

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
 Data File : BF089790.D
 Acq On : 19 Aug 2016 12:08
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 19 12:52:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 11:53:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	575650	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2365779	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1101692	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1959285	20.00	ng	0.01
75) Chrysene-d12	13.89	240	1090501	20.00	ng	0.01
86) Perylene-d12	15.42	264	1054567	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	4092572	118.62	ng	0.01
7) Phenol-d6	6.33	99	4631668	105.54	ng	0.01
23) Nitrobenzene-d5	7.27	82	4291507	110.77	ng	0.01
41) 2,4,6-Tribromophenol	10.51	330	1222684	114.72	ng	0.01
44) 2-Fluorobiphenyl	9.06	172	6670563	97.16	ng	0.01
78) Terphenyl-d14	12.79	244	4911482	134.55	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.16	88	985419	55.33	ng	95
3) Pyridine	2.81	79	2627287	57.24	ng	93
4) n-Nitrosodimethylamine	2.78	42	1014364	55.06	ng	# 82
6) Aniline	6.35	93	3155215	53.49	ng	# 89
8) 2-Chlorophenol	6.47	128	2228087	54.29	ng	96
9) Benzaldehyde	6.23	77	1473373	50.66	ng	89
10) Phenol	6.34	94	2497735	45.73	ng	90
11) bis(2-Chloroethyl)ether	6.43	93	2033340	50.24	ng	99
12) 1,3-Dichlorobenzene	6.63	146	2327319	53.06	ng	96
13) 1,4-Dichlorobenzene	6.71	146	2517708	56.66	ng	96
14) 1,2-Dichlorobenzene	6.87	146	2241607	52.91	ng	97
15) Benzyl Alcohol	6.83	79	1574699	53.70	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	2725332	51.33	ng	92
17) 2-Methylphenol	6.96	107	1893636	58.08	ng	95
18) Hexachloroethane	7.20	117	886703	54.44	ng	# 82
19) n-Nitroso-di-n-propylamine	7.13	70	1597418	55.58	ng	# 84
20) 3+4-Methylphenols	7.12	107	2313360	55.40	ng	# 51
22) Acetophenone	7.11	105	2686699	48.86	ng	# 88
24) Nitrobenzene	7.28	77	2043984	46.90	ng	95
25) Isophorone	7.52	82	4226340	54.52	ng	97
26) 2-Nitrophenol	7.60	139	1279498	62.39	ng	# 89
27) 2,4-Dimethylphenol	7.64	122	2308295	59.39	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	2369109	50.29	ng	97
29) 2,4-Dichlorophenol	7.84	162	1957095	60.48	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1880350	54.13	ng	99
31) Naphthalene	8.00	128	5428695	51.12	ng	# 92
32) Benzoic acid	7.79	122	1878109	62.15	ng	98
33) 4-Chloroaniline	8.04	127	2437686	49.61	ng	# 89
34) Hexachlorobutadiene	8.12	225	1059161	58.04	ng	99
35) Caprolactam	8.44	113	538172	53.96	ng	95
36) 4-Chloro-3-methylphenol	8.54	107	1742032	49.45	ng	94
37) 2-Methylnaphthalene	8.68	142	3473262	48.05	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1933553	54.59	ng	97
40) Hexachlorocyclopentadiene	8.84	237	733815	46.49	ng	98

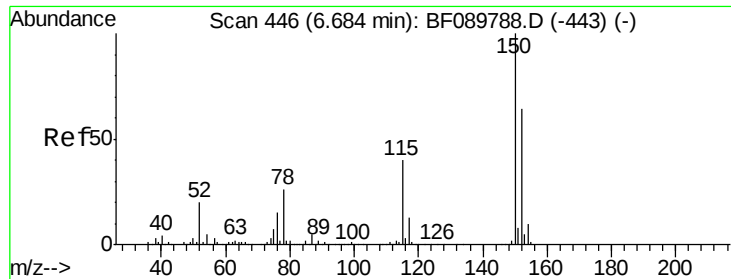
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	1301895	56.90	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	1355359	62.13	nq	99
45) 1,1'-Biphenyl	9.15	154	3967034	43.48	nq	93
46) 2-Chloronaphthalene	9.18	162	3826236	55.96	nq	96
47) 2-Nitroaniline	9.27	65	1080889	51.88	nq	92
48) Acenaphthylene	9.59	152	5555148	52.78	nq	# 92
49) Dimethylphthalate	9.46	163	3821696	47.94	nq	98
50) 2,6-Dinitrotoluene	9.52	165	1086504	60.22	nq	94
51) Acenaphthene	9.76	154	3659125	51.52	nq	97
52) 3-Nitroaniline	9.68	138	1043465	49.74	nq	98
53) 2,4-Dinitrophenol	9.78	184	561599	87.61	nq	91
54) Dibenzofuran	9.93	168	4529025	51.82	nq	99
55) 4-Nitrophenol	9.84	139	824577	51.10	nq	89
56) 2,4-Dinitrotoluene	9.92	165	1483992	63.99	nq	94
57) Fluorene	10.27	166	3763482	53.29	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	877853	51.52	nq	94
59) Diethylphthalate	10.16	149	4142321	51.25	nq	97
60) 4-Chlorophenyl-phenylether	10.27	204	1564566	45.13	nq	# 86
61) 4-Nitroaniline	10.30	138	1022075	50.18	nq	97
62) Azobenzene	10.42	77	3923832	51.38	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	621772	54.65	nq	94
65) n-Nitrosodiphenylamine	10.39	169	3073478	49.99	nq	98
66) 4-Bromophenyl-phenylether	10.75	248	1032395	50.88	nq	# 75
67) Hexachlorobenzene	10.81	284	1182492	52.42	nq	# 74
68) Atrazine	10.93	200	1155644	62.05	nq	97
69) Pentachlorophenol	11.01	266	826955	58.85	nq	98
70) Phenanthrene	11.22	178	4468077	46.40	nq	92
71) Anthracene	11.28	178	5581153	55.47	nq	96
72) Carbazole	11.43	167	4296611	45.07	nq	96
73) Di-n-butylphthalate	11.78	149	6062828	52.29	nq	# 96
74) Fluoranthene	12.40	202	4648390	48.04	nq	91
76) Benzidine	12.54	184	2154146	55.04	nq	98
77) Pyrene	12.63	202	4560176	63.90	nq	95
79) Butylbenzylphthalate	13.29	149	2423396	67.69	nq	95
80) Benzo(a)anthracene	13.87	228	3677522	58.04	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	1169312	50.65	nq	98
82) Chrysene	13.91	228	2569149	45.06	nq	98
83) Bis(2-ethylhexyl)phthalate	13.90	149	3099820	65.43	nq	# 99
84) Di-n-octyl phthalate	14.59	149	4442458	60.33	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.72	276	4253142	87.55	nq	99
87) Benzo(b)fluoranthene	15.02	252	3159767	47.29	nq	96
88) Benzo(k)fluoranthene	15.02	252	3159767	57.45	nq	99
89) Benzo(a)pyrene	15.36	252	3078834	55.81	nq	98
90) Dibenzo(a,h)anthracene	16.74	278	3477220	80.05	nq	97
91) Benzo(g,h,i)perylene	17.11	276	3687069	83.40	nq	99

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

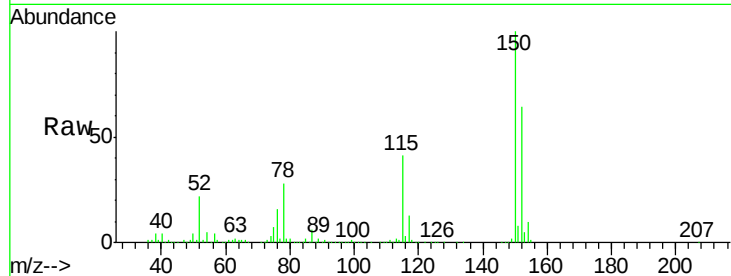


#1

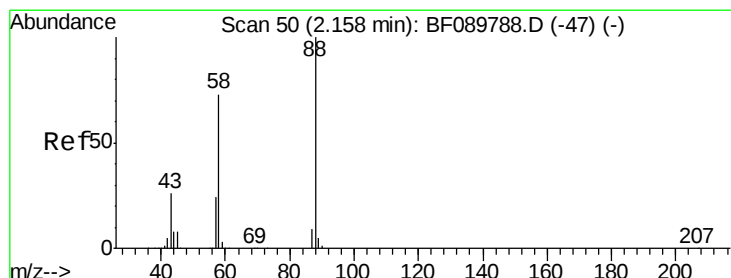
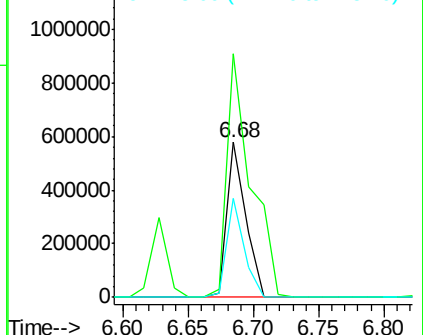
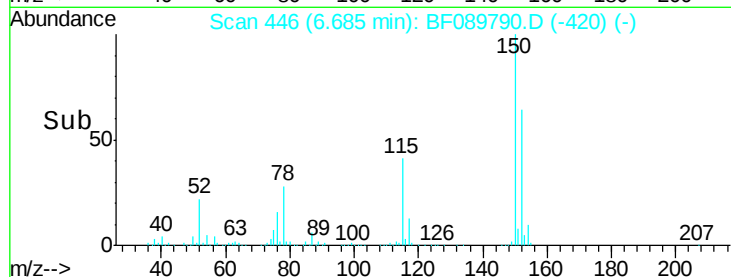
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 575650
Ion Ratio Lower Upper
152 100
150 157.4 125.3 187.9
115 64.0 40.9 61.3#



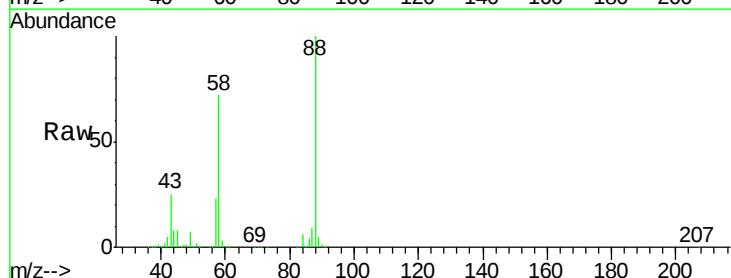
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



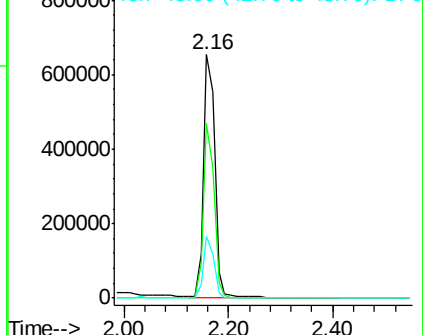
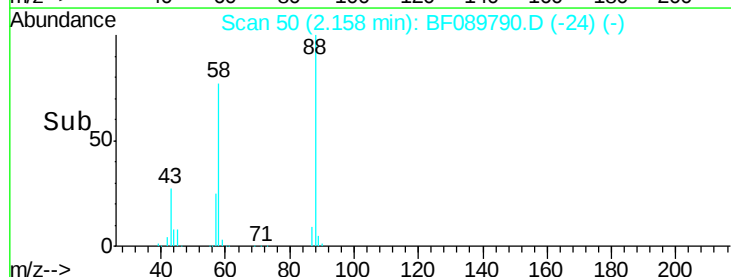
#2

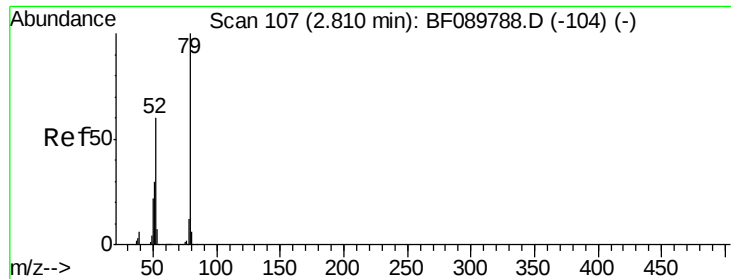
1,4-Dioxane
Concen: 55.33 ng
RT: 2.16 min Scan# 50
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion: 88 Resp: 985419
Ion Ratio Lower Upper
88 100
58 67.7 57.0 85.4
43 23.9 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: 57.24 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

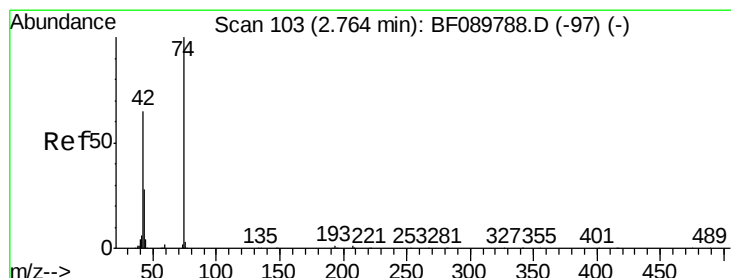
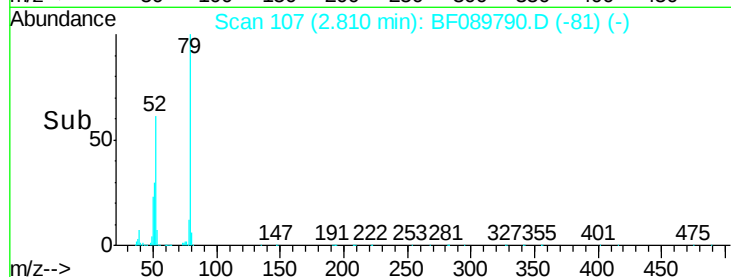
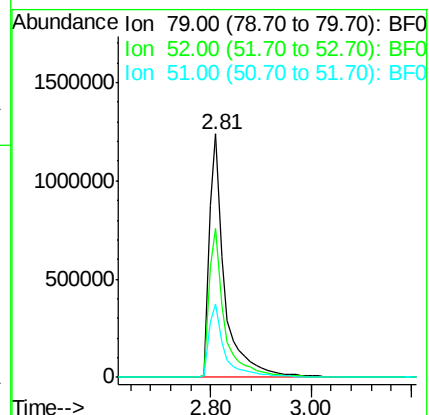
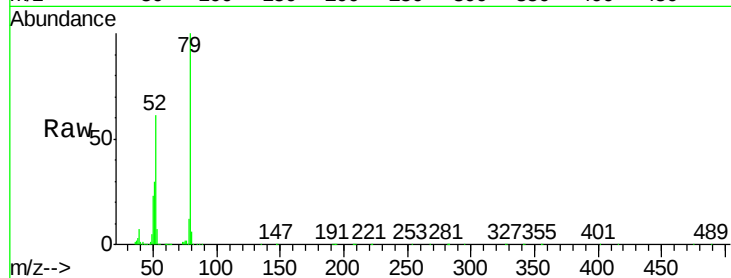
Tot Ion: 79 Resp: 2627287

Ion Ratio Lower Upper

79 100

52 61.1 53.6 80.4

51 30.0 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 55.06 ng

RT: 2.78 min Scan# 104

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

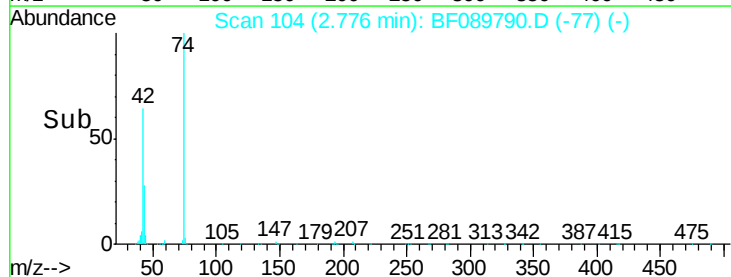
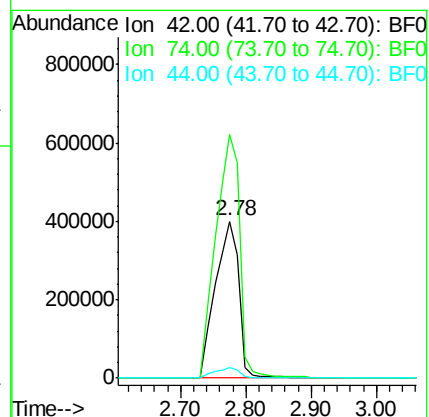
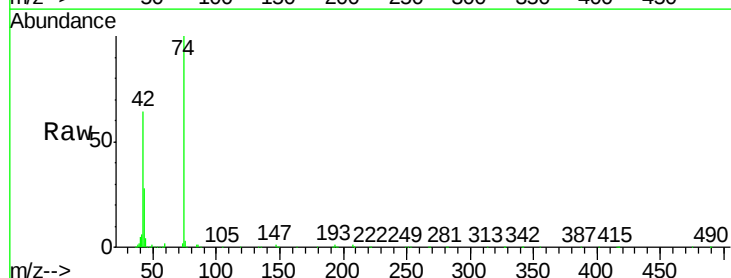
Tgt Ion: 42 Resp: 1014364

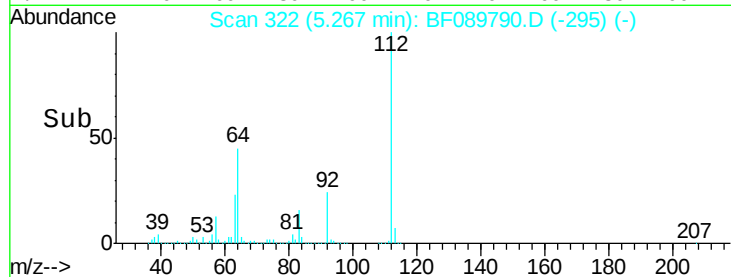
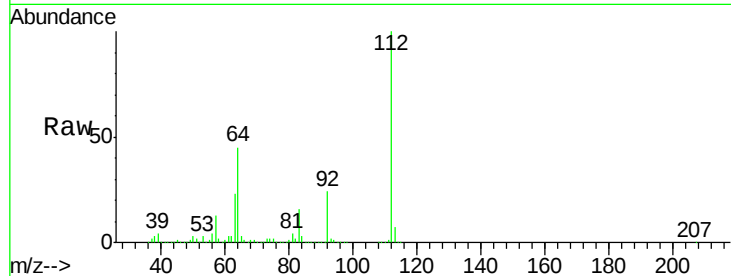
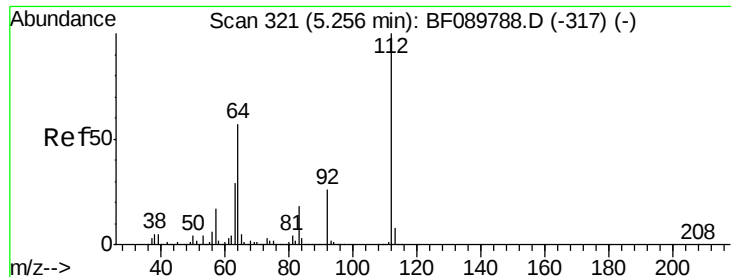
Ion Ratio Lower Upper

42 100

74 155.1 106.2 159.2

44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 118.62 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

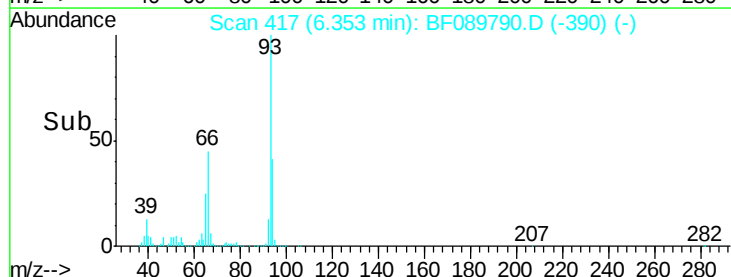
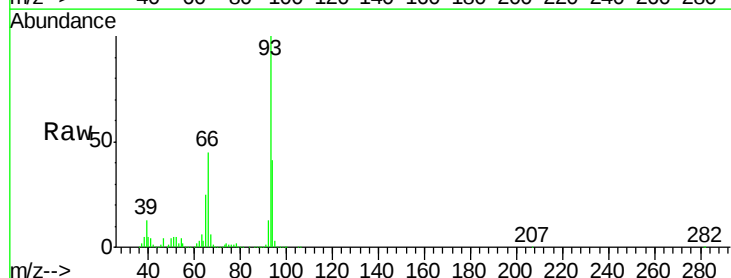
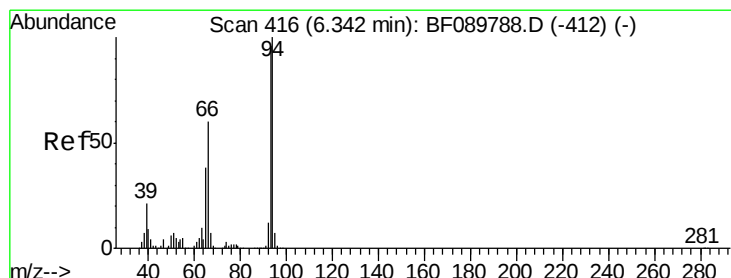
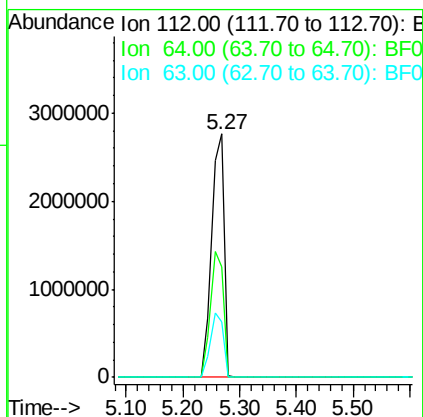
Tot Ion:112 Resp: 4092572

Ion Ratio Lower Upper

112 100

64 45.3 45.0 67.4

63 22.9 23.1 34.7#



#6

Aniline

Concen: 53.49 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

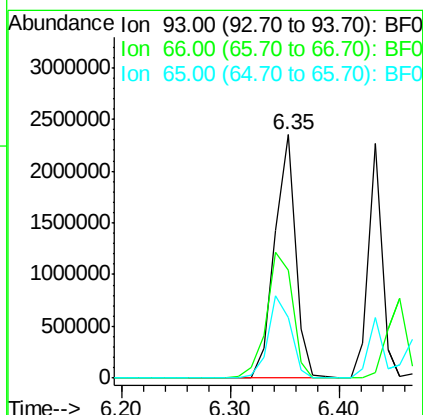
Tgt Ion: 93 Resp: 3155215

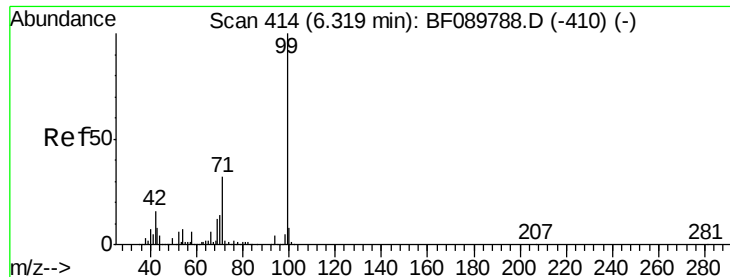
Ion Ratio Lower Upper

93 100

66 44.6 30.6 46.0

65 24.9 15.4 23.2#





#7

Phenol-d6

Concen: 105.54 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

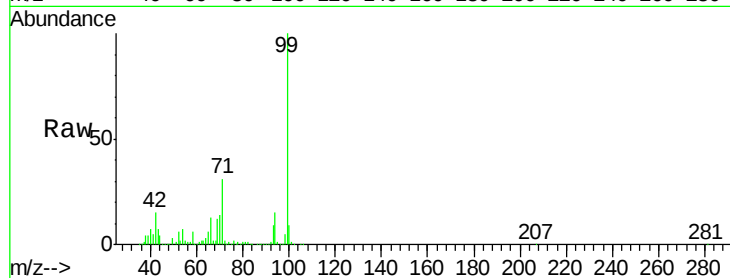
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 4631668

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.4
71	30.8	23.8	35.8

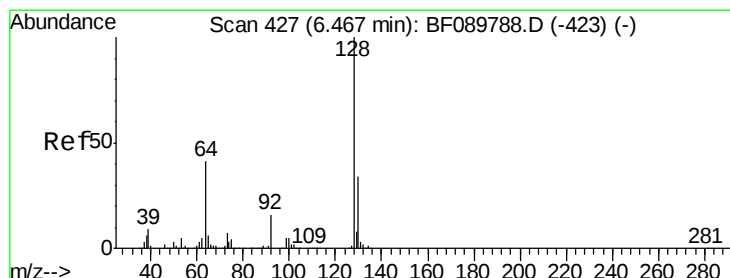
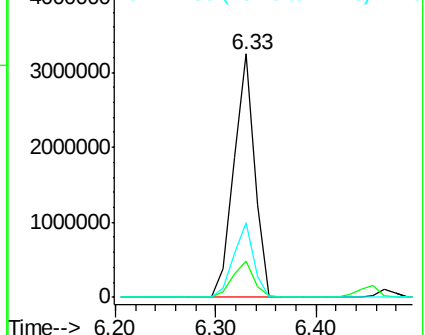
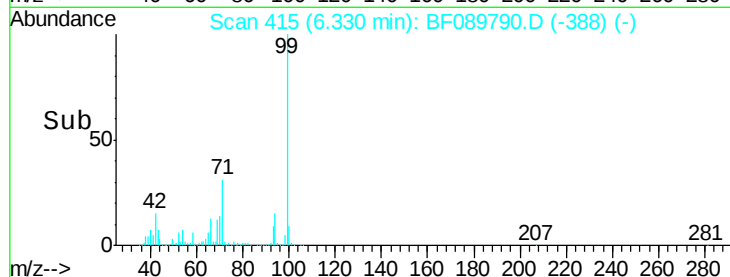


Abundance

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: 54.29 ng

RT: 6.47 min Scan# 427

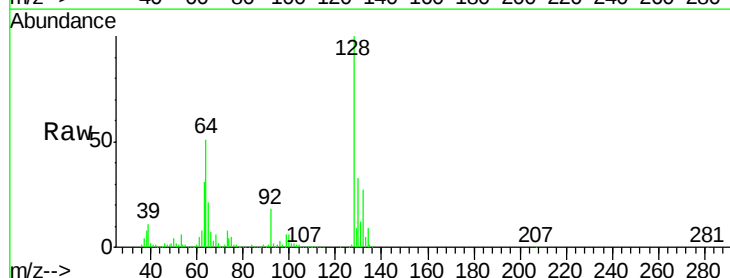
Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion: 128 Resp: 2228087

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.0	52.0
64	51.2	35.1	75.1

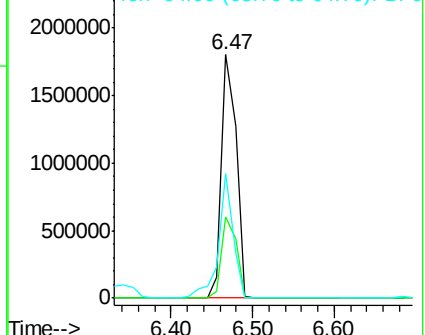
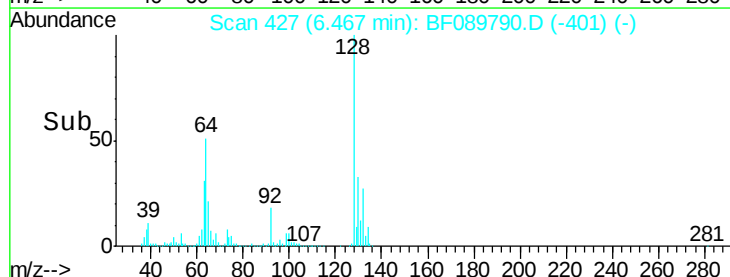


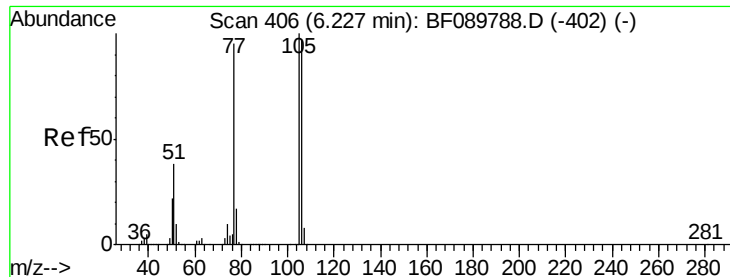
Abundance

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: 50.66 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

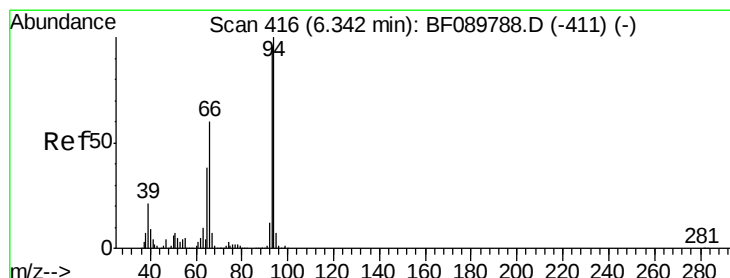
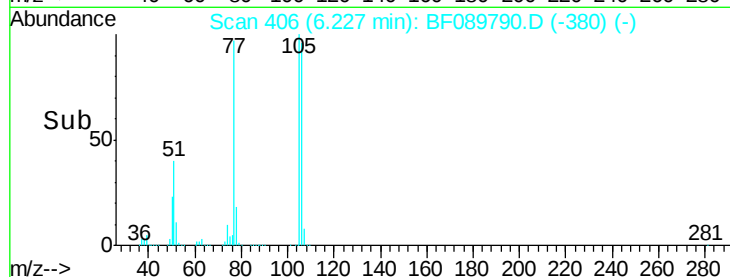
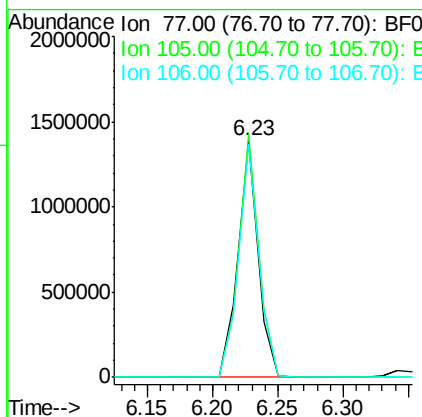
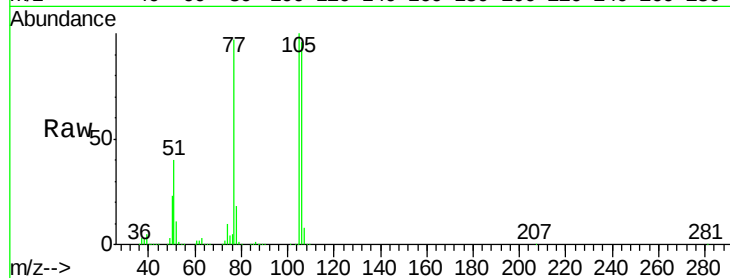
Tot Ion: 77 Resp: 1473373

Ion Ratio Lower Upper

77 100

105 103.1 73.3 113.3

106 98.7 68.6 108.6



#10

Phenol

Concen: 45.73 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

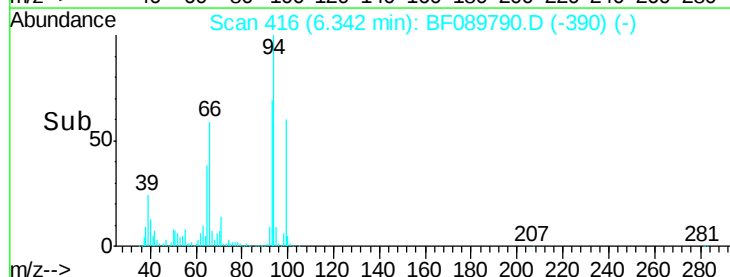
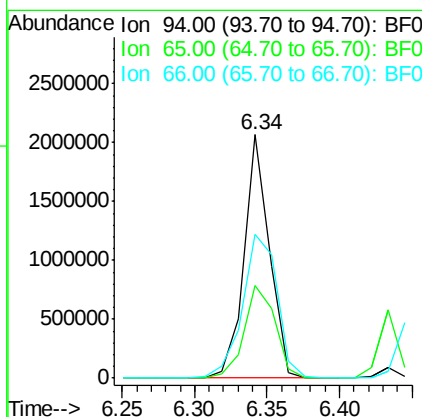
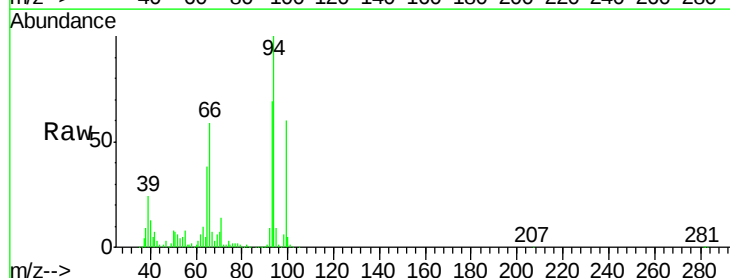
Tgt Ion: 94 Resp: 2497735

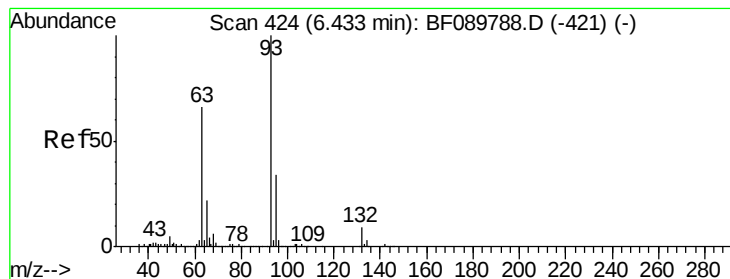
Ion Ratio Lower Upper

94 100

65 38.2 14.0 54.0

66 58.9 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 50.24 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

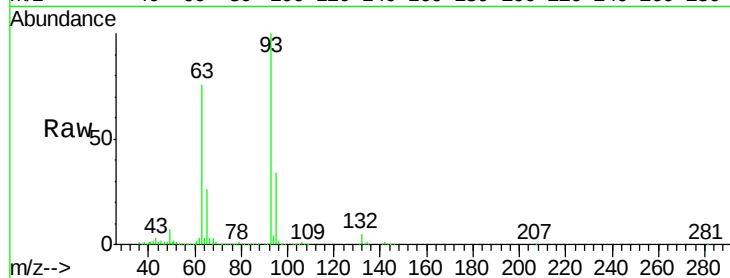
Tot Ion: 93 Resp: 2033340

Ion Ratio Lower Upper

93 100

63 76.2 55.8 95.8

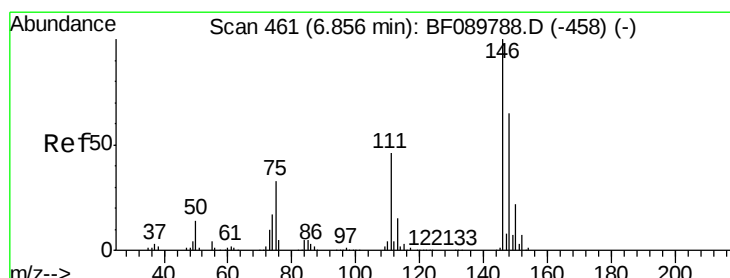
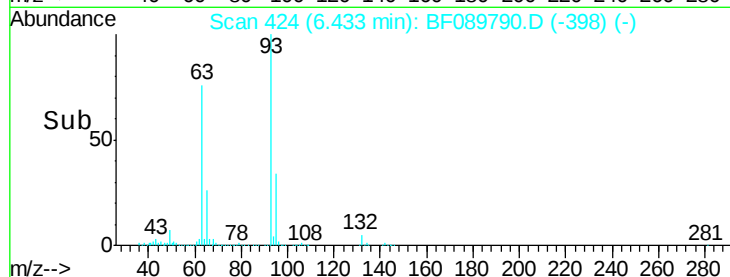
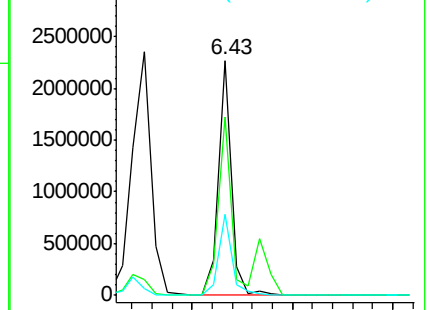
95 34.4 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 53.06 ng

RT: 6.63 min Scan# 441

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

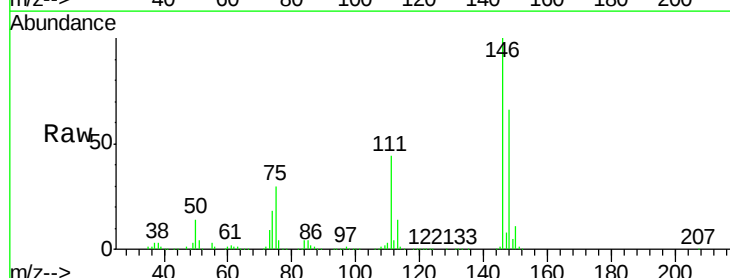
Tgt Ion: 146 Resp: 2327319

Ion Ratio Lower Upper

146 100

148 65.7 51.0 76.4

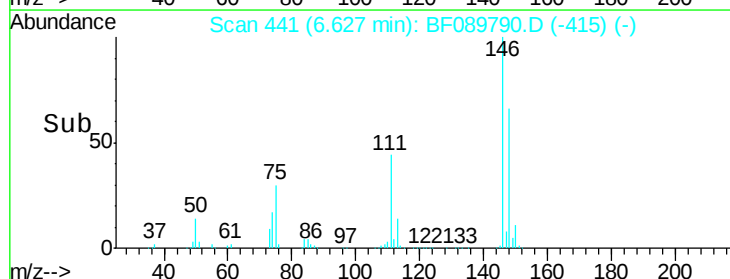
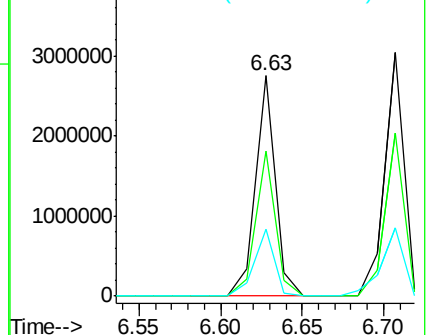
75 30.3 27.0 40.6

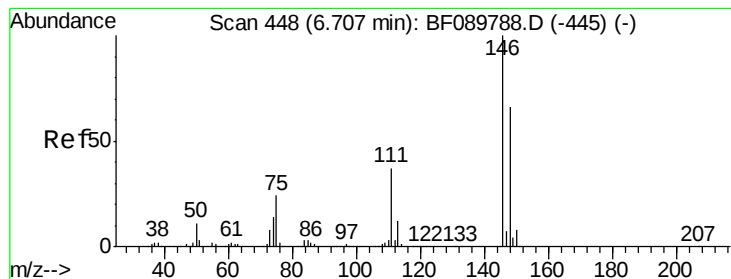


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 56.66 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

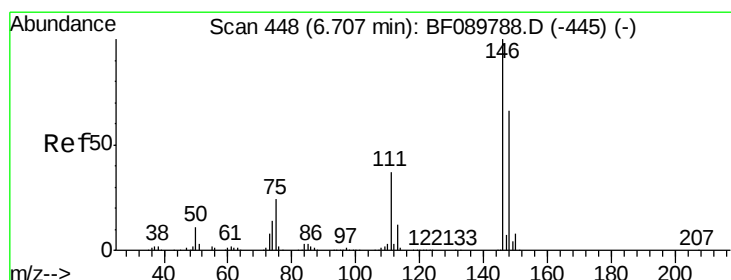
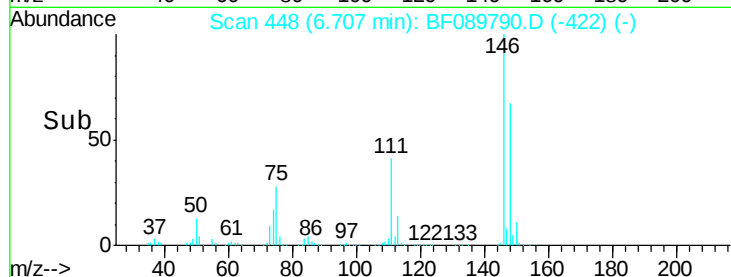
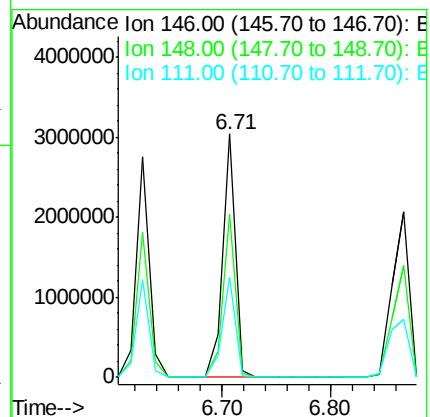
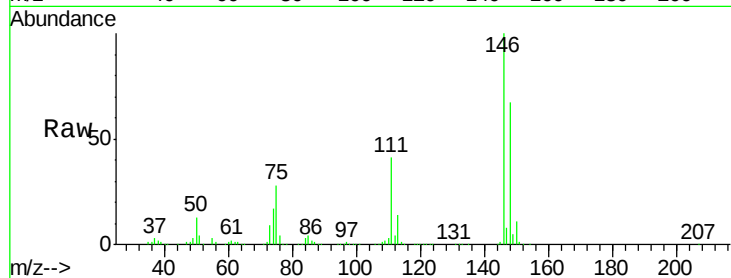
Tot Ion:146 Resp: 2517708

Ion Ratio Lower Upper

146 100

148 66.7 51.0 76.6

111 41.3 34.6 52.0



#14

1,2-Dichlorobenzene

Concen: 52.91 ng

RT: 6.87 min Scan# 462

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

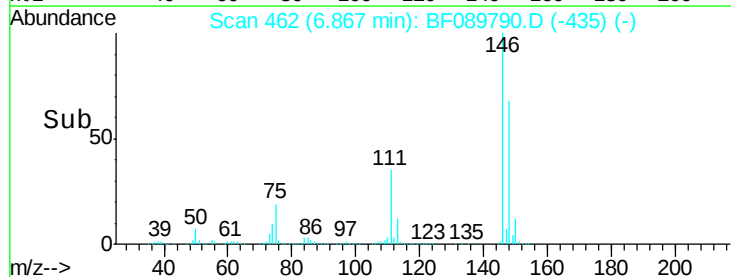
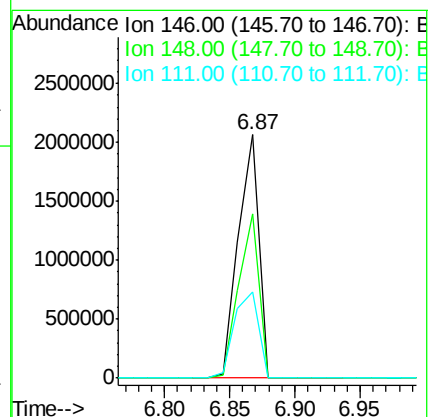
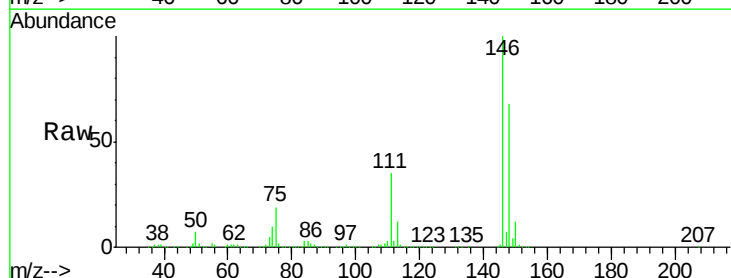
Tgt Ion:146 Resp: 2241607

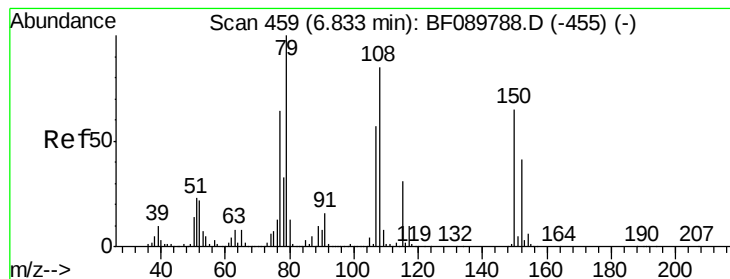
Ion Ratio Lower Upper

146 100

148 67.5 52.2 78.2

111 35.2 29.8 44.6





#15

Benzyl Alcohol

Concen: 53.70 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampled :

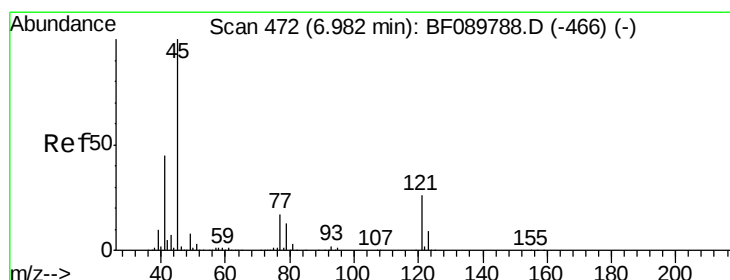
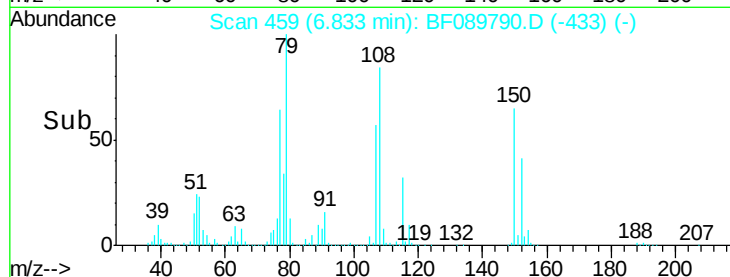
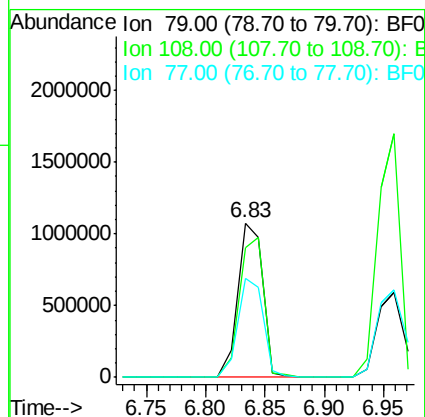
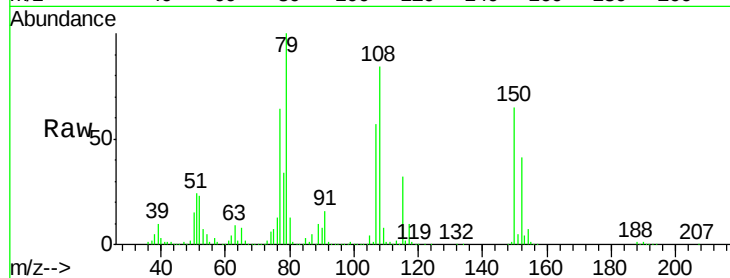
Tot Ion: 79 Resp: 1574699

Ion Ratio Lower Upper

79 100

108 84.0 62.5 93.7

77 64.0 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.33 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

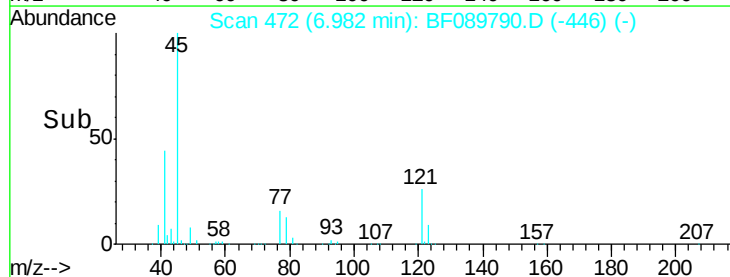
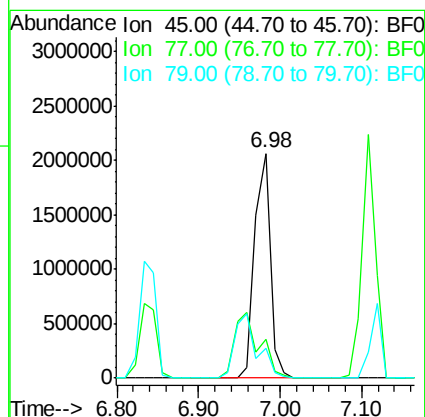
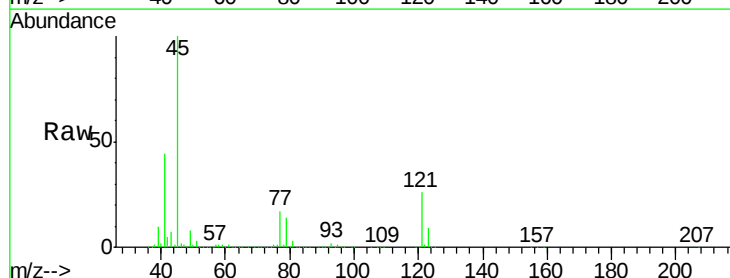
Tgt Ion: 45 Resp: 2725332

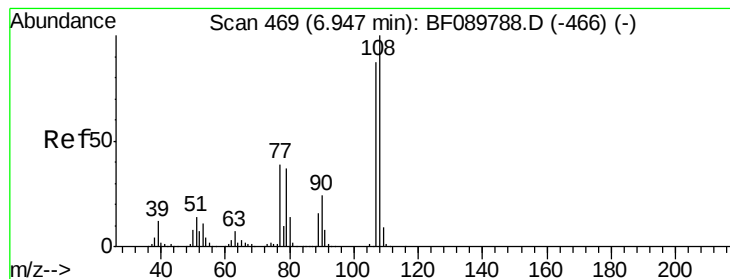
Ion Ratio Lower Upper

45 100

77 17.1 0.0 33.5

79 13.5 0.0 30.7

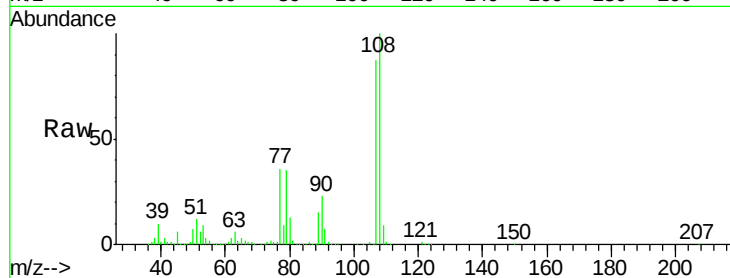




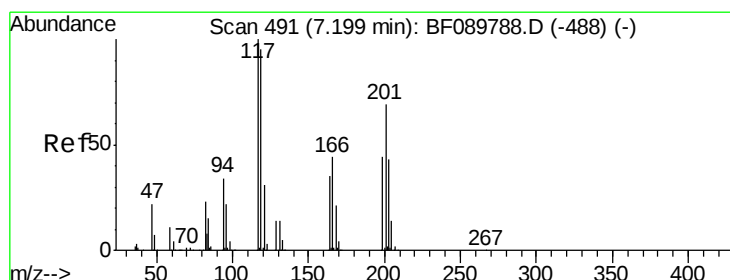
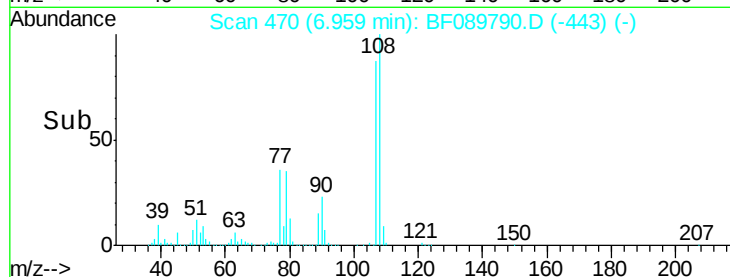
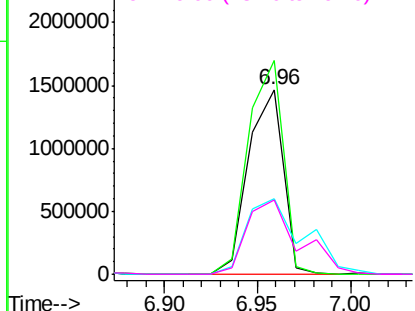
#17
2-Methylphenol
Concen: 58.08 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1893636
Ion Ratio Lower Upper
107 100
108 115.6 91.0 136.4
77 41.2 37.4 56.0
79 40.2 36.6 55.0

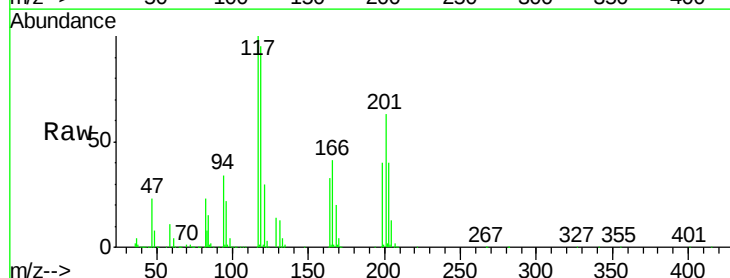


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

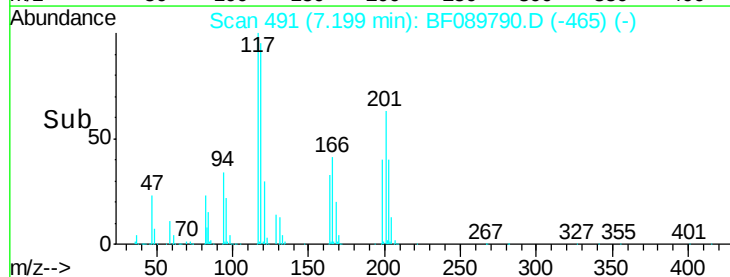
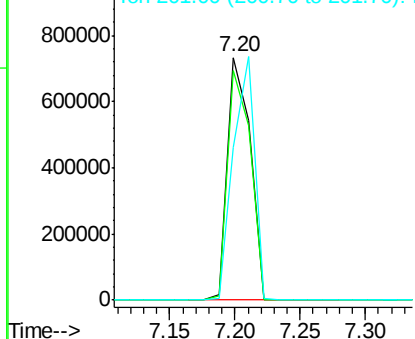


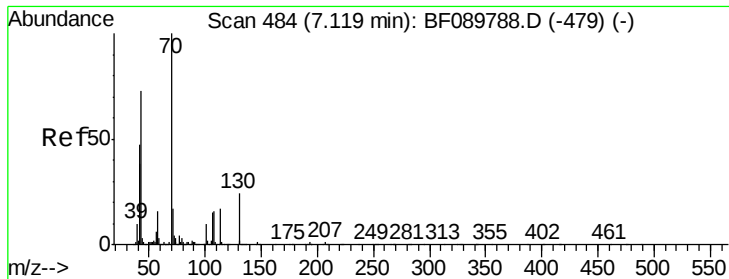
#18
Hexachloroethane
Concen: 54.44 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:117 Resp: 886703
Ion Ratio Lower Upper
117 100
119 94.8 77.1 115.7
201 63.2 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

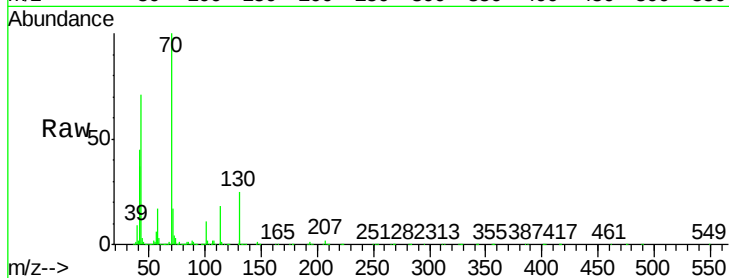




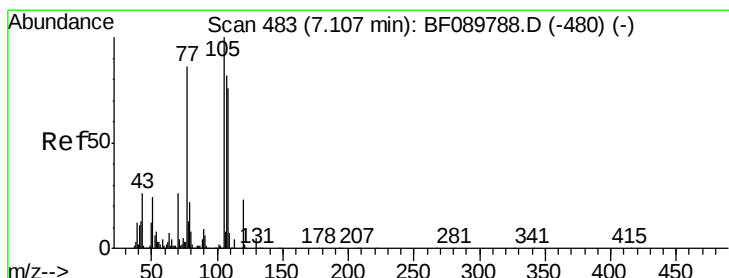
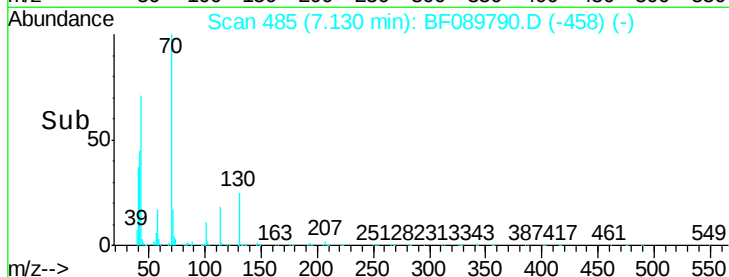
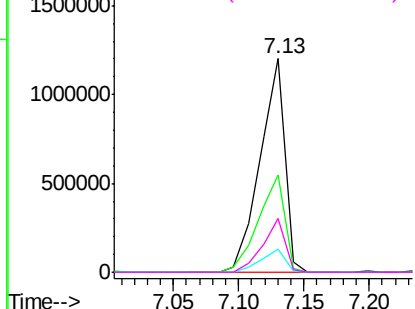
#19
n-Nitroso-di-n-propylamine
Concen: 55.58 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 1597418
Ion Ratio Lower Upper
70 100
42 45.3 46.3 69.5#
101 10.6 7.0 10.6#
130 25.0 14.4 21.6#

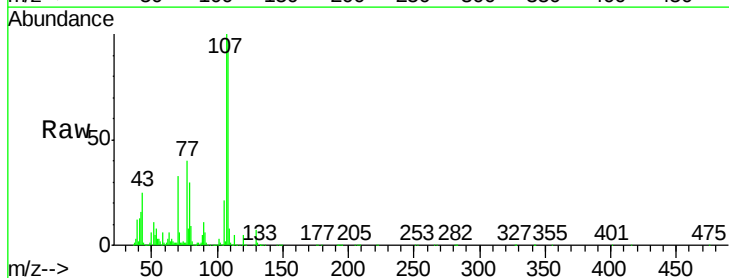


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

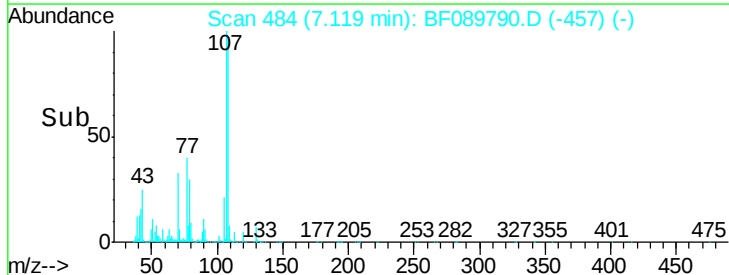
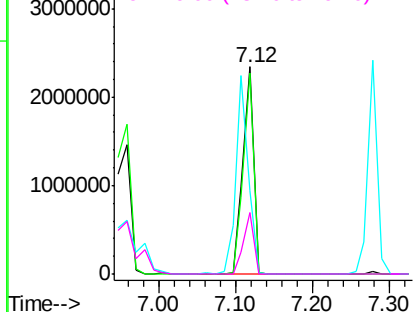


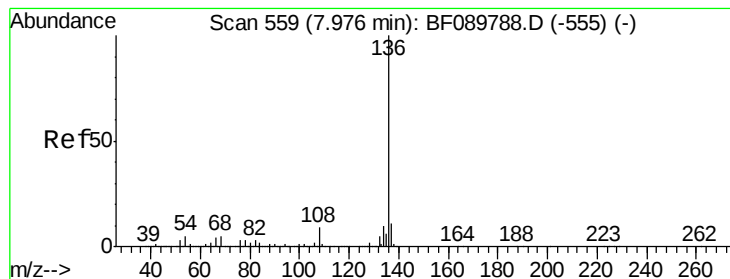
#20
3+4-Methylphenols
Concen: 55.40 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:107 Resp: 2313360
Ion Ratio Lower Upper
107 100
108 97.0 68.2 108.2
77 40.2 122.3 162.3#
79 29.6 8.2 48.2



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

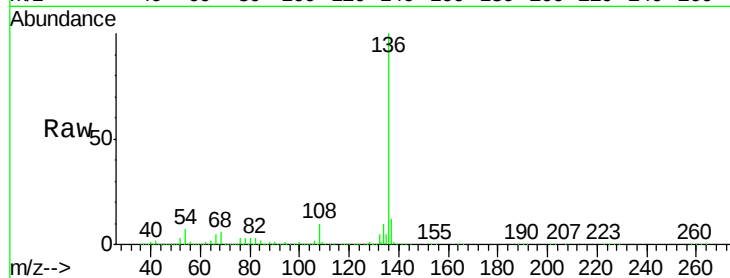
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2365779

Ion Ratio Lower Upper

136	100		
137	11.7	9.2	13.8
54	6.6	7.2	10.8#
68	5.9	5.8	8.8



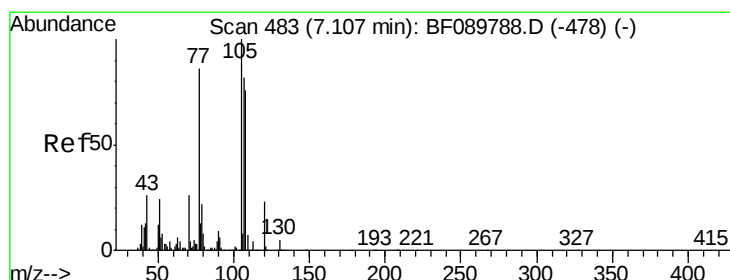
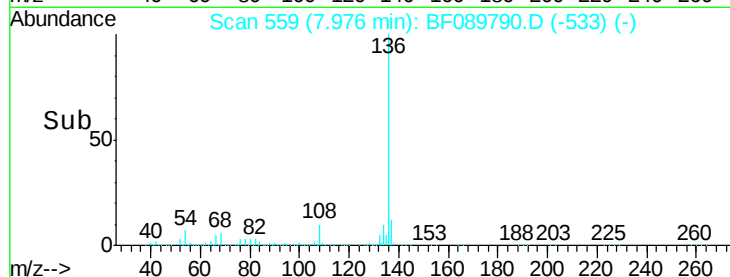
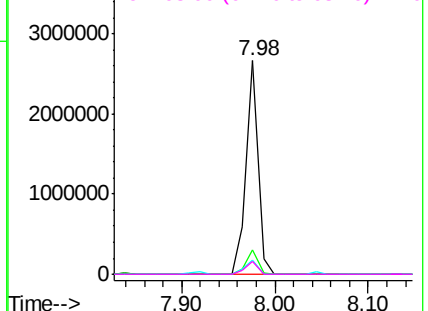
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 48.86 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

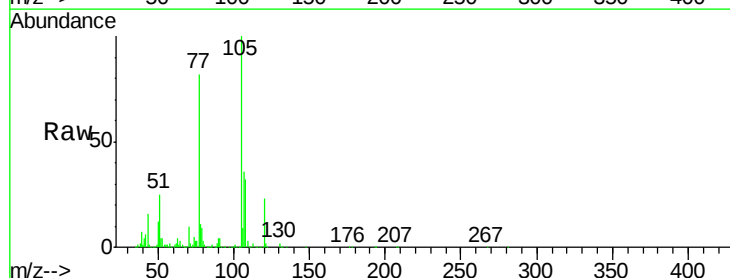
Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion:105 Resp: 2686699

Ion Ratio Lower Upper

105	100		
71	1.8	1.9	2.9#
51	25.4	28.5	42.7#
120	23.1	16.6	25.0



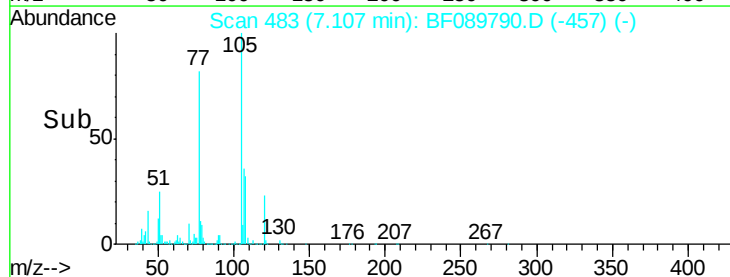
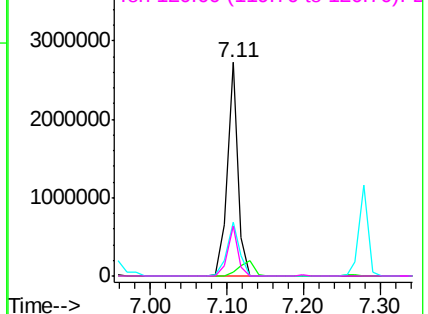
Abundance

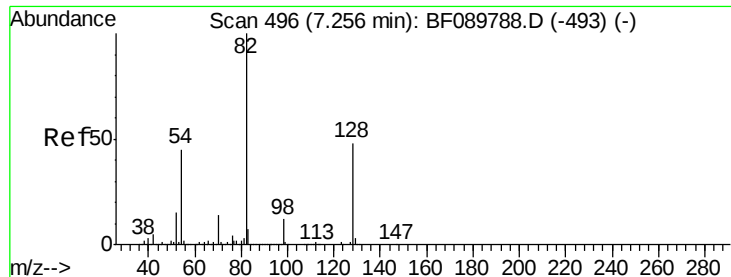
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

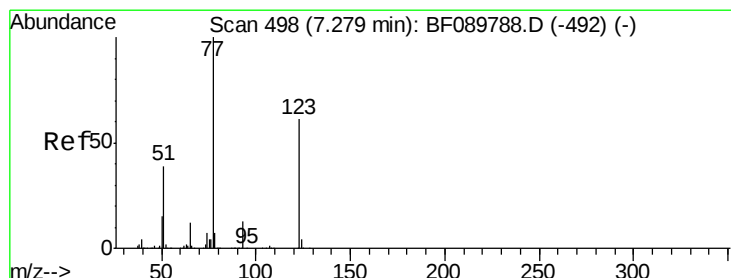
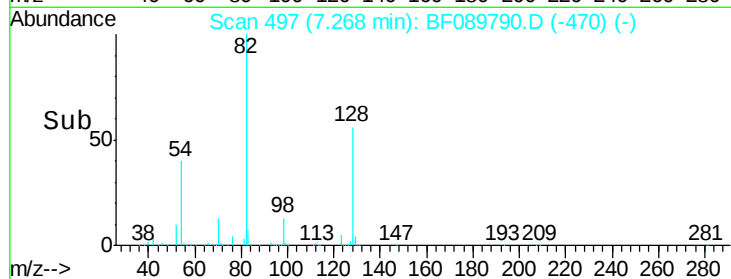
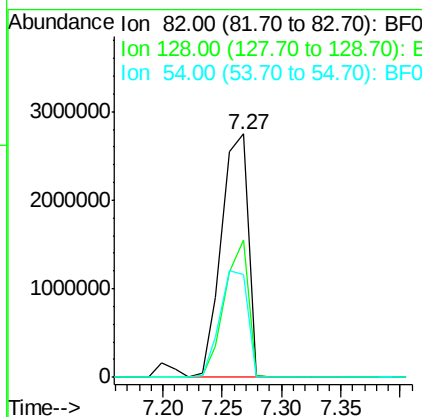
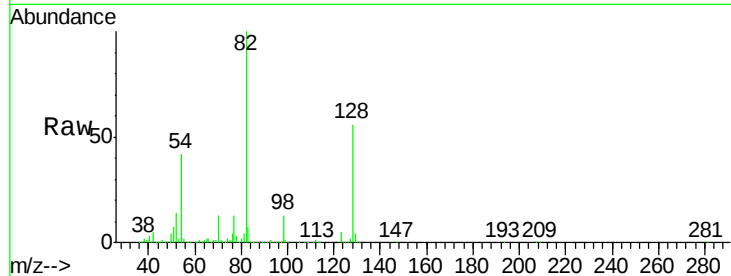




#23
 Nitrobenzene-d5
 Concen: 110.77 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

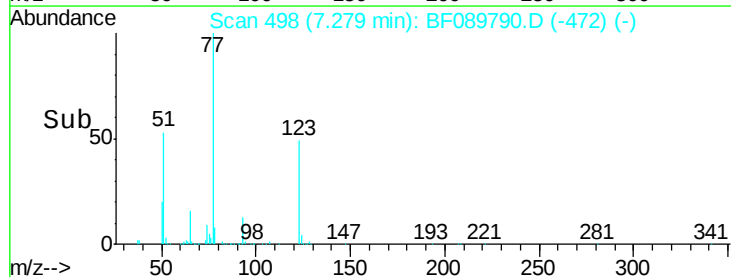
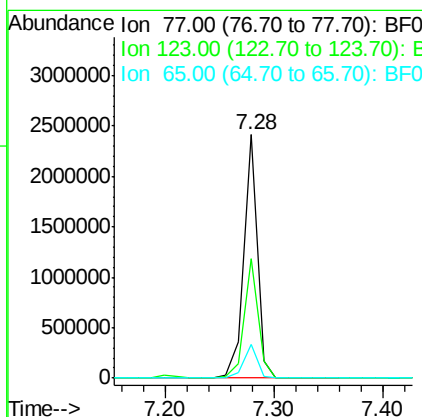
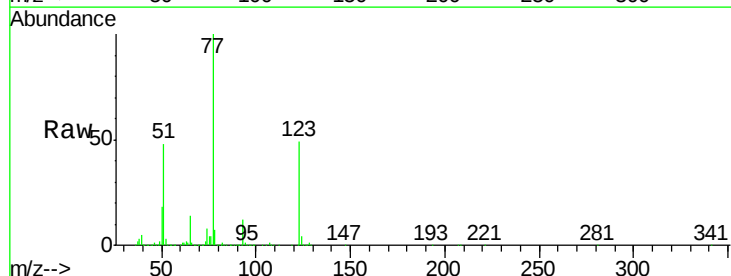
Instrument :
 BNA_F
 ClientSampleId :

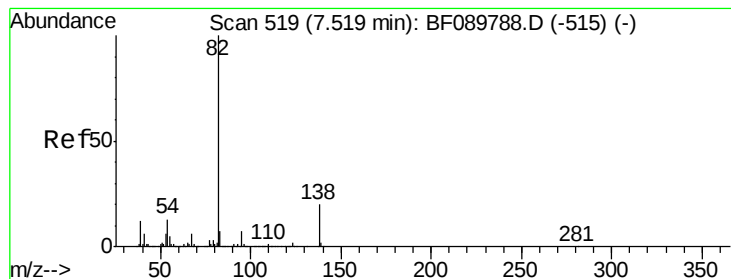
Tot Ion: 82 Resp: 4291507
 Ion Ratio Lower Upper
 82 100
 128 56.3 34.4 51.6#
 54 42.0 40.3 60.5



#24
 Nitrobenzene
 Concen: 46.90 ng
 RT: 7.28 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion: 77 Resp: 2043984
 Ion Ratio Lower Upper
 77 100
 123 49.2 36.2 54.2
 65 14.0 10.6 15.8





#25

Isophorone

Concen: 54.52 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

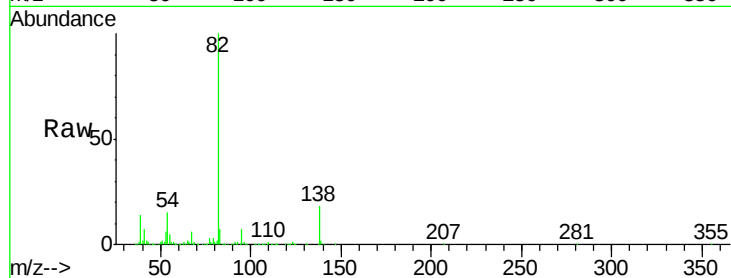
Tot Ion: 82 Resp: 4226340

Ion Ratio Lower Upper

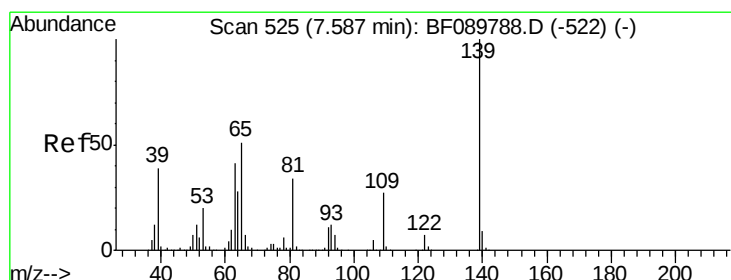
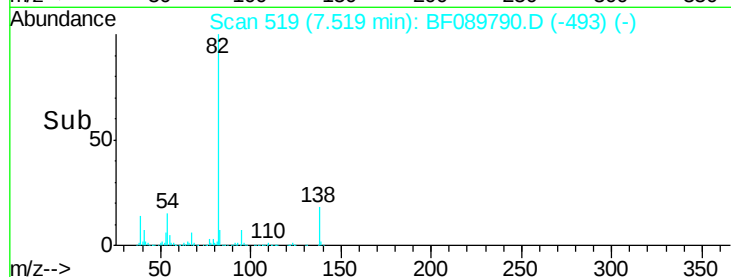
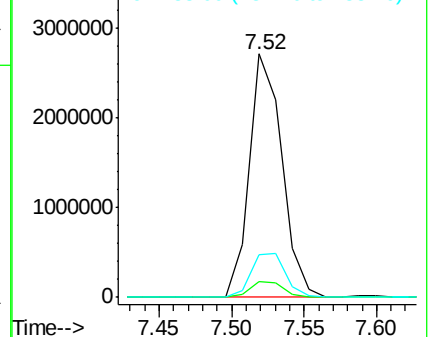
82 100

95 6.7 5.3 7.9

138 17.7 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: 62.39 ng

RT: 7.60 min Scan# 526

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

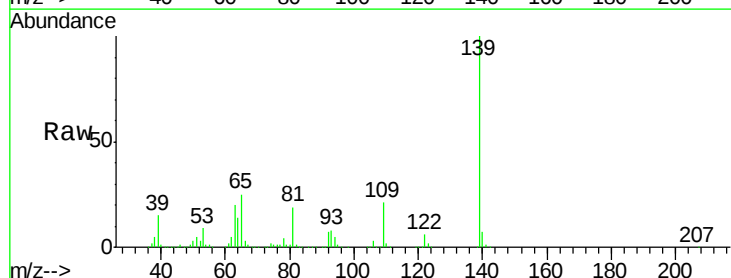
Tgt Ion:139 Resp: 1279498

Ion Ratio Lower Upper

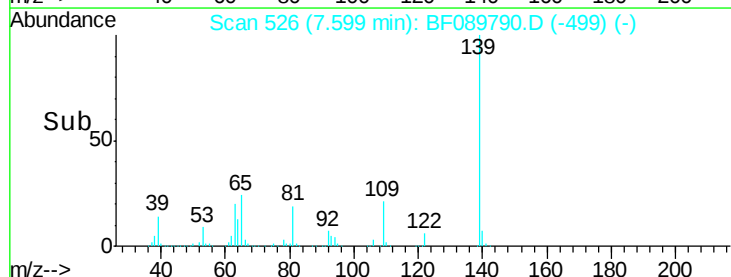
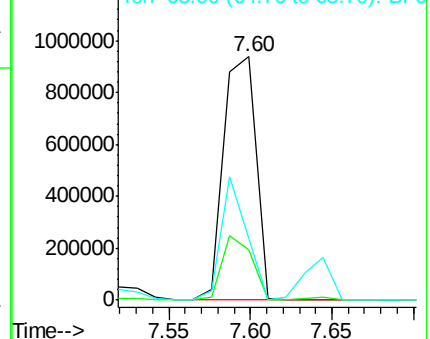
139 100

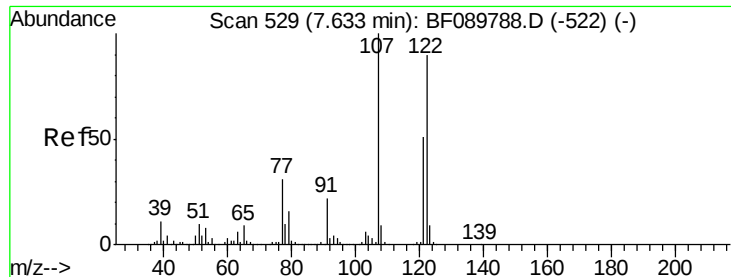
109 20.7 19.5 29.3

65 25.5 26.5 39.7#



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





#27

2,4-Dimethylphenol

Concen: 59.39 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

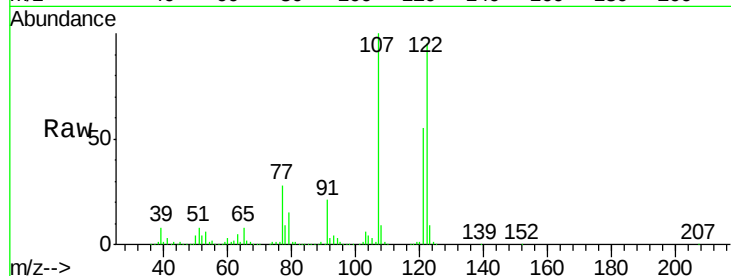
Tot Ion:122 Resp: 2308295

Ion Ratio Lower Upper

122 100

107 105.1 84.8 127.2

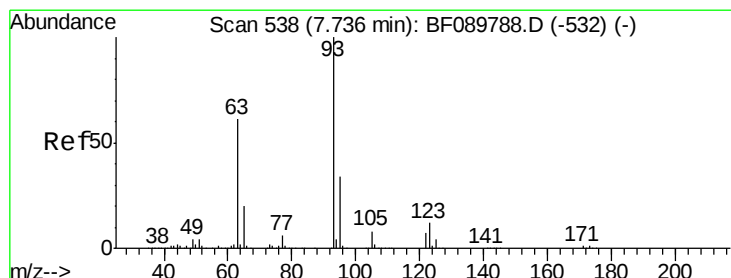
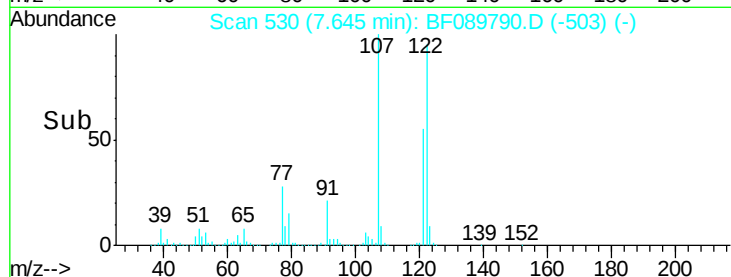
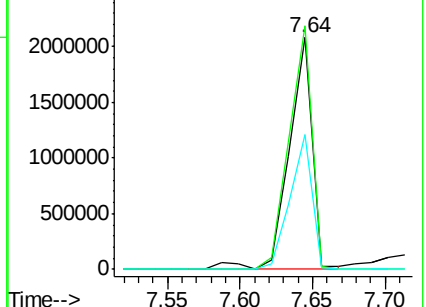
121 58.2 47.0 70.6



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: 50.29 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

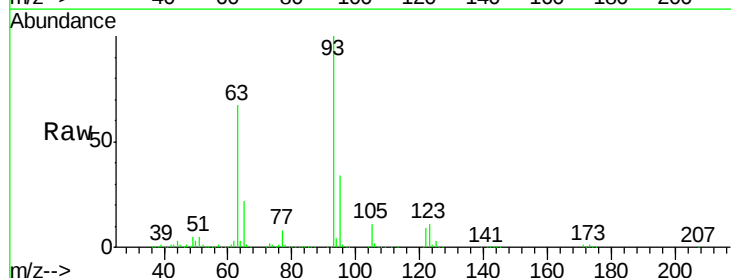
Tgt Ion: 93 Resp: 2369109

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

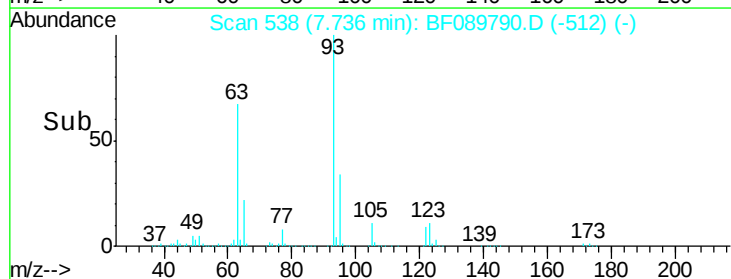
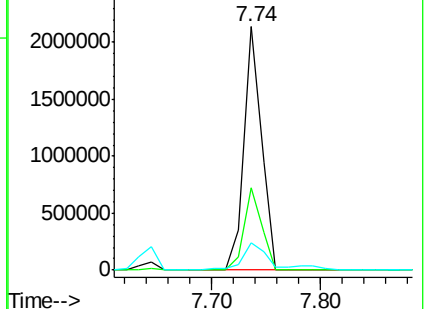
123 11.5 8.5 12.7

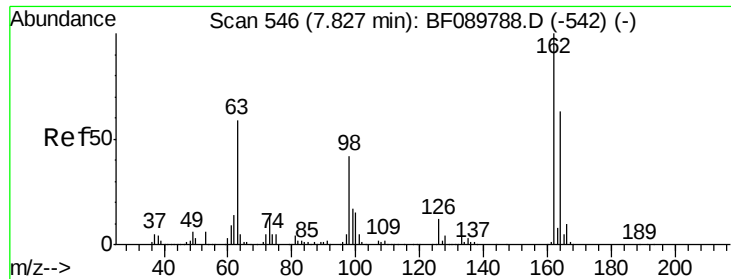


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

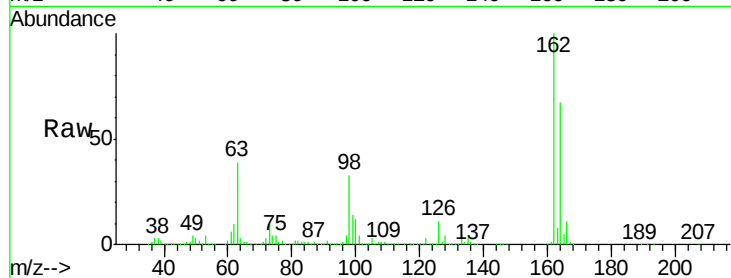




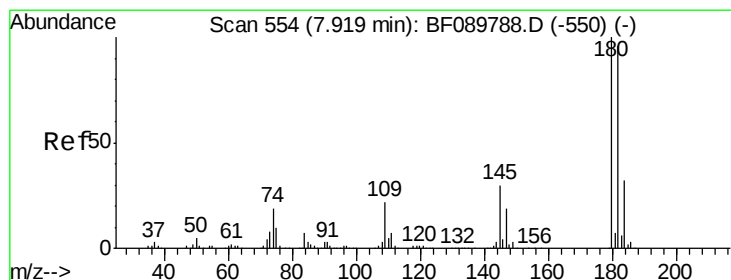
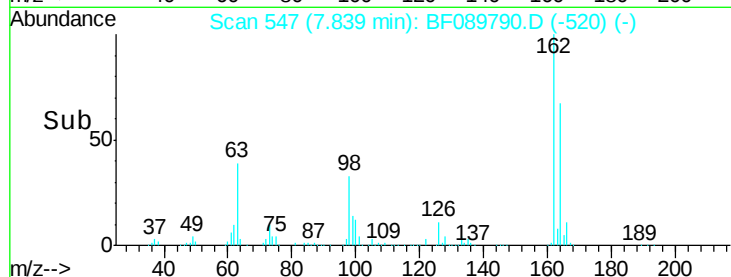
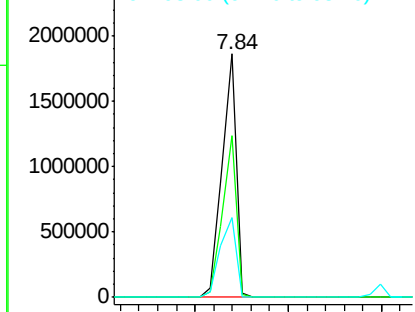
#29
2,4-Dichlorophenol
Concen: 60.48 ng
RT: 7.84 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1957095
Ion Ratio Lower Upper
162 100
164 66.5 45.5 85.5
98 32.9 12.4 52.4

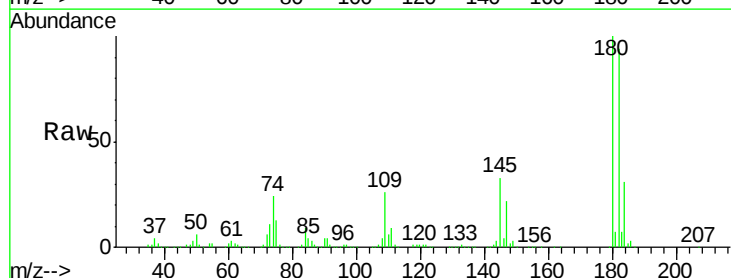


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

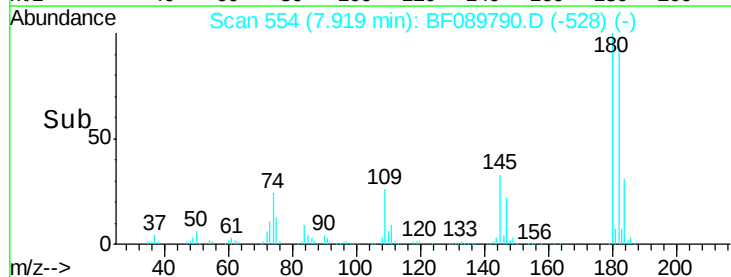
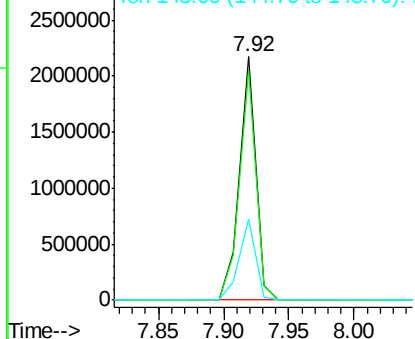


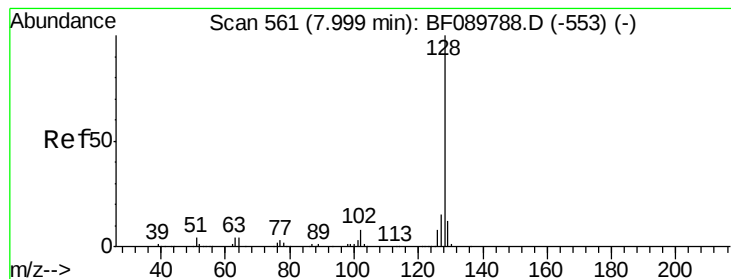
#30
1,2,4-Trichlorobenzene
Concen: 54.13 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:180 Resp: 1880350
Ion Ratio Lower Upper
180 100
182 94.2 75.5 113.3
145 33.5 28.7 43.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 51.12 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

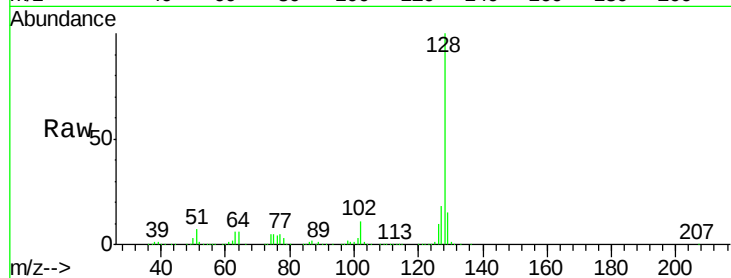
Tot Ion:128 Resp: 5428695

Ion Ratio Lower Upper

128 100

129 14.7 9.5 14.3#

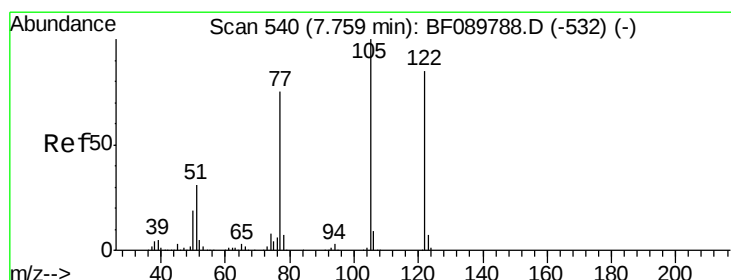
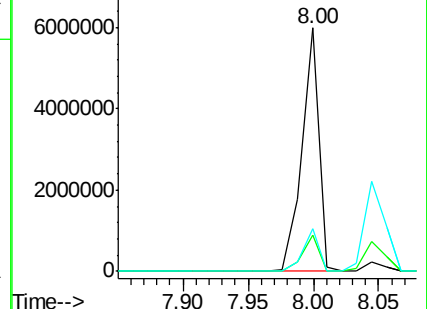
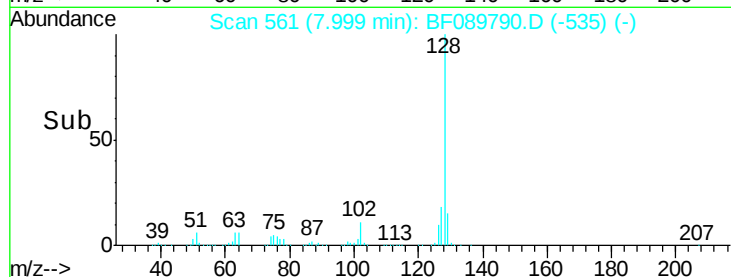
127 17.5 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 62.15 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.03 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

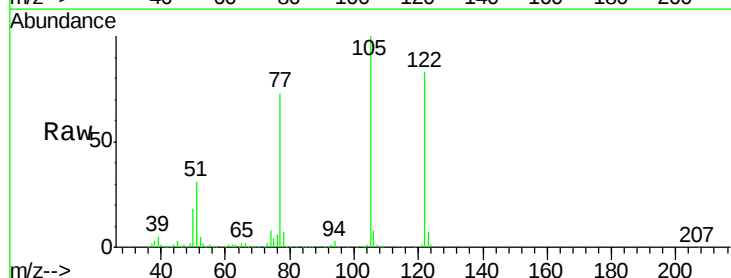
Tgt Ion:122 Resp: 1878109

Ion Ratio Lower Upper

122 100

105 120.8 100.8 140.8

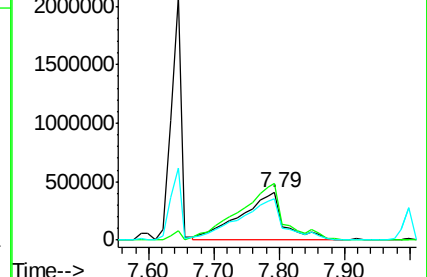
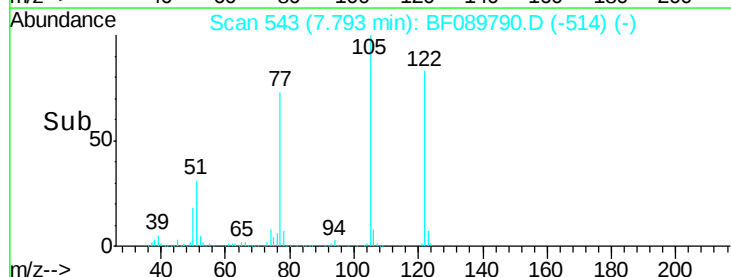
77 88.2 72.1 112.1

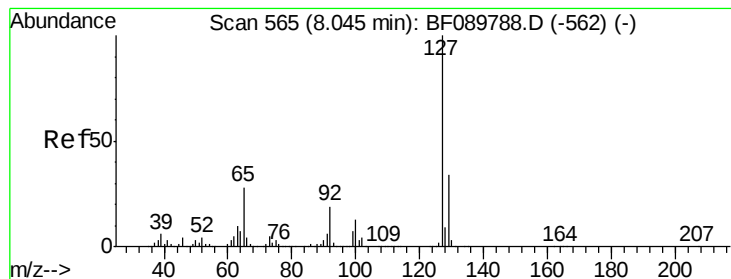


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 49.61 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 2437686

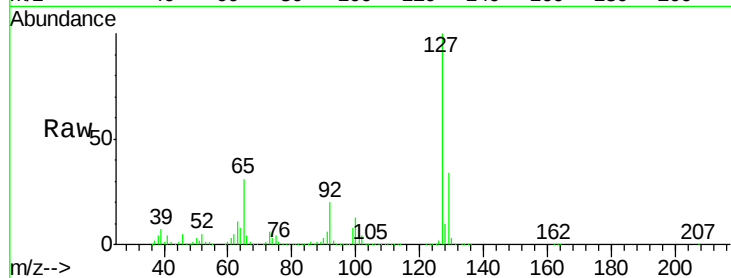
Ion Ratio Lower Upper

127 100

129 33.8 27.0 40.6

65 31.1 14.7 22.1#

92 20.0 11.7 17.5#

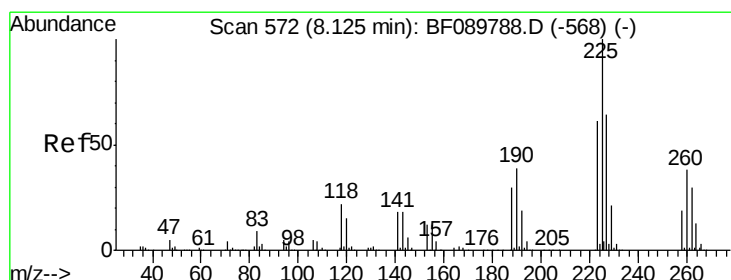
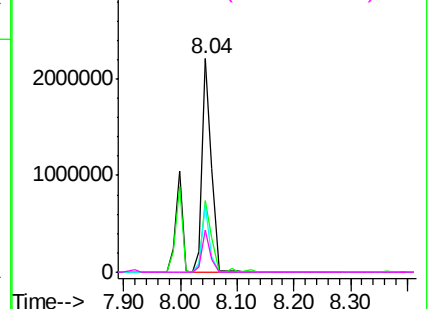
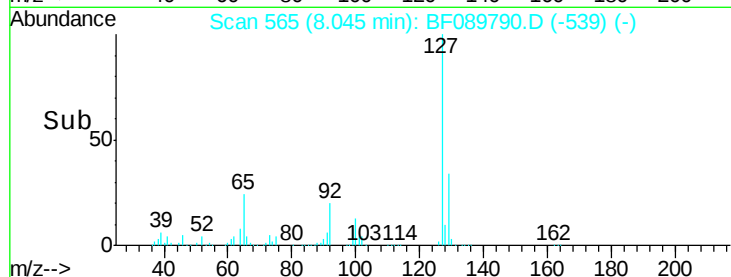


Abundance Ion 127.00 (126.70 to 127.70): E

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: 58.04 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

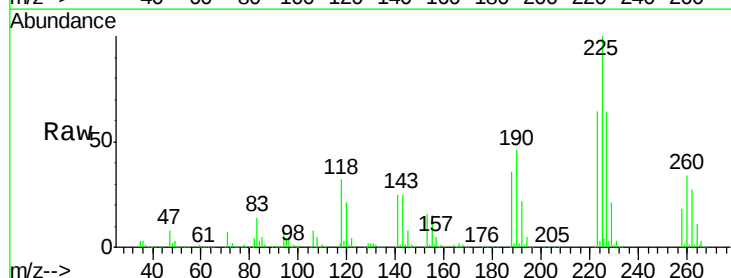
Tgt Ion:225 Resp: 1059161

Ion Ratio Lower Upper

225 100

223 63.8 51.0 76.6

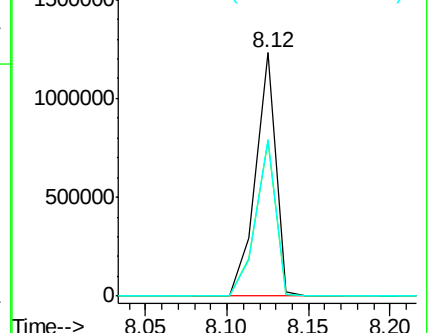
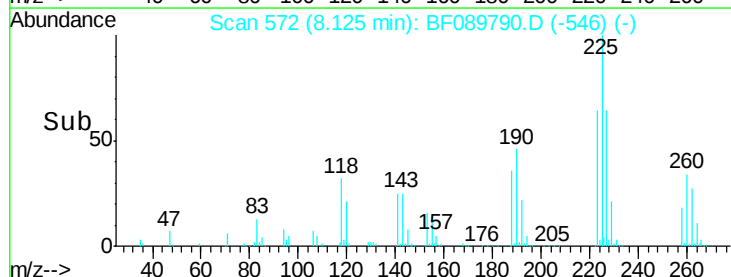
227 64.3 49.8 74.6

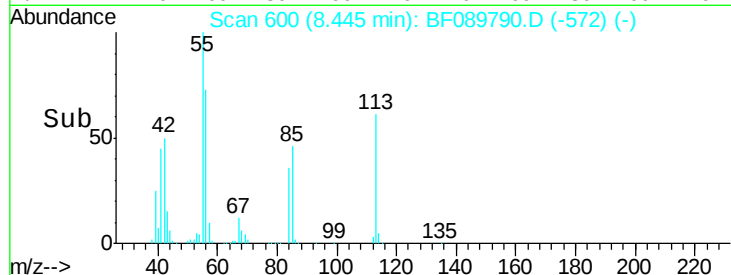
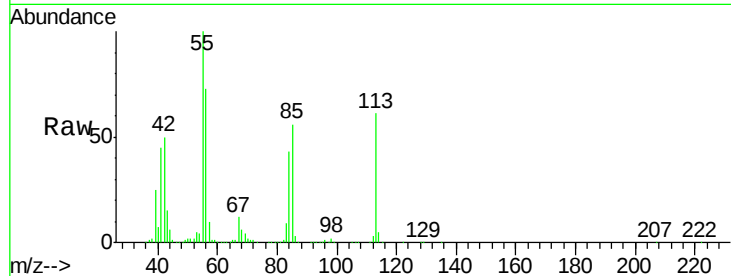
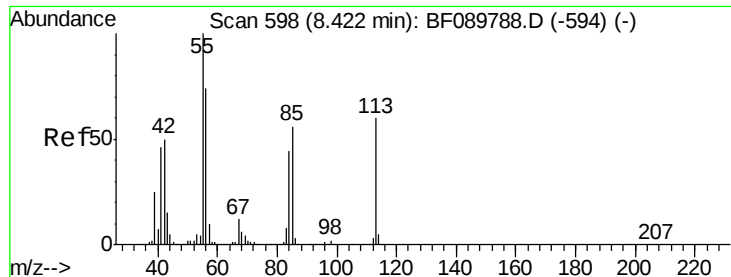


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 53.96 ng

RT: 8.44 min Scan# 600

Delta R.T. 0.02 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

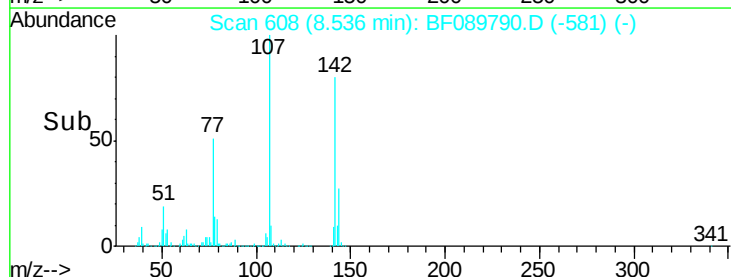
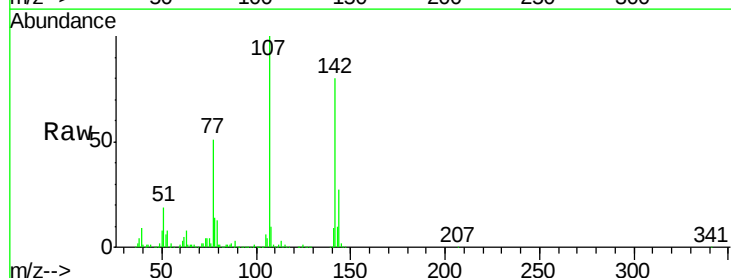
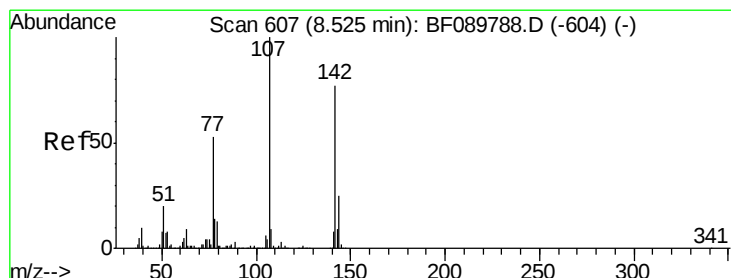
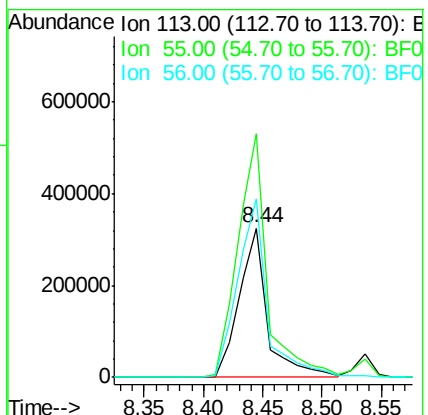
Tot Ion:113 Resp: 538172

Ion Ratio Lower Upper

113 100

55 163.3 135.9 175.9

56 119.2 93.9 133.9



#36

4-Chloro-3-methylphenol

Concen: 49.45 ng

RT: 8.54 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

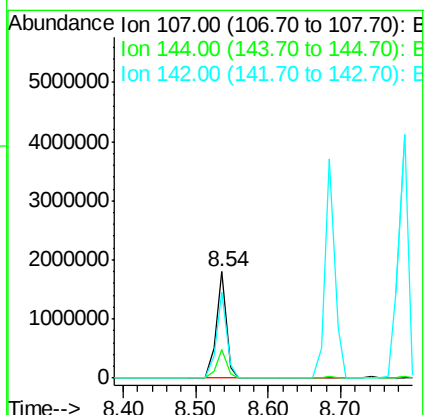
Tgt Ion:107 Resp: 1742032

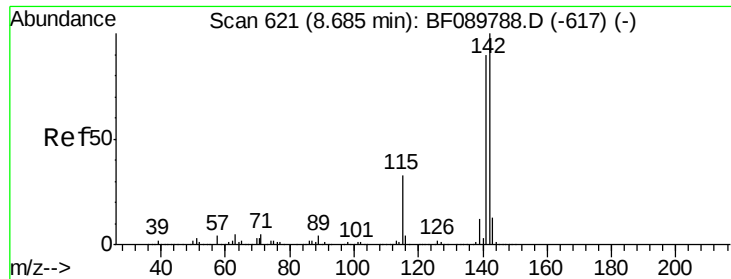
Ion Ratio Lower Upper

107 100

144 26.5 22.6 34.0

142 80.3 69.3 103.9

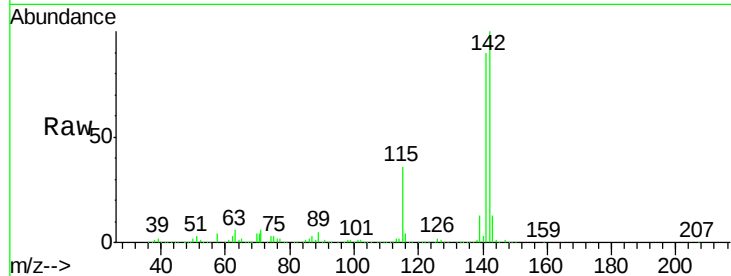




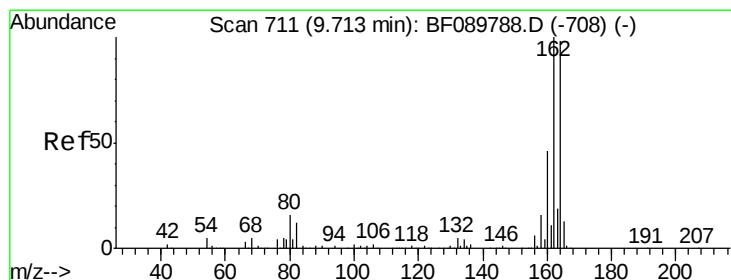
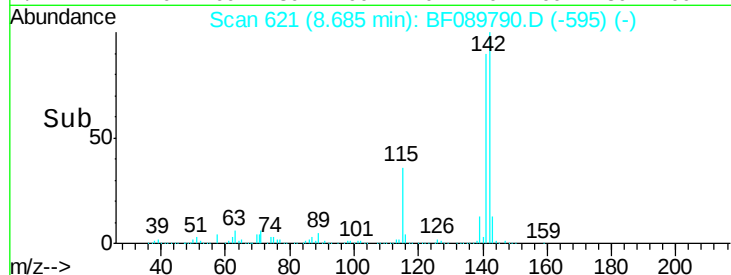
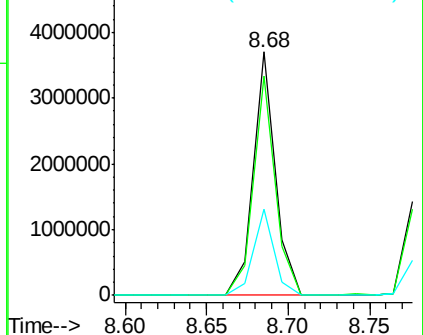
#37
2-Methylnaphthalene
Concen: 48.05 ng
RT: 8.68 min Scan# 621
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:142 Resp: 3473262
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 35.6 22.7 34.1#

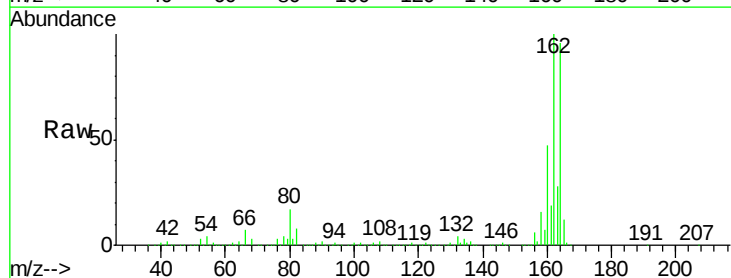


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

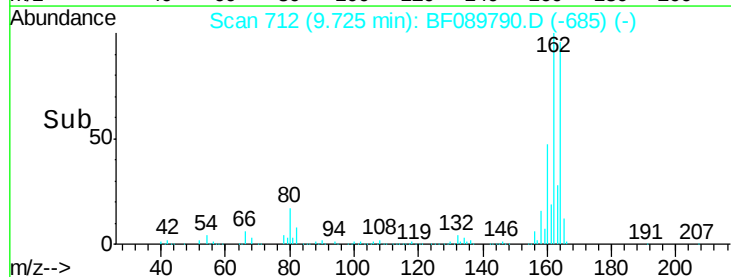
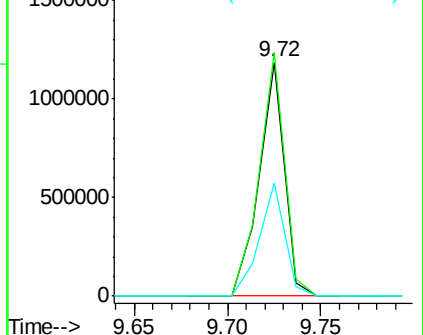


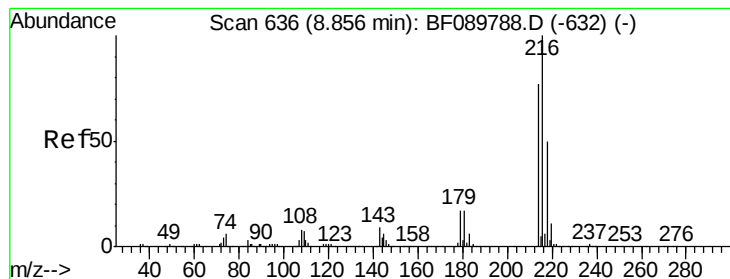
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:164 Resp: 1101692
Ion Ratio Lower Upper
164 100
162 104.1 81.4 122.2
160 48.5 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 54.59 ng

RT: 8.86 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 1933553

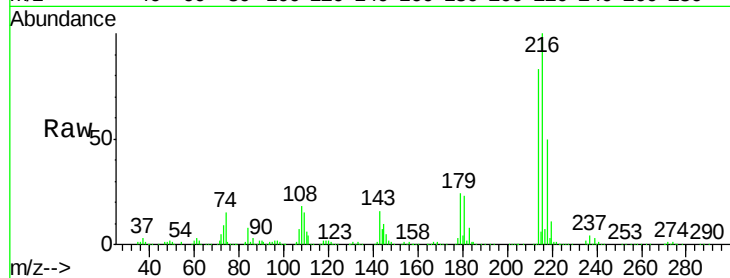
Ion Ratio Lower Upper

216 100

214 82.5 63.5 95.3

179 24.7 19.9 29.9

108 21.7 19.9 29.9

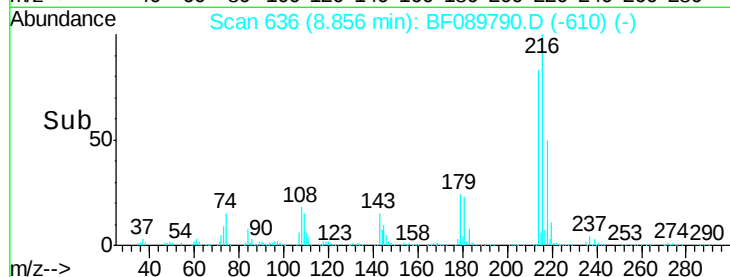


Abundance Ion 216.00 (215.70 to 216.70): E

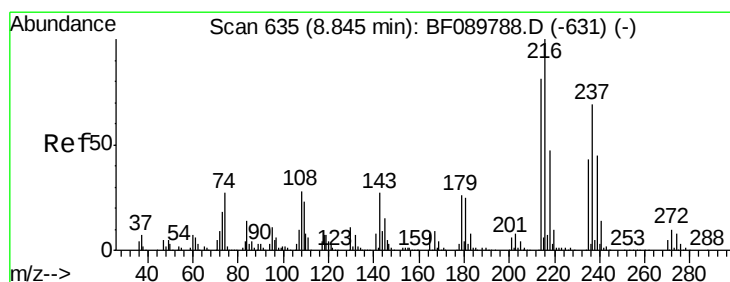
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 46.49 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

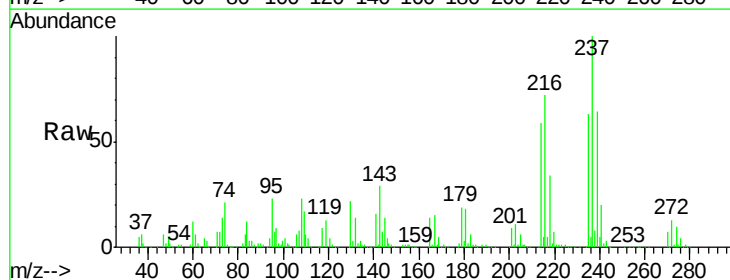
Tgt Ion:237 Resp: 733815

Ion Ratio Lower Upper

237 100

235 62.7 43.7 83.7

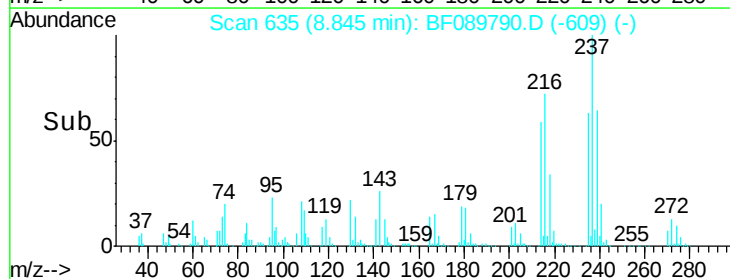
272 13.1 0.0 31.6



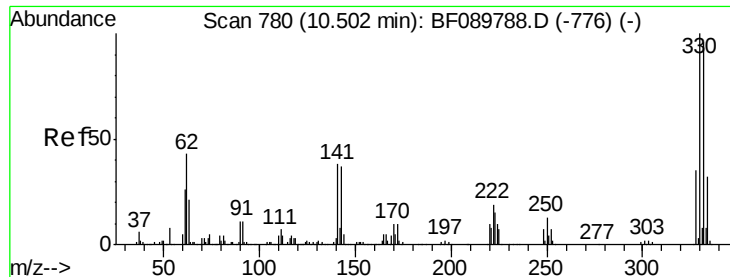
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



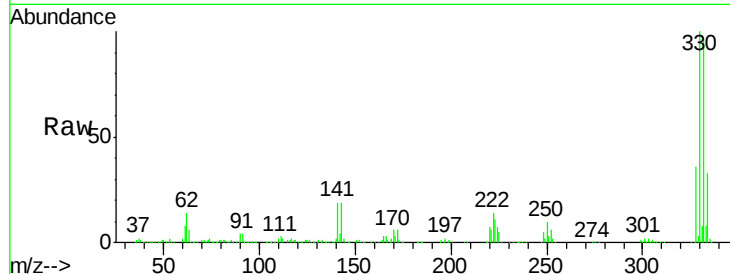
Time-->



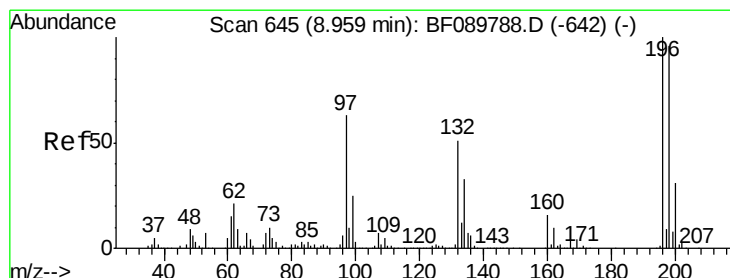
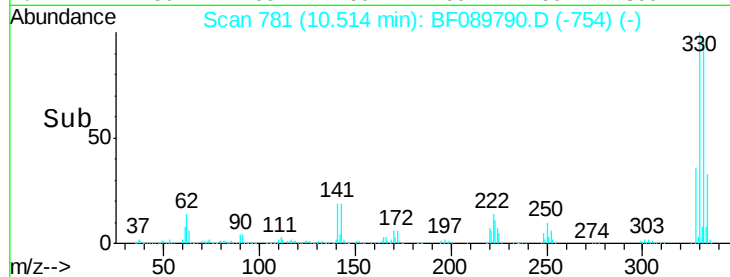
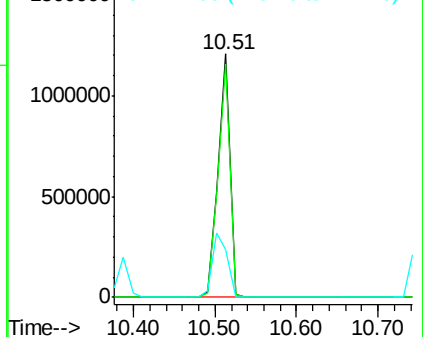
#41
 2,4,6-Tribromophenol
 Concen: 114.72 ng
 RT: 10.51 min Scan# 781
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1222684
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 33.5 30.2 45.2

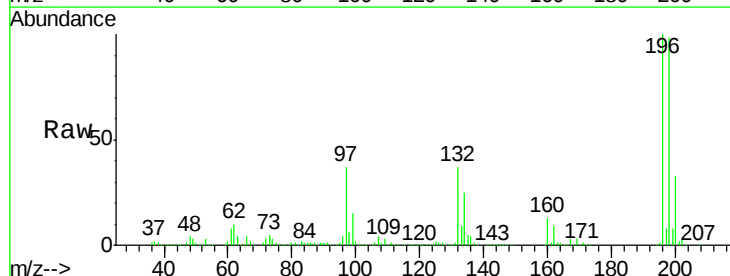


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

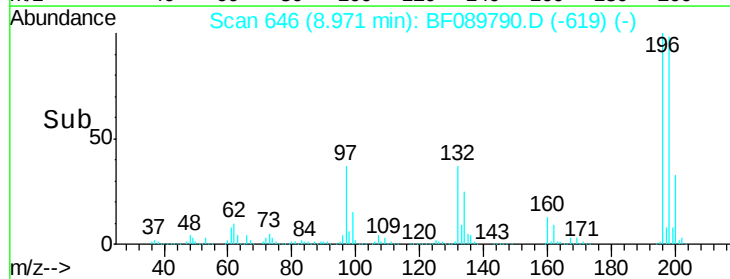
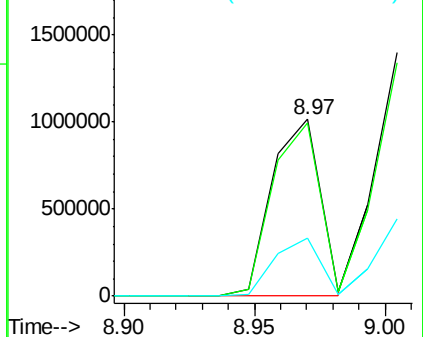


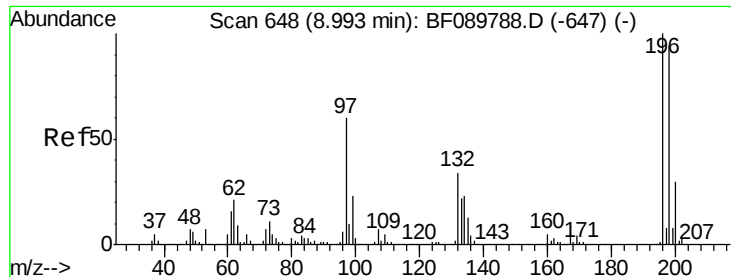
#42
 2,4,6-Trichlorophenol
 Concen: 56.90 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion:196 Resp: 1301895
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.3 114.5
 200 32.8 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

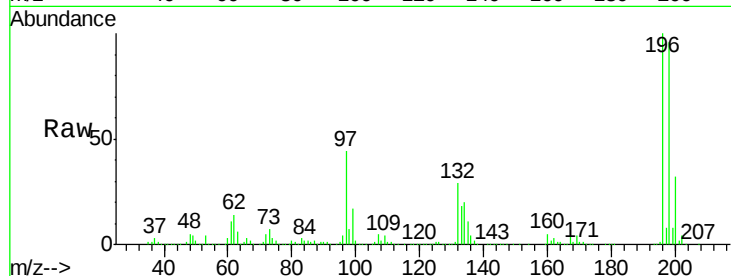




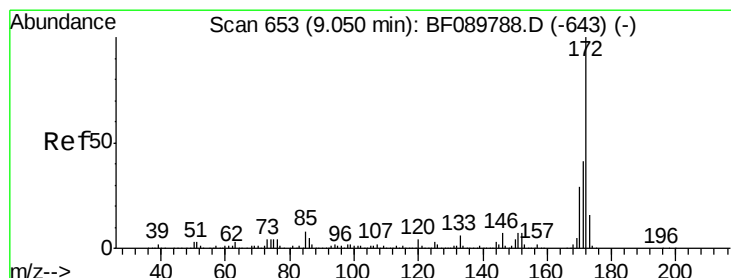
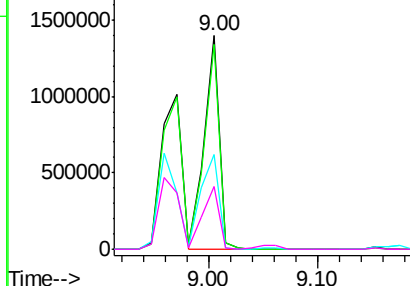
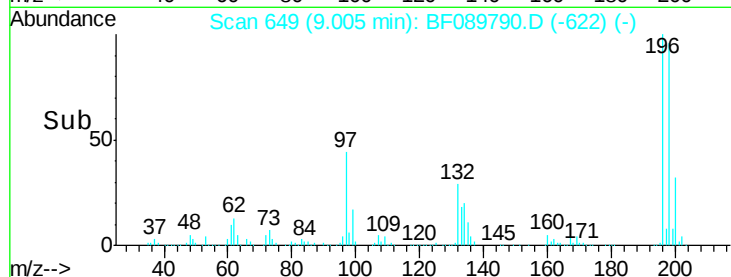
#43
 2,4,5-Trichlorophenol
 Concen: 62.13 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 1355359
 Ion Ratio Lower Upper
 196 100
 198 95.9 76.6 114.8
 97 44.1 35.8 53.8
 132 29.1 23.5 35.3

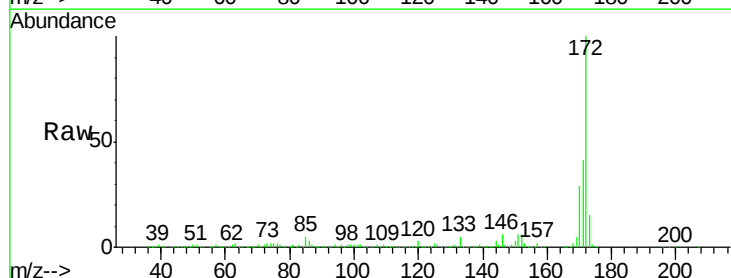


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

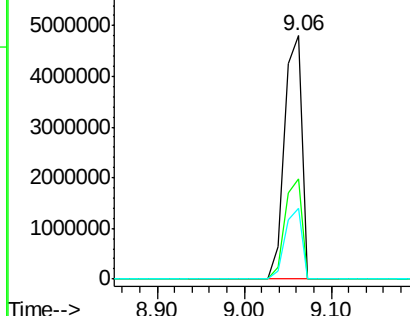
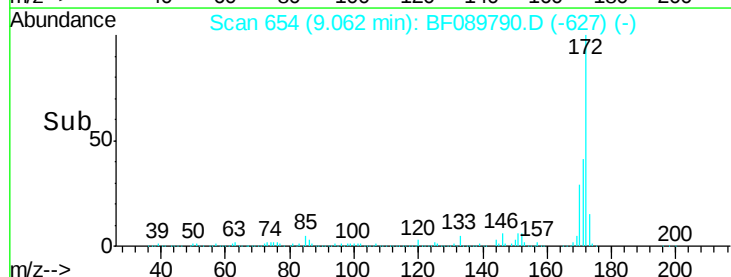


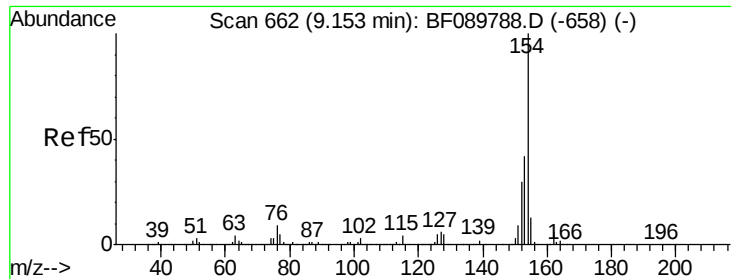
#44
 2-Fluorobiphenyl
 Concen: 97.16 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion:172 Resp: 6670563
 Ion Ratio Lower Upper
 172 100
 171 41.0 30.5 45.7
 170 28.8 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



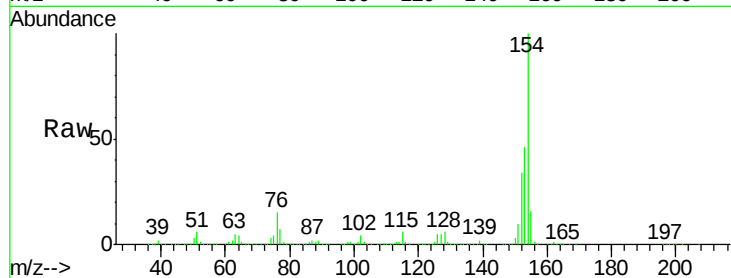


#45
 1,1'-Biphenyl
 Concen: 43.48 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

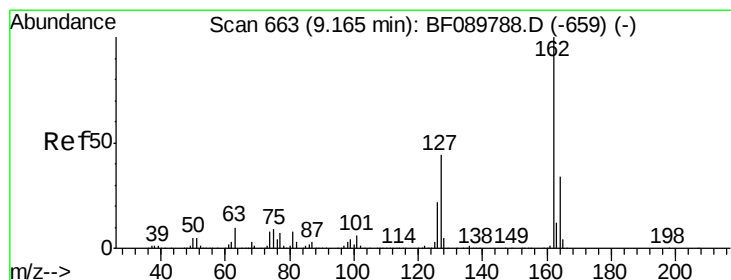
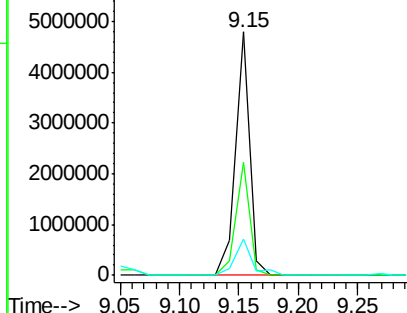
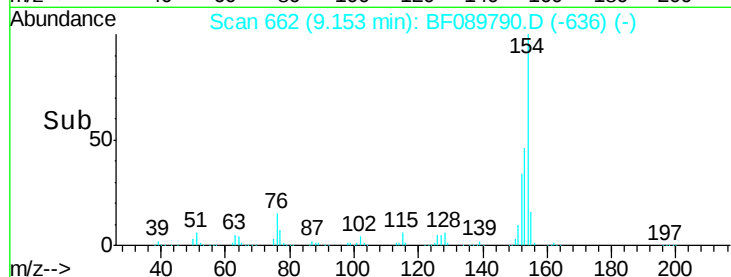
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 3967034

Ion	Ratio	Lower	Upper
154	100		
153	46.3	21.5	61.5
76	14.9	0.0	36.7



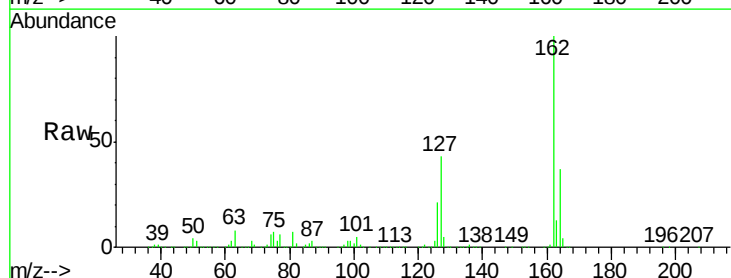
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0



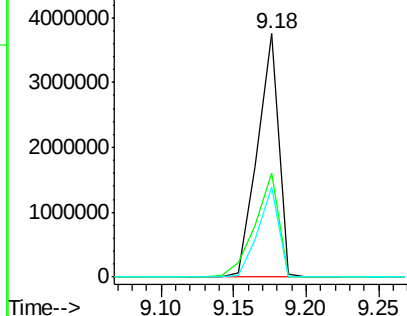
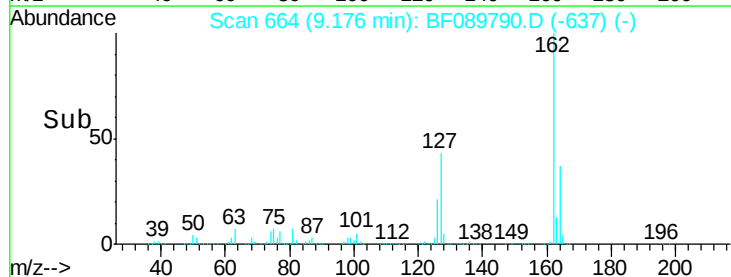
#46
 2-Chloronaphthalene
 Concen: 55.96 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

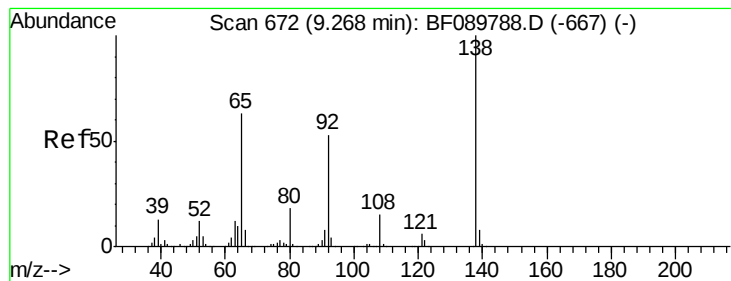
Tgt Ion:162 Resp: 3826236

Ion	Ratio	Lower	Upper
162	100		
127	42.8	35.5	53.3
164	36.8	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

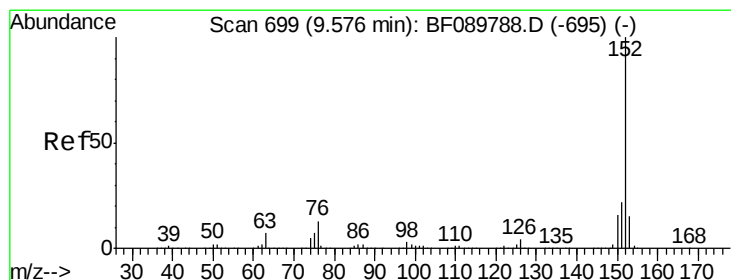
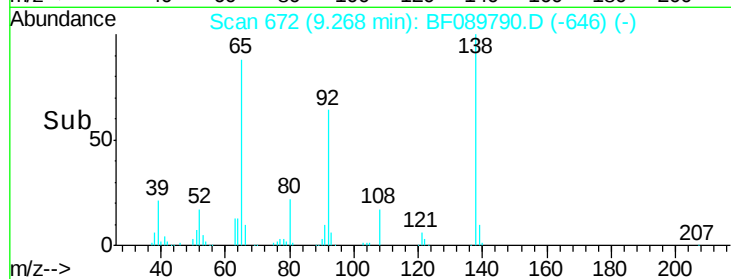
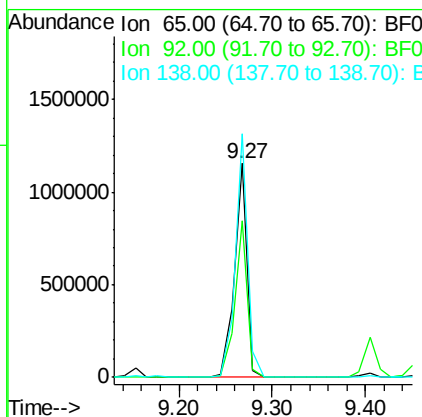
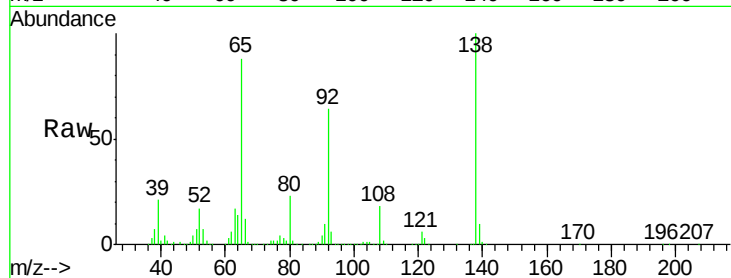




#47
 2-Nitroaniline
 Concen: 51.88 ng
 RT: 9.27 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

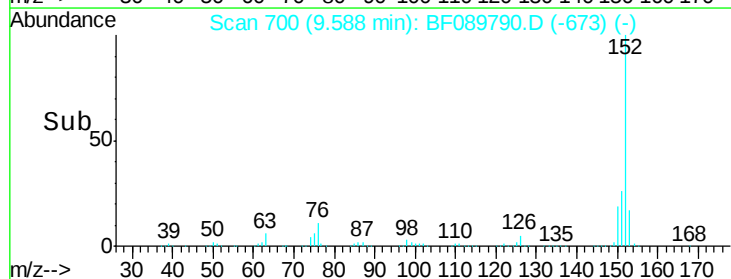
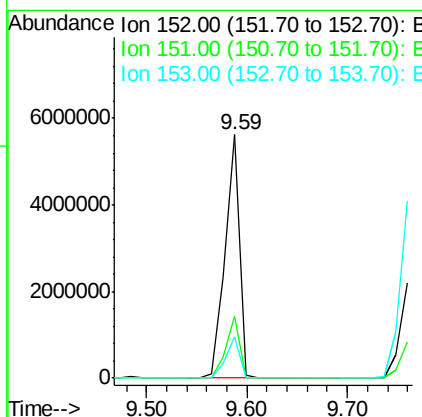
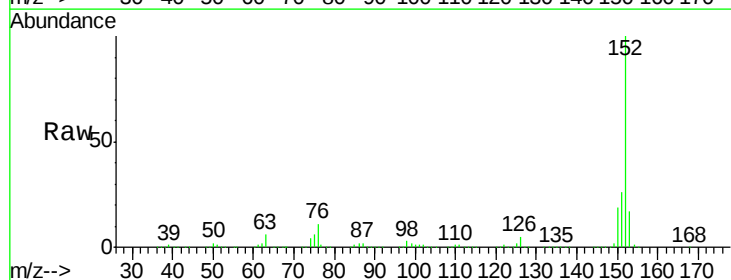
Instrument :
 BNA_F
 ClientSampleId :

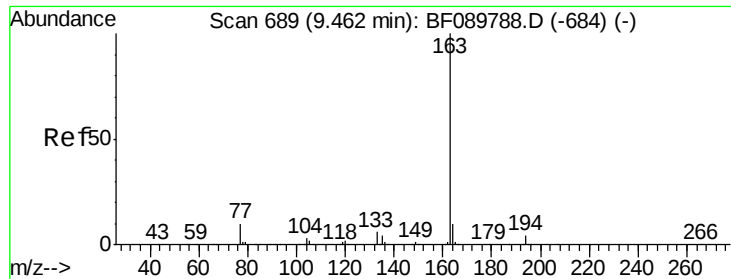
Tot Ion: 65 Resp: 1080889
 Ion Ratio Lower Upper
 65 100
 92 73.0 56.3 84.5
 138 113.8 81.8 122.8



#48
 Acenaphthylene
 Concen: 52.78 ng
 RT: 9.59 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion: 152 Resp: 5555148
 Ion Ratio Lower Upper
 152 100
 151 25.6 17.1 25.7
 153 16.8 11.2 16.8#

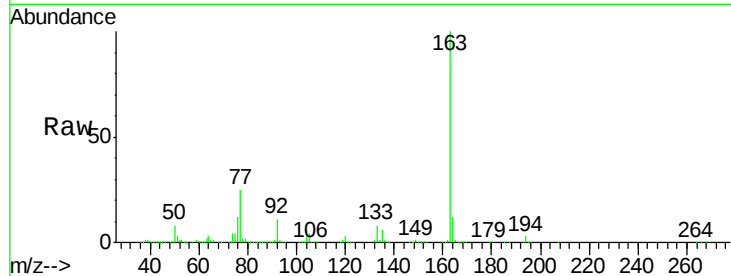




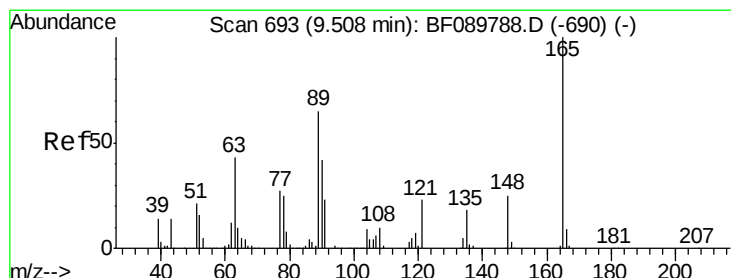
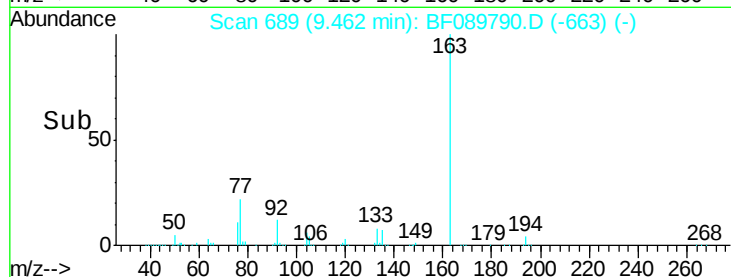
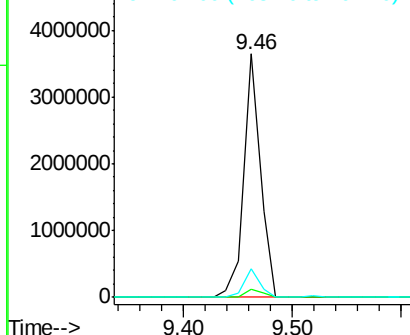
#49
Dimethylphthalate
Concen: 47.94 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 3821696
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 11.8 8.6 12.8

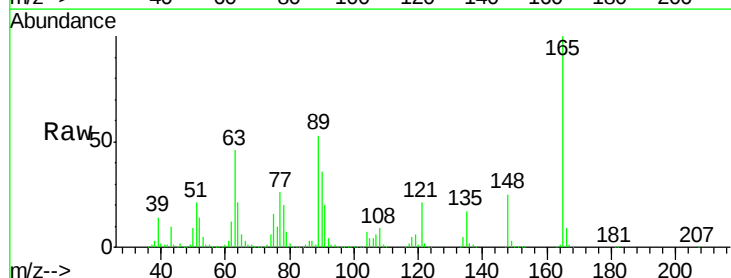


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

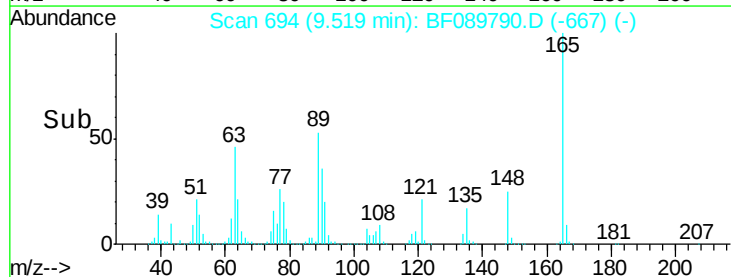
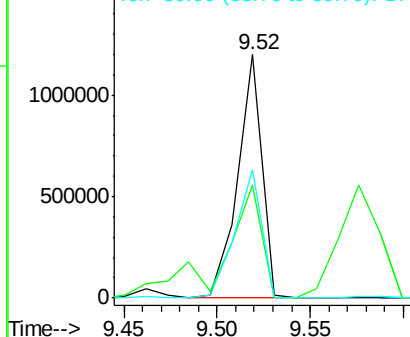


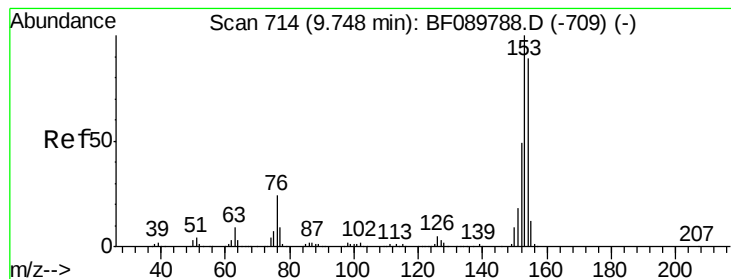
#50
2,6-Dinitrotoluene
Concen: 60.22 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:165 Resp: 1086504
Ion Ratio Lower Upper
165 100
63 46.3 41.7 62.5
89 53.0 44.6 67.0



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





#51

Acenaphthene

Concen: 51.52 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

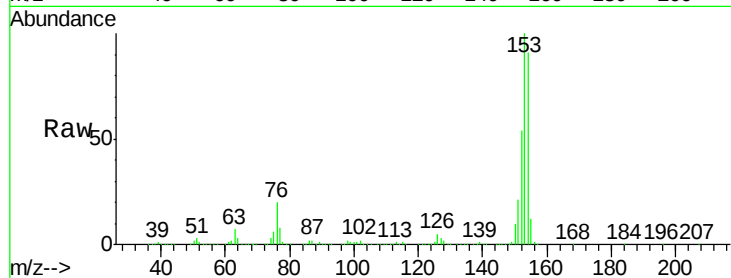
Tot Ion:154 Resp: 3659125

Ion Ratio Lower Upper

154 100

153 110.3 90.5 135.7

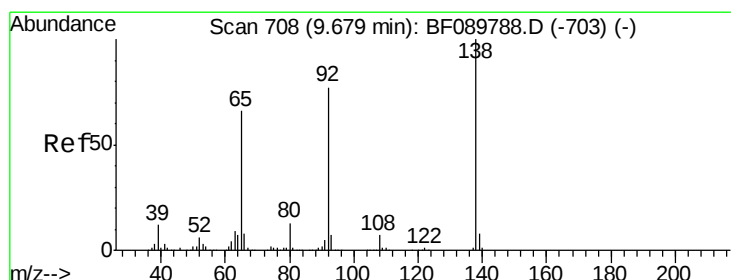
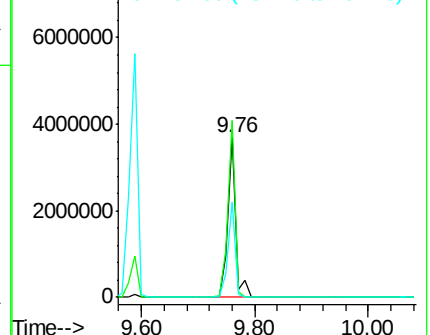
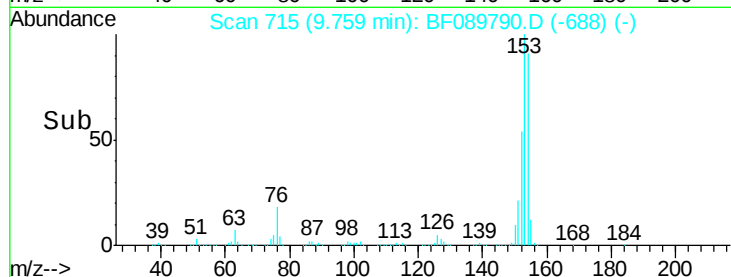
152 59.1 44.6 67.0



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: 49.74 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

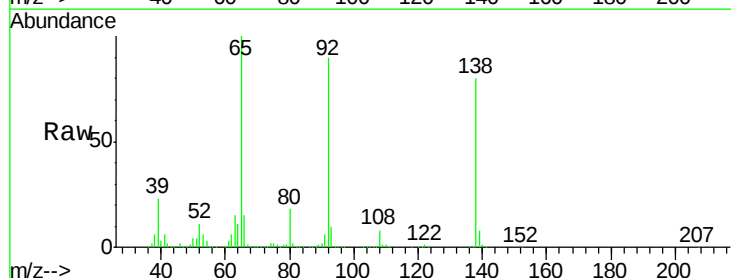
Tgt Ion:138 Resp: 1043465

Ion Ratio Lower Upper

138 100

108 9.9 8.1 12.1

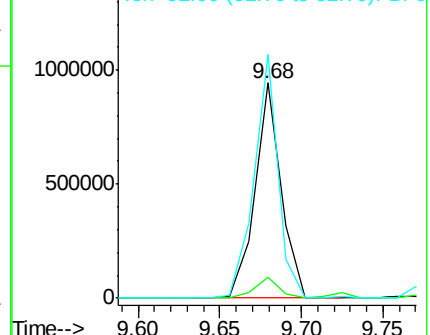
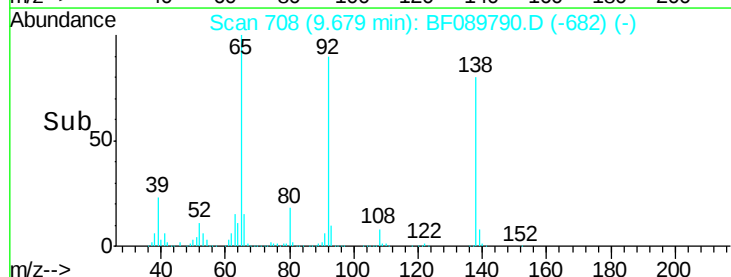
92 113.3 92.7 139.1

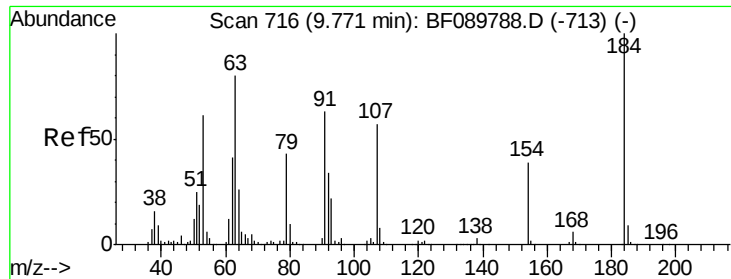


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

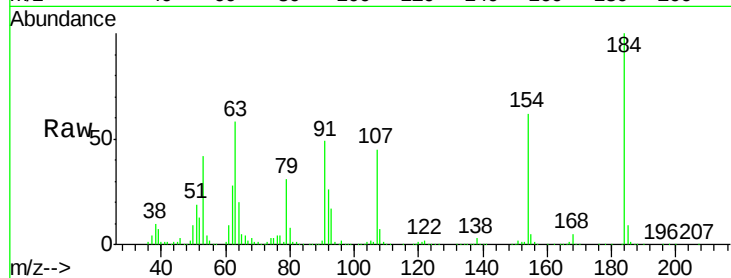




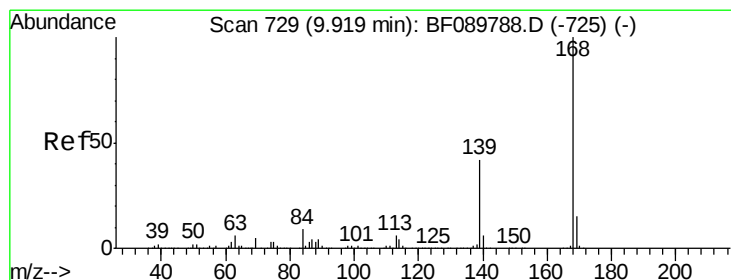
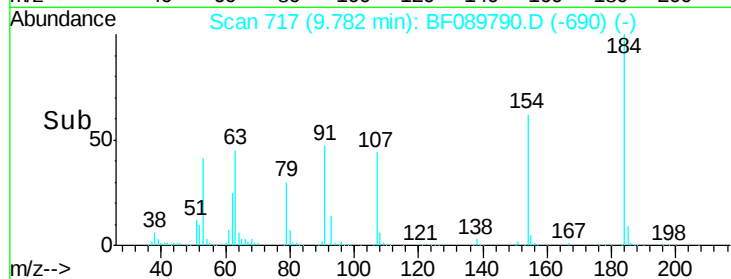
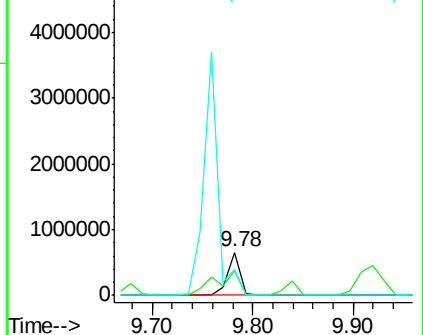
#53
2,4-Dinitrophenol
Concen: 87.61 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 561599
Ion Ratio Lower Upper
184 100
63 58.1 54.2 81.4
154 61.9 52.7 79.1

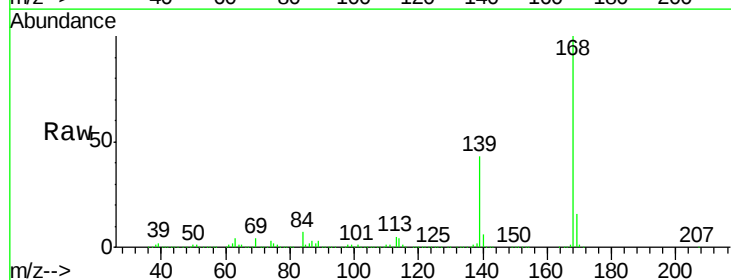


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

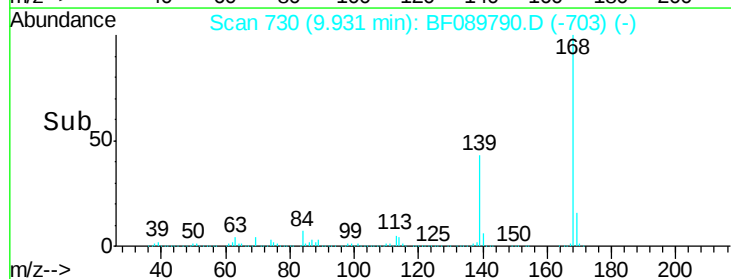
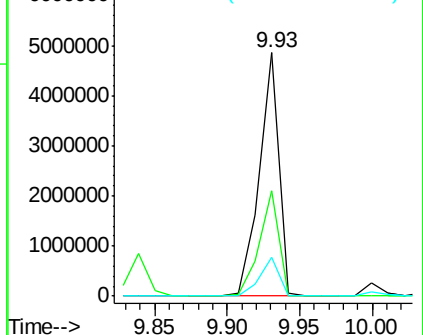


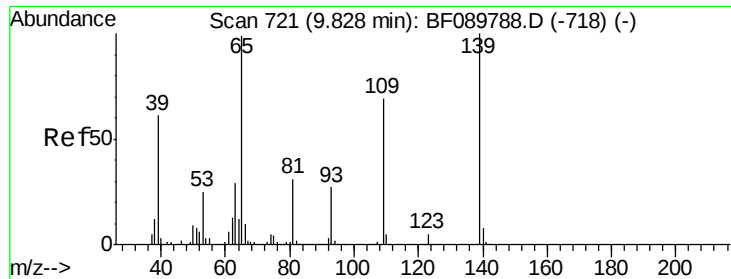
#54
Dibenzofuran
Concen: 51.82 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:168 Resp: 4529025
Ion Ratio Lower Upper
168 100
139 43.4 34.6 52.0
169 16.1 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

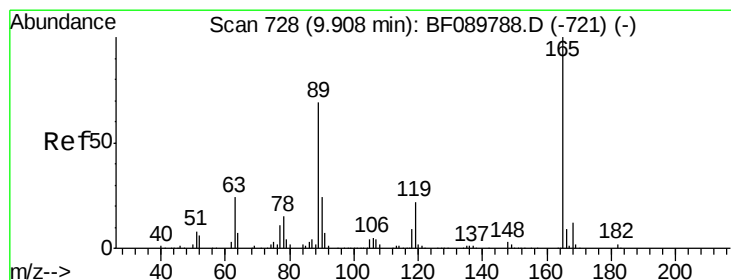
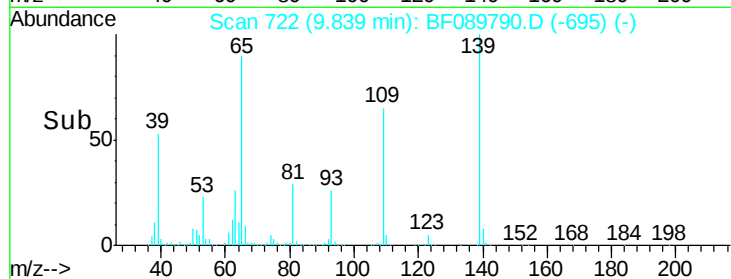
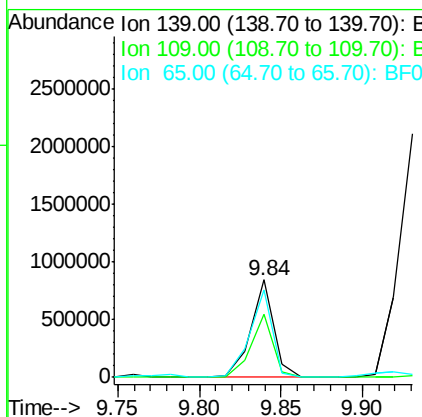
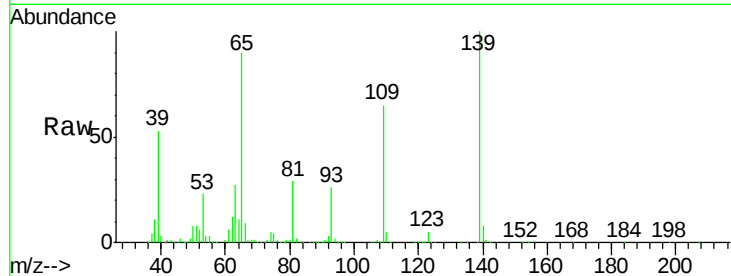




#55
4-Nitrophenol
Concen: 51.10 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

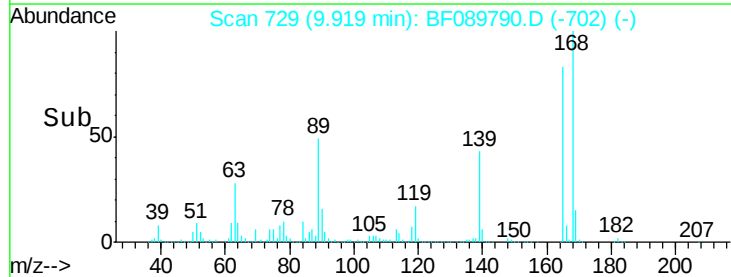
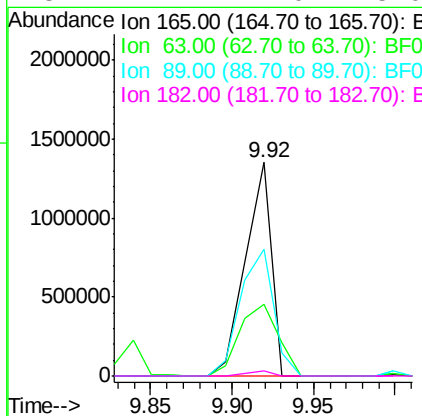
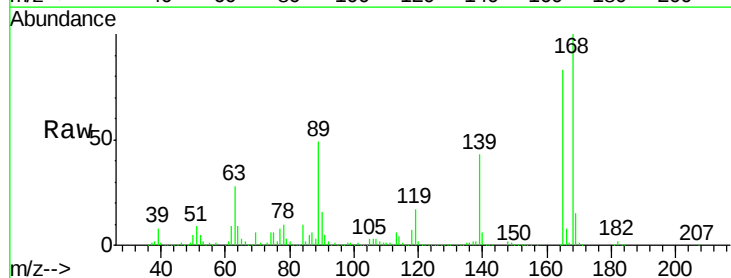
Instrument :
BNA_F
ClientSampleId :

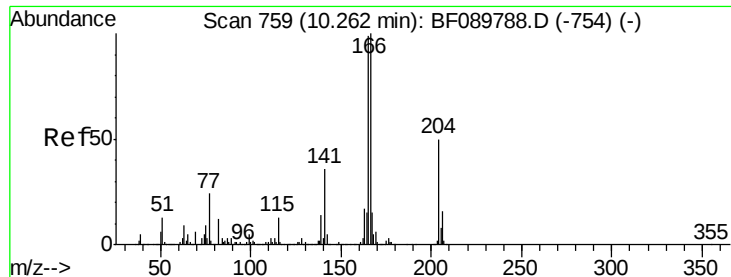
Tot Ion:139 Resp: 824577
Ion Ratio Lower Upper
139 100
109 65.1 43.0 83.0
65 90.3 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 63.99 ng
RT: 9.92 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:165 Resp: 1483992
Ion Ratio Lower Upper
165 100
63 33.6 23.7 35.5
89 59.1 44.0 66.0
182 2.2 2.0 3.0





#57

Fluorene

Concen: 53.29 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

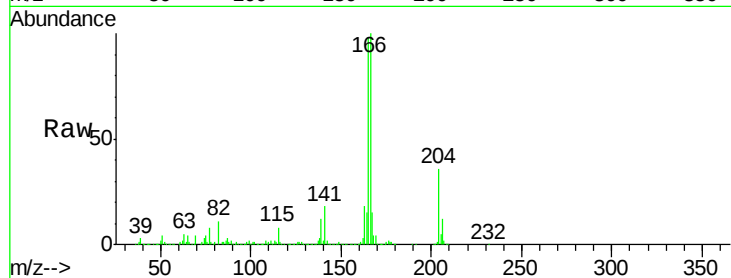
Tot Ion:166 Resp: 3763482

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.2	120.4
167	14.7	11.3	16.9

166 100

165 98.4 80.2 120.4

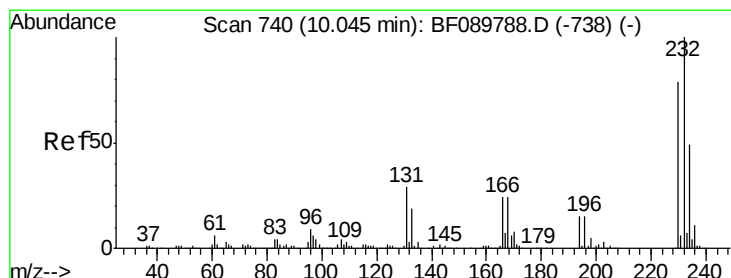
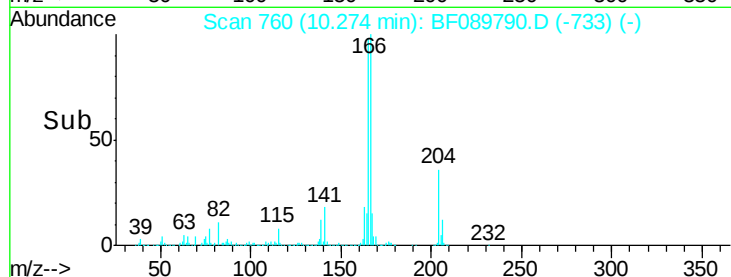
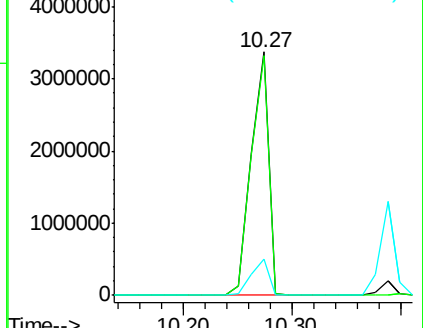
167 14.7 11.3 16.9



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: 51.52 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion:232 Resp: 877853

Ion	Ratio	Lower	Upper
232	100		
131	57.8	42.5	63.7
130	2.7	2.2	3.4
166	37.3	27.3	40.9

232 100

131 57.8 42.5 63.7

130 2.7 2.2 3.4

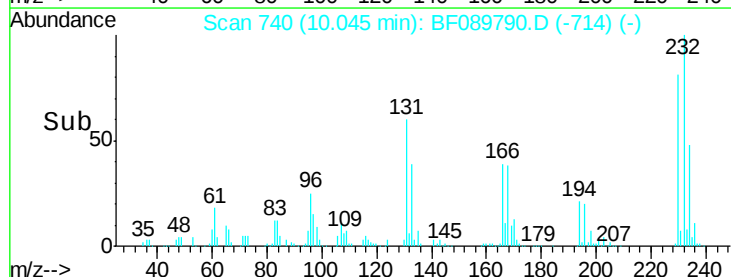
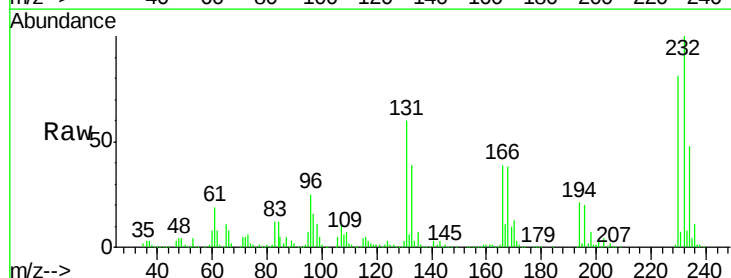
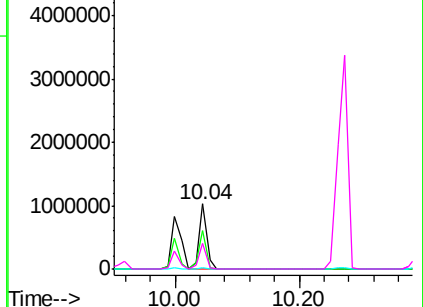
166 37.3 27.3 40.9

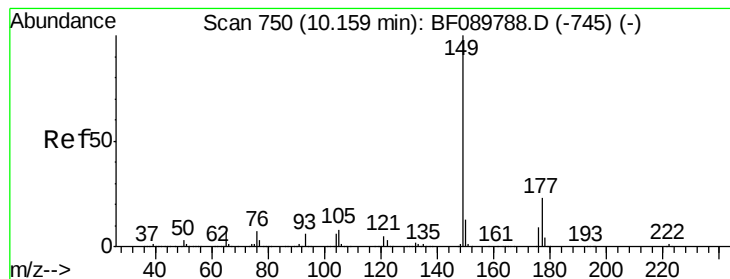
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.25 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampled :

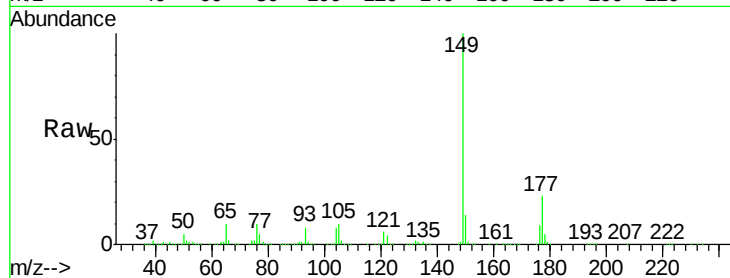
Tot Ion:149 Resp: 4142321

Ion Ratio Lower Upper

149 100

177 22.6 16.6 25.0

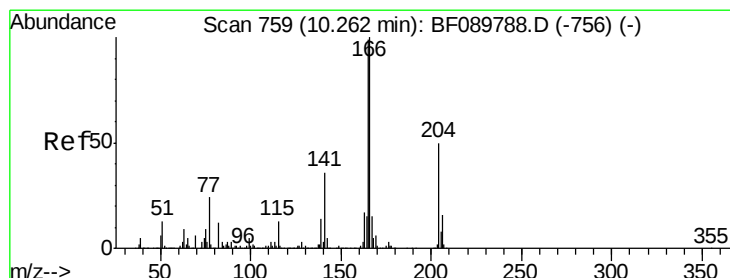
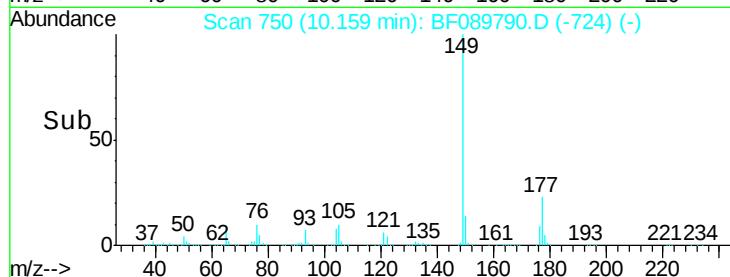
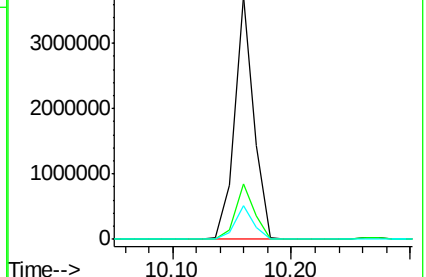
150 14.1 10.5 15.7



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: 45.13 ng

RT: 10.27 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

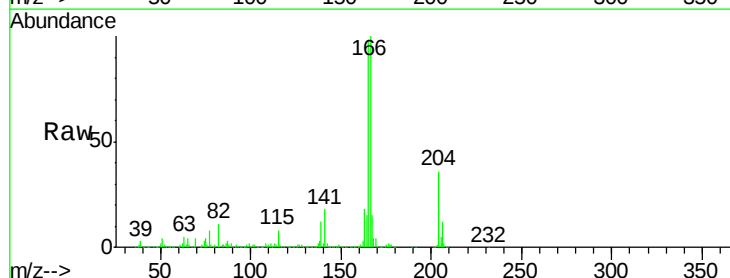
Tgt Ion:204 Resp: 1564566

Ion Ratio Lower Upper

204 100

206 33.6 26.5 39.7

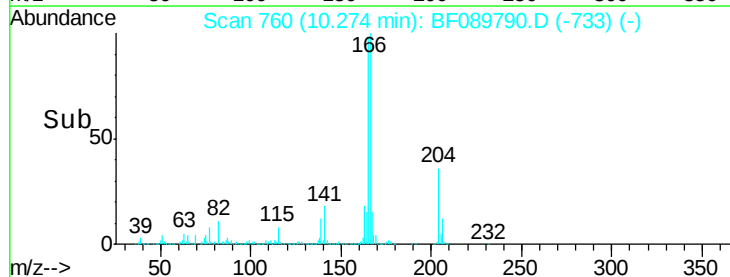
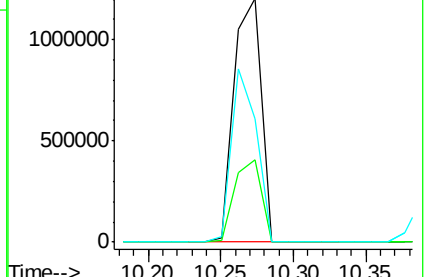
141 50.7 54.1 81.1#

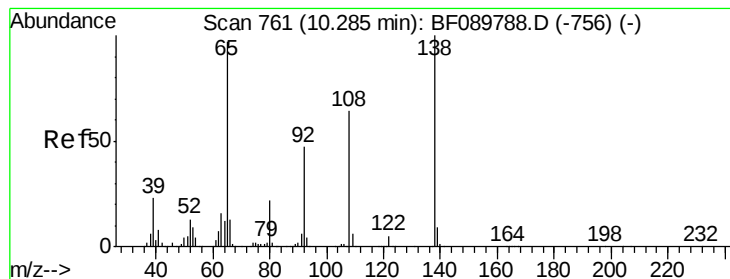


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 50.18 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampled :

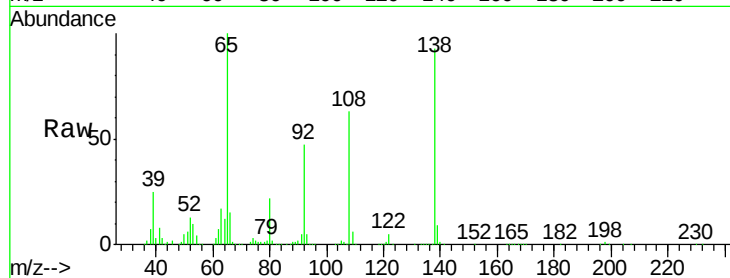
Tot Ion:138 Resp: 1022075

Ion Ratio Lower Upper

138 100

92 50.5 26.4 66.4

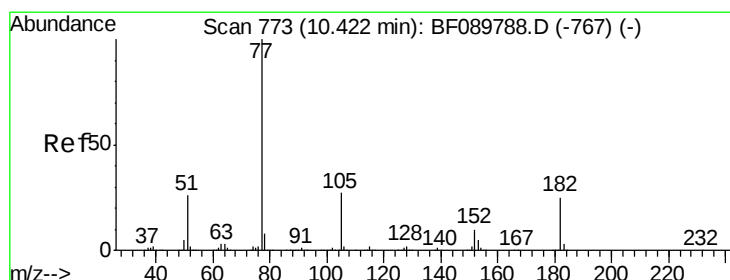
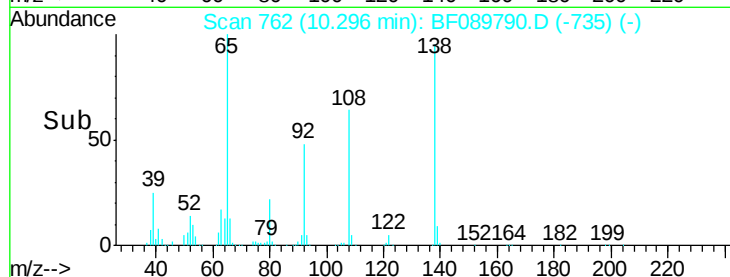
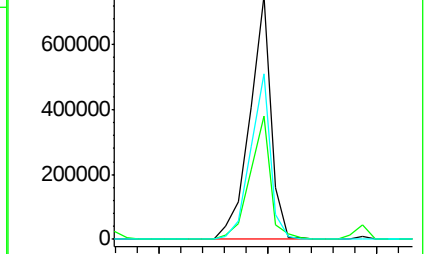
108 67.9 47.0 87.0



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: 51.38 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion: 77 Resp: 3923832

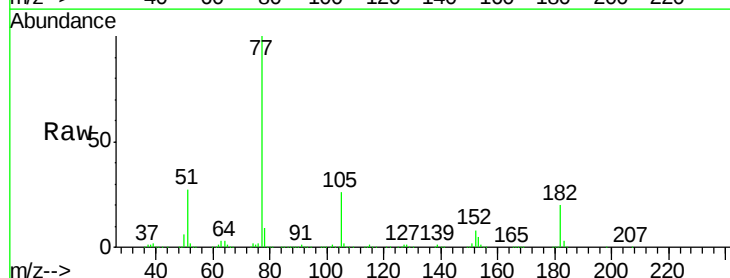
Ion Ratio Lower Upper

77 100

182 20.2 5.6 45.6

105 25.6 4.0 44.0

51 26.9 7.8 47.8

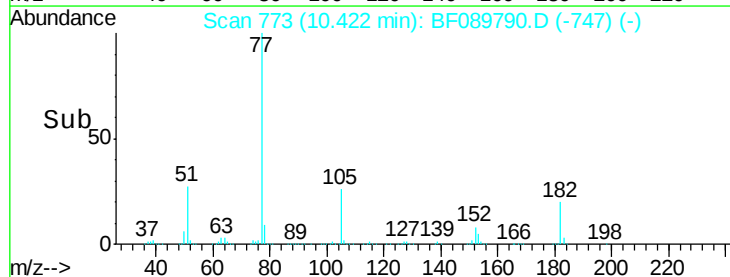
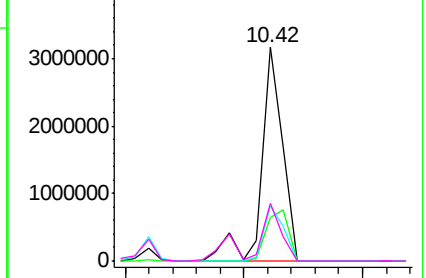


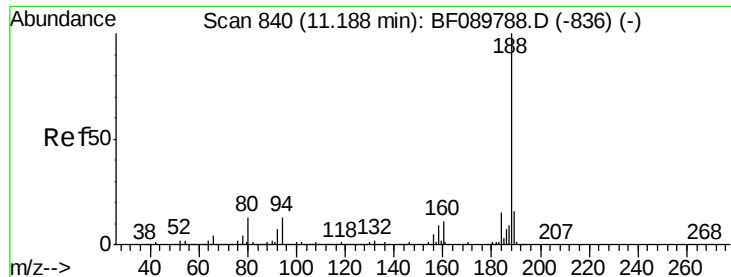
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

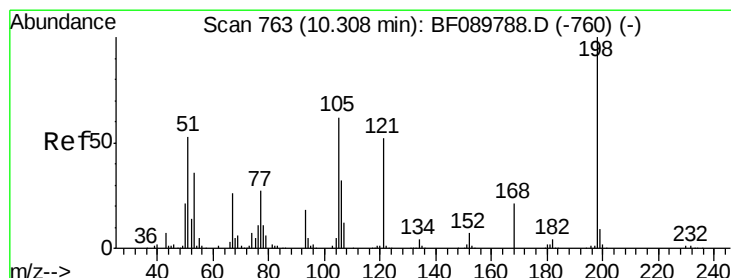
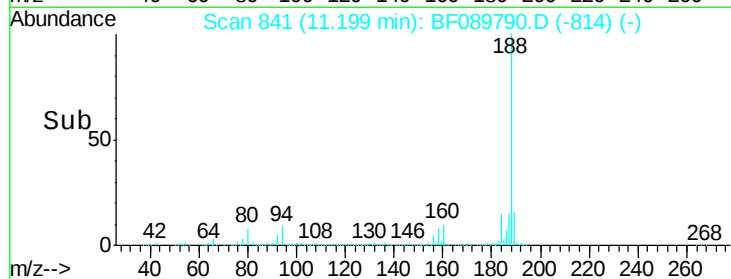
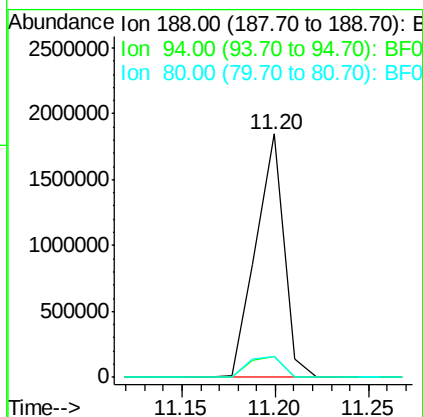
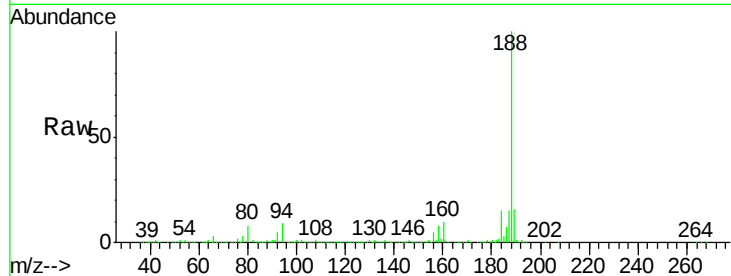




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

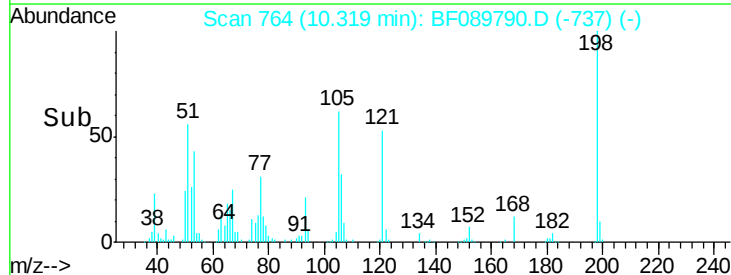
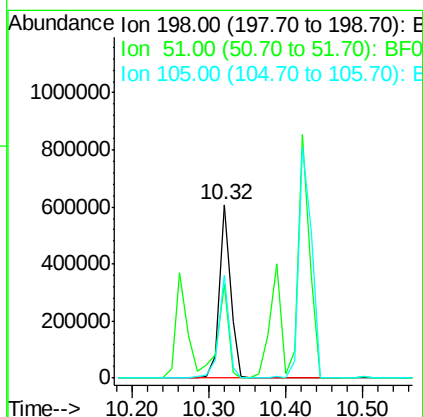
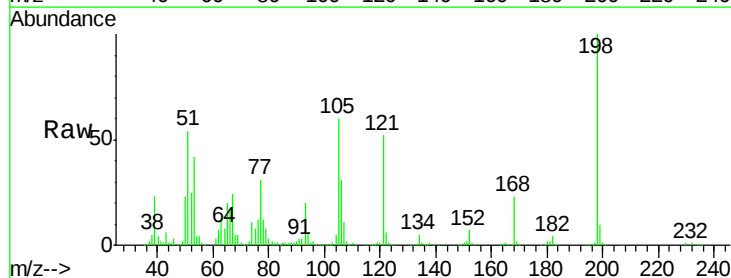
Instrument :
BNA_F
ClientSampled :

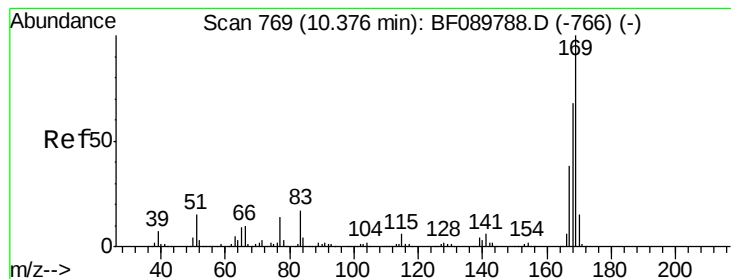
Tot Ion:188 Resp: 1959285
Ion Ratio Lower Upper
188 100
94 8.7 10.2 15.2#
80 8.4 10.9 16.3#



#64
4,6-Dinitro-2-methylphenol
Concen: 54.65 ng
RT: 10.32 min Scan# 764
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:198 Resp: 621772
Ion Ratio Lower Upper
198 100
51 54.5 32.3 72.3
105 59.6 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 49.99 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

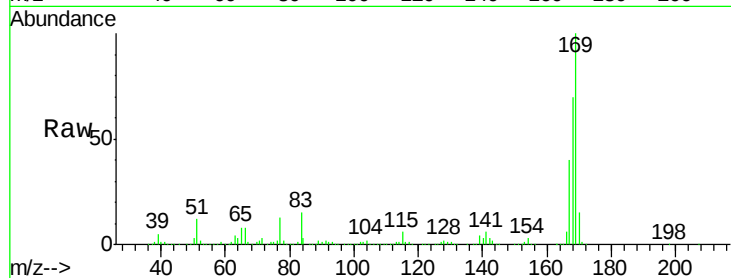
Tot Ion:169 Resp: 3073478

Ion Ratio Lower Upper

169 100

168 69.7 54.6 82.0

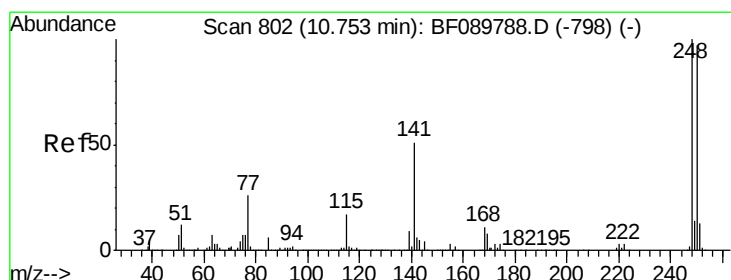
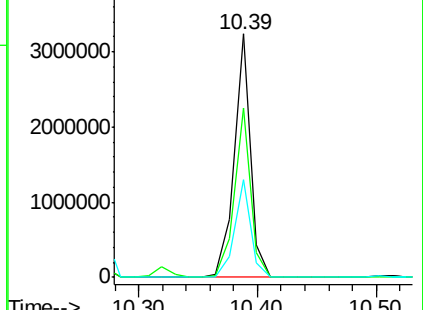
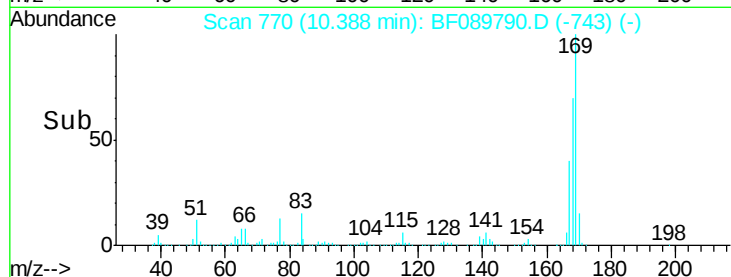
167 40.0 30.6 45.8



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: 50.88 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

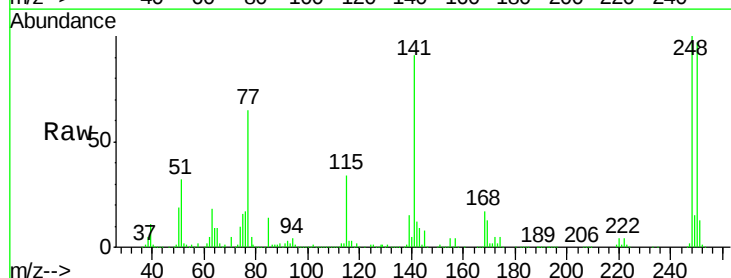
Tgt Ion:248 Resp: 1032395

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

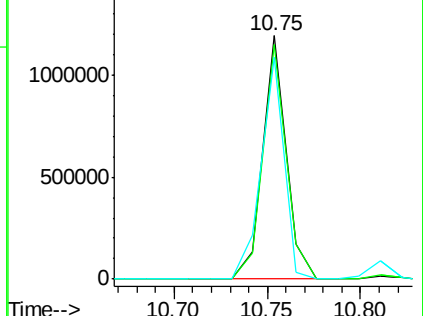
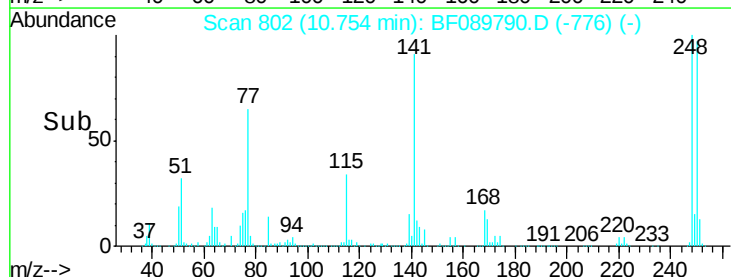
141 91.3 31.4 47.2#

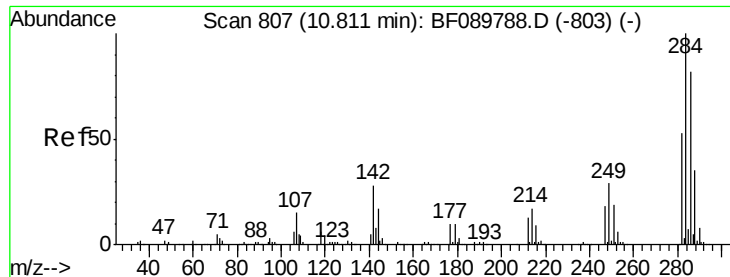


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

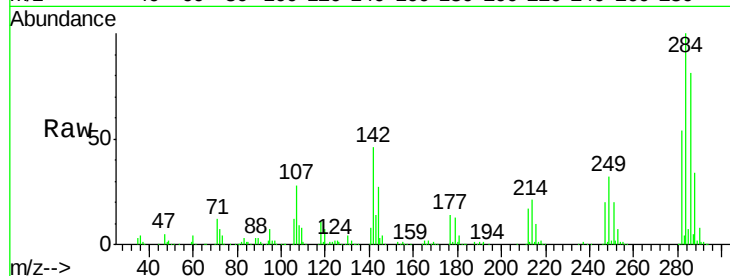




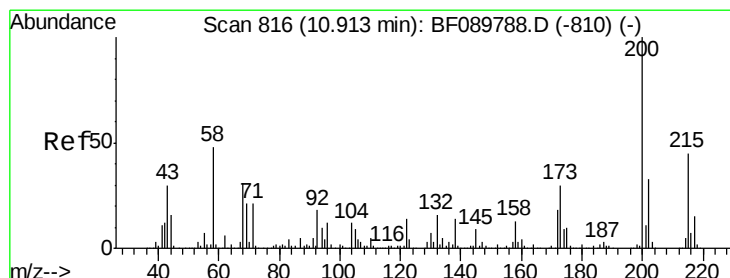
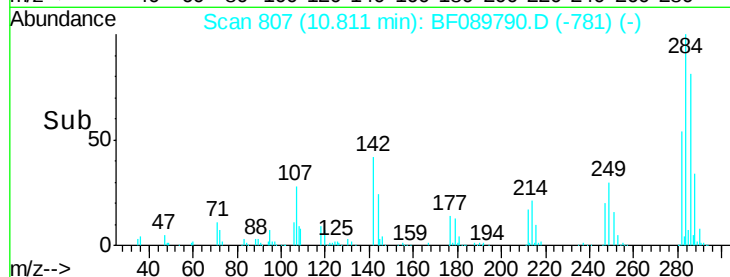
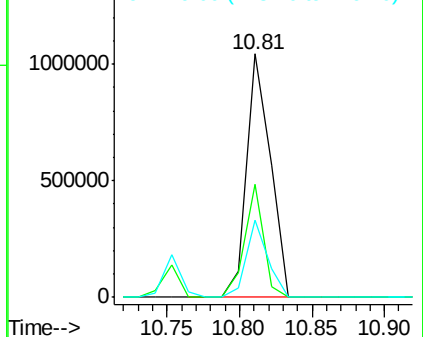
#67
Hexachlorobenzene
Concen: 52.42 ng
RT: 10.81 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 1182492
Ion Ratio Lower Upper
284 100
142 46.5 17.4 26.2#
249 31.6 22.8 34.2

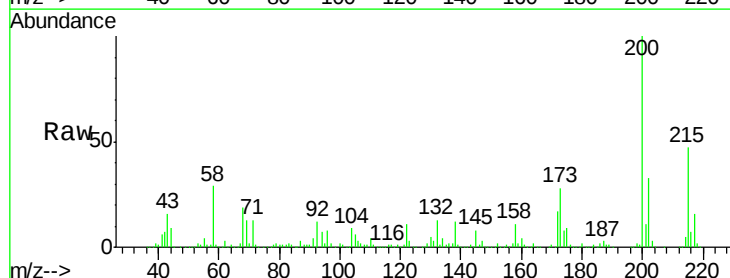


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

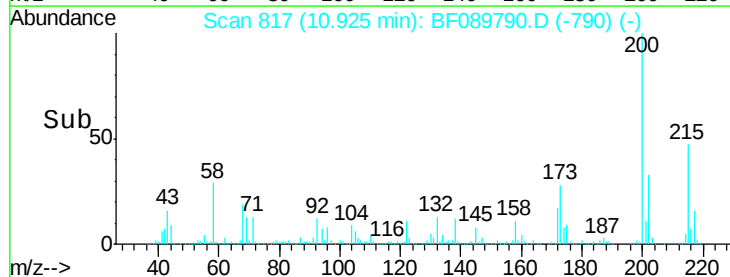
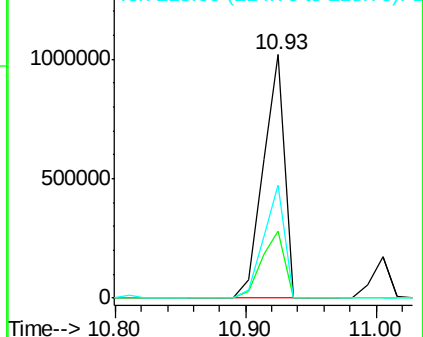


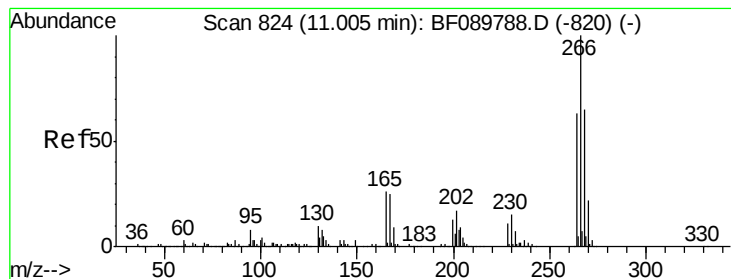
#68
Atrazine
Concen: 62.05 ng
RT: 10.93 min Scan# 817
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:200 Resp: 1155644
Ion Ratio Lower Upper
200 100
173 27.8 6.6 46.6
215 46.5 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: 58.85 ng

RT: 11.01 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampled :

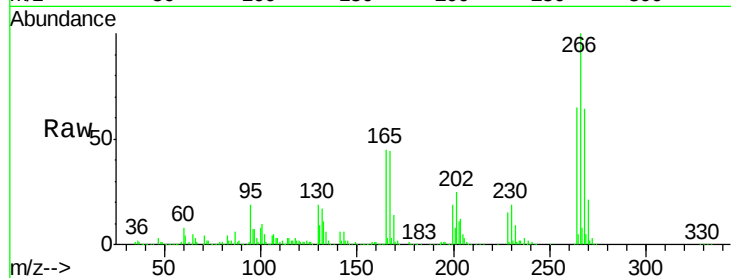
Tot Ion:266 Resp: 826955

Ion Ratio Lower Upper

266 100

268 64.1 53.2 79.8

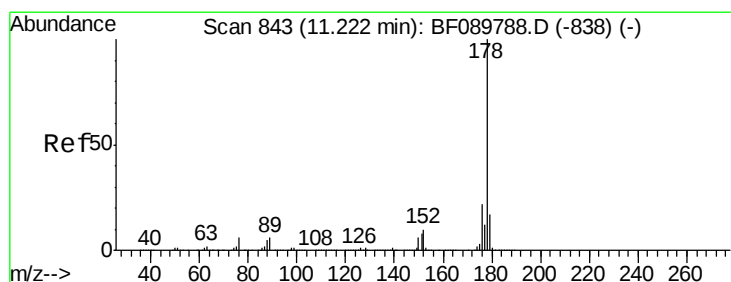
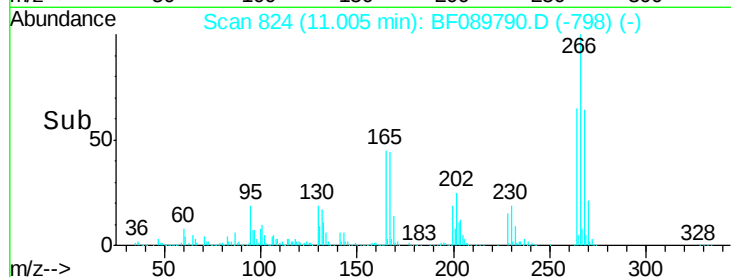
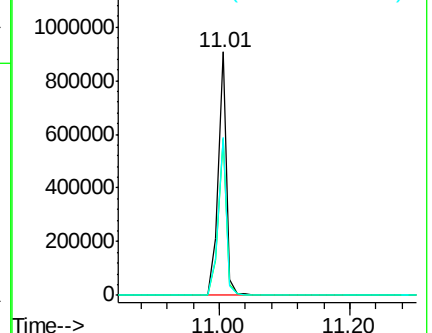
264 65.0 51.1 76.7



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: 46.40 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

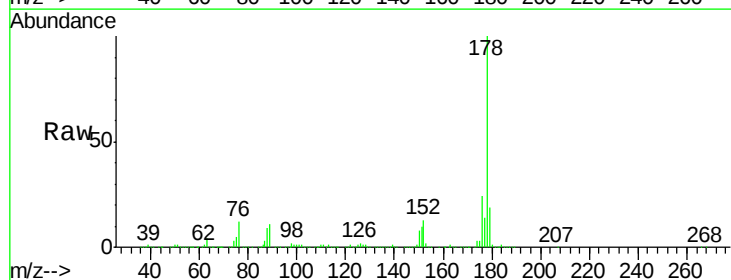
Tgt Ion:178 Resp: 4468077

Ion Ratio Lower Upper

178 100

176 24.4 16.4 24.6

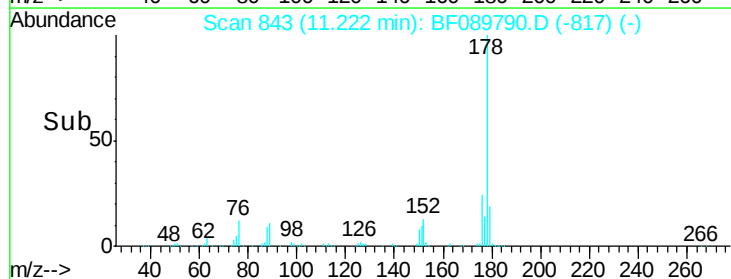
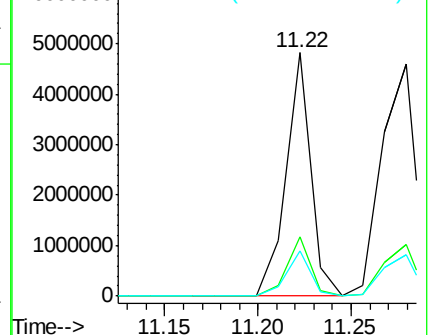
179 18.6 12.5 18.7

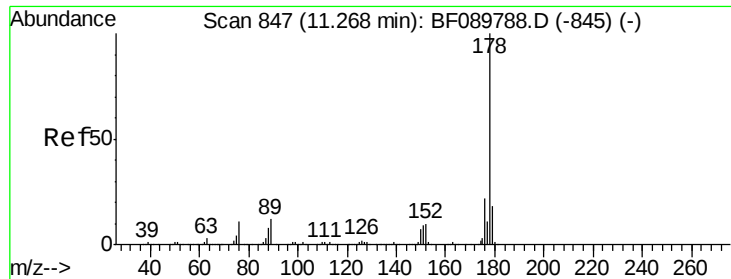


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

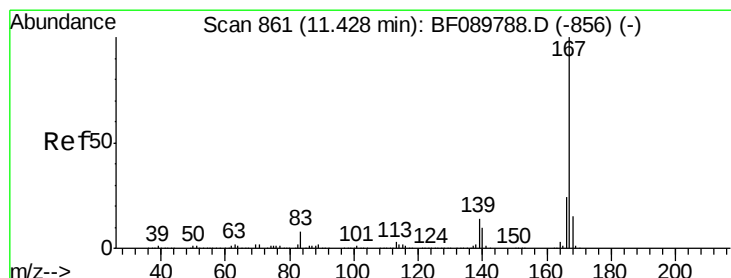
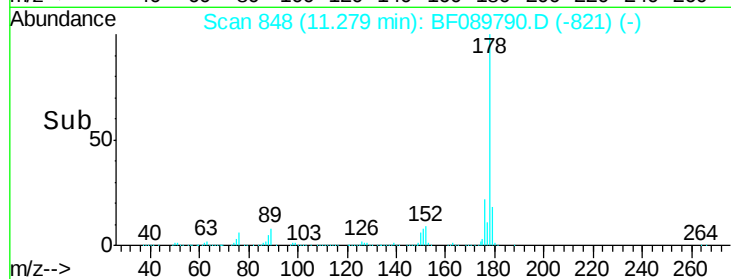
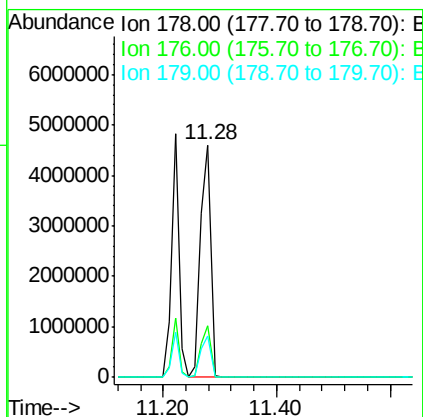
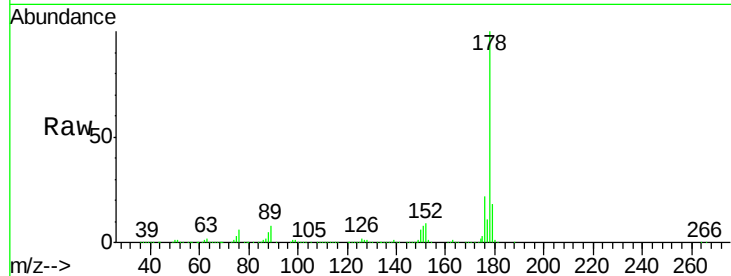




#71
 Anthracene
 Concen: 55.47 ng
 RT: 11.28 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

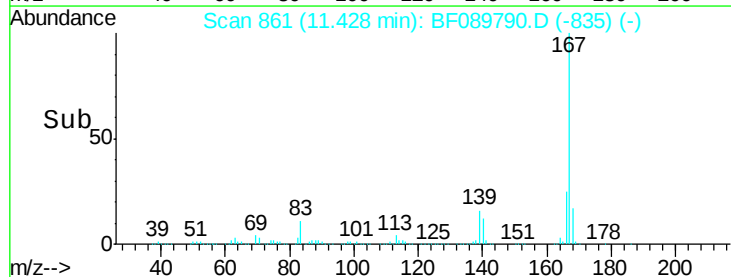
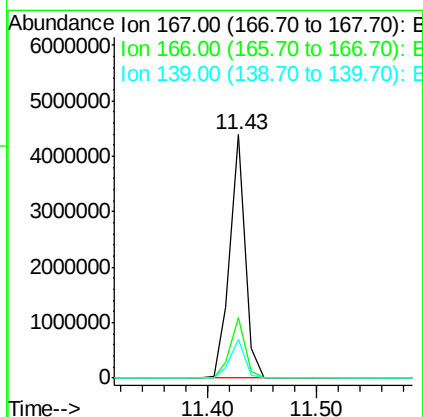
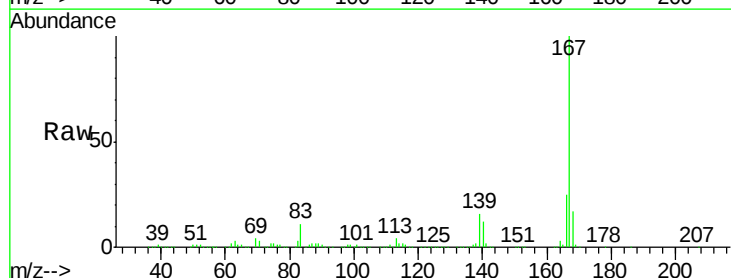
Instrument :
 BNA_F
 ClientSampleId :

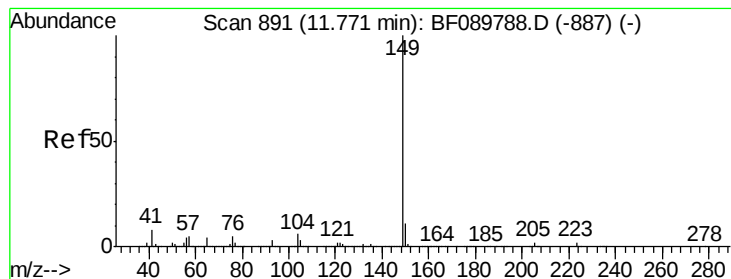
Tot Ion:178 Resp: 5581153
 Ion Ratio Lower Upper
 178 100
 176 22.5 16.4 24.6
 179 17.9 13.1 19.7



#72
 Carbazole
 Concen: 45.07 ng
 RT: 11.43 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion:167 Resp: 4296611
 Ion Ratio Lower Upper
 167 100
 166 25.1 17.9 26.9
 139 15.8 12.4 18.6





#73

Di-n-butylphthalate

Concen: 52.29 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

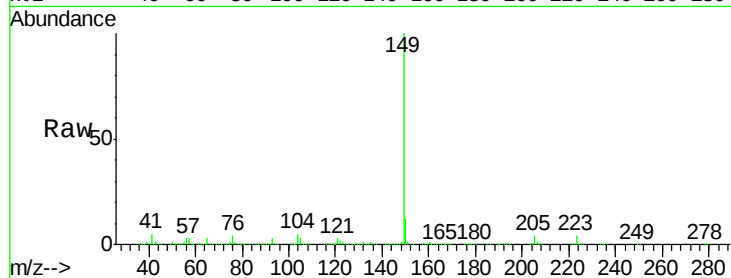
Tot Ion:149 Resp: 6062828

Ion Ratio Lower Upper

149 100

150 11.9 7.9 11.9#

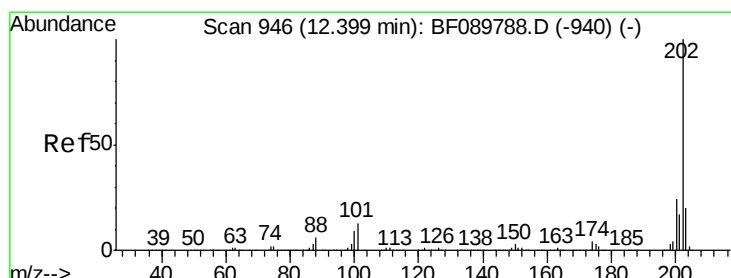
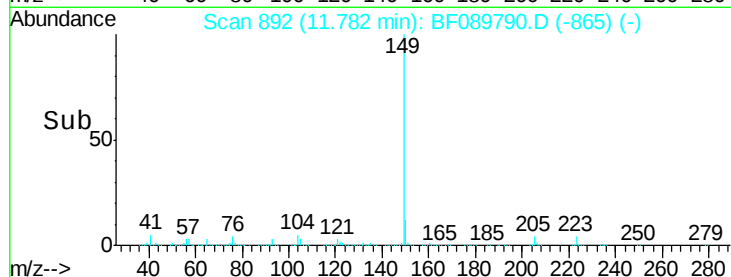
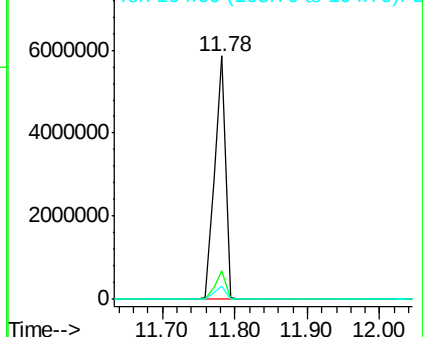
104 5.4 4.3 6.5



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: 48.04 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

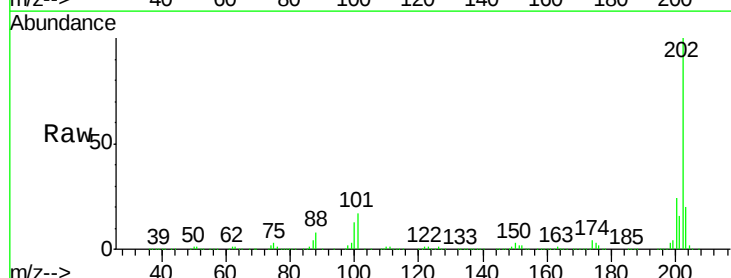
Tgt Ion:202 Resp: 4648390

Ion Ratio Lower Upper

202 100

101 17.1 0.0 31.2

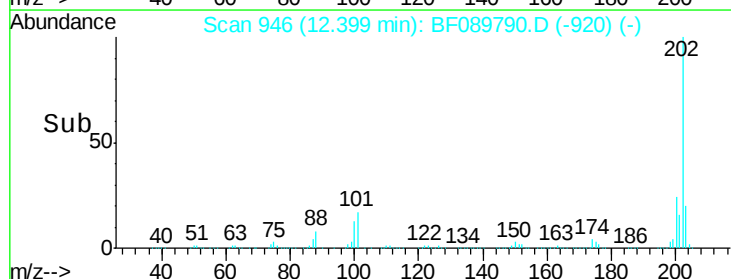
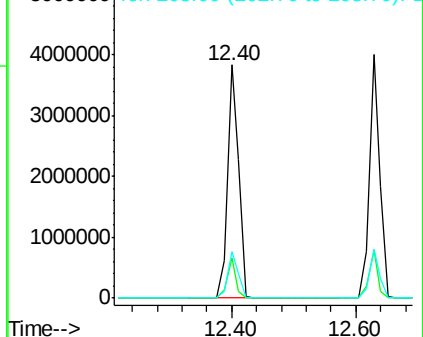
203 20.0 0.0 38.1

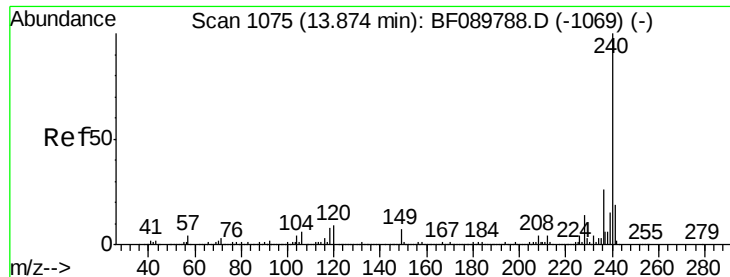


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

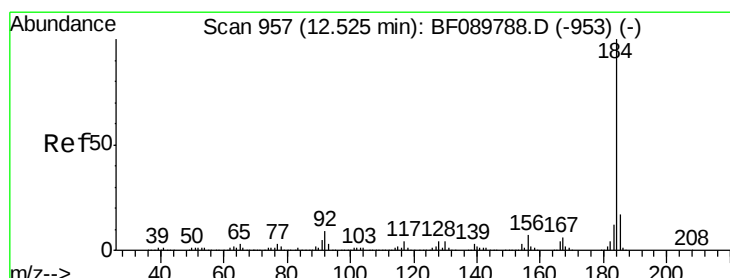
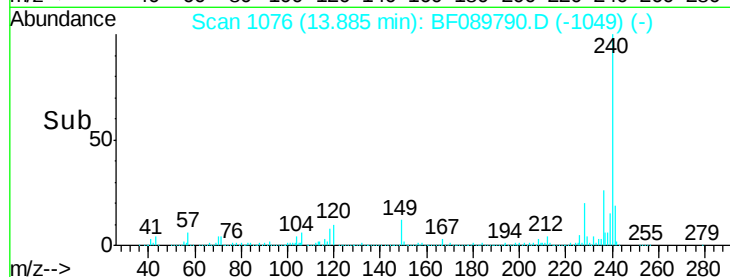
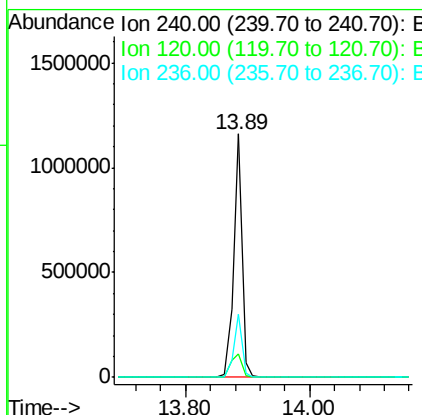
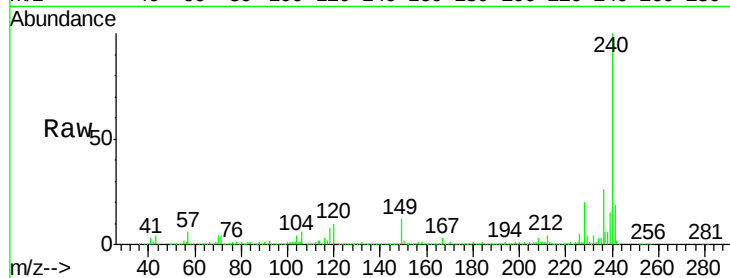




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

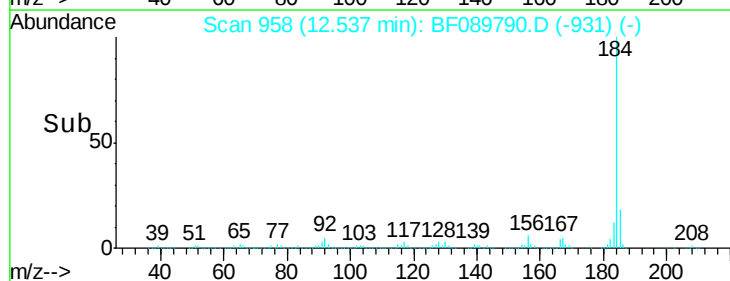
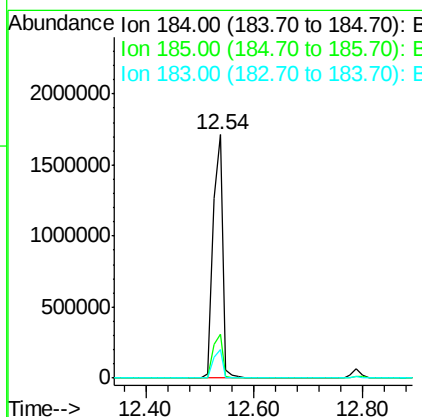
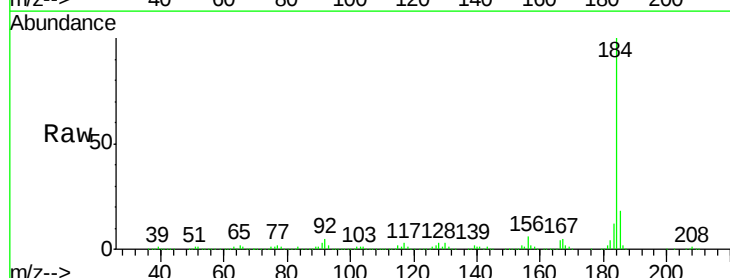
Instrument :
 BNA_F
 ClientSampleId :

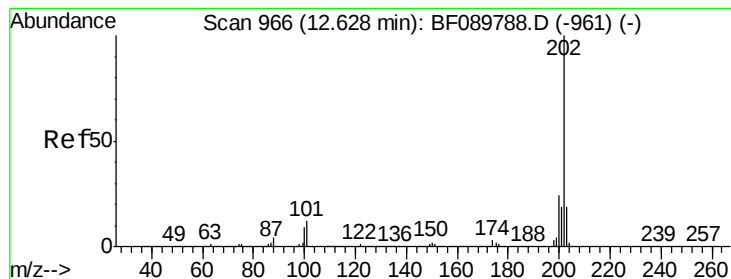
Tot Ion:240 Resp: 1090501
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.3 12.5
 236 26.0 21.3 31.9



#76
 Benzidine
 Concen: 55.04 ng
 RT: 12.54 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion:184 Resp: 2154146
 Ion Ratio Lower Upper
 184 100
 185 18.1 13.8 20.8
 183 11.5 9.7 14.5





#77

Pvrene

Concen: 63.90 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

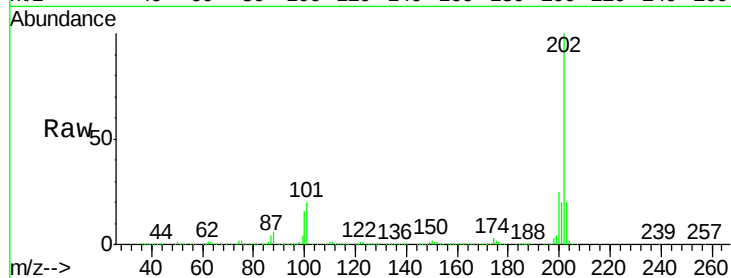
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 4560176

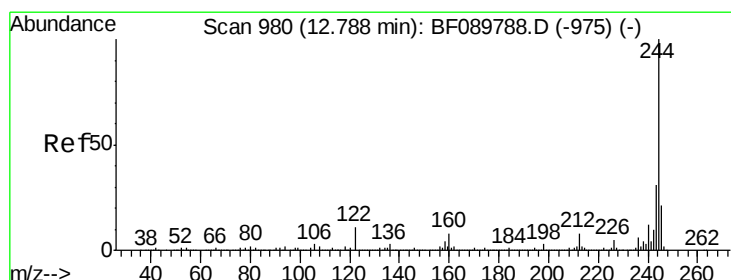
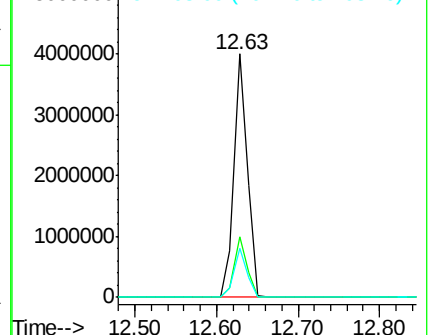
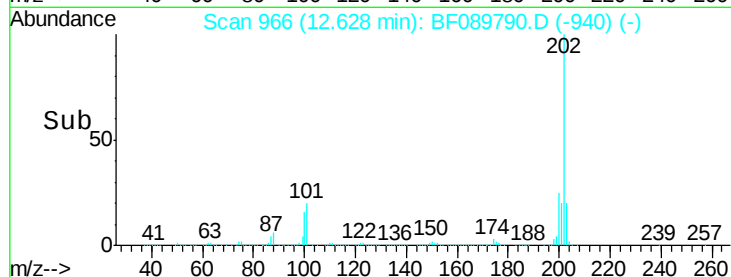
Ion	Ratio	Lower	Upper
202	100		
200	24.9	17.8	26.6
203	20.0	14.2	21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 134.55 ng

RT: 12.79 min Scan# 980

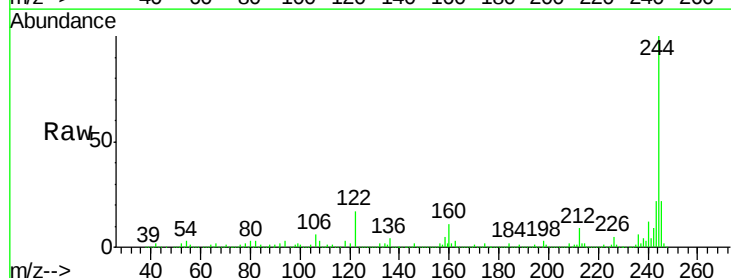
Delta R.T. 0.00 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion:244 Resp: 4911482

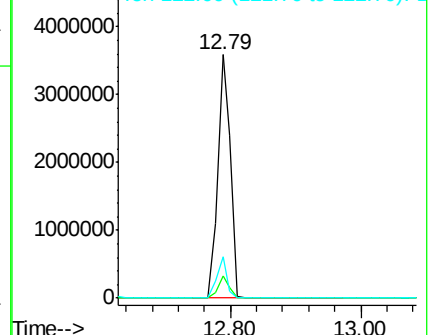
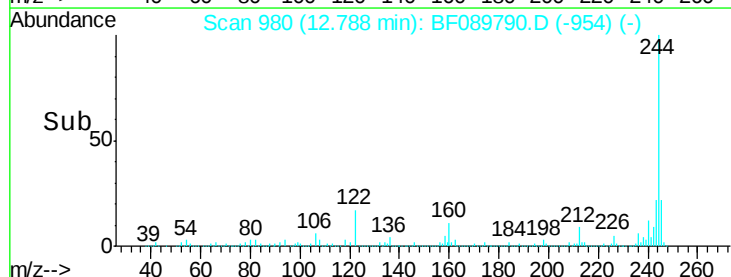
Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.3	9.5
122	17.0	12.0	18.0

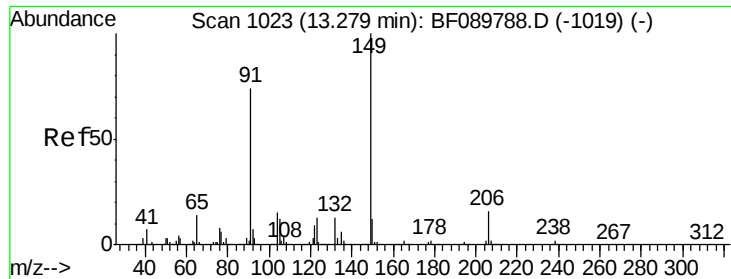


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

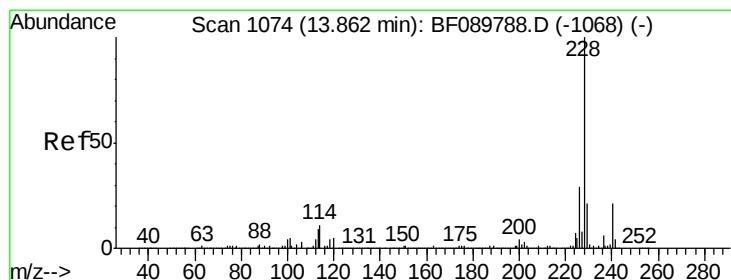
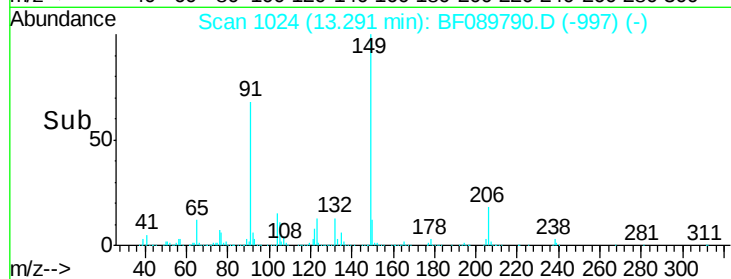
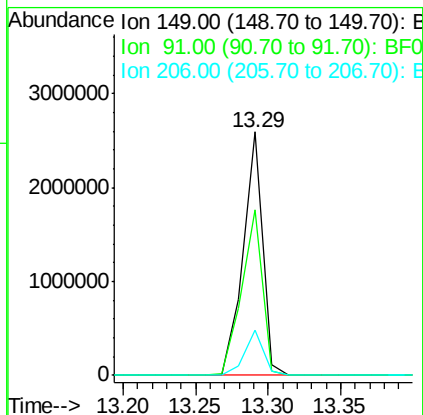
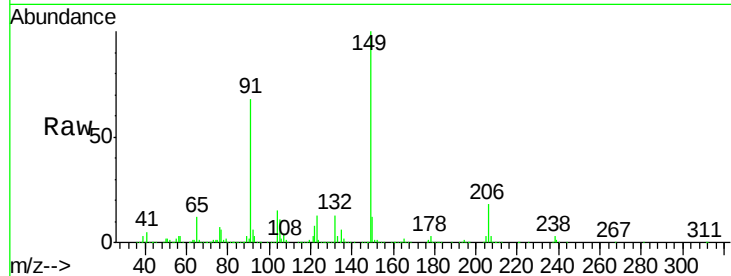




#79
Butylbenzylphthalate
Concen: 67.69 ng
RT: 13.29 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

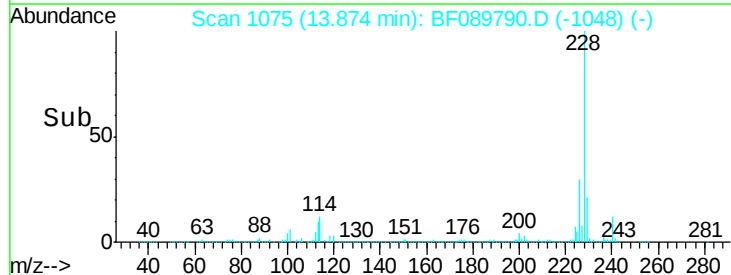
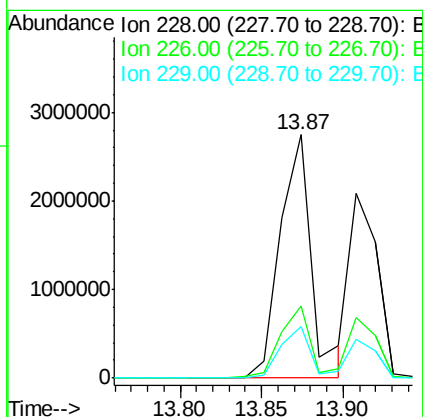
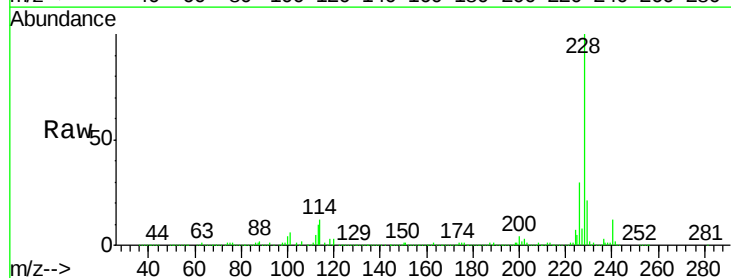
Instrument :
BNA_F
ClientSampleId :

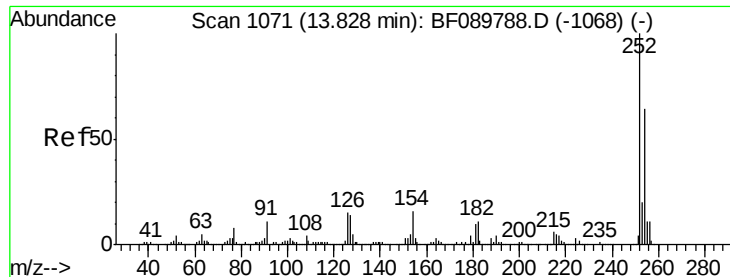
Tot Ion:149 Resp: 2423396
Ion Ratio Lower Upper
149 100
91 68.1 50.7 76.1
206 18.4 15.5 23.3



#80
Benzo(a)anthracene
Concen: 58.04 ng
RT: 13.87 min Scan# 1075
Delta R.T. 0.01 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:228 Resp: 3677522
Ion Ratio Lower Upper
228 100
226 29.7 23.2 34.8
229 21.0 16.2 24.4

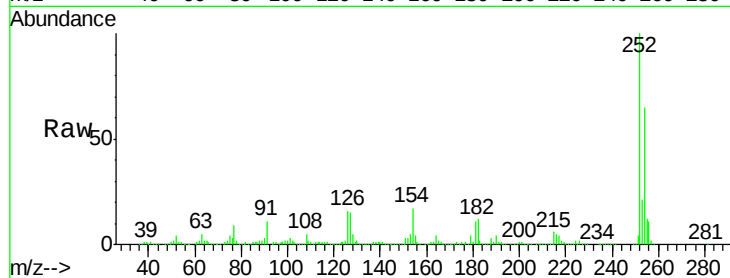




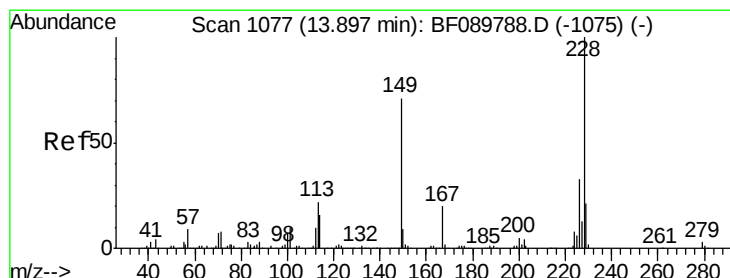
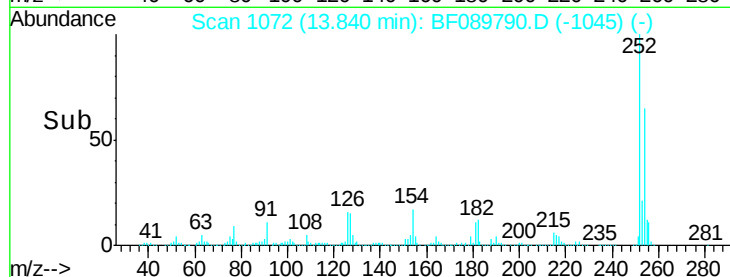
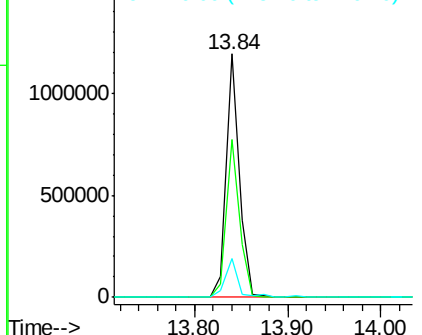
#81
 3,3'-Dichlorobenzidine
 Concen: 50.65 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 1169312
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.6 75.8
 126 16.2 12.6 18.8

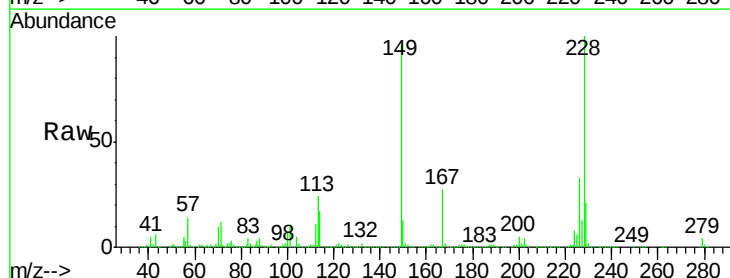


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

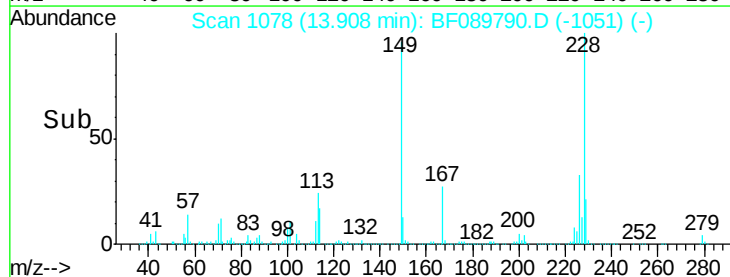
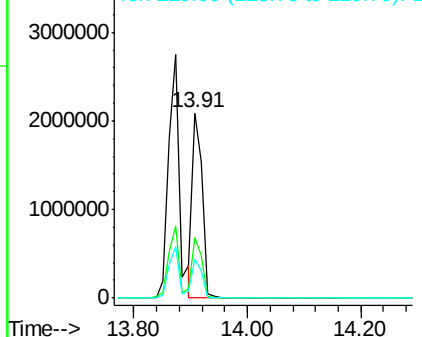


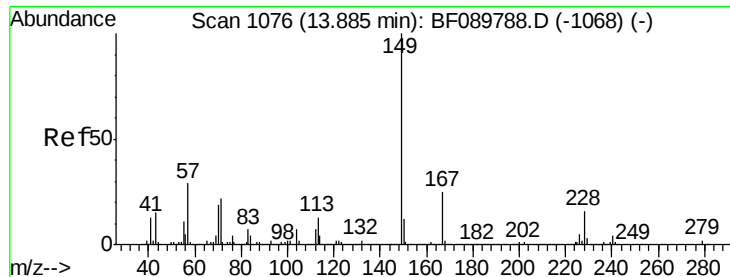
#82
 Chrysene
 Concen: 45.06 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: BF089790.D
 Acq: 19 Aug 2016 12:08

Tgt Ion:228 Resp: 2569149
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.4 38.0
 229 21.0 16.5 24.7



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 65.43 ng

RT: 13.90 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

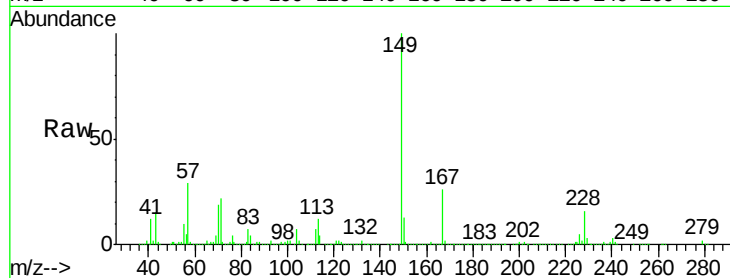
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 3099820

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.2	31.8
279	2.1	2.9	4.3#

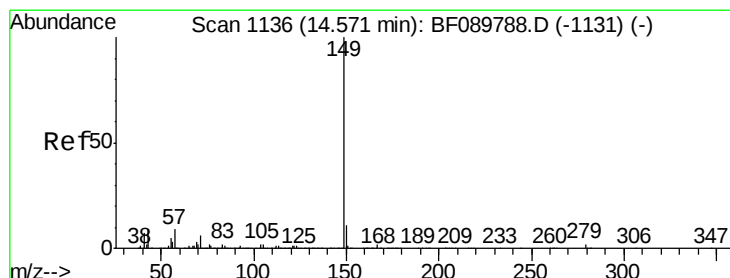
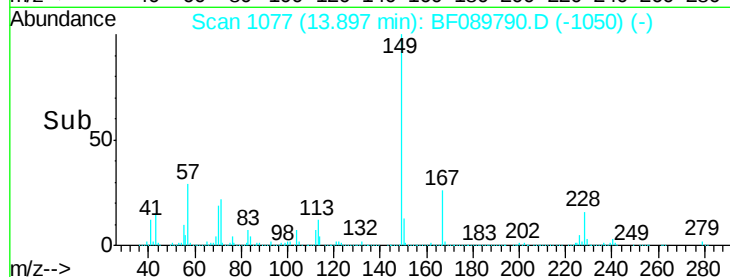
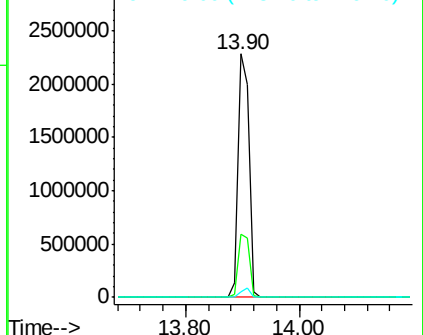


Abundance

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: 60.33 ng

RT: 14.59 min Scan# 1138

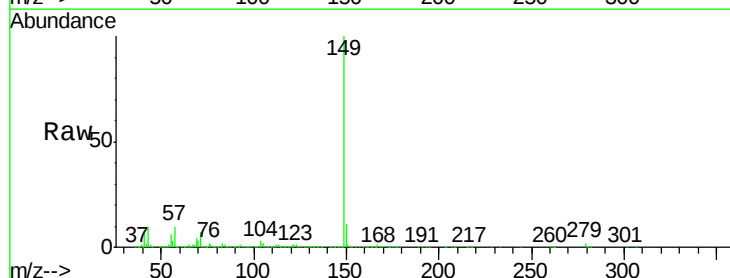
Delta R.T. 0.02 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Tgt Ion:149 Resp: 4442458

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.3	8.4	12.6#

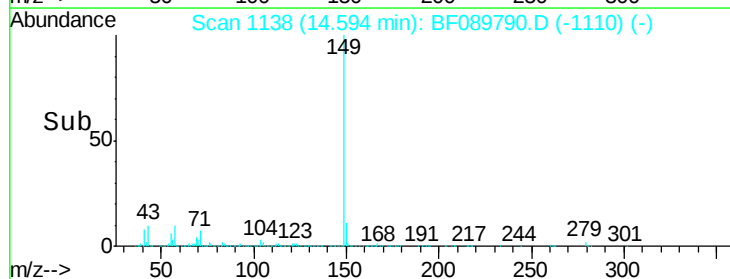
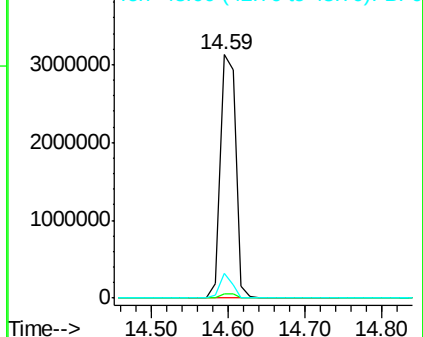


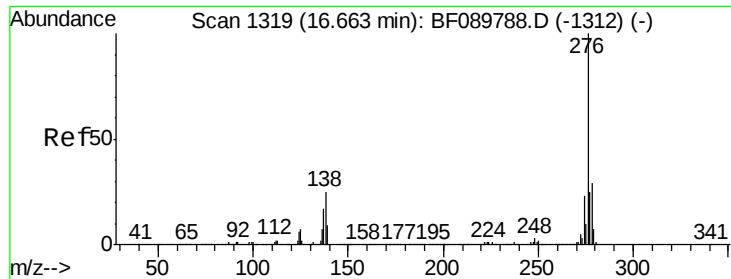
Abundance

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

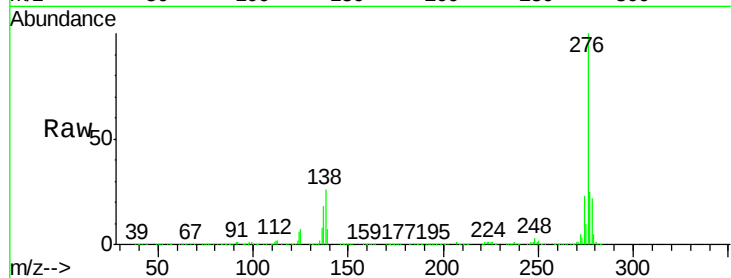




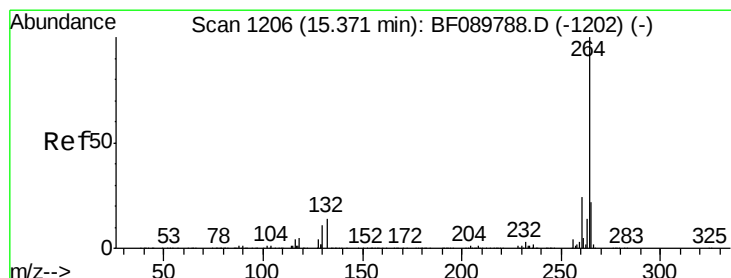
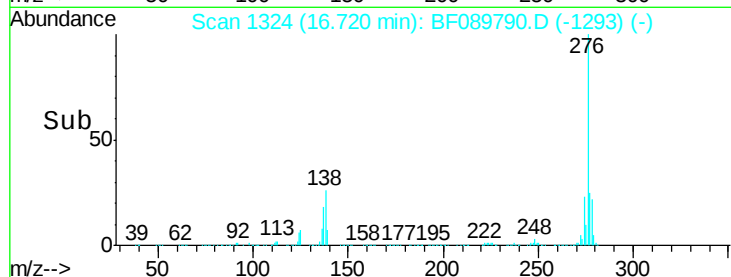
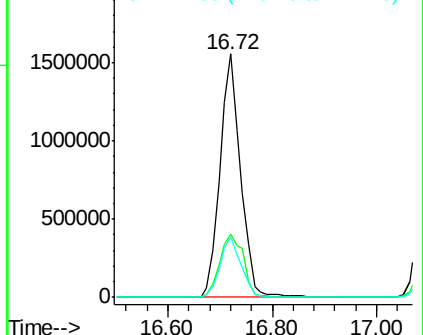
#85
Indeno(1,2,3-cd)pyrene
Concen: 87.55 ng
RT: 16.72 min Scan# 1324
Delta R.T. 0.06 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:276 Resp: 4253142
Ion Ratio Lower Upper
276 100
138 30.2 24.6 36.8
277 25.6 20.4 30.6

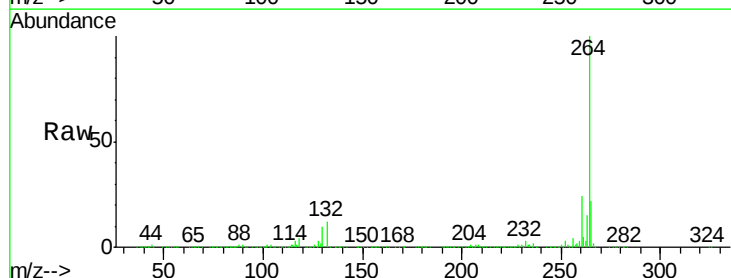


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

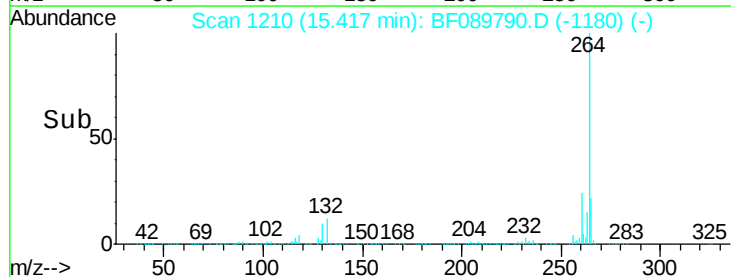
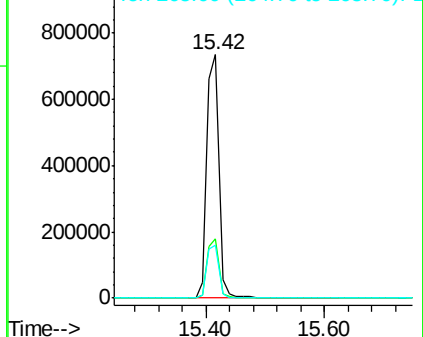


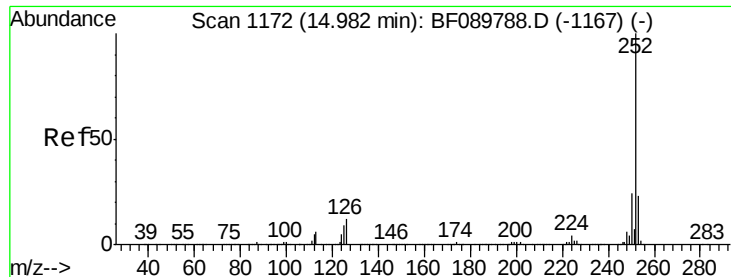
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1210
Delta R.T. 0.05 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:264 Resp: 1054567
Ion Ratio Lower Upper
264 100
260 24.4 20.2 30.2
265 21.7 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.29 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

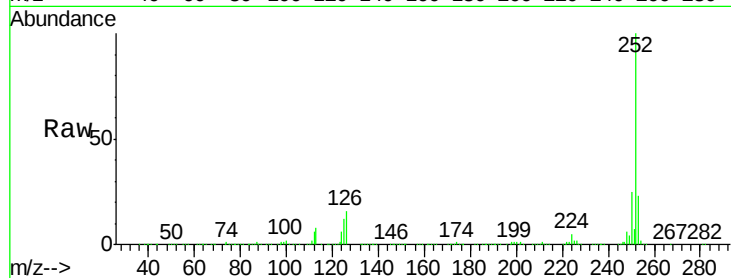
Tot Ion:252 Resp: 3159767

Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.8

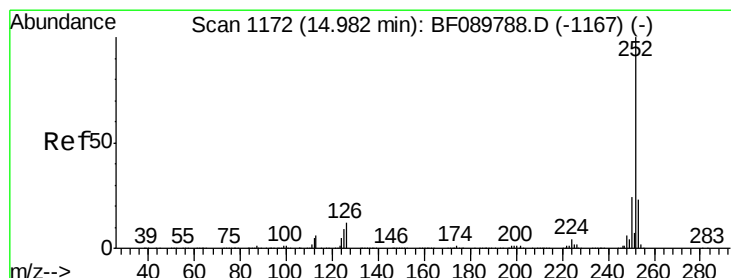
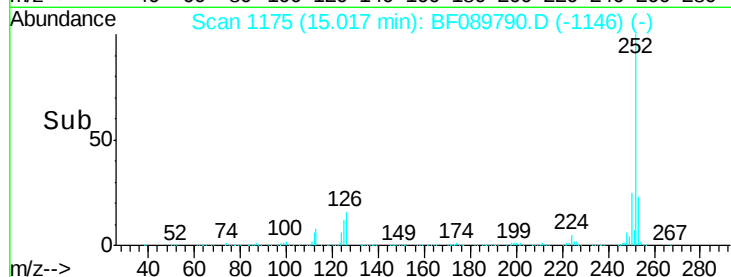
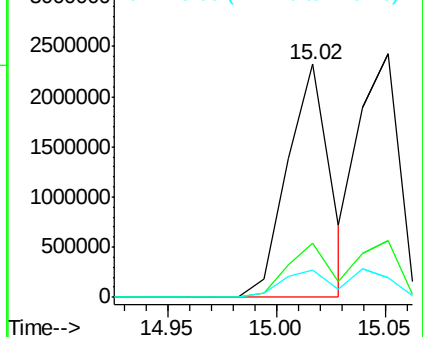
125 11.8 11.4 17.2



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: 57.45 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

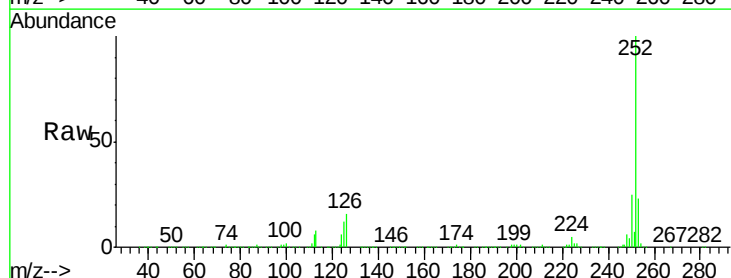
Tgt Ion:252 Resp: 3159767

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

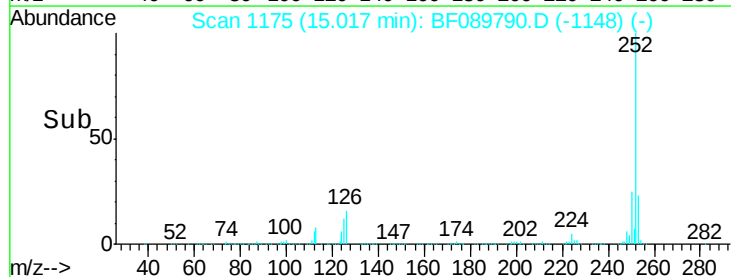
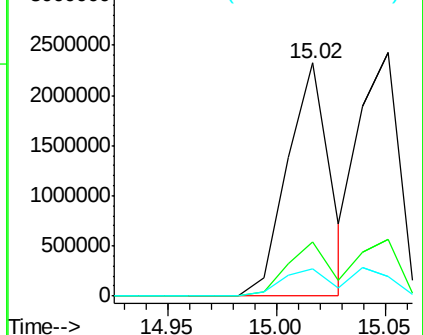
125 11.8 9.8 14.6

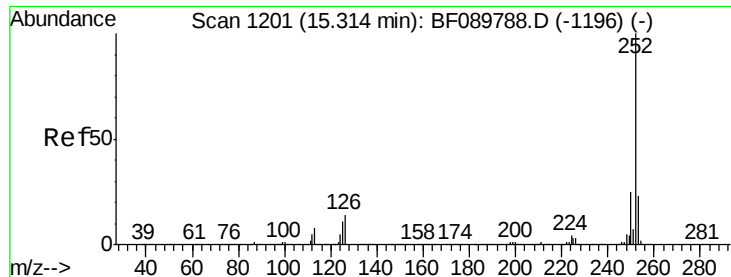


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

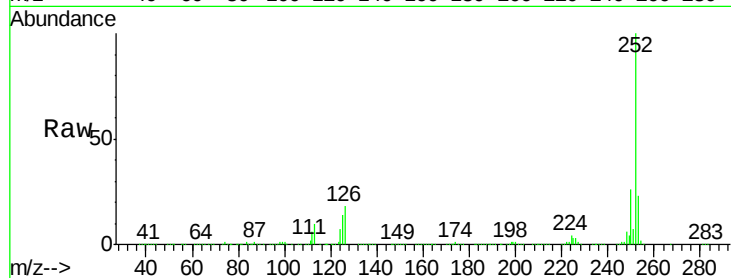




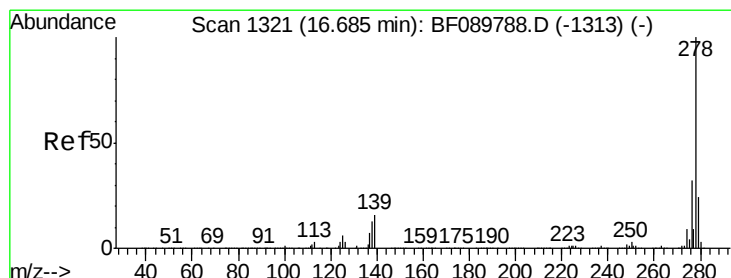
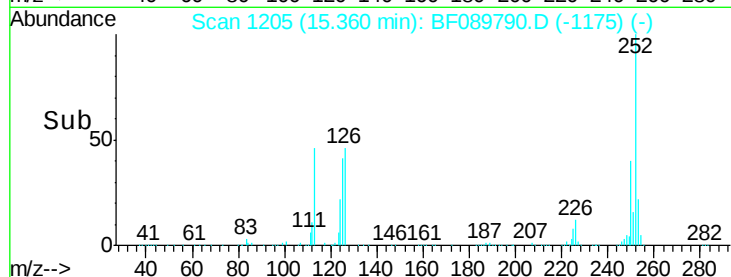
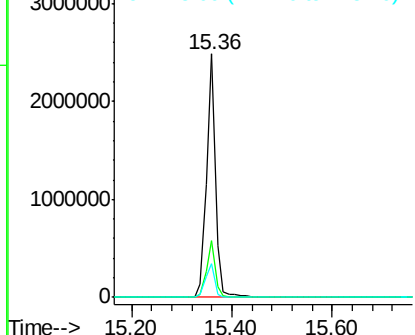
#89
Benzo(a)pyrene
Concen: 55.81 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.05 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 3078834
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 13.8 11.7 17.5

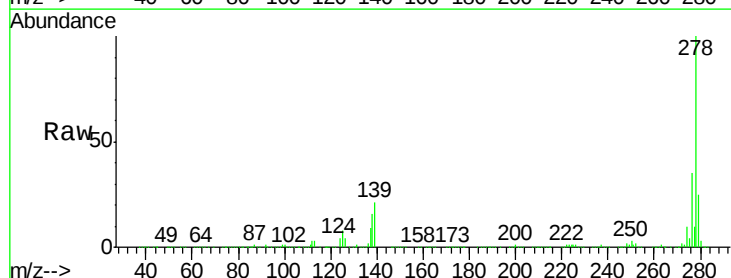


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

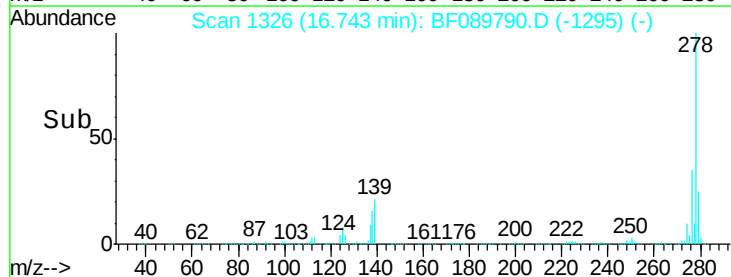
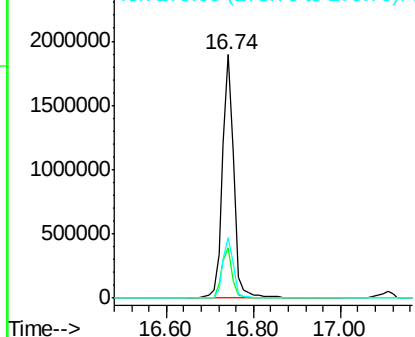


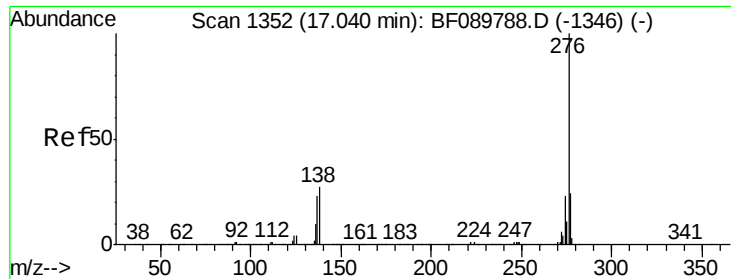
#90
Dibenzo(a,h)anthracene
Concen: 80.05 ng
RT: 16.74 min Scan# 1326
Delta R.T. 0.06 min
Lab File: BF089790.D
Acq: 19 Aug 2016 12:08

Tgt Ion:278 Resp: 3477220
Ion Ratio Lower Upper
278 100
139 20.8 14.9 22.3
279 24.9 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: 83.40 ng

RT: 17.11 min Scan# 1358

Delta R.T. 0.07 min

Lab File: BF089790.D

Acq: 19 Aug 2016 12:08

Instrument :

BNA_F

ClientSampleId :

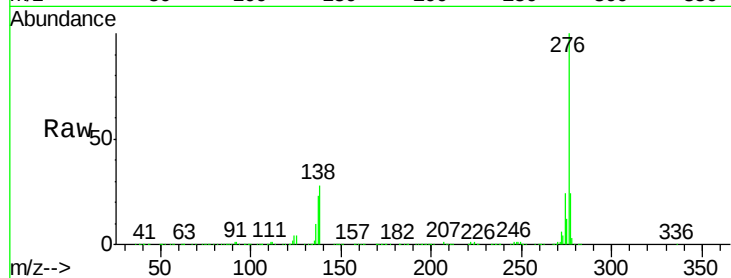
Tot Ion:276 Resp: 3687069

Ion Ratio Lower Upper

276 100

277 24.4 19.2 28.8

138 27.9 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

