

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089319.D
 Acq On : 27 Jul 2016 9:28
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 11:54:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	40594	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	184653	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	85074	20.00	ng	0.00
63) Phenanthrene-d10	11.04	188	173068	20.00	ng	-0.01
75) Chrysene-d12	13.67	240	139035	20.00	ng	0.00
86) Perylene-d12	15.01	264	115784	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.18	112	6510	2.45	ng	0.07
7) Phenol-d6	6.20	99	15637	4.54	ng	0.00
23) Nitrobenzene-d5	7.12	82	12928	3.75	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	2874	3.75	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	30406	4.99	ng	-0.01
78) Terphenyl-d14	12.63	244	27460	4.30	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.96	88	4133	3.62	ng	# 55
6) Aniline	6.24	93	6326	1.39	ng	# 89
8) 2-Chlorophenol	6.33	128	5805	1.95	ng	# 88
9) Benzaldehyde	6.16	77	2384	1.32	ng	# 78
10) Phenol	6.23	94	7482	1.90	ng	# 74
11) bis(2-Chloroethyl)ether	6.30	93	8541	2.87	ng	# 86
12) 1,3-Dichlorobenzene	6.49	146	7022	2.15	ng	# 96
13) 1,4-Dichlorobenzene	6.56	146	8271	2.49	ng	# 96
14) 1,2-Dichlorobenzene	6.72	146	7621	2.47	ng	# 96
15) Benzyl Alcohol	6.75	79	2432	0.99	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	6.83	45	8088	2.37	ng	# 94
17) 2-Methylphenol	6.83	107	5720	2.48	ng	# 67
18) Hexachloroethane	7.05	117	3210	2.58	ng	# 93
19) n-Nitroso-di-n-propylamine	6.96	70	3883	1.76	ng	# 76
20) 3+4-Methylphenols	7.02	107	7082	2.26	ng	# 89
22) Acetophenone	6.97	105	9152	1.89	ng	# 92
24) Nitrobenzene	7.14	77	9538	2.63	ng	# 89
25) Isophorone	7.37	82	15121	2.37	ng	# 99
26) 2-Nitrophenol	7.46	139	2164	1.28	ng	# 57
27) 2,4-Dimethylphenol	7.52	122	5205	1.82	ng	# 90
28) bis(2-Chloroethoxy)methane	7.61	93	7158	1.83	ng	# 90
29) 2,4-Dichlorophenol	7.72	162	4326	1.68	ng	# 95
30) 1,2,4-Trichlorobenzene	7.78	180	5689	2.00	ng	# 92
31) Naphthalene	7.85	128	22769	2.30	ng	# 100
32) Benzoic acid	7.63	122	208	0.10	ng	# 1
33) 4-Chloroaniline	7.94	127	7577	1.86	ng	# 94
34) Hexachlorobutadiene	7.98	225	3663	2.31	ng	# 98
35) Caprolactam	8.24	113	791	1.00	ng	# 92
36) 4-Chloro-3-methylphenol	8.42	107	5459	1.76	ng	# 97
37) 2-Methylnaphthalene	8.55	142	12215	1.97	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	7177	2.29	ng	# 92
42) 2,4,6-Trichlorophenol	8.89	196	3766	2.20	ng	# 97
43) 2,4,5-Trichlorophenol	8.89	196	3766	2.15	ng	# 97
45) 1,1'-Biphenyl	9.00	154	18132	2.38	ng	# 98

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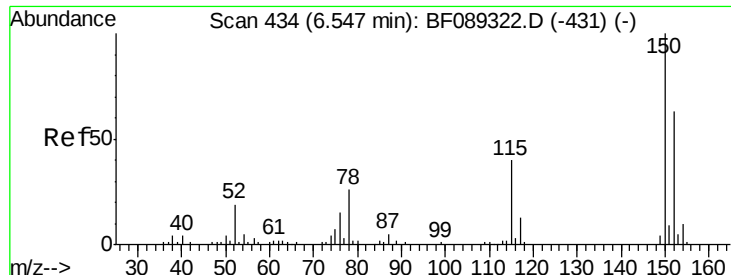
Instrument :
 BNA_F
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) 2-Chloronaphthalene	9.03	162	13290	2.30	nq	97
47) 2-Nitroaniline	9.15	65	2810	1.44	nq	# 74
48) Acenaphthylene	9.43	152	21350	2.33	nq	97
49) Dimethylphthalate	9.31	163	15356	2.37	nq	98
50) 2,6-Dinitrotoluene	9.37	165	2639	1.82	nq	# 68
51) Acenaphthene	9.60	154	12856	2.39	nq	99
52) 3-Nitroaniline	9.56	138	2671	1.58	nq	# 32
54) Dibenzofuran	9.78	168	18059	2.49	nq	94
55) 4-Nitrophenol	9.78	139	7503	7.69	nq	# 4
56) 2,4-Dinitrotoluene	9.79	165	3356	1.78	nq	# 93
57) Fluorene	10.11	166	15630	2.57	nq	# 98
58) 2,3,4,6-Tetrachlorophenol	9.91	232	2172	1.72	nq	# 89
59) Diethylphthalate	10.00	149	15606	2.42	nq	100
60) 4-Chlorophenyl-phenylether	10.12	204	6591	2.35	nq	95
61) 4-Nitroaniline	10.18	138	1993	1.19	nq	87
62) Azobenzene	10.27	77	17075	2.44	nq	96
64) 4,6-Dinitro-2-methylphenol	10.19	198	232	0.23	nq	# 31
65) n-Nitrosodiphenylamine	10.24	169	12390	2.14	nq	97
66) 4-Bromophenyl-phenylether	10.60	248	3349	1.95	nq	97
67) Hexachlorobenzene	10.66	284	3958	2.17	nq	# 87
68) Atrazine	10.76	200	3705	2.06	nq	98
70) Phenanthrene	11.07	178	22343	2.34	nq	99
71) Anthracene	11.12	178	24527	2.50	nq	98
72) Carbazole	11.29	167	19391	2.28	nq	98
73) Di-n-butylphthalate	11.62	149	26698	2.47	nq	100
74) Fluoranthene	12.25	202	21824	2.17	nq	99
76) Benzidine	12.40	184	7589	1.58	nq	98
77) Pvrene	12.47	202	24689	2.20	nq	99
79) Butylbenzylphthalate	13.11	149	9242	1.90	nq	94
80) Benzo(a)anthracene	13.66	228	17955	2.05	nq	98
81) 3,3'-Dichlorobenzidine	13.63	252	5644	1.97	nq	# 96
82) Chrysene	13.69	228	18278	2.20	nq	98
83) Bis(2-ethylhexyl)phthalate	13.67	149	15281	2.35	nq	# 99
84) Di-n-octyl phthalate	14.27	149	21294	2.01	nq	# 99
85) Indeno(1,2,3-cd)pvrene	16.21	276	13663	2.26	nq	93
87) Benzo(b)fluoranthene	14.67	252	32443	4.08	nq	99
88) Benzo(k)fluoranthene	14.67	252	32443	5.13	nq	97
89) Benzo(a)pyrene	14.95	252	15187	2.33	nq	99
90) Dibenzo(a,h)anthracene	16.22	278	10955	2.13	nq	# 94
91) Benzo(g,h,i)perylene	16.56	276	10925	2.11	nq	94

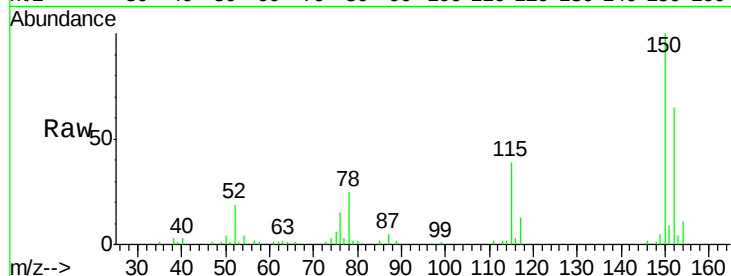
(#) = qualifier out of range (m) = manual integration (+) = signals summed



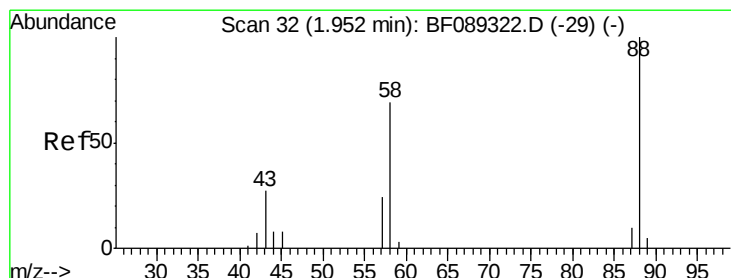
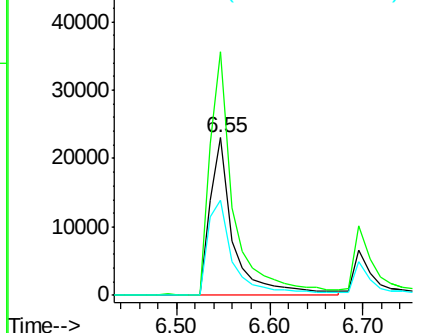
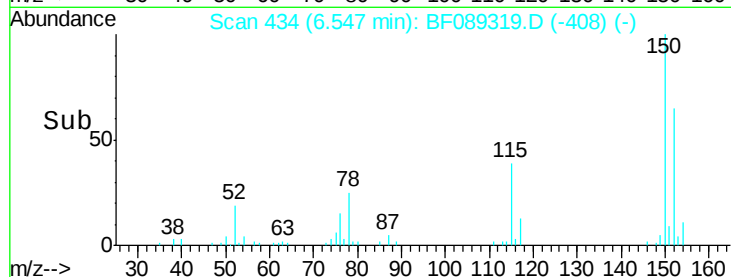
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 40594
 Ion Ratio Lower Upper
 152 100
 150 154.5 129.5 194.3
 115 60.2 51.4 77.2

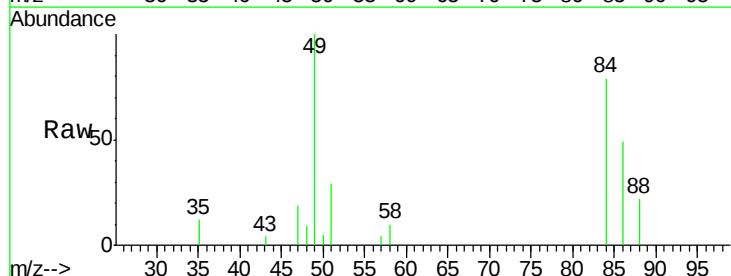


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

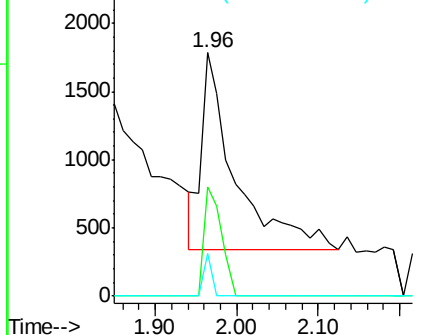
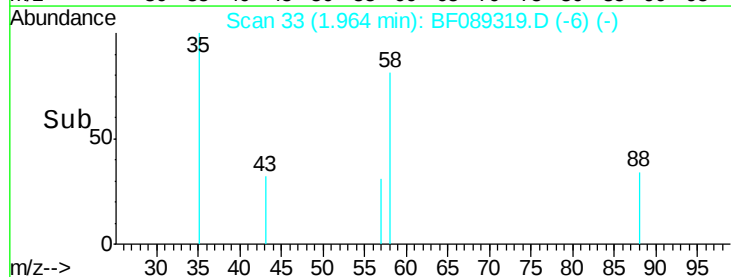


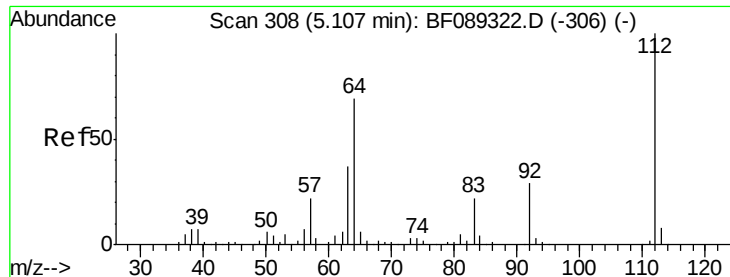
#2
 1,4-Dioxane
 Concen: 3.62 ng
 RT: 1.96 min Scan# 33
 Delta R.T. 0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion: 88 Resp: 4133
 Ion Ratio Lower Upper
 88 100
 58 29.2 53.2 79.8#
 43 5.2 20.6 31.0#



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





#5

2-Fluorophenol

Concen: 2.45 na

RT: 5.18 min Scan# 314

Delta R.T. 0.07 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

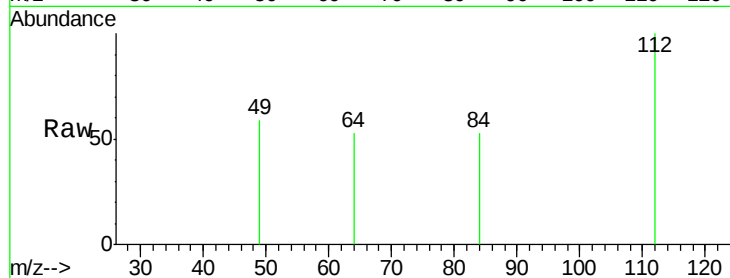
Instrument :

BNA_F

ClientSampleId :

Tot Ion:112 Resp: 6510

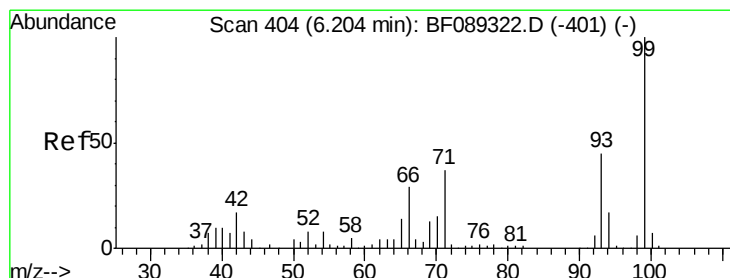
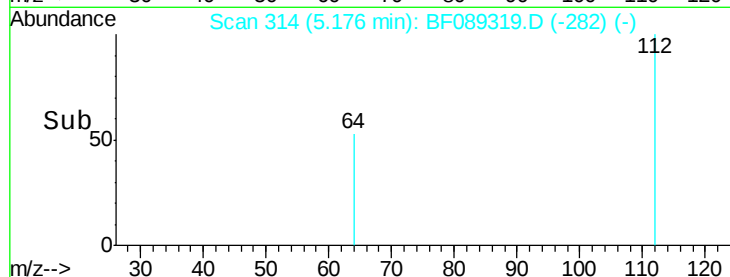
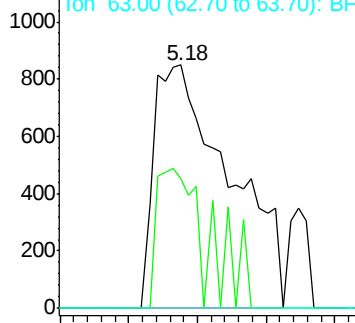
Ion	Ratio	Lower	Upper
112	100		
64	53.2	55.0	82.6#
63	0.0	29.4	44.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 1.39 ng

RT: 6.24 min Scan# 407

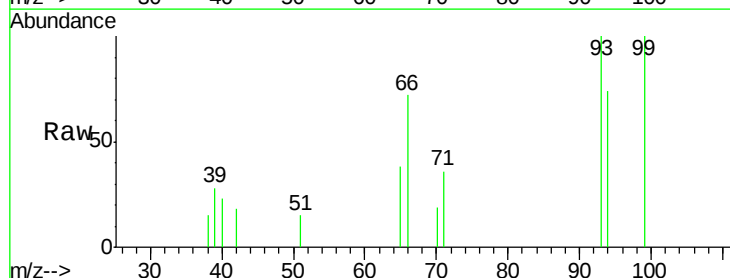
Delta R.T. 0.03 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Tgt Ion: 93 Resp: 6326

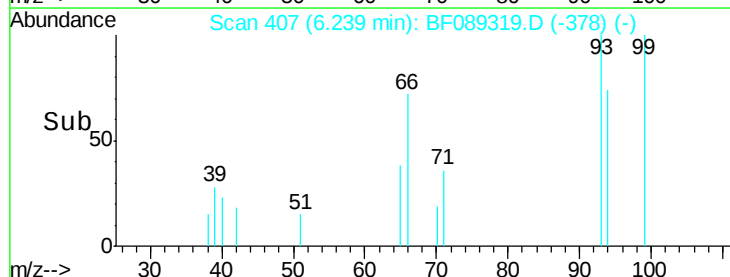
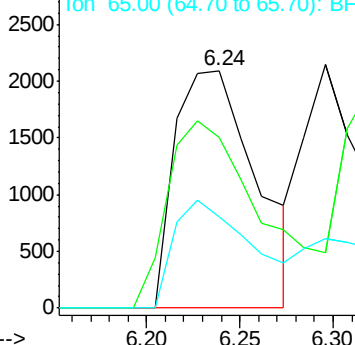
Ion	Ratio	Lower	Upper
93	100		
66	71.9	51.6	77.4
65	38.4	24.7	37.1#

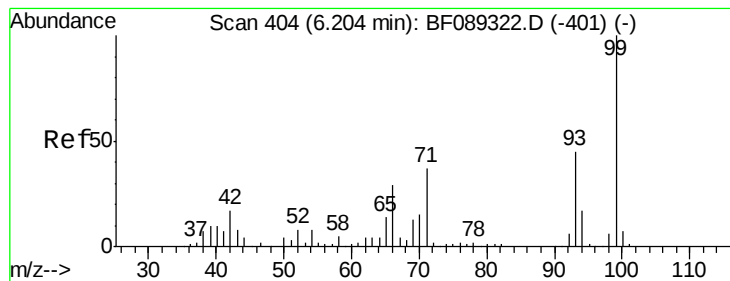


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 4.54 ng

RT: 6.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

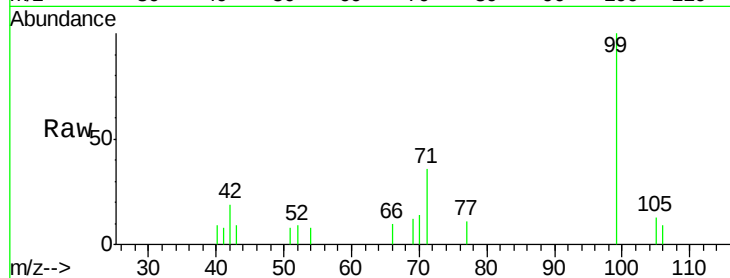
Tot Ion: 99 Resp: 15637

Ion Ratio Lower Upper

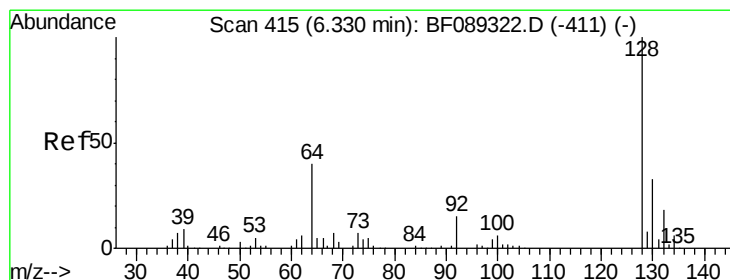
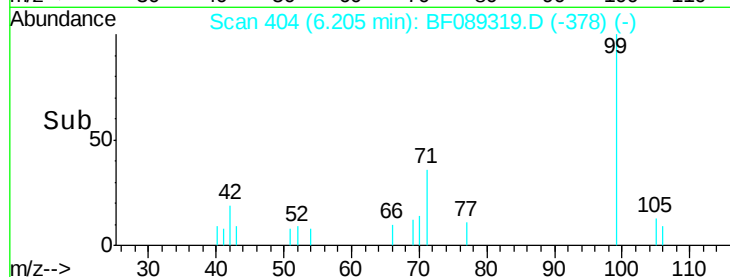
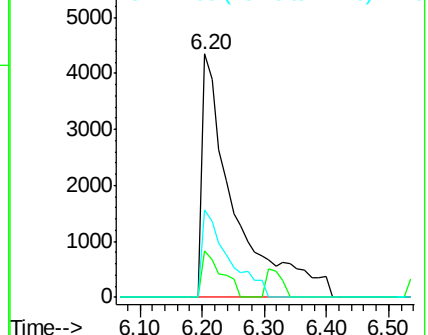
99 100

42 18.9 13.6 20.4

71 35.9 29.4 44.2



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: 1.95 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

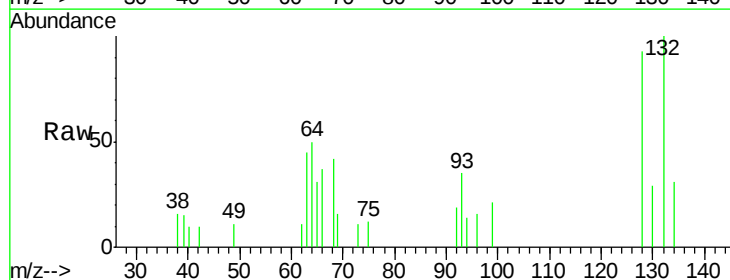
Tgt Ion: 128 Resp: 5805

Ion Ratio Lower Upper

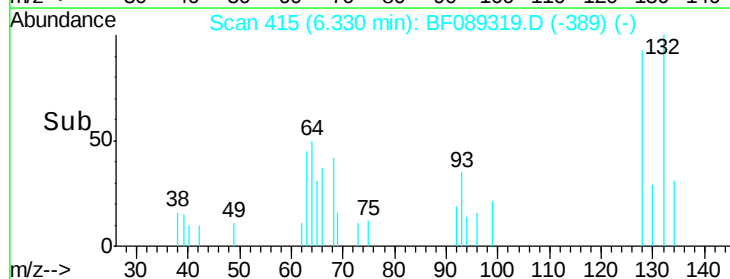
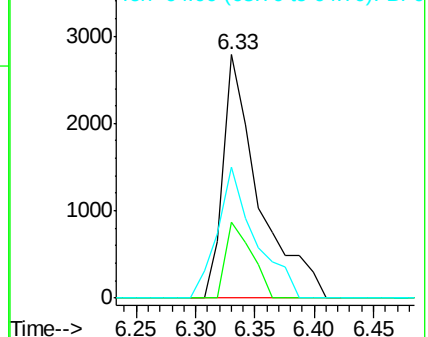
128 100

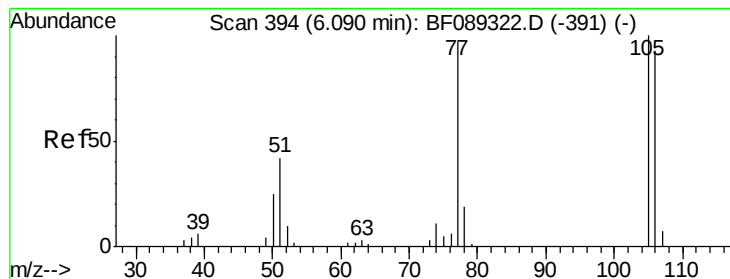
130 31.1 12.6 52.6

64 53.8 22.1 62.1



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: 1.32 ng

RT: 6.16 min Scan# 400

Delta R.T. 0.07 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

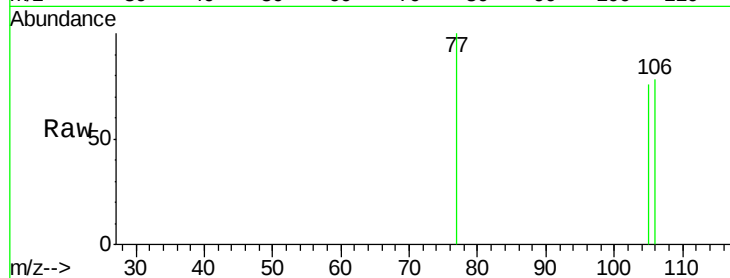
Tot Ion: 77 Resp: 2384

Ion Ratio Lower Upper

77 100

105 76.2 82.9 122.9#

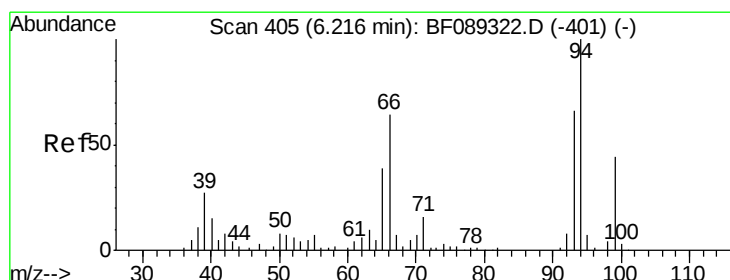
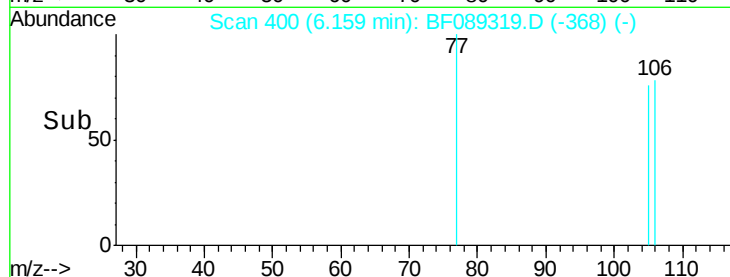
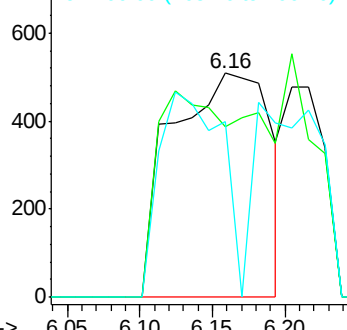
106 78.2 75.9 115.9



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 1.90 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

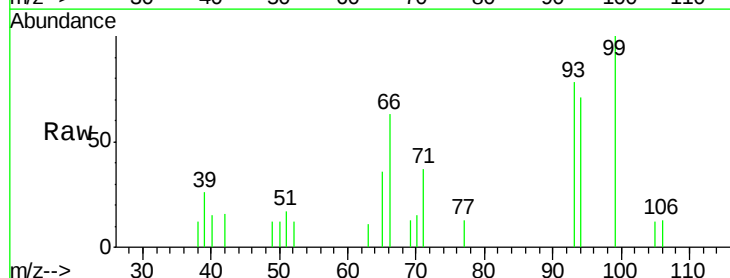
Tgt Ion: 94 Resp: 7482

Ion Ratio Lower Upper

94 100

65 50.9 19.1 59.1

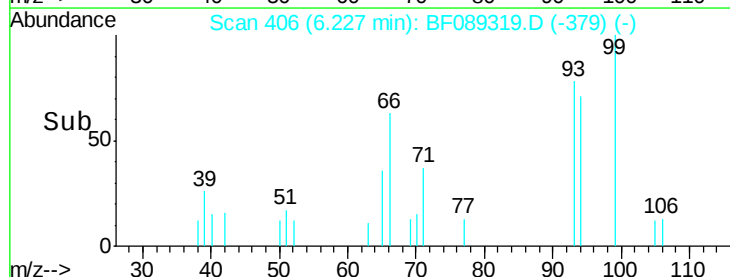
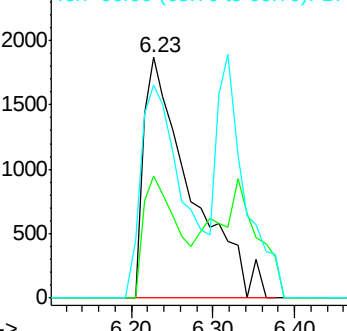
66 88.3 44.4 84.4#

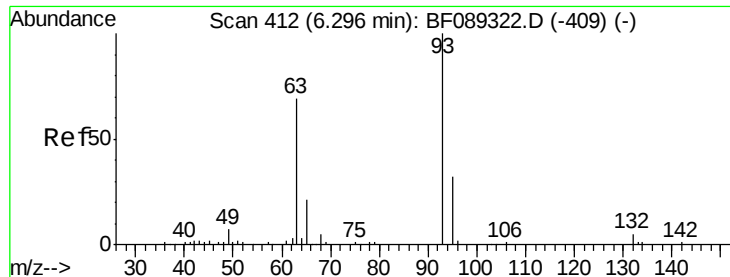


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

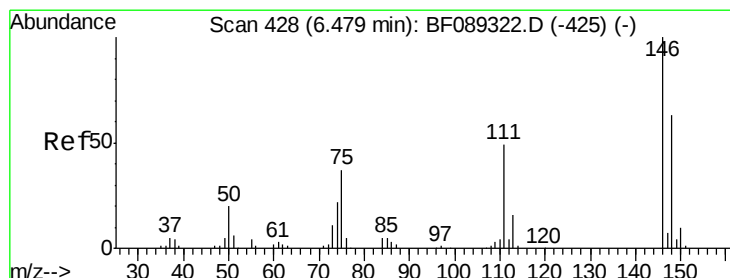
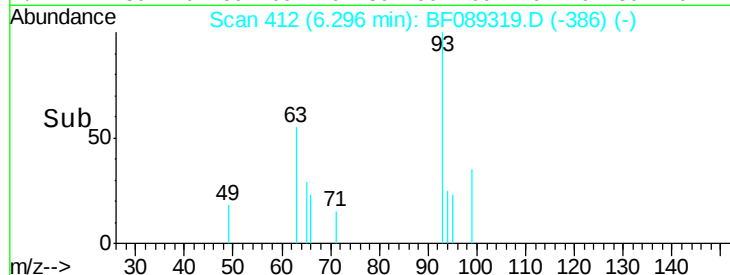
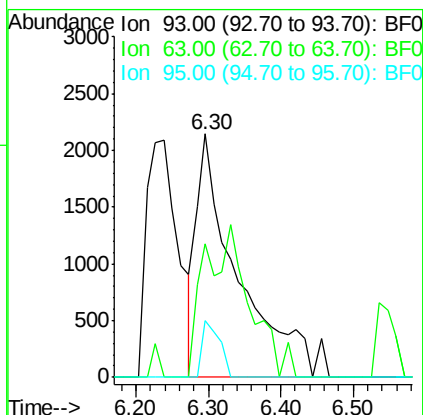
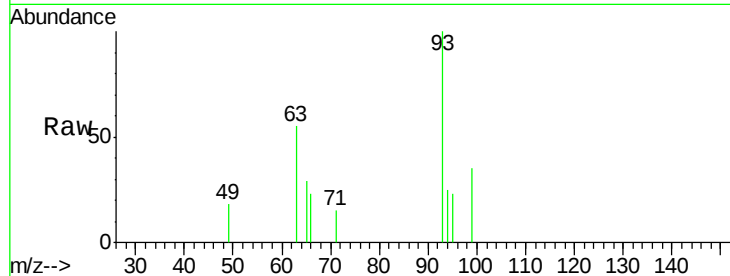




#11
bis(2-Chloroethyl)ether
Concen: 2.87 ng
RT: 6.30 min Scan# 412
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

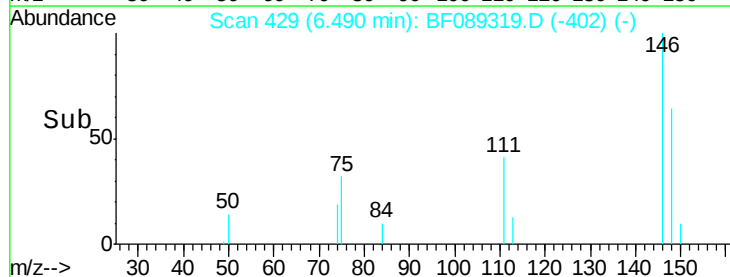
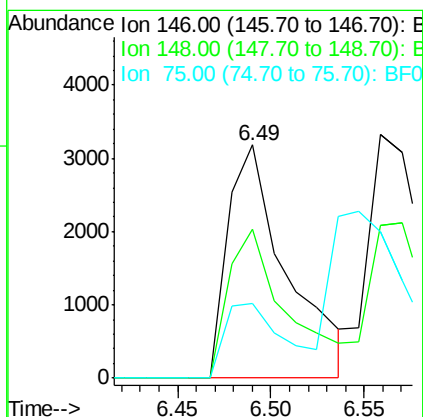
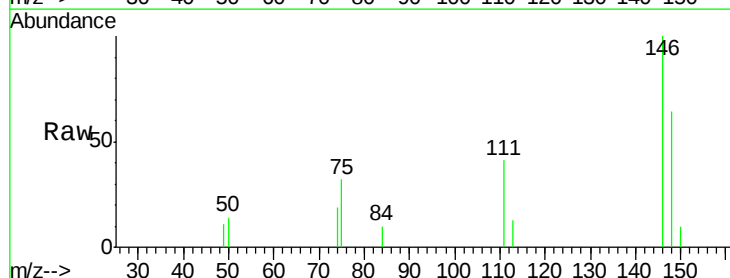
Instrument :
BNA_F
ClientSampled :

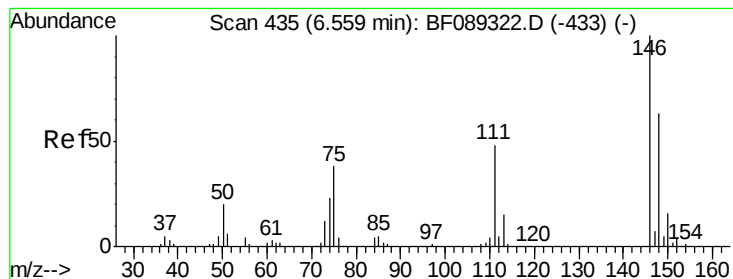
Tot Ion: 93 Resp: 8541
Ion Ratio Lower Upper
93 100
63 54.7 45.6 85.6
95 23.1 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 2.15 ng
RT: 6.49 min Scan# 429
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion: 146 Resp: 7022
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
75 32.1 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 2.49 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampled :

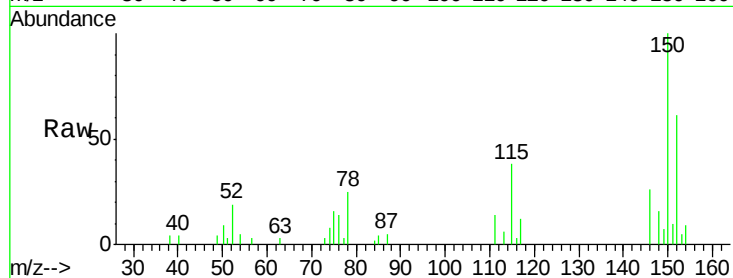
Tot Ion:146 Resp: 8271

Ion Ratio Lower Upper

146 100

148 62.6 50.8 76.2

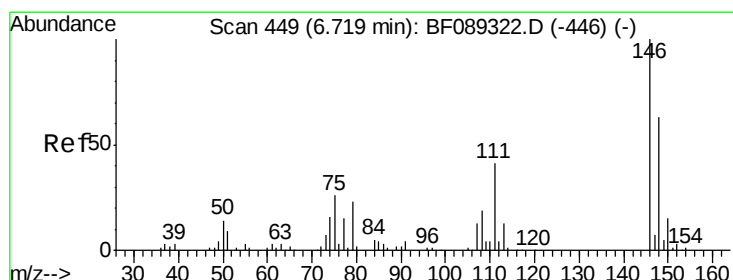
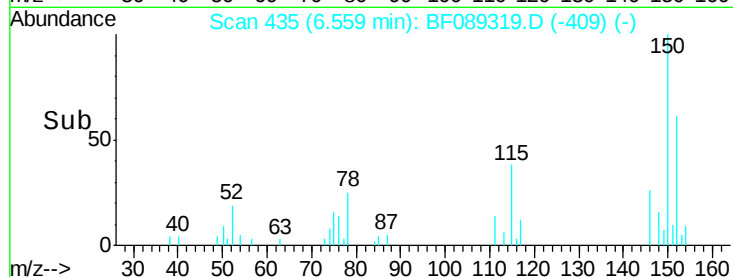
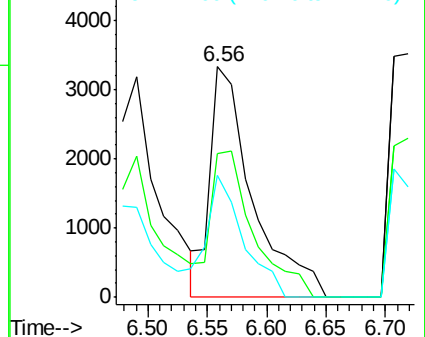
111 53.2 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.47 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

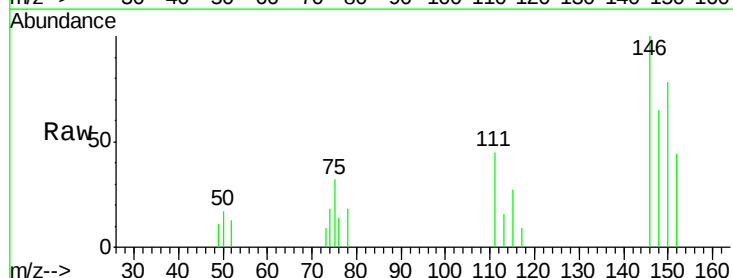
Tgt Ion:146 Resp: 7621

Ion Ratio Lower Upper

146 100

148 65.1 50.4 75.6

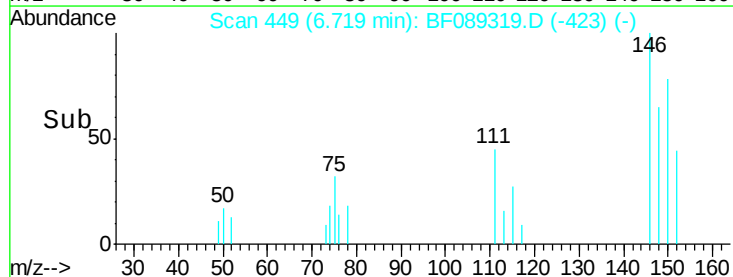
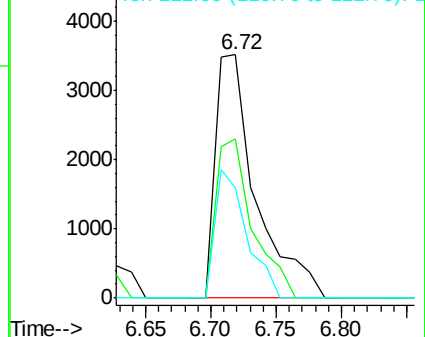
111 45.4 33.0 49.4

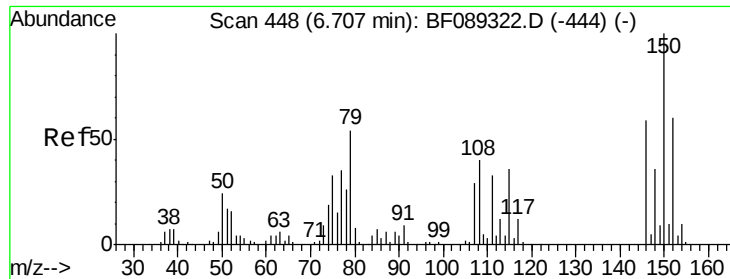


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

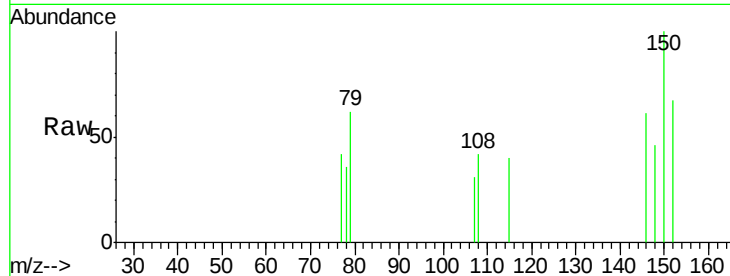




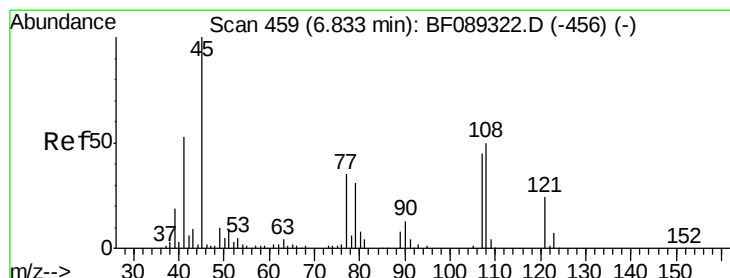
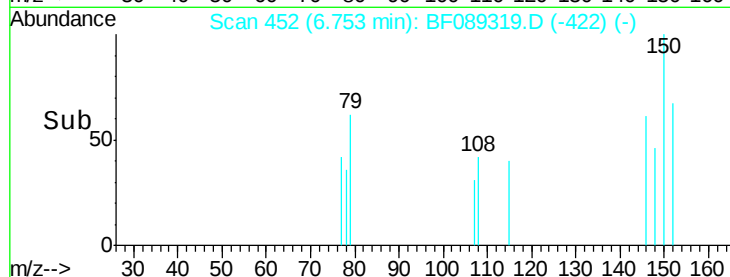
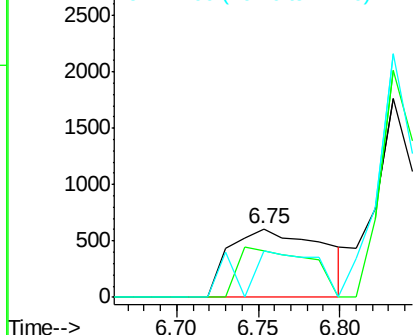
#15
Benzyl Alcohol
Concen: 0.99 ng
RT: 6.75 min Scan# 452
Delta R.T. 0.05 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 2432
Ion Ratio Lower Upper
79 100
108 68.7 59.8 89.6
77 68.7 51.7 77.5

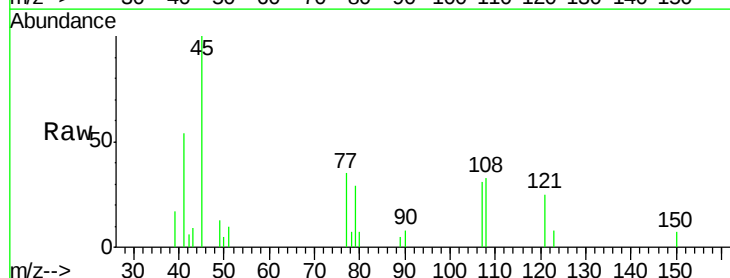


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

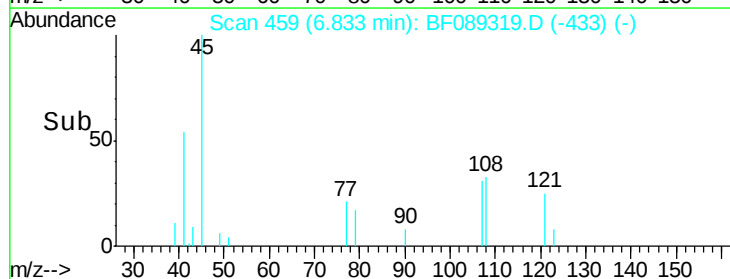
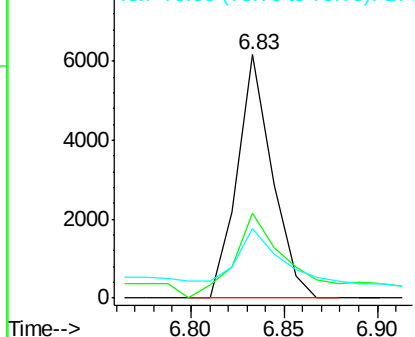


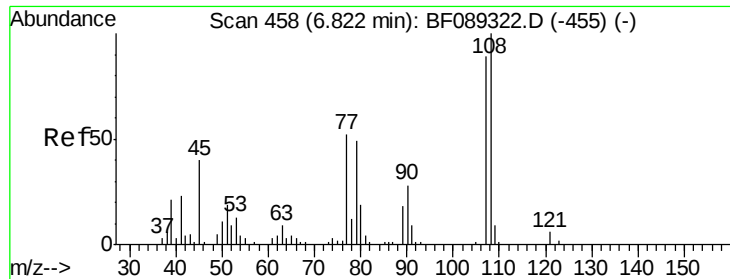
#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.37 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion: 45 Resp: 8088
Ion Ratio Lower Upper
45 100
77 35.0 17.3 57.3
79 28.6 13.9 53.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 2.48 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF089319.D

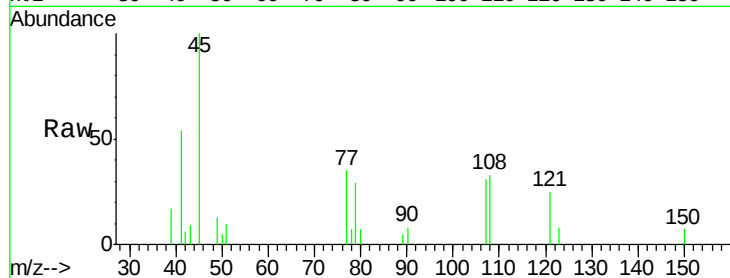
Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	107	Resp:	5720
Ion	Ratio	Lower	Upper
107	100		
108	106.1	91.4	137.0
77	114.1	48.6	73.0#
79	93.2	48.2	72.4#

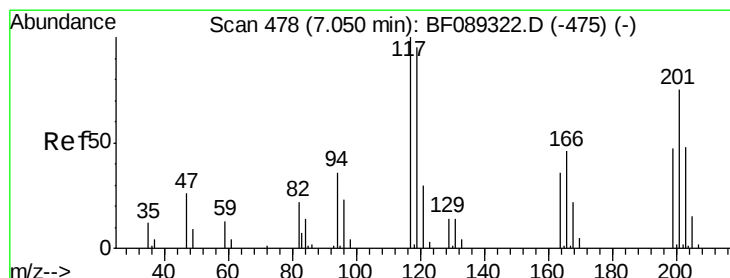
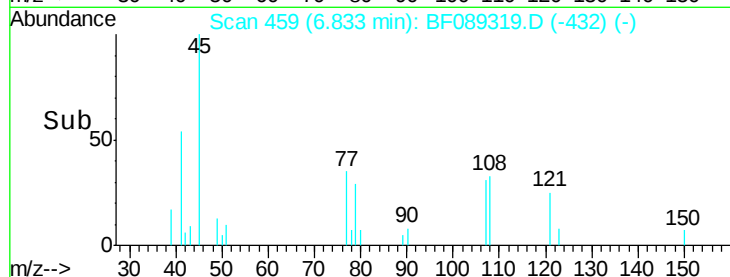
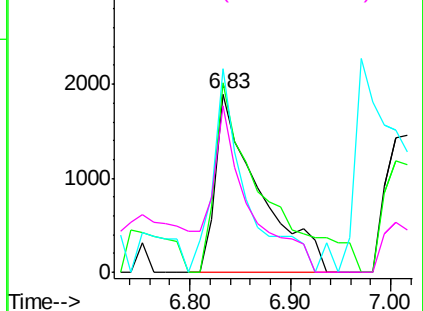


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 2.58 ng

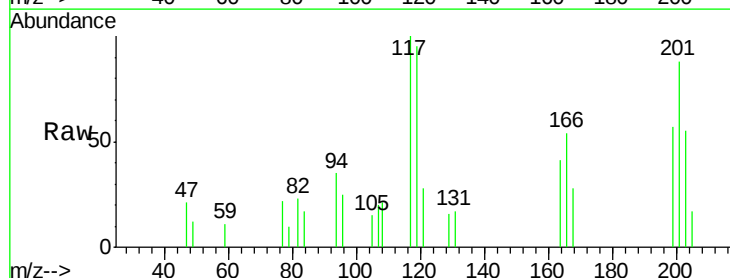
RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

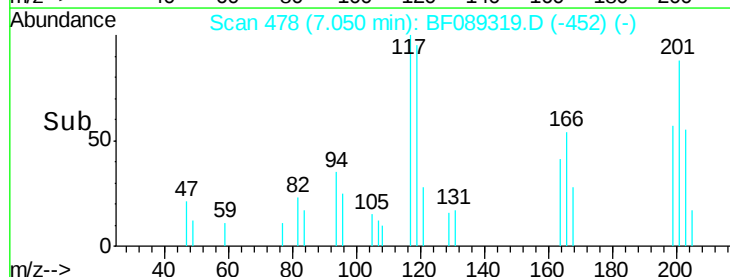
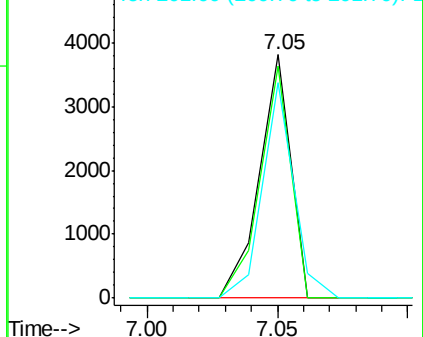
Tgt Ion:	117	Resp:	3210
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.0	114.0
201	88.3	60.0	90.0

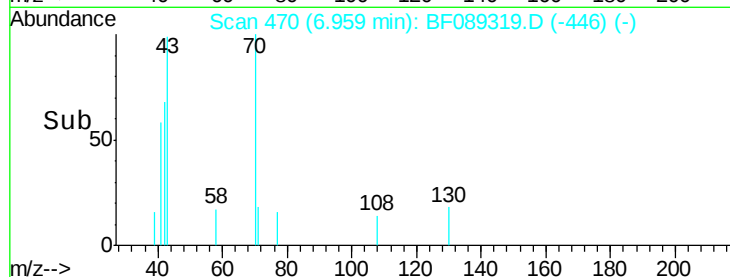
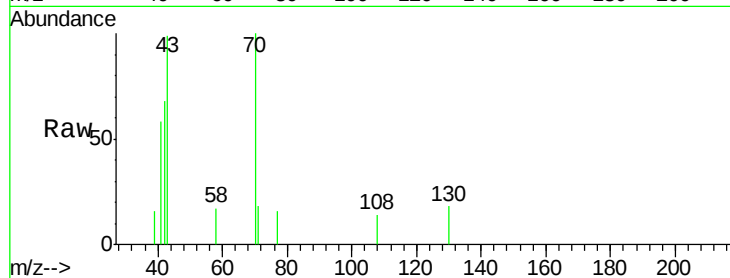
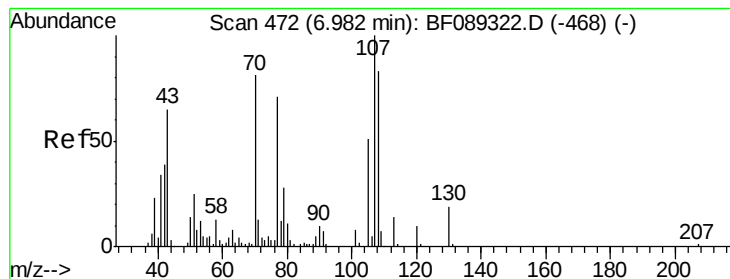


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 1.76 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 3883

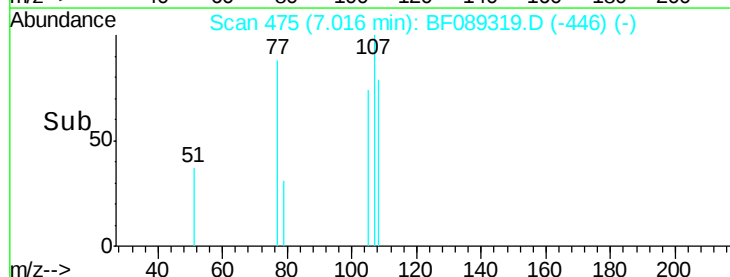
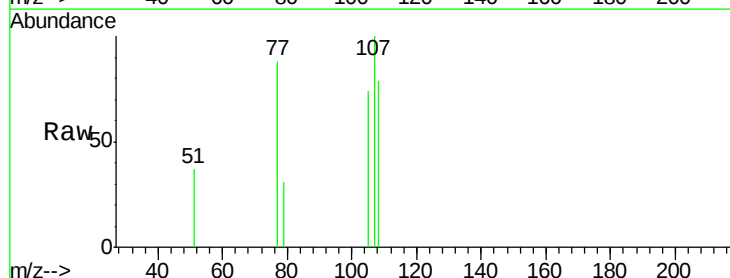
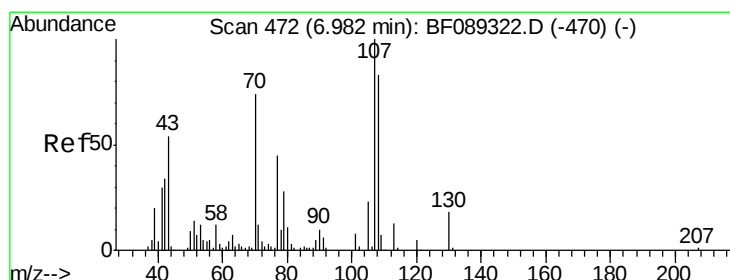
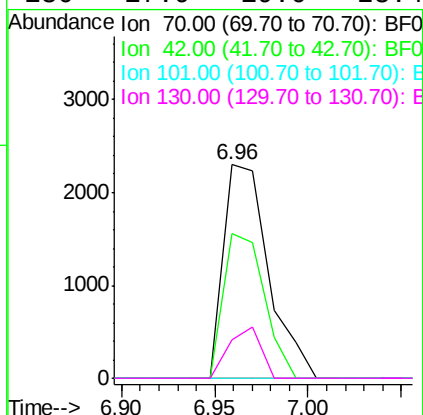
Ion Ratio Lower Upper

70 100

42 67.8 38.6 57.8#

101 0.0 8.3 12.5#

130 17.9 19.0 28.4#



#20

3+4-Methylphenols

Concen: 2.26 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.03 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Tgt Ion: 107 Resp: 7082

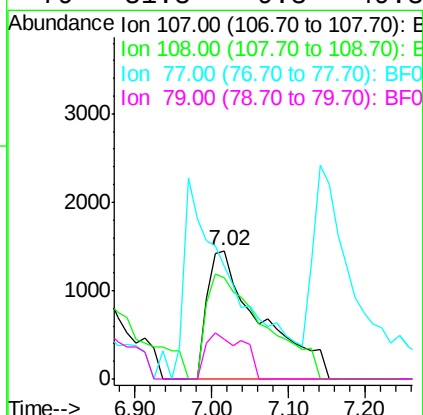
Ion Ratio Lower Upper

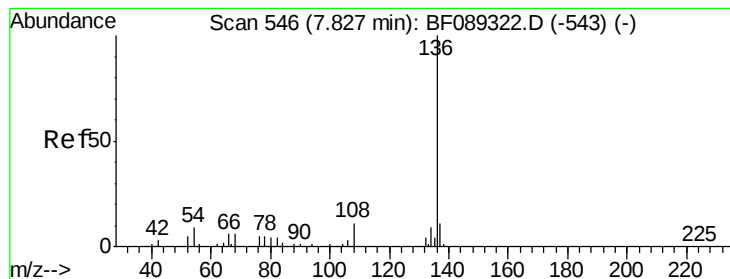
107 100

108 78.8 63.3 103.3

77 87.8 51.1 91.1

79 31.3 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 184653

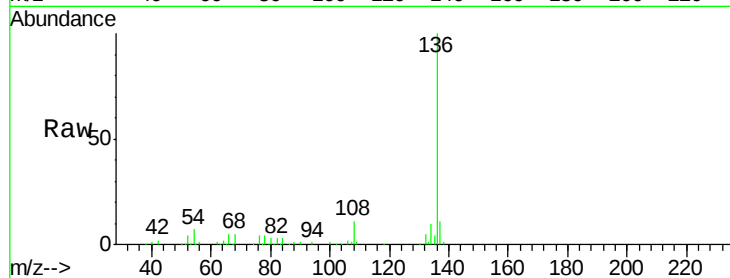
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 7.0 10.4

68 5.4 4.9 7.3

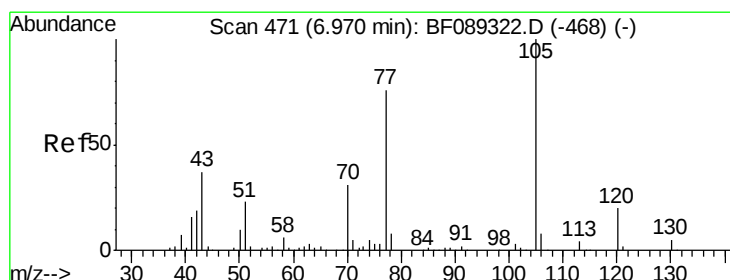
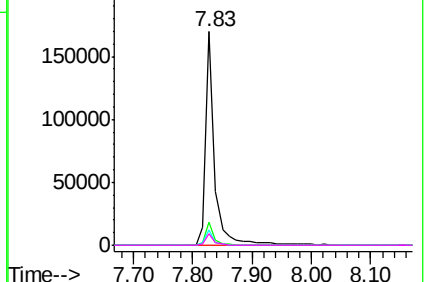
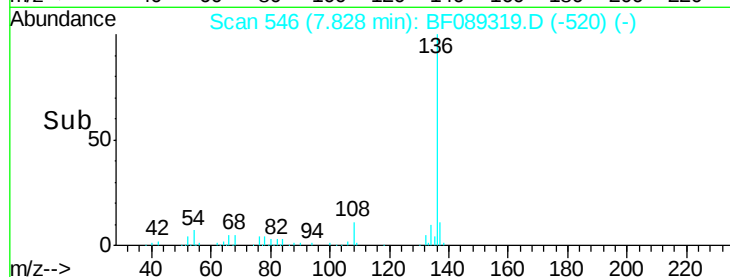


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 1.89 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Tgt Ion:105 Resp: 9152

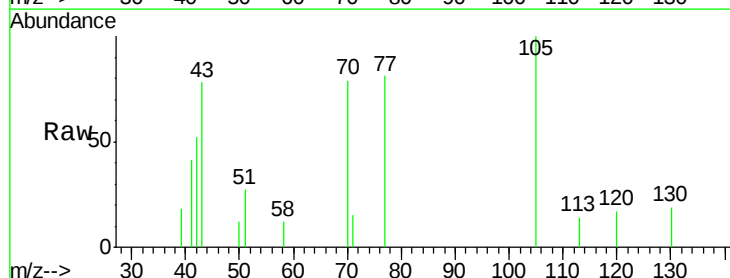
Ion Ratio Lower Upper

105 100

71 14.8 4.2 6.2#

51 26.5 18.7 28.1

120 17.3 15.8 23.6

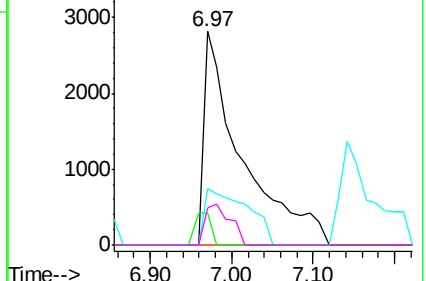
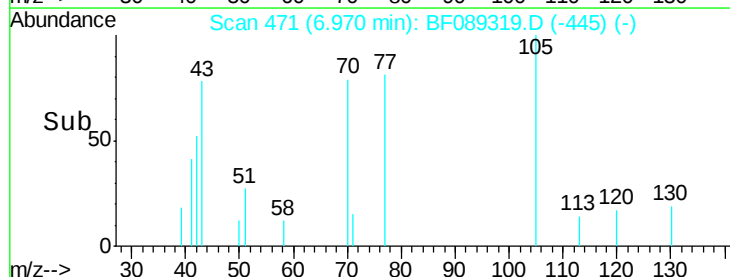


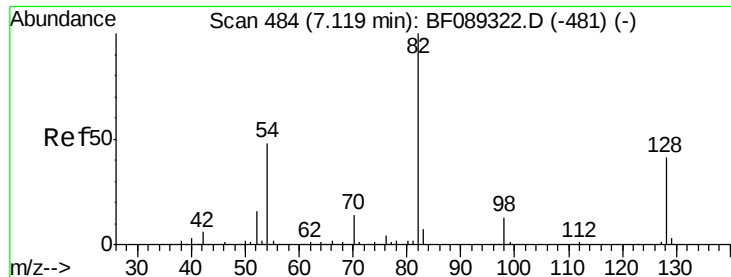
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

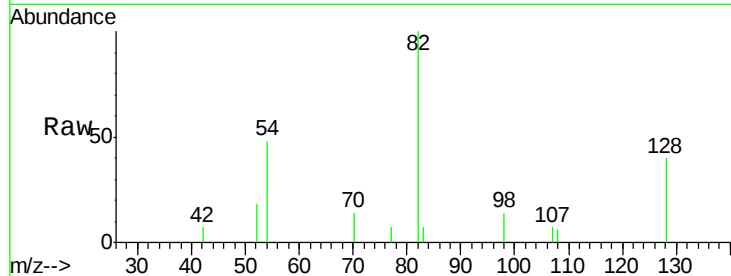




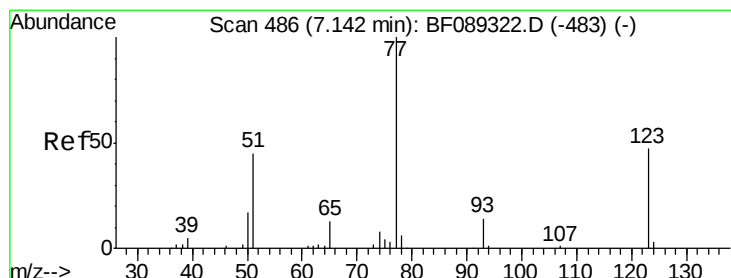
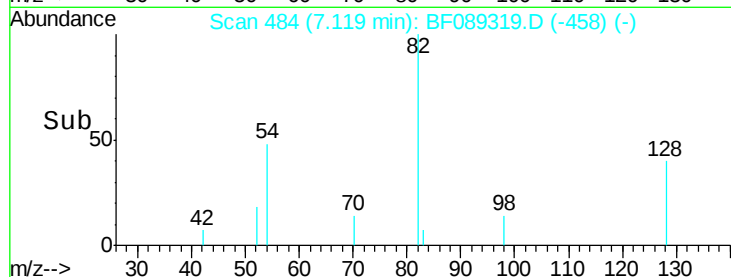
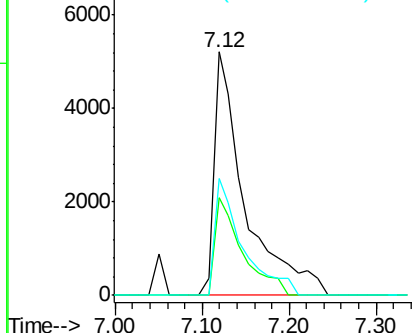
#23
 Nitrobenzene-d5
 Concen: 3.75 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	12928
Ion Ratio	Lower	Upper	
82	100		
128	39.9	32.5	48.7
54	47.9	38.8	58.2

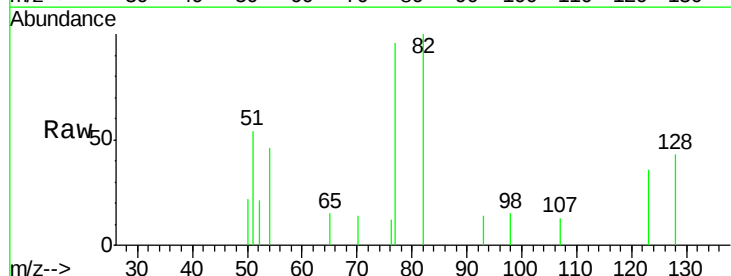


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

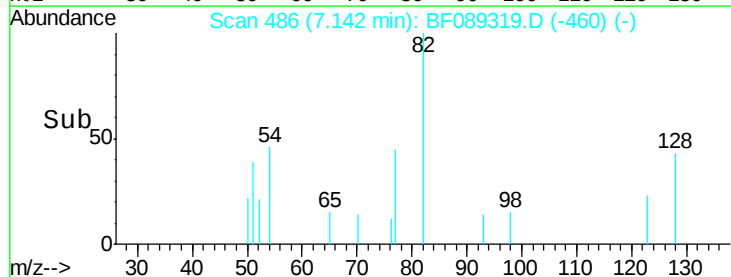
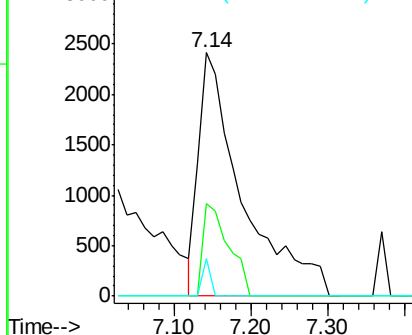


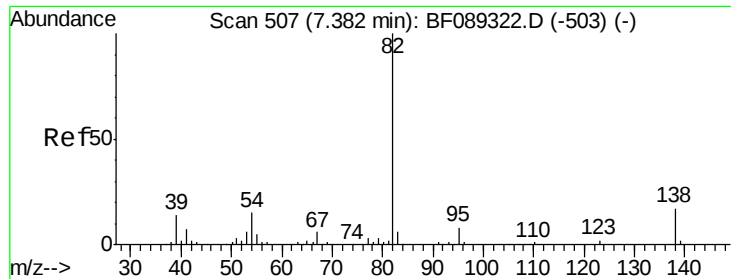
#24
 Nitrobenzene
 Concen: 2.63 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion	77	Resp	9538
Ion Ratio	Lower	Upper	
77	100		
123	38.1	37.2	55.8
65	15.5	10.2	15.4#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.37 ng

RT: 7.37 min Scan# 506

Delta R.T. -0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

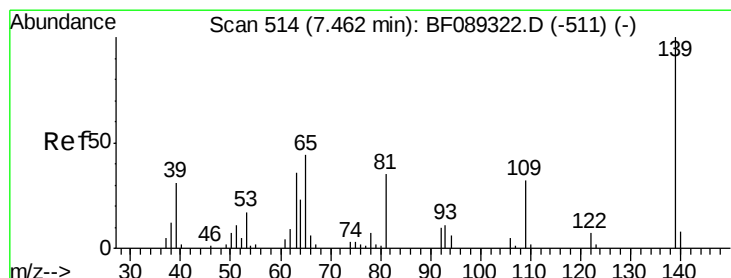
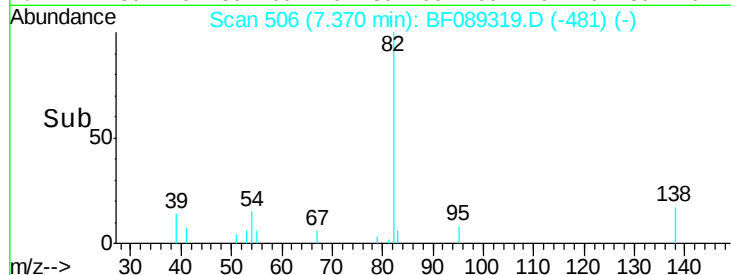
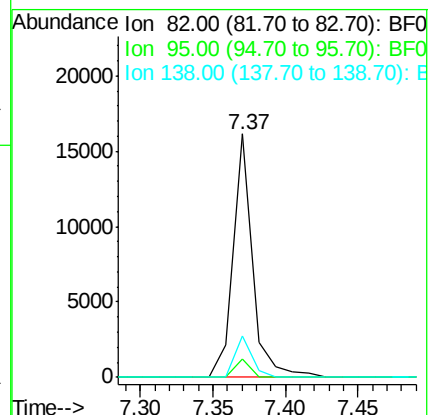
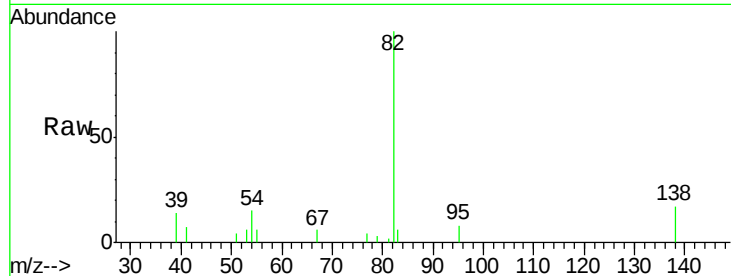
Tot Ion: 82 Resp: 15121

Ion Ratio Lower Upper

82 100

95 7.7 6.0 9.0

138 17.0 13.3 19.9



#26

2-Nitrophenol

Concen: 1.28 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

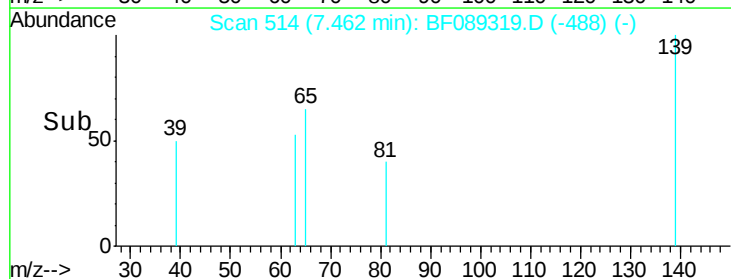
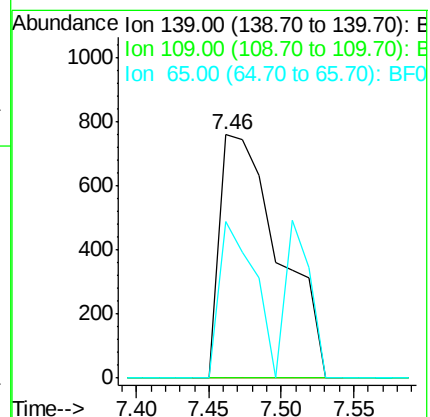
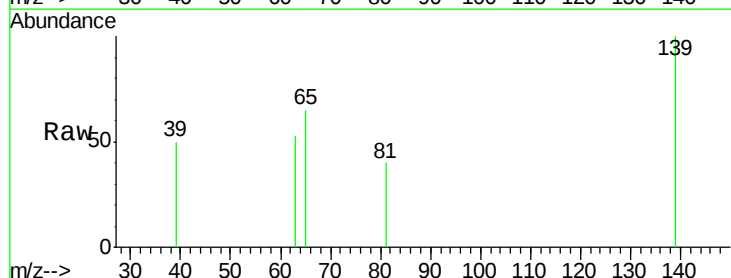
Tgt Ion: 139 Resp: 2164

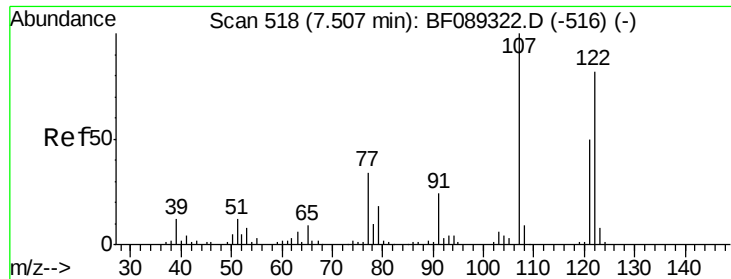
Ion Ratio Lower Upper

139 100

109 0.0 25.8 38.8#

65 64.5 35.2 52.8#





#27

2,4-Dimethylphenol

Concen: 1.82 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

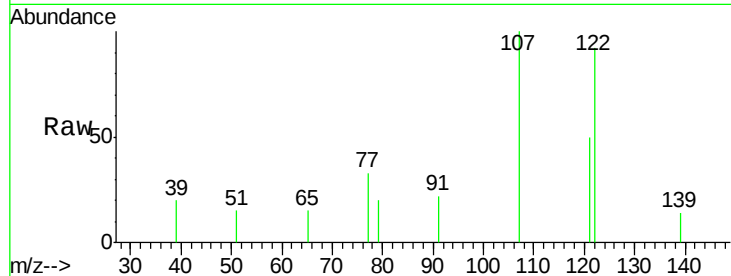
Tot Ion:122 Resp: 5205

Ion Ratio Lower Upper

122 100

107 108.9 97.2 145.8

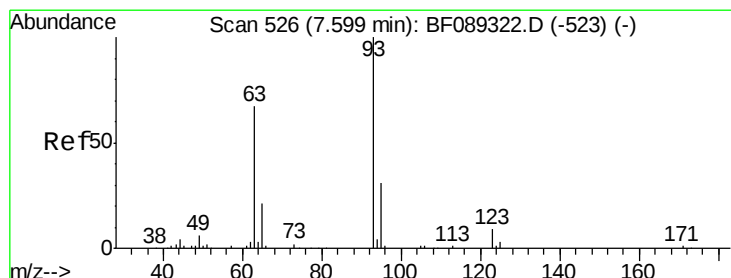
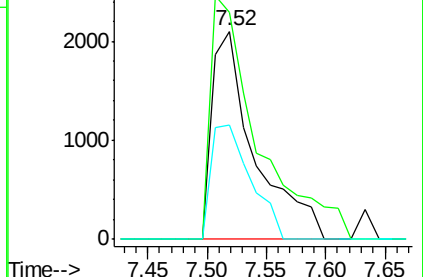
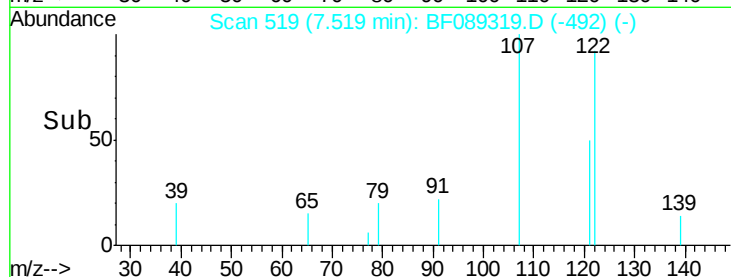
121 54.8 48.8 73.2



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: 1.83 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

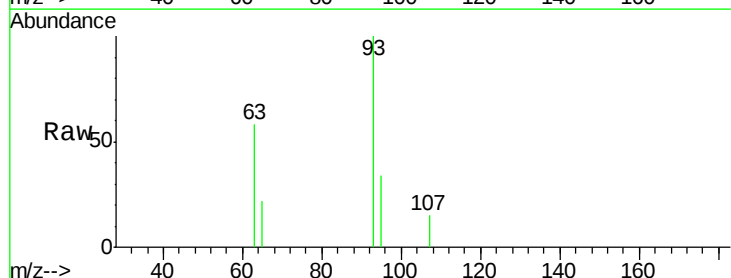
Tgt Ion: 93 Resp: 7158

Ion Ratio Lower Upper

93 100

95 33.8 24.7 37.1

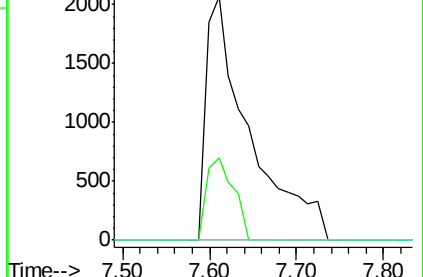
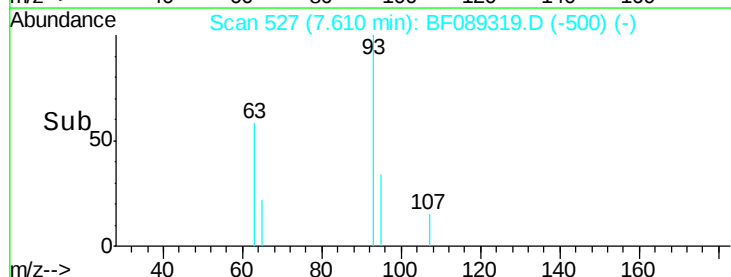
123 0.0 7.5 11.3#

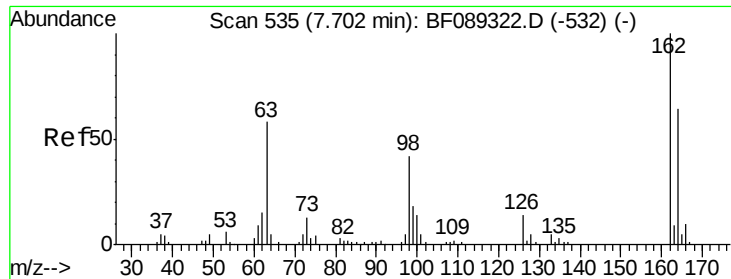


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

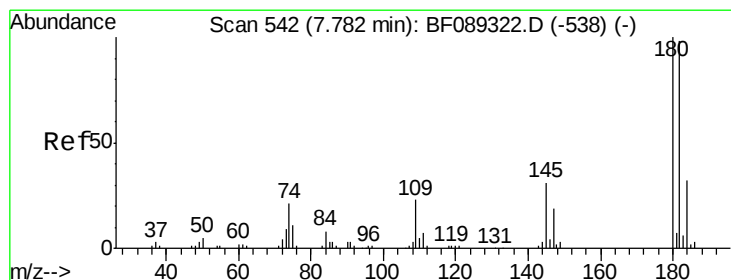
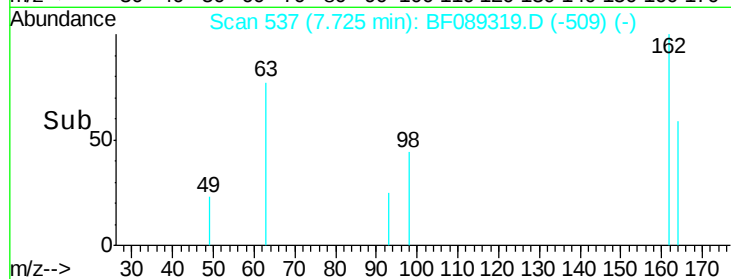
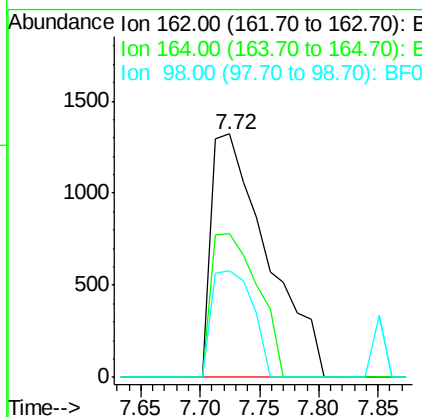
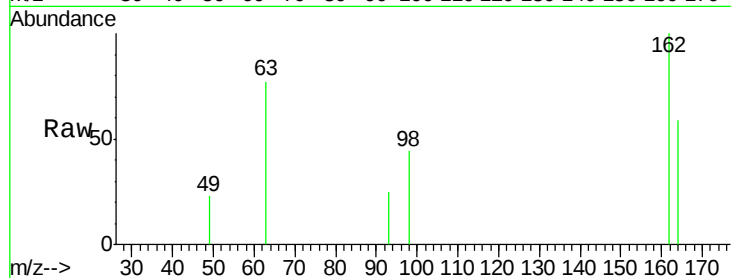




#29
 2,4-Dichlorophenol
 Concen: 1.68 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.02 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

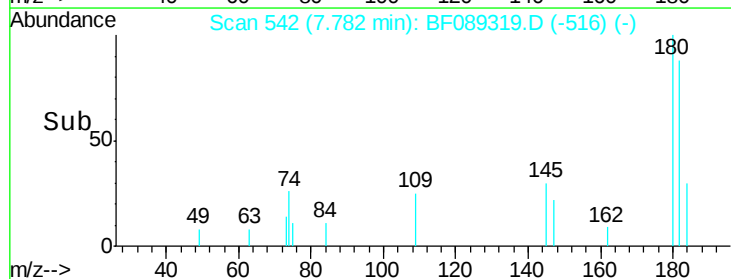
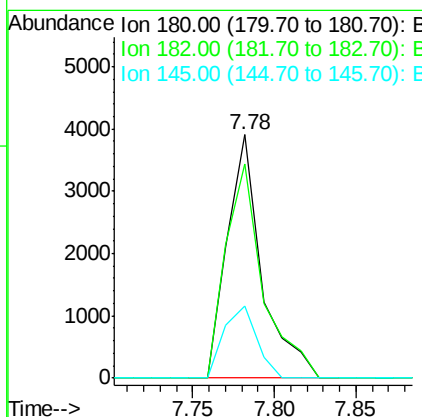
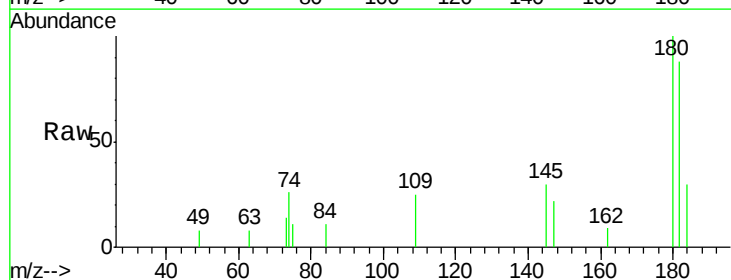
Instrument :
 BNA_F
 ClientSampleId :

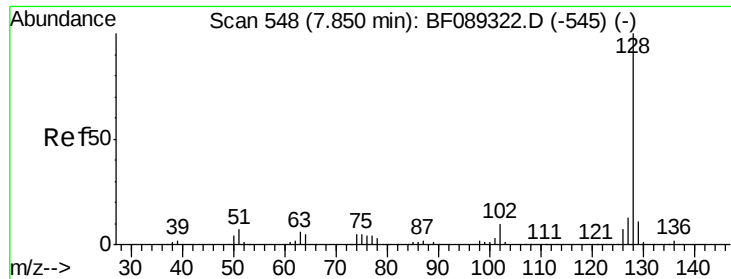
Tot Ion:162 Resp: 4326
 Ion Ratio Lower Upper
 162 100
 164 59.1 44.0 84.0
 98 43.6 21.8 61.8



#30
 1,2,4-Trichlorobenzene
 Concen: 2.00 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:180 Resp: 5689
 Ion Ratio Lower Upper
 180 100
 182 88.1 78.2 117.2
 145 29.5 24.6 36.8

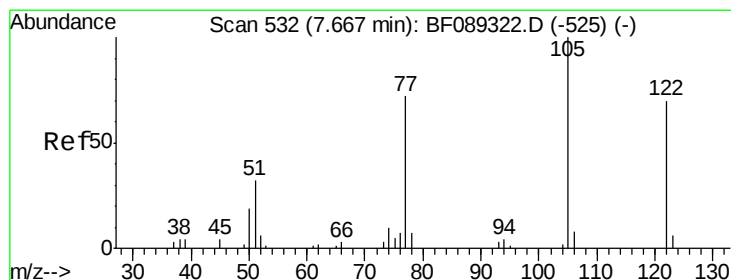
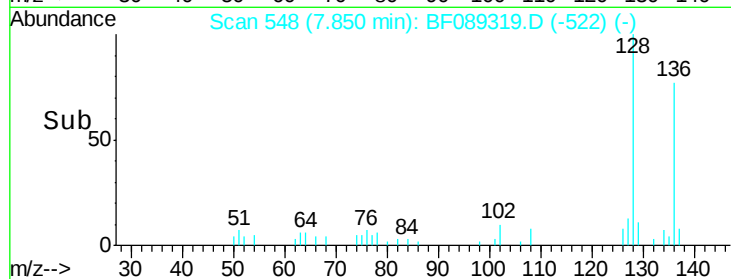
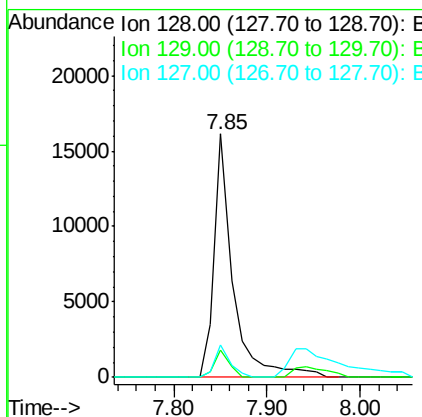
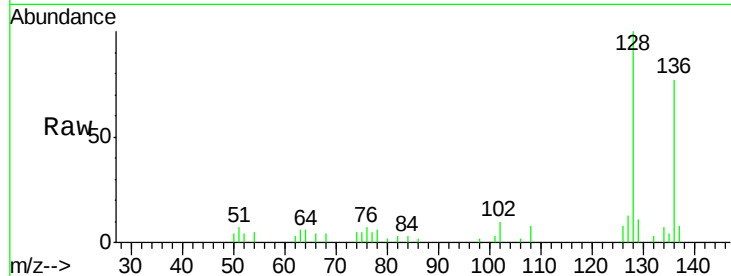




#31
Naphthalene
Concen: 2.30 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

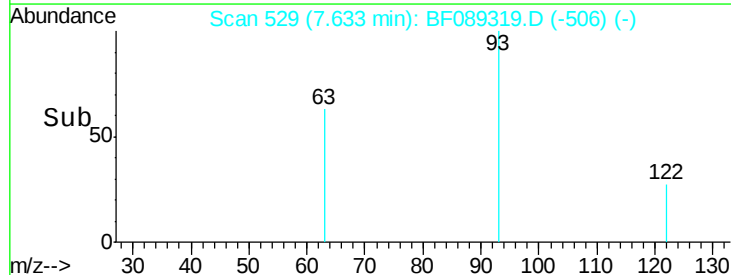
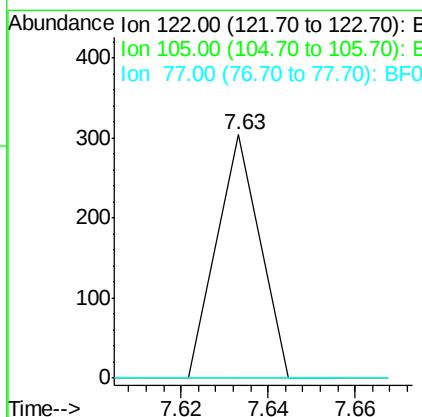
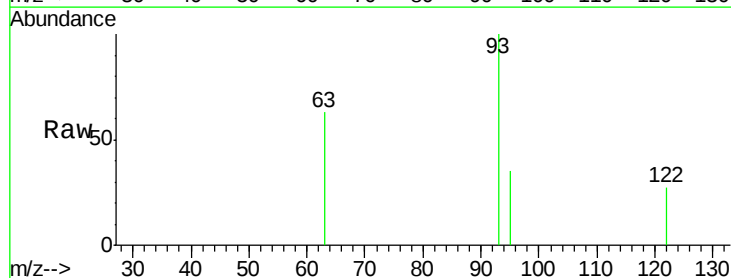
Instrument :
BNA_F
ClientSampleId :

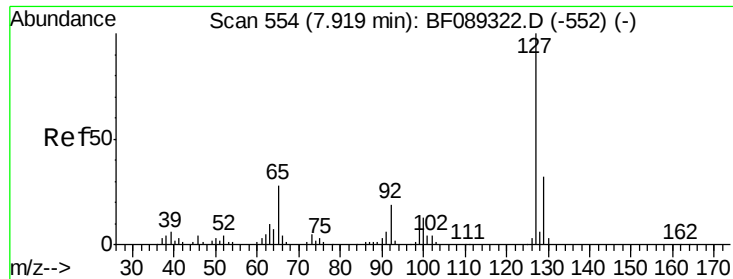
Tot Ion:128 Resp: 22769
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 0.10 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:122 Resp: 208
Ion Ratio Lower Upper
122 100
105 0.0 106.4 146.4#
77 0.0 76.4 116.4#

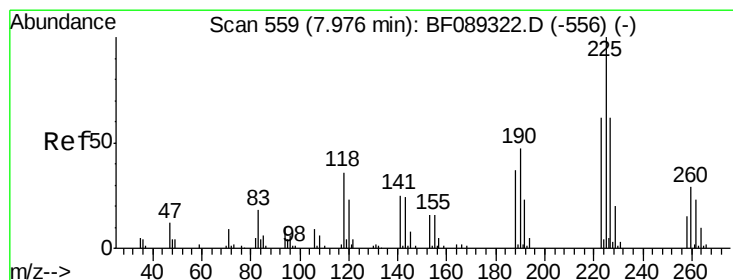
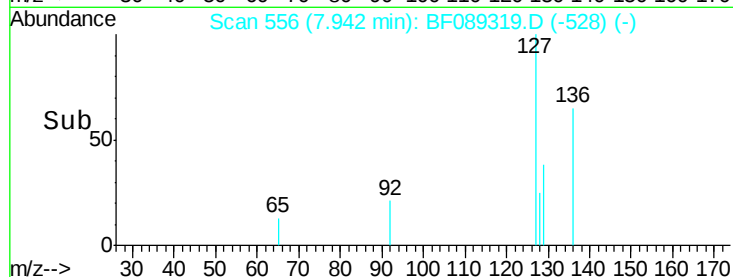
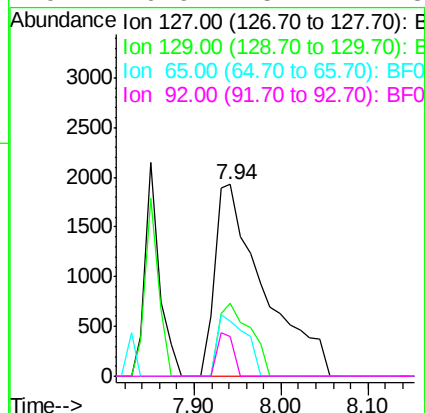
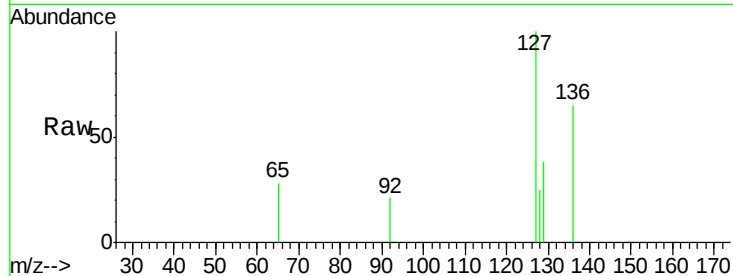




#33
4-Chloroaniline
Concen: 1.86 ng
RT: 7.94 min Scan# 556
Delta R.T. 0.02 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

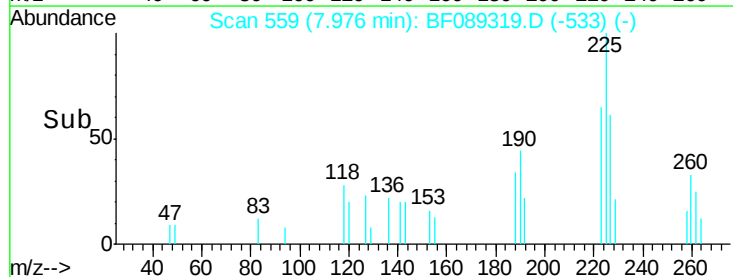
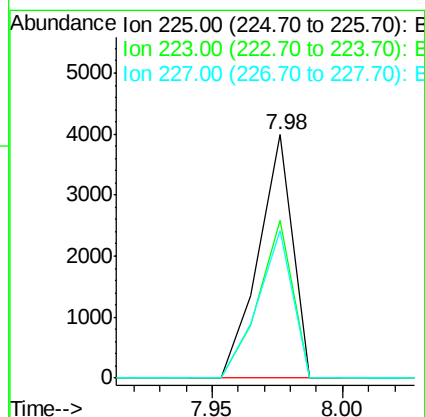
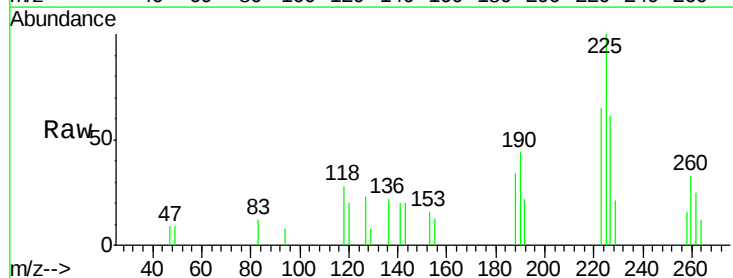
Instrument :
BNA_F
ClientSampleId :

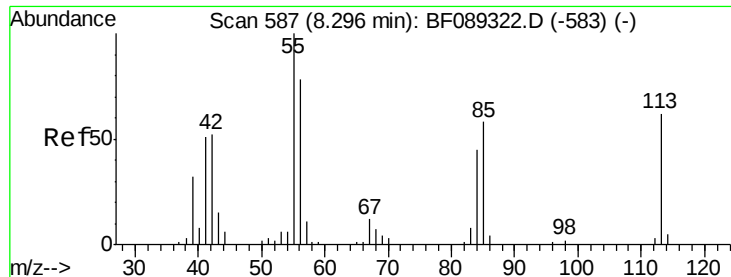
Tot Ion:	127	Resp:	7577
Ion	Ratio	Lower	Upper
127	100		
129	37.8	26.1	39.1
65	28.5	22.0	33.0
92	20.9	15.2	22.8



#34
Hexachlorobutadiene
Concen: 2.31 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:	225	Resp:	3663
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.8	74.8
227	60.6	49.4	74.2





#35

Caprolactam

Concen: 1.00 ng

RT: 8.24 min Scan# 582

Delta R.T. -0.06 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampled :

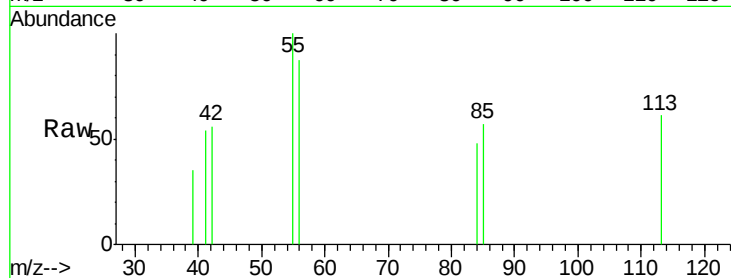
Tot Ion:113 Resp: 791

Ion Ratio Lower Upper

113 100

55 164.7 142.3 182.3

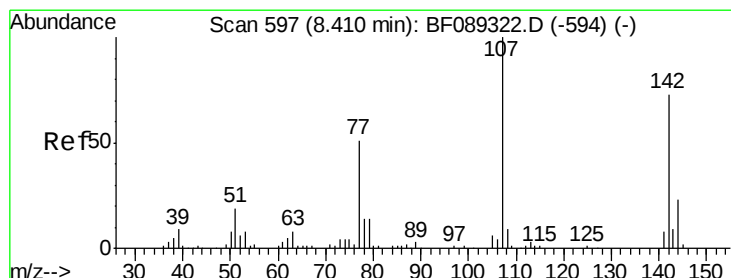
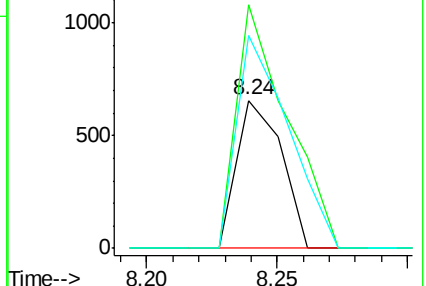
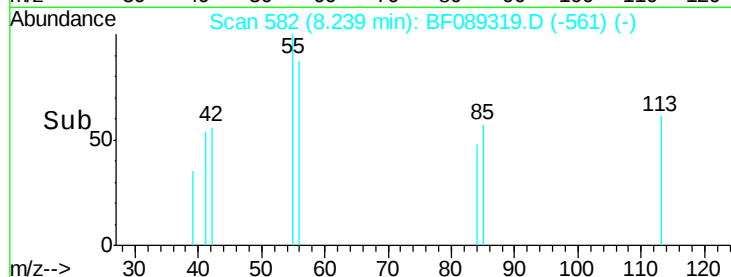
56 144.1 105.8 145.8



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: 1.76 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

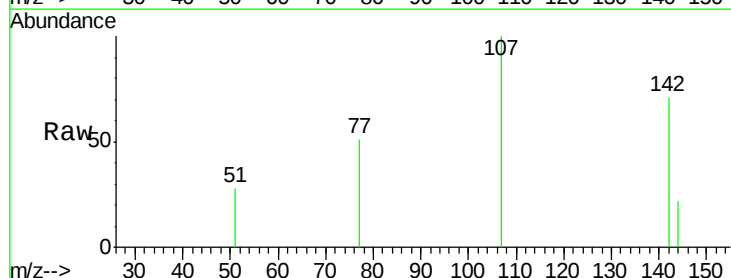
Tgt Ion:107 Resp: 5459

Ion Ratio Lower Upper

107 100

144 21.6 18.4 27.6

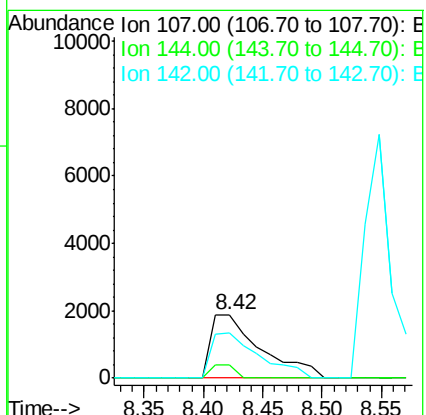
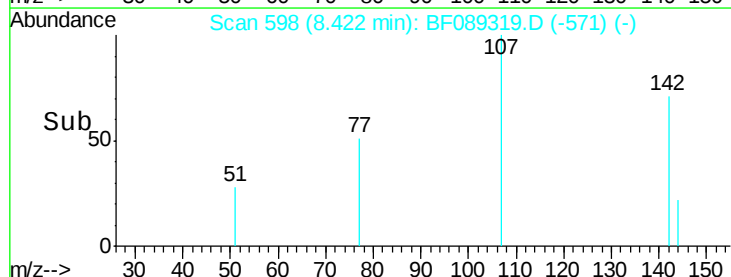
142 70.8 58.6 87.8

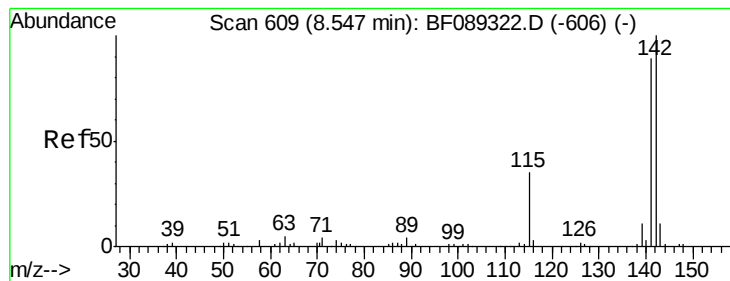


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 1.97 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

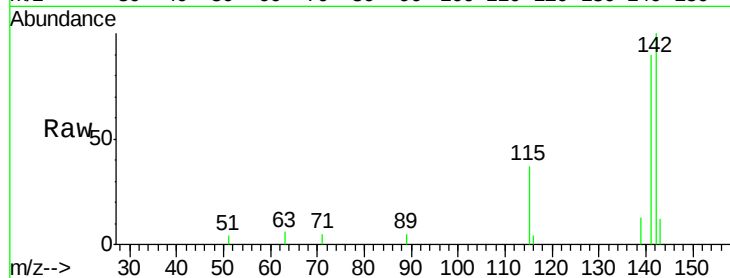
Tot Ion:142 Resp: 12215

Ion Ratio Lower Upper

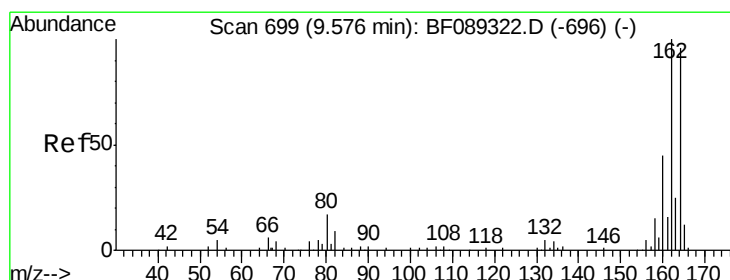
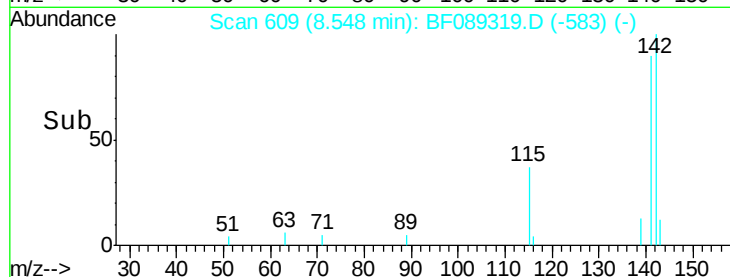
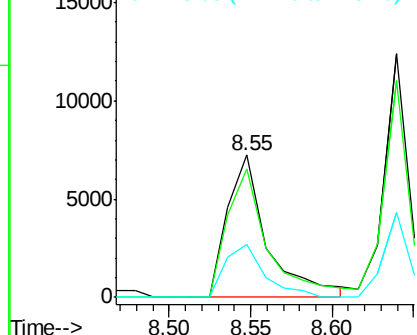
142 100

141 90.0 70.9 106.3

115 37.4 27.6 41.4



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: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

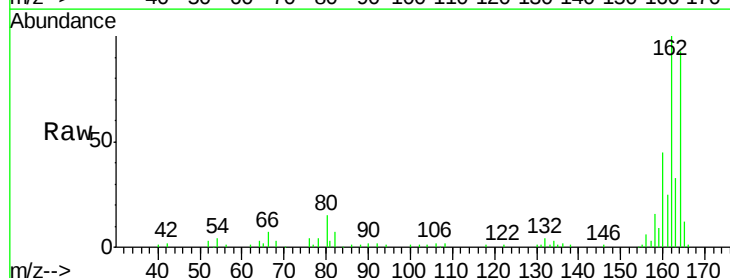
Tgt Ion:164 Resp: 85074

Ion Ratio Lower Upper

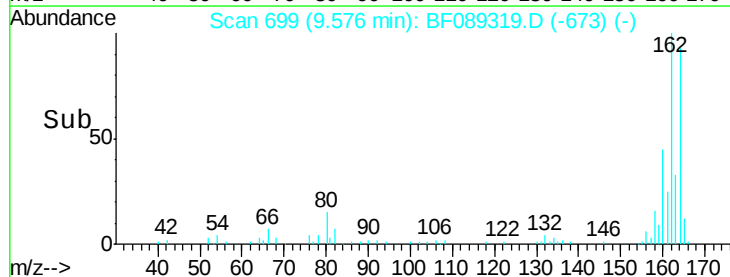
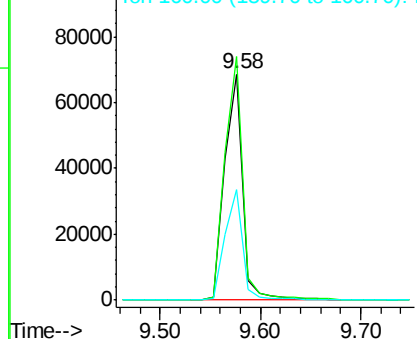
164 100

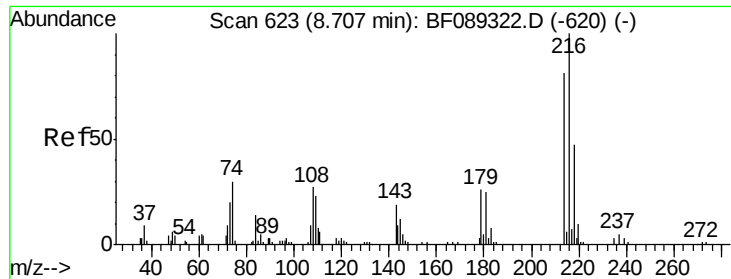
162 107.6 83.7 125.5

160 48.9 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: 2.29 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089319.D

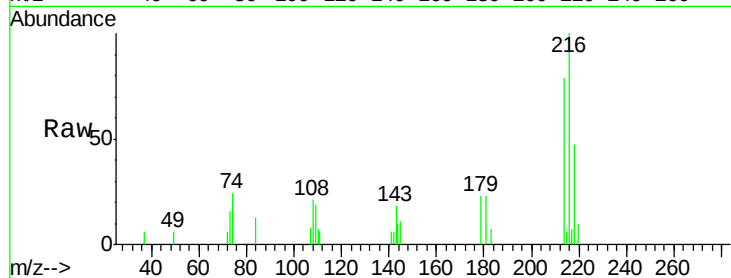
Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	7177
Ion Ratio	Lower	Upper
216	100	
214	72.6	63.3 94.9
179	18.9	18.1 27.1
108	15.6	17.2 25.8

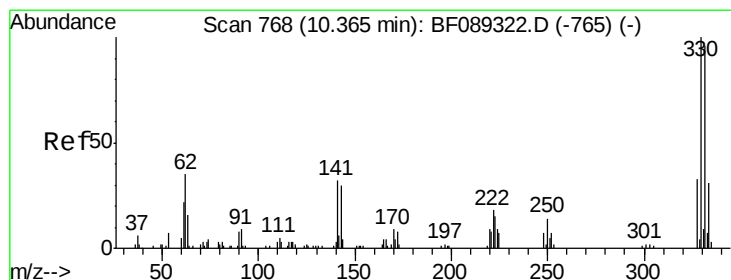
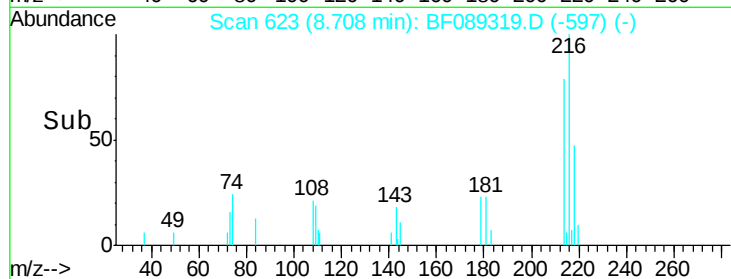
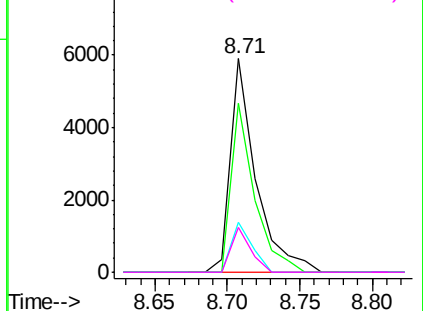


Abundance Ion 216.00 (215.70 to 216.70): E

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



#41

2,4,6-Tribromophenol

Concen: 3.75 ng

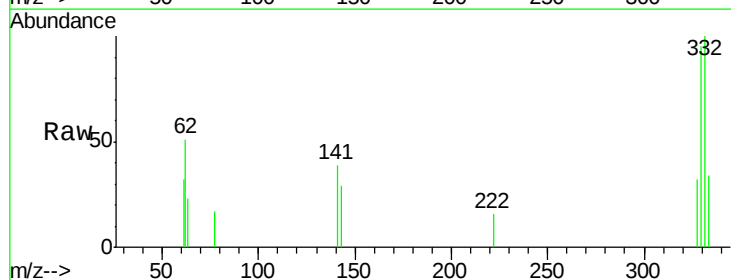
RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

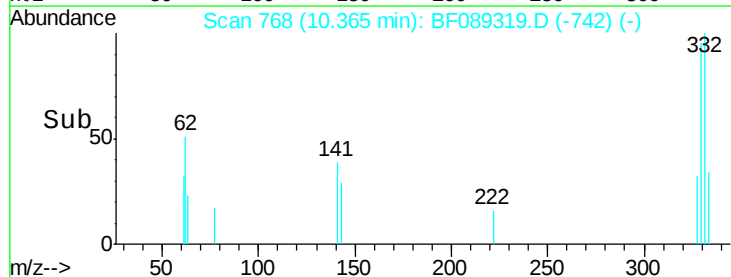
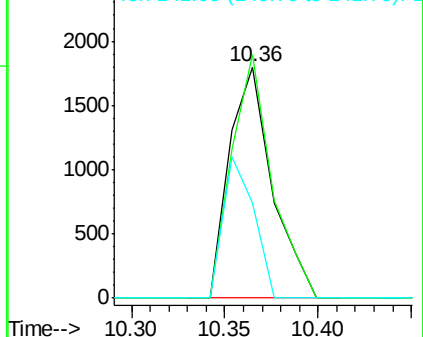
Tgt Ion:330	Resp:	2874
Ion Ratio	Lower	Upper
330	100	
332	99.1	76.8 115.2
141	43.9	37.3 55.9

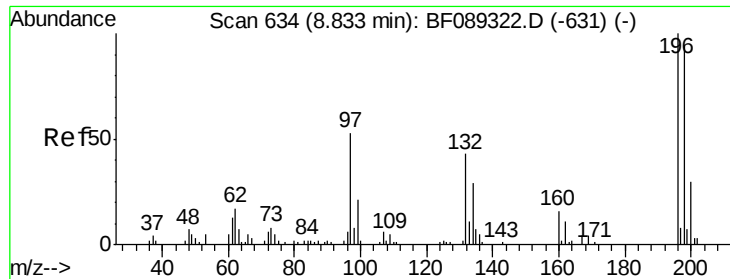


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

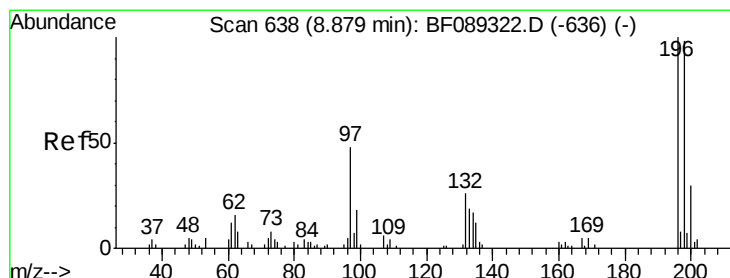
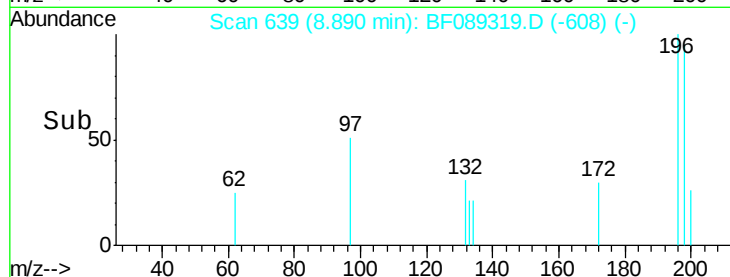
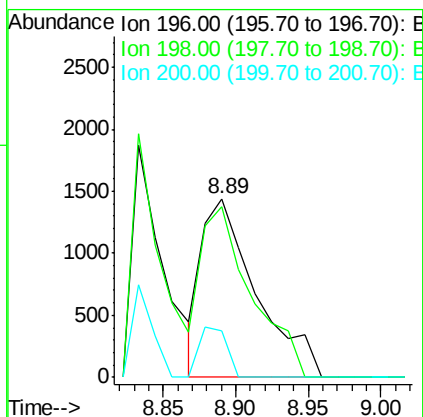
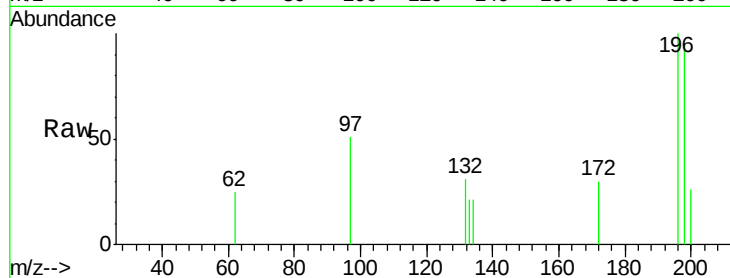




#42
 2,4,6-Trichlorophenol
 Concen: 2.20 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.06 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

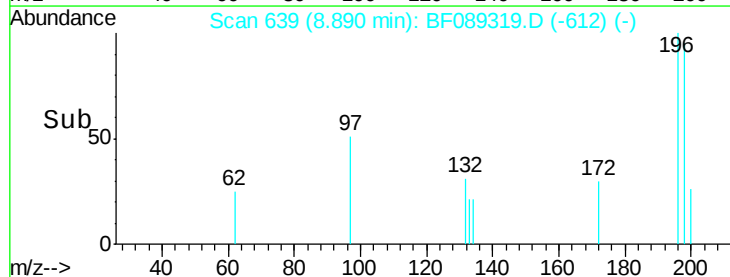
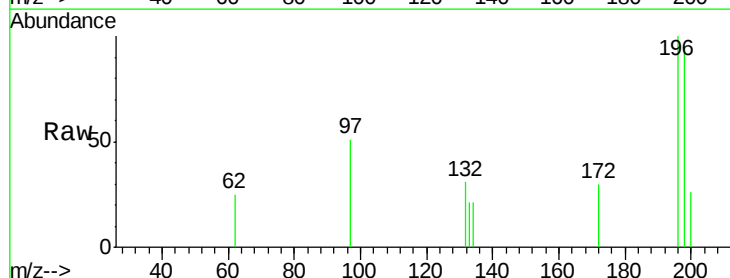
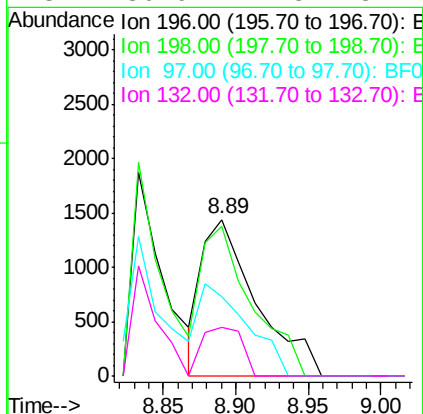
Instrument :
 BNA_F
 ClientSampleId :

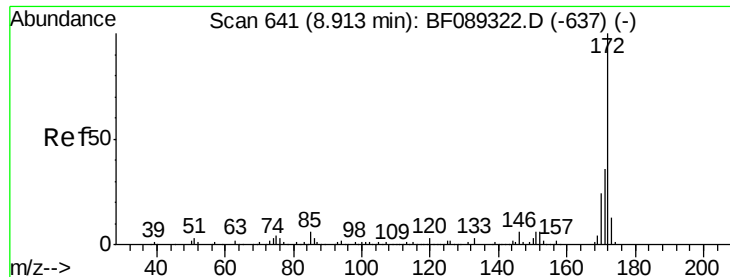
Tot Ion:196 Resp: 3766
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.5 113.3
 200 25.8 23.9 35.9



#43
 2,4,5-Trichlorophenol
 Concen: 2.15 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:196 Resp: 3766
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.7 118.1
 97 51.0 39.7 59.5
 132 30.9 22.8 34.2

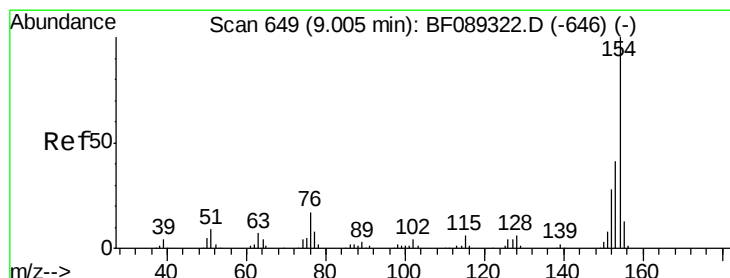
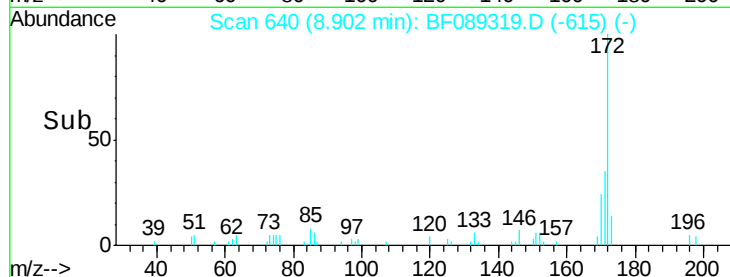
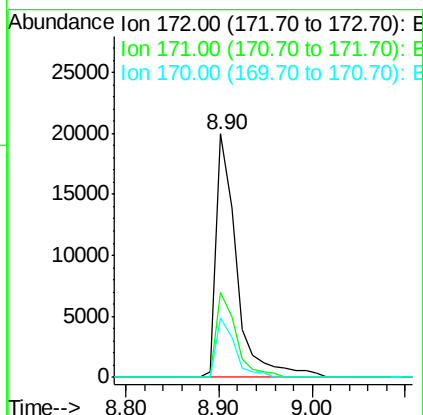
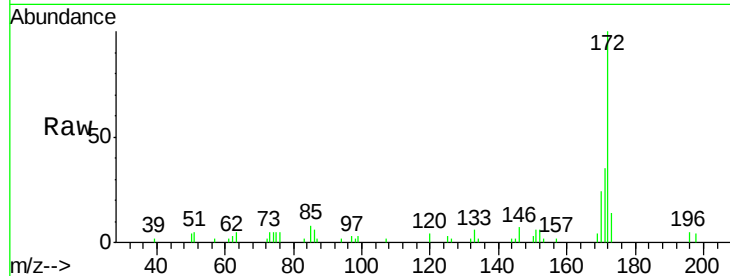




#44
 2-Fluorobiphenyl
 Concen: 4.99 ng
 RT: 8.90 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

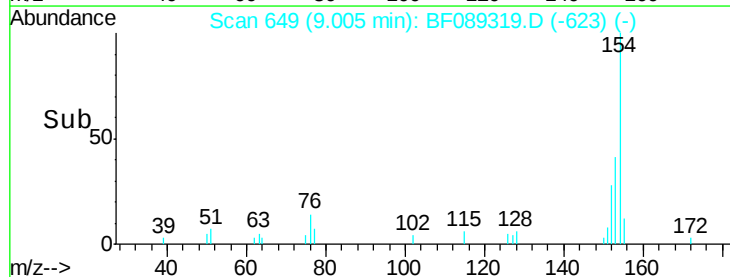
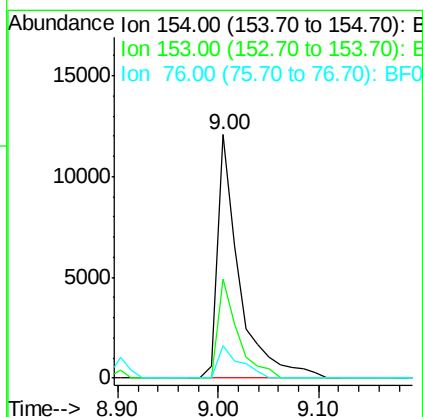
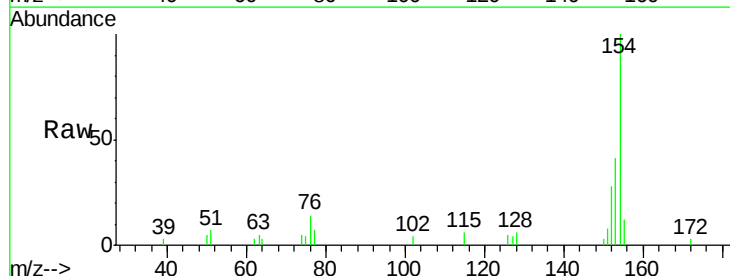
Instrument :
 BNA_F
 ClientSampled :

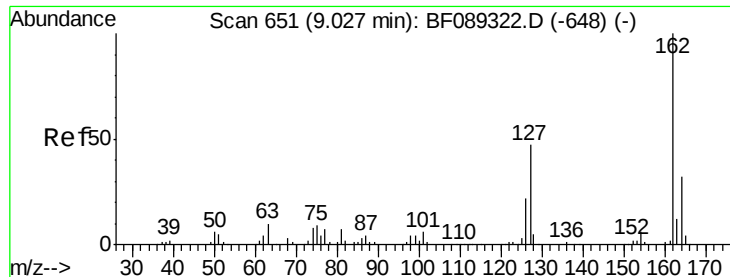
Tot Ion:172 Resp: 30406
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.2 43.8
 170 24.3 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: 2.38 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:154 Resp: 18132
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.0 61.0
 76 13.6 0.0 36.6

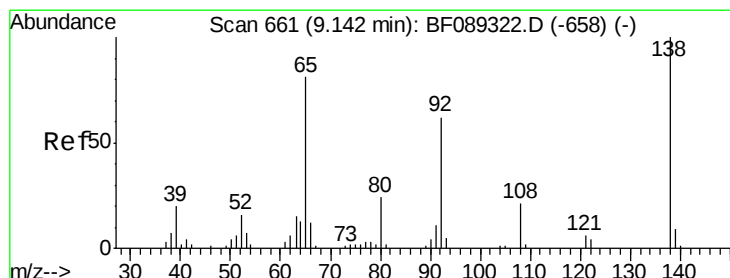
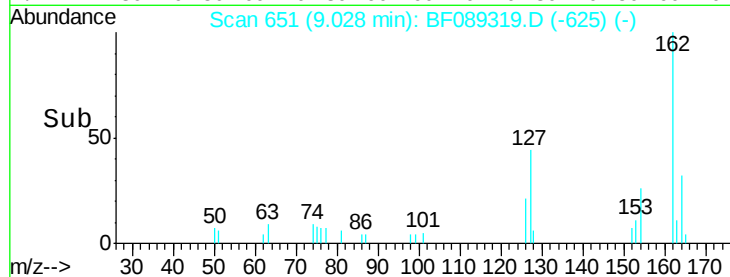
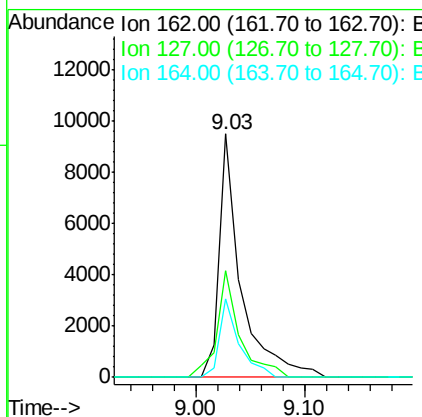
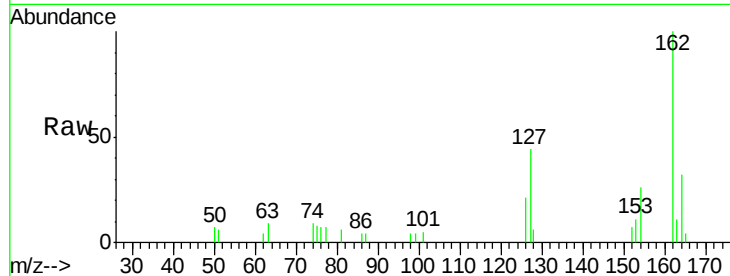




#46
 2-Chloronaphthalene
 Concen: 2.30 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

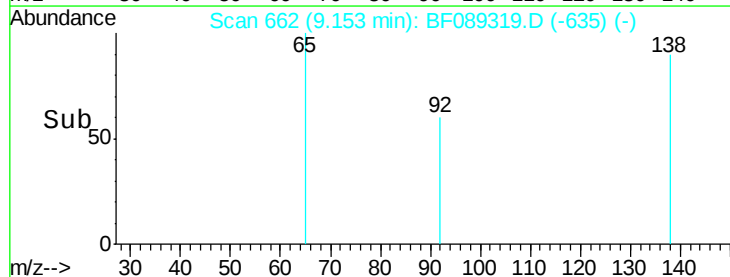
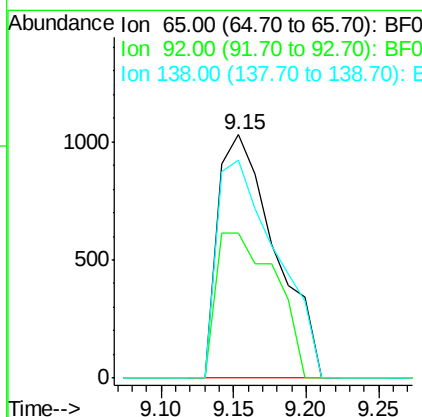
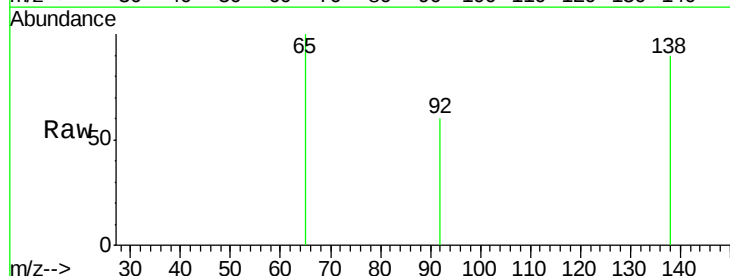
Instrument :
 BNA_F
 ClientSampleId :

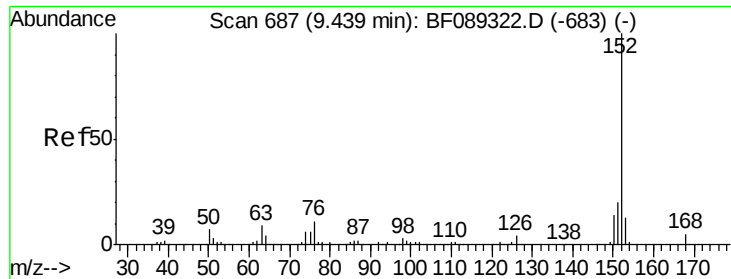
Tot Ion:162 Resp: 13290
 Ion Ratio Lower Upper
 162 100
 127 43.5 37.8 56.8
 164 32.3 25.8 38.8



#47
 2-Nitroaniline
 Concen: 1.44 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion: 65 Resp: 2810
 Ion Ratio Lower Upper
 65 100
 92 59.7 61.0 91.4#
 138 89.7 99.1 148.7#





#48

Acenaphthylene

Concen: 2.33 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

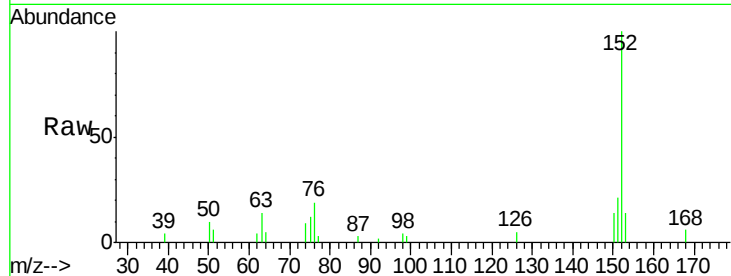
Tot Ion:152 Resp: 21350

Ion Ratio Lower Upper

152 100

151 21.3 16.2 24.2

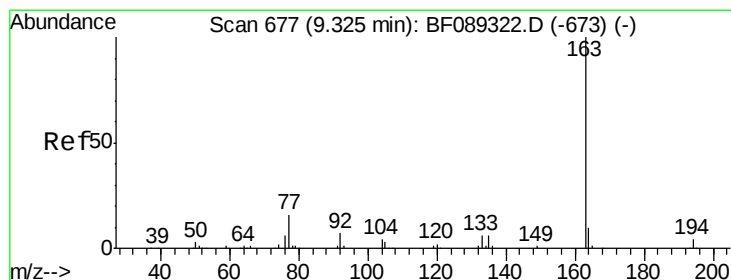
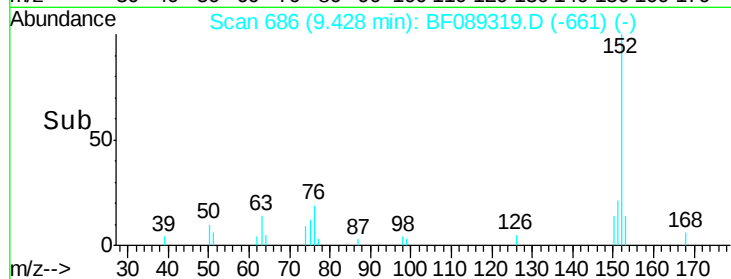
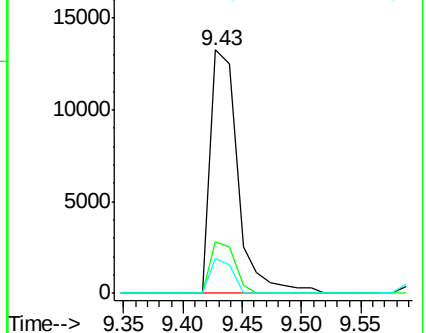
153 14.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.37 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

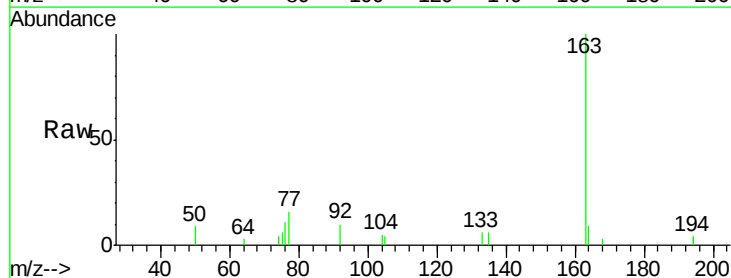
Tgt Ion:163 Resp: 15356

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

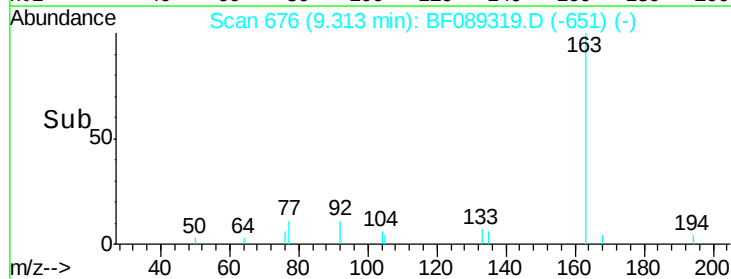
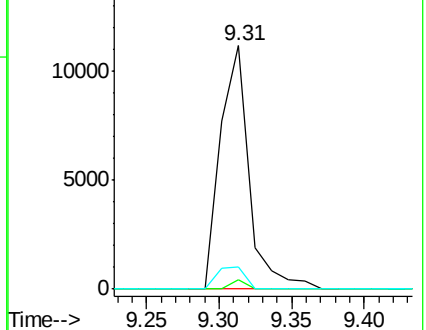
164 9.0 7.8 11.8

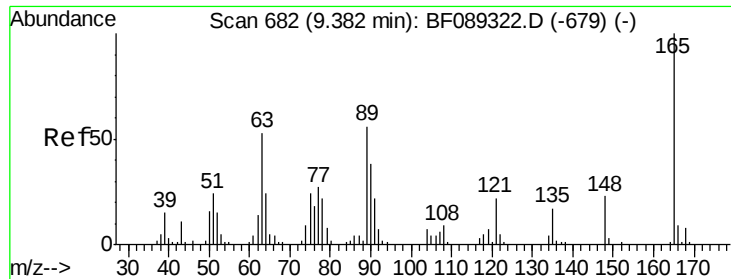


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

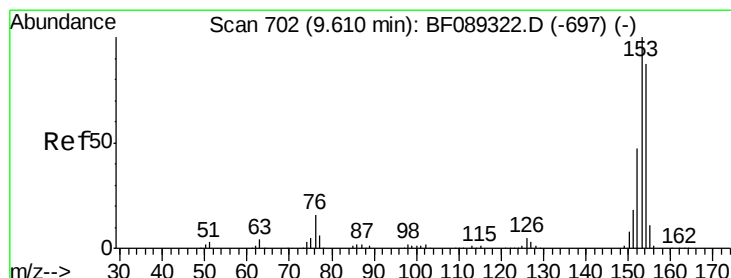
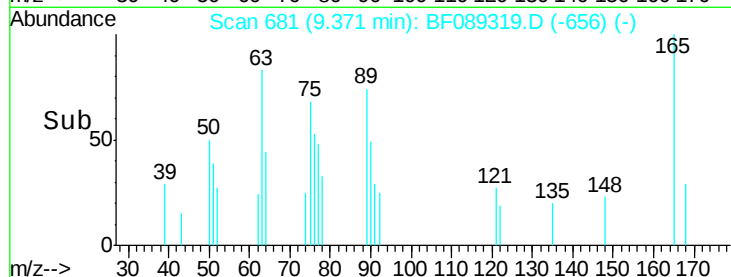
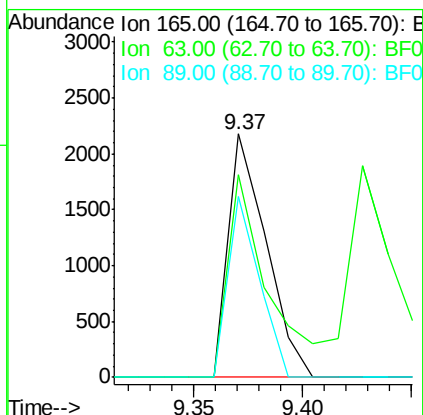
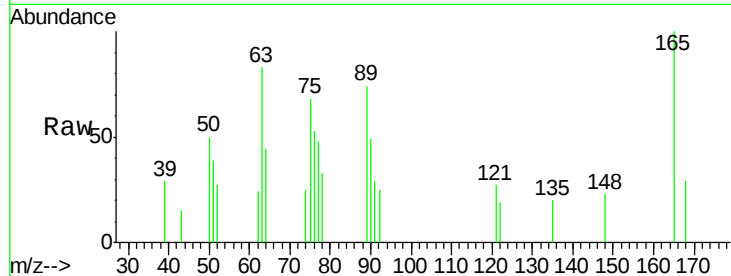




#50
 2,6-Dinitrotoluene
 Concen: 1.82 ng
 RT: 9.37 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

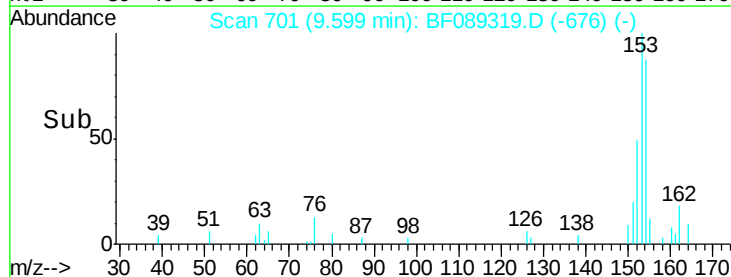
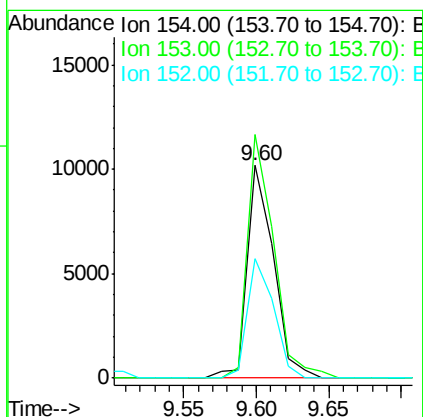
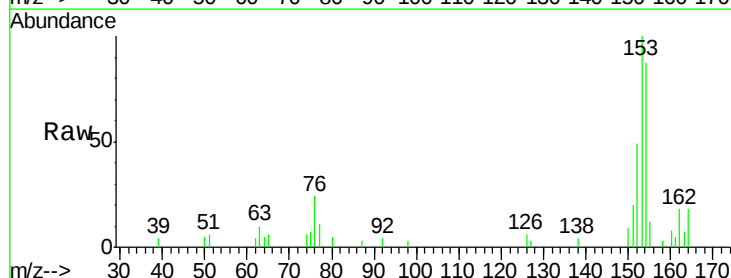
Instrument :
 BNA_F
 ClientSampleId :

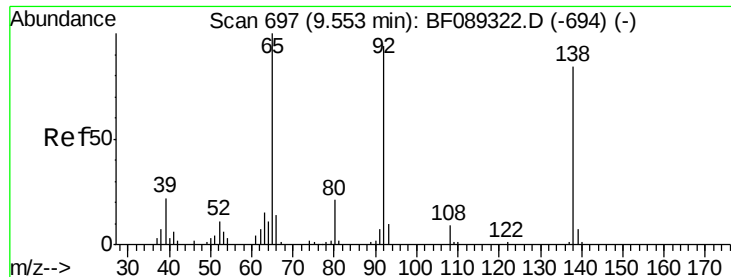
Tot Ion:165 Resp: 2639
 Ion Ratio Lower Upper
 165 100
 63 83.3 43.5 65.3#
 89 74.3 45.0 67.4#



#51
 Acenaphthene
 Concen: 2.39 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:154 Resp: 12856
 Ion Ratio Lower Upper
 154 100
 153 114.6 91.4 137.2
 152 56.1 43.8 65.6

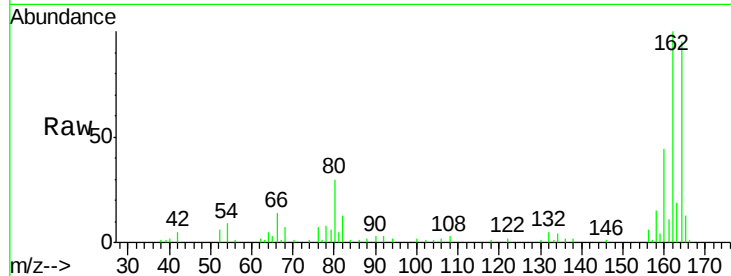




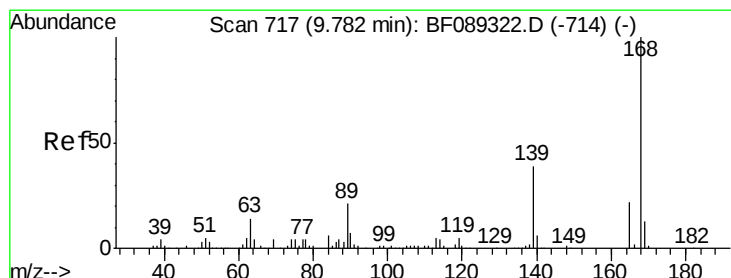
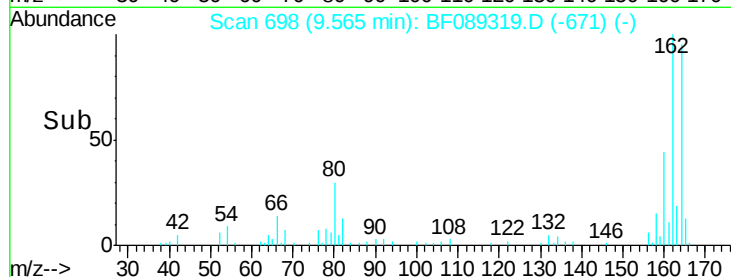
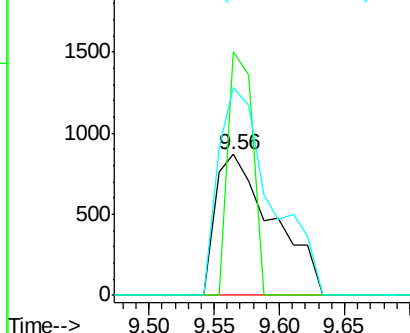
#52
3-Nitroaniline
Concen: 1.58 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 2671
Ion Ratio Lower Upper
138 100
108 173.0 8.6 13.0#
92 147.7 90.0 135.0#

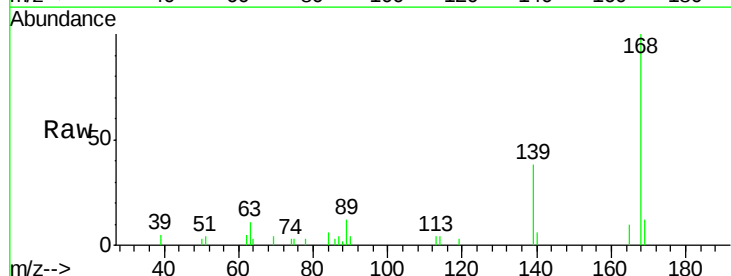


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

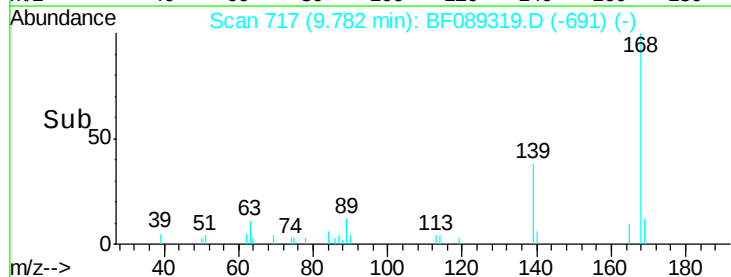
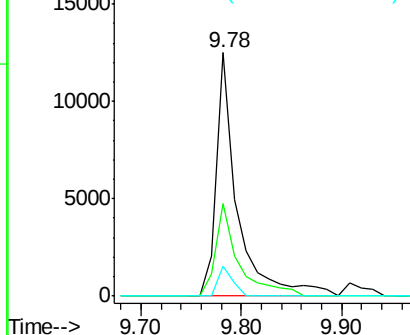


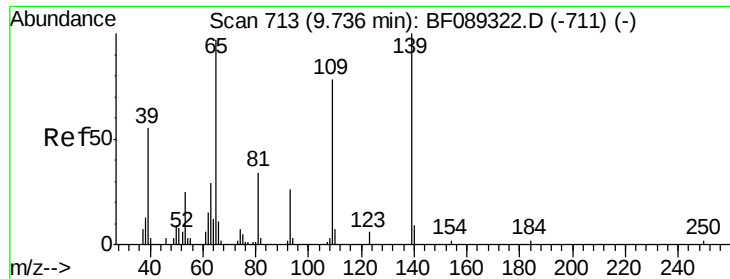
#54
Dibenzofuran
Concen: 2.49 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:168 Resp: 18059
Ion Ratio Lower Upper
168 100
139 38.0 33.7 50.5
169 12.2 10.7 16.1



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

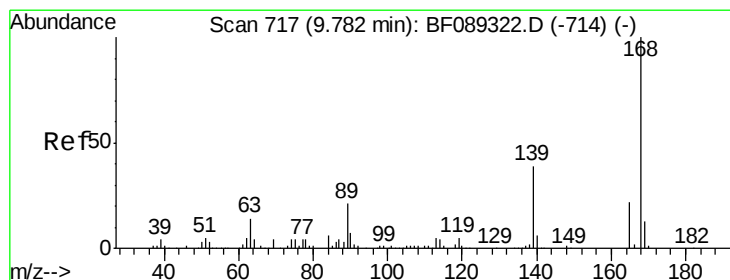
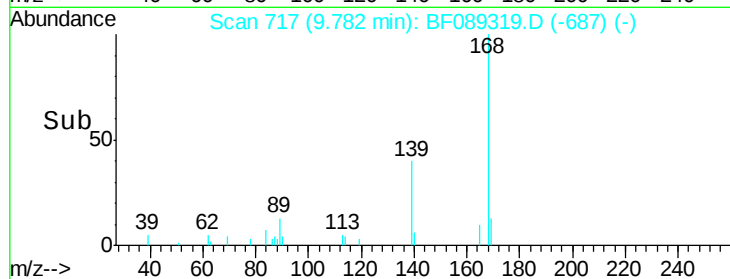
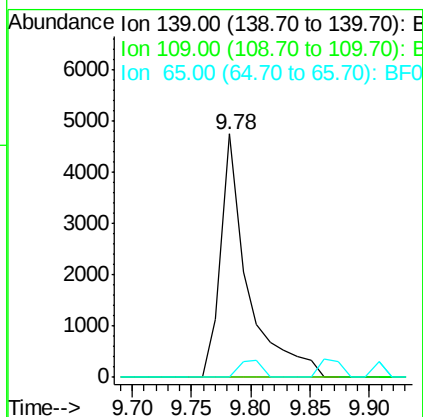
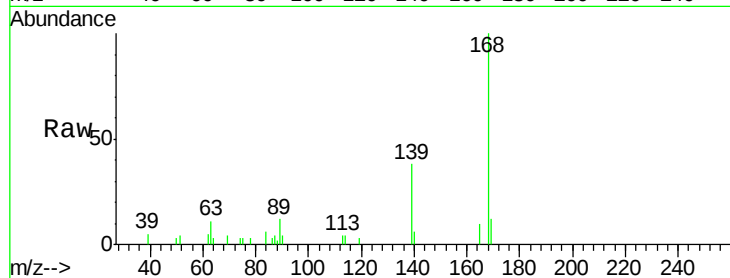




#55
4-Nitrophenol
Concen: 7.69 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

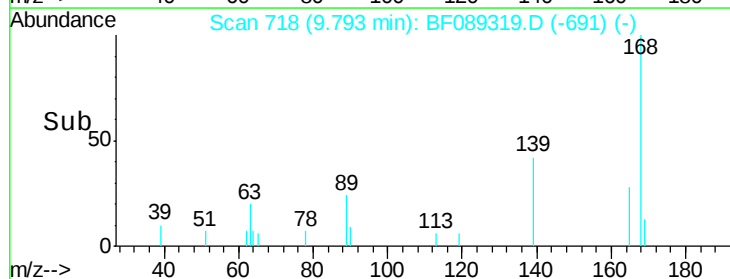
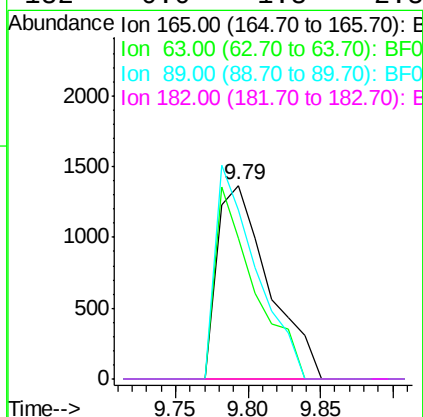
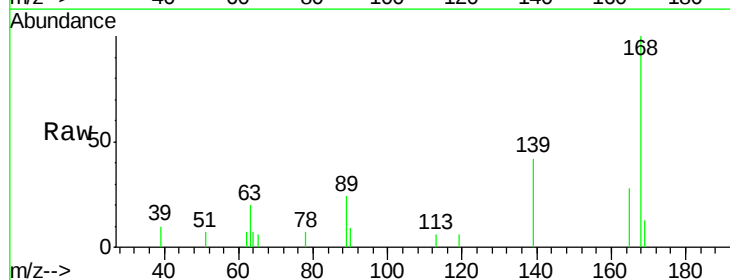
Instrument :
BNA_F
ClientSampleId :

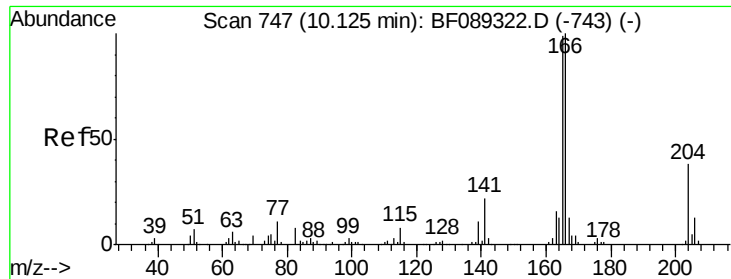
Tot Ion:139 Resp: 7503
Ion Ratio Lower Upper
139 100
109 0.0 57.8 97.8#
65 0.0 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 1.78 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:165 Resp: 3356
Ion Ratio Lower Upper
165 100
63 72.7 58.2 87.2
89 87.3 79.1 118.7
182 0.0 1.8 2.8#

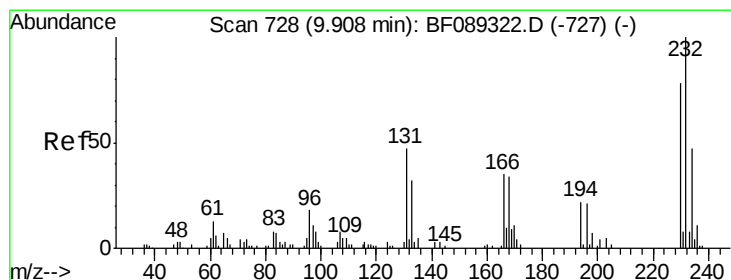
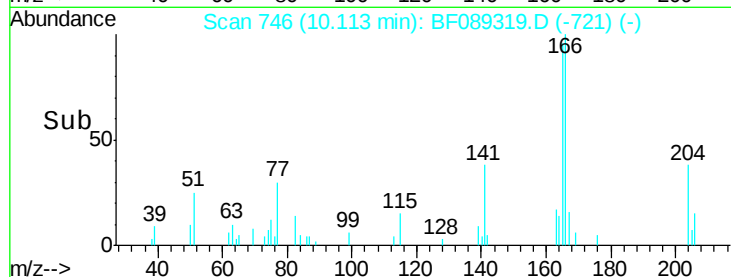
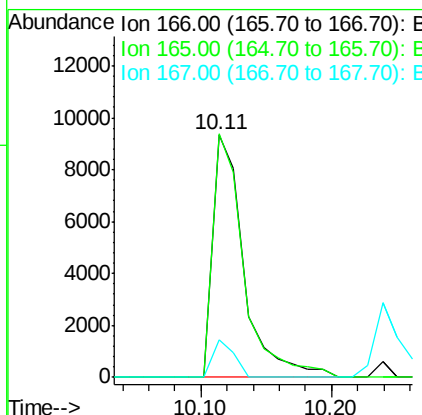
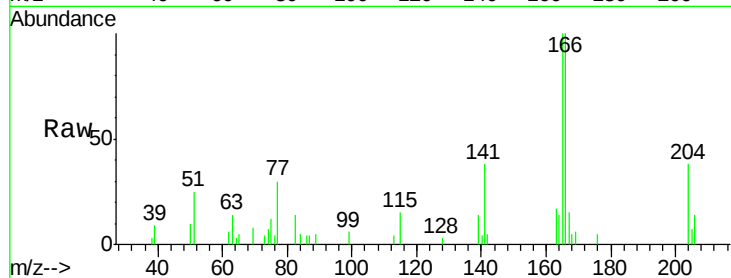




#57
 Fluorene
 Concen: 2.57 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

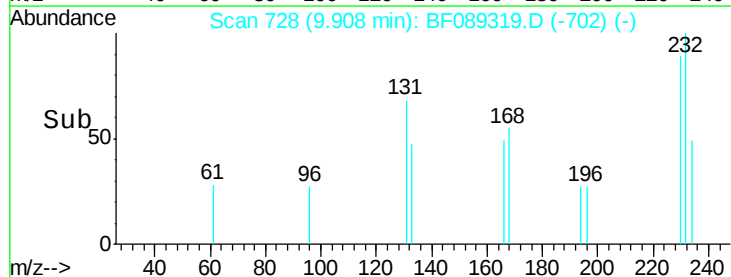
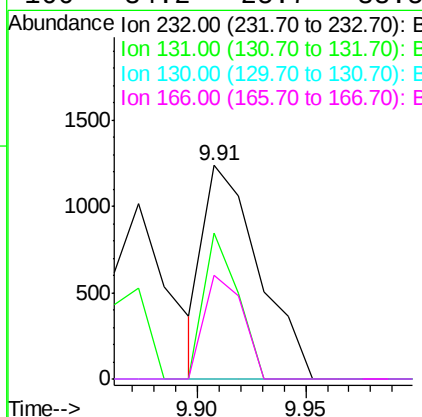
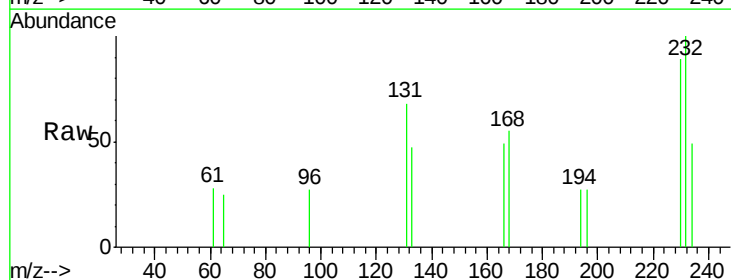
Instrument :
 BNA_F
 ClientSampleId :

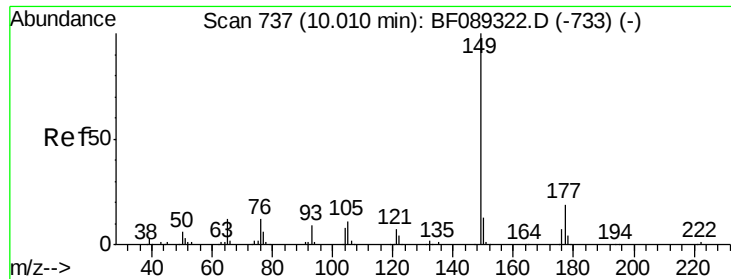
Tot Ion:166 Resp: 15630
 Ion Ratio Lower Upper
 166 100
 165 100.4 79.0 118.4
 167 15.6 10.2 15.2#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.72 ng
 RT: 9.91 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:232 Resp: 2172
 Ion Ratio Lower Upper
 232 100
 131 42.4 42.7 64.1#
 130 0.0 1.7 2.5#
 166 34.2 25.7 38.5

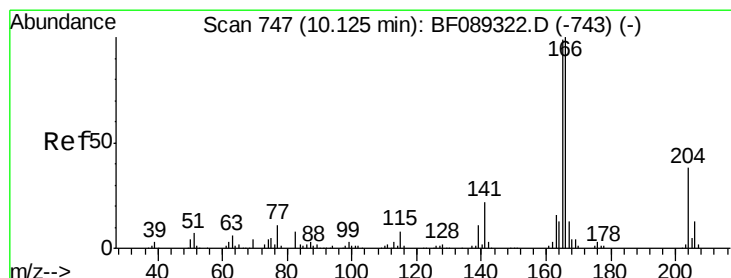
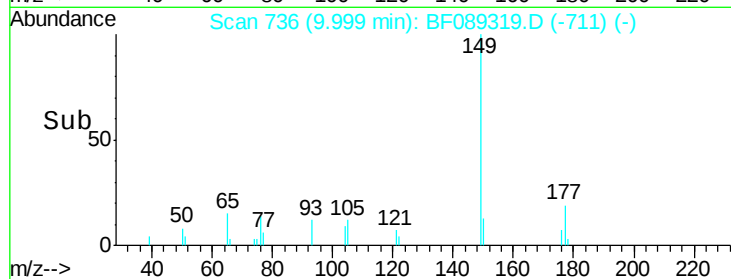
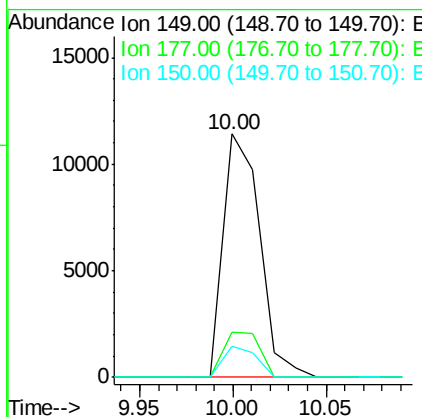
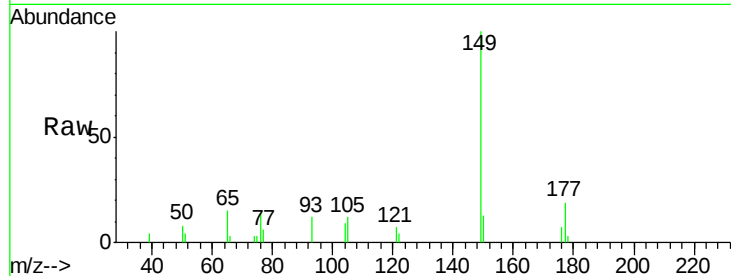




#59
Diethylphthalate
Concen: 2.42 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

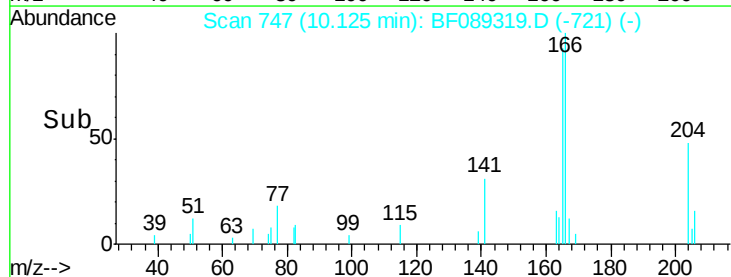
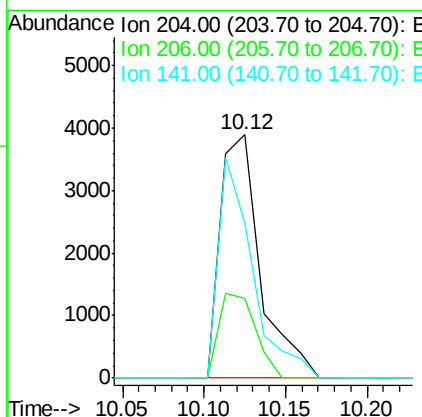
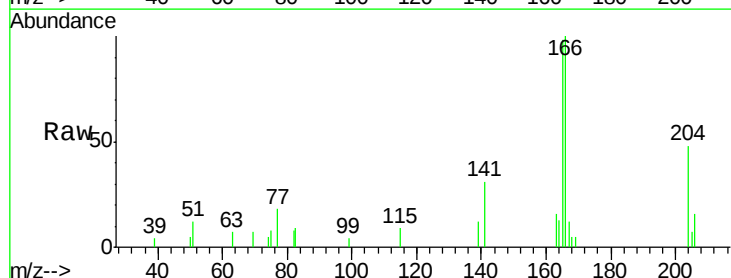
Instrument :
BNA_F
ClientSampleId :

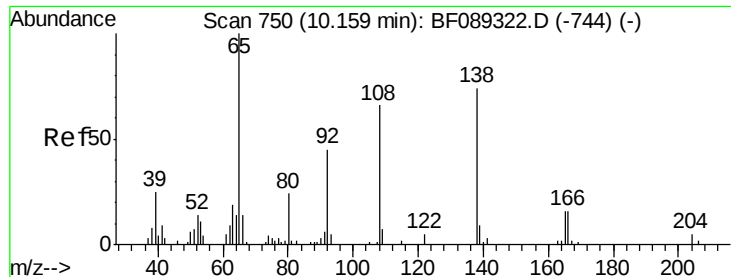
Tot Ion:149 Resp: 15606
Ion Ratio Lower Upper
149 100
177 18.6 15.1 22.7
150 12.7 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 2.35 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:204 Resp: 6591
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 63.7 46.6 70.0

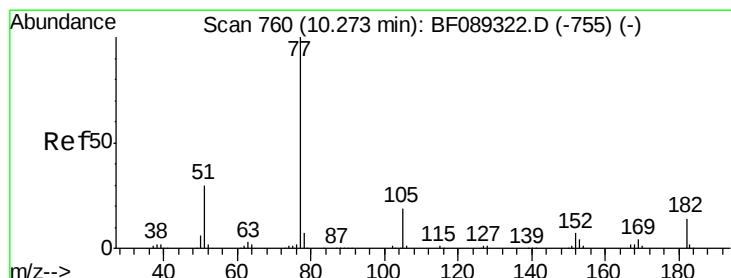
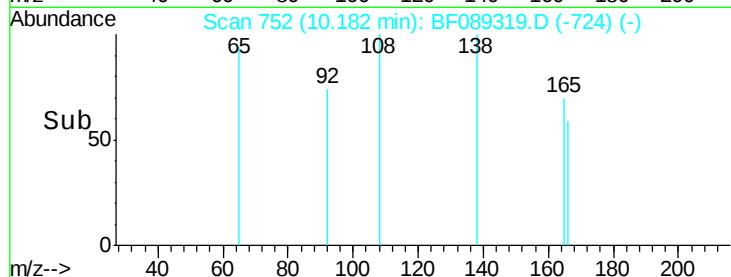
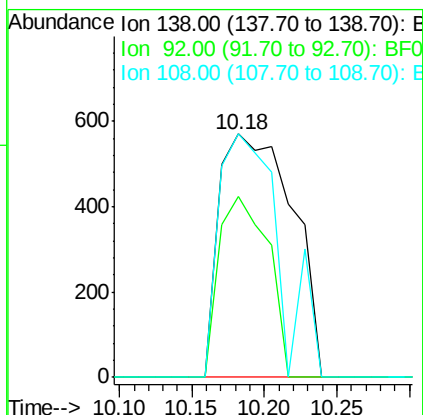
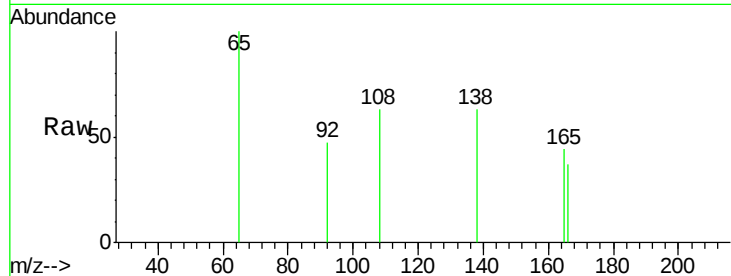




#61
4-Nitroaniline
Concen: 1.19 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.02 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

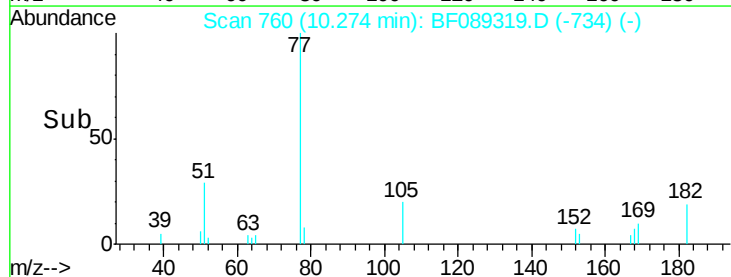
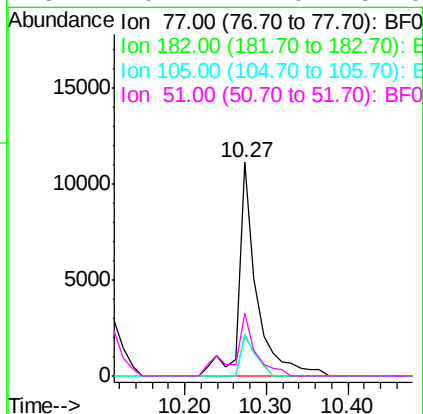
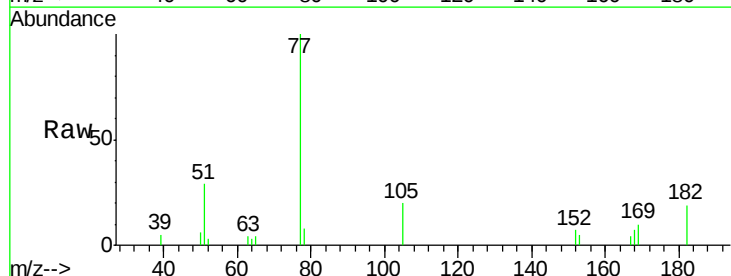
Instrument :
BNA_F
ClientSampleId :

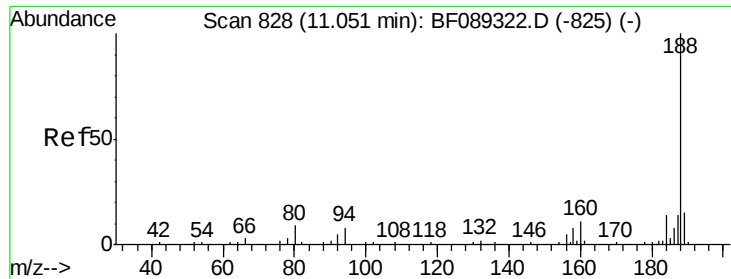
Tot Ion:138 Resp: 1993
Ion Ratio Lower Upper
138 100
92 74.1 41.2 81.2
108 99.8 69.6 109.6



#62
Azobenzene
Concen: 2.44 ng
RT: 10.27 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion: 77 Resp: 17075
Ion Ratio Lower Upper
77 100
182 18.5 0.0 33.8
105 19.8 0.0 39.8
51 29.4 11.0 51.0

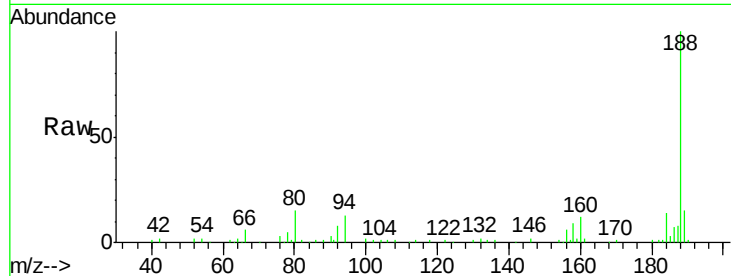




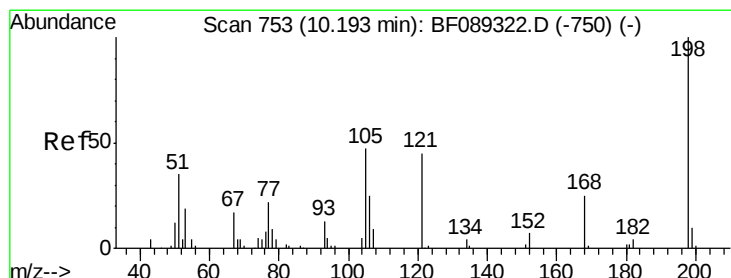
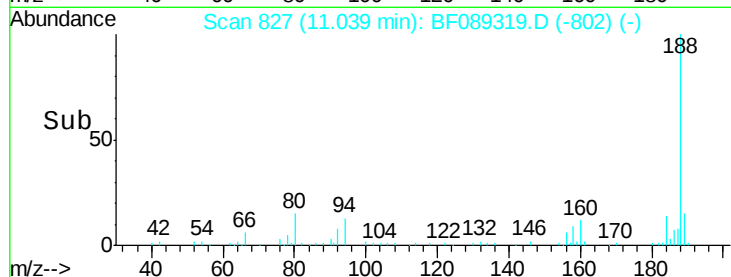
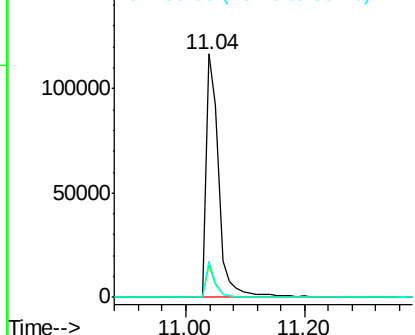
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 173068
 Ion Ratio Lower Upper
 188 100
 94 13.1 6.5 9.7#
 80 14.7 7.2 10.8#

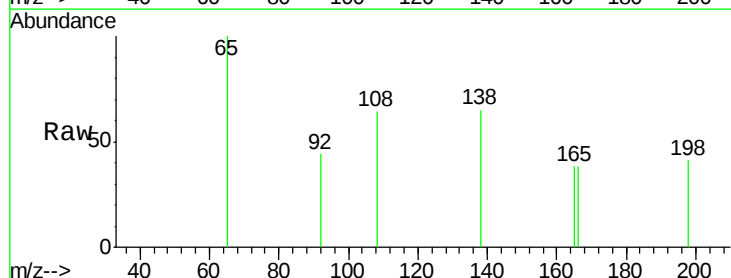


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

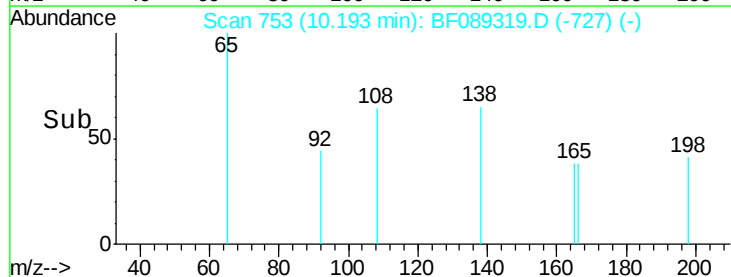
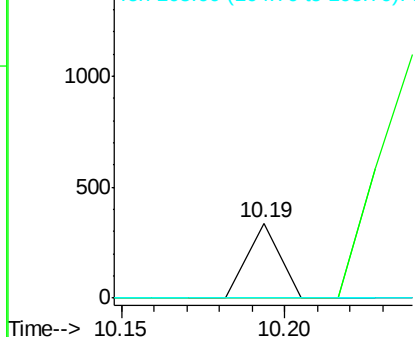


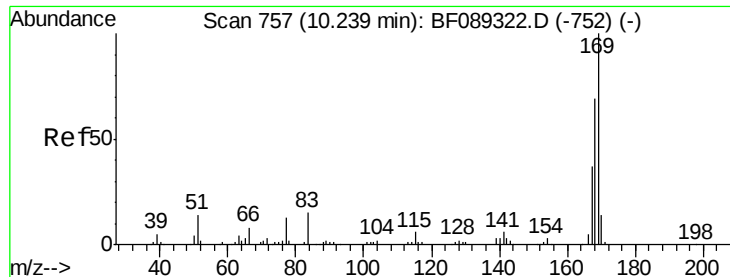
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.23 ng
 RT: 10.19 min Scan# 753
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:198 Resp: 232
 Ion Ratio Lower Upper
 198 100
 51 0.0 23.0 63.0#
 105 0.0 28.3 68.3#



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: 2.14 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

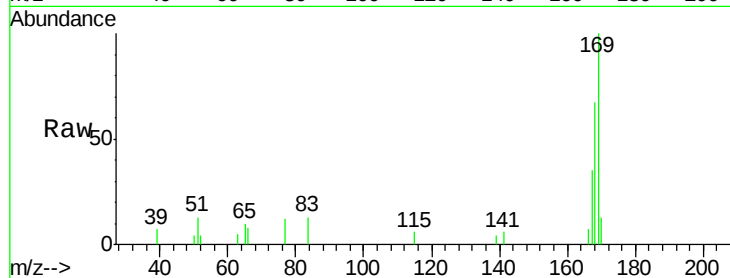
Tot Ion:169 Resp: 12390

Ion Ratio Lower Upper

169 100

168 67.5 55.4 83.0

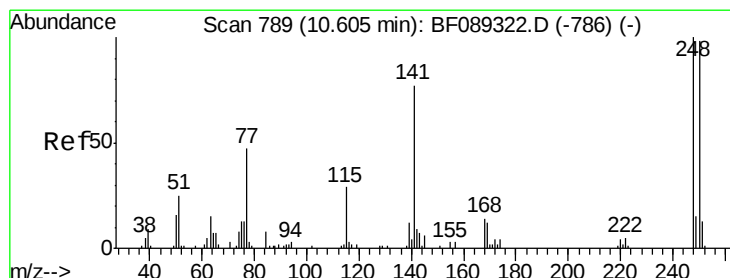
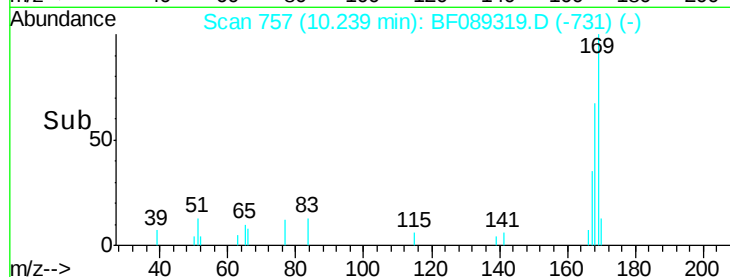
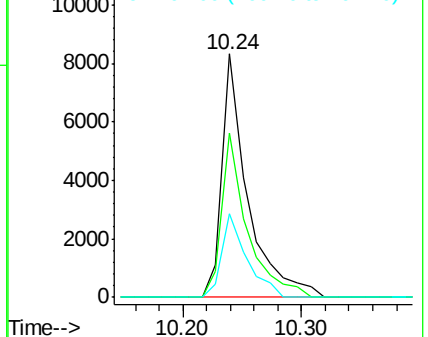
167 34.6 29.7 44.5



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: 1.95 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

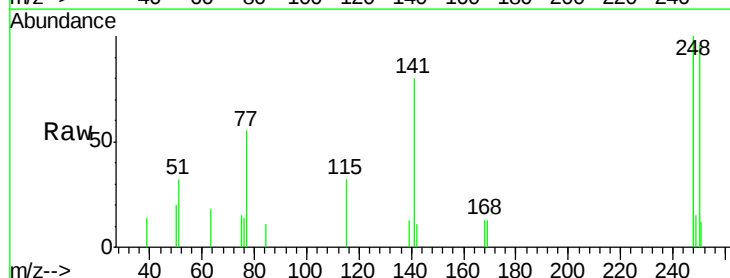
Tgt Ion:248 Resp: 3349

Ion Ratio Lower Upper

248 100

250 95.6 78.2 117.2

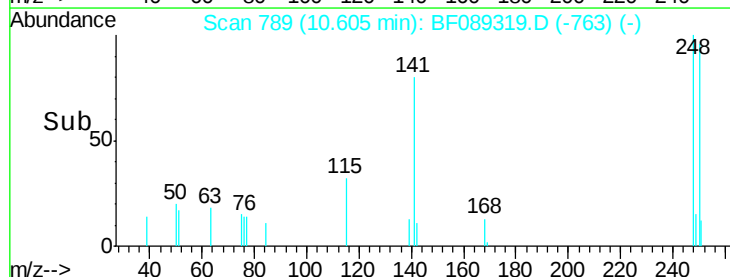
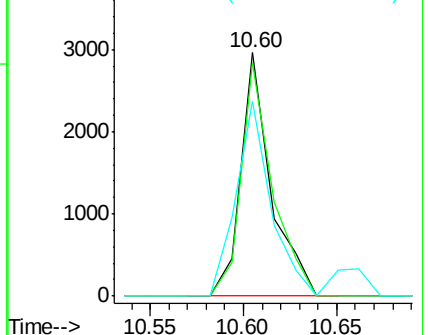
141 80.3 62.0 93.0

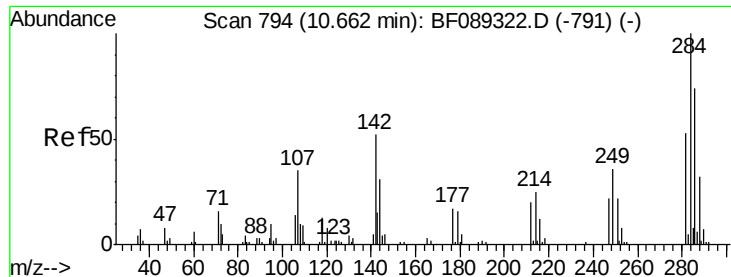


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

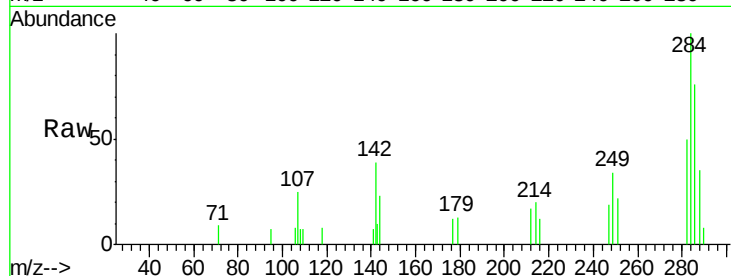




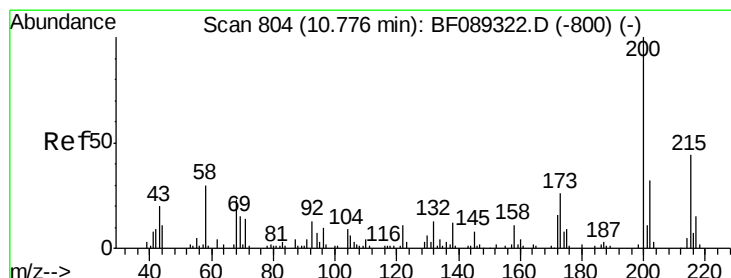
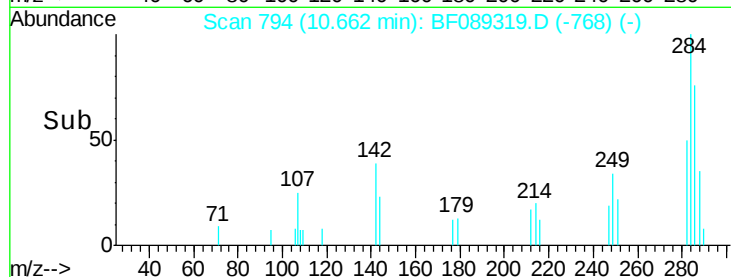
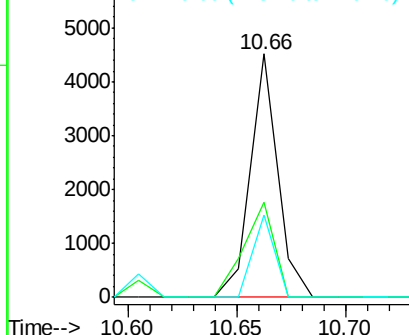
#67
Hexachlorobenzene
Concen: 2.17 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 3958
Ion Ratio Lower Upper
284 100
142 39.1 42.2 63.4#
249 33.8 29.4 44.0

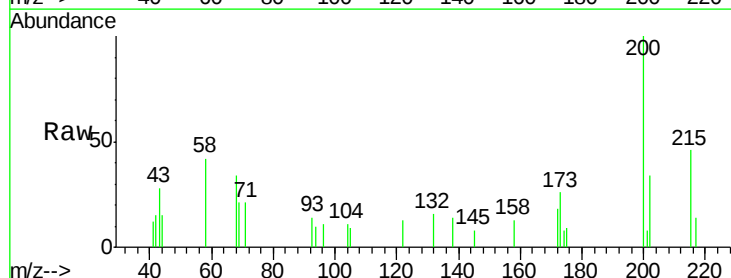


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

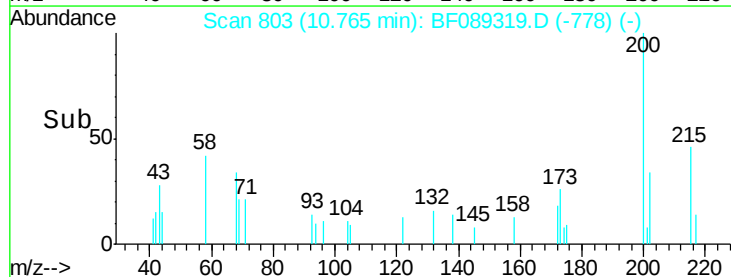
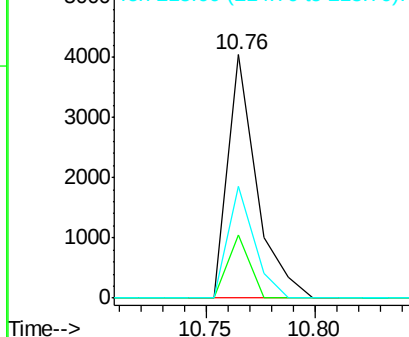


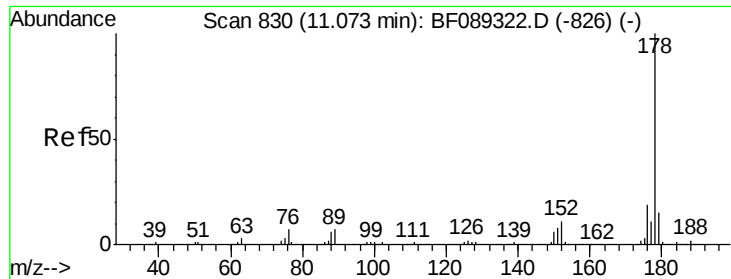
#68
Atrazine
Concen: 2.06 ng
RT: 10.76 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:200 Resp: 3705
Ion Ratio Lower Upper
200 100
173 25.8 6.0 46.0
215 45.9 24.3 64.3



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

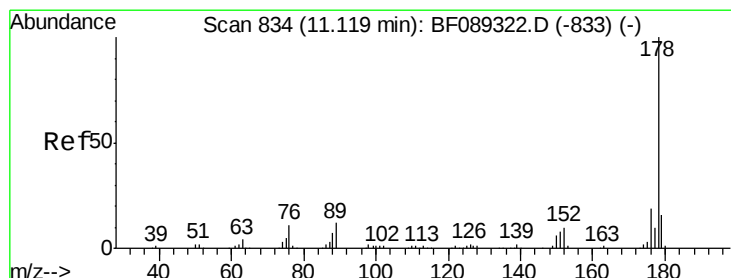
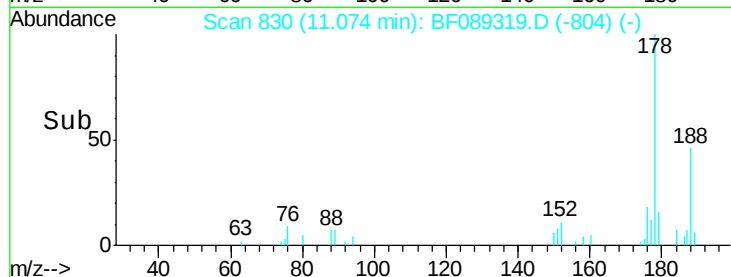
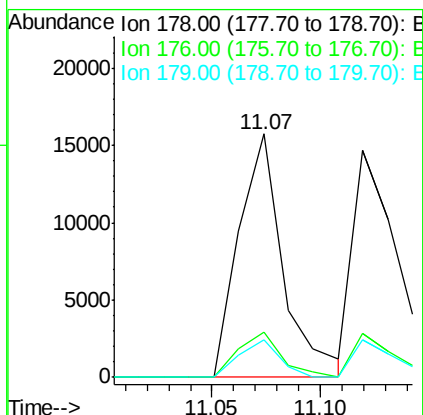
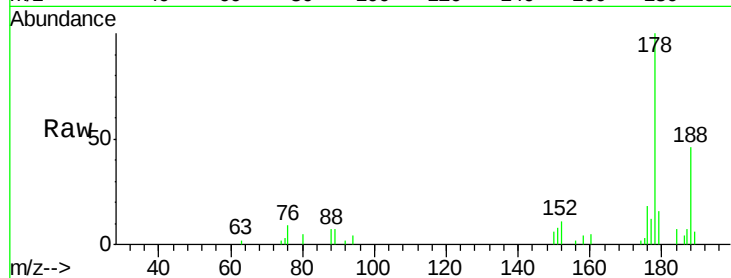




#70
Phenanthrene
Concen: 2.34 ng
RT: 11.07 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

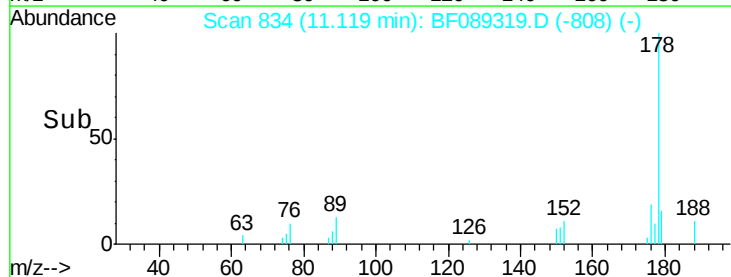
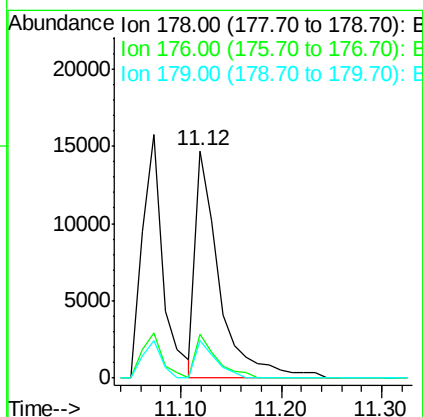
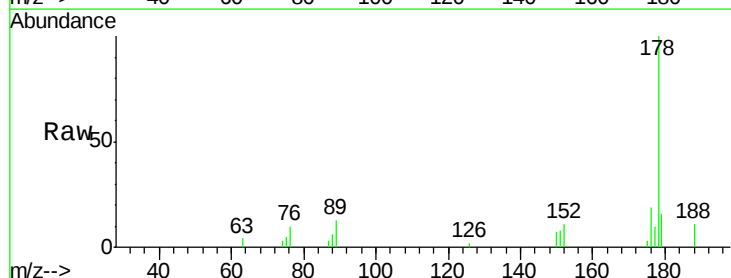
Instrument :
BNA_F
ClientSampled :

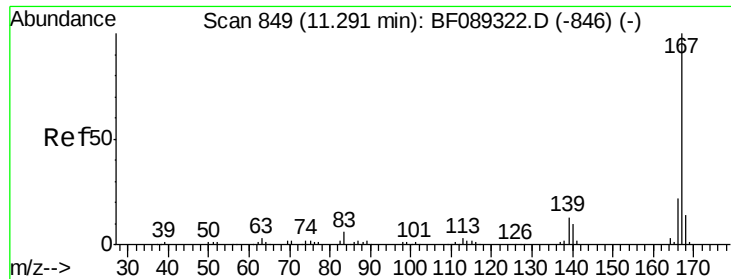
Tot Ion:178 Resp: 22343
Ion Ratio Lower Upper
178 100
176 18.5 15.5 23.3
179 15.6 12.3 18.5



#71
Anthracene
Concen: 2.50 ng
RT: 11.12 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:178 Resp: 24527
Ion Ratio Lower Upper
178 100
176 19.5 14.8 22.2
179 16.3 12.6 18.8





#72

Carbazole

Concen: 2.28 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

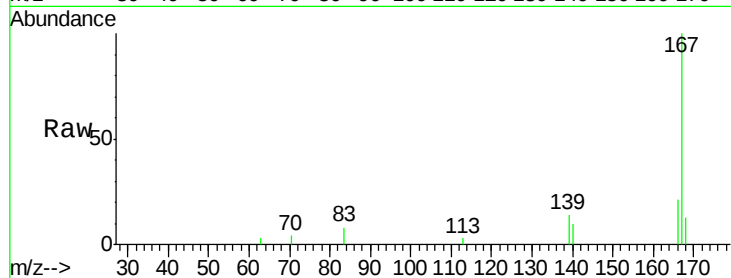
Tot Ion:167 Resp: 19391

Ion Ratio Lower Upper

167 100

166 21.0 17.6 26.4

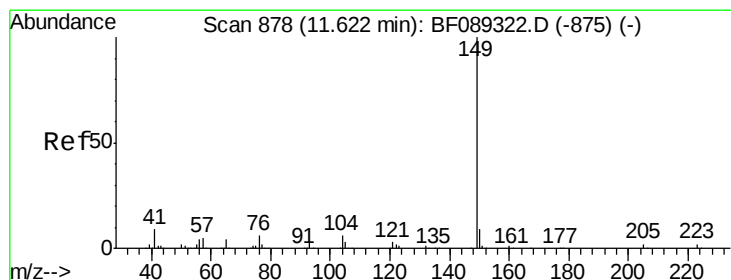
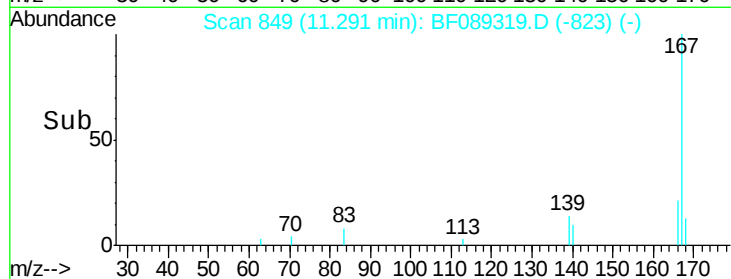
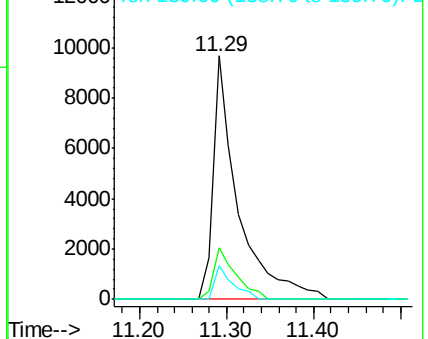
139 13.7 10.1 15.1



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: 2.47 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

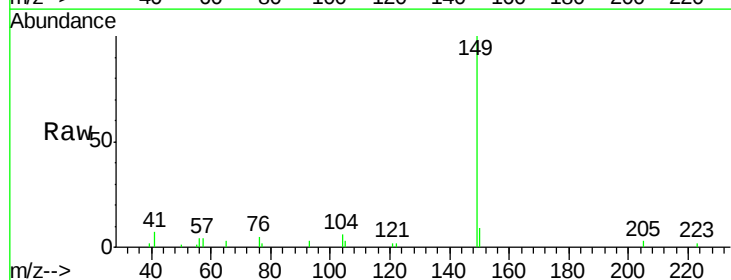
Tgt Ion:149 Resp: 26698

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

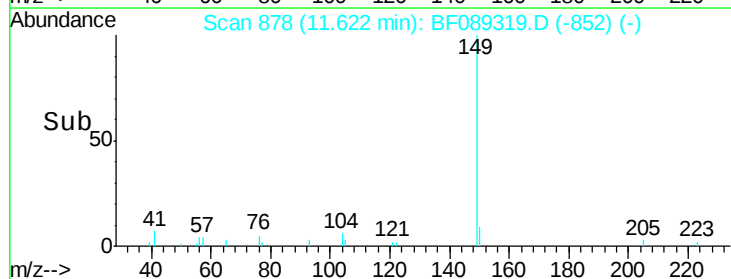
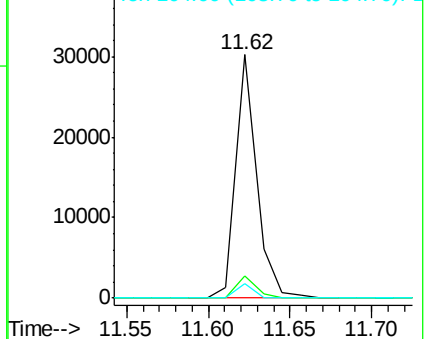
104 5.7 4.7 7.1

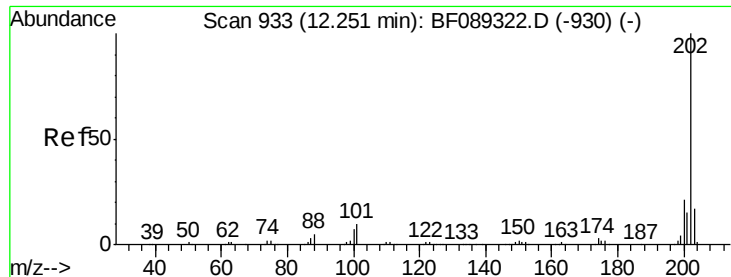


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 2.17 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

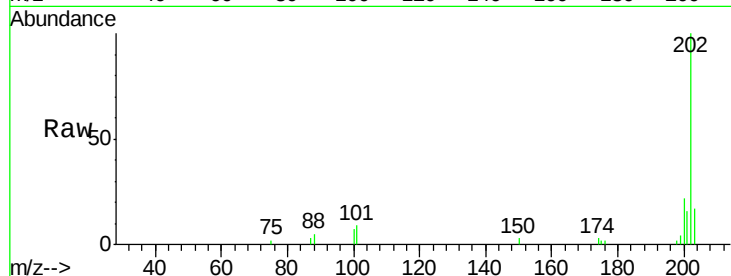
Tot Ion:202 Resp: 21824

Ion Ratio Lower Upper

202 100

101 9.4 0.0 29.9

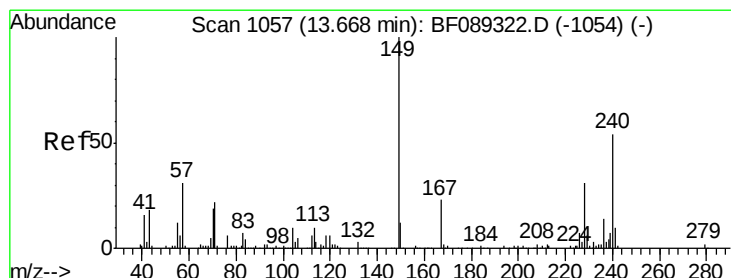
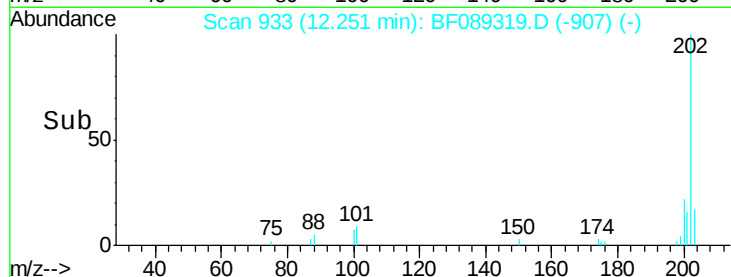
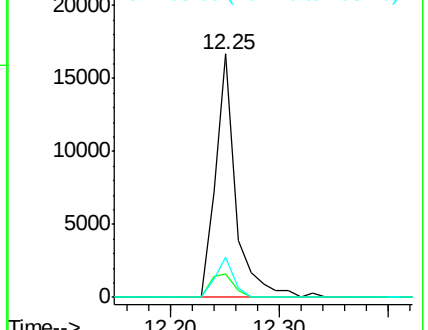
203 16.7 0.0 37.3



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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

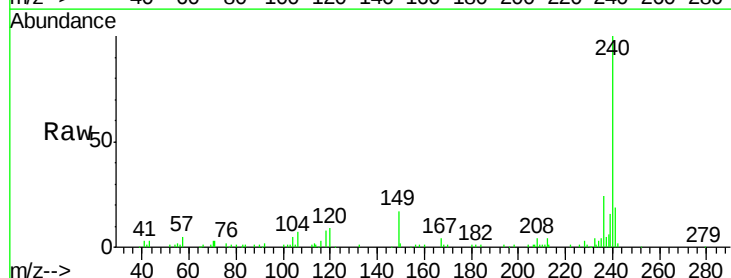
Tgt Ion:240 Resp: 139035

Ion Ratio Lower Upper

240 100

120 8.7 9.1 13.7#

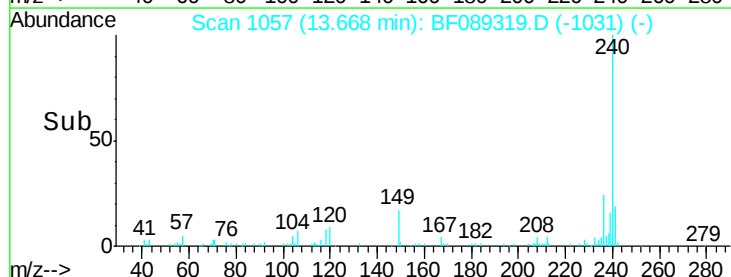
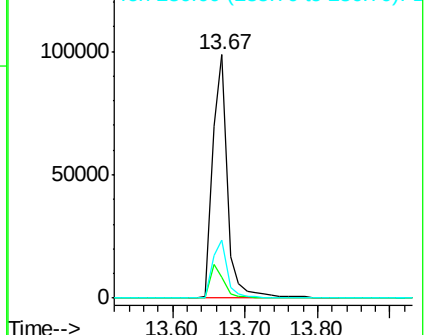
236 24.0 20.6 30.8

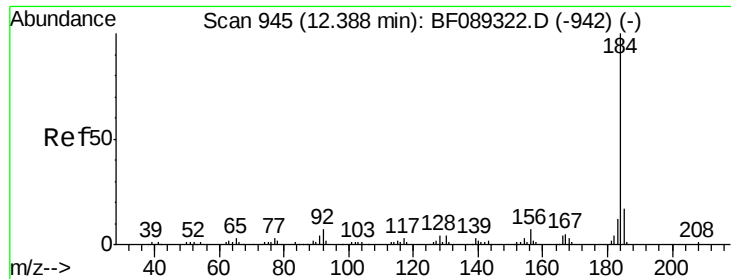


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

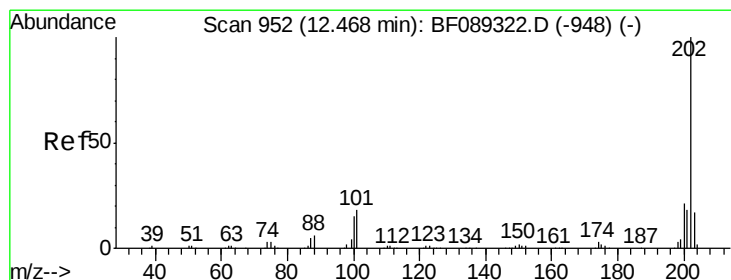
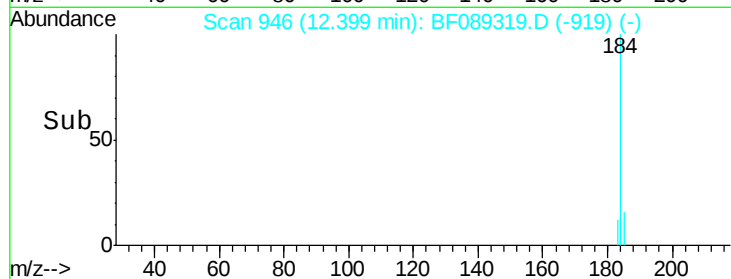
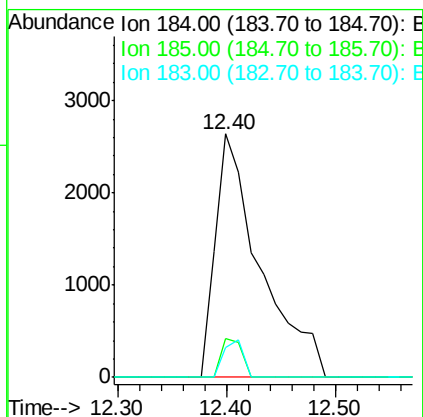
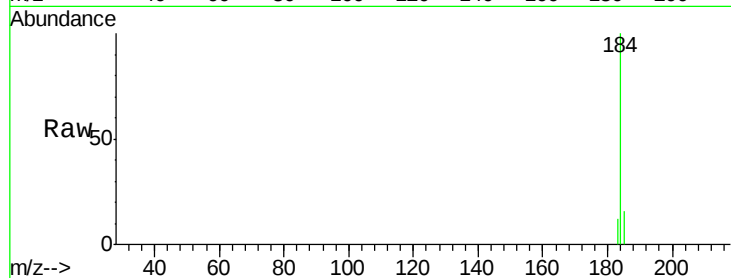




#76
Benzidine
Concen: 1.58 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

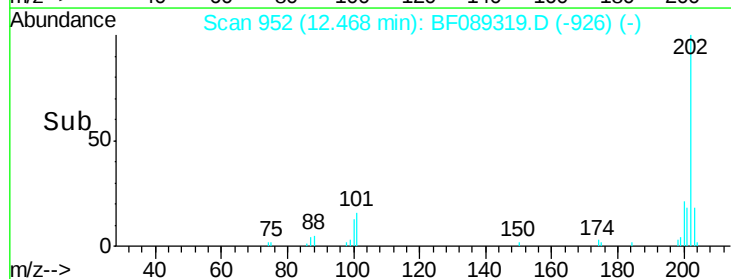
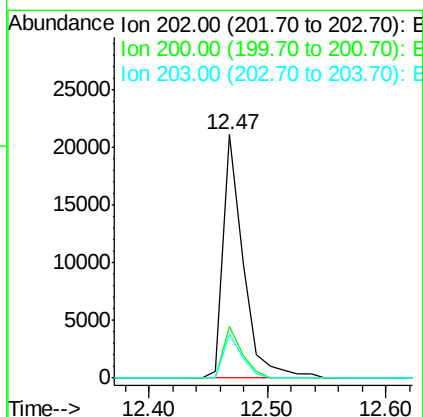
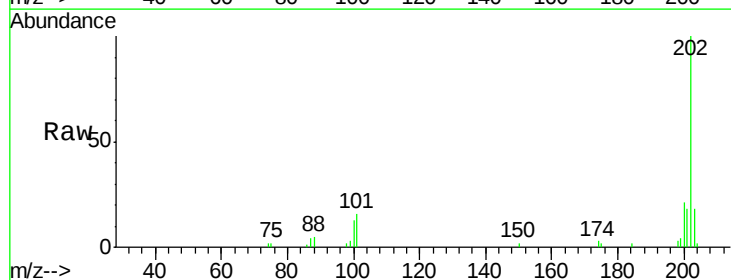
Instrument :
BNA_F
ClientSampleId :

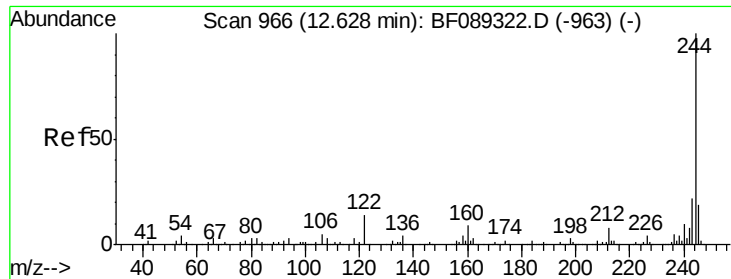
Tot Ion:184 Resp: 7589
Ion Ratio Lower Upper
184 100
185 15.8 13.5 20.3
183 12.5 9.8 14.6



#77
Pyrene
Concen: 2.20 ng
RT: 12.47 min Scan# 952
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:202 Resp: 24689
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.9 14.0 21.0

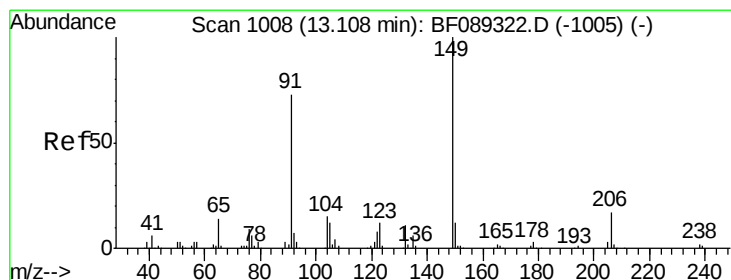
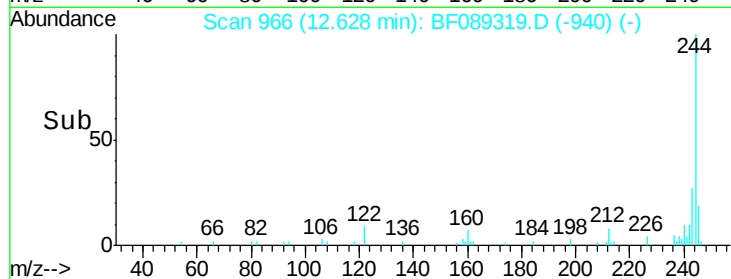
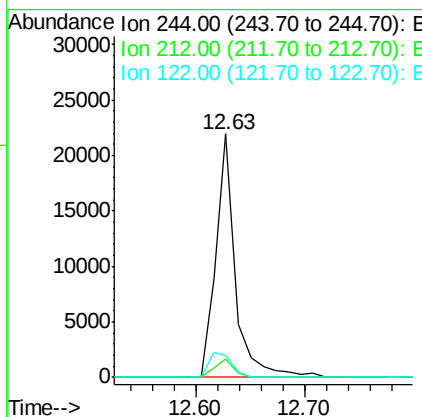
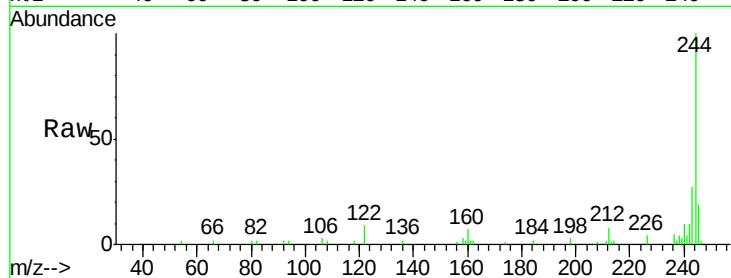




#78
 Terphenyl-d14
 Concen: 4.30 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

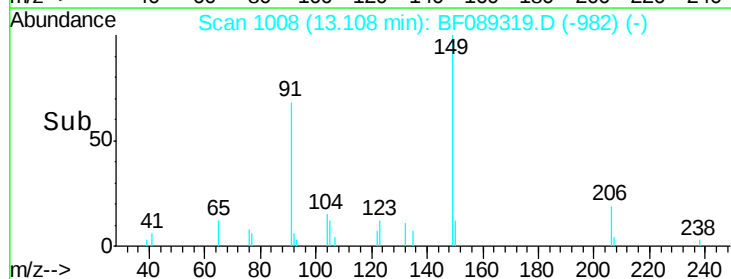
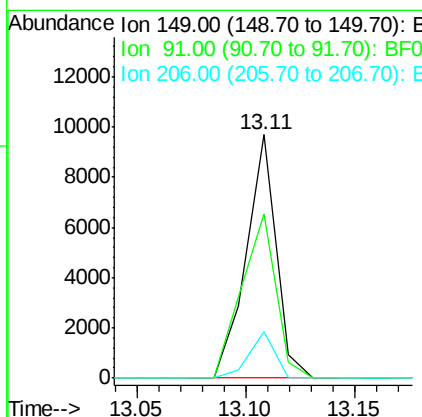
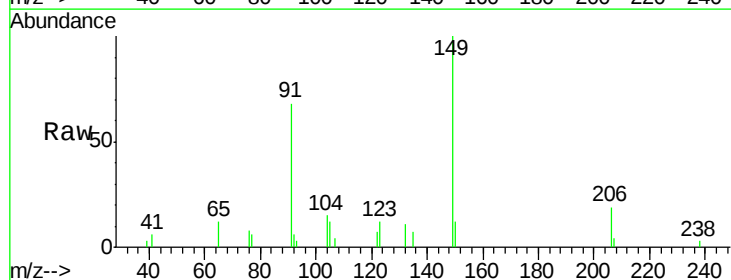
Instrument :
 BNA_F
 ClientSampleId :

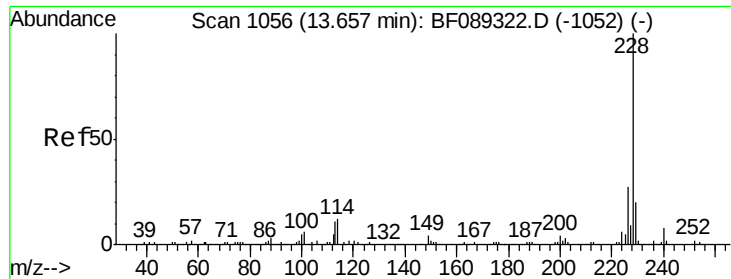
Tot Ion:244 Resp: 27460
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 9.2 11.4 17.0#



#79
 Butylbenzylphthalate
 Concen: 1.90 ng
 RT: 13.11 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BF089319.D
 Acq: 27 Jul 2016 9:28

Tgt Ion:149 Resp: 9242
 Ion Ratio Lower Upper
 149 100
 91 67.6 58.5 87.7
 206 19.1 13.8 20.8





#80

Benzo(a)anthracene

Concen: 2.05 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

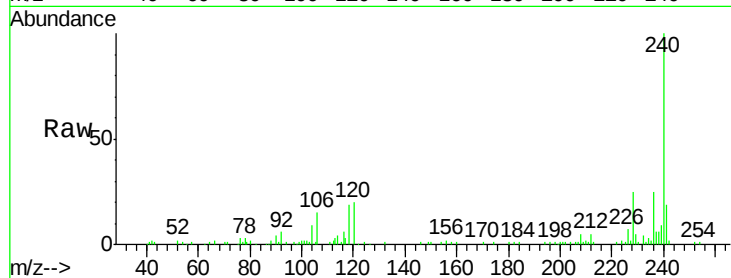
Tot Ion:228 Resp: 17955

Ion Ratio Lower Upper

228 100

226 25.9 21.4 32.2

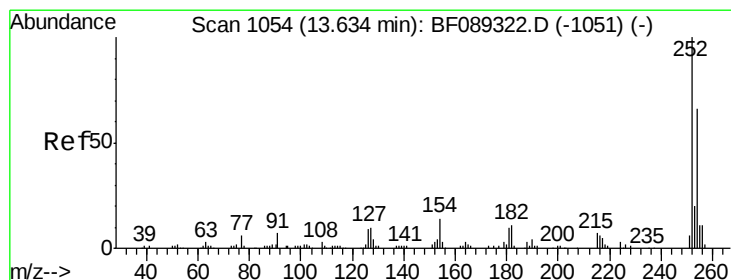
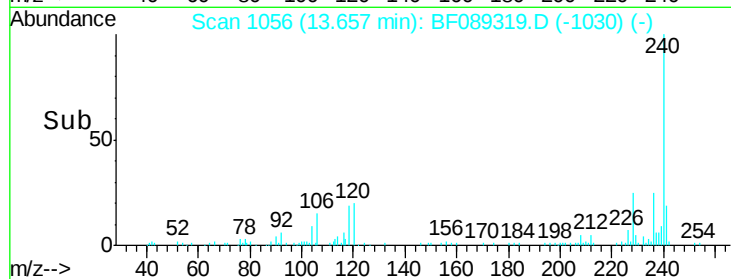
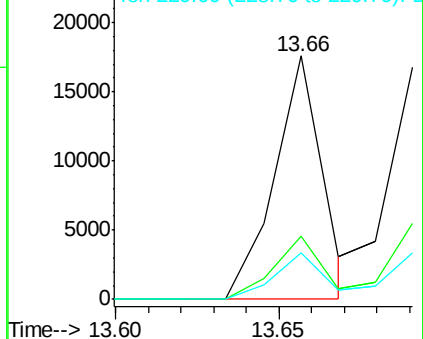
229 19.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 1.97 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

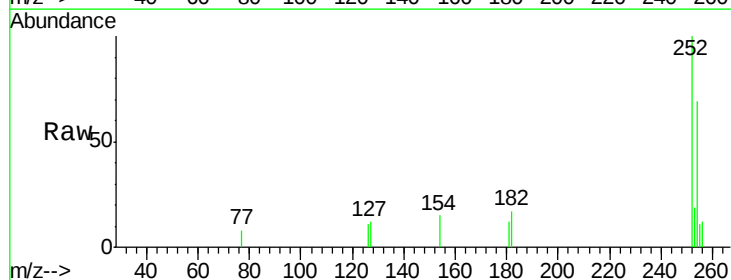
Tgt Ion:252 Resp: 5644

Ion Ratio Lower Upper

252 100

254 68.7 52.5 78.7

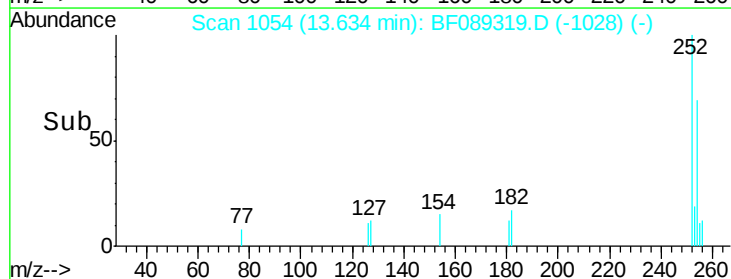
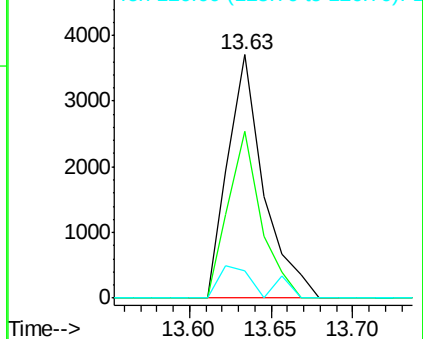
126 11.3 7.4 11.2#

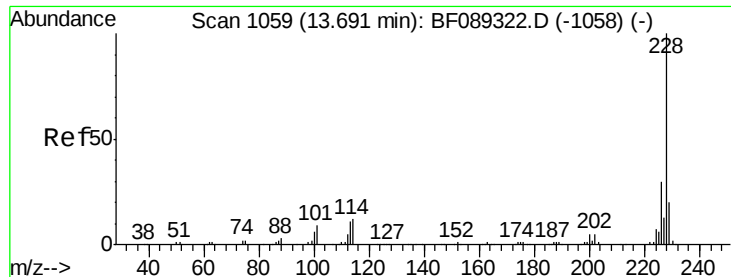


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.20 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

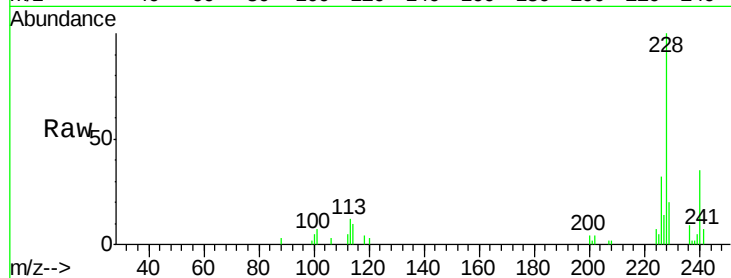
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 18278

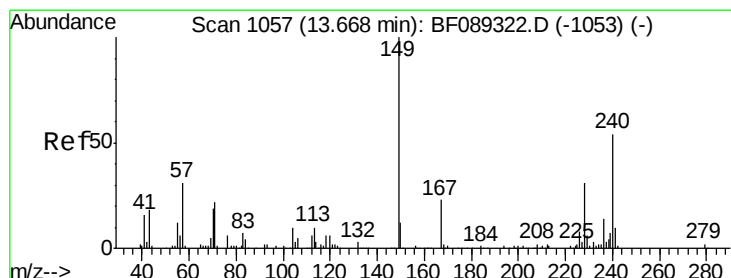
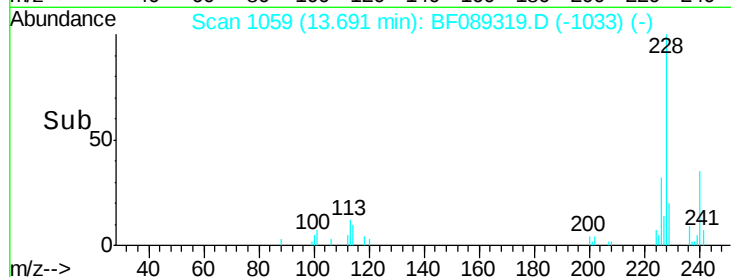
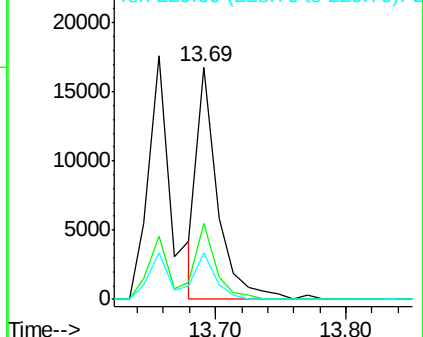
Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.2	36.2
229	19.9	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.35 ng

RT: 13.67 min Scan# 1057

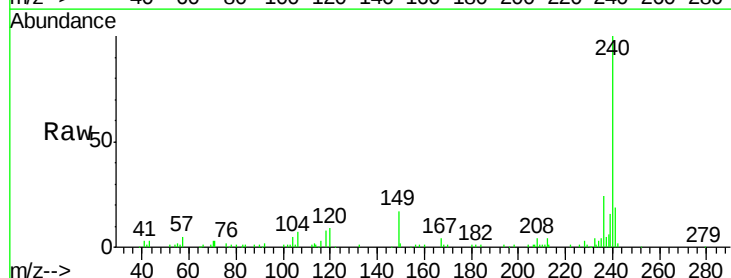
Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Tgt Ion:149 Resp: 15281

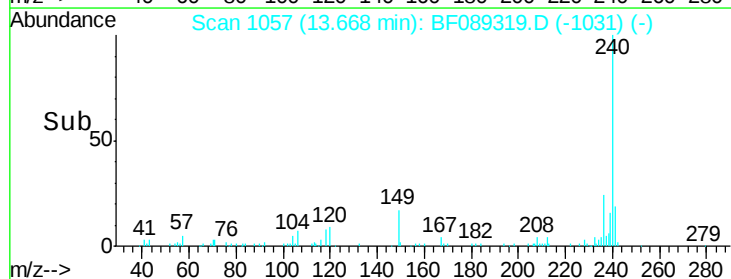
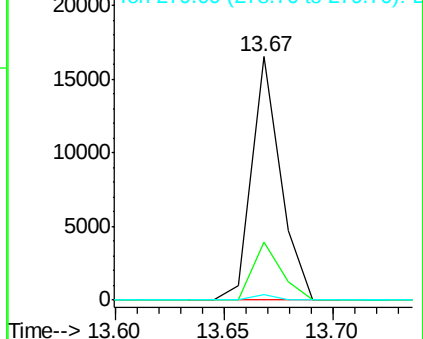
Ion	Ratio	Lower	Upper
149	100		
167	23.9	18.8	28.2
279	2.2	1.4	2.0

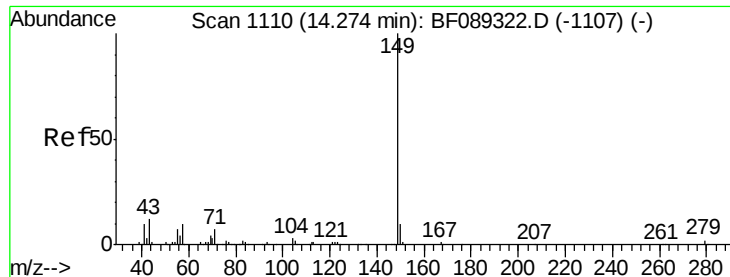


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 2.01 ng

RT: 14.27 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

Instrument :

BNA_F

ClientSampleId :

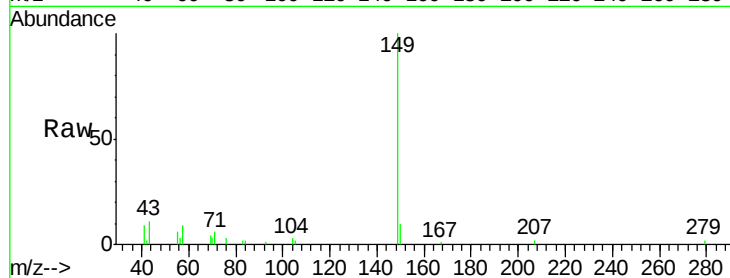
Tot Ion:149 Resp: 21294

Ion Ratio Lower Upper

149 100

167 1.0 1.1 1.7#

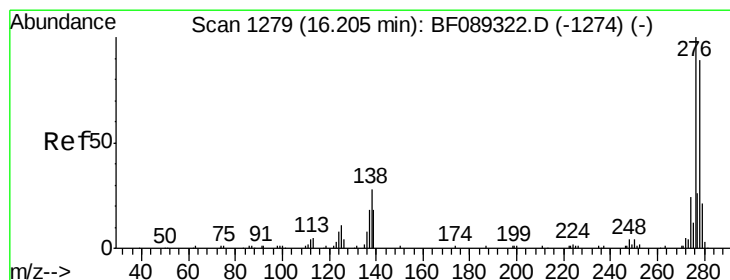
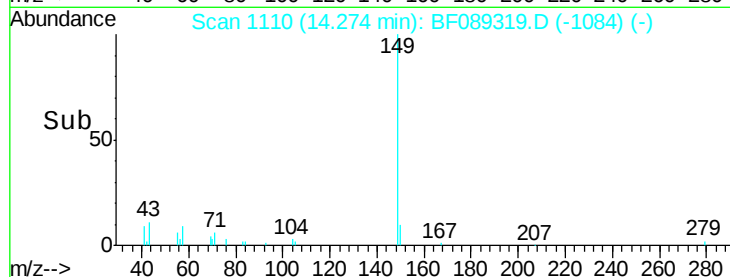
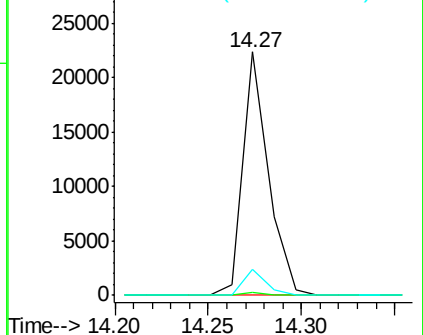
43 9.3 7.3 10.9



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: 2.26 ng

RT: 16.21 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF089319.D

Acq: 27 Jul 2016 9:28

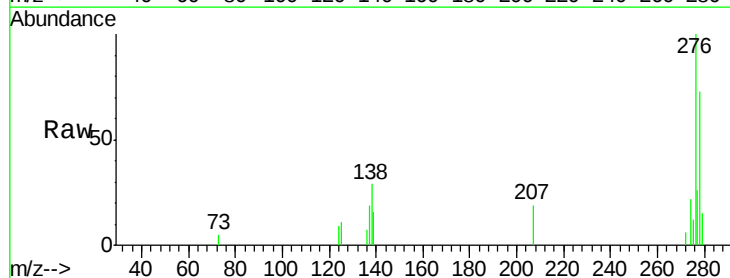
Tgt Ion:276 Resp: 13663

Ion Ratio Lower Upper

276 100

138 24.9 23.0 34.4

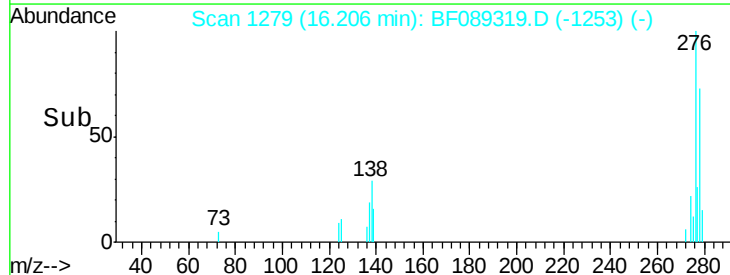
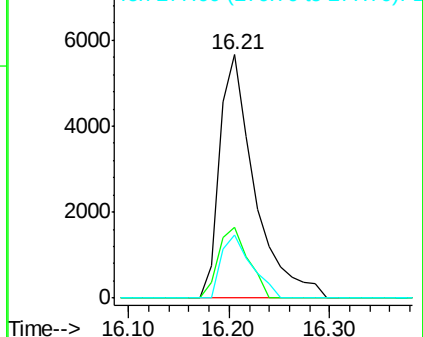
277 22.4 20.2 30.4

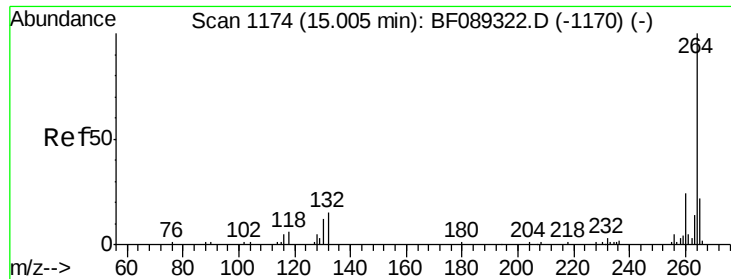


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



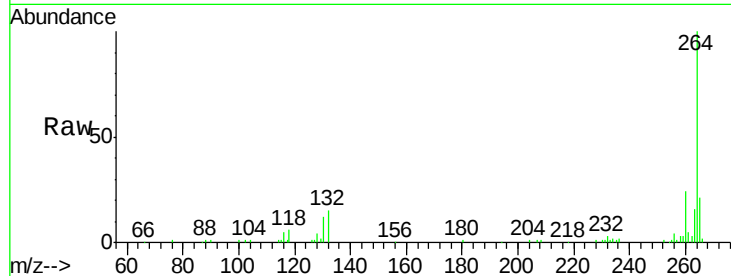


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

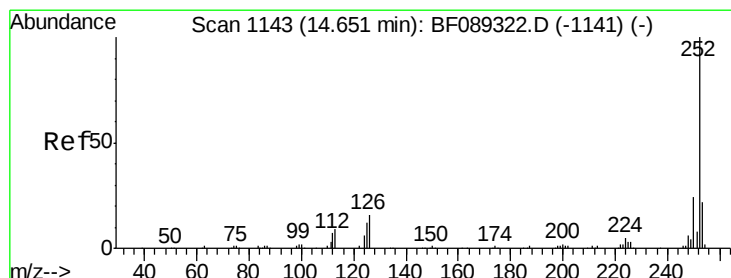
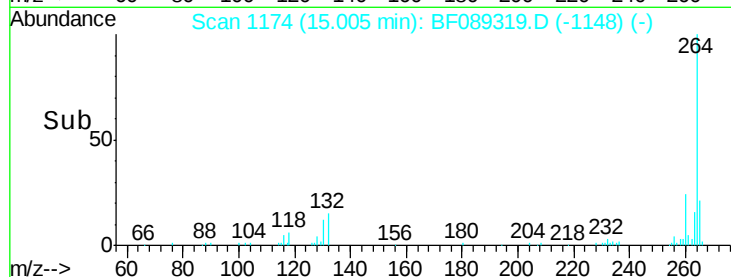
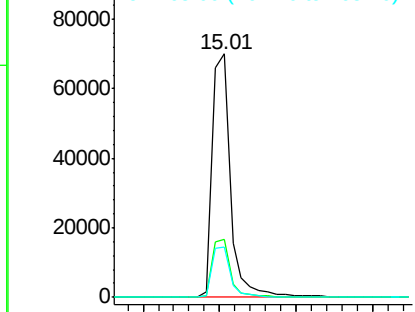
Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 115784

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	20.9	17.5	26.3



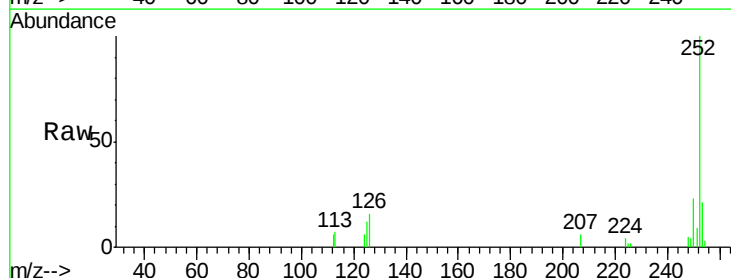
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



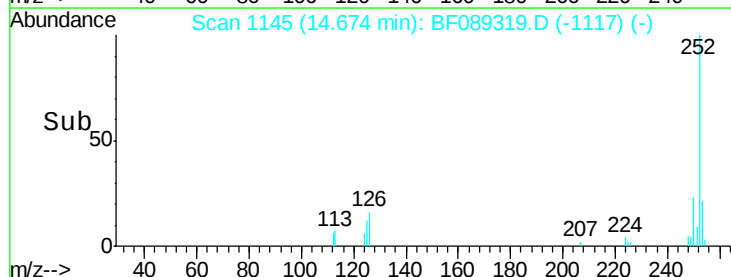
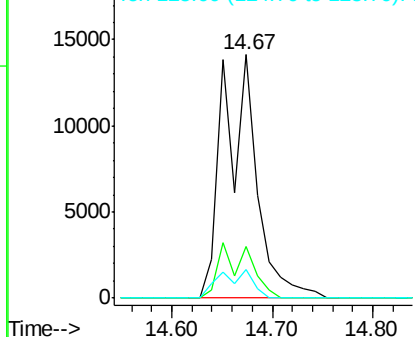
#87
Benzo(b)fluoranthene
Concen: 4.08 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.02 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

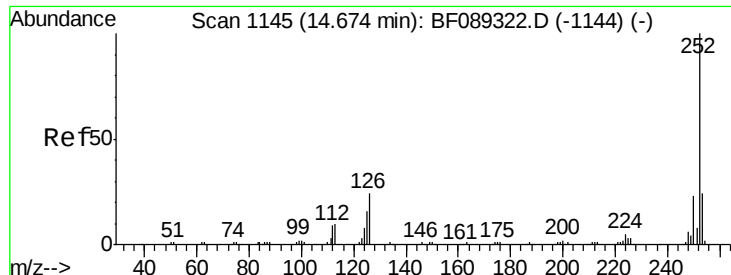
Tgt Ion:252 Resp: 32443

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.2	25.8
125	11.9	9.7	14.5



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

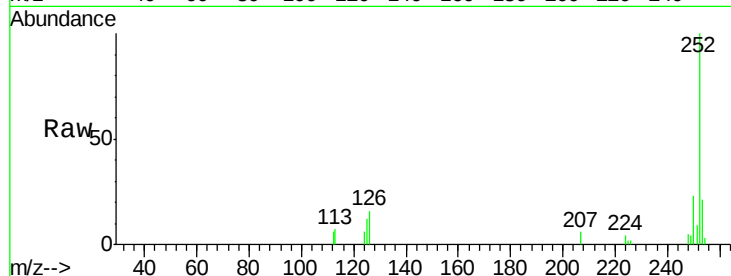




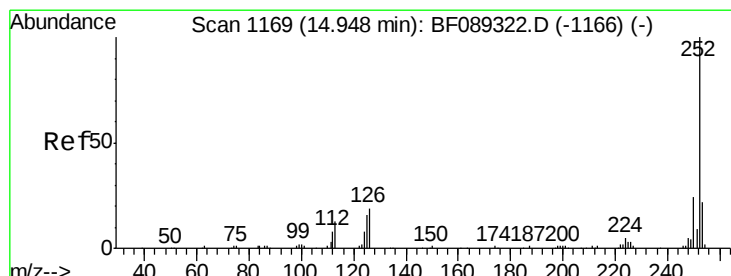
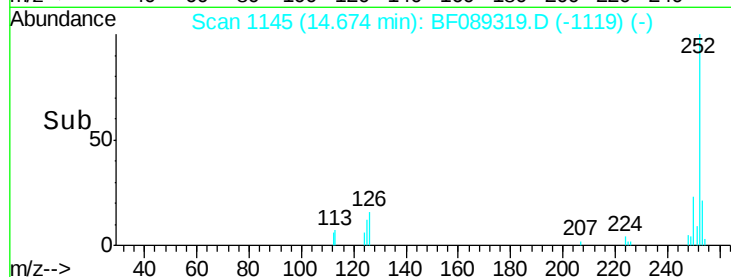
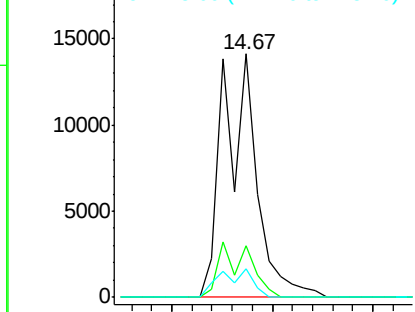
#88
Benzo(k)fluoranthene
Concen: 5.13 ng
RT: 14.67 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 32443
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 11.9 10.7 16.1

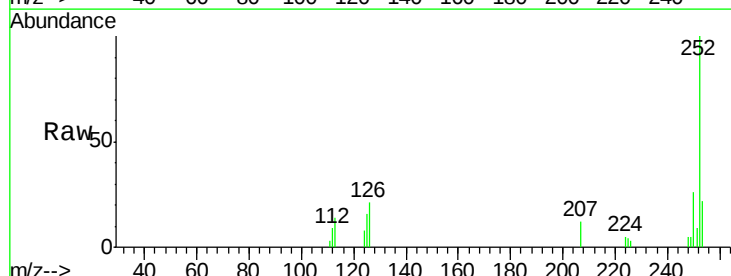


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

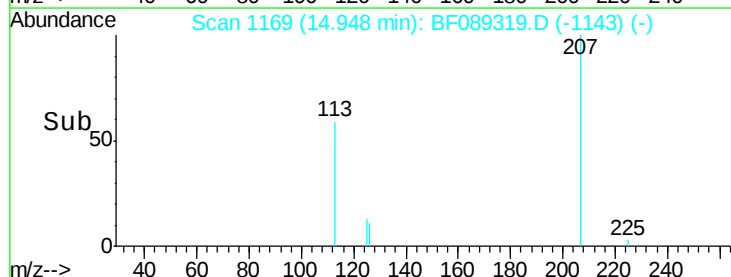
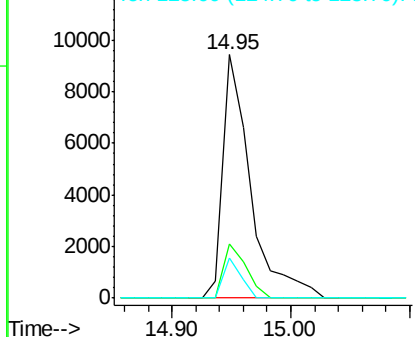


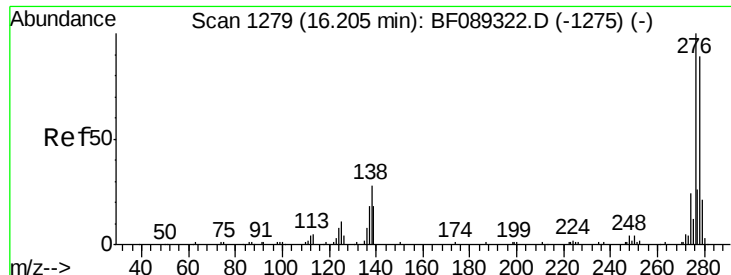
#89
Benzo(a)pyrene
Concen: 2.33 ng
RT: 14.95 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:252 Resp: 15187
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 16.3 12.4 18.6



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

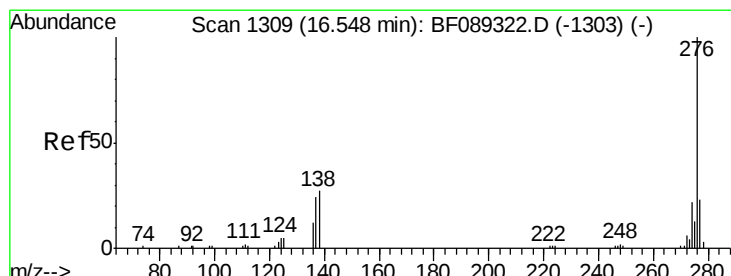
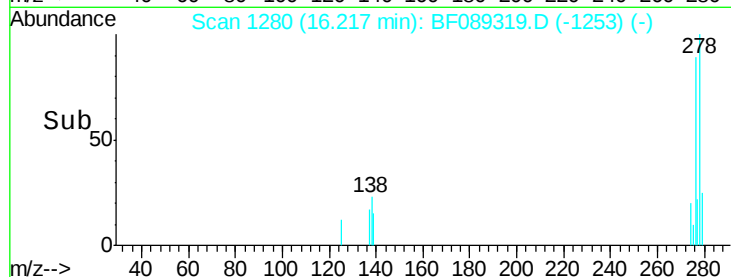
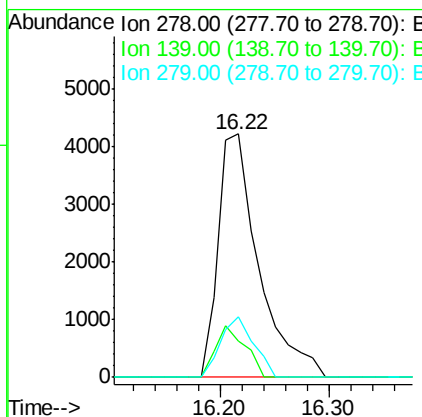
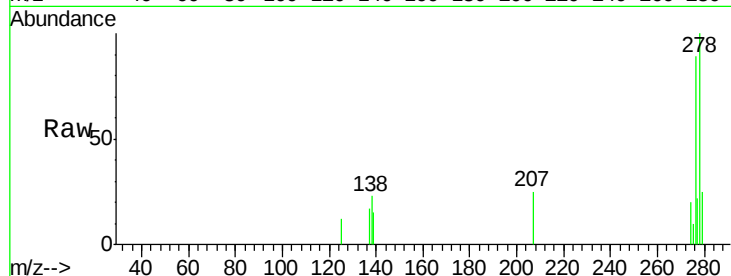




#90
Dibenzo(a,h)anthracene
Concen: 2.13 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 10955
Ion Ratio Lower Upper
278 100
139 15.0 16.3 24.5#
279 24.9 19.1 28.7



#91
Benzo(g,h,i)perylene
Concen: 2.11 ng
RT: 16.56 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF089319.D
Acq: 27 Jul 2016 9:28

Tgt Ion:276 Resp: 10925
Ion Ratio Lower Upper
276 100
277 24.4 18.6 28.0
138 21.7 21.4 32.0

