

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

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

Quant Time: Aug 25 12:18:23 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 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	409033	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1645721	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	788148	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	1420523	20.00	ng	0.00
75) Chrysene-d12	13.84	240	1043361	20.00	ng	-0.03
86) Perylene-d12	15.31	264	910283	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	2856219	119.75	ng	-0.01
7) Phenol-d6	6.31	99	3199601	109.28	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1893144	71.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	801700	107.03	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3678568	82.03	ng	-0.01
78) Terphenyl-d14	12.78	244	3132809	67.93	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	386917	32.78	ng	95
3) Pyridine	2.83	79	1165020	37.63	ng	91
4) n-Nitrosodimethylamine	2.79	42	437755	37.98	ng	# 85
6) Aniline	6.33	93	1143292	29.11	ng	99
8) 2-Chlorophenol	6.44	128	1043866	36.60	ng	99
9) Benzaldehyde	6.20	77	240264	12.60	ng	87
10) Phenol	6.32	94	1197494	34.90	ng	99
11) bis(2-Chloroethyl)ether	6.41	93	1069142	40.18	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1121541	37.61	ng	98
13) 1,4-Dichlorobenzene	6.68	146	1185151	38.66	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1056110	36.91	ng	98
15) Benzyl Alcohol	6.81	79	822730	42.37	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1139563	33.46	ng	93
17) 2-Methylphenol	6.94	107	939662	42.06	ng	95
18) Hexachloroethane	7.19	117	419295	38.35	ng	90
19) n-Nitroso-di-n-propylamine	7.10	70	761488	40.67	ng	# 88
20) 3+4-Methylphenols	7.08	107	1122332	40.97	ng	94
22) Acetophenone	7.08	105	1314575	34.79	ng	# 90
24) Nitrobenzene	7.26	77	1198486	40.32	ng	91
25) Isophorone	7.50	82	1974779	36.96	ng	96
26) 2-Nitrophenol	7.58	139	597699	40.31	ng	98
27) 2,4-Dimethylphenol	7.62	122	1086572	40.66	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	1186062	35.88	ng	98
29) 2,4-Dichlorophenol	7.82	162	949376	42.34	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	906908	36.56	ng	99
31) Naphthalene	7.98	128	2965251	38.55	ng	99
32) Benzoic acid	7.74	122	532098	25.55	ng	97
33) 4-Chloroaniline	8.02	127	564627	16.94	ng	# 86
34) Hexachlorobutadiene	8.10	225	480402	36.98	ng	99
35) Caprolactam	8.40	113	280872	41.13	ng	# 80
36) 4-Chloro-3-methylphenol	8.51	107	928512	38.23	ng	90
37) 2-Methylnaphthalene	8.67	142	2075832	41.72	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	670854	26.29	ng	99
40) Hexachlorocyclopentadiene	8.83	237	850548	95.99	ng	97

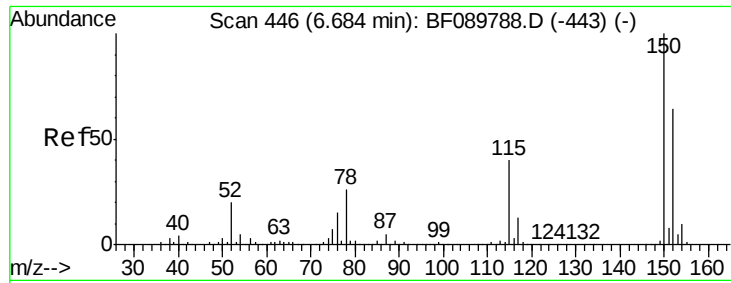
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	631651	39.34	ng	100
43) 2,4,5-Trichlorophenol	8.99	196	632562	39.61	ng	# 93
45) 1,1'-Biphenyl	9.13	154	2068188	33.91	ng	99
46) 2-Chloronaphthalene	9.15	162	1786734	37.06	ng	98
47) 2-Nitroaniline	9.26	65	613622	44.62	ng	# 64
48) Acenaphthylene	9.56	152	2850808	39.35	ng	99
49) Dimethylphthalate	9.45	163	2172944	39.16	ng	# 98
50) 2,6-Dinitrotoluene	9.50	165	461198	36.00	ng	87
51) Acenaphthene	9.74	154	1991746	41.54	ng	99
52) 3-Nitroaniline	9.66	138	343835	24.22	ng	97
53) 2,4-Dinitrophenol	9.77	184	456106	65.66	ng	# 78
54) Dibenzofuran	9.91	168	2604258	43.24	ng	98
55) 4-Nitrophenol	9.83	139	773000	66.72	ng	90
56) 2,4-Dinitrotoluene	9.90	165	602994	36.27	ng	# 64
57) Fluorene	10.25	166	1724218	35.93	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	550372	47.35	ng	97
59) Diethylphthalate	10.15	149	2228472	39.53	ng	98
60) 4-Chlorophenyl-phenylether	10.25	204	777671	35.52	ng	95
61) 4-Nitroaniline	10.27	138	480472	36.10	ng	95
62) Azobenzene	10.41	77	2141606	40.41	ng	95
64) 4,6-Dinitro-2-methylphenol	10.31	198	287666	35.24	ng	# 58
65) n-Nitrosodiphenylamine	10.38	169	1857356	41.58	ng	100
66) 4-Bromophenyl-phenylether	10.74	248	580043	38.95	ng	# 89
67) Hexachlorobenzene	10.80	284	619348	36.45	ng	# 87
68) Atrazine	10.90	200	486543	35.57	ng	97
69) Pentachlorophenol	10.99	266	662465	68.79	ng	97
70) Phenanthrene	11.21	178	2966461	41.35	ng	97
71) Anthracene	11.26	178	2699943	37.02	ng	99
72) Carbazole	11.42	167	2723684	41.64	ng	97
73) Di-n-butylphthalate	11.77	149	3346838	40.89	ng	# 98
74) Fluoranthene	12.39	202	2671296	39.14	ng	94
76) Benzidine	12.51	184	1151668	34.11	ng	97
77) Pyrene	12.62	202	2846865	33.51	ng	97
79) Butylbenzylphthalate	13.27	149	1575622	41.06	ng	93
80) Benzo(a)anthracene	13.83	228	2476214	41.44	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	644010	32.88	ng	# 96
82) Chrysene	13.87	228	2201057	42.97	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	2059673	38.96	ng	97
84) Di-n-octyl phthalate	14.53	149	3473434	49.45	ng	# 93
85) Indeno(1,2,3-cd)pyrene	16.61	276	2032387	31.10	ng	99
87) Benzo(b)fluoranthene	14.94	252	2359067	47.11	ng	# 95
88) Benzo(k)fluoranthene	14.94	252	2359067	51.92	ng	# 96
89) Benzo(a)pyrene	15.26	252	1904059	40.17	ng	99
90) Dibenzo(a,h)anthracene	16.63	278	1684446	32.74	ng	97
91) Benzo(g,h,i)perylene	16.98	276	1715358	31.66	ng	100

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

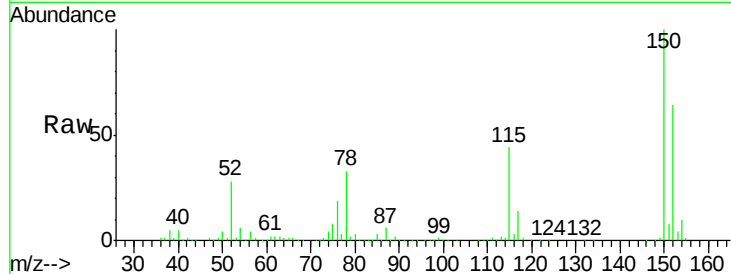


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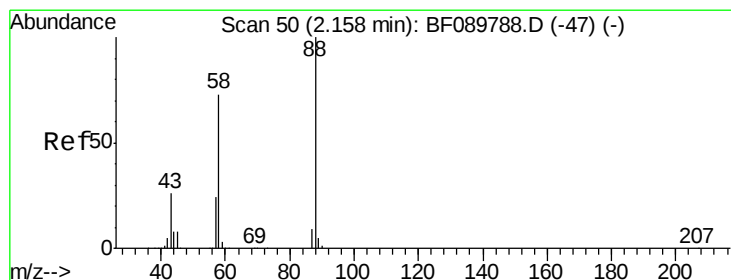
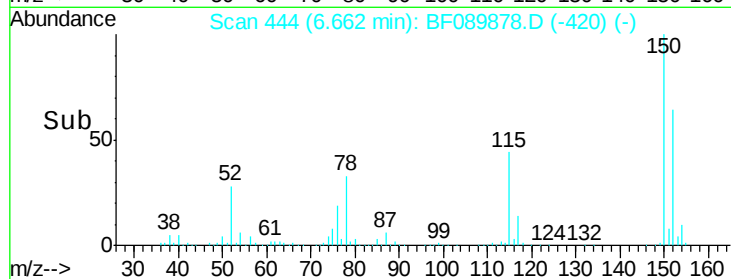
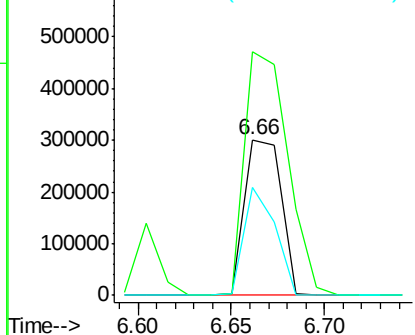
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :
PB93061BS

Tgt Ion:152 Resp: 409033
Ion Ratio Lower Upper
152 100
150 156.4 125.3 187.9
115 69.1 40.9 61.3#



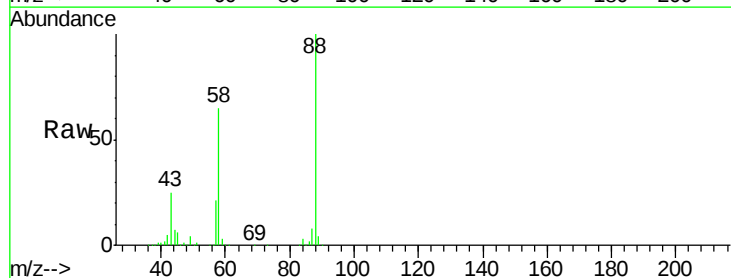
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



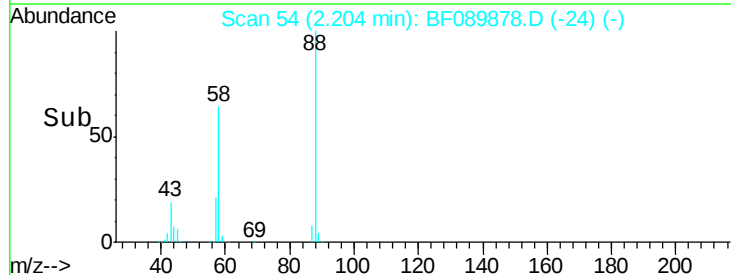
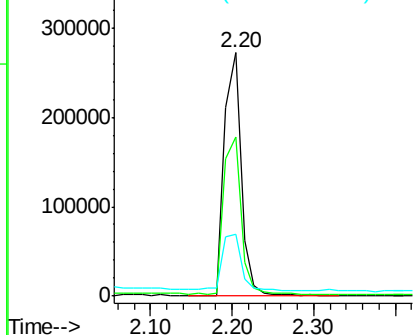
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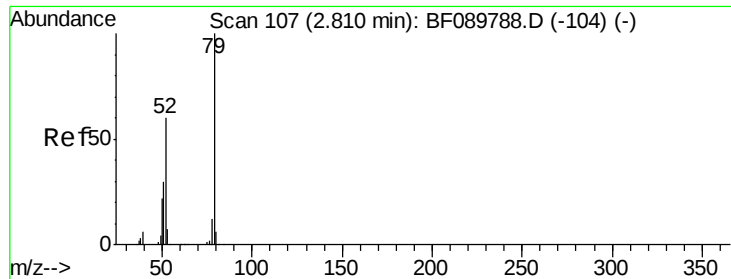
1,4-Dioxane
Concen: 32.78 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.05 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion: 88 Resp: 386917
Ion Ratio Lower Upper
88 100
58 66.7 57.0 85.4
43 25.5 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 37.63 ng

RT: 2.83 min Scan# 109

Delta R.T. 0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

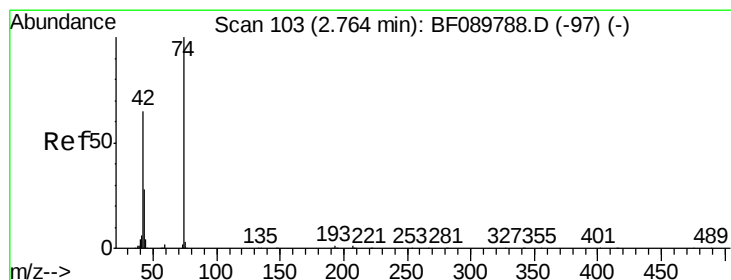
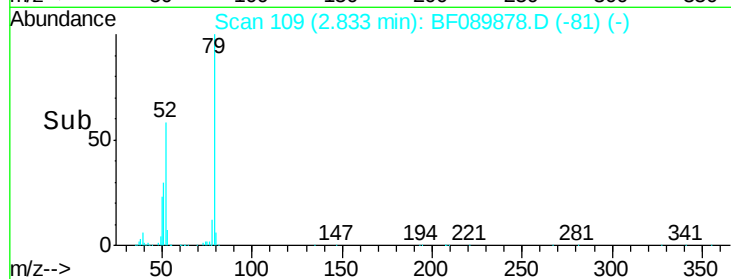
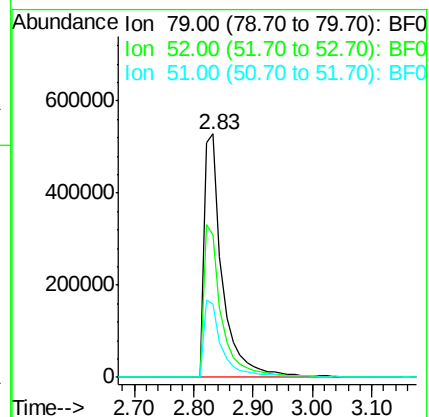
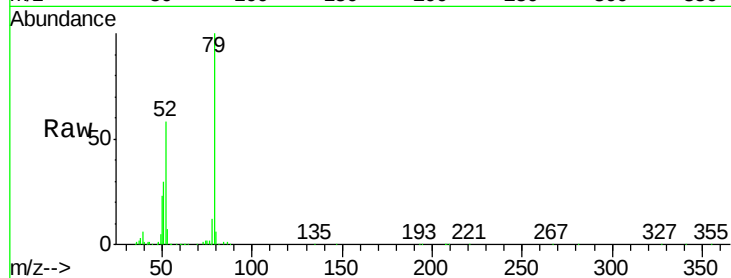
Tgt Ion: 79 Resp: 1165020

Ion Ratio Lower Upper

79 100

52 58.4 53.6 80.4

51 30.3 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 37.98 ng

RT: 2.79 min Scan# 105

Delta R.T. 0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

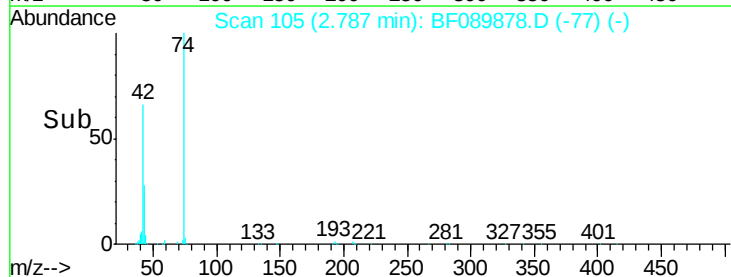
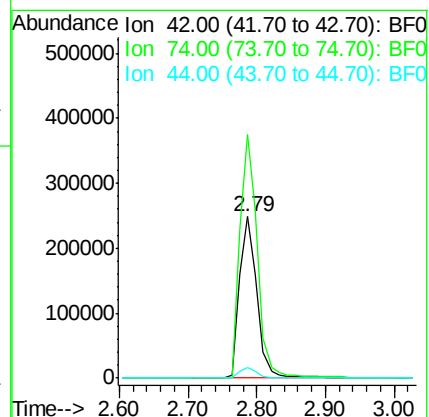
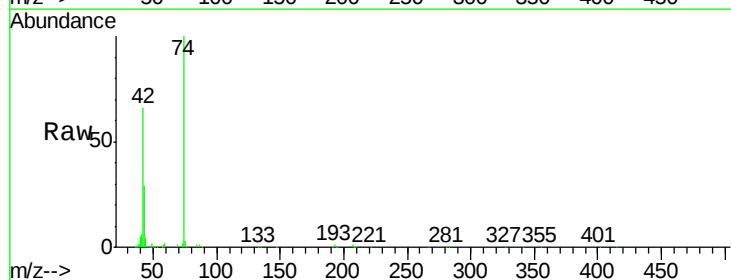
Tgt Ion: 42 Resp: 437755

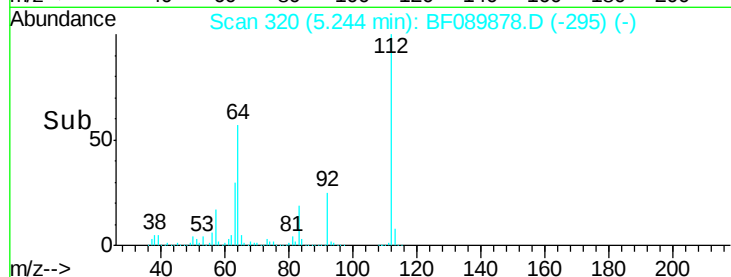
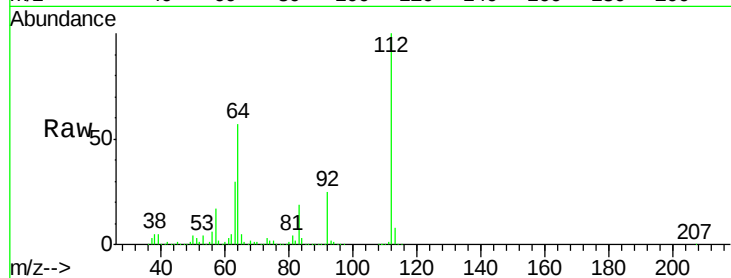
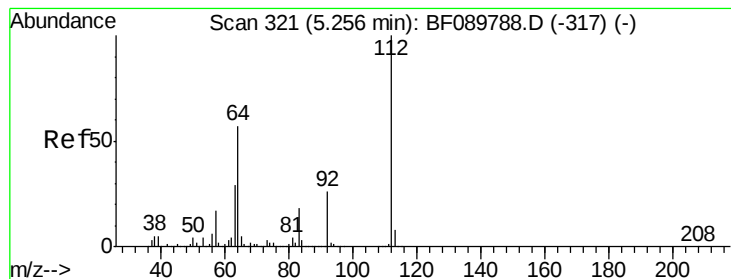
Ion Ratio Lower Upper

42 100

74 150.9 106.2 159.2

44 6.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 119.75 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

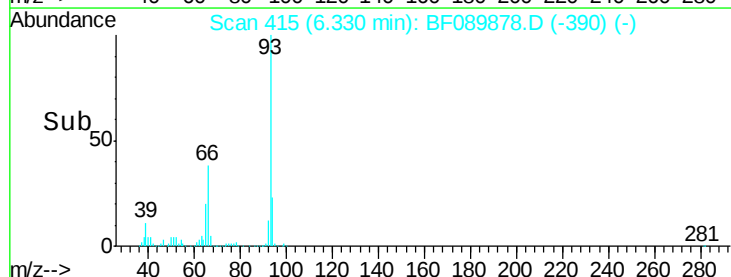
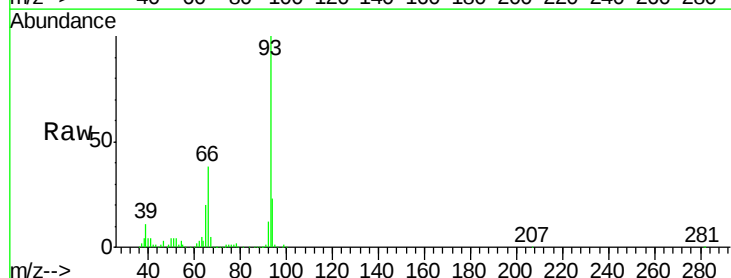
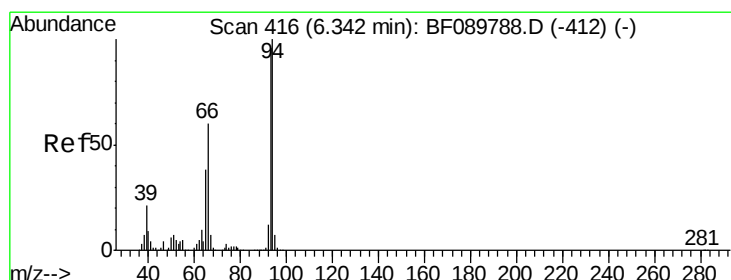
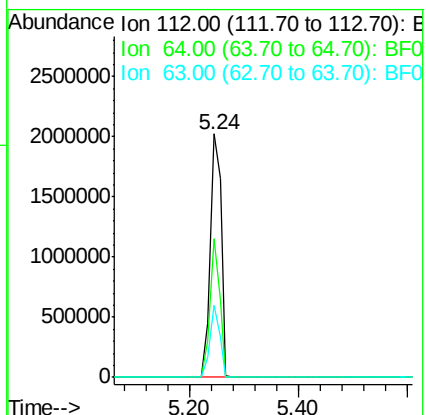
Tgt Ion:112 Resp: 2856219

Ion Ratio Lower Upper

112 100

64 56.8 45.0 67.4

63 29.7 23.1 34.7



#6

Aniline

Concen: 29.11 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

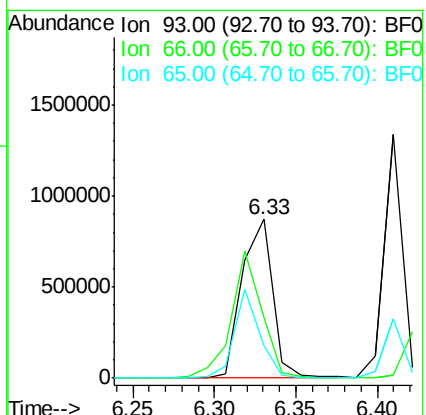
Tgt Ion: 93 Resp: 1143292

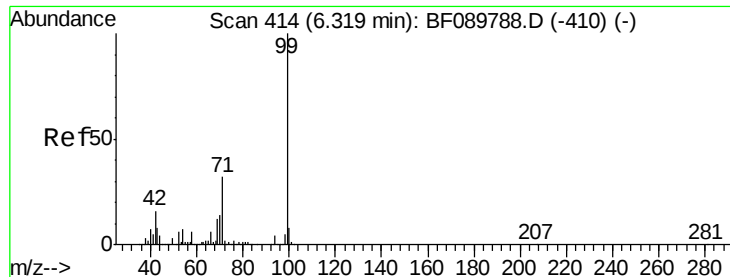
Ion Ratio Lower Upper

93 100

66 38.2 30.6 46.0

65 20.4 15.4 23.2





#7

Phenol-d6

Concen: 109.28 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

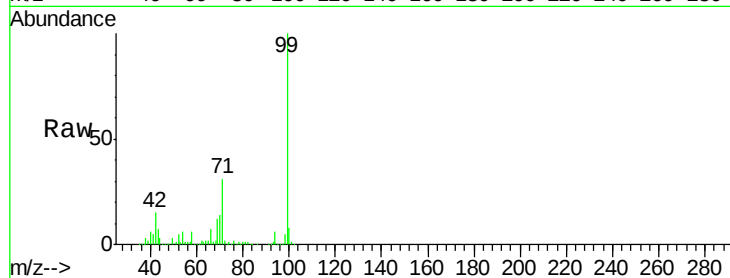
Tgt Ion: 99 Resp: 3199601

Ion Ratio Lower Upper

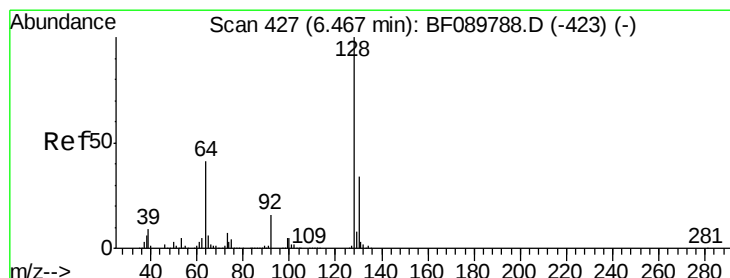
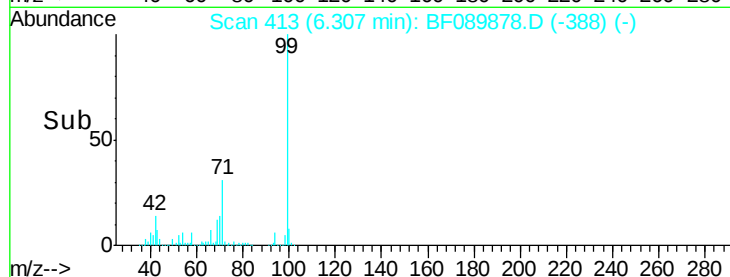
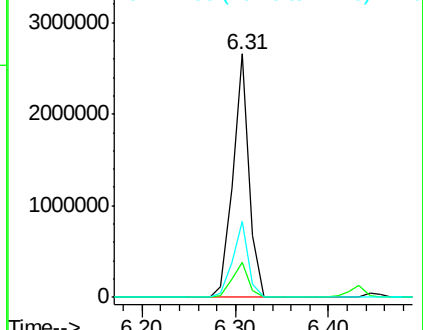
99 100

42 14.5 12.2 18.4

71 31.2 23.8 35.8



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



#8

2-Chlorophenol

Concen: 36.60 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

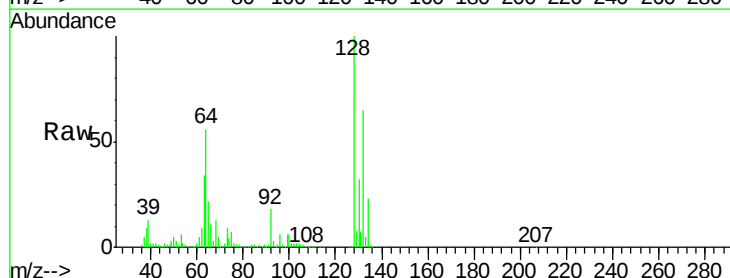
Tgt Ion: 128 Resp: 1043866

Ion Ratio Lower Upper

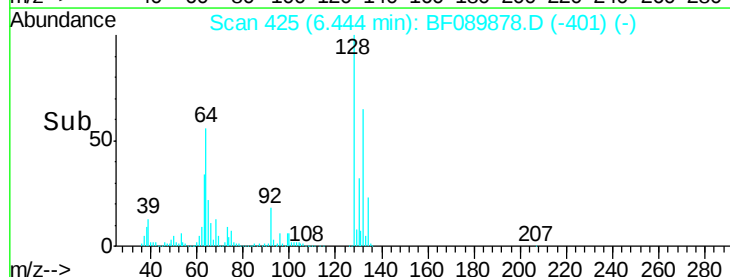
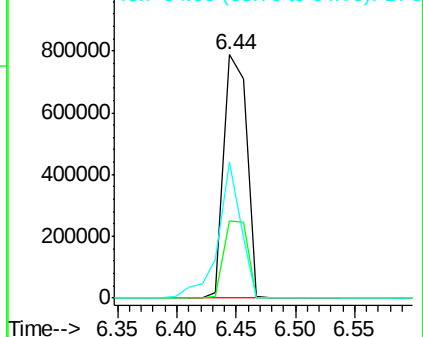
128 100

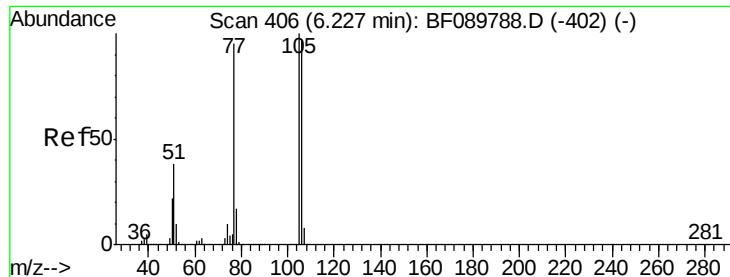
130 31.9 12.0 52.0

64 56.1 35.1 75.1



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





#9

Benzaldehyde

Concen: 12.60 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

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PB93061BS

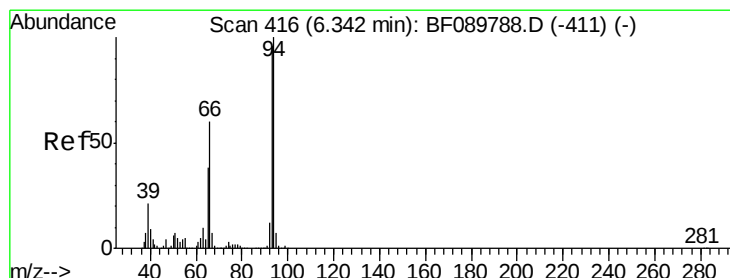
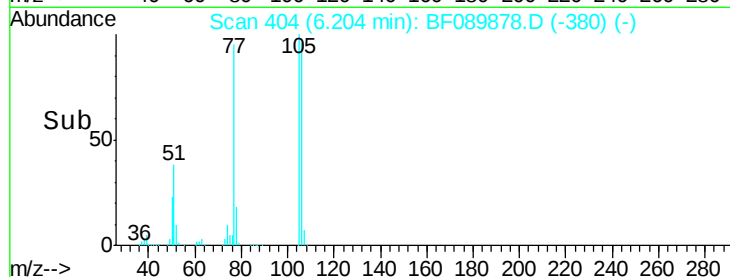
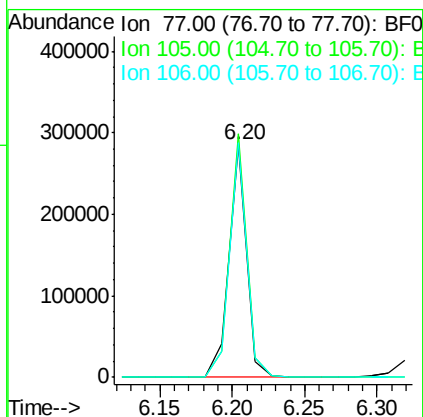
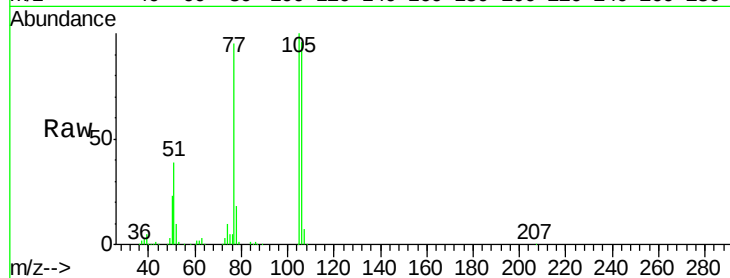
Tgt Ion: 77 Resp: 240264

Ion Ratio Lower Upper

77 100

105 104.8 73.3 113.3

106 100.9 68.6 108.6



#10

Phenol

Concen: 34.90 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

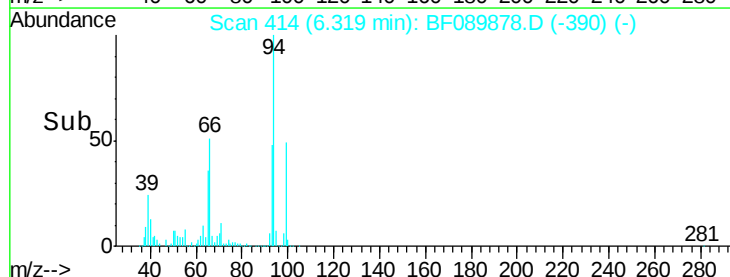
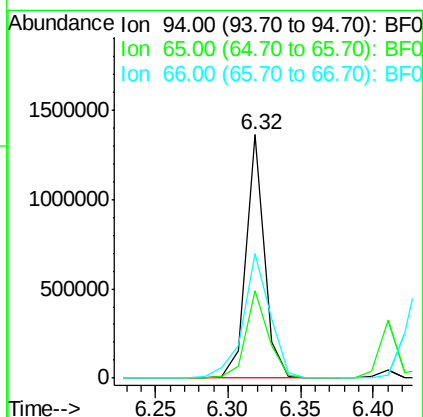
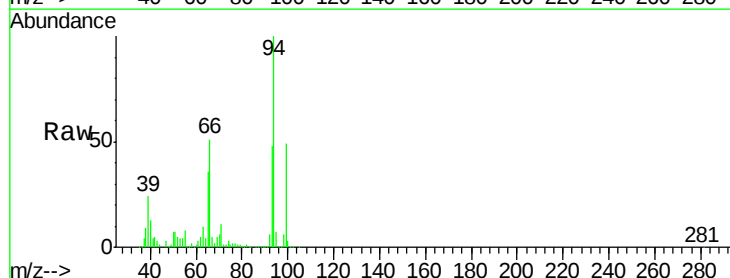
Tgt Ion: 94 Resp: 1197494

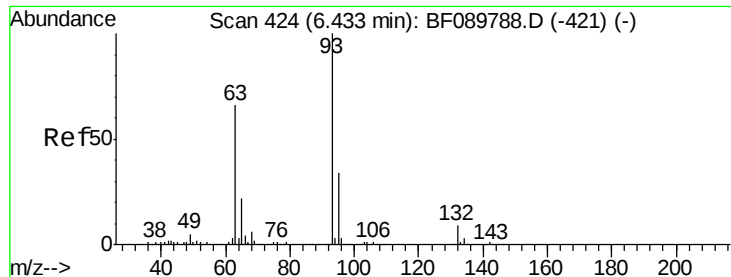
Ion Ratio Lower Upper

94 100

65 35.8 14.0 54.0

66 51.4 31.2 71.2

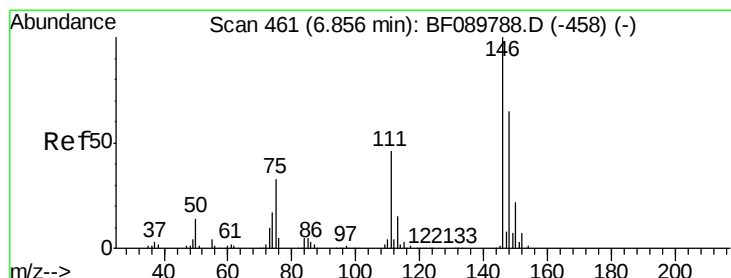
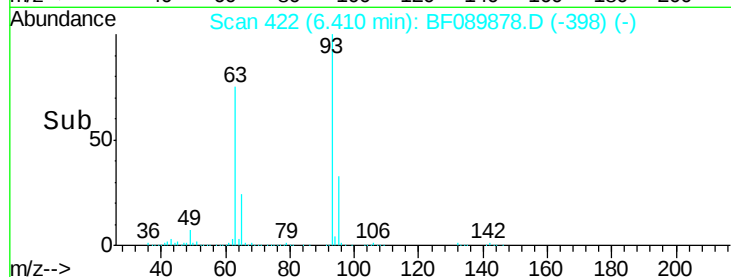
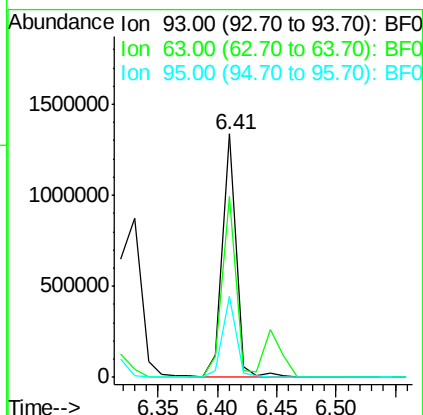
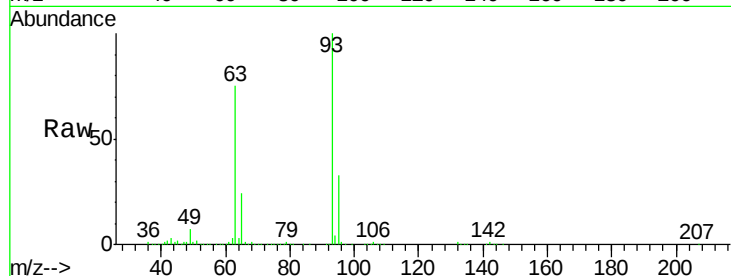




#11
 bis(2-Chloroethyl)ether
 Concen: 40.18 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

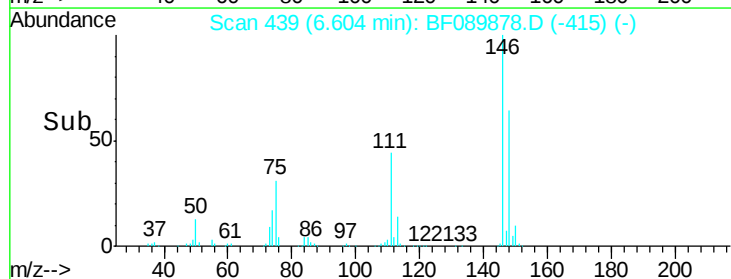
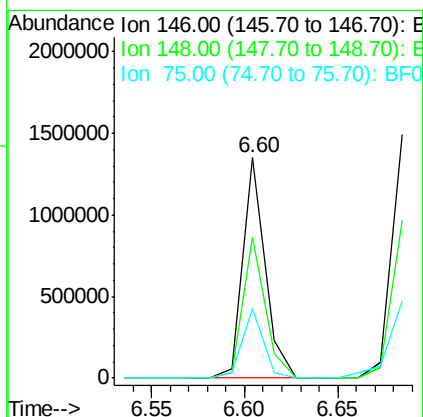
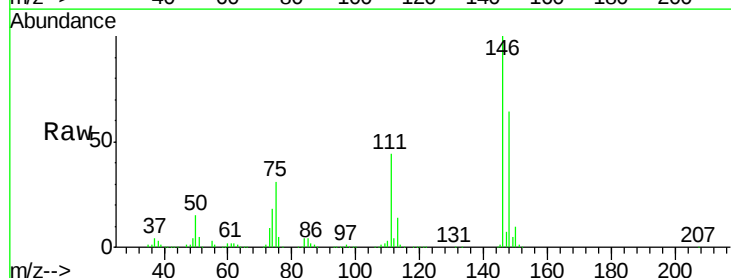
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

Tgt Ion: 93 Resp: 1069142
 Ion Ratio Lower Upper
 93 100
 63 74.6 55.8 95.8
 95 33.3 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 37.61 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion: 146 Resp: 1121541
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.4
 75 31.4 27.0 40.6

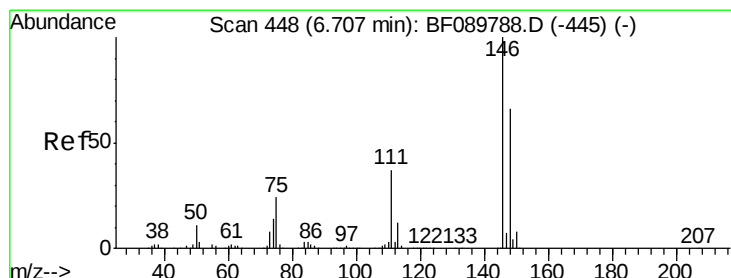
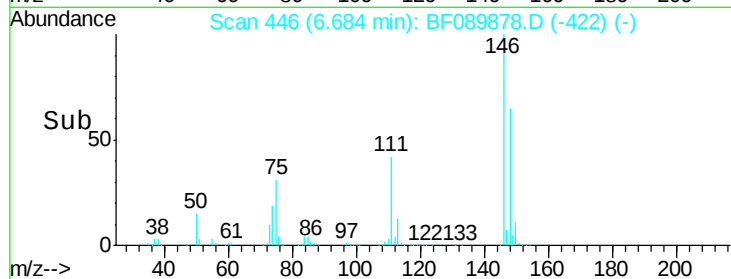
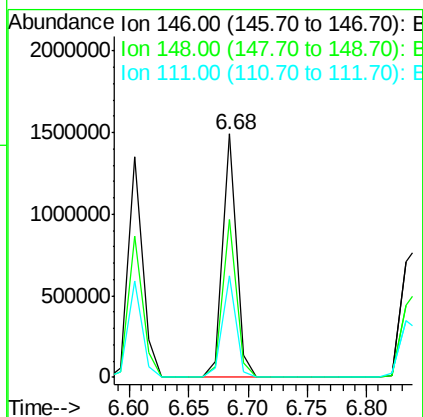
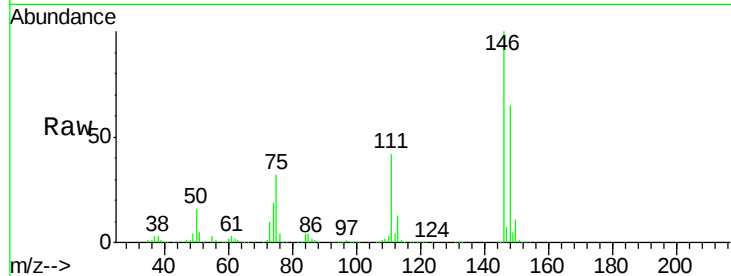




#13
 1,4-Dichlorobenzene
 Concen: 38.66 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

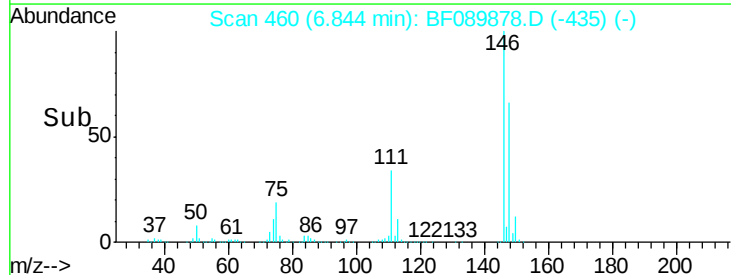
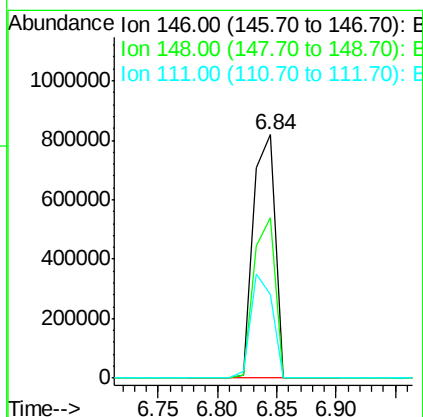
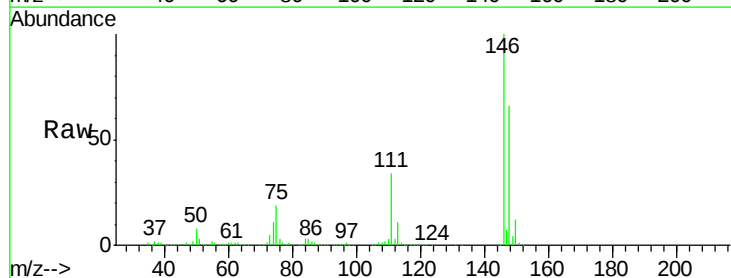
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

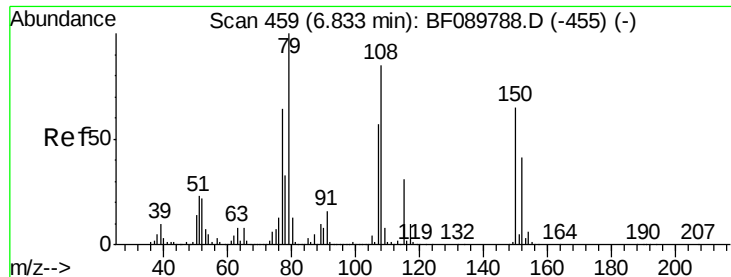
Tgt Ion:146 Resp: 1185151
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.0 76.6
 111 41.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 36.91 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

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





#15

Benzyl Alcohol

Concen: 42.37 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

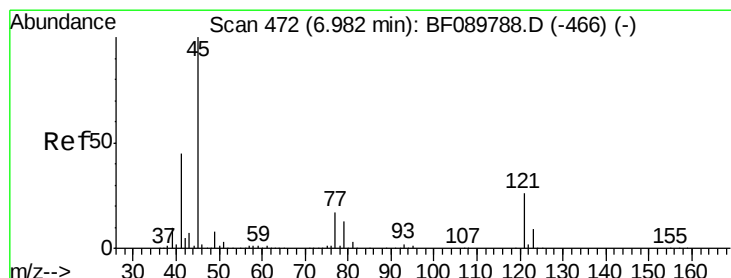
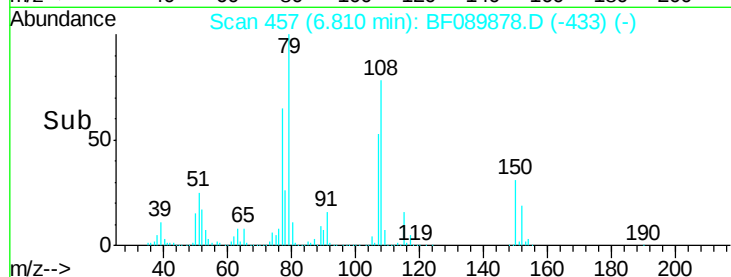
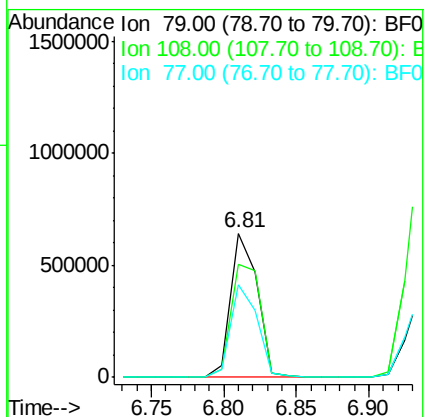
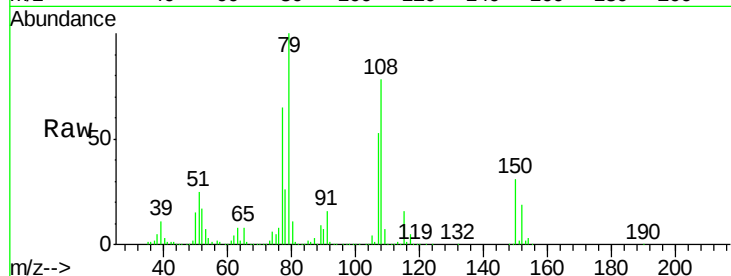
Tgt Ion: 79 Resp: 822730

Ion Ratio Lower Upper

79 100

108 78.1 62.5 93.7

77 64.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.46 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

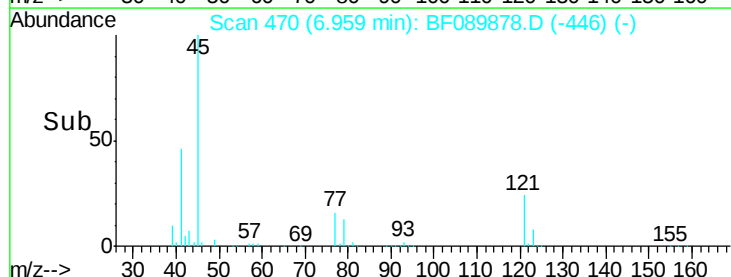
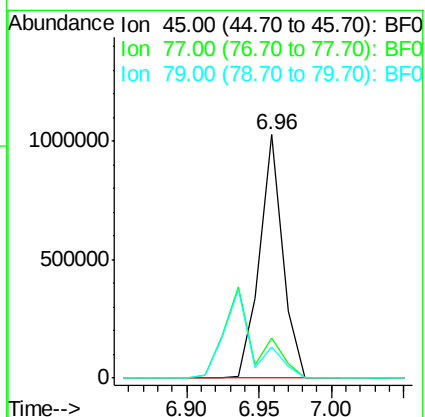
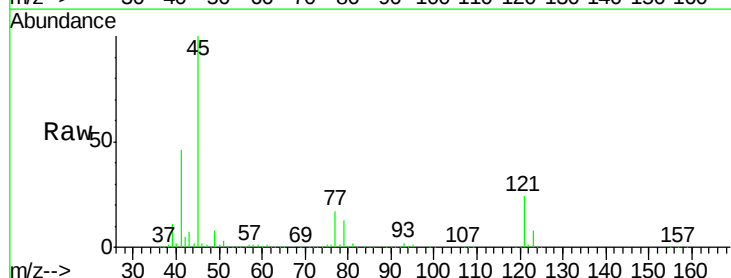
Tgt Ion: 45 Resp: 1139563

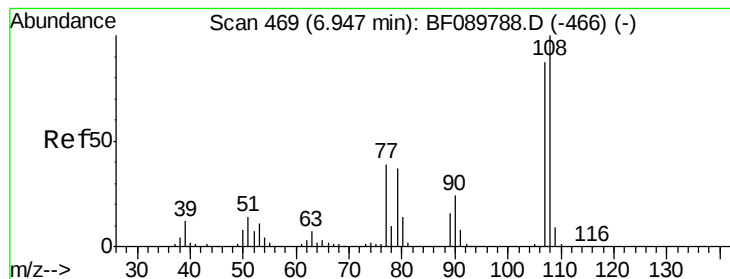
Ion Ratio Lower Upper

45 100

77 16.6 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 42.06 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

Tgt Ion:107 Resp: 939662

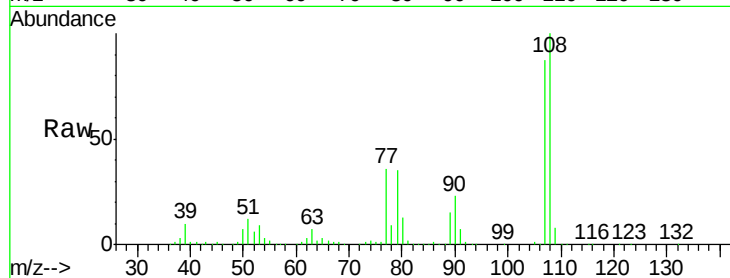
Ion Ratio Lower Upper

107 100

108 115.2 91.0 136.4

77 41.1 37.4 56.0

79 40.0 36.6 55.0

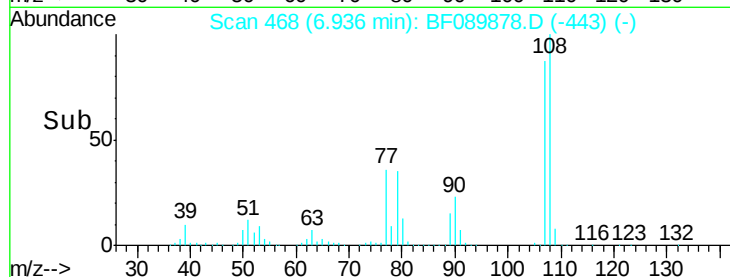


Abundance Ion 107.00 (106.70 to 107.70): E

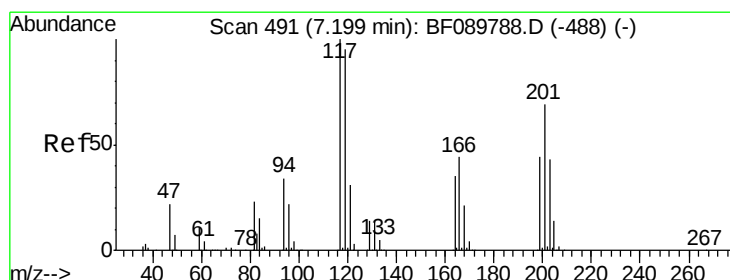
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 38.35 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

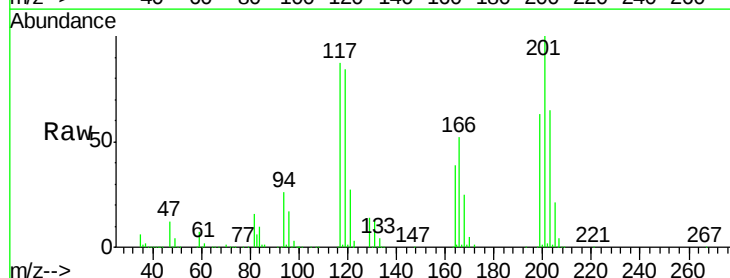
Tgt Ion:117 Resp: 419295

Ion Ratio Lower Upper

117 100

119 96.8 77.1 115.7

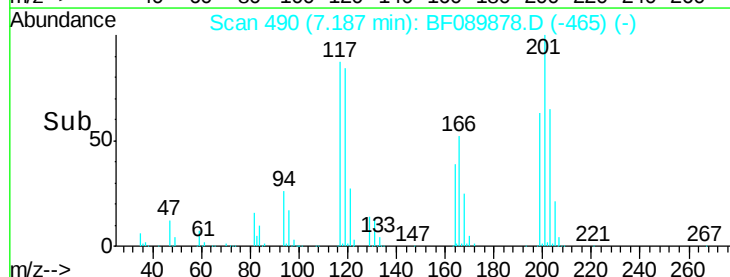
201 115.2 76.9 115.3



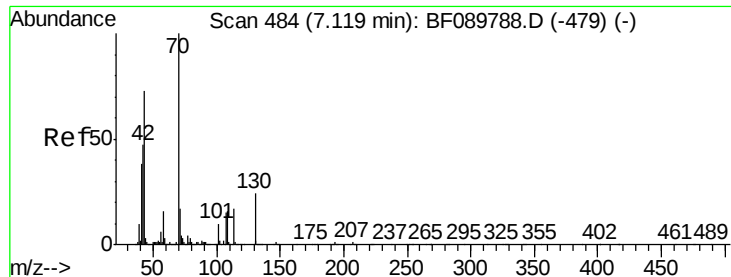
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



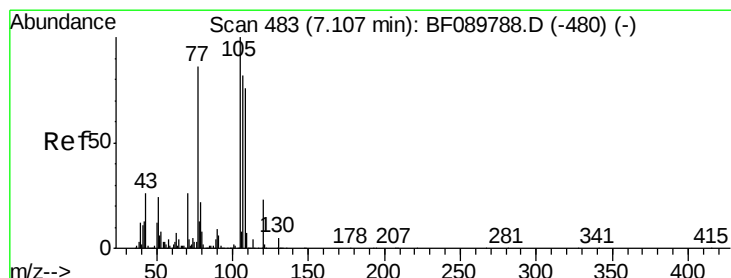
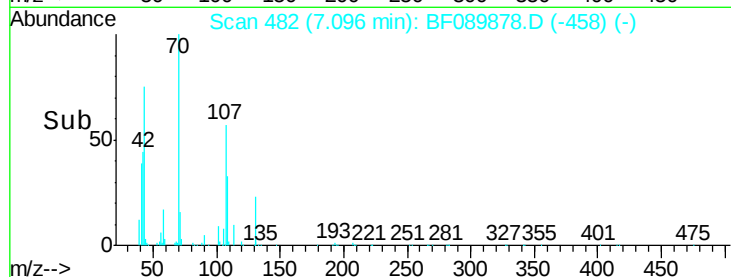
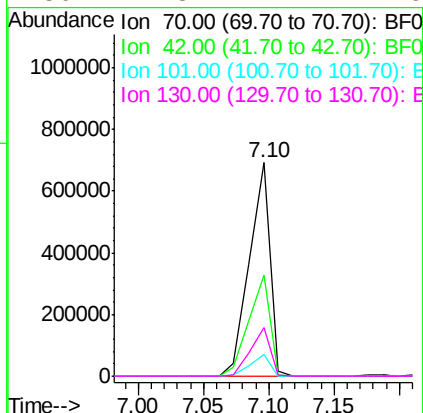
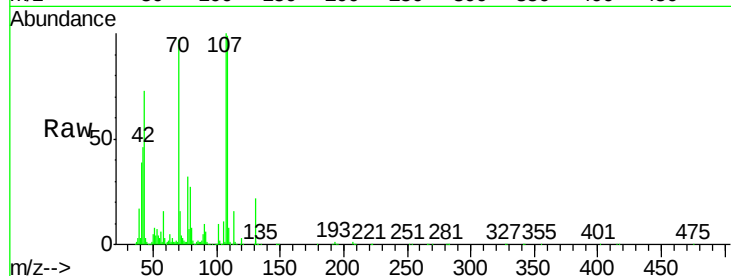
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 40.67 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

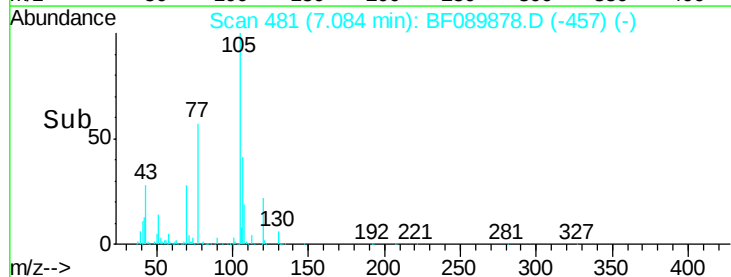
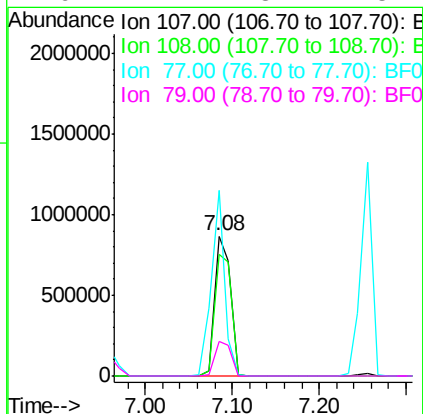
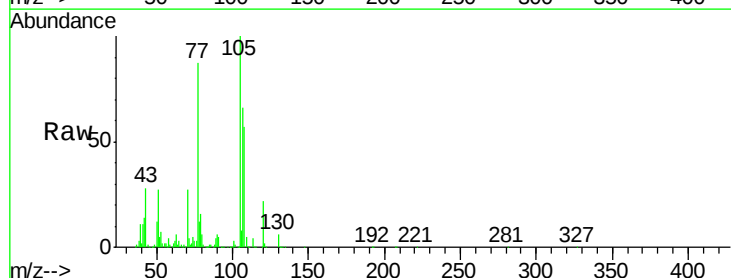
Instrument :
BNA_F
ClientSampleId :
PB93061BS

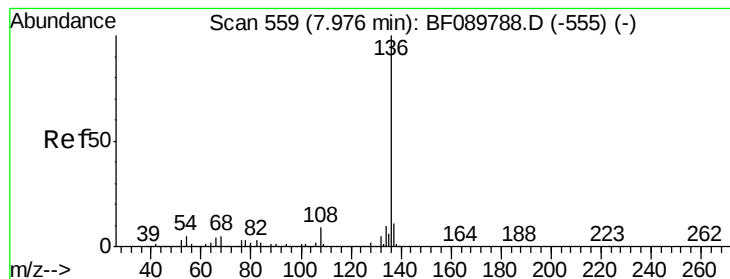
Tgt Ion: 70 Resp: 761488
Ion Ratio Lower Upper
70 100
42 47.6 46.3 69.5
101 10.0 7.0 10.6
130 22.8 14.4 21.6#



#20
3+4-Methylphenols
Concen: 40.97 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion: 107 Resp: 1122332
Ion Ratio Lower Upper
107 100
108 86.5 68.2 108.2
77 132.4 122.3 162.3
79 24.4 8.2 48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

Tgt Ion:136 Resp: 1645721

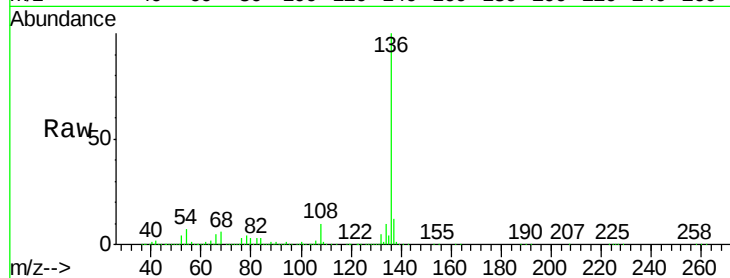
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 7.1 7.2 10.8#

68 6.1 5.8 8.8

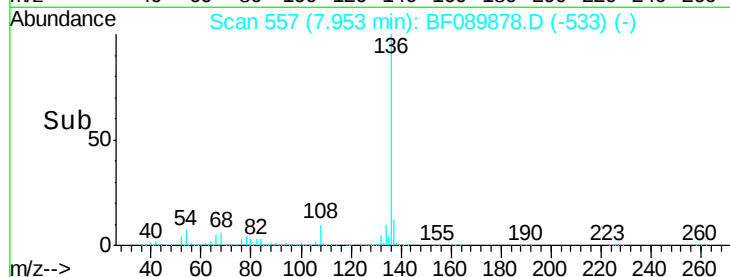


Abundance Ion 136.00 (135.70 to 136.70): E

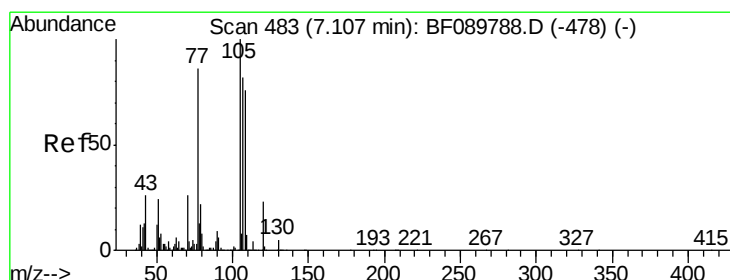
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 34.79 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion:105 Resp: 1314575

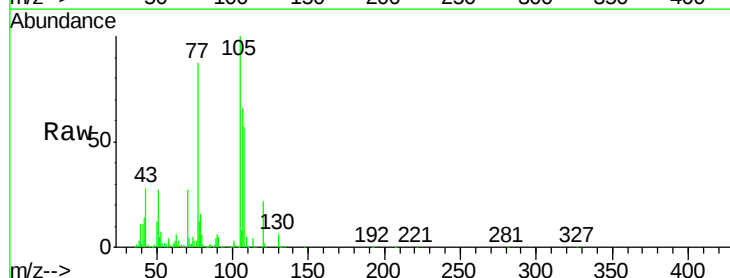
Ion Ratio Lower Upper

105 100

71 4.5 1.9 2.9#

51 26.5 28.5 42.7#

120 21.8 16.6 25.0

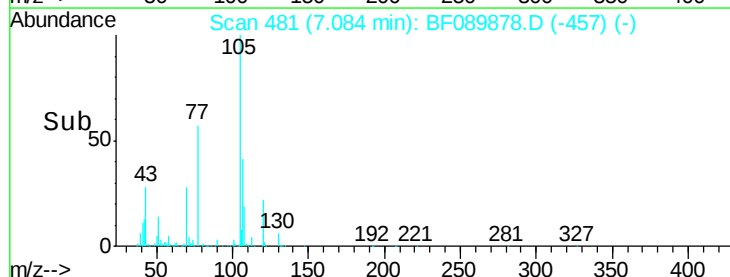


Abundance Ion 105.00 (104.70 to 105.70): E

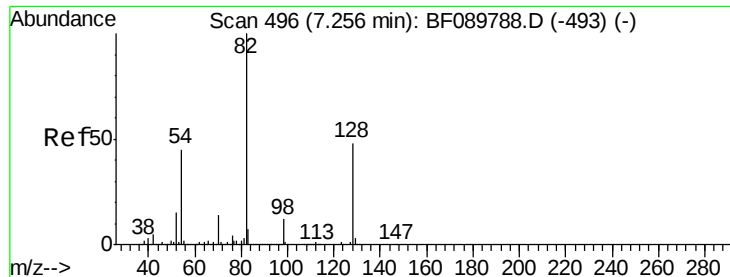
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



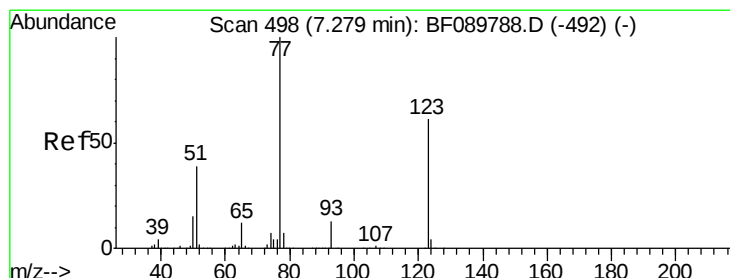
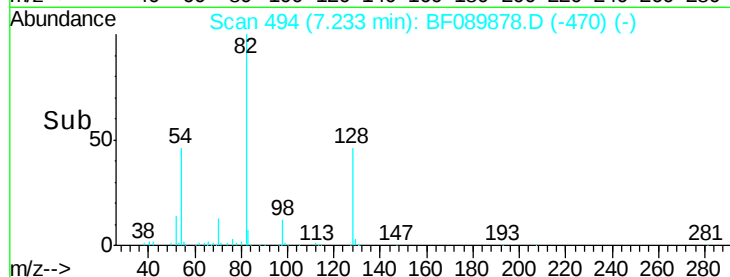
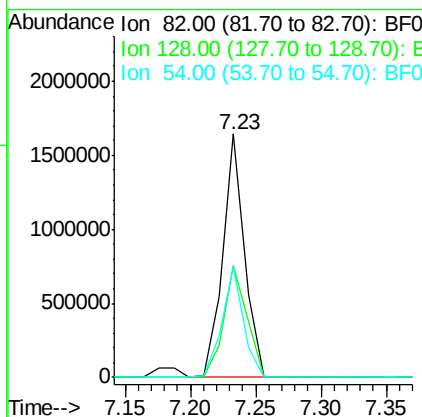
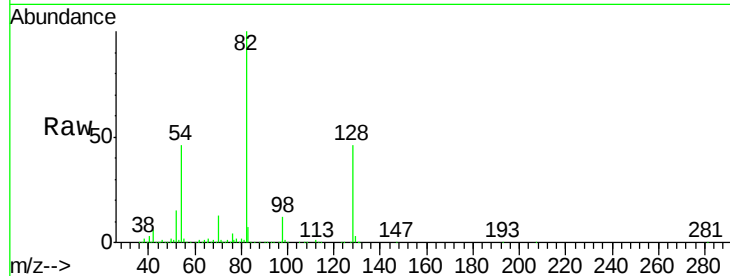
Time-->



#23
 Nitrobenzene-d5
 Concen: 71.47 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

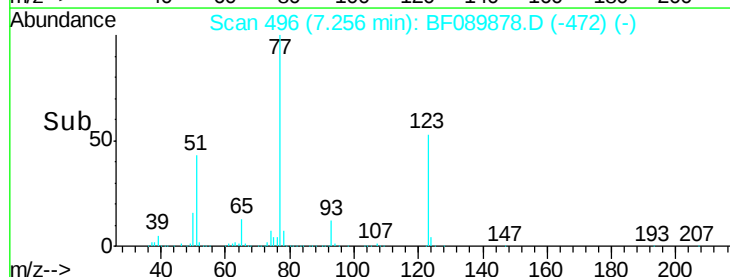
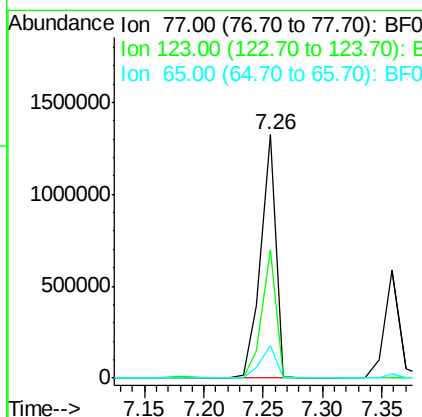
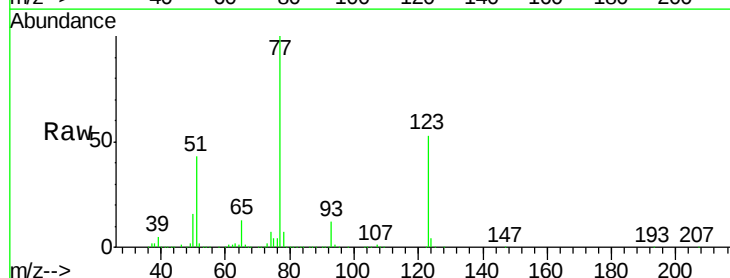
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

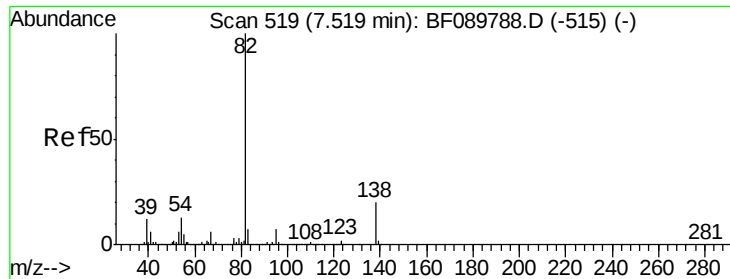
Tgt Ion: 82 Resp: 1893144
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.4 51.6
 54 45.6 40.3 60.5



#24
 Nitrobenzene
 Concen: 40.32 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

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





#25

Isophorone

Concen: 36.96 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

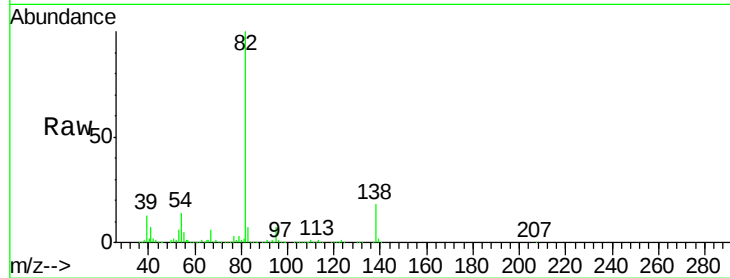
Tgt Ion: 82 Resp: 1974779

Ion Ratio Lower Upper

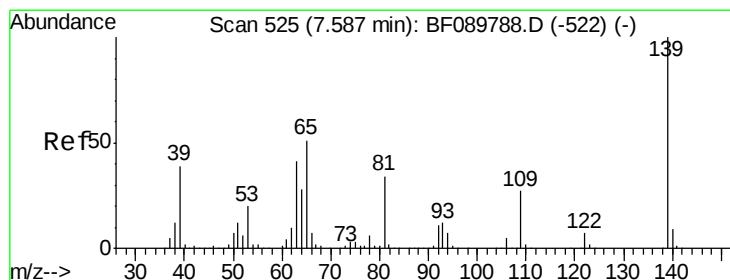
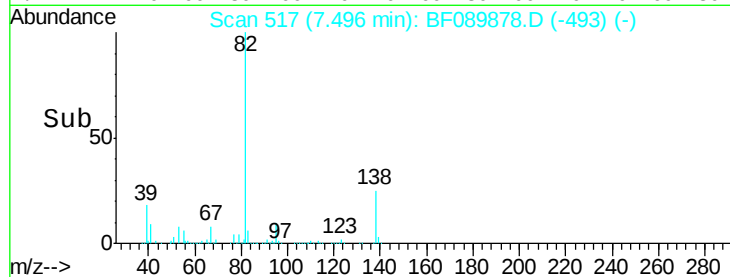
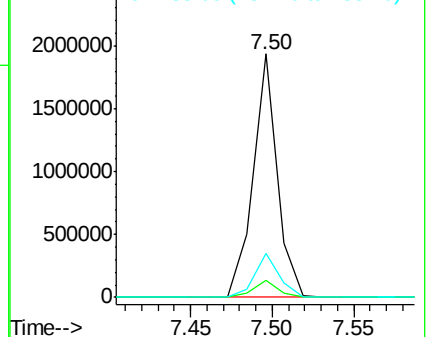
82 100

95 6.9 5.3 7.9

138 18.2 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.31 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

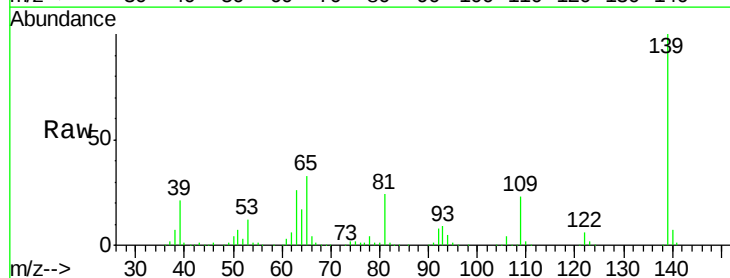
Tgt Ion: 139 Resp: 597699

Ion Ratio Lower Upper

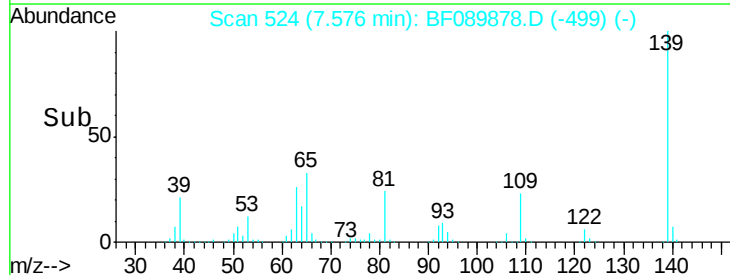
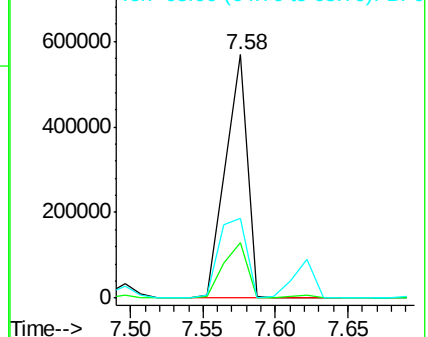
139 100

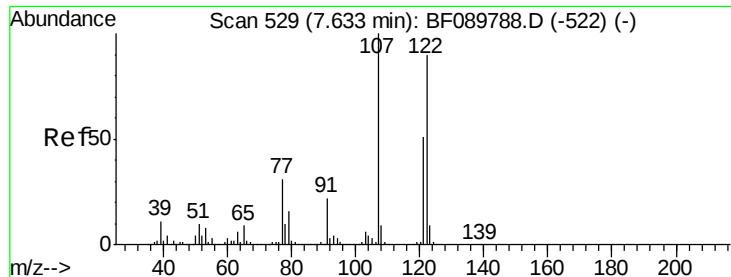
109 22.6 19.5 29.3

65 32.8 26.5 39.7



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





#27

2,4-Dimethylphenol

Concen: 40.66 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

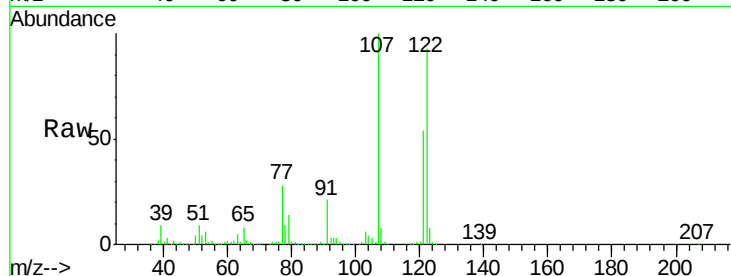
Tgt Ion:122 Resp: 1086572

Ion Ratio Lower Upper

122 100

107 107.4 84.8 127.2

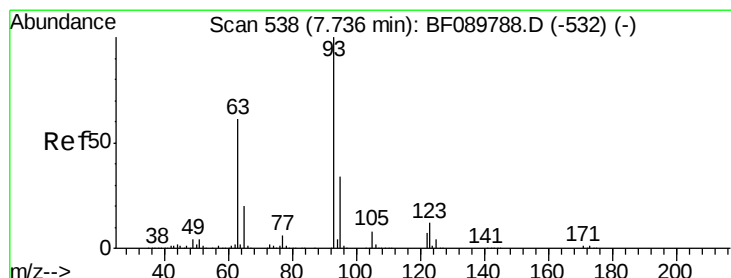
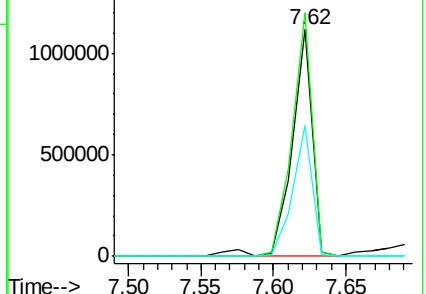
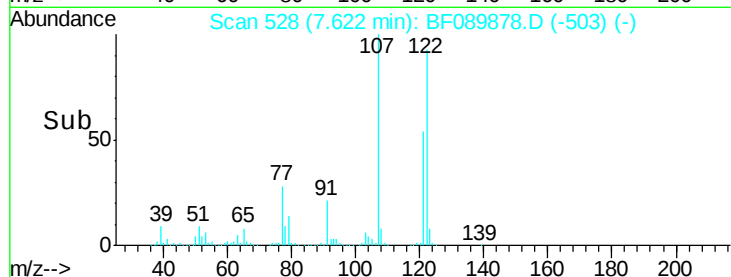
121 57.8 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.88 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

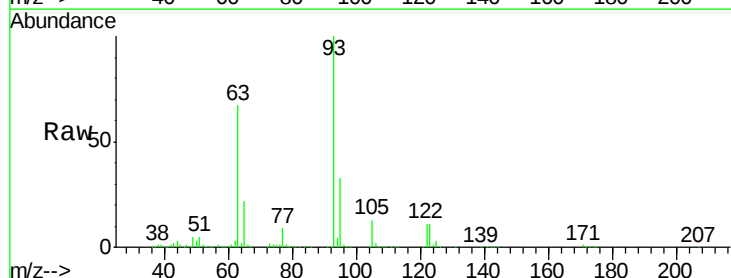
Tgt Ion: 93 Resp: 1186062

Ion Ratio Lower Upper

93 100

95 32.9 25.5 38.3

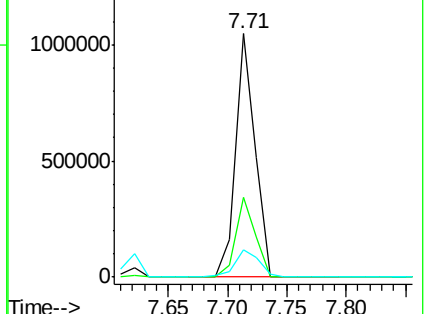
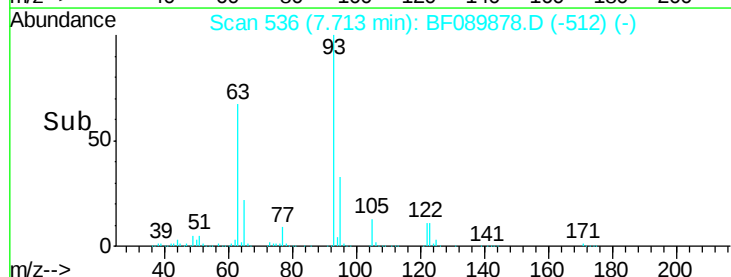
123 11.5 8.5 12.7

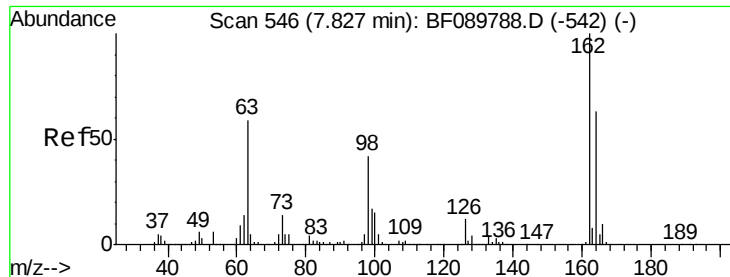


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

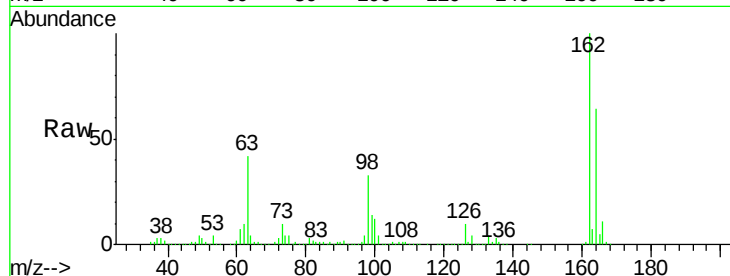




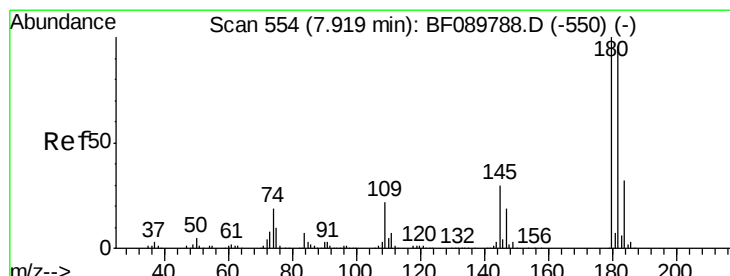
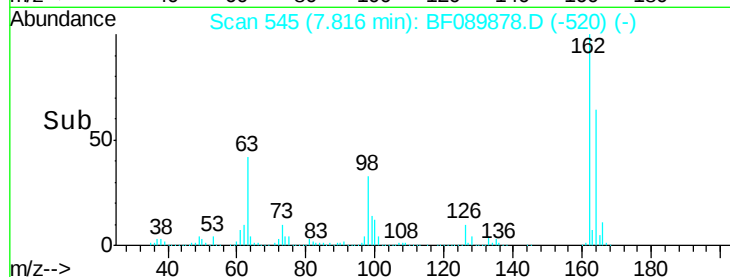
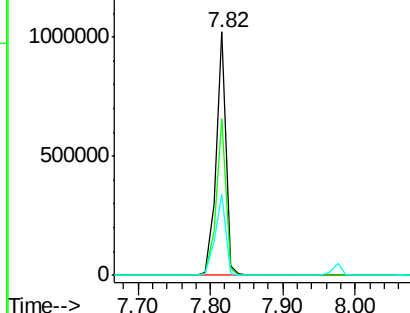
#29
2,4-Dichlorophenol
Concen: 42.34 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :
PB93061BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	45.5	85.5
98	33.2	12.4	52.4

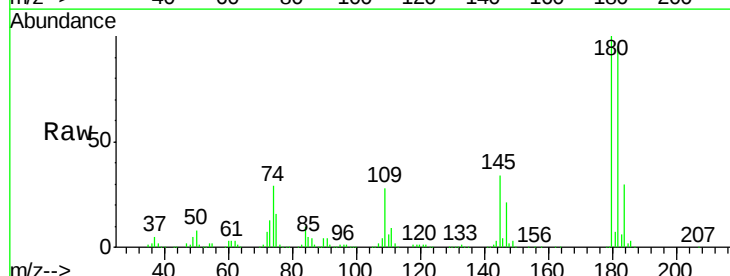


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

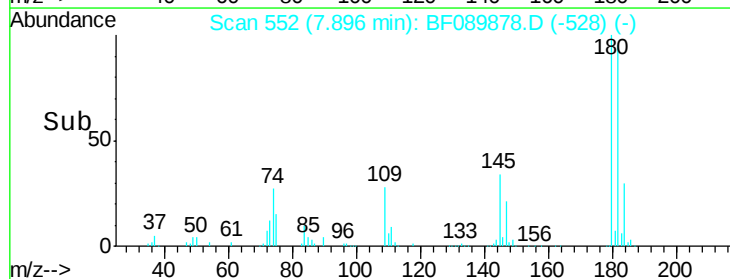
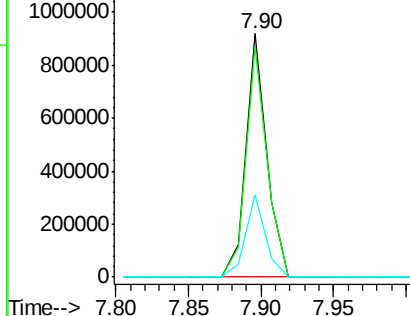


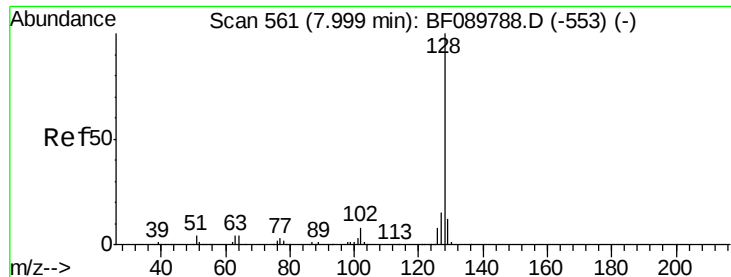
#30
1,2,4-Trichlorobenzene
Concen: 36.56 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.5	113.3
145	33.6	28.7	43.1



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

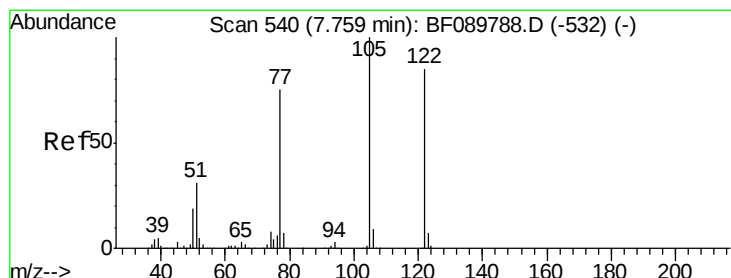
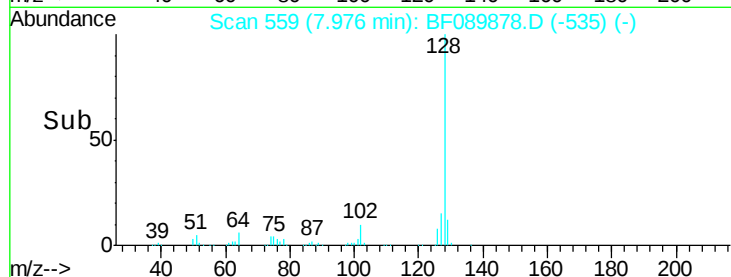
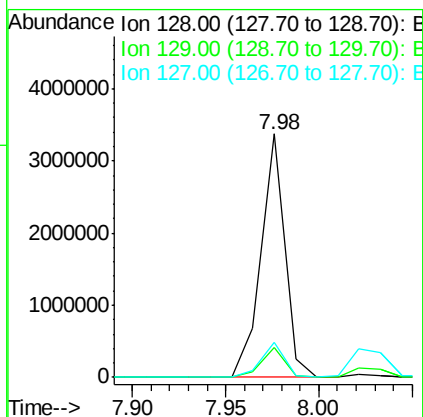
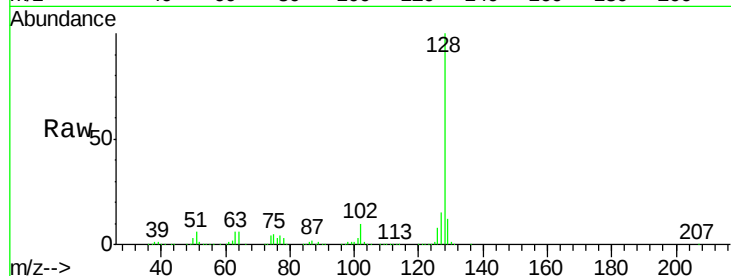




#31
Naphthalene
Concen: 38.55 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

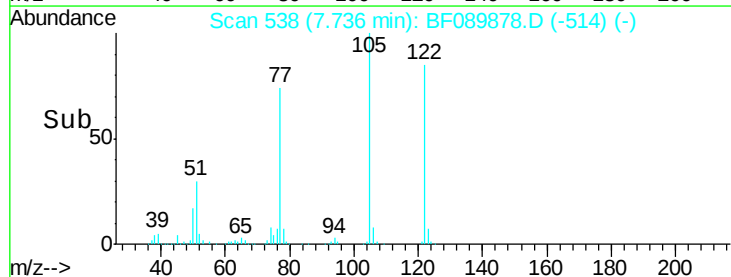
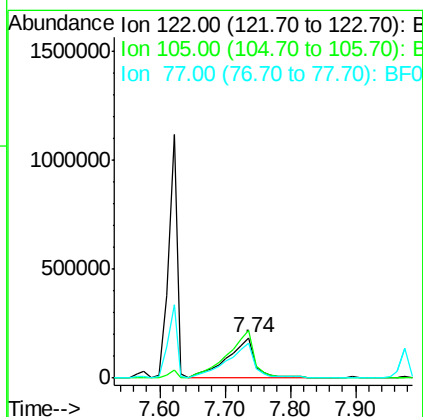
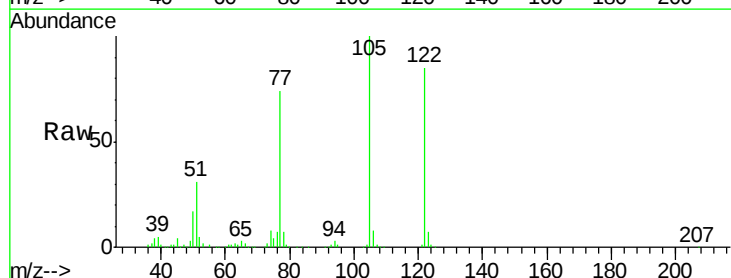
Instrument :
BNA_F
ClientSampleId :
PB93061BS

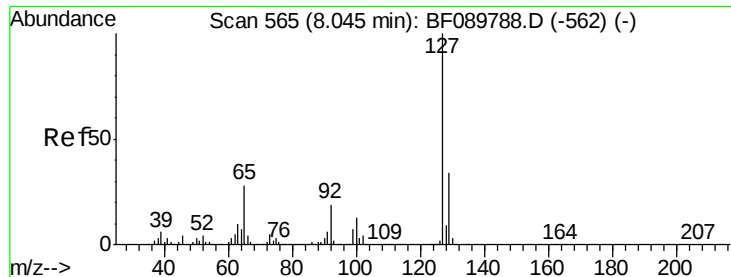
Tgt Ion:128 Resp: 2965251
Ion Ratio Lower Upper
128 100
129 12.5 9.5 14.3
127 14.6 11.3 16.9



#32
Benzoic acid
Concen: 25.55 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:122 Resp: 532098
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 87.6 72.1 112.1

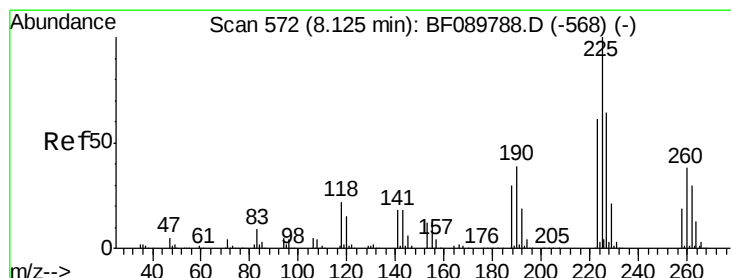
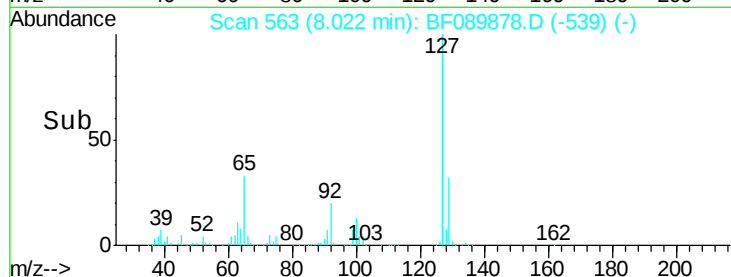
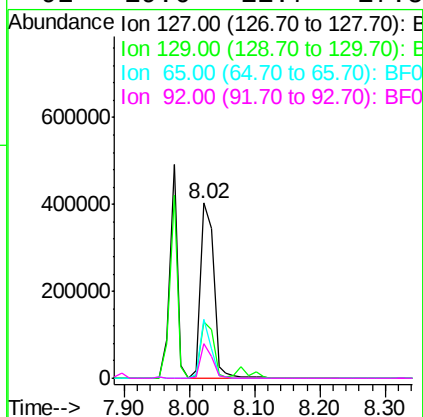
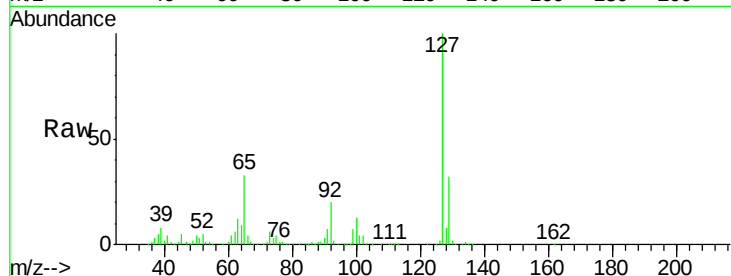




#33
4-Chloroaniline
Concen: 16.94 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

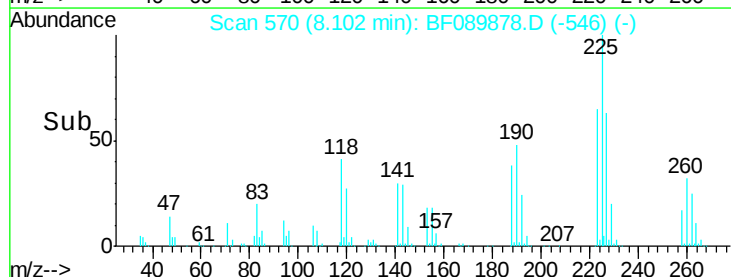
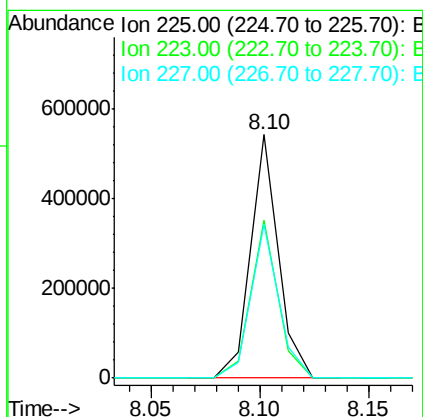
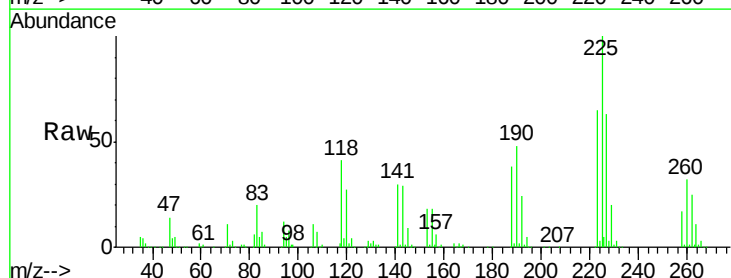
Instrument :
BNA_F
ClientSampleId :
PB93061BS

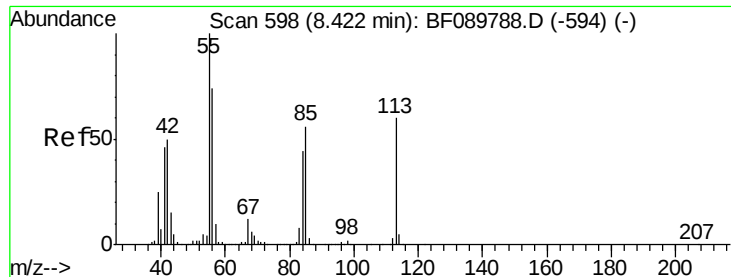
Tgt Ion:	127	Resp:	564627
Ion	Ratio	Lower	Upper
127	100		
129	31.9	27.0	40.6
65	33.5	14.7	22.1#
92	19.6	11.7	17.5#



#34
Hexachlorobutadiene
Concen: 36.98 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:	225	Resp:	480402
Ion	Ratio	Lower	Upper
225	100		
223	64.6	51.0	76.6
227	63.3	49.8	74.6

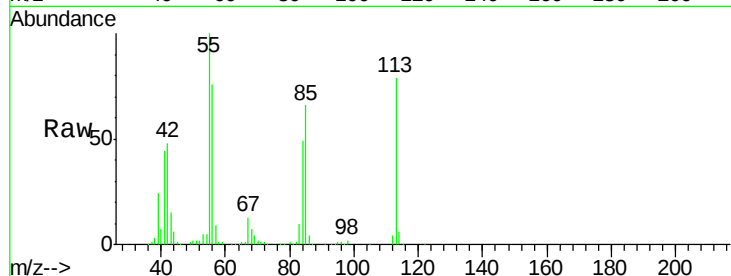




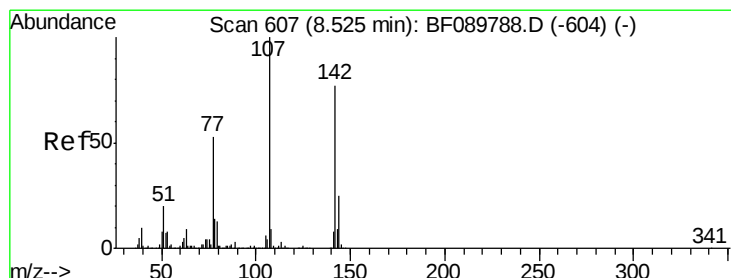
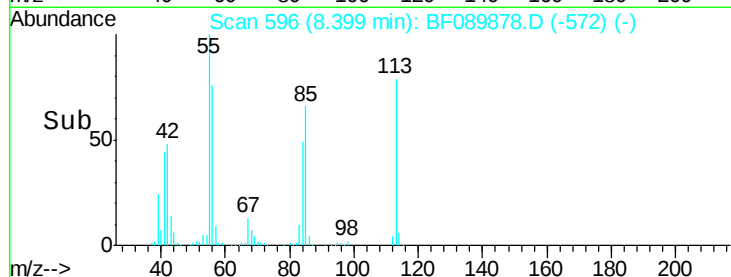
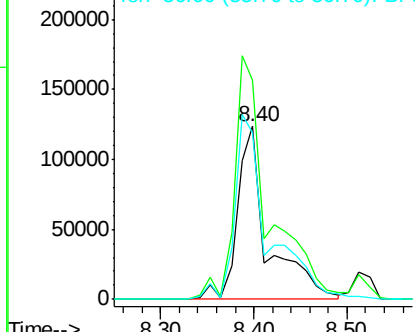
#35
 Caprolactam
 Concen: 41.13 ng
 RT: 8.40 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

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

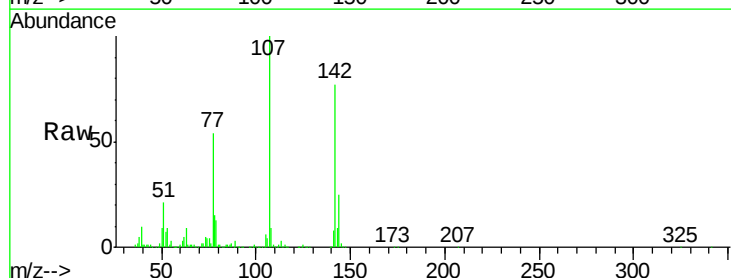


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

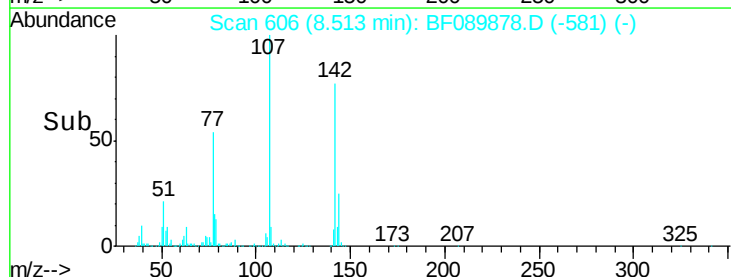
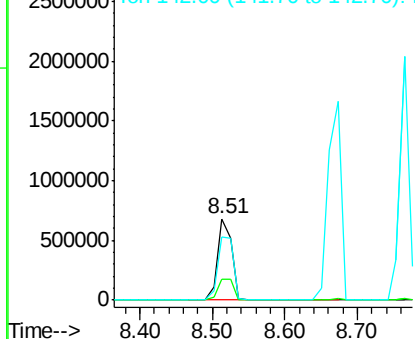


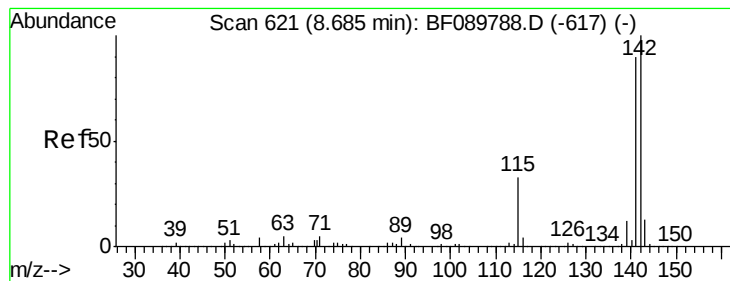
#36
 4-Chloro-3-methylphenol
 Concen: 38.23 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

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



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





#37

2-Methylnaphthalene

Concen: 41.72 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

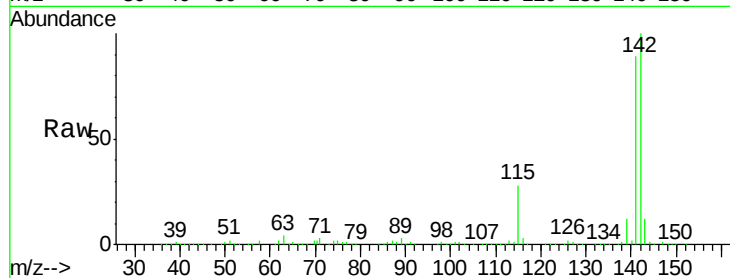
Tgt Ion:142 Resp: 2075832

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

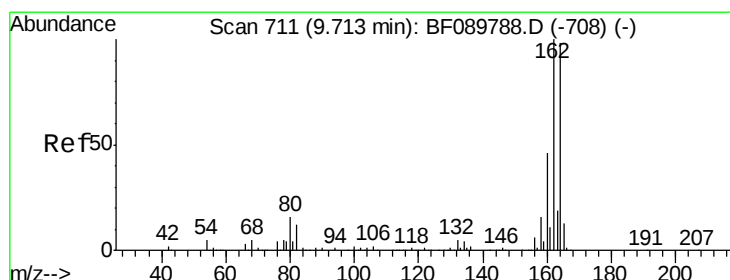
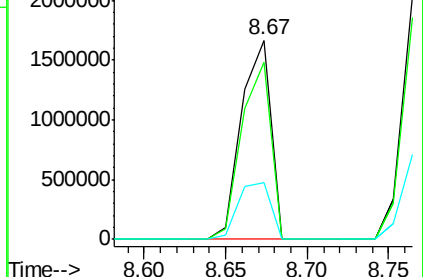
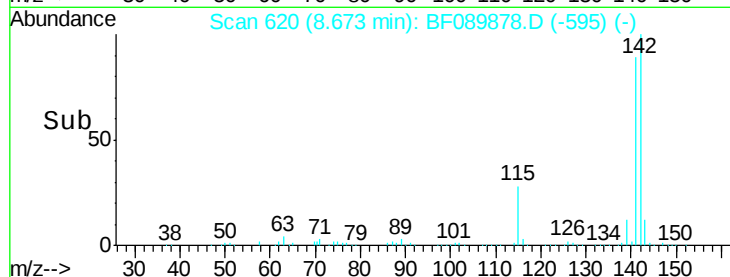
115 28.4 22.7 34.1



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: 9.71 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

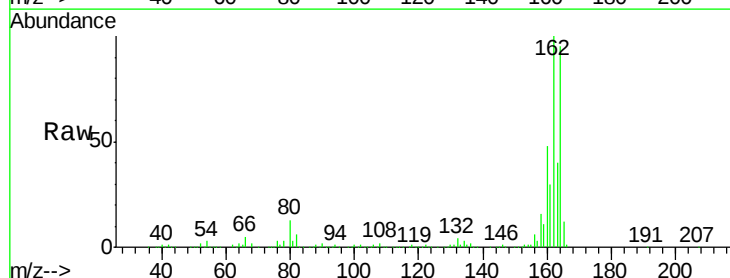
Tgt Ion:164 Resp: 788148

Ion Ratio Lower Upper

164 100

162 105.0 81.4 122.2

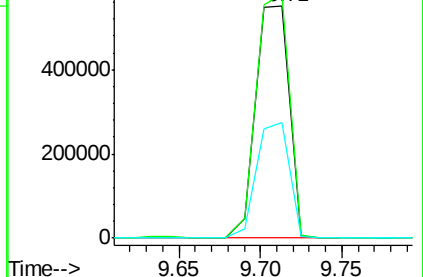
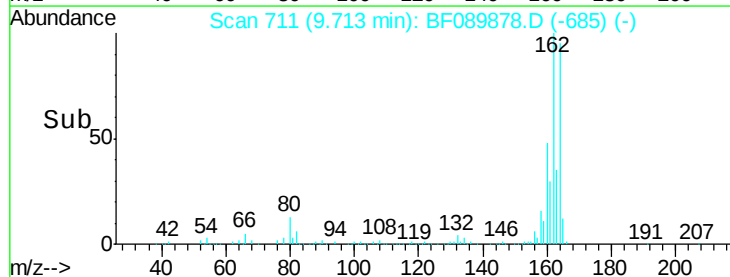
160 49.9 37.8 56.6

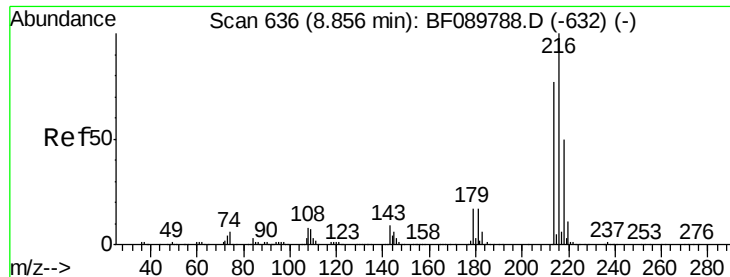


Abundance Ion 164.00 (163.70 to 164.70): E

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: 26.29 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

Tgt Ion:216 Resp: 670854

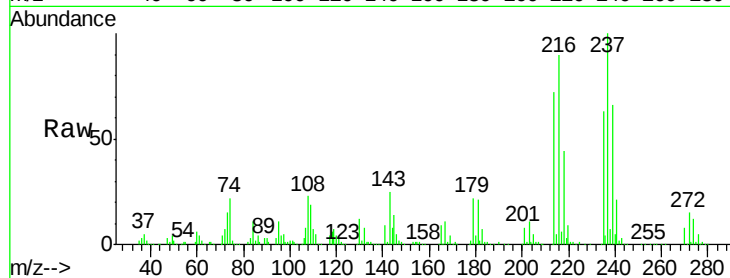
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.3 19.9 29.9

108 24.7 19.9 29.9

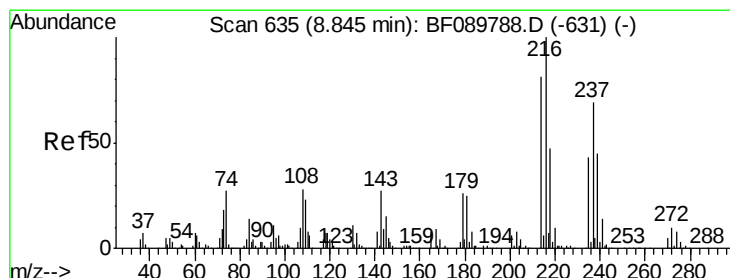
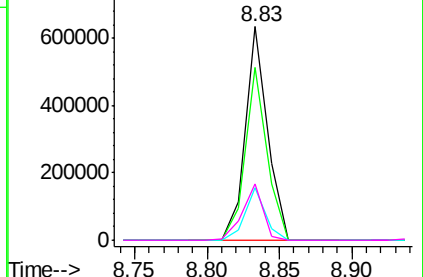
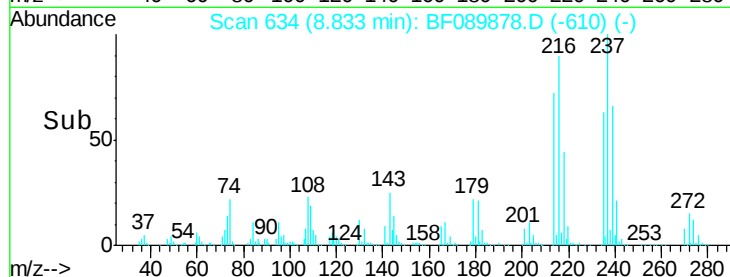


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 95.99 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

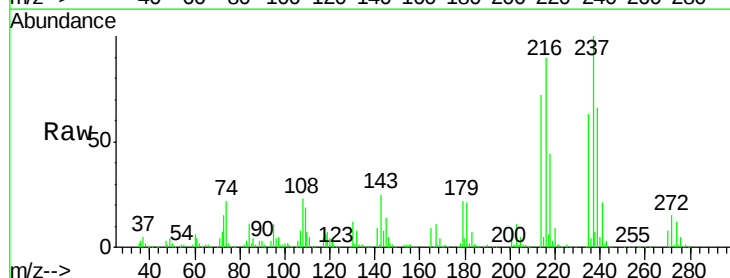
Tgt Ion:237 Resp: 850548

Ion Ratio Lower Upper

237 100

235 62.5 43.7 83.7

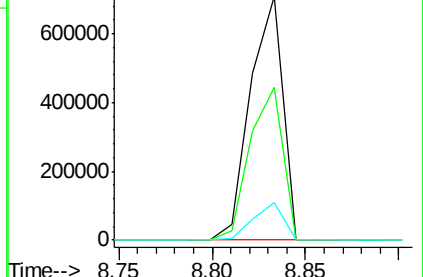
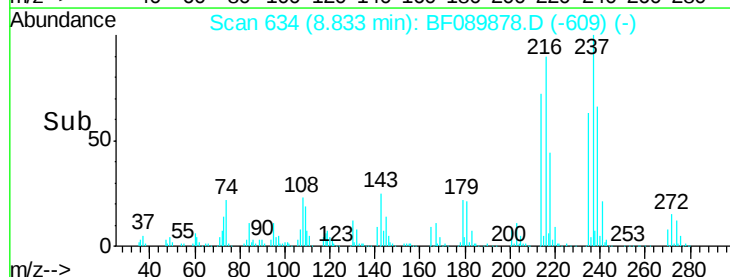
272 15.2 0.0 31.6

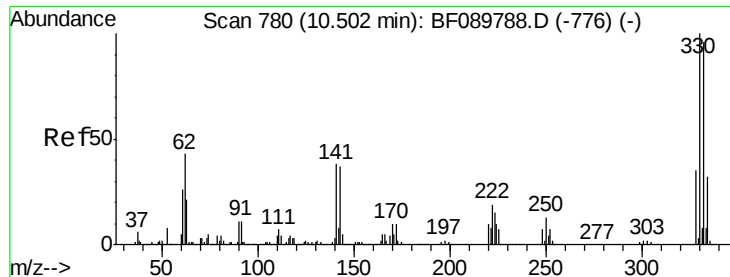


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

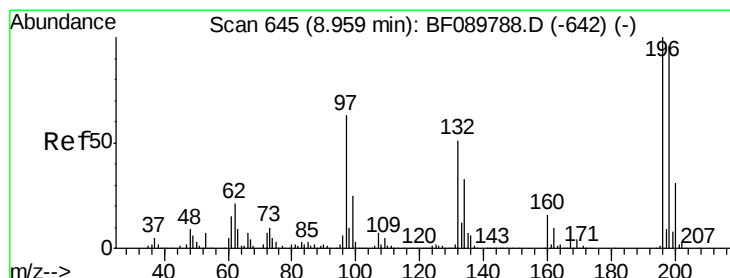
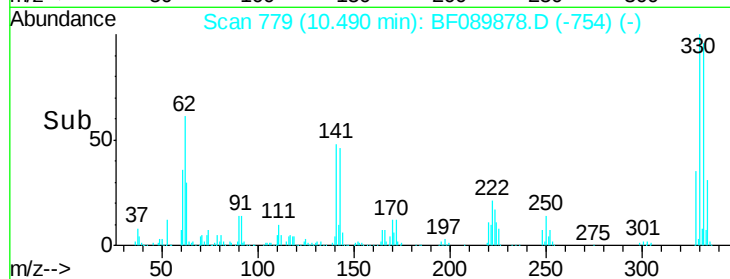
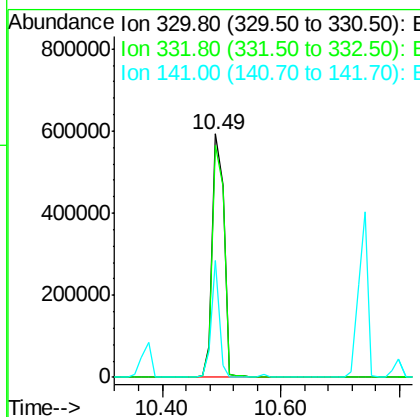
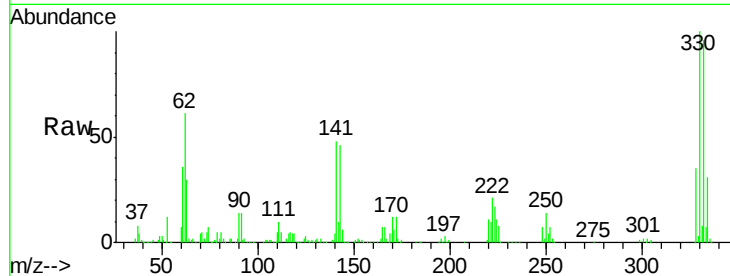




#41
 2,4,6-Tribromophenol
 Concen: 107.03 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

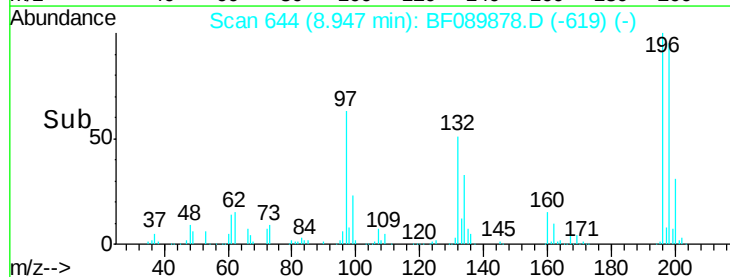
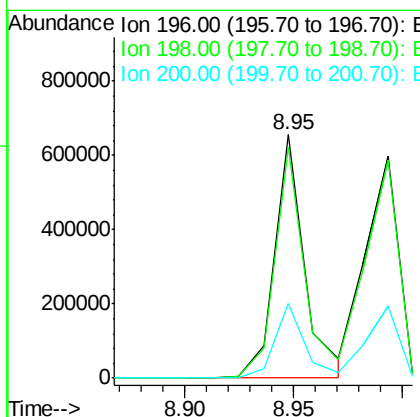
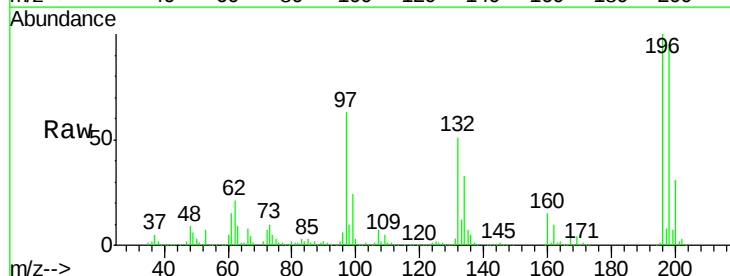
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

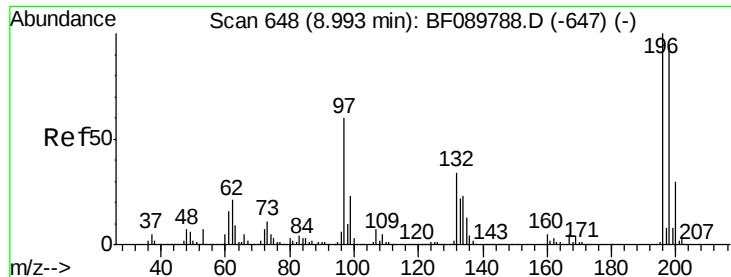
Tgt Ion:330 Resp: 801700
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 33.1 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.34 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:196 Resp: 631651
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.3 114.5
 200 30.6 24.6 36.8

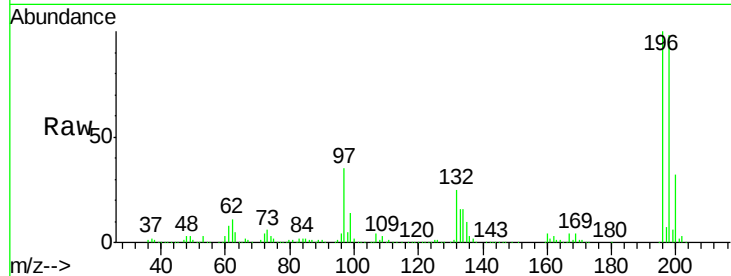




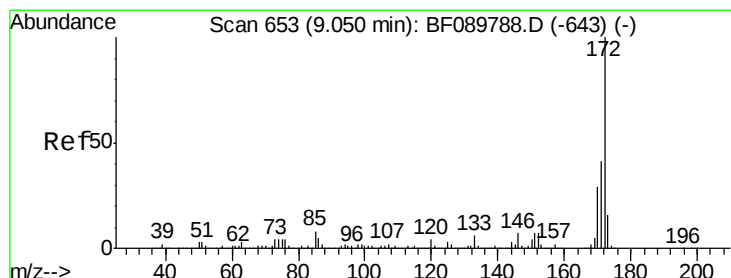
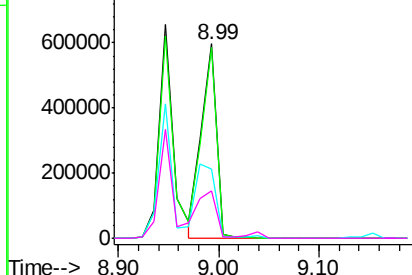
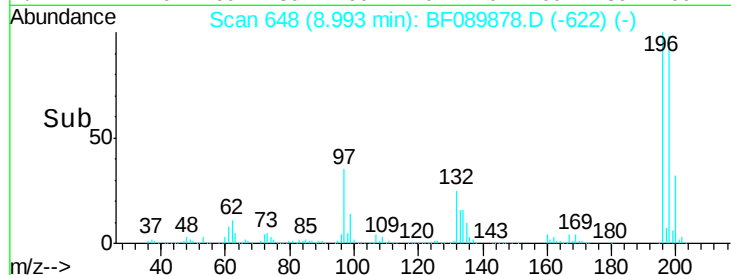
#43
 2,4,5-Trichlorophenol
 Concen: 39.61 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

Tgt Ion:196 Resp: 632562
 Ion Ratio Lower Upper
 196 100
 198 98.2 76.6 114.8
 97 35.4 35.8 53.8#
 132 24.6 23.5 35.3

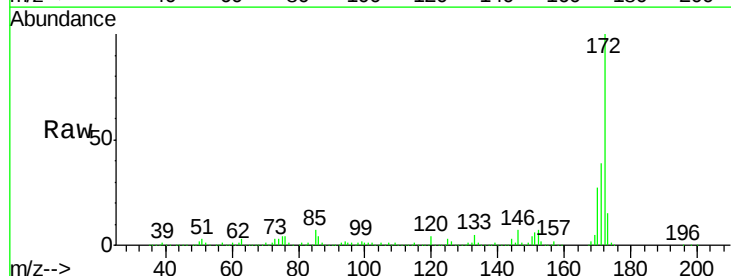


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

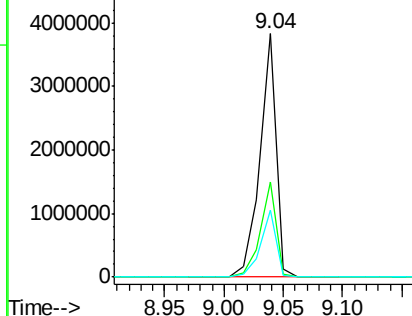
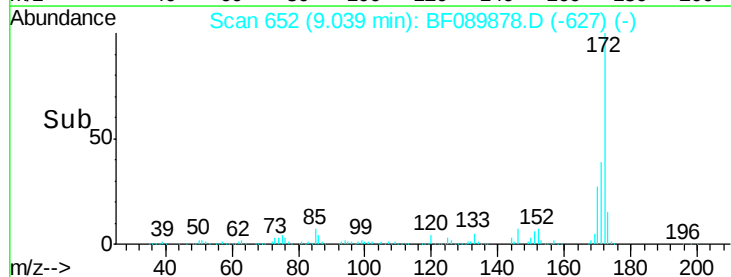


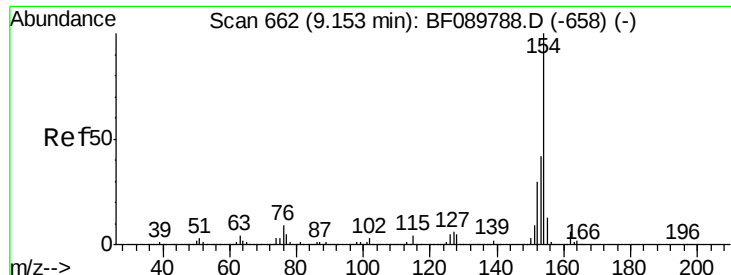
#44
 2-Fluorobiphenyl
 Concen: 82.03 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:172 Resp: 3678568
 Ion Ratio Lower Upper
 172 100
 171 39.3 30.5 45.7
 170 27.3 20.6 31.0



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

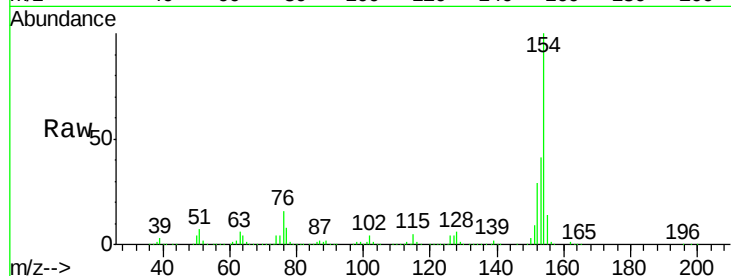




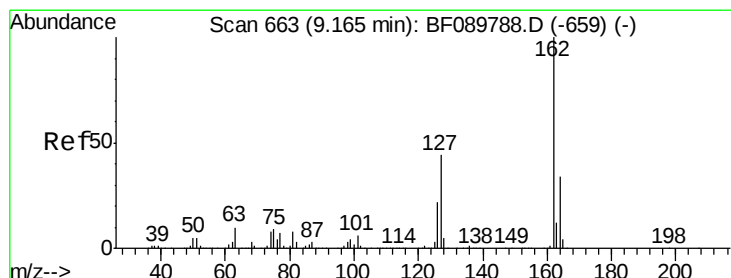
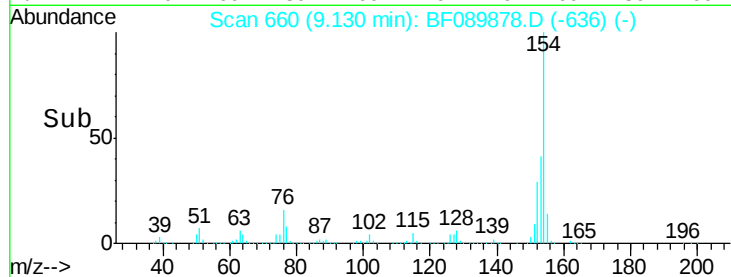
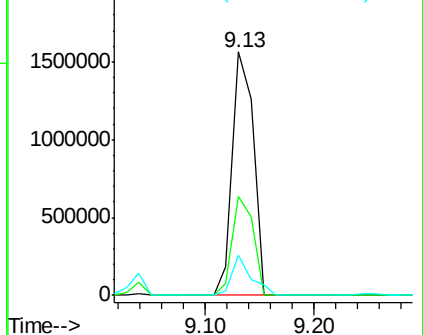
#45
 1,1'-Biphenyl
 Concen: 33.91 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

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

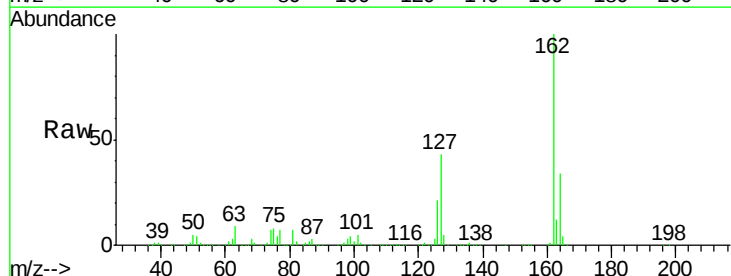


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

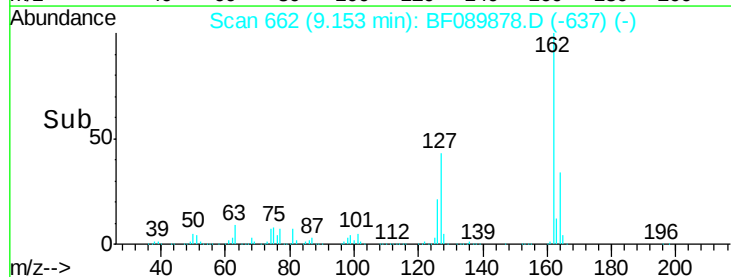
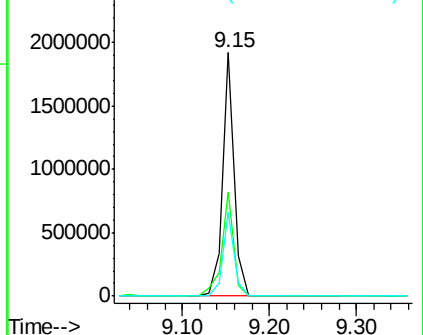


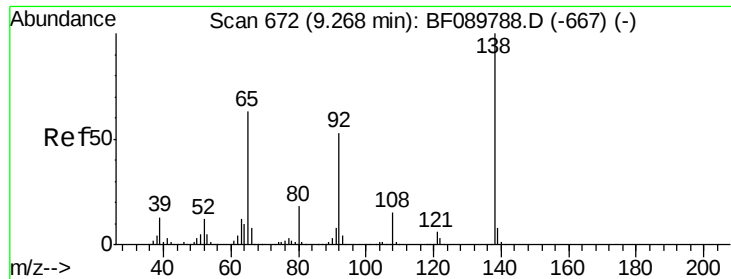
#46
 2-Chloronaphthalene
 Concen: 37.06 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:162 Resp: 1786734
 Ion Ratio Lower Upper
 162 100
 127 42.8 35.5 53.3
 164 34.1 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

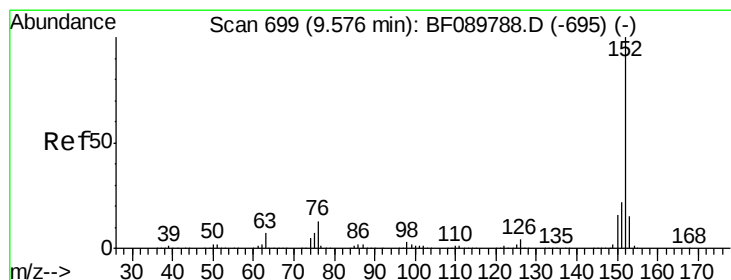
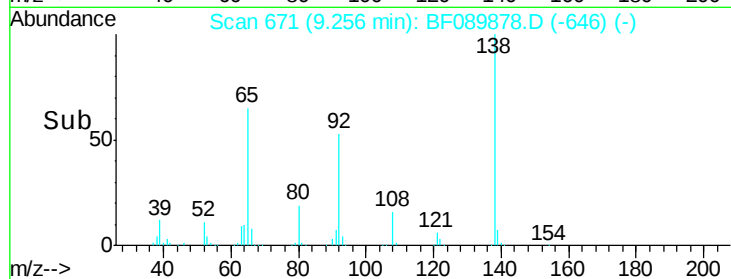
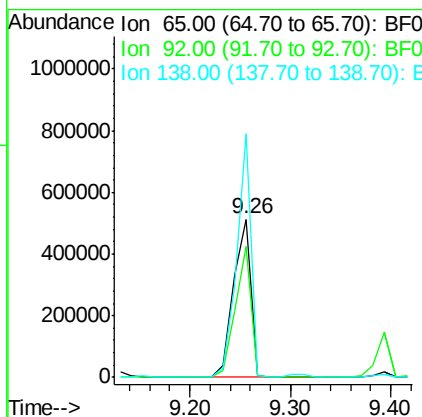
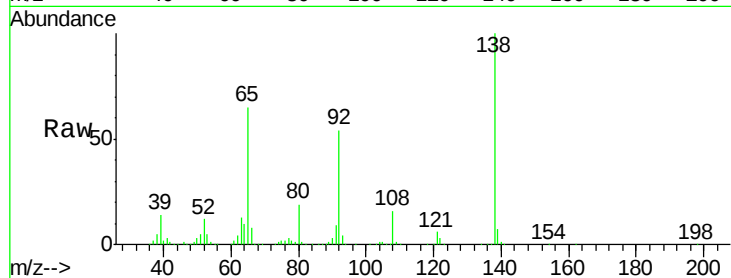




#47
2-Nitroaniline
Concen: 44.62 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

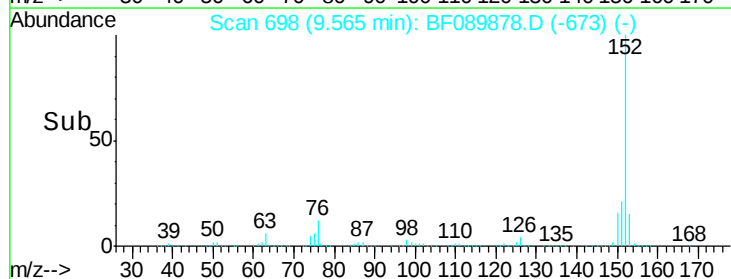
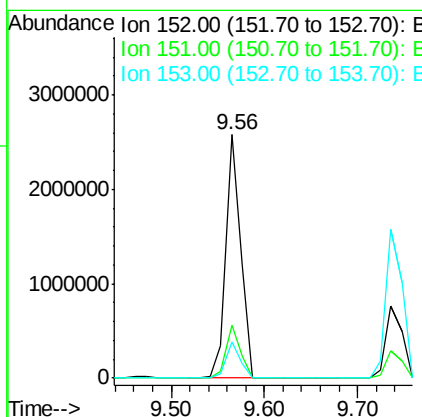
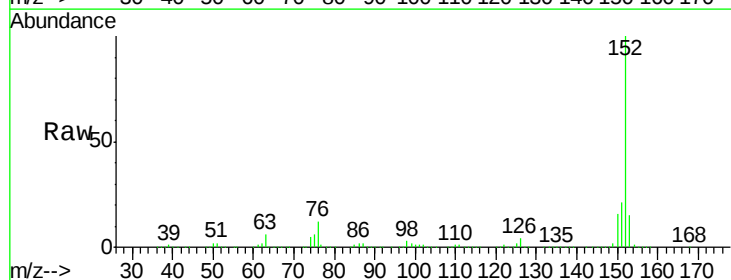
Instrument :
BNA_F
ClientSampleId :
PB93061BS

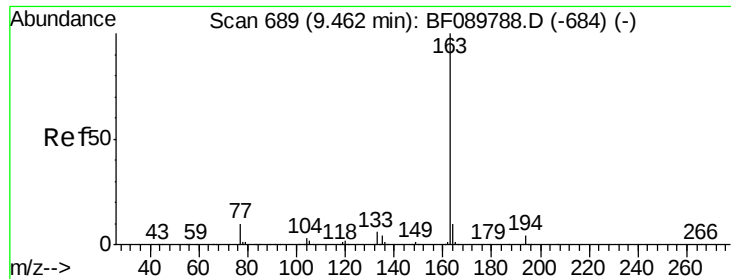
Tgt Ion: 65 Resp: 613622
Ion Ratio Lower Upper
65 100
92 82.4 56.3 84.5
138 153.7 81.8 122.8#



#48
Acenaphthylene
Concen: 39.35 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion: 152 Resp: 2850808
Ion Ratio Lower Upper
152 100
151 21.5 17.1 25.7
153 14.6 11.2 16.8





#49

Dimethylphthalate

Concen: 39.16 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

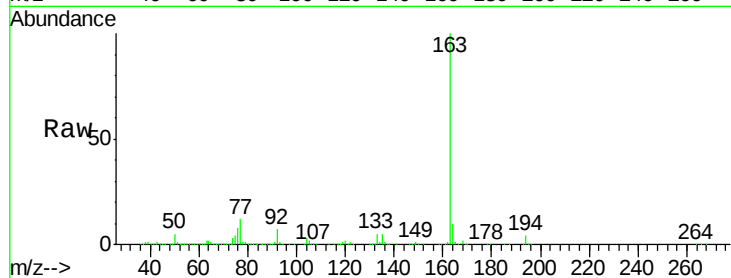
Tgt Ion:163 Resp: 2172944

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

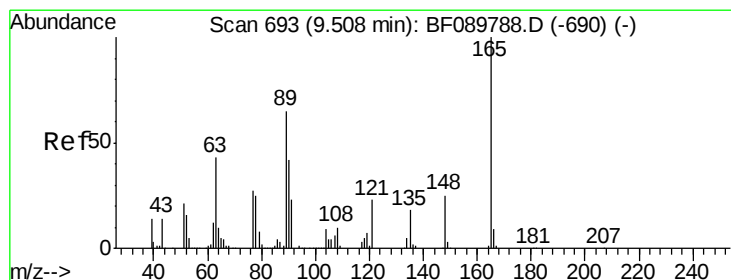
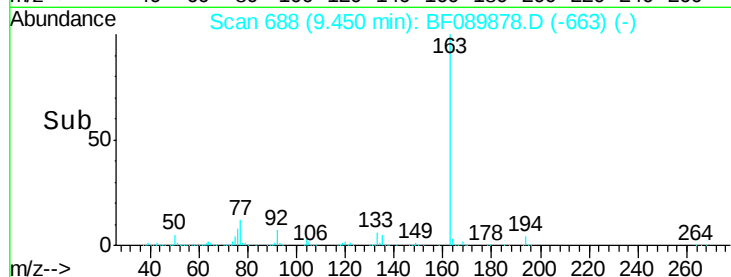
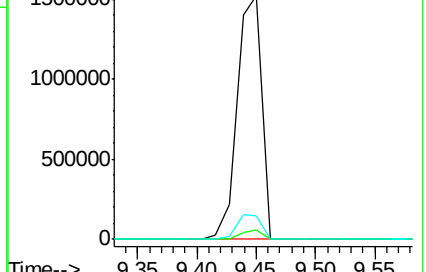
164 9.8 8.6 12.8



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: 36.00 ng

RT: 9.50 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

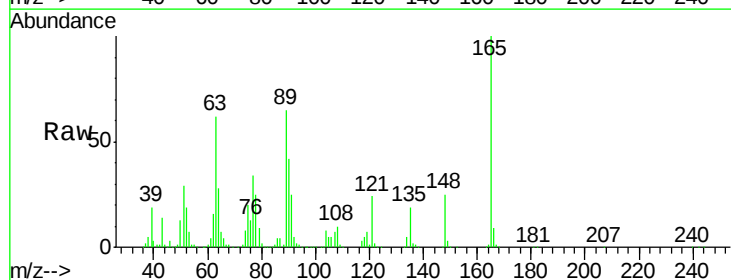
Tgt Ion:165 Resp: 461198

Ion Ratio Lower Upper

165 100

63 61.6 41.7 62.5

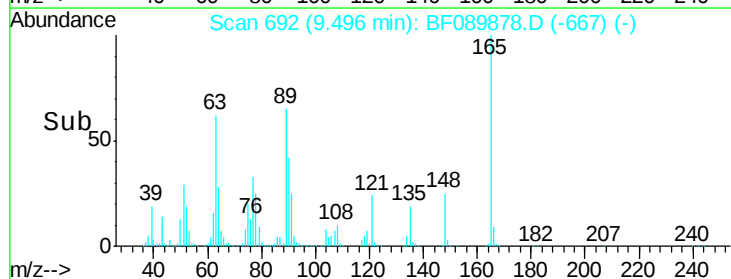
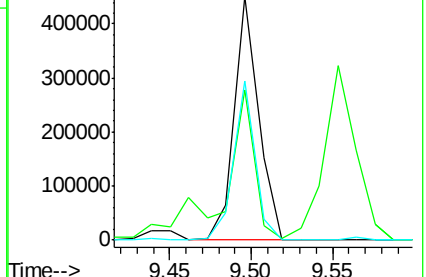
89 65.1 44.6 67.0

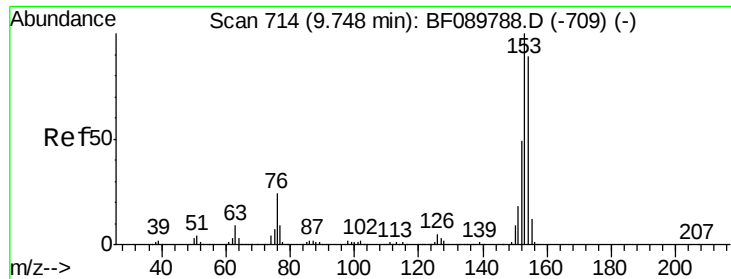


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.54 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

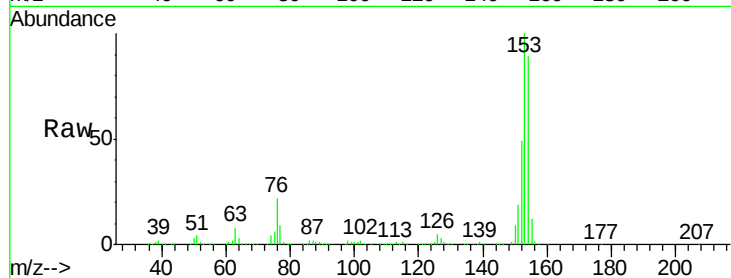
Tgt Ion:154 Resp: 1991746

Ion Ratio Lower Upper

154 100

153 112.7 90.5 135.7

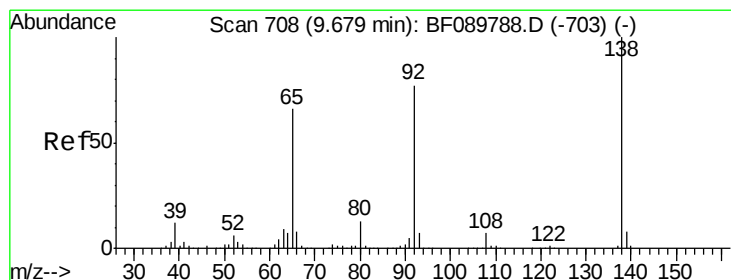
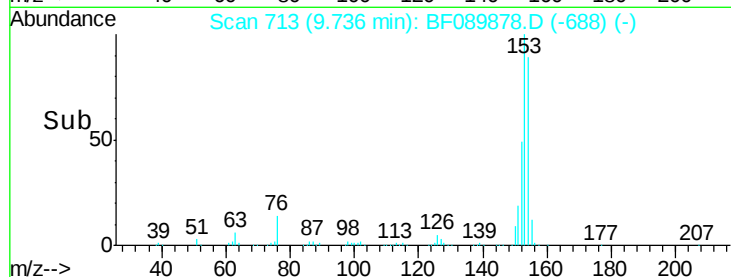
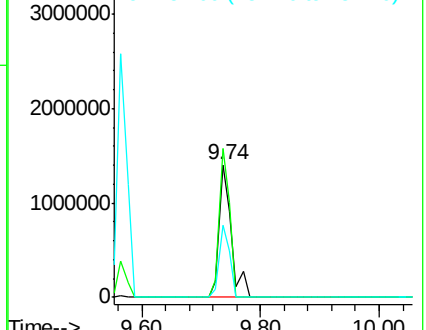
152 54.9 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.22 ng

RT: 9.66 min Scan# 706

Delta R.T. -0.02 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

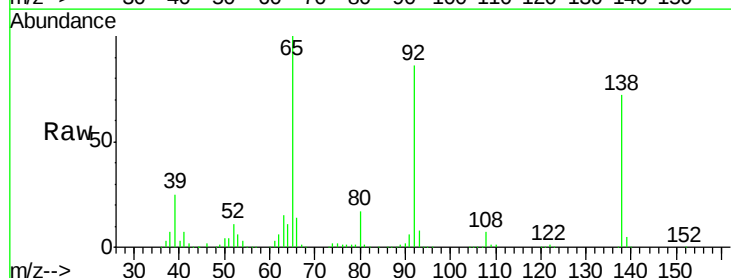
Tgt Ion:138 Resp: 343835

Ion Ratio Lower Upper

138 100

108 9.6 8.1 12.1

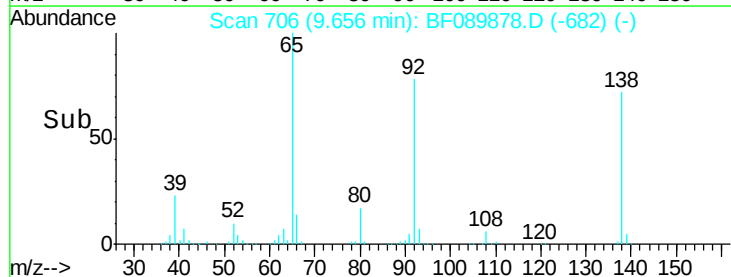
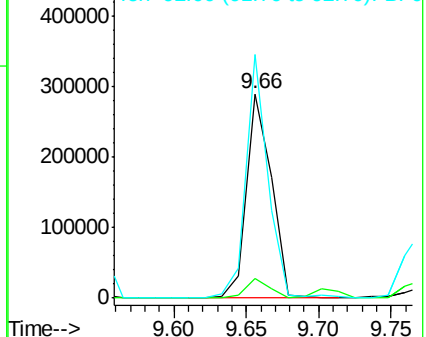
92 119.4 92.7 139.1

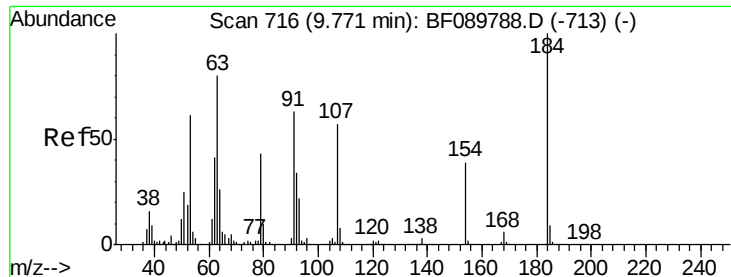


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

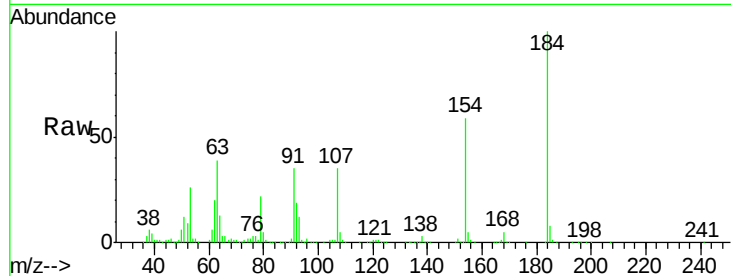




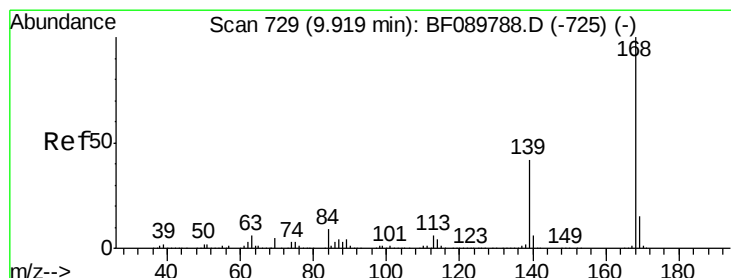
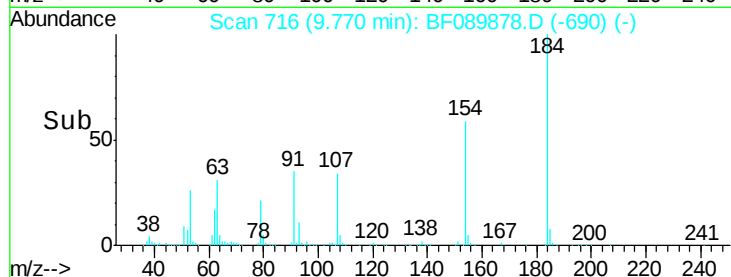
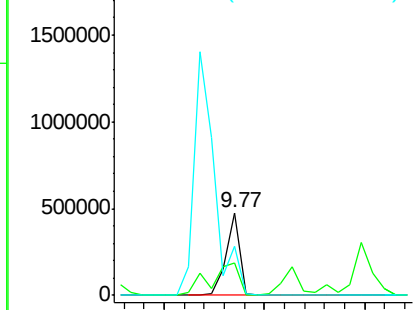
#53
2,4-Dinitrophenol
Concen: 65.66 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Instrument :
BNA_F
ClientSampleId :
PB93061BS

Tgt Ion:184 Resp: 456106
Ion Ratio Lower Upper
184 100
63 39.4 54.2 81.4#
154 58.8 52.7 79.1

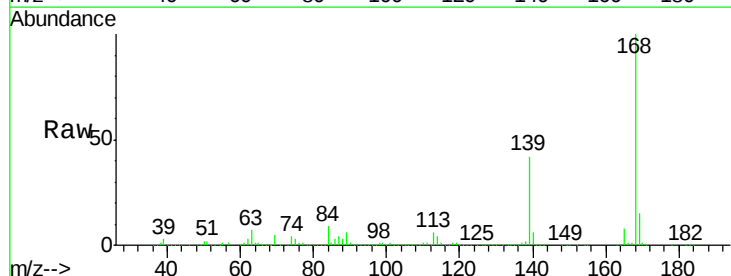


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

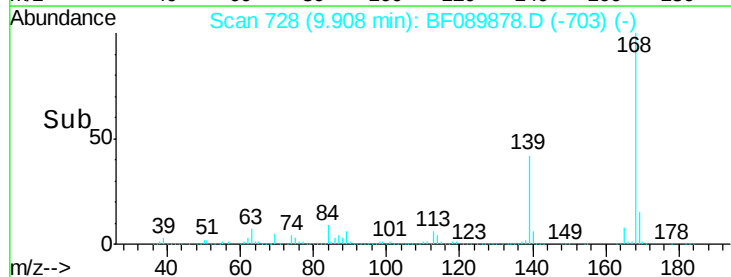
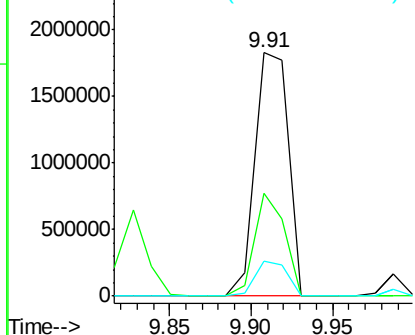


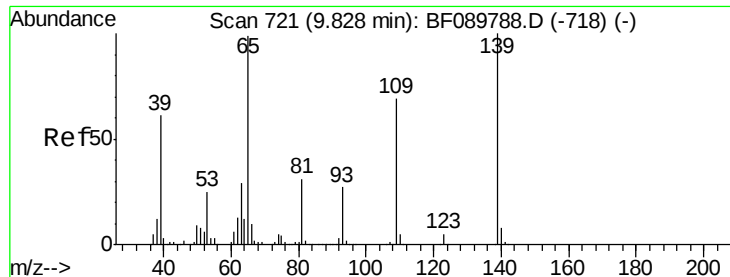
#54
Dibenzofuran
Concen: 43.24 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:168 Resp: 2604258
Ion Ratio Lower Upper
168 100
139 42.1 34.6 52.0
169 14.6 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

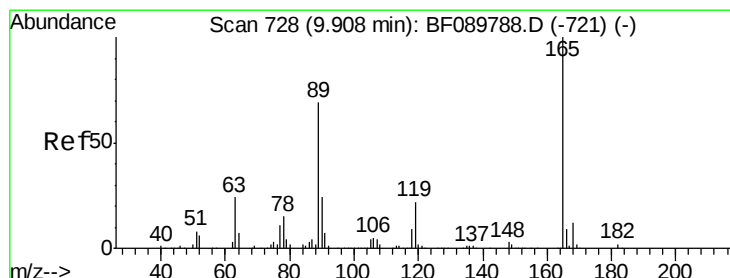
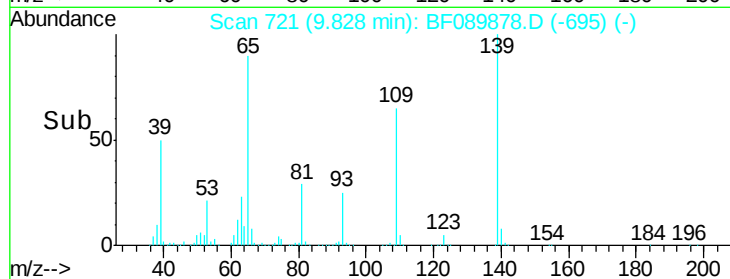
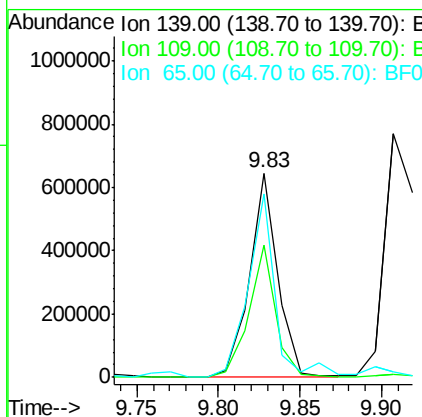
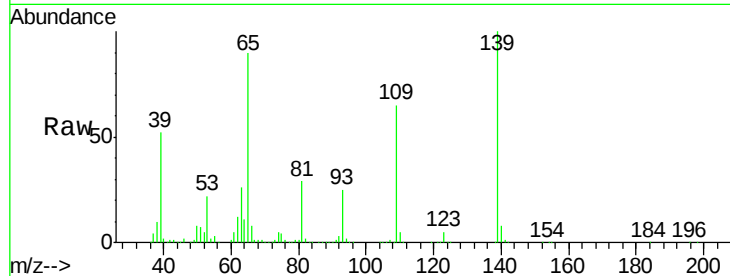




#55
4-Nitrophenol
Concen: 66.72 ng
RT: 9.83 min Scan# 721
Delta R.T. 0.00 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

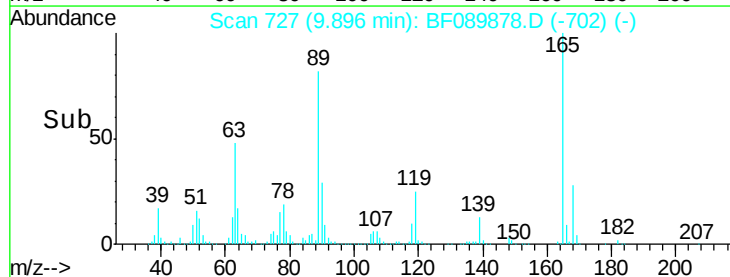
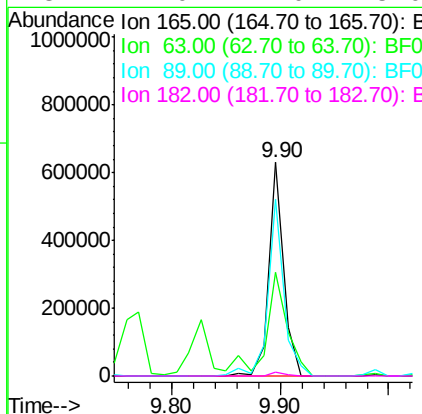
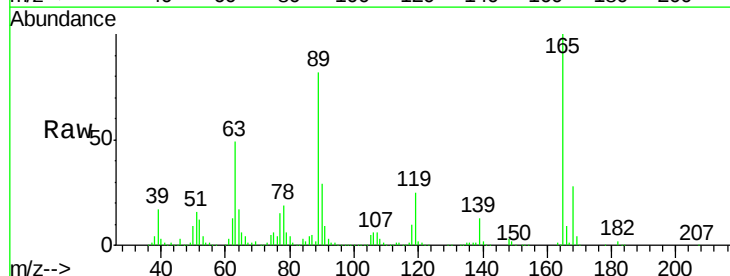
Instrument :
BNA_F
ClientSampleId :
PB93061BS

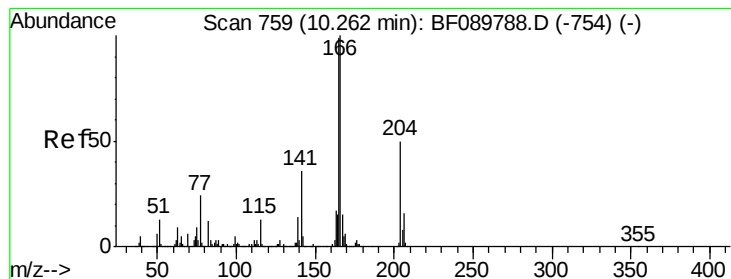
Tgt Ion:139 Resp: 773000
Ion Ratio Lower Upper
139 100
109 64.6 43.0 83.0
65 90.0 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 36.27 ng
RT: 9.90 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

Tgt Ion:165 Resp: 602994
Ion Ratio Lower Upper
165 100
63 48.5 23.7 35.5#
89 82.5 44.0 66.0#
182 2.0 2.0 3.0#





#57

Fluorene

Concen: 35.93 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

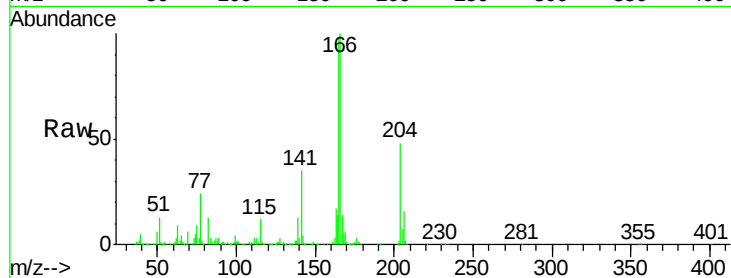
Tgt Ion:166 Resp: 1724218

Ion Ratio Lower Upper

166 100

165 97.6 80.2 120.4

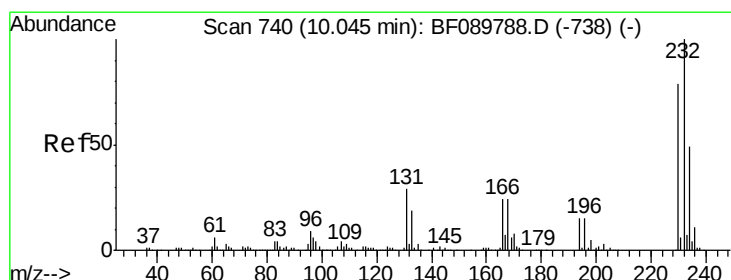
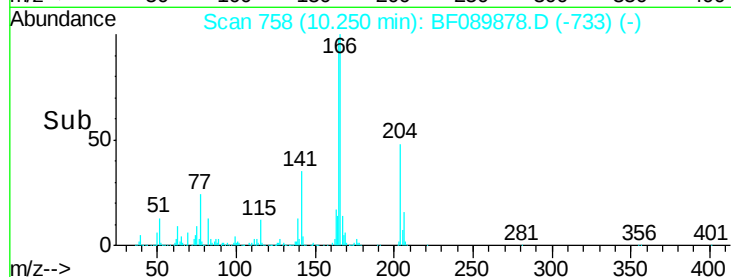
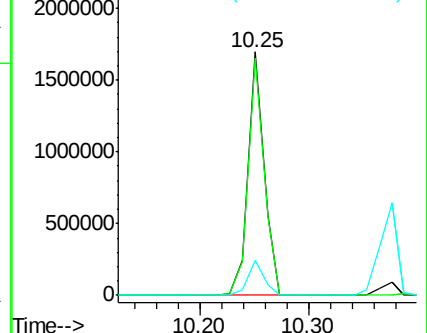
167 14.3 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.35 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion:232 Resp: 550372

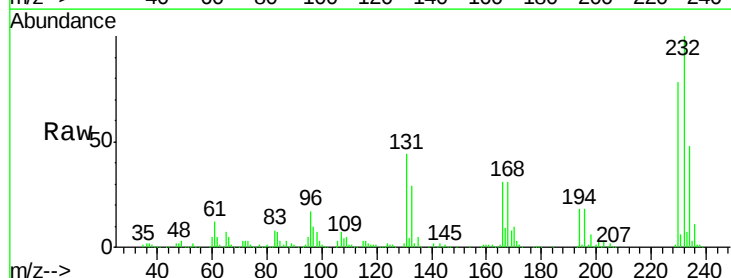
Ion Ratio Lower Upper

232 100

131 50.2 42.5 63.7

130 2.3 2.2 3.4

166 33.3 27.3 40.9

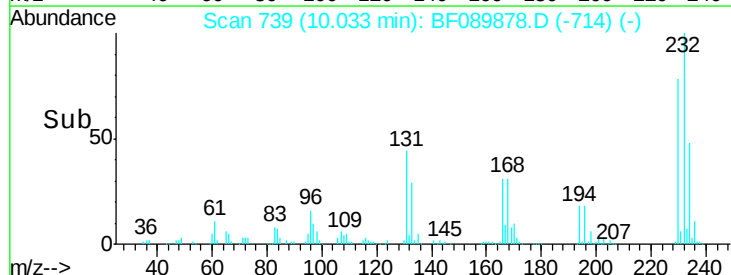
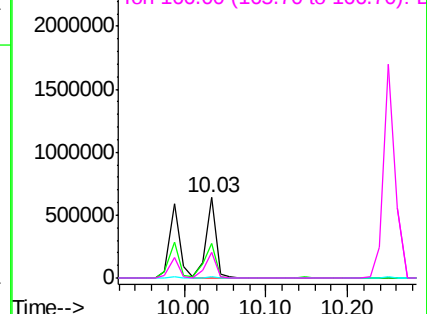


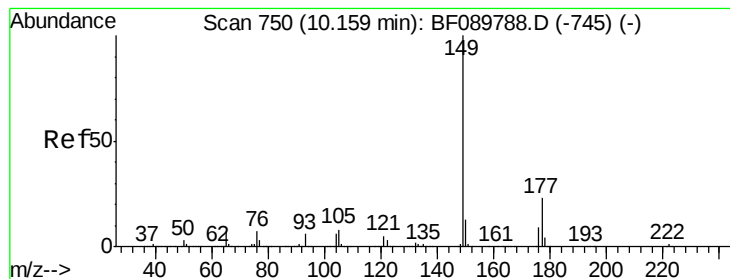
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.53 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

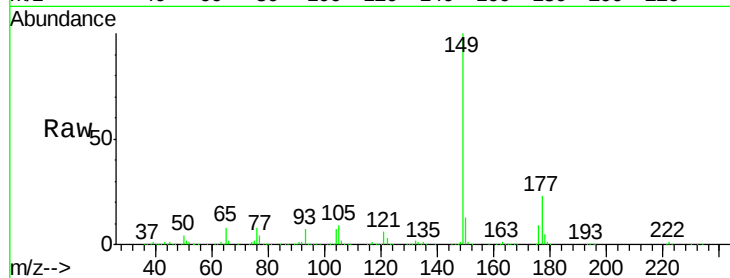
Tgt Ion:149 Resp: 2228472

Ion Ratio Lower Upper

149 100

177 22.5 16.6 25.0

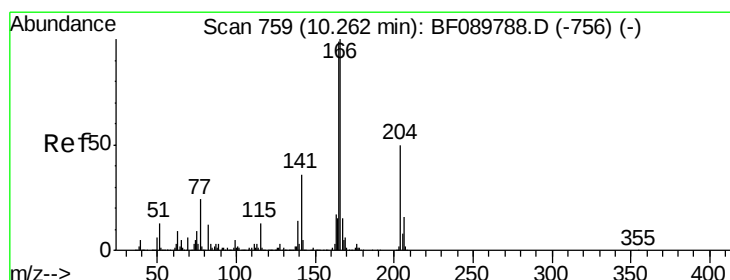
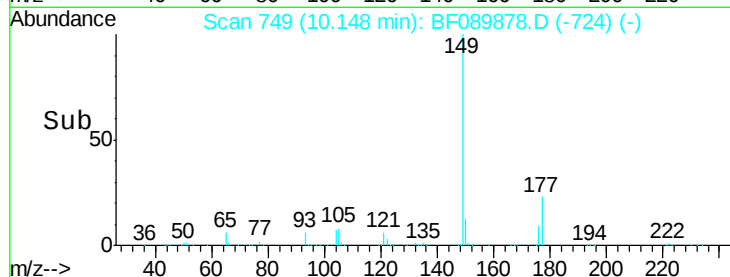
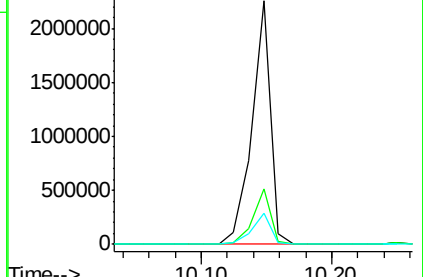
150 13.0 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 35.52 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

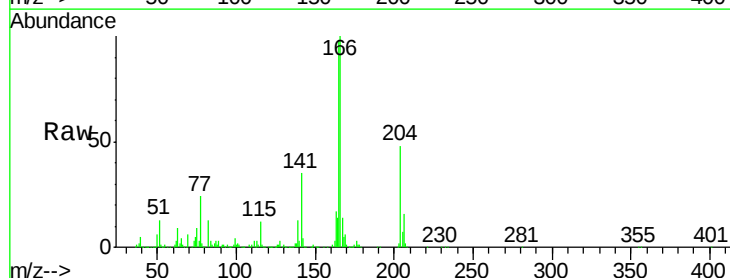
Tgt Ion:204 Resp: 777671

Ion Ratio Lower Upper

204 100

206 32.6 26.5 39.7

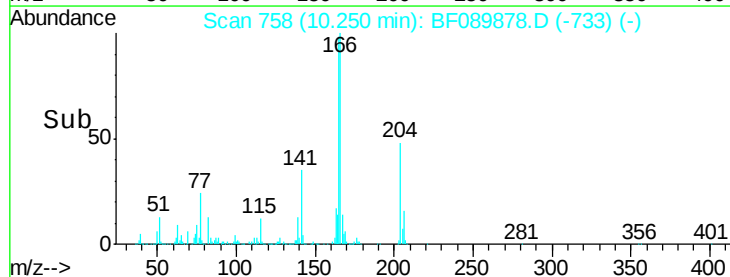
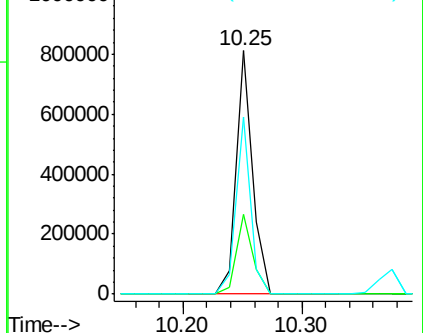
141 72.8 54.1 81.1

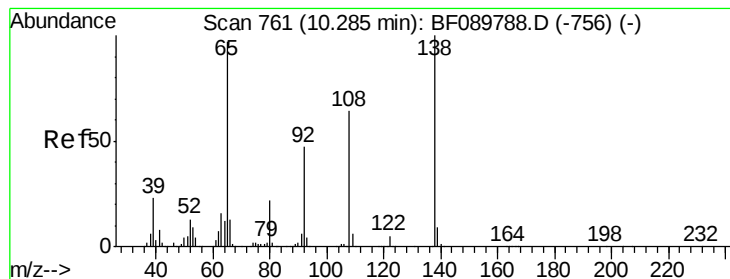


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.10 ng

RT: 10.27 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

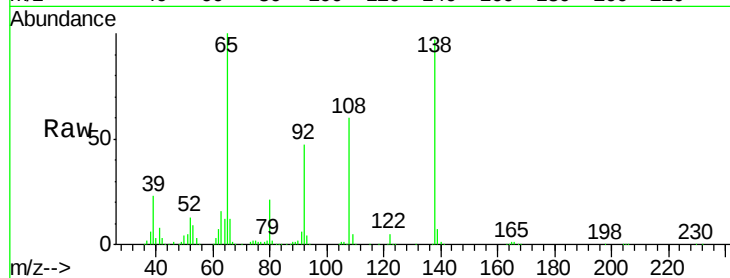
Tgt Ion:138 Resp: 480472

Ion Ratio Lower Upper

138 100

92 48.3 26.4 66.4

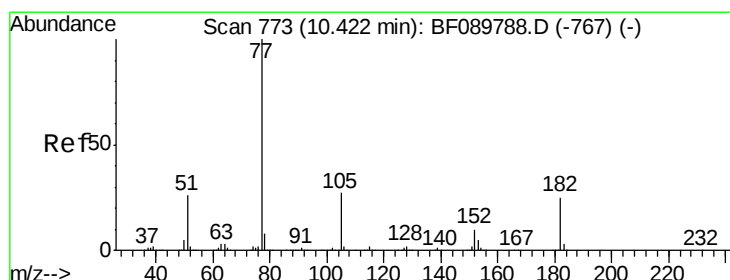
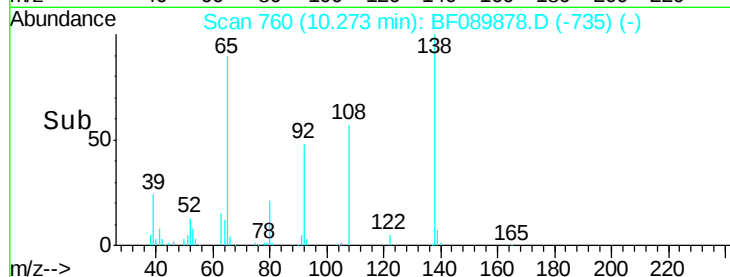
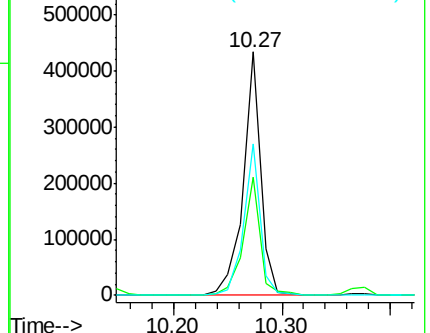
108 62.4 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.41 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Tgt Ion: 77 Resp: 2141606

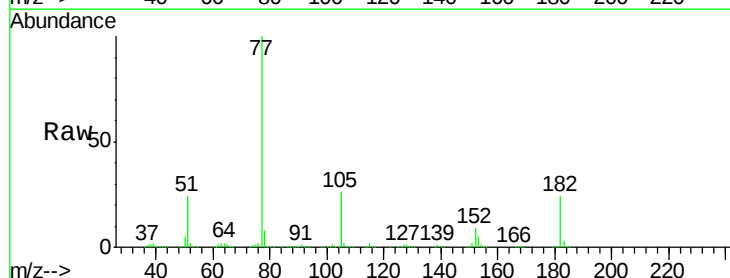
Ion Ratio Lower Upper

77 100

182 24.0 5.6 45.6

105 26.1 4.0 44.0

51 23.6 7.8 47.8

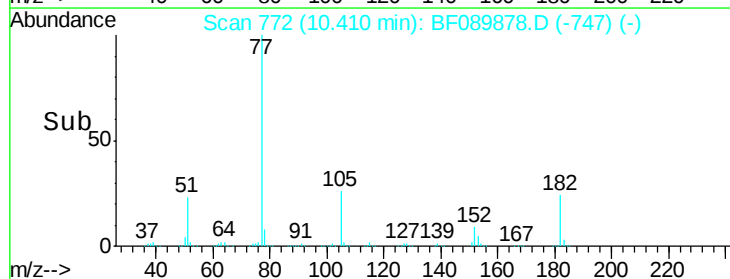
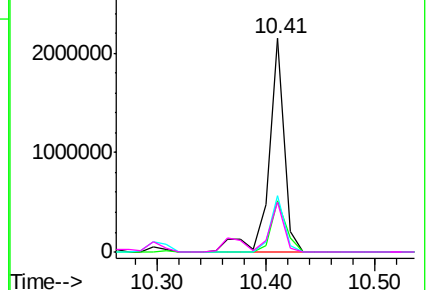


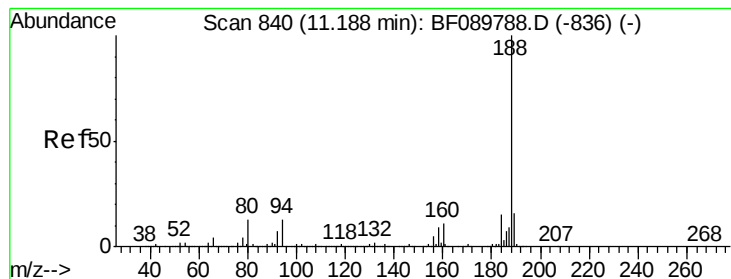
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

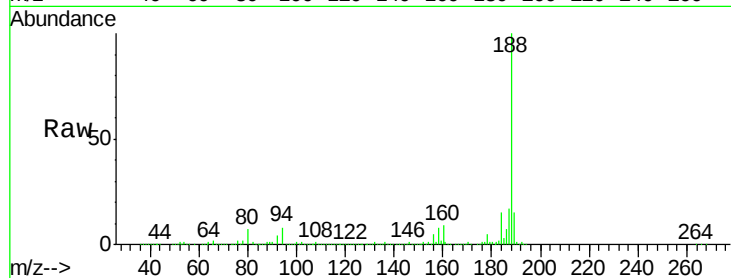
Tgt Ion:188 Resp: 1420523

Ion Ratio Lower Upper

188 100

94 7.6 10.2 15.2#

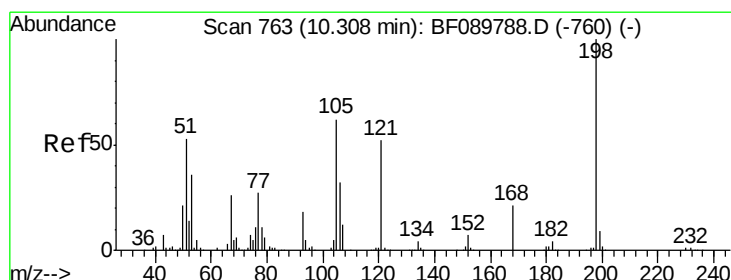
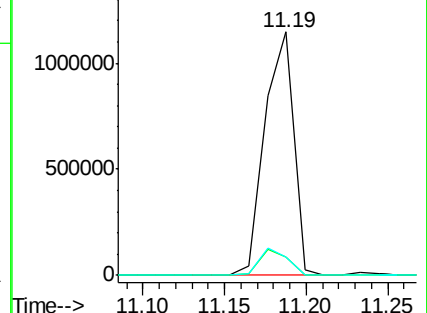
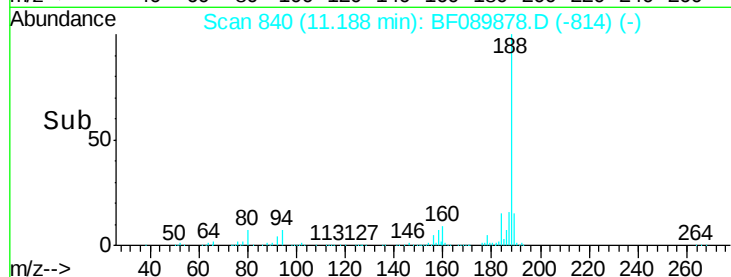
80 7.4 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 35.24 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

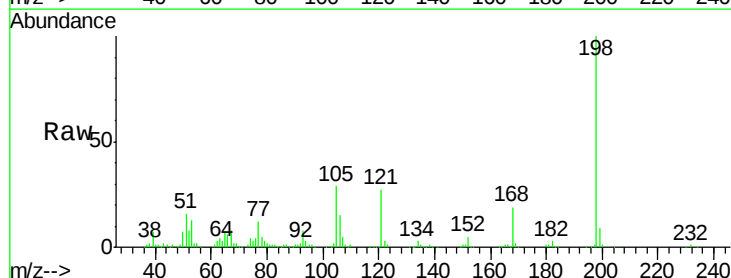
Tgt Ion:198 Resp: 287666

Ion Ratio Lower Upper

198 100

51 16.4 32.3 72.3#

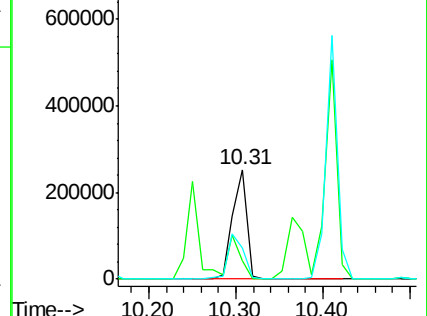
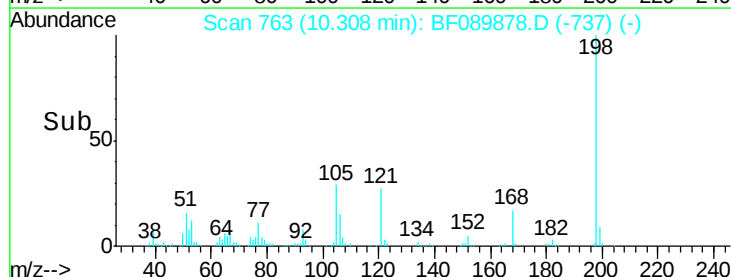
105 28.9 32.9 72.9#

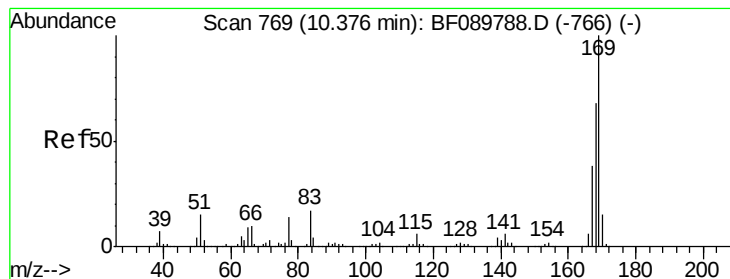


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.58 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

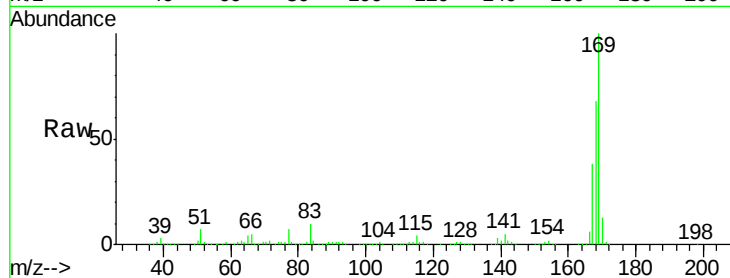
Tgt Ion:169 Resp: 1857356

Ion Ratio Lower Upper

169 100

168 68.1 54.6 82.0

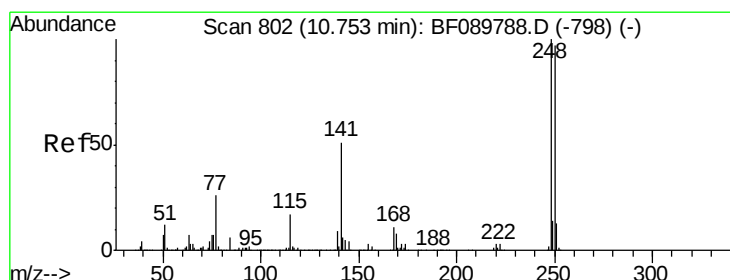
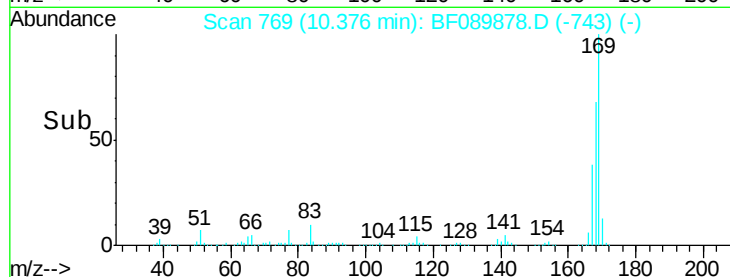
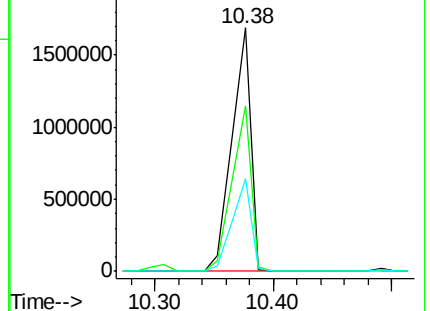
167 38.0 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.95 ng

RT: 10.74 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

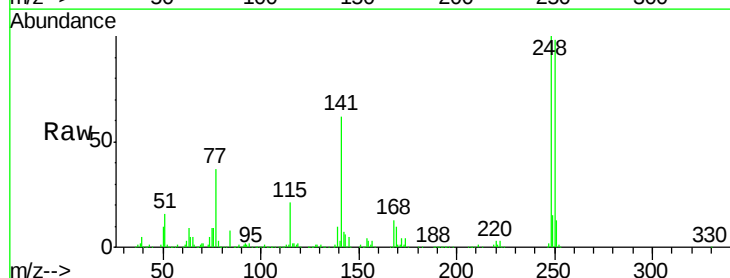
Tgt Ion:248 Resp: 580043

Ion Ratio Lower Upper

248 100

250 97.7 78.6 117.8

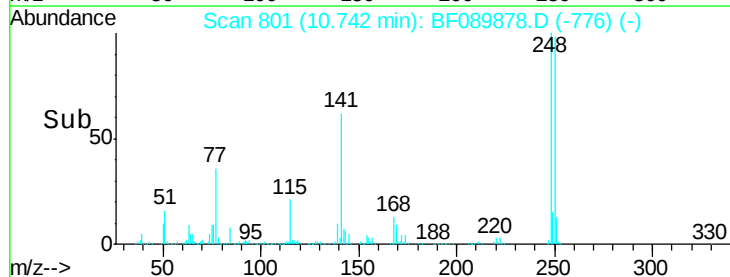
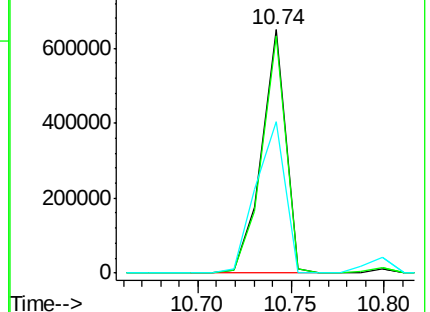
141 62.0 31.4 47.2#

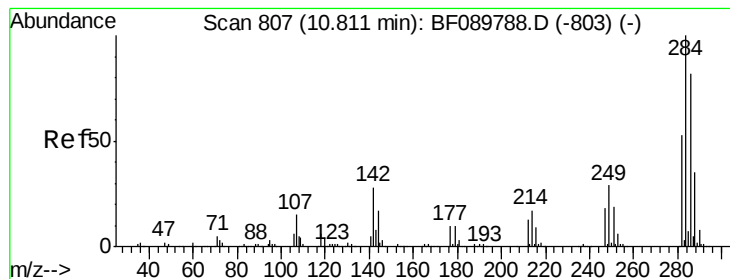


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.45 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

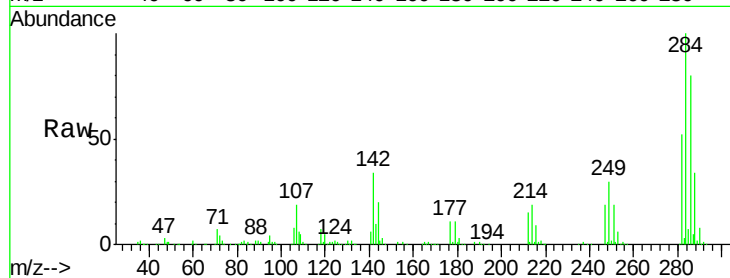
Tgt Ion:284 Resp: 619348

Ion Ratio Lower Upper

284 100

142 34.1 17.4 26.2#

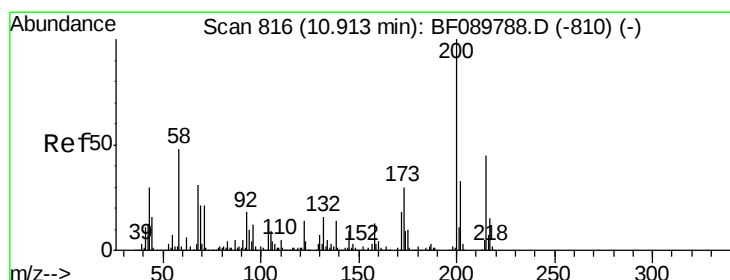
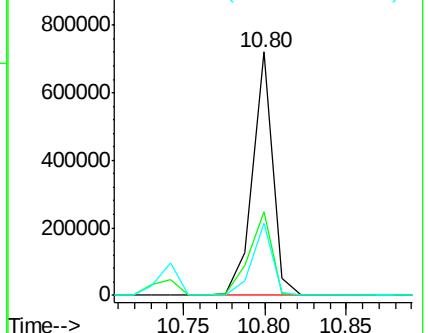
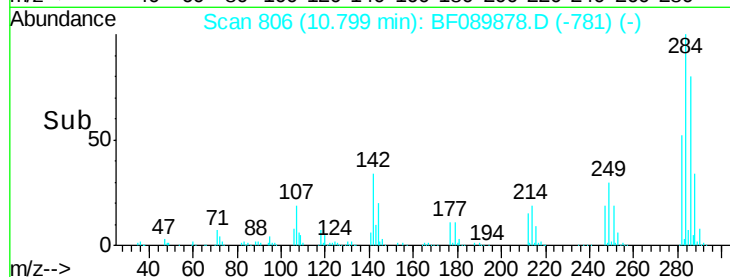
249 29.8 22.8 34.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.57 ng

RT: 10.90 min Scan# 815

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

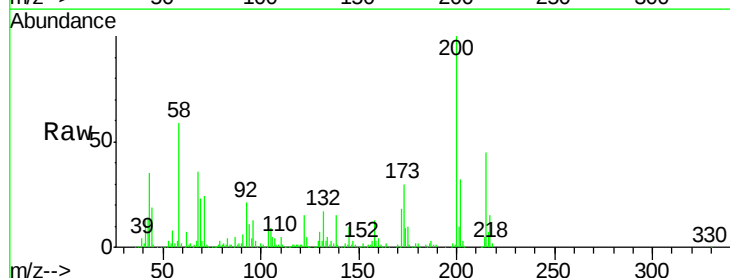
Tgt Ion:200 Resp: 486543

Ion Ratio Lower Upper

200 100

173 30.2 6.6 46.6

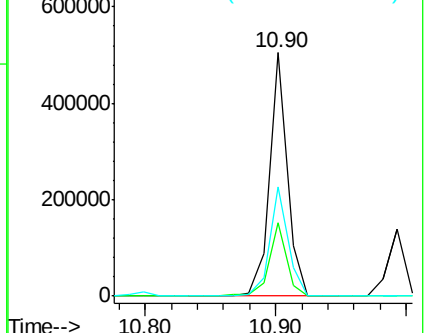
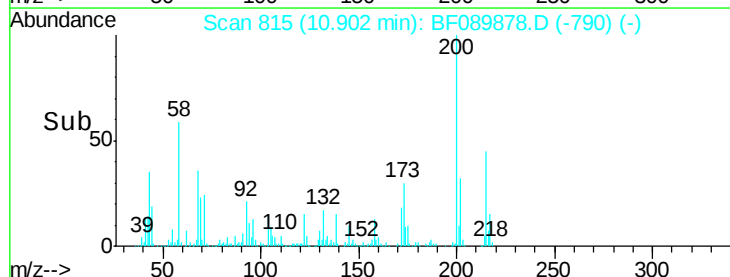
215 45.1 24.7 64.7

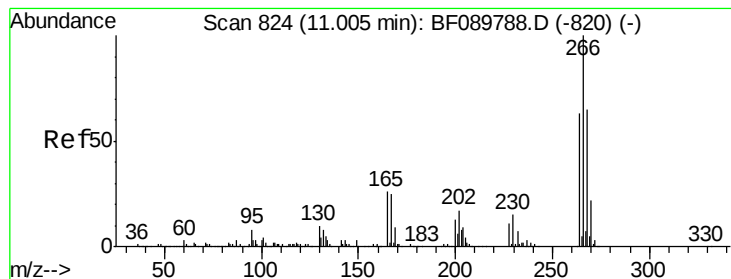


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 68.79 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

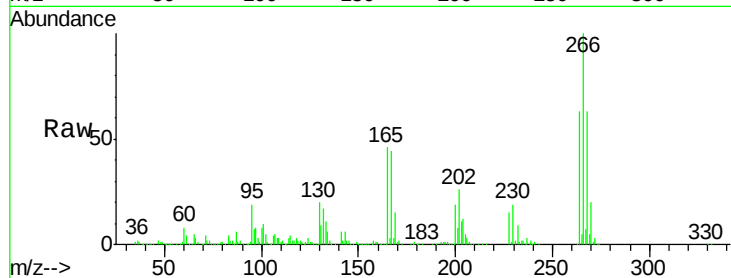
Tgt Ion:266 Resp: 662465

Ion Ratio Lower Upper

266 100

268 63.0 53.2 79.8

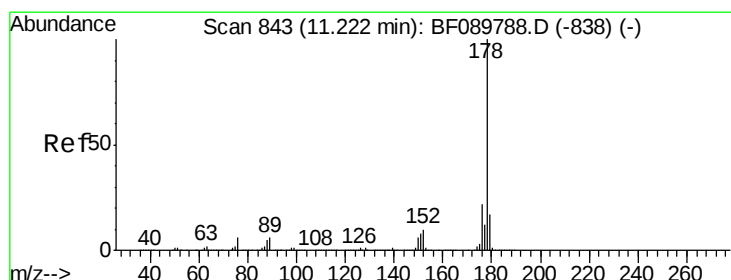
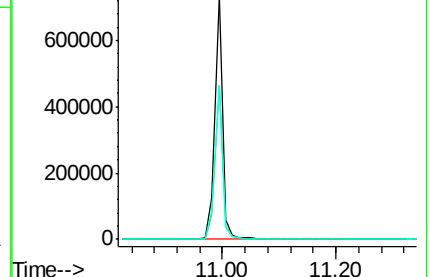
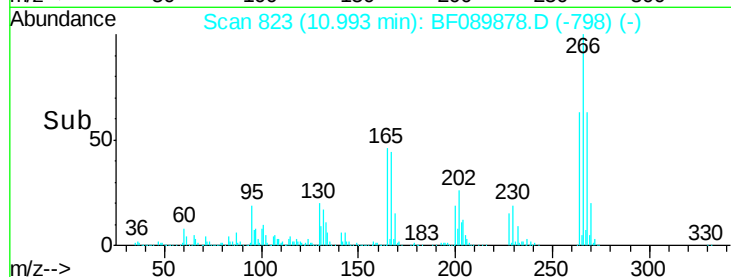
264 63.4 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 41.35 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

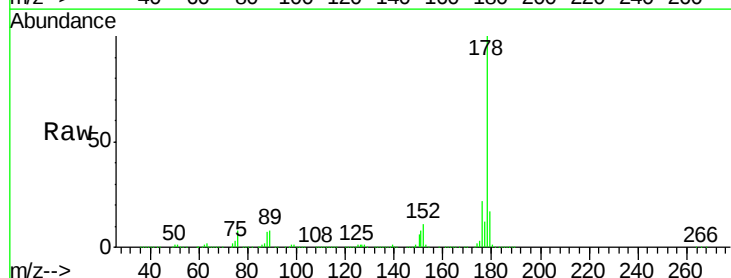
Tgt Ion:178 Resp: 2966461

Ion Ratio Lower Upper

178 100

176 21.8 16.4 24.6

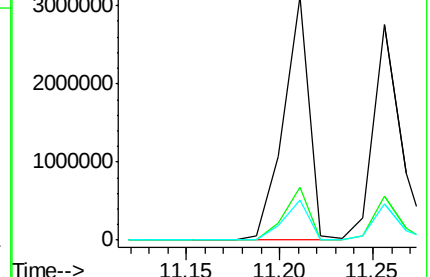
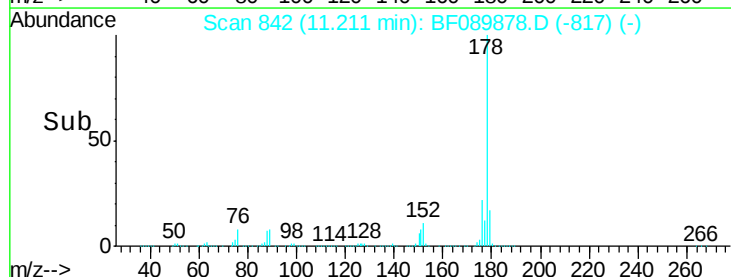
179 16.7 12.5 18.7

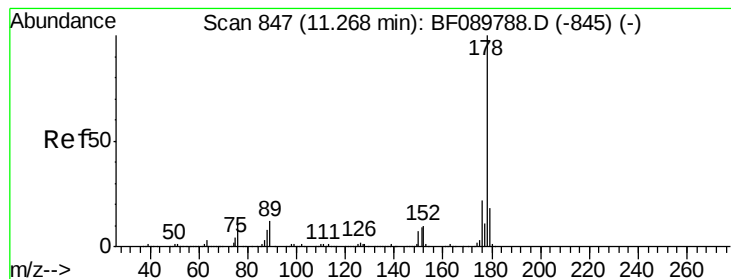


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 37.02 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

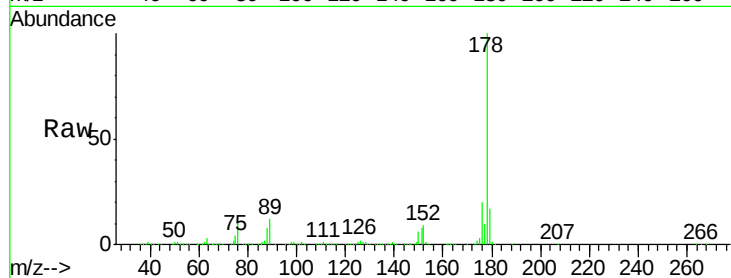
Tgt Ion:178 Resp: 2699943

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

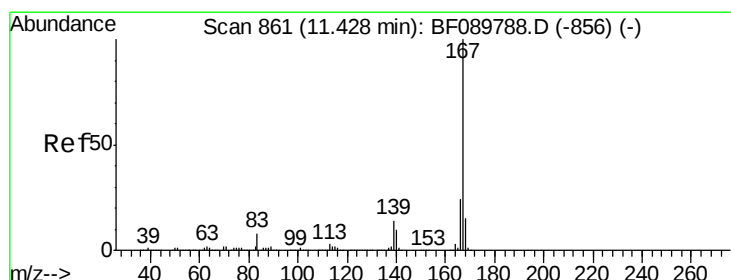
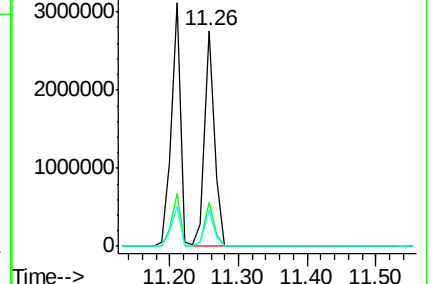
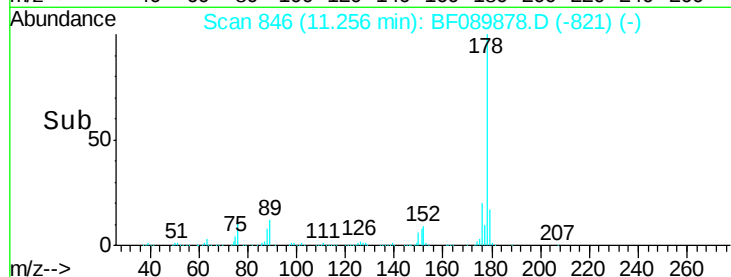
179 16.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 41.64 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

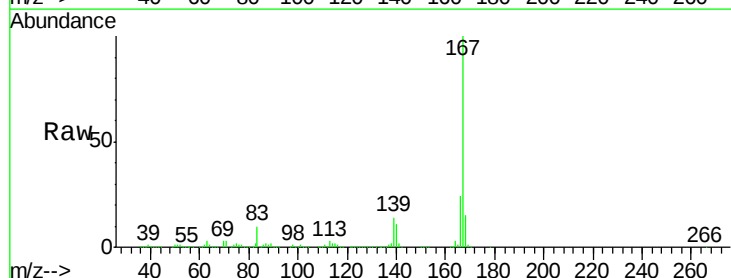
Tgt Ion:167 Resp: 2723684

Ion Ratio Lower Upper

167 100

166 23.5 17.9 26.9

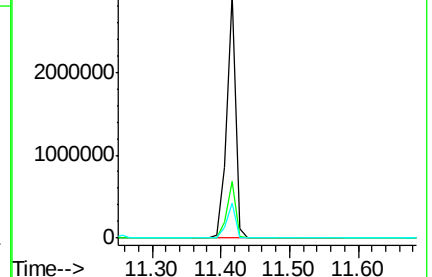
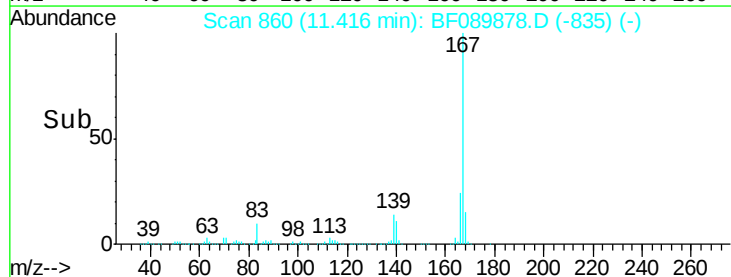
139 14.2 12.4 18.6

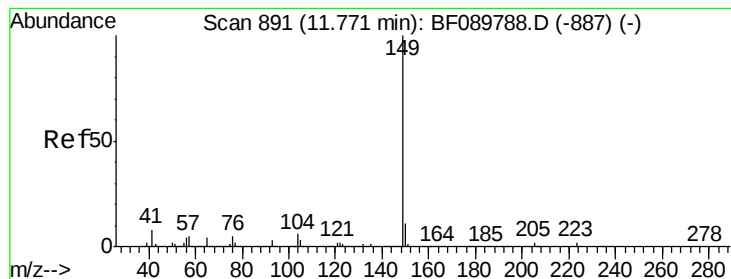


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.89 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

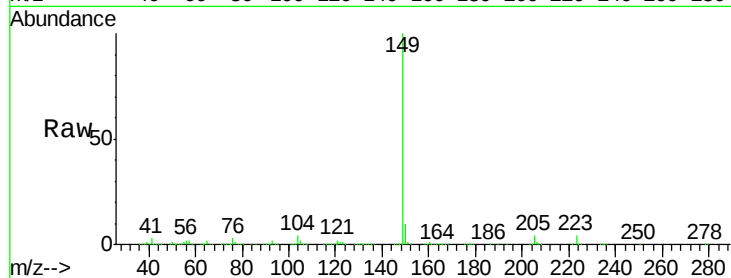
Tgt Ion:149 Resp: 3346838

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

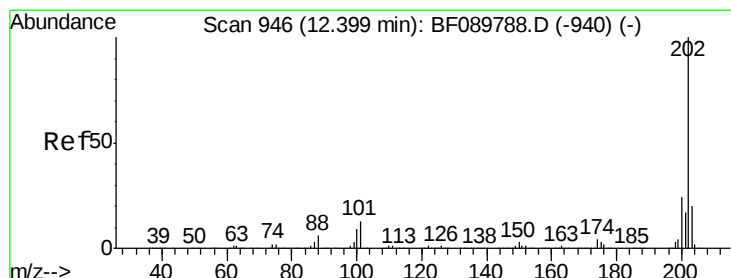
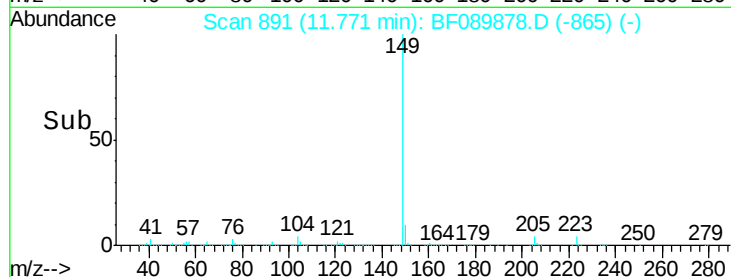
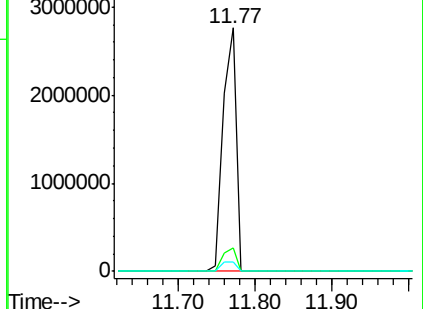
104 3.6 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.14 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

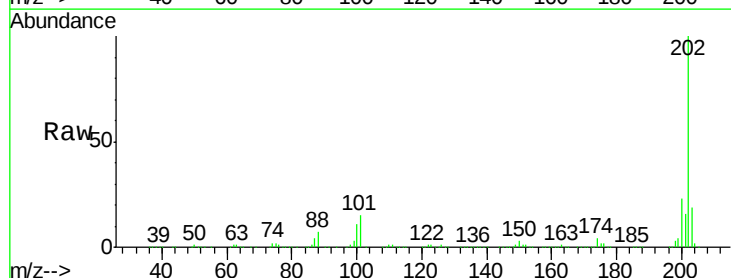
Tgt Ion:202 Resp: 2671296

Ion Ratio Lower Upper

202 100

101 15.4 0.0 31.2

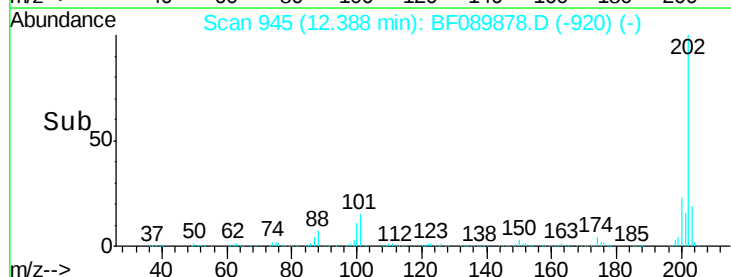
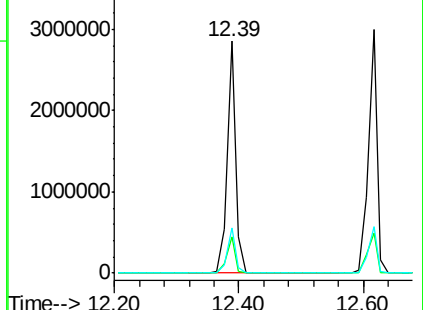
203 19.3 0.0 38.1

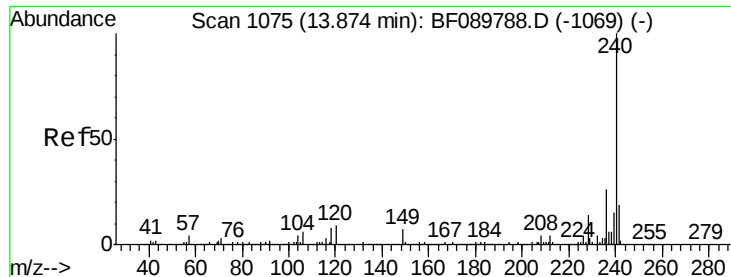


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.03 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

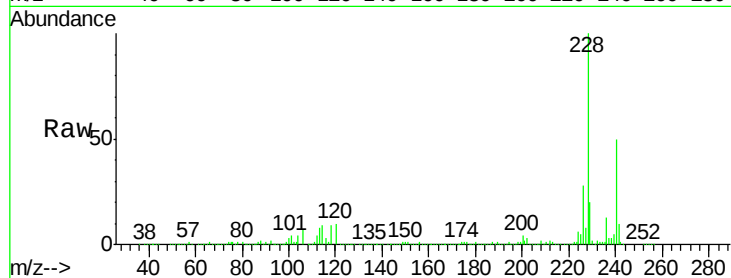
Tgt Ion:240 Resp: 1043361

Ion Ratio Lower Upper

240 100

120 20.0 8.3 12.5#

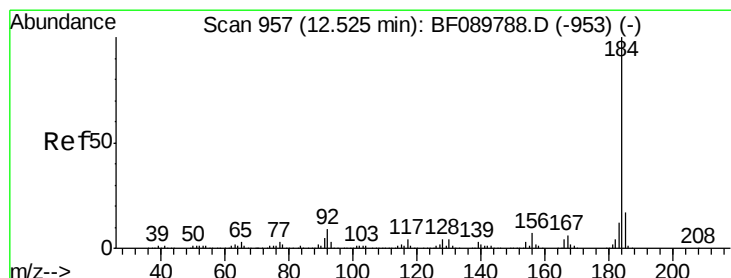
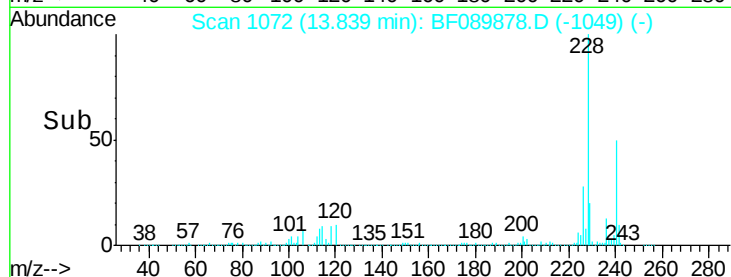
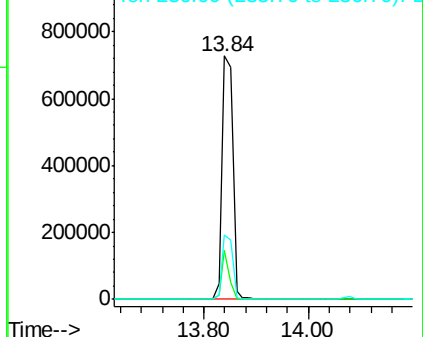
236 26.4 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.11 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

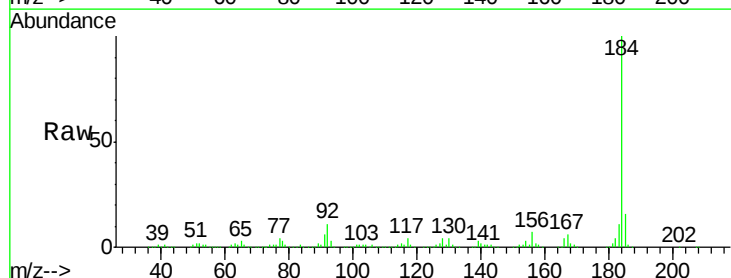
Tgt Ion:184 Resp: 1151668

Ion Ratio Lower Upper

184 100

185 16.0 13.8 20.8

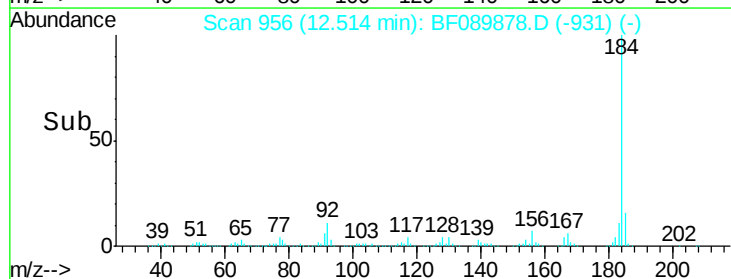
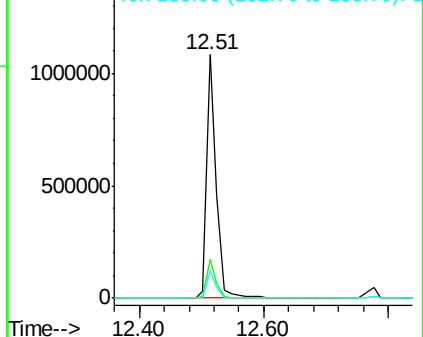
183 11.2 9.7 14.5

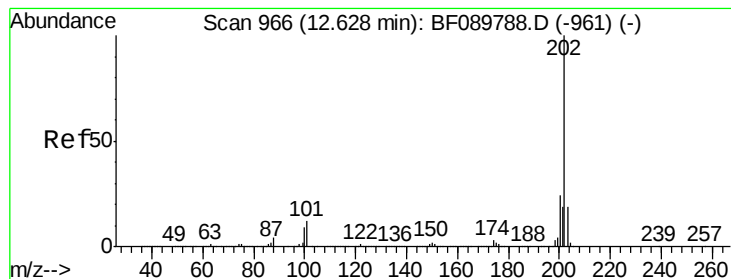


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.51 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

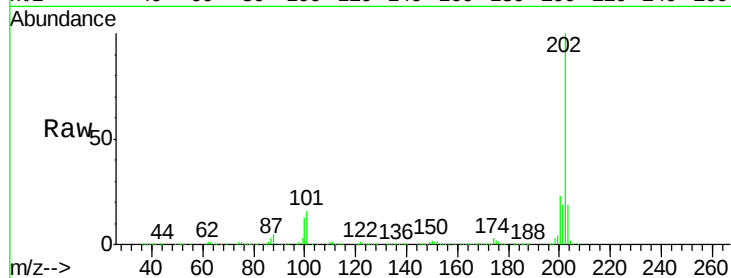
Tgt Ion:202 Resp: 2846865

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.6

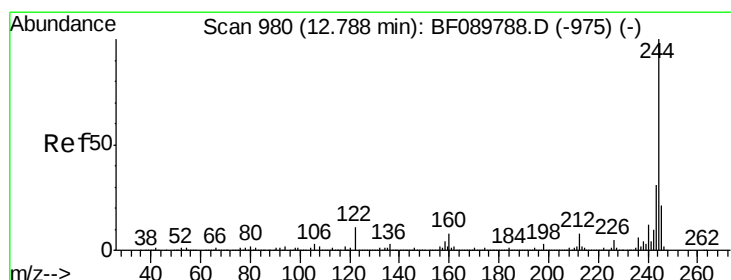
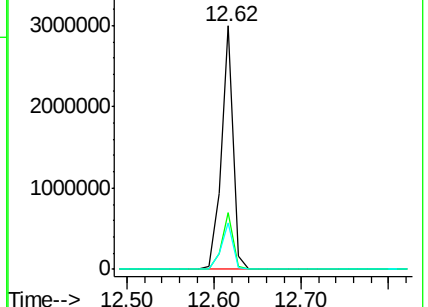
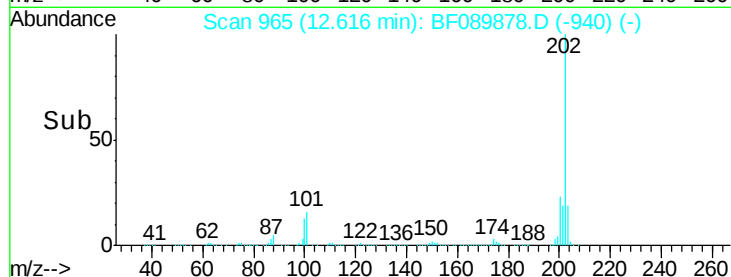
203 18.9 14.2 21.4



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: 67.93 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

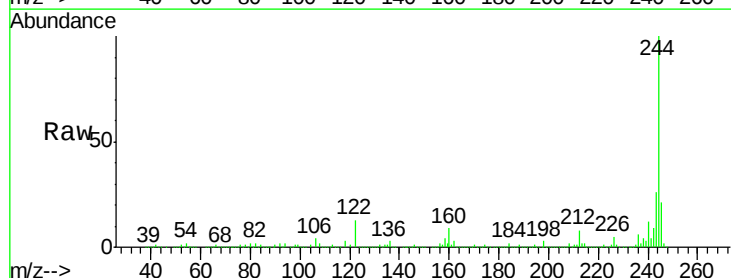
Tgt Ion:244 Resp: 3132809

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

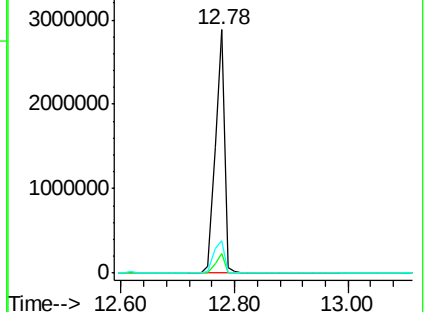
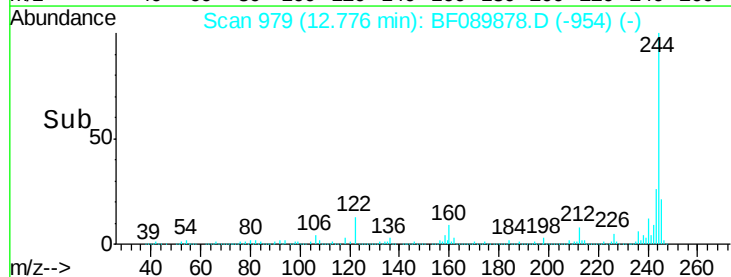
122 13.2 12.0 18.0

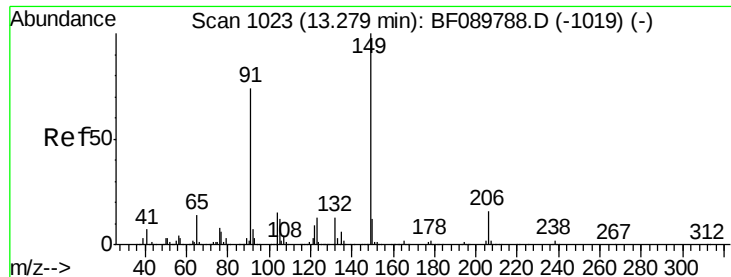


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

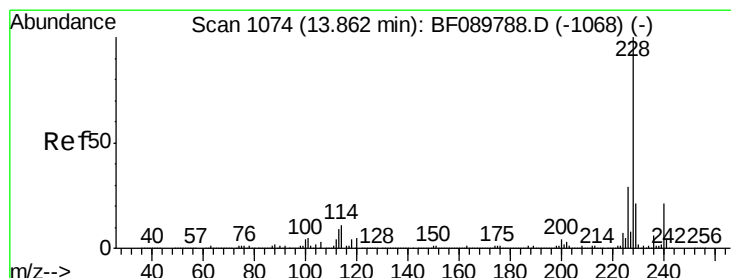
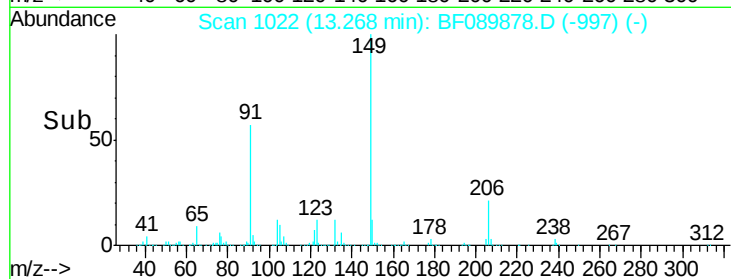
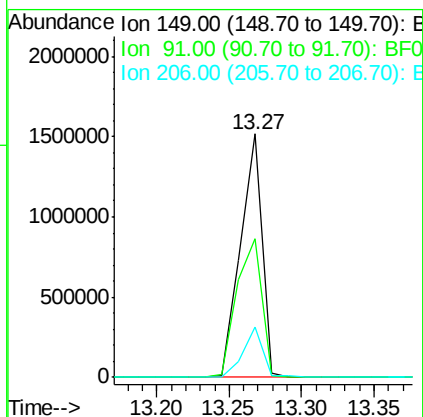
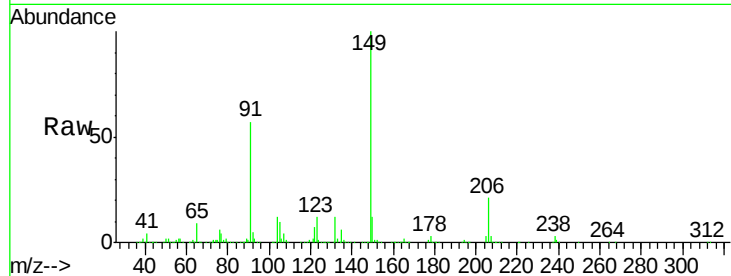




#79
Butylbenzylphthalate
Concen: 41.06 ng
RT: 13.27 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

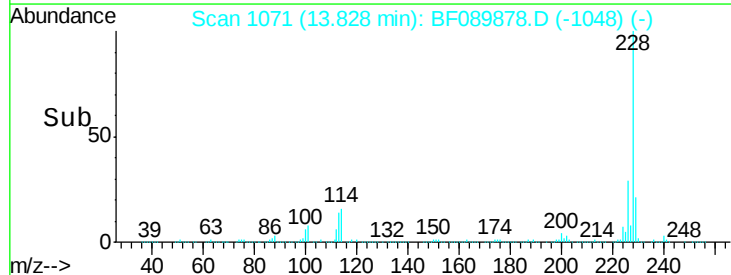
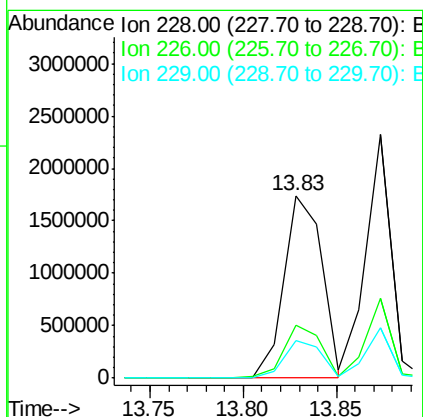
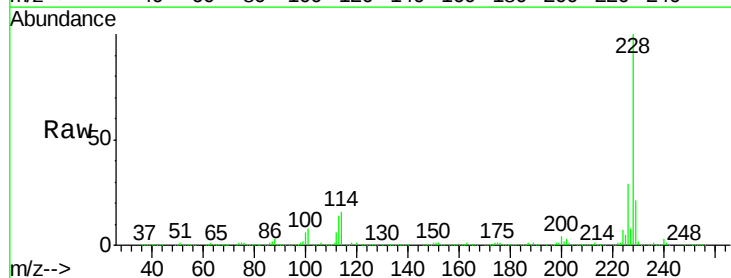
Instrument :
BNA_F
ClientSampleId :
PB93061BS

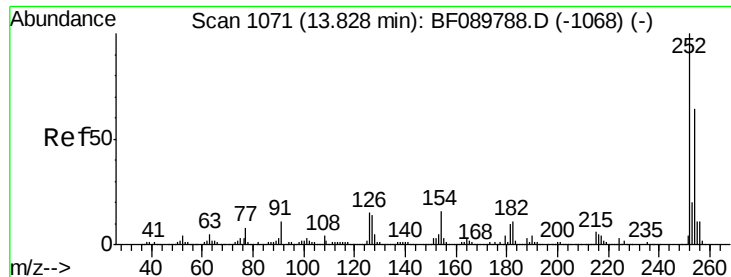
Tgt Ion:149 Resp: 1575622
Ion Ratio Lower Upper
149 100
91 56.8 50.7 76.1
206 20.7 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.44 ng
RT: 13.83 min Scan# 1071
Delta R.T. -0.03 min
Lab File: BF089878.D
Acq: 24 Aug 2016 16:55

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

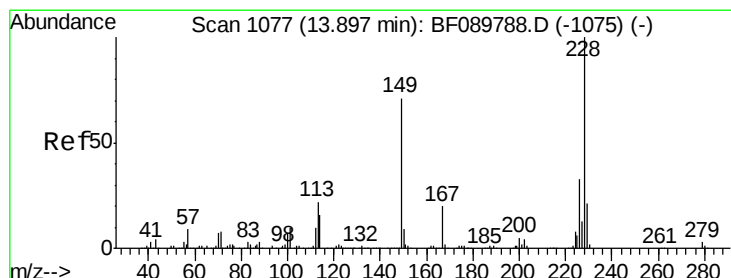
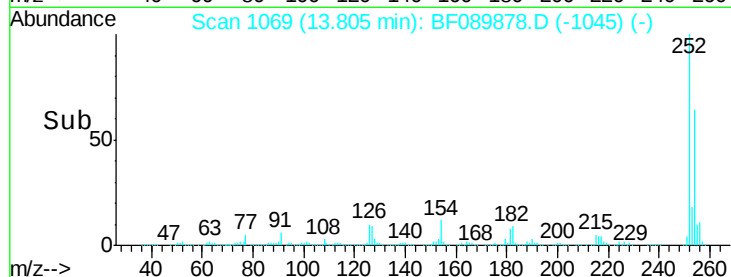
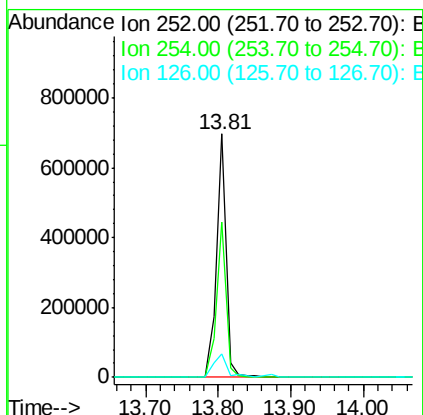
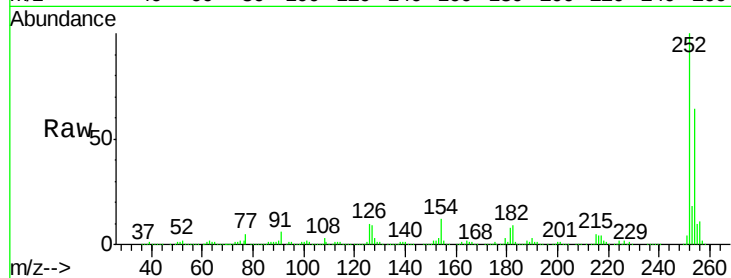




#81
 3,3'-Dichlorobenzidine
 Concen: 32.88 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

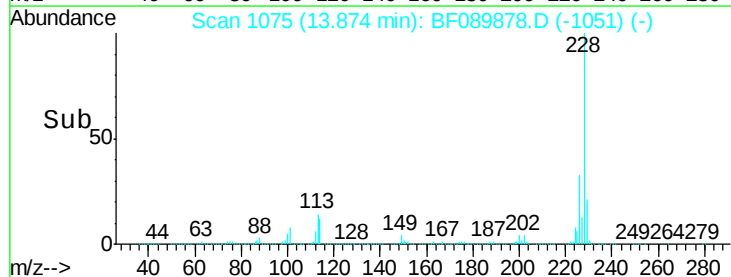
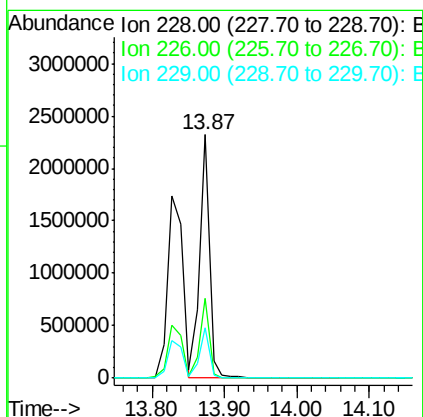
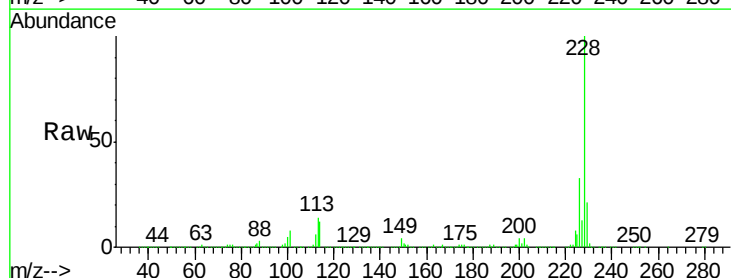
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

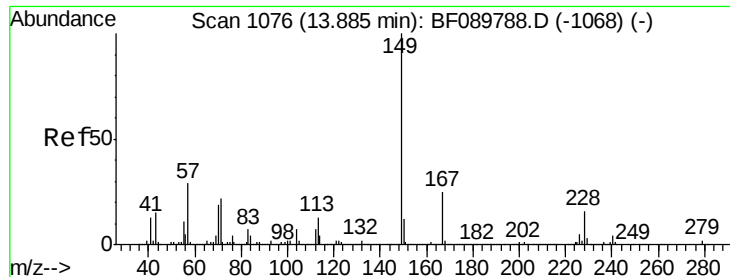
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	50.6	75.8
126	9.8	12.6	18.8



#82
 Chrysene
 Concen: 42.97 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

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

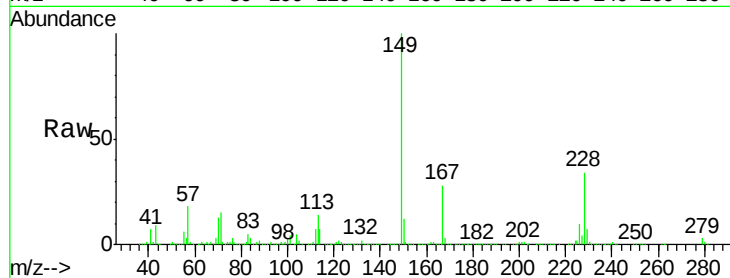




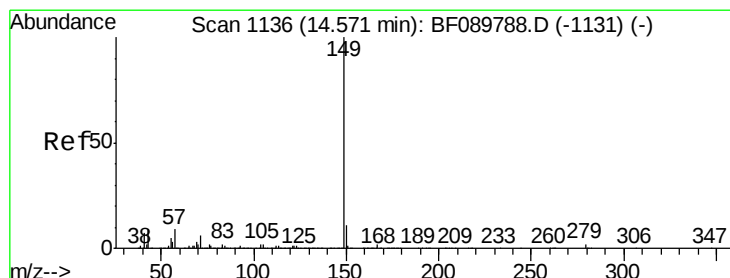
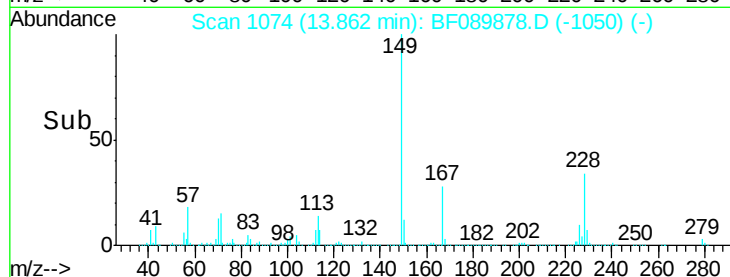
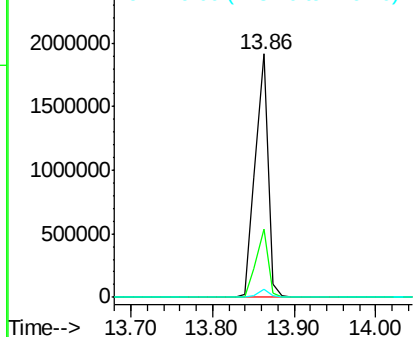
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.96 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.02 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

Tgt Ion:149 Resp: 2059673
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.2 31.8
 279 3.4 2.9 4.3

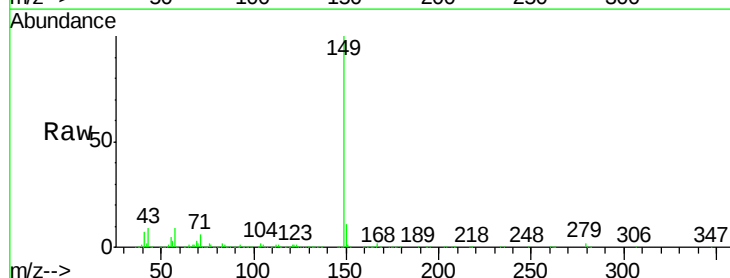


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

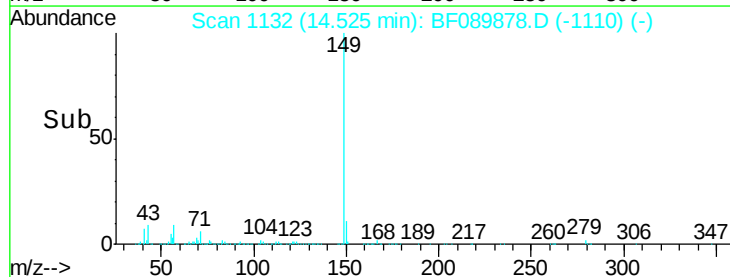
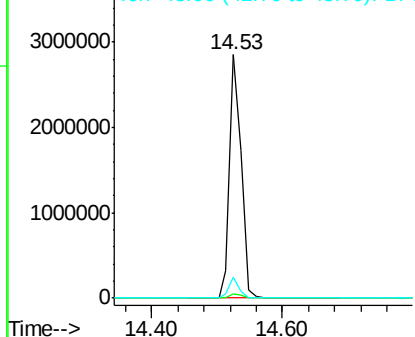


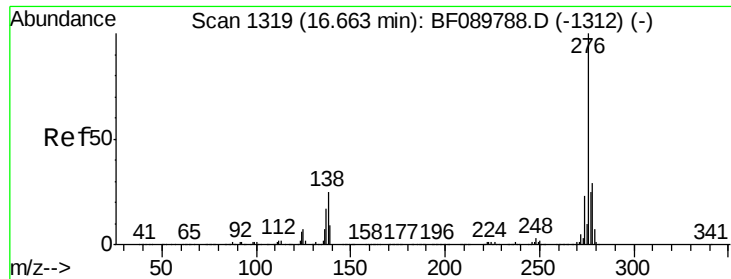
#84
 Di-n-octyl phthalate
 Concen: 49.45 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.05 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:149 Resp: 3473434
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 7.7 8.4 12.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

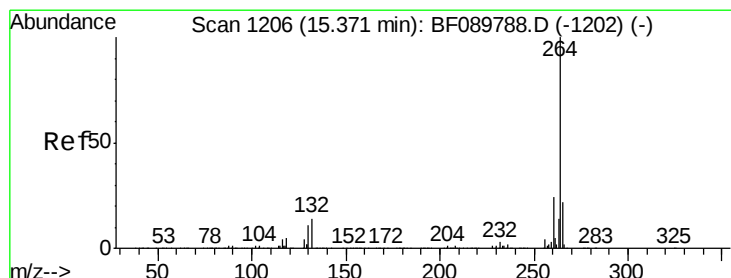
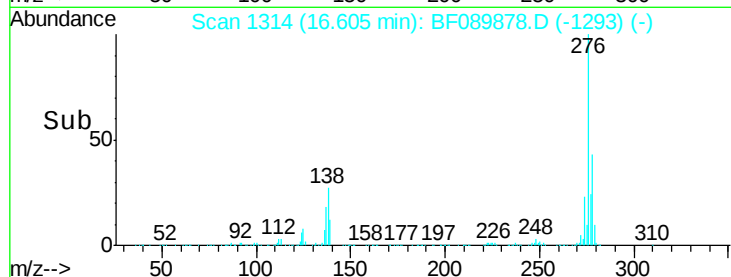
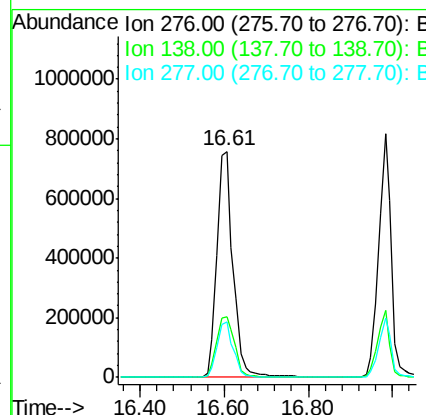
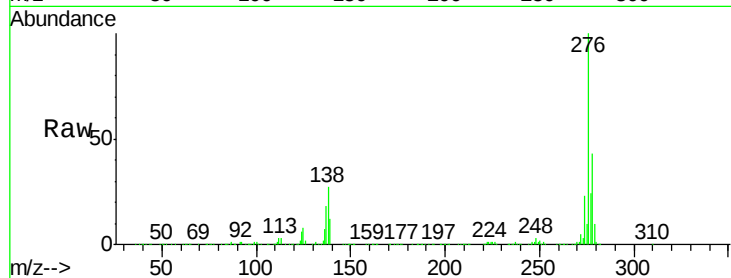




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.10 ng
 RT: 16.61 min Scan# 1314
 Delta R.T. -0.06 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

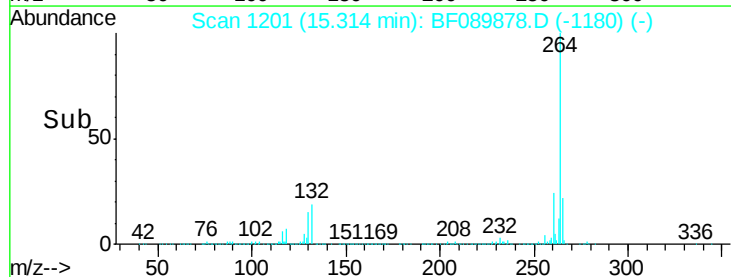
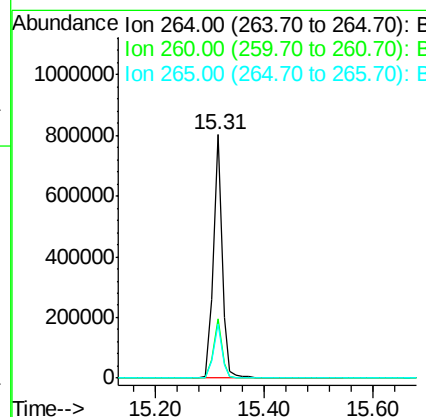
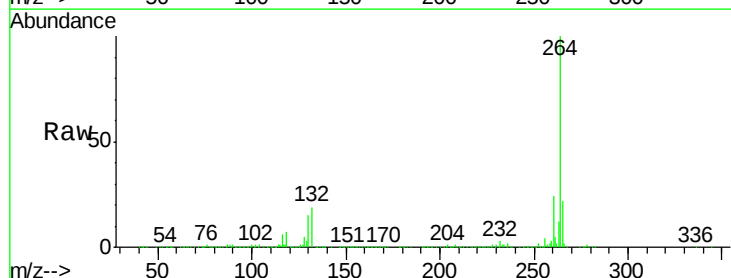
Instrument :
 BNA_F
 ClientSampleId :
 PB93061BS

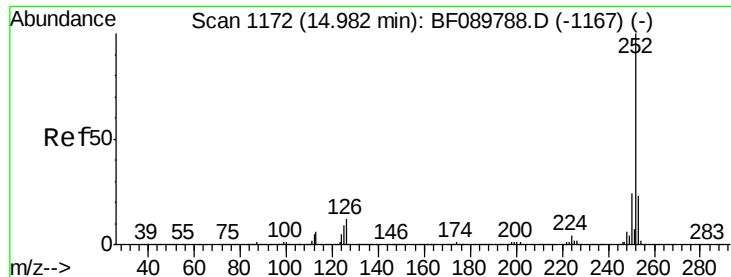
Tgt Ion:276 Resp: 2032387
 Ion Ratio Lower Upper
 276 100
 138 30.3 24.6 36.8
 277 25.0 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.06 min
 Lab File: BF089878.D
 Acq: 24 Aug 2016 16:55

Tgt Ion:264 Resp: 910283
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.2
 265 22.0 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 47.11 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

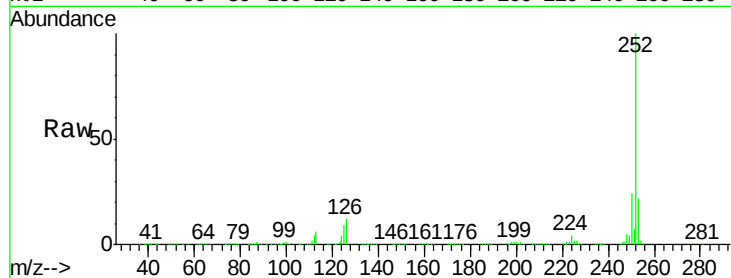
Tgt Ion:252 Resp: 2359067

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

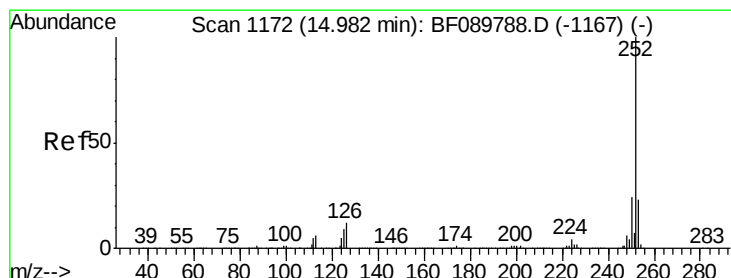
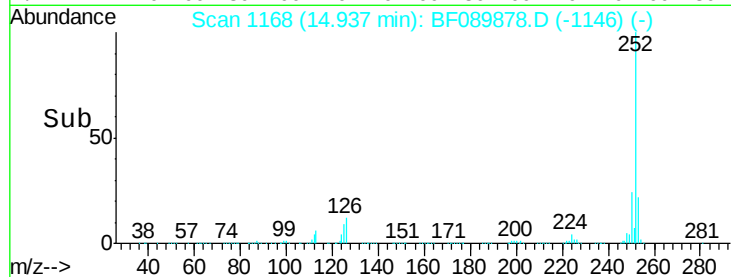
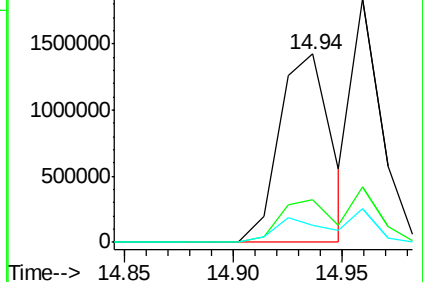
125 8.9 11.4 17.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 51.92 ng

RT: 14.94 min Scan# 1168

Delta R.T. -0.07 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

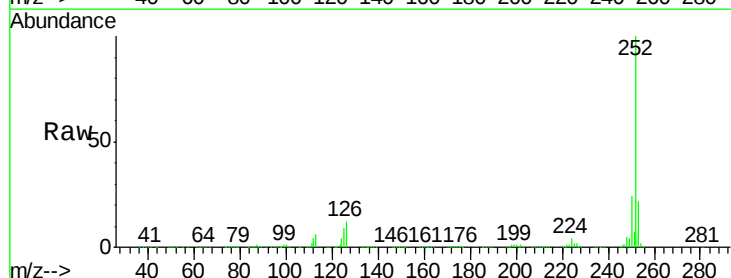
Tgt Ion:252 Resp: 2359067

Ion Ratio Lower Upper

252 100

253 22.4 18.4 27.6

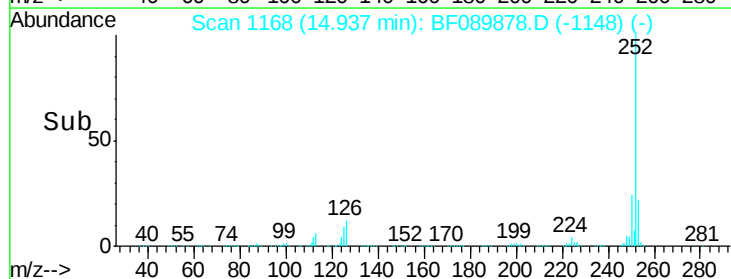
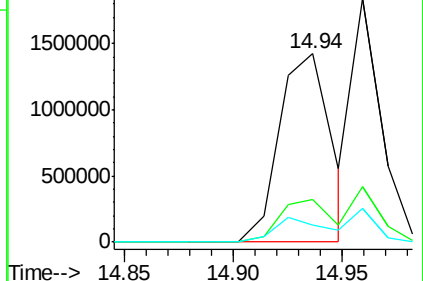
125 8.9 9.8 14.6#

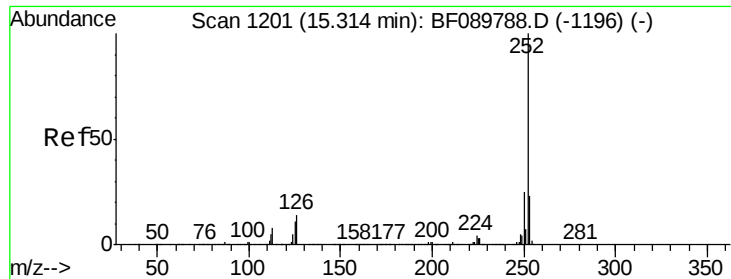


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.17 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.06 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

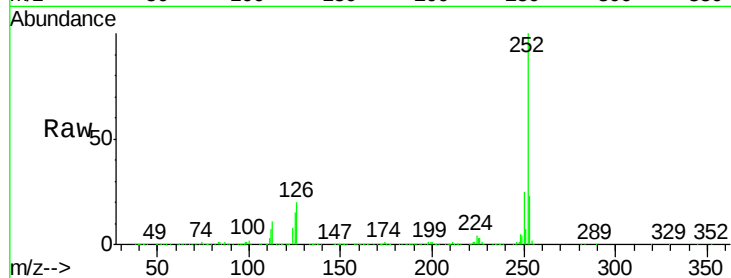
Tgt Ion:252 Resp: 1904059

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

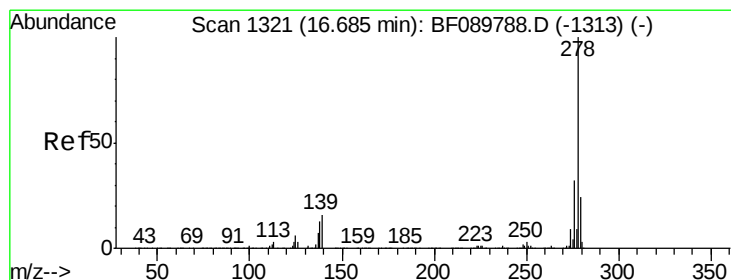
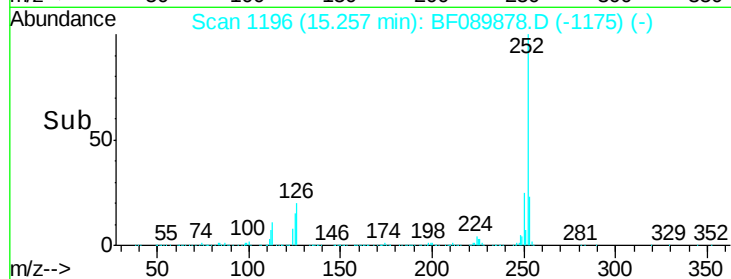
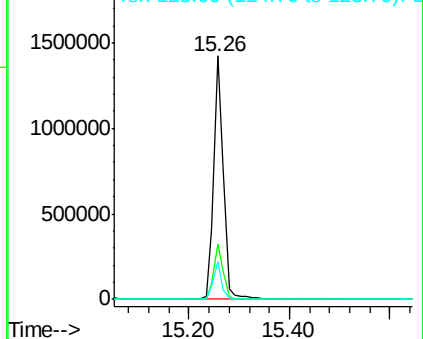
125 15.2 11.7 17.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.74 ng

RT: 16.63 min Scan# 1316

Delta R.T. -0.06 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

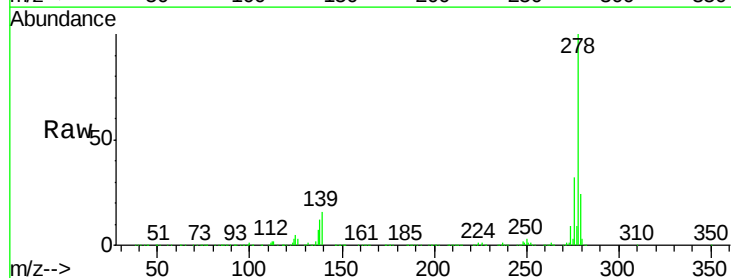
Tgt Ion:278 Resp: 1684446

Ion Ratio Lower Upper

278 100

139 16.0 14.9 22.3

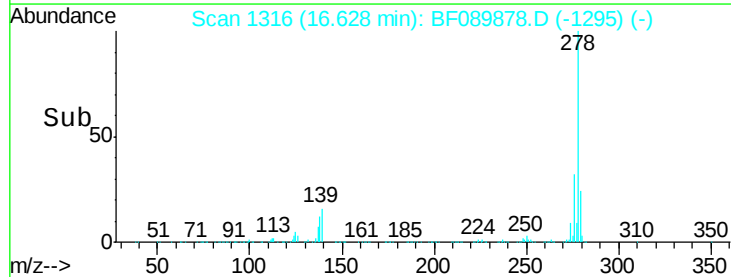
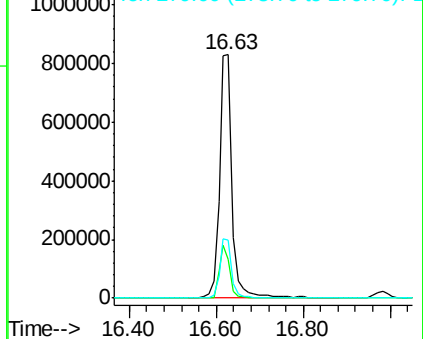
279 23.9 19.2 28.8

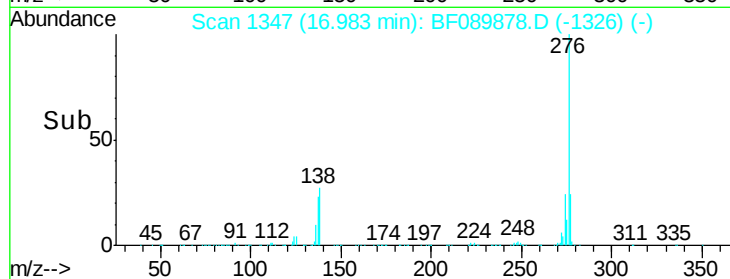
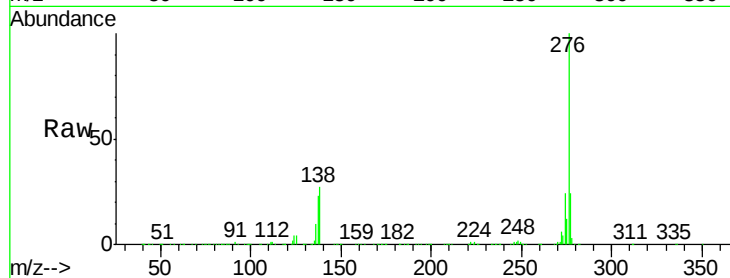
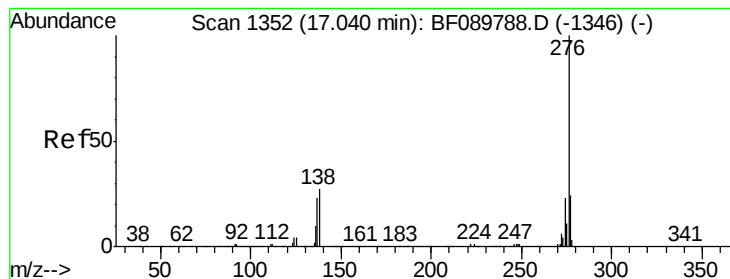


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 31.66 ng

RT: 16.98 min Scan# 1347

Delta R.T. -0.06 min

Lab File: BF089878.D

Acq: 24 Aug 2016 16:55

Instrument :

BNA_F

ClientSampleId :

PB93061BS

Tgt Ion:276 Resp: 1715358

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.4 22.1 33.1

