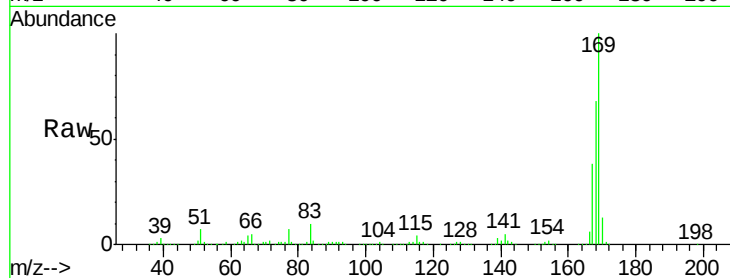
Tot Ion:169 Resp: 1857356

Ion Ratio Lower Upper

169 100

168 68.1 54.6 82.0

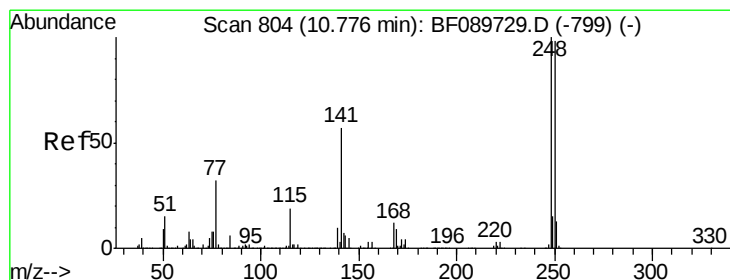
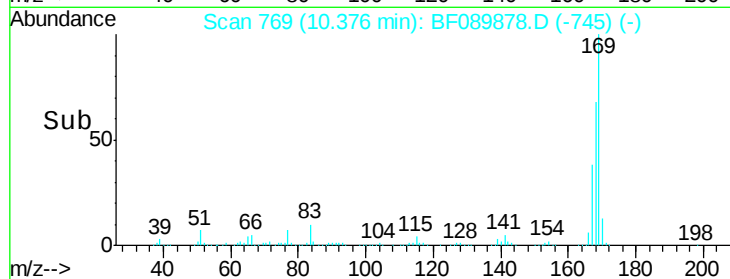
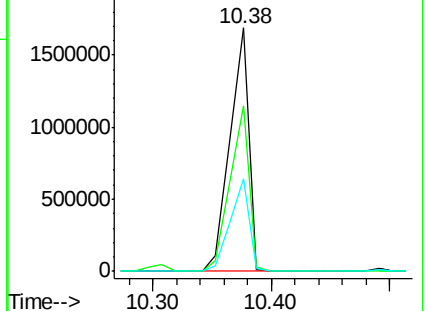
167 38.0 30.6 45.8



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: 39.43 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

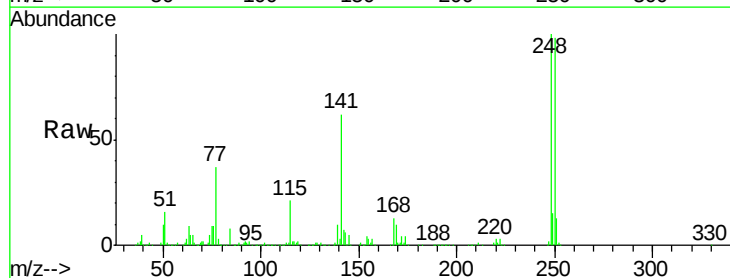
Tgt Ion:248 Resp: 580043

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

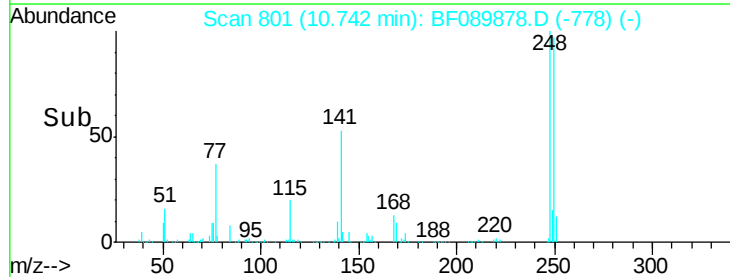
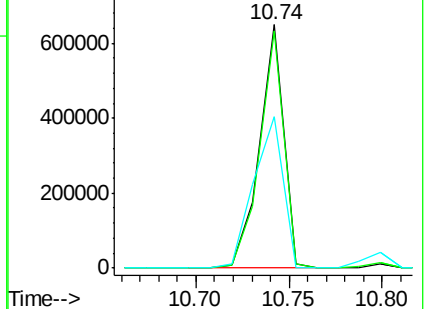
141 62.0 31.4 47.2#

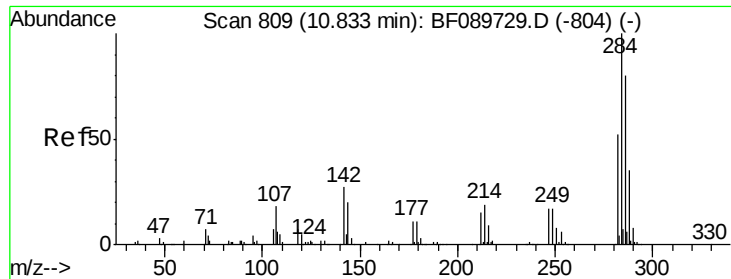


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

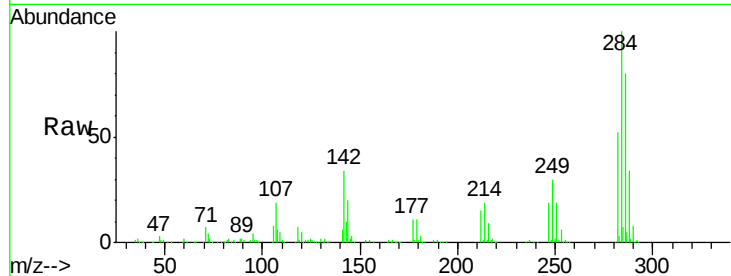




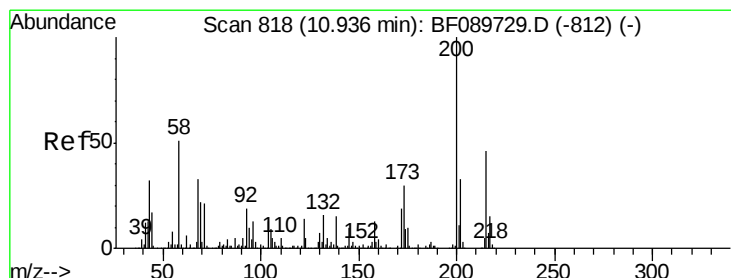
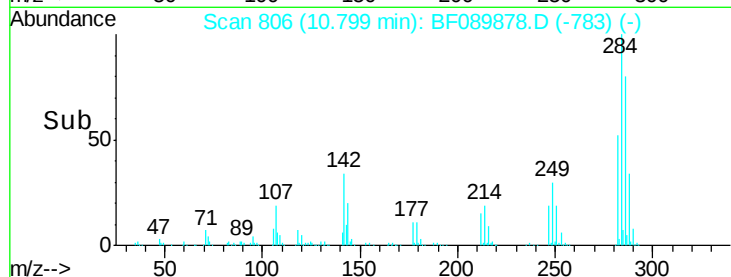
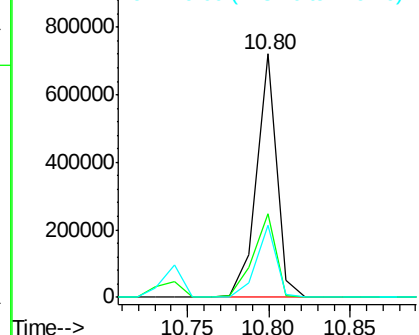
#67
Hexachlorobenzene
Concen: 37.87 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.1	17.4	26.2
249	29.8	22.8	34.2

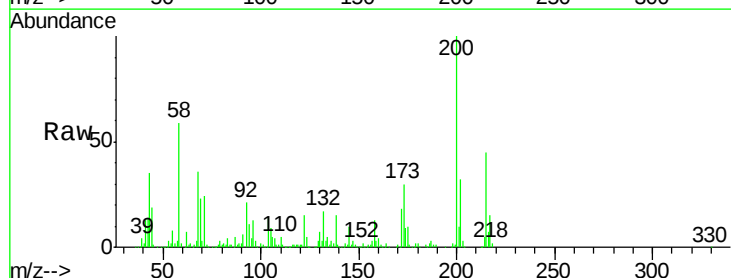


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

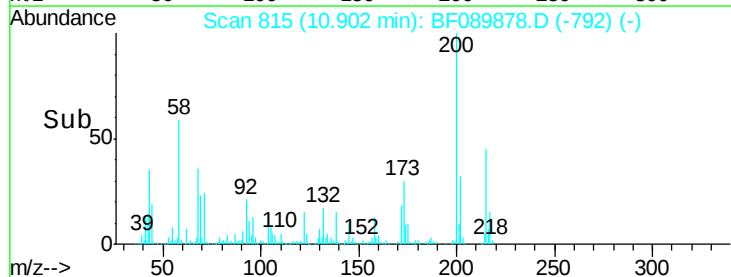
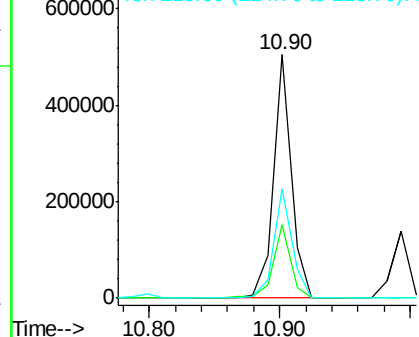


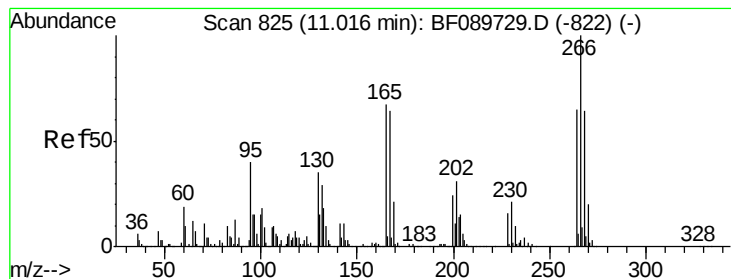
#68
Atrazine
Concen: 36.03 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	6.6	46.6
215	45.1	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: 65.02 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

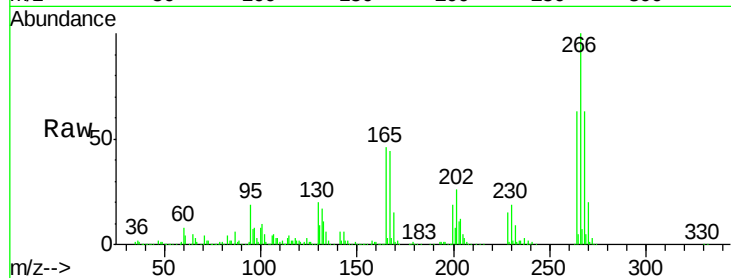
Tot Ion:266 Resp: 662465

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

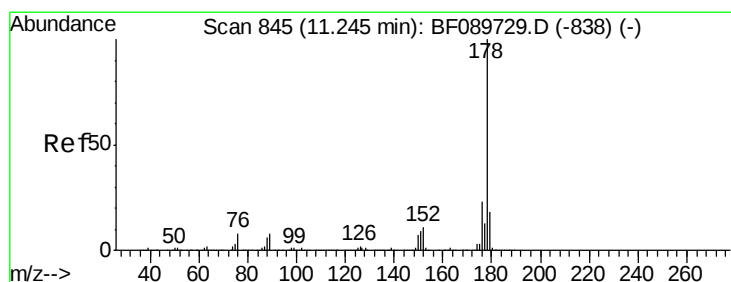
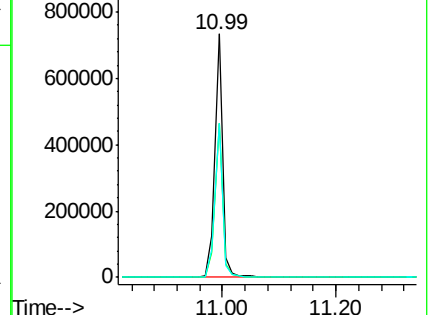
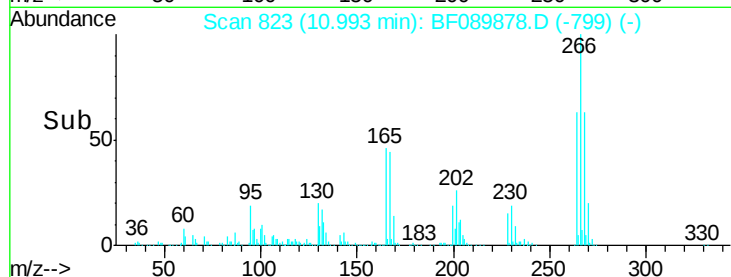
264 63.4 51.1 76.7



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: 42.49 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

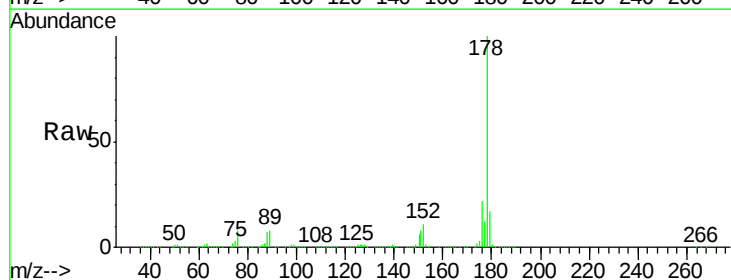
Tgt Ion:178 Resp: 2966461

Ion Ratio Lower Upper

178 100

176 21.8 16.4 24.6

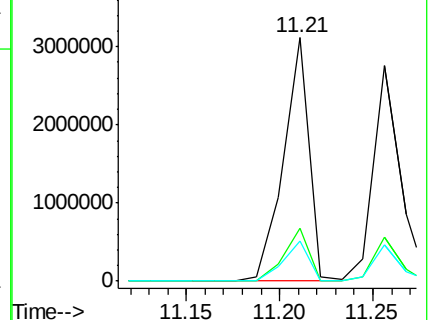
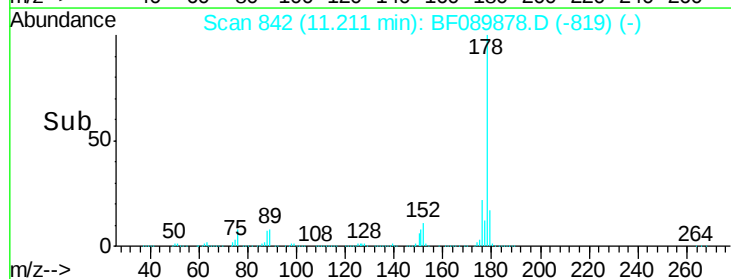
179 16.7 12.5 18.7

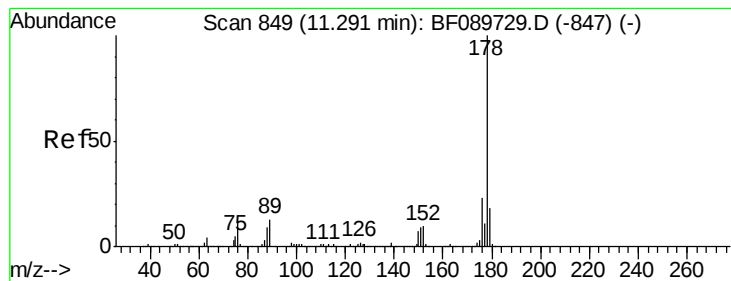


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.01 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

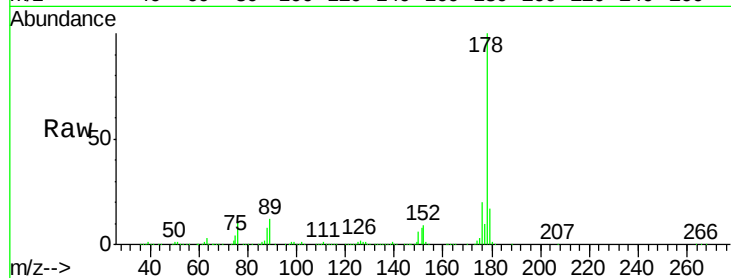
Tot Ion:178 Resp: 2699943

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

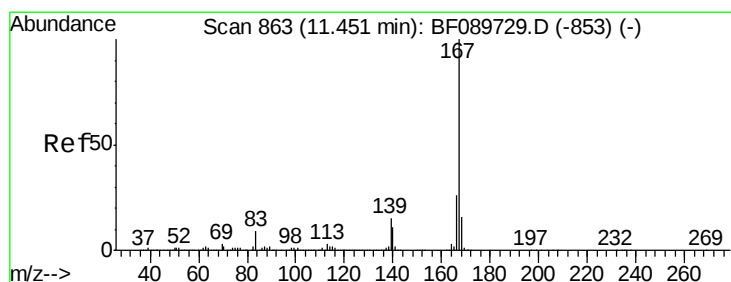
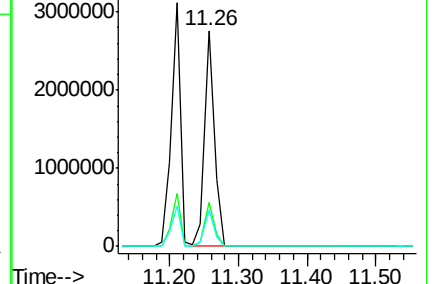
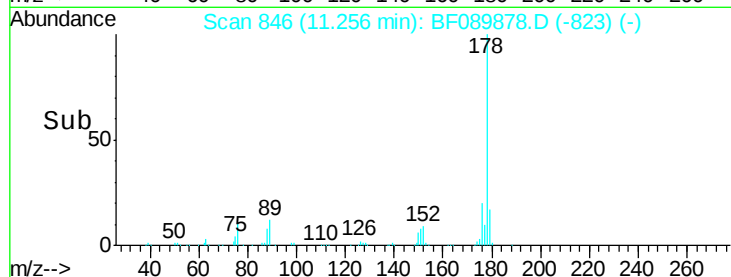
179 16.9 13.1 19.7



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: 39.40 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

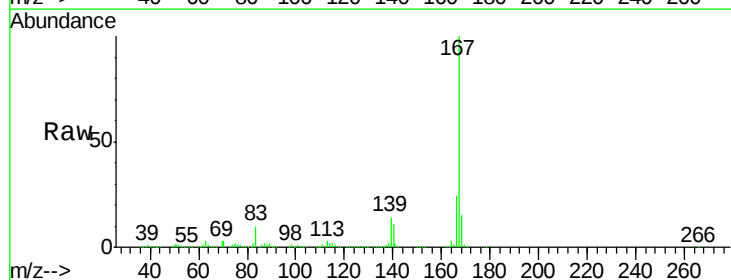
Tgt Ion:167 Resp: 2723684

Ion Ratio Lower Upper

167 100

166 23.5 17.9 26.9

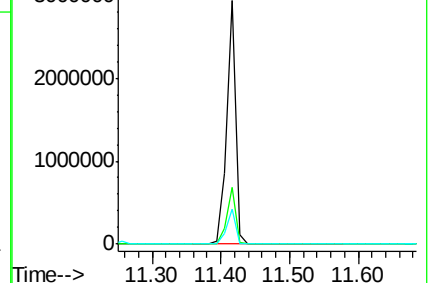
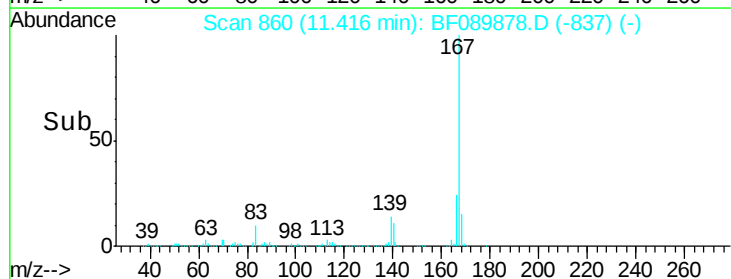
139 14.2 12.4 18.6

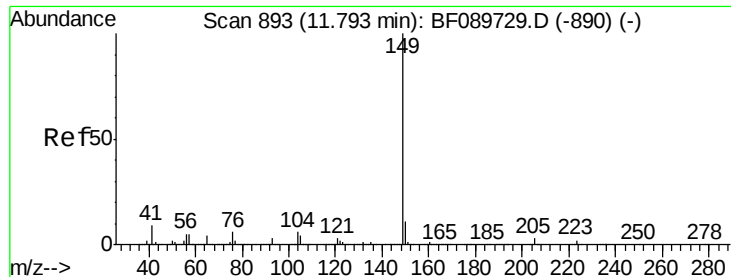


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

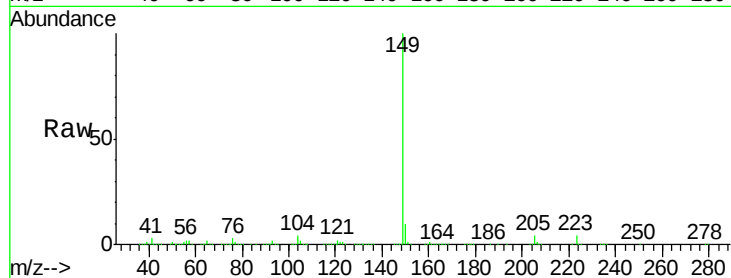
Tot Ion:149 Resp: 3346838

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

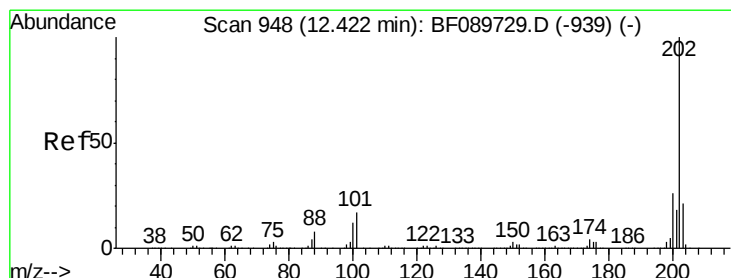
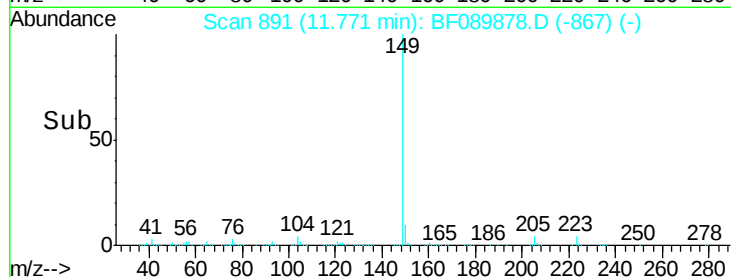
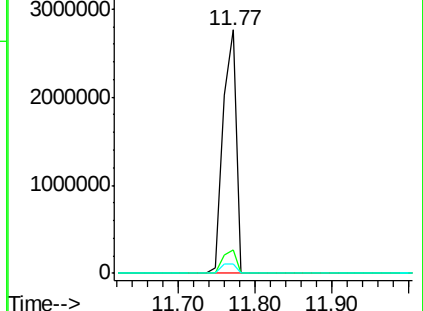
104 3.6 4.3 6.5#



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: 38.08 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

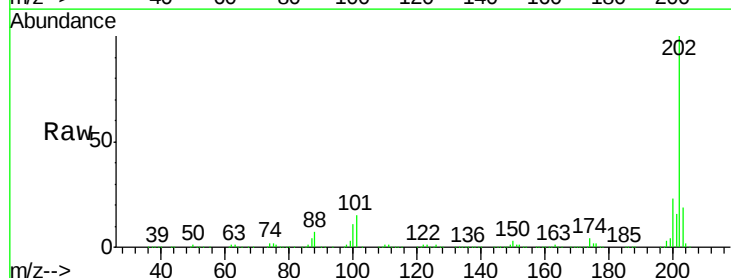
Tgt Ion:202 Resp: 2671296

Ion Ratio Lower Upper

202 100

101 15.4 0.0 31.2

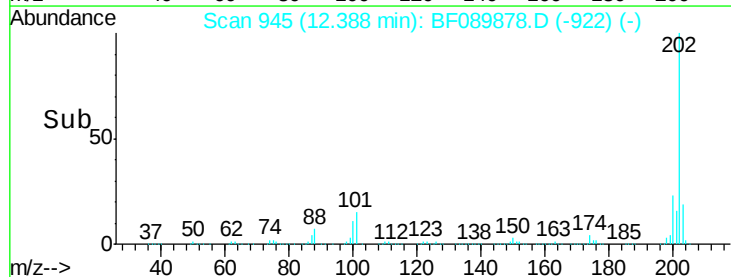
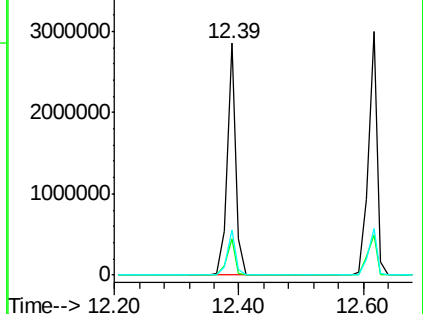
203 19.3 0.0 38.1

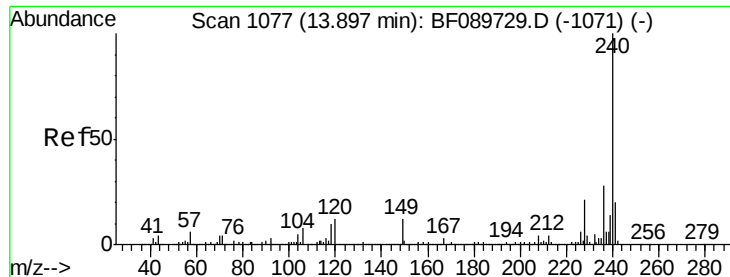


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.06 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampled :

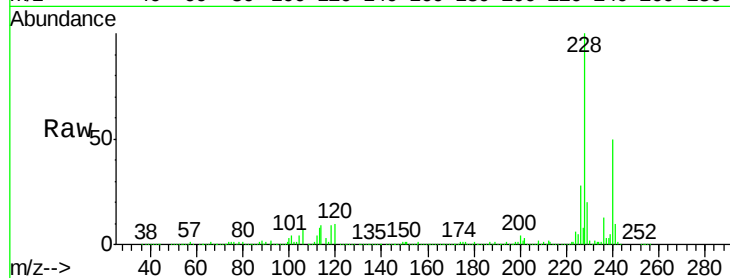
Tot Ion:240 Resp: 1043361

Ion Ratio Lower Upper

240 100

120 20.0 8.3 12.5#

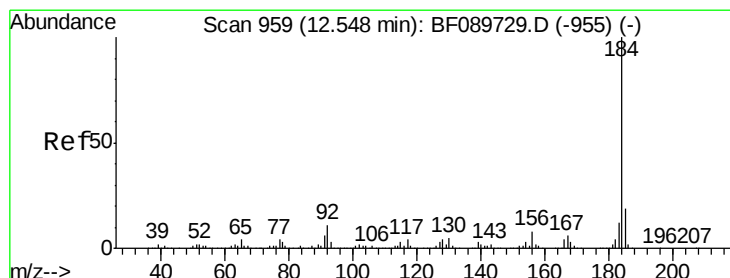
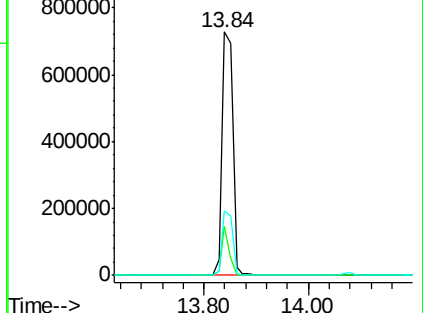
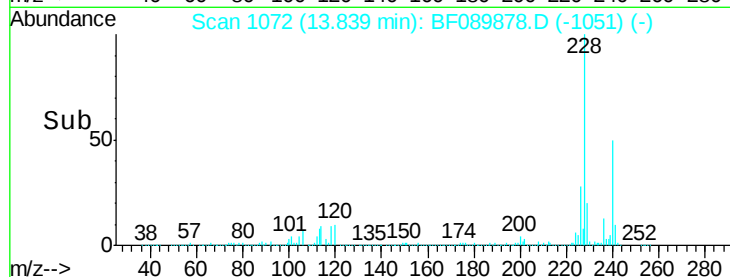
236 26.4 21.3 31.9



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: 30.75 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

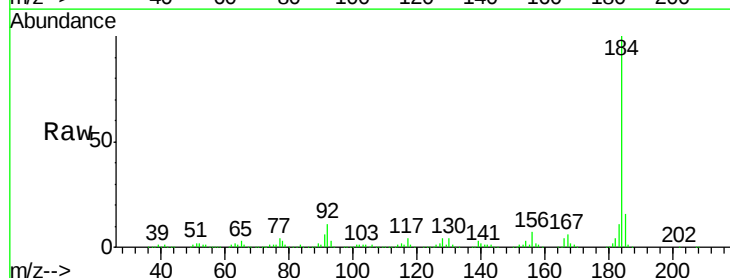
Tgt Ion:184 Resp: 1151668

Ion Ratio Lower Upper

184 100

185 16.0 13.8 20.8

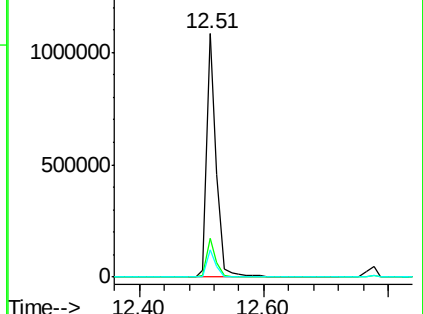
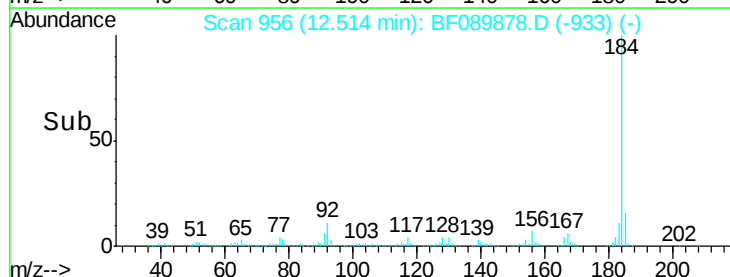
183 11.2 9.7 14.5

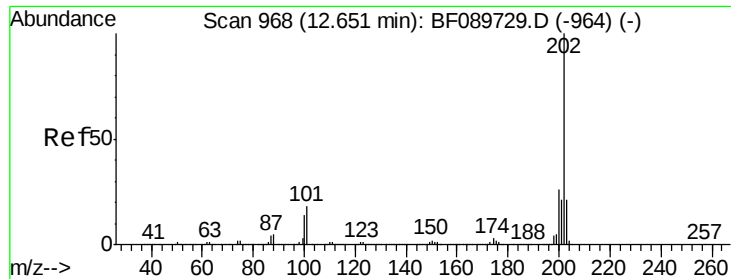


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

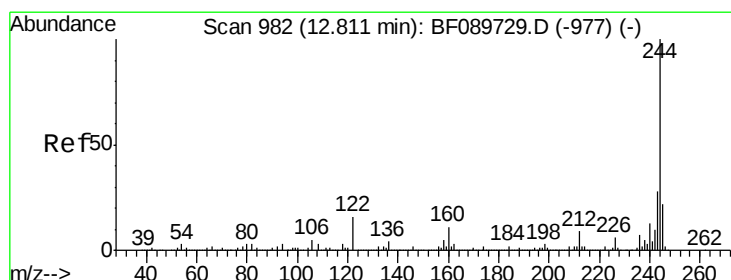
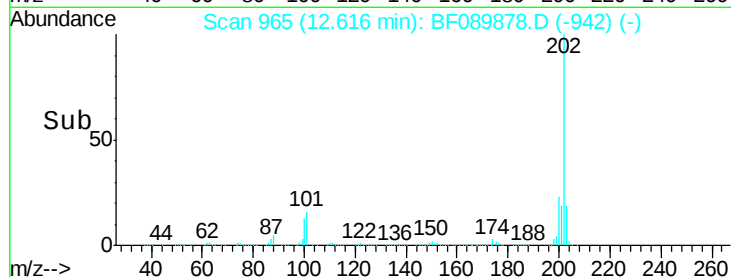
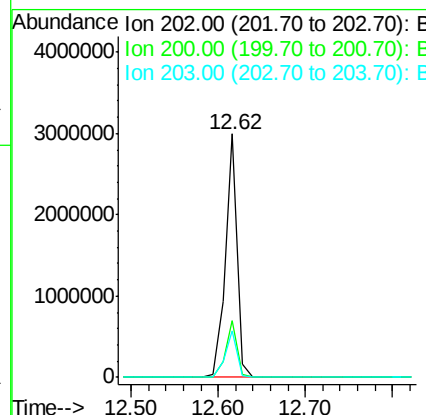
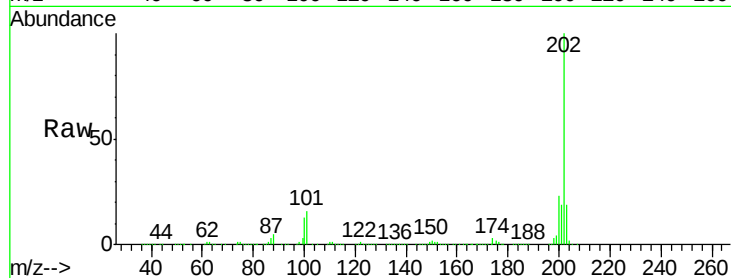




#77
Pvrene
Concen: 41.69 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

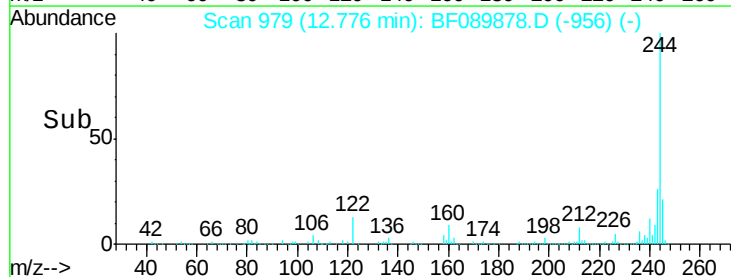
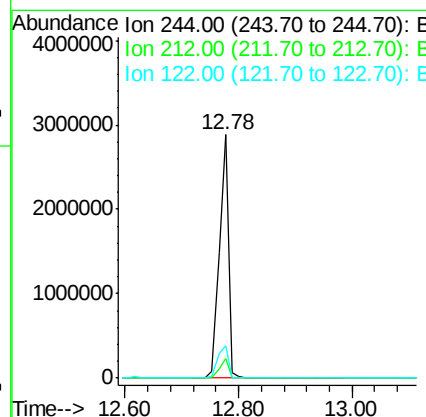
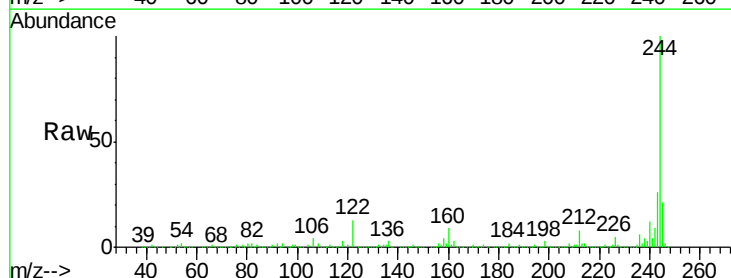
Instrument :
BNA_F
ClientSampleId :

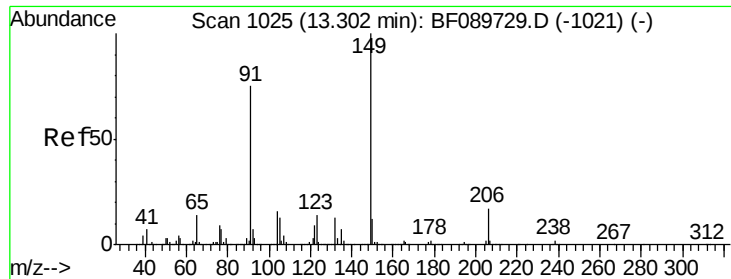
Tot Ion:202 Resp: 2846865
Ion Ratio Lower Upper
202 100
200 23.4 17.8 26.6
203 18.9 14.2 21.4



#78
Terphenyl-d14
Concen: 89.70 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:244 Resp: 3132809
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 13.2 12.0 18.0

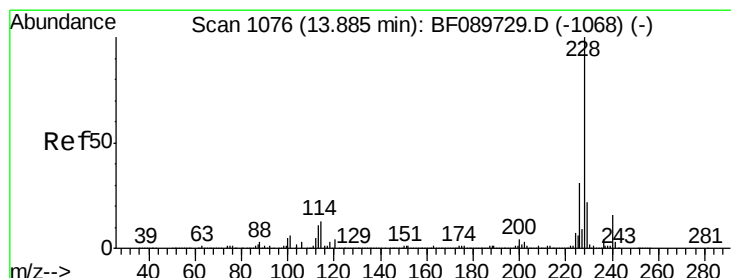
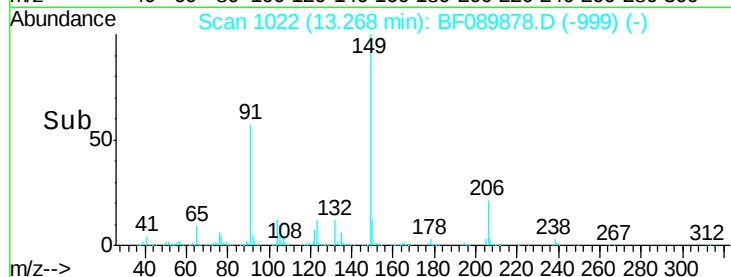
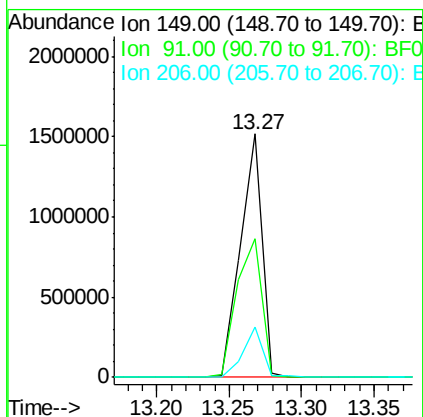
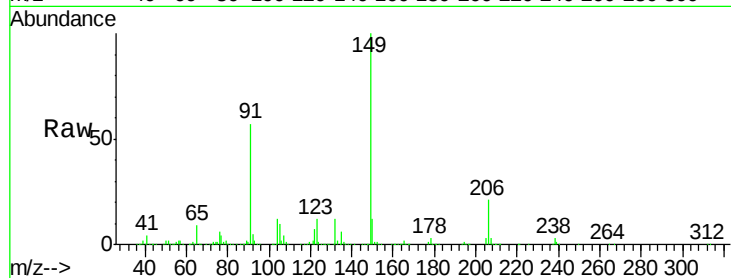




#79
Butylbenzylphthalate
Concen: 46.00 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

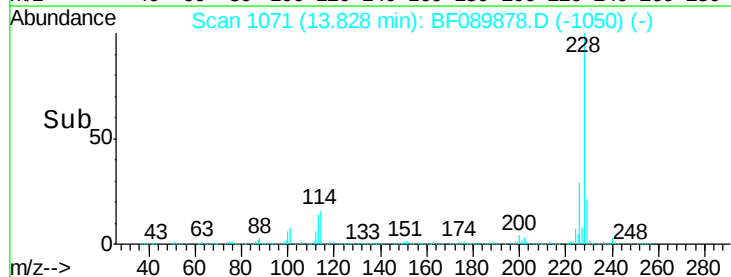
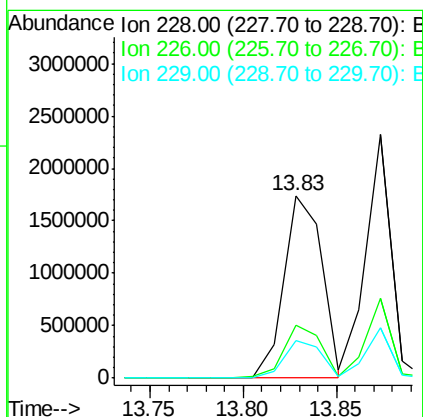
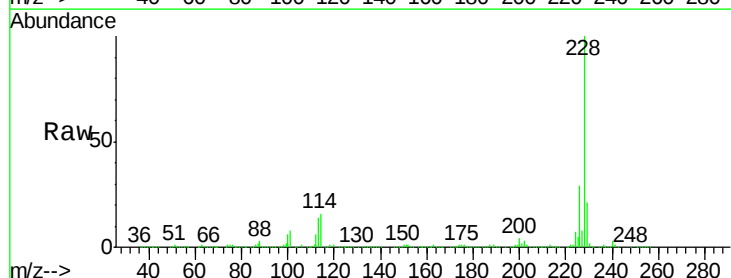
Instrument :
BNA_F
ClientSampleId :

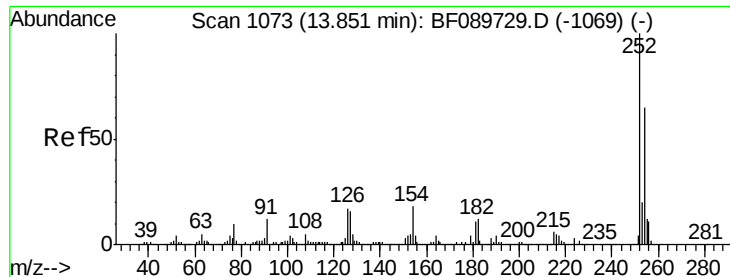
Tot Ion:149 Resp: 1575622
Ion Ratio Lower Upper
149 100
91 56.8 50.7 76.1
206 20.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 40.85 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.06 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:228 Resp: 2476214
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.8 16.2 24.4

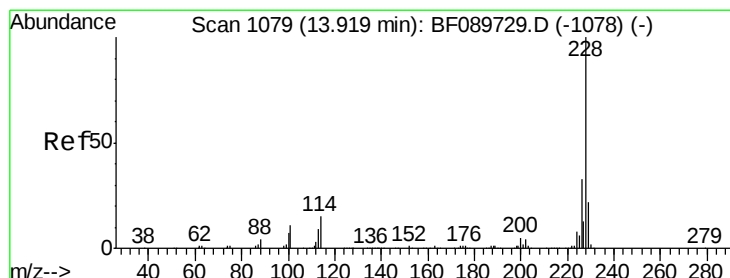
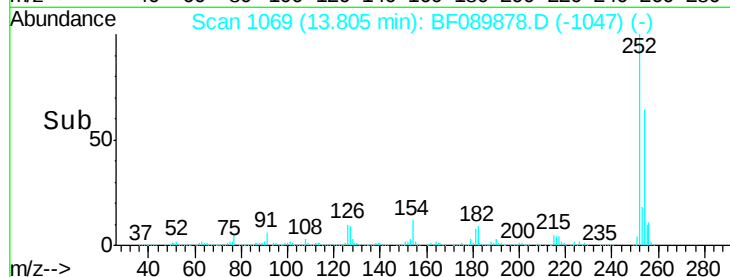
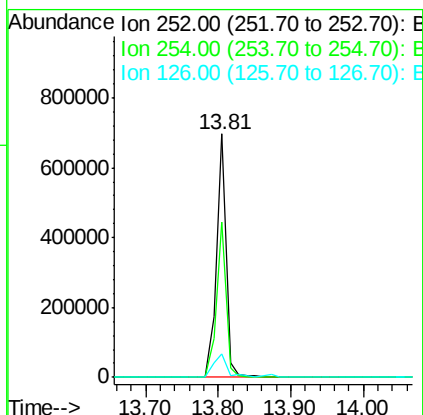
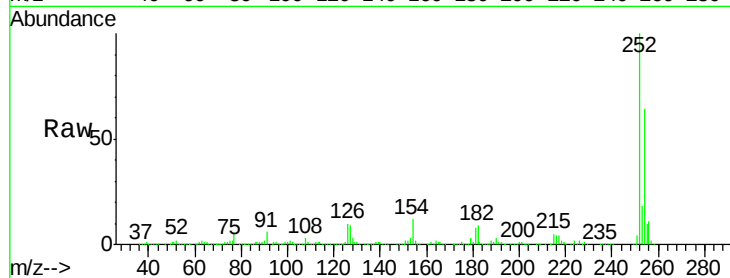




#81
 3,3'-Dichlorobenzidine
 Concen: 29.16 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

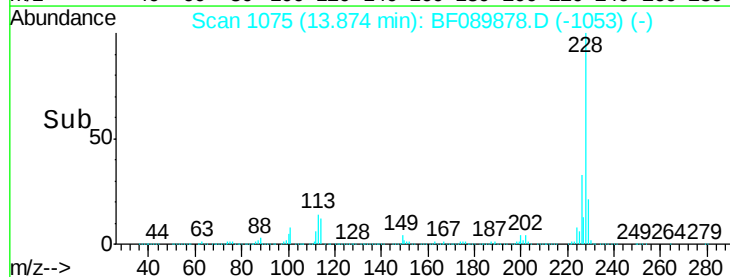
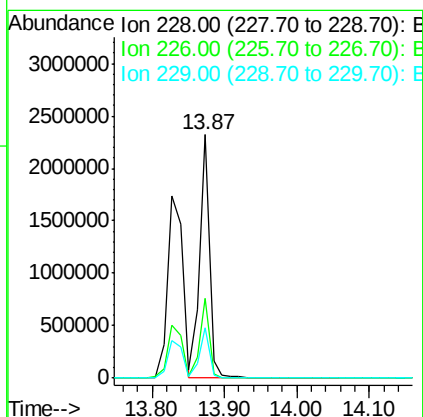
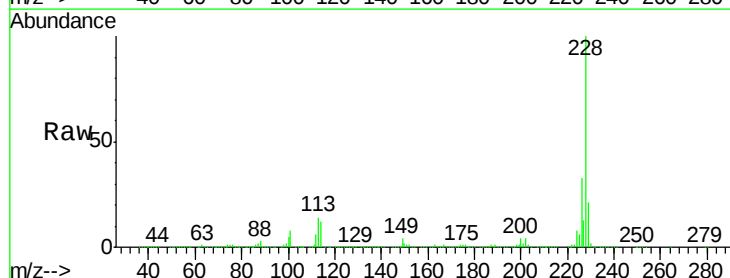
Instrument :
 BNA_F
 ClientSampleId :

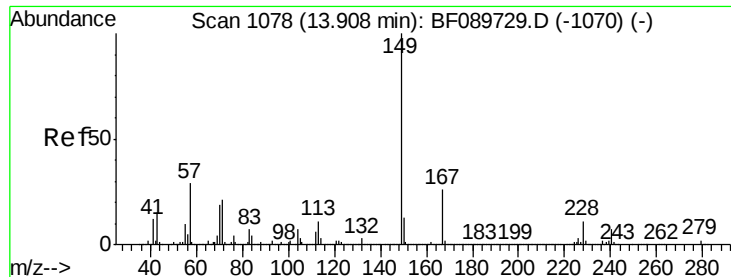
Tot Ion:252 Resp: 644010
 Ion Ratio Lower Upper
 252 100
 254 64.0 50.6 75.8
 126 9.8 12.6 18.8#



#82
 Chrysene
 Concen: 40.34 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.05 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:228 Resp: 2201057
 Ion Ratio Lower Upper
 228 100
 226 32.6 25.4 38.0
 229 20.8 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.44 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.05 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

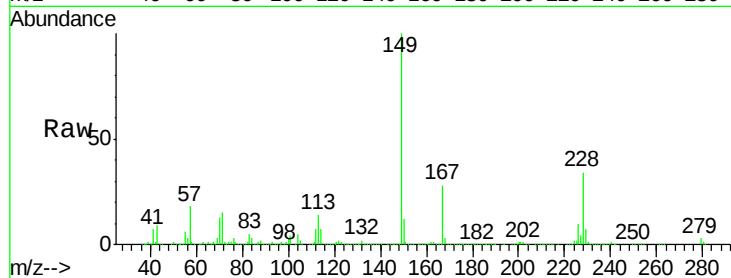
Tot Ion:149 Resp: 2059673

Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

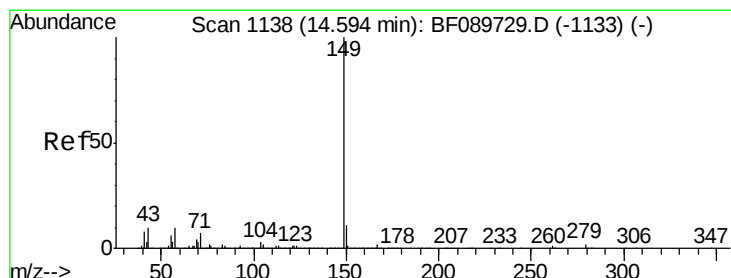
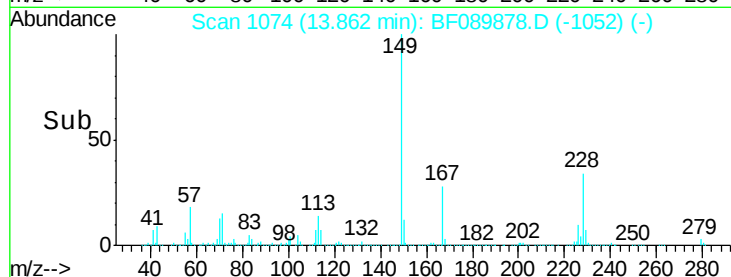
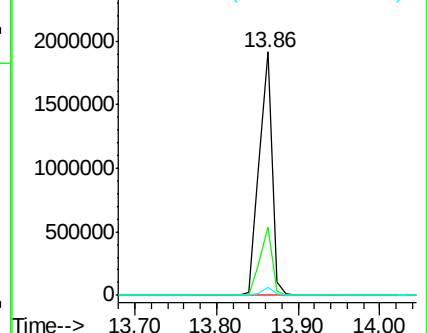
279 3.4 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.30 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.07 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

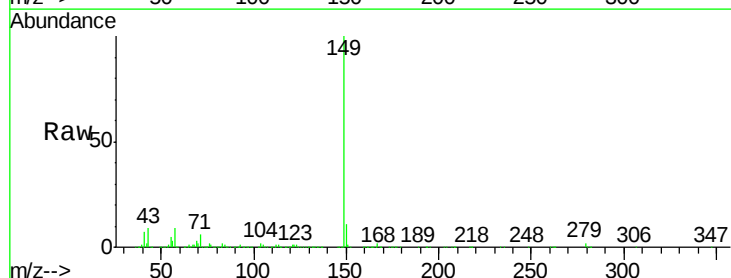
Tgt Ion:149 Resp: 3473434

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

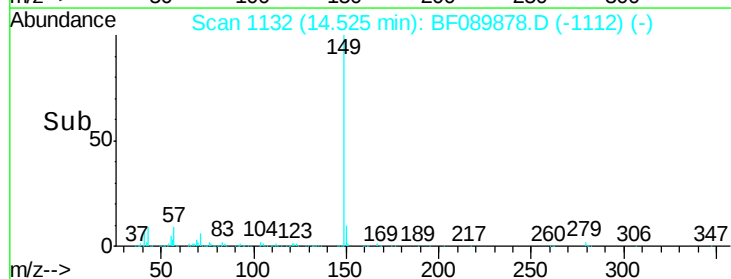
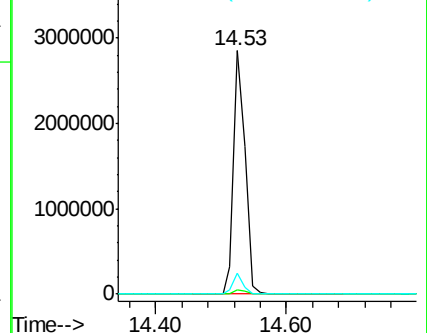
43 7.7 8.4 12.6#

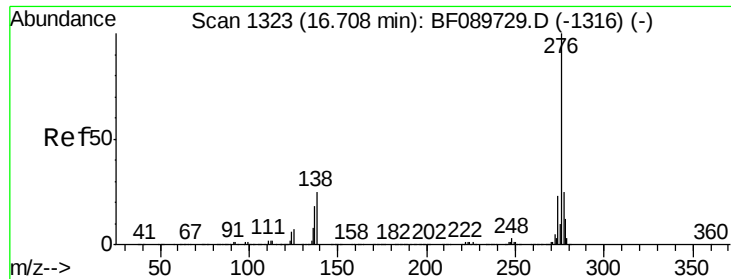


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



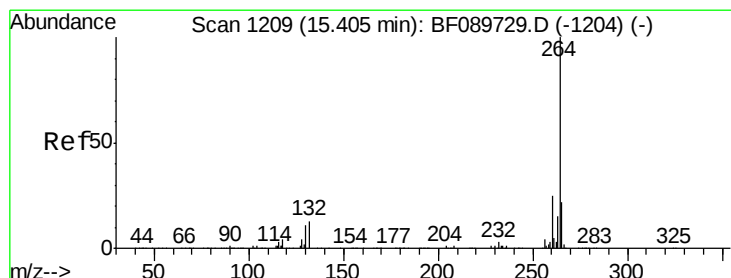
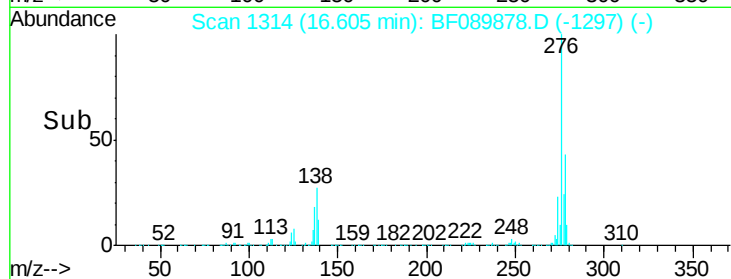
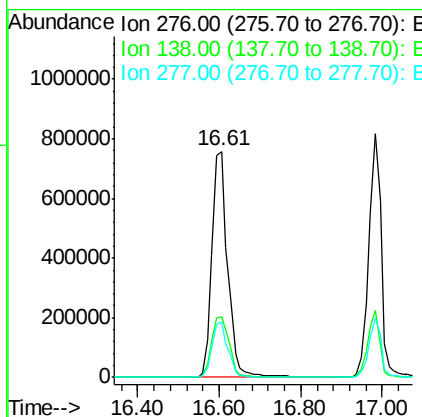
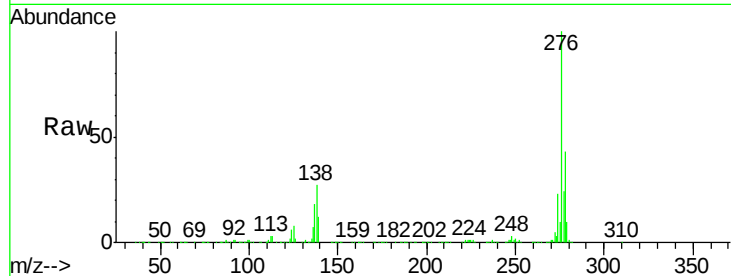


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.74 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. -0.10 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2033262

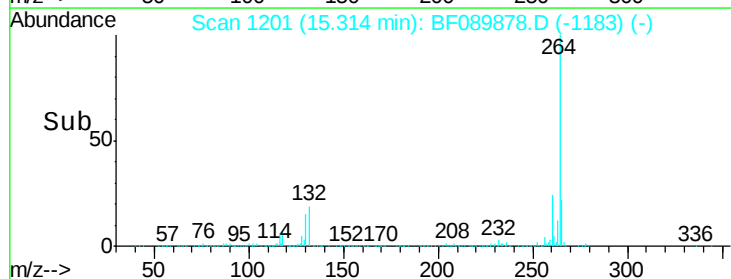
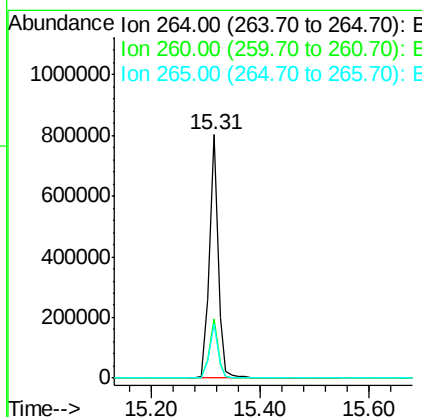
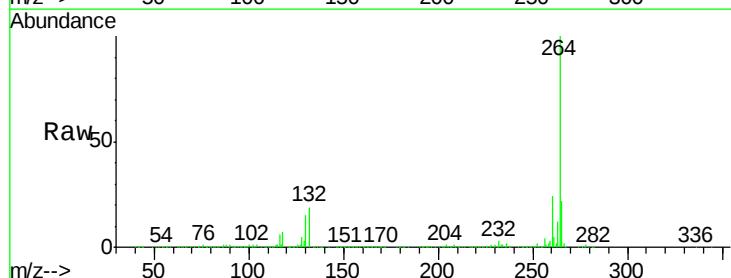
Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.6	36.8
277	25.0	20.4	30.6

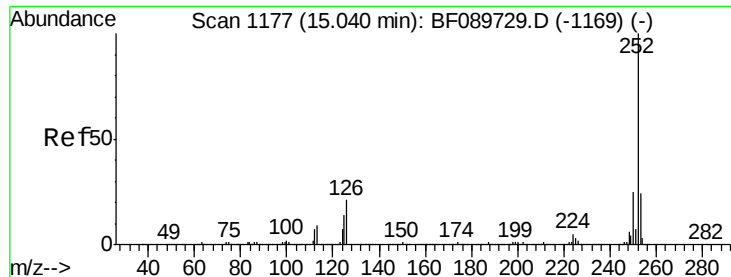


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.09 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:264 Resp: 910283

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.2	30.2
265	22.0	17.4	26.2

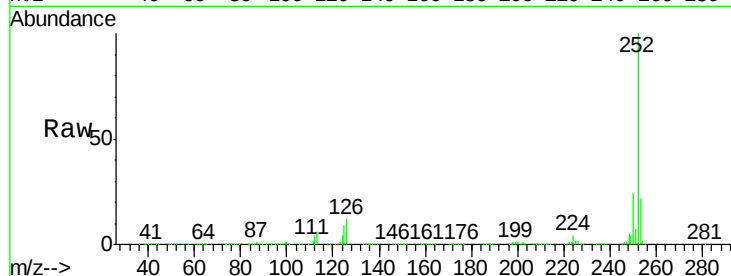




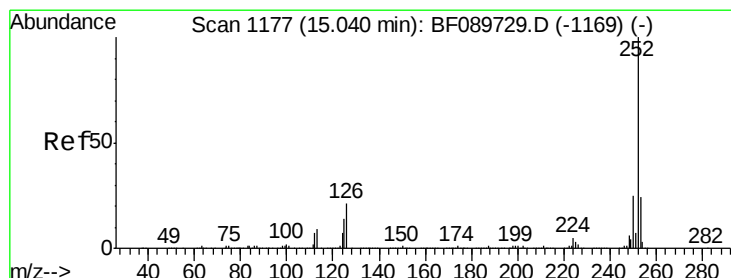
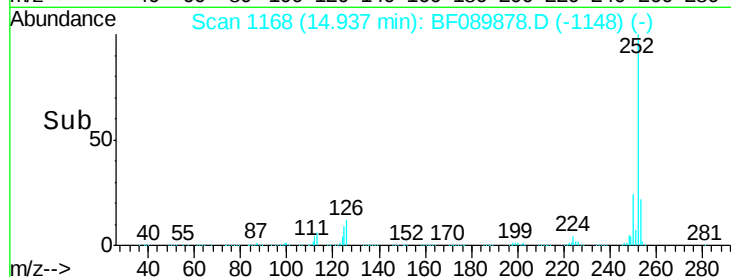
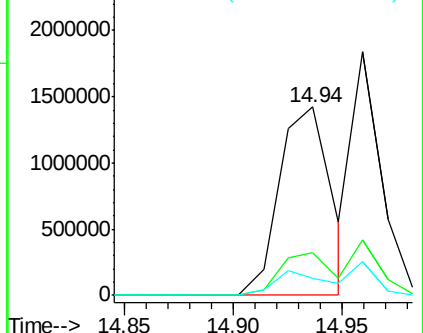
#87
Benzo(b)fluoranthene
Concen: 40.90 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2359067
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.9 11.4 17.2#

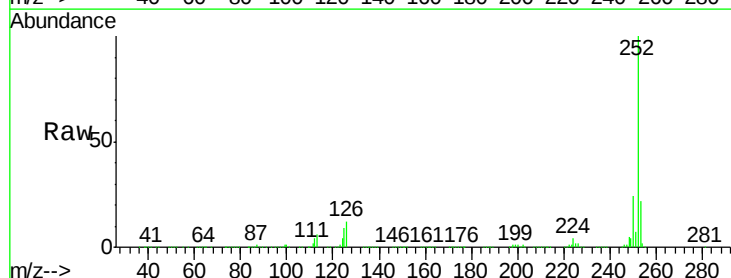


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

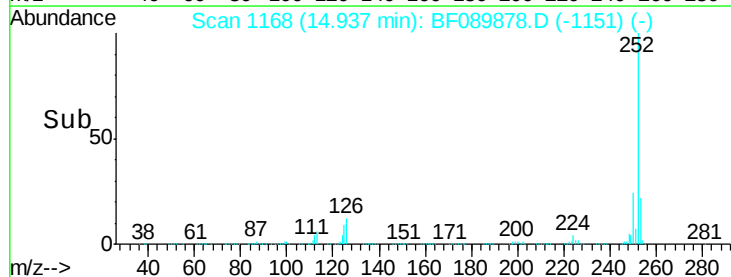
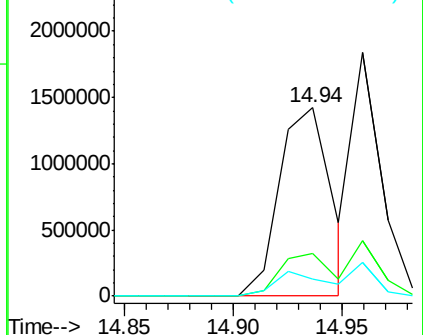


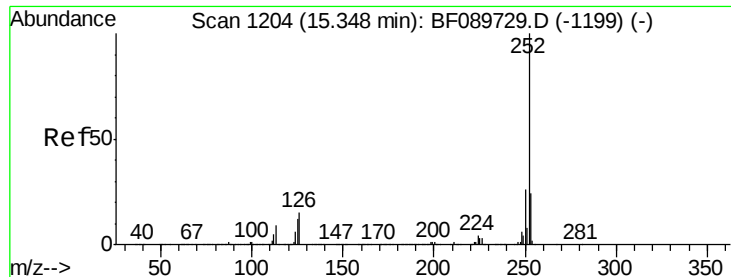
#88
Benzo(k)fluoranthene
Concen: 49.69 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.10 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:252 Resp: 2359067
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 8.9 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

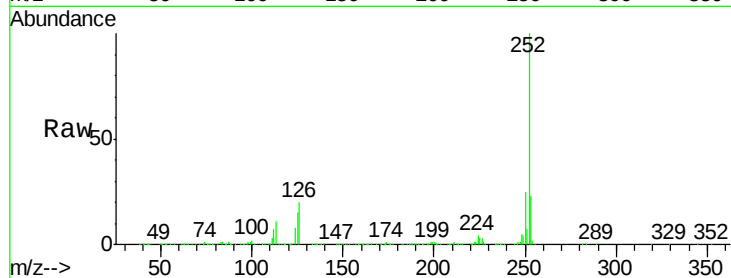




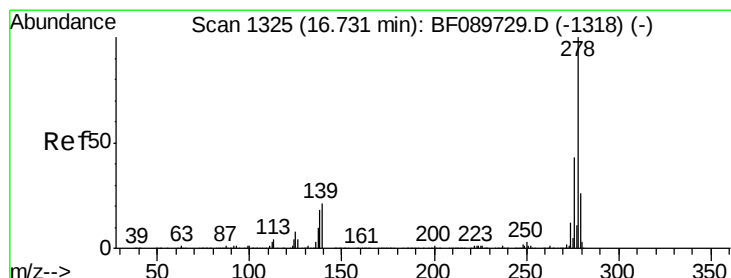
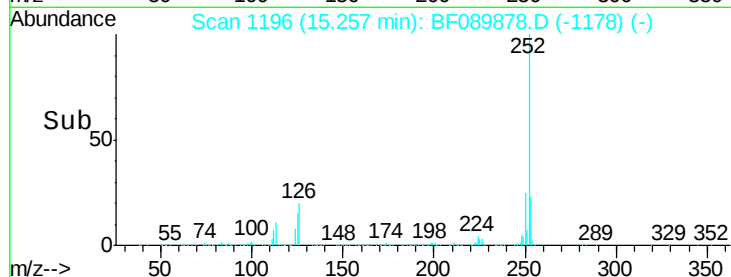
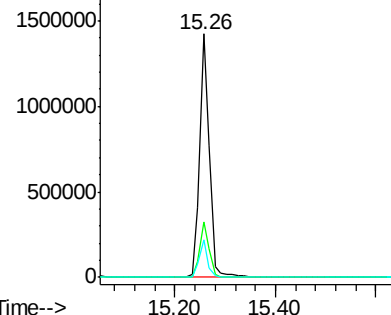
#89
Benzo(a)pyrene
Concen: 39.99 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.09 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1904059
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.2 11.7 17.5

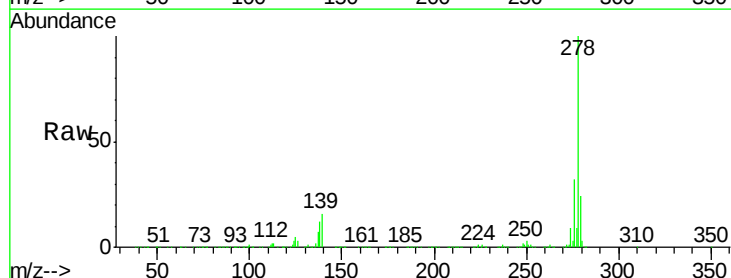


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

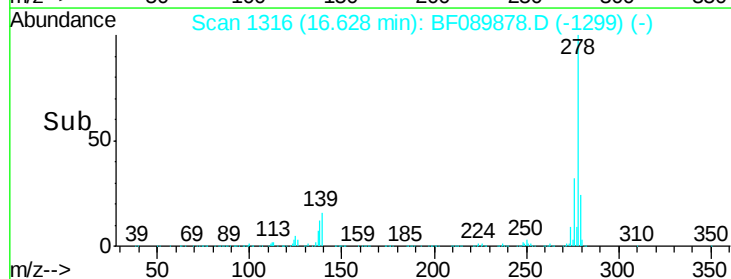
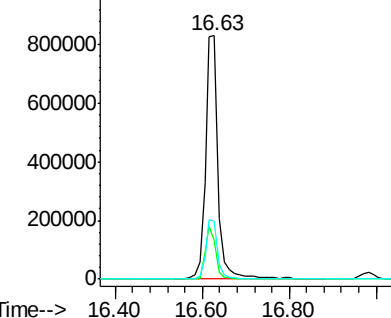


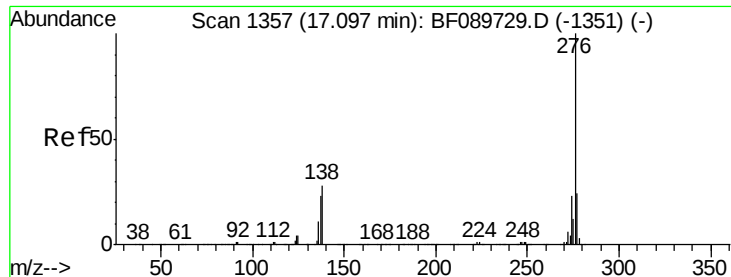
#90
Dibenzo(a,h)anthracene
Concen: 44.92 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.10 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:278 Resp: 1684446
Ion Ratio Lower Upper
278 100
139 16.0 14.9 22.3
279 23.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

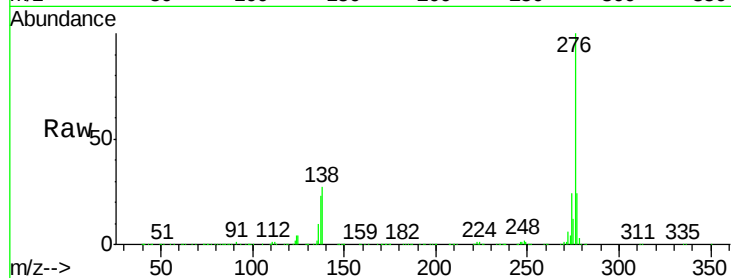




#91
 Benzo(a,h,i)perylene
 Concen: 44.96 ng
 RT: 16.98 min Scan# 1347
 Delta R.T. -0.11 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 1715911
 Ion Ratio Lower Upper
 276 100
 277 24.2 19.2 28.8
 138 27.4 22.1 33.1



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

