

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089130.D
 Acq On : 20 Jul 2016 12:34
 Operator : UM/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:34:25 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47808	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	207352	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	104772	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	199933	20.00	ng	0.00
75) Chrysene-d12	13.73	240	163320	20.00	ng	0.00
86) Perylene-d12	15.07	264	132439	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	63452	19.98	ng	0.01
7) Phenol-d6	6.26	99	88131	21.40	ng	-0.01
23) Nitrobenzene-d5	7.16	82	77068	19.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	17572	18.37	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	152105	21.86	ng	-0.01
78) Terphenyl-d14	12.69	244	155063	21.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.04	88	13378	8.60	ng	97
3) Pyridine	2.68	79	35730	8.02	ng	93
4) n-Nitrosodimethylamine	2.63	42	14179	8.24	ng	95
6) Aniline	6.26	93	58246	9.88	ng	# 82
8) 2-Chlorophenol	6.39	128	37288	10.81	ng	90
9) Benzaldehyde	6.15	77	26600	9.78	ng	98
10) Phenol	6.27	94	49130	10.46	ng	80
11) bis(2-Chloroethyl)ether	6.34	93	38281	10.81	ng	97
12) 1,3-Dichlorobenzene	6.54	146	40400	10.66	ng	96
13) 1,4-Dichlorobenzene	6.62	146	40845	10.86	ng	98
14) 1,2-Dichlorobenzene	6.78	146	37373	10.43	ng	97
15) Benzyl Alcohol	6.75	79	31156	10.31	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.89	45	40556	8.24	ng	79
17) 2-Methylphenol	6.89	107	27927	10.03	ng	95
18) Hexachloroethane	7.11	117	15120	10.48	ng	96
19) n-Nitroso-di-n-propylamine	7.02	70	26047	9.26	ng	# 82
20) 3+4-Methylphenols	7.04	107	38738	11.24	ng	92
22) Acetophenone	7.02	105	56647	11.05	ng	97
24) Nitrobenzene	7.19	77	43305	10.69	ng	95
25) Isophorone	7.43	82	74095	10.10	ng	97
26) 2-Nitrophenol	7.51	139	19879	11.82	ng	88
27) 2,4-Dimethylphenol	7.56	122	32603	9.74	ng	97
28) bis(2-Chloroethoxy)methane	7.64	93	42331	8.77	ng	99
29) 2,4-Dichlorophenol	7.76	162	29491	10.55	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	31998	10.49	ng	# 96
31) Naphthalene	7.91	128	121029	11.81	ng	99
32) Benzoic acid	7.67	122	21241	8.52	ng	95
33) 4-Chloroaniline	7.96	127	47327	10.35	ng	# 89
34) Hexachlorobutadiene	8.03	225	18705	11.37	ng	98
35) Caprolactam	8.31	113	9110	9.84	ng	97
36) 4-Chloro-3-methylphenol	8.47	107	34493	10.50	ng	89
37) 2-Methylnaphthalene	8.59	142	70894	10.46	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	39990	11.47	ng	99
40) Hexachlorocyclopentadiene	8.75	237	5848	3.60	ng	98

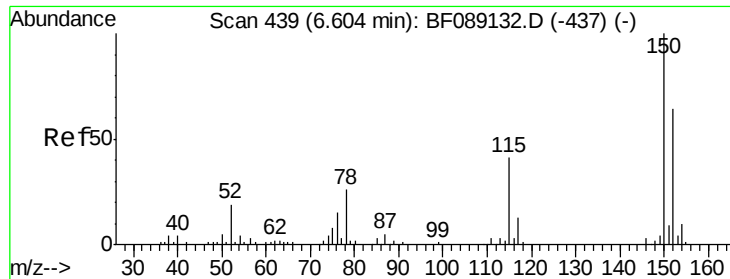
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
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Quant Time: Jul 20 15:34:25 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	20708	8.94	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	21558	10.76	nq	# 85
45) 1,1'-Biphenyl	9.06	154	98641	11.42	nq	97
46) 2-Chloronaphthalene	9.08	162	73308	10.81	nq	93
47) 2-Nitroaniline	9.19	65	24720	10.45	nq	# 80
48) Acenaphthylene	9.50	152	113834	10.53	nq	98
49) Dimethylphthalate	9.37	163	77294	10.08	nq	100
50) 2,6-Dinitrotoluene	9.43	165	17934	10.49	nq	# 84
51) Acenaphthene	9.67	154	66623	10.02	nq	99
52) 3-Nitroaniline	9.60	138	21718	10.39	nq	99
53) 2,4-Dinitrophenol	9.71	184	3402	4.57	nq	# 88
54) Dibenzofuran	9.84	168	91882	10.54	nq	90
55) 4-Nitrophenol	9.79	139	12439	8.04	nq	90
56) 2,4-Dinitrotoluene	9.83	165	24251	11.02	nq	92
57) Fluorene	10.17	166	76516	11.01	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	15036	9.78	nq	92
59) Diethylphthalate	10.07	149	78139	10.40	nq	94
60) 4-Chlorophenyl-phenylether	10.17	204	36194	11.37	nq	# 78
61) 4-Nitroaniline	10.20	138	20971	10.23	nq	88
62) Azobenzene	10.33	77	90074	10.57	nq	91
64) 4,6-Dinitro-2-methylphenol	10.24	198	8827	8.19	nq	95
65) n-Nitrosodiphenylamine	10.30	169	67492	10.15	nq	99
66) 4-Bromophenyl-phenylether	10.66	248	20591	10.23	nq	# 79
67) Hexachlorobenzene	10.72	284	22336	10.17	nq	# 74
68) Atrazine	10.82	200	21892	10.47	nq	98
69) Pentachlorophenol	10.92	266	7541	5.96	nq	97
70) Phenanthrene	11.13	178	115249	10.58	nq	98
71) Anthracene	11.18	178	120722	11.03	nq	100
72) Carbazole	11.34	167	103199	9.92	nq	98
73) Di-n-butylphthalate	11.68	149	135289	11.38	nq	98
74) Fluoranthene	12.31	202	126738	11.62	nq	93
76) Benzidine	12.43	184	57660	7.35	nq	97
77) Pyrene	12.53	202	124159	9.05	nq	99
79) Butylbenzylphthalate	13.17	149	56139	9.18	nq	89
80) Benzo(a)anthracene	13.71	228	99657	9.53	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	32360	8.18	nq	# 96
82) Chrysene	13.75	228	88483	8.50	nq	100
83) Bis(2-ethylhexyl)phthalate	13.73	149	73526	10.47	nq	100
84) Di-n-octyl phthalate	14.33	149	118187	9.91	nq	97
85) Indeno(1,2,3-cd)pyrene	16.30	276	68176	8.59	nq	99
87) Benzo(b)fluoranthene	14.73	252	169999	19.48	nq	# 96
88) Benzo(k)fluoranthene	14.73	252	169999	24.42	nq	# 97
89) Benzo(a)pyrene	15.02	252	77187	10.95	nq	# 94
90) Dibenzo(a,h)anthracene	16.31	278	58050	9.89	nq	97
91) Benzo(g,h,i)perylene	16.65	276	58116	9.61	nq	94

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

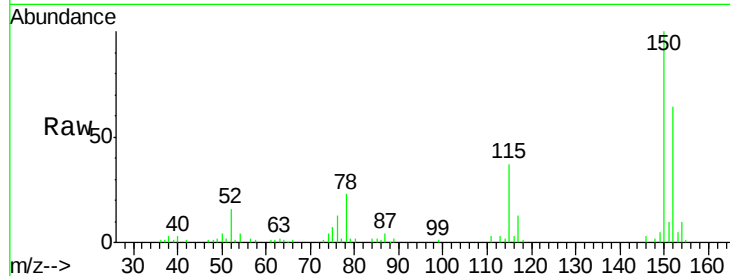


#1

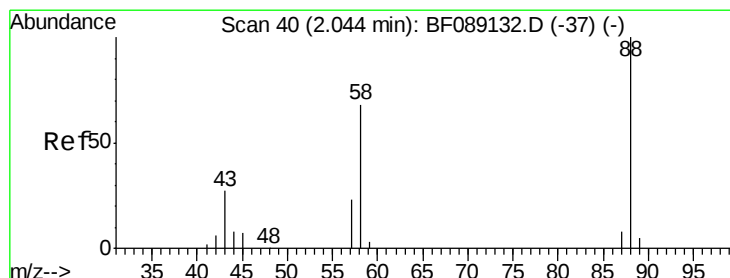
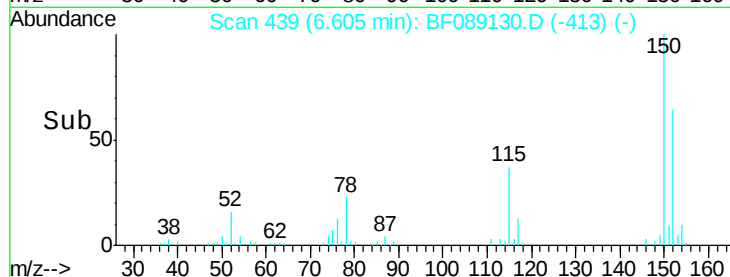
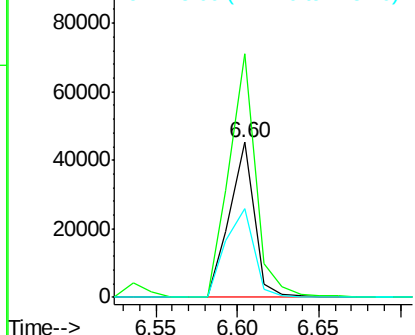
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 47808
Ion Ratio Lower Upper
152 100
150 156.9 125.1 187.7
115 57.5 51.1 76.7



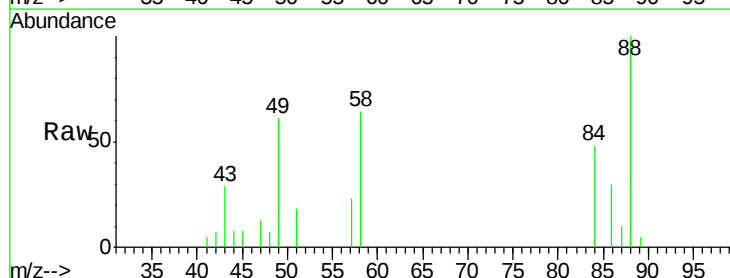
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



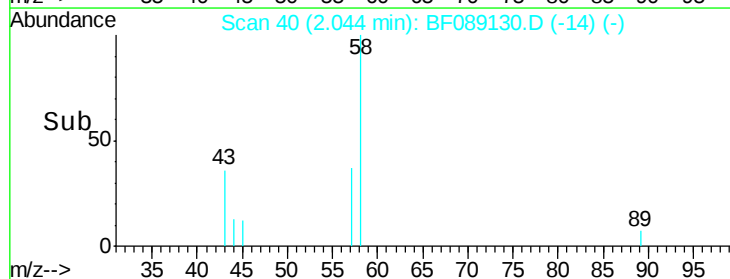
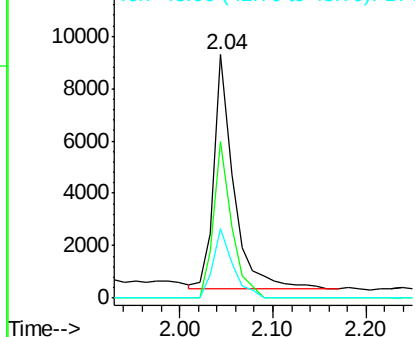
#2

1,4-Dioxane
Concen: 8.60 ng
RT: 2.04 min Scan# 40
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion: 88 Resp: 13378
Ion Ratio Lower Upper
88 100
58 60.2 49.2 73.8
43 29.0 20.6 30.8



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





#3

Pvridine

Concen: 8.02 ng

RT: 2.68 min Scan# 96

Delta R.T. 0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampled :

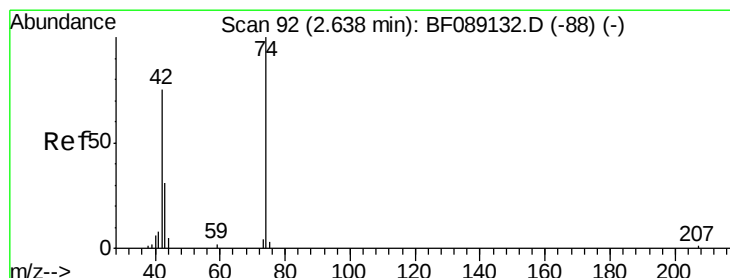
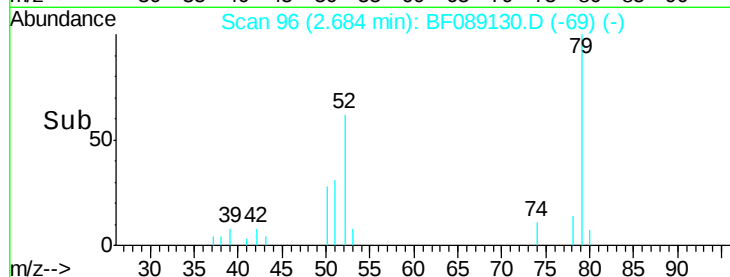
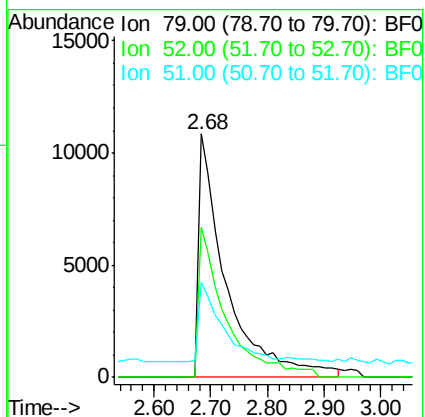
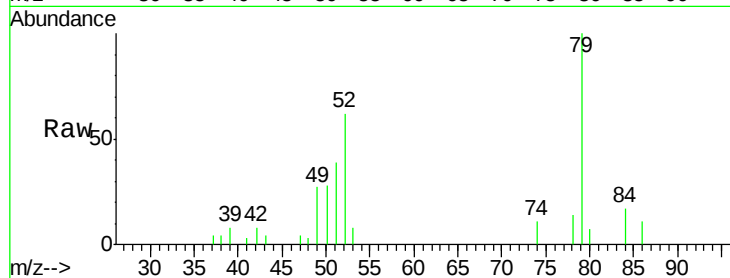
Tot Ion: 79 Resp: 35730

Ion Ratio Lower Upper

79 100

52 61.6 52.9 79.3

51 39.1 27.0 40.6



#4

n-Nitrosodimethylamine

Concen: 8.24 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

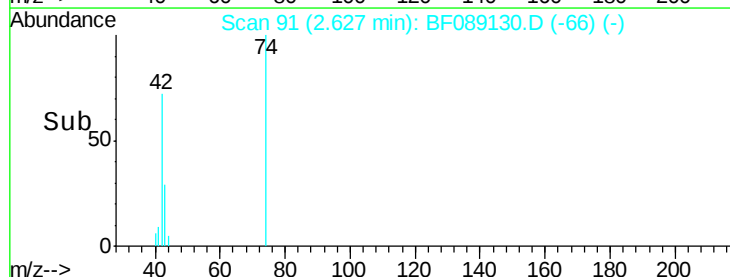
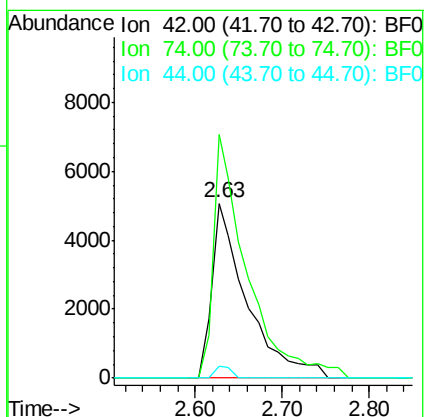
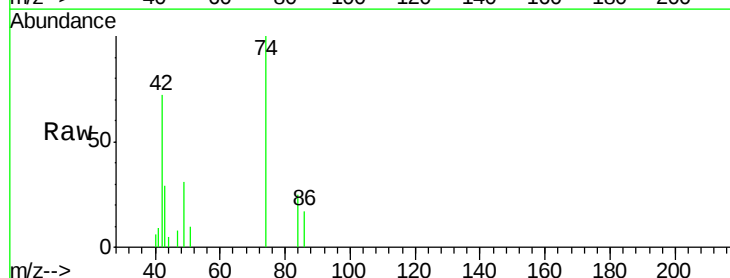
Tgt Ion: 42 Resp: 14179

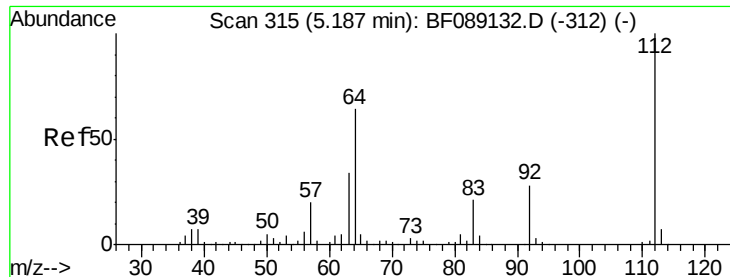
Ion Ratio Lower Upper

42 100

74 139.5 106.4 159.6

44 7.2 5.2 7.8





#5

2-Fluorophenol

Concen: 19.98 ng

RT: 5.20 min Scan# 316

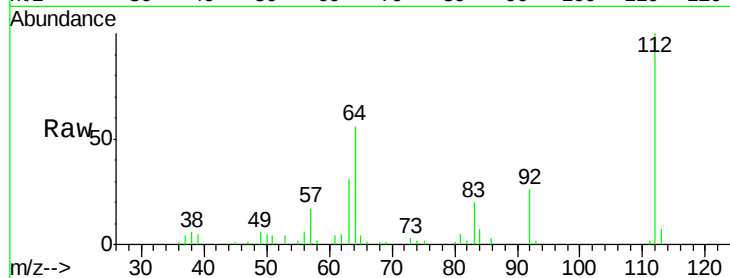
Delta R.T. 0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

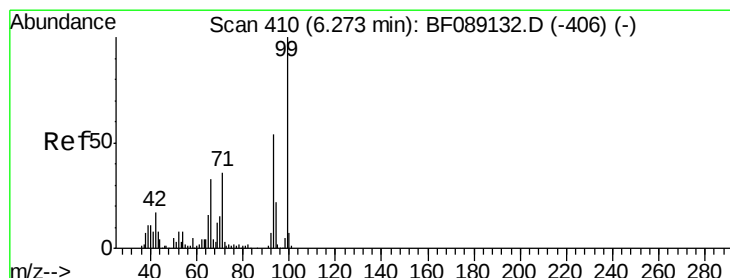
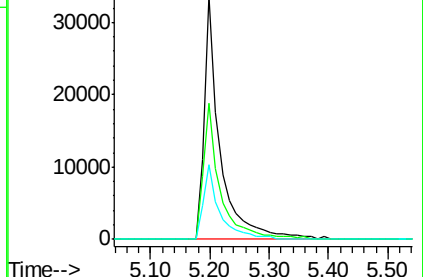
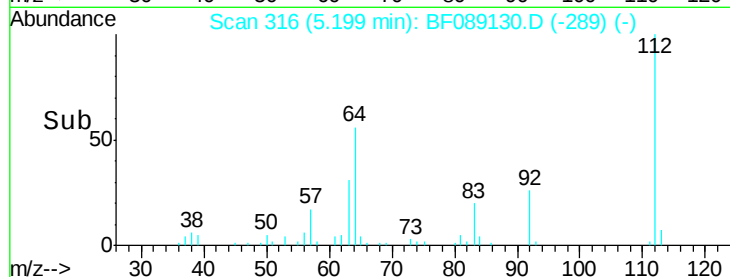
Tot Ion:	112	Resp:	63452
Ion	Ratio	Lower	Upper
112	100		
64	55.9	51.0	76.4
63	30.8	27.3	40.9



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: 9.88 ng

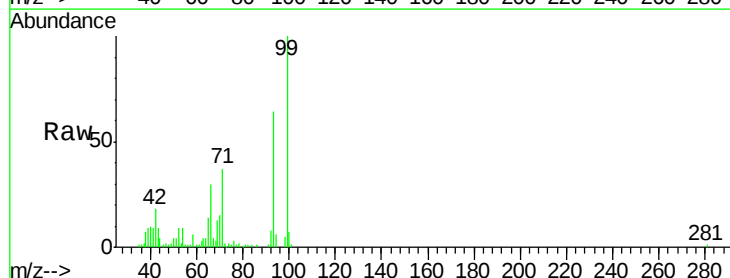
RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

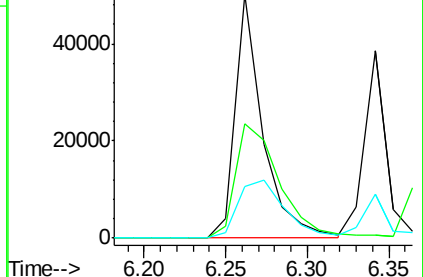
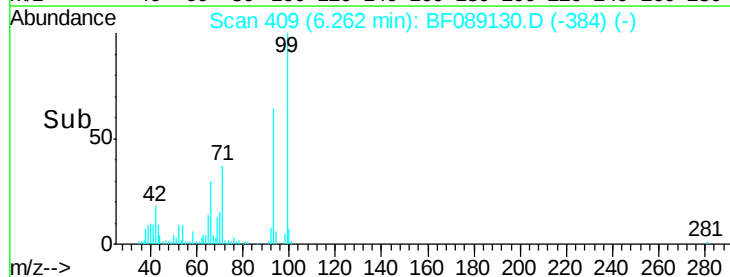
Tgt Ion:	93	Resp:	58246
Ion	Ratio	Lower	Upper
93	100		
66	47.0	48.9	73.3#
65	21.4	23.9	35.9#

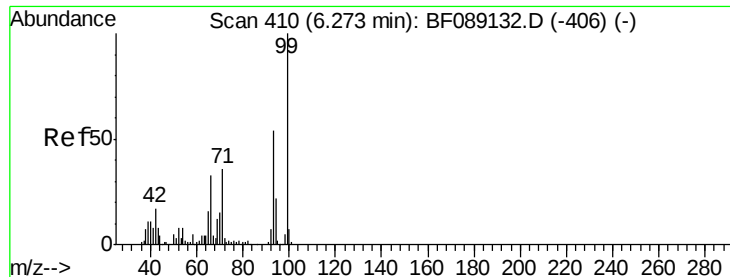


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 21.40 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

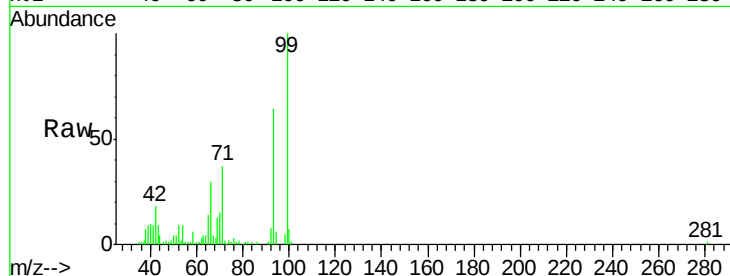
Tot Ion: 99 Resp: 88131

Ion Ratio Lower Upper

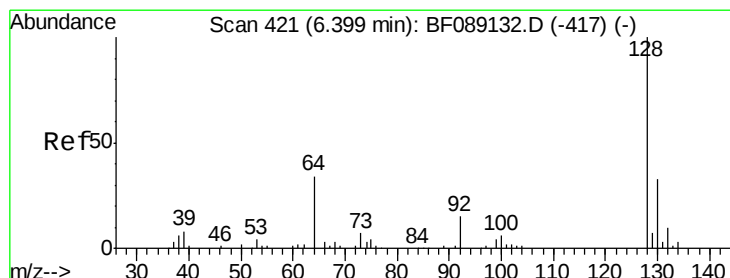
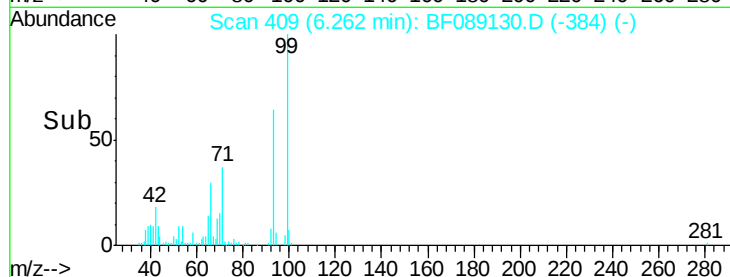
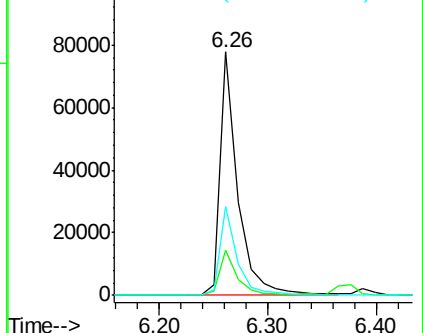
99 100

42 18.3 13.5 20.3

71 36.7 28.9 43.3



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: 10.81 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

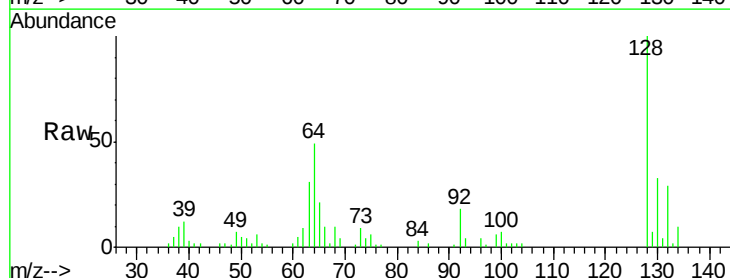
Tgt Ion: 128 Resp: 37288

Ion Ratio Lower Upper

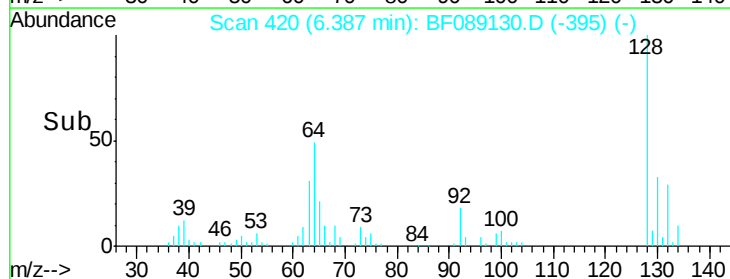
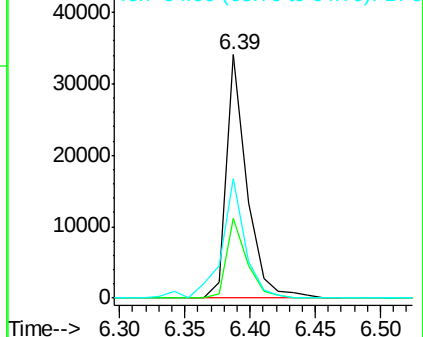
128 100

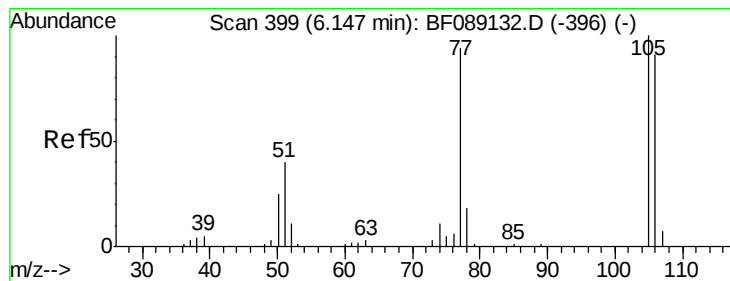
130 32.6 12.6 52.6

64 49.0 17.5 57.5



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: 9.78 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

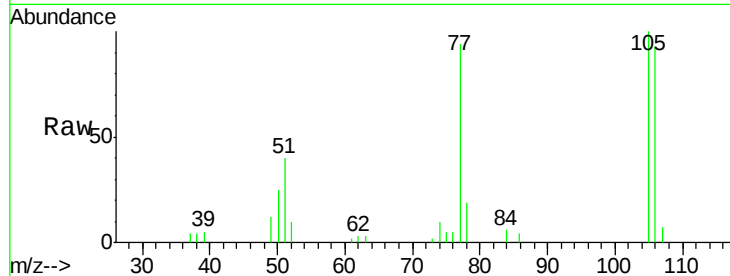
Tot Ion: 77 Resp: 26600

Ion Ratio Lower Upper

77 100

105 106.9 86.2 126.2

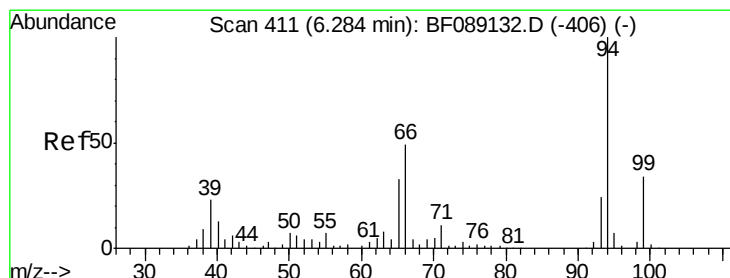
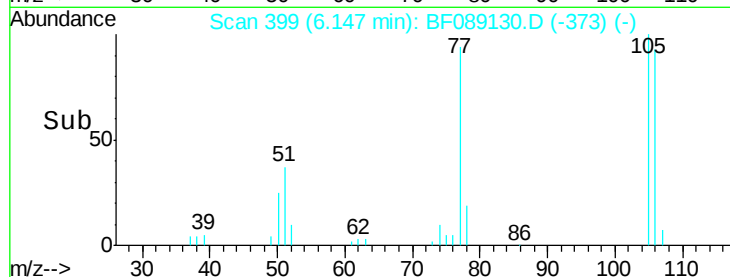
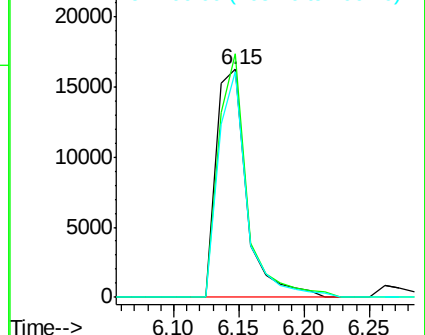
106 99.3 76.3 116.3



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: 10.46 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

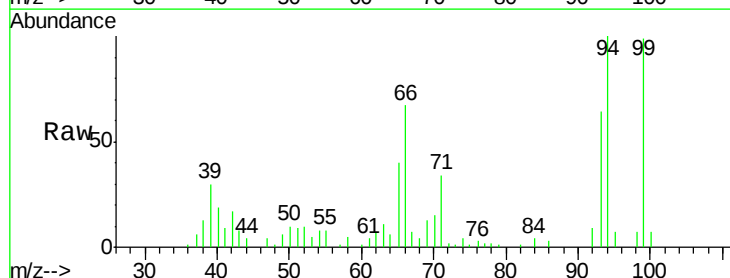
Tgt Ion: 94 Resp: 49130

Ion Ratio Lower Upper

94 100

65 39.8 13.3 53.3

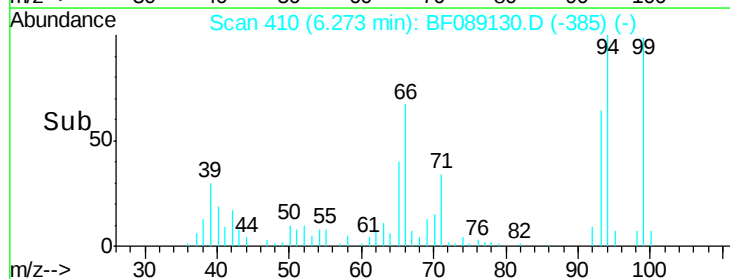
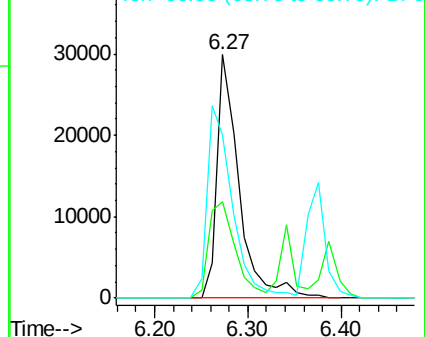
66 66.9 29.3 69.3

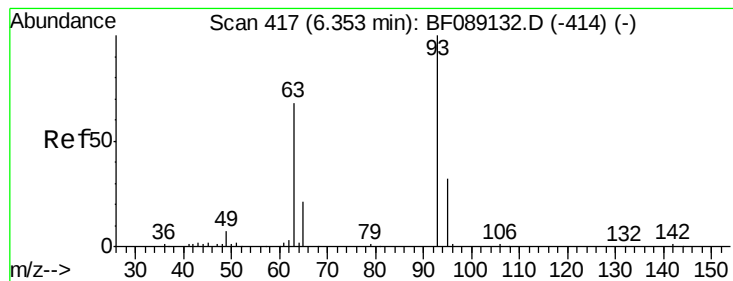


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

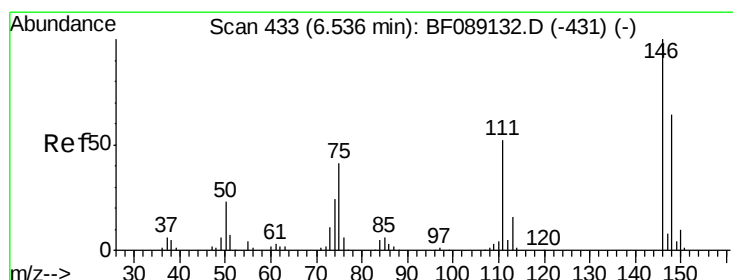
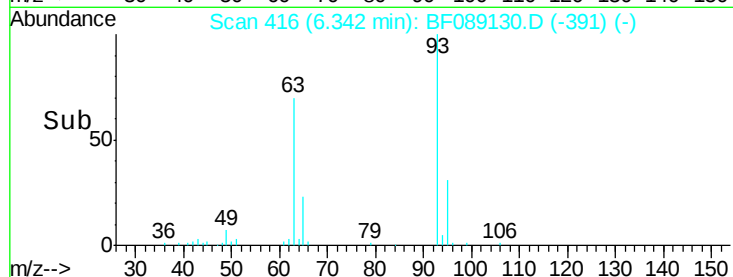
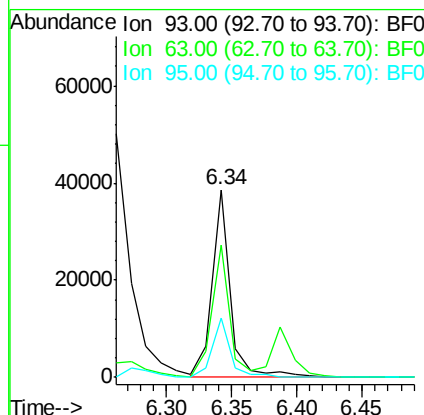
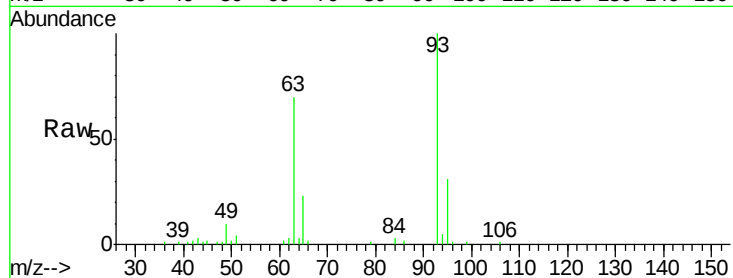




#11
bis(2-Chloroethyl)ether
Concen: 10.81 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

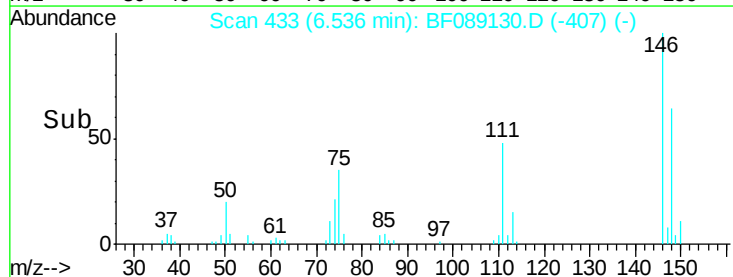
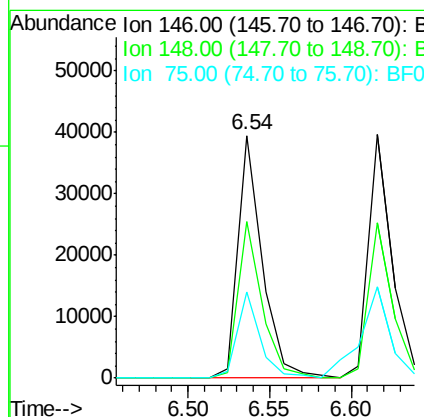
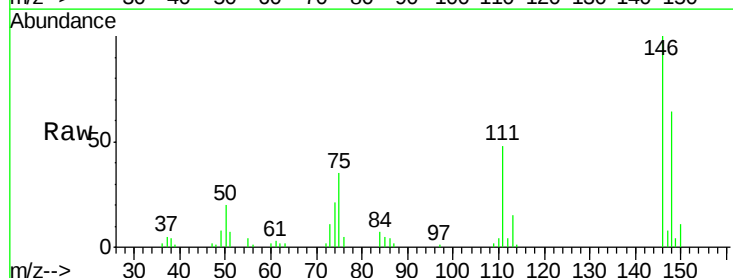
Instrument :
BNA_F
ClientSampleId :

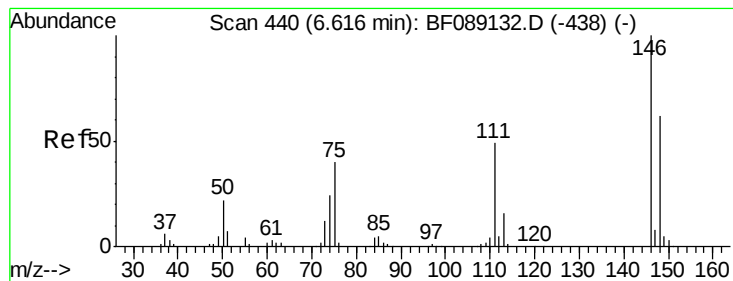
Tot Ion	93	Resp	38281
Ion Ratio	Lower	Upper	
93	100		
63	70.4	47.3	87.3
95	31.4	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 10.66 ng
RT: 6.54 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion	146	Resp	40400
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.6
75	35.4	32.5	48.7





#13

1,4-Dichlorobenzene

Concen: 10.86 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

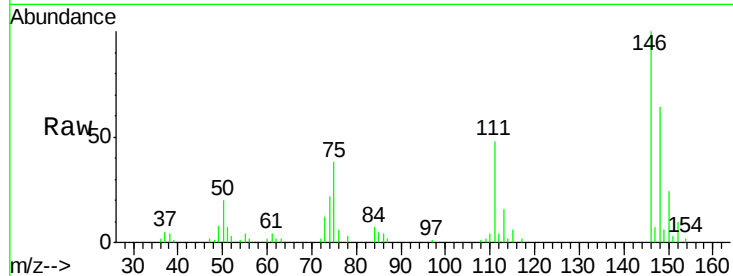
Tot Ion:146 Resp: 40845

Ion Ratio Lower Upper

146 100

148 63.7 49.9 74.9

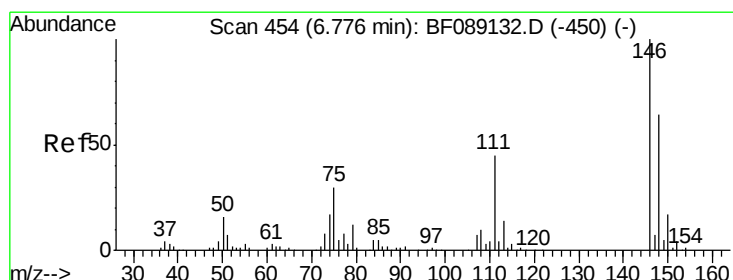
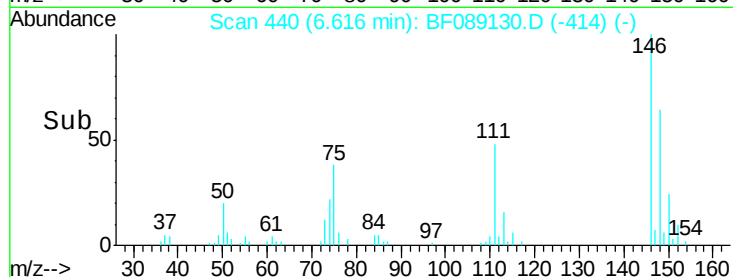
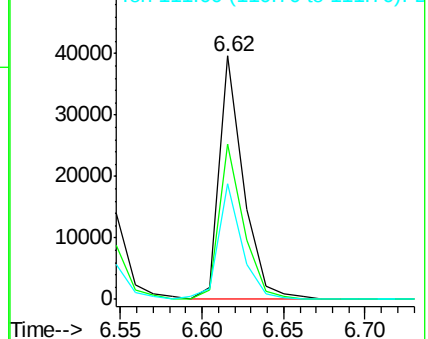
111 47.7 39.8 59.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 10.43 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

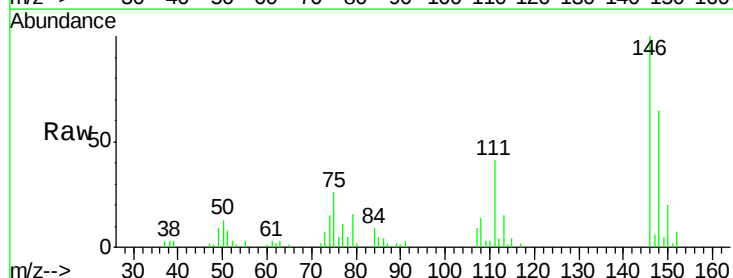
Tgt Ion:146 Resp: 37373

Ion Ratio Lower Upper

146 100

148 65.1 51.4 77.0

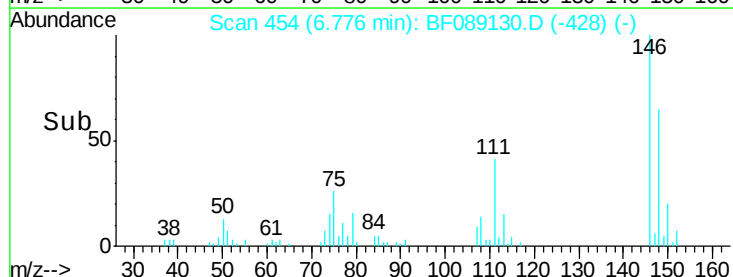
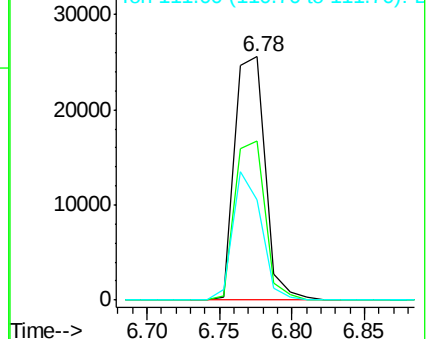
111 41.2 35.9 53.9

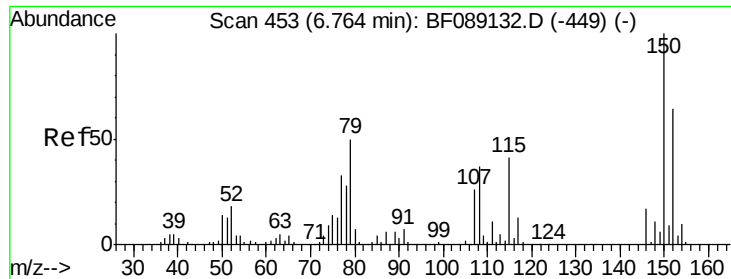


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

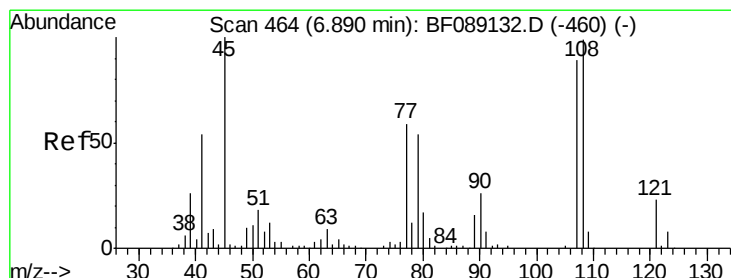
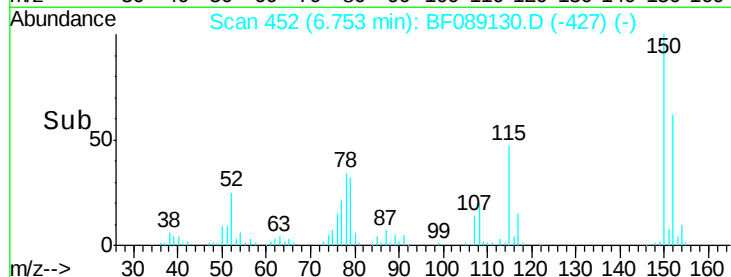
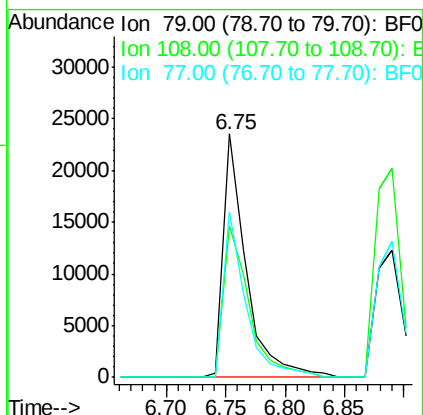
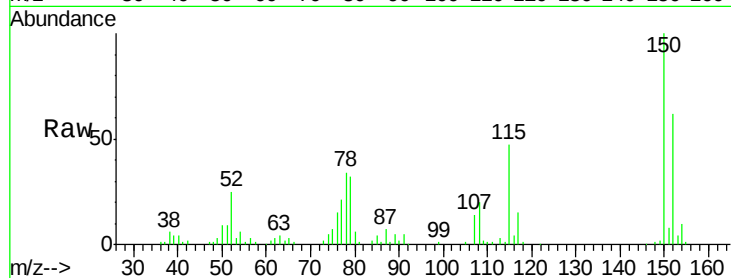




#15
Benzyl Alcohol
Concen: 10.31 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

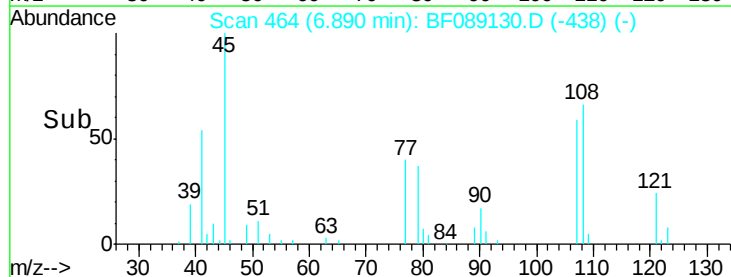
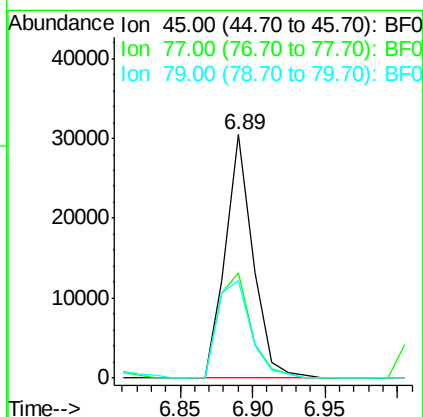
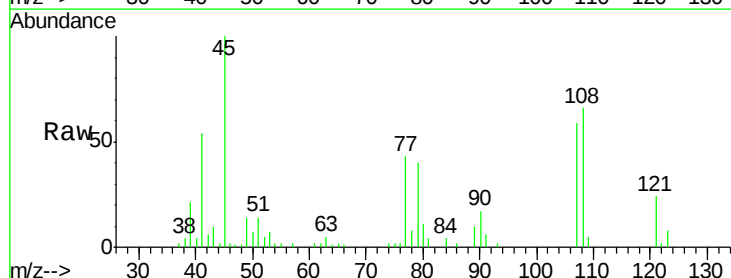
Instrument :
BNA_F
ClientSampleId :

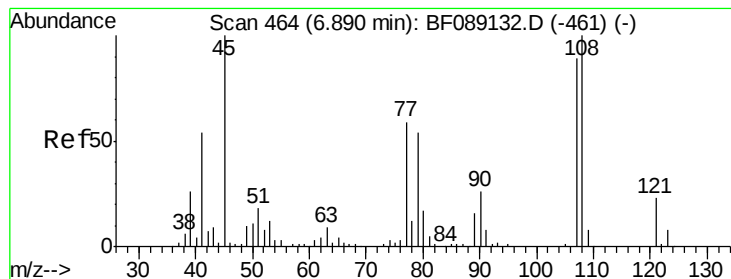
Tot Ion: 79 Resp: 31156
Ion Ratio Lower Upper
79 100
108 62.4 58.2 87.4
77 68.0 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.24 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion: 45 Resp: 40556
Ion Ratio Lower Upper
45 100
77 43.4 39.7 79.7
79 40.2 34.7 74.7

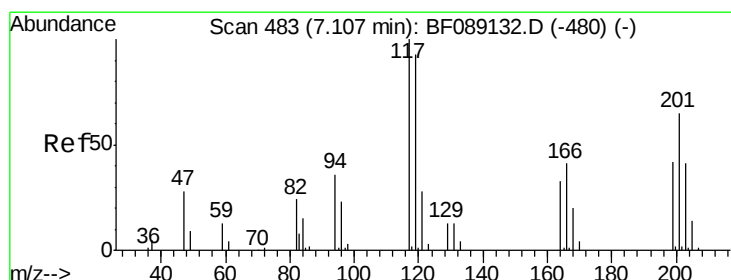
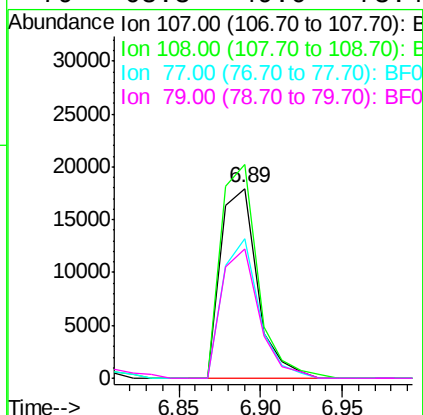
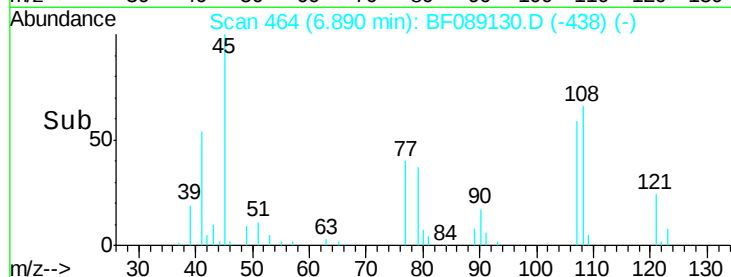
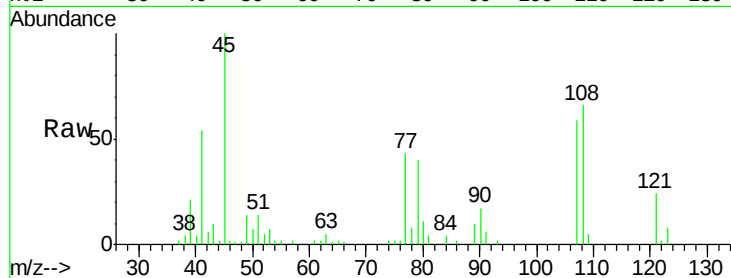




#17
2-Methylphenol
Concen: 10.03 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

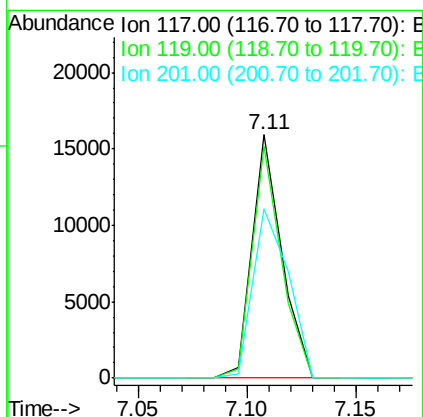
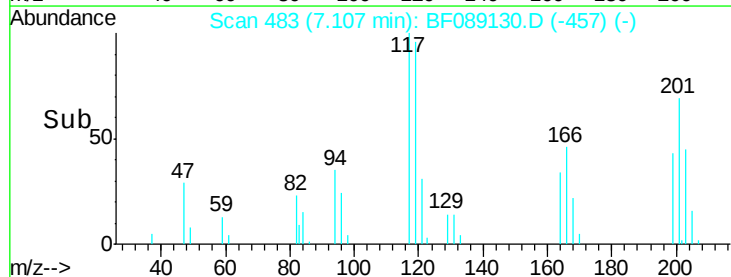
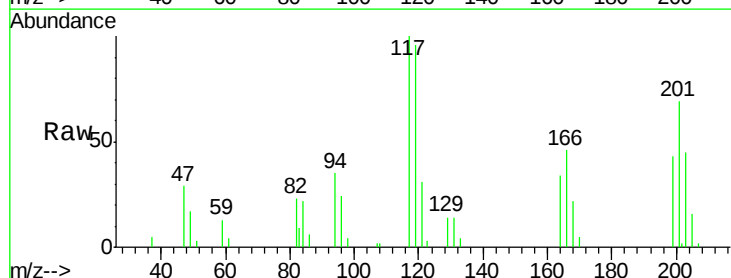
Instrument :
BNA_F
ClientSampleId :

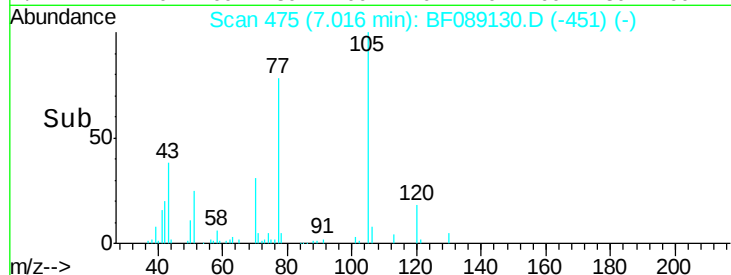
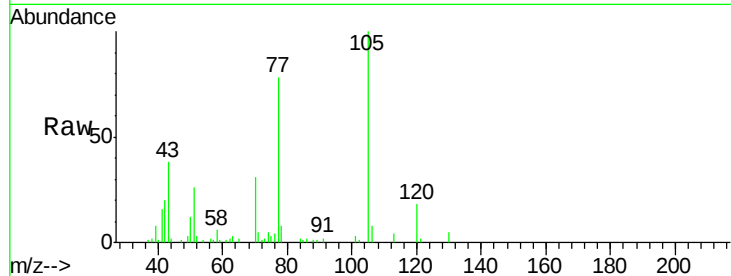
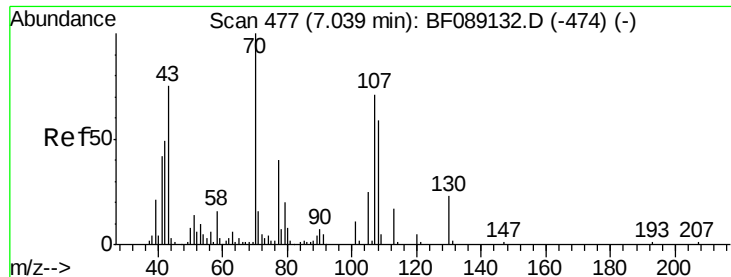
Tot Ion:107 Resp: 27927
Ion Ratio Lower Upper
107 100
108 112.7 89.4 134.2
77 73.7 53.4 80.0
79 68.3 49.0 73.4



#18
Hexachloroethane
Concen: 10.48 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:117 Resp: 15120
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
201 69.5 51.8 77.6

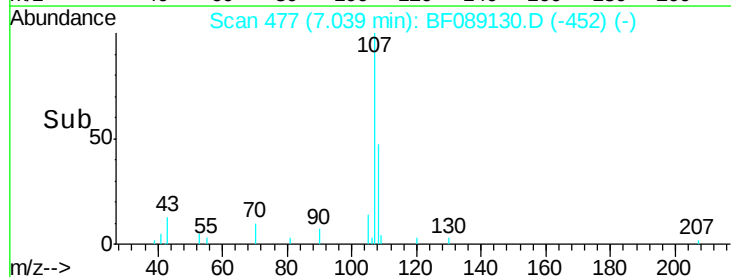
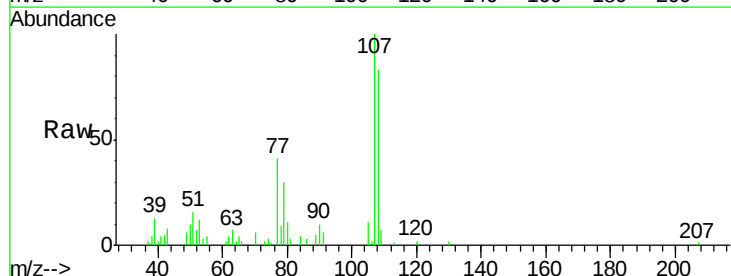
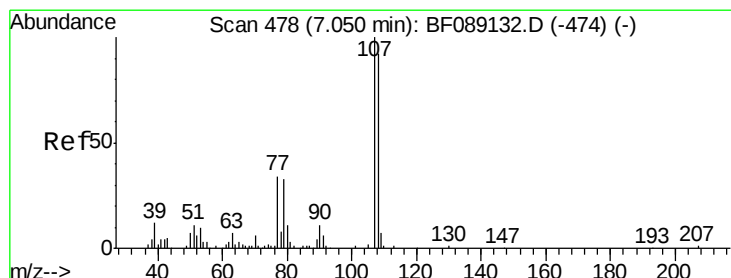
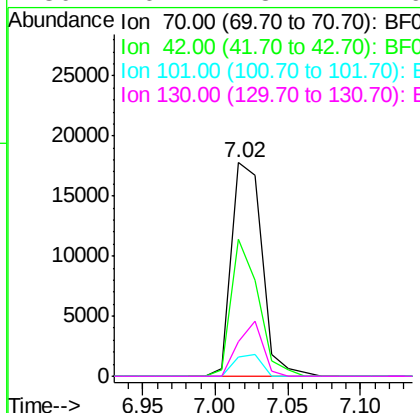




#19
n-Nitroso-di-n-propylamine
Concen: 9.26 ng
RT: 7.02 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

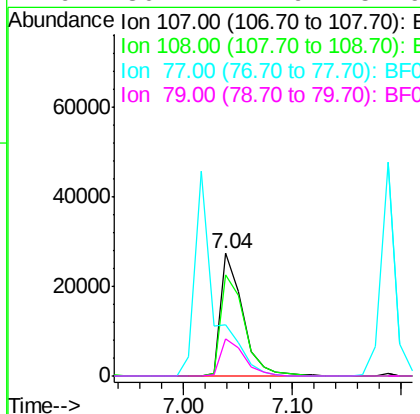
Instrument :
BNA_F
ClientSampleId :

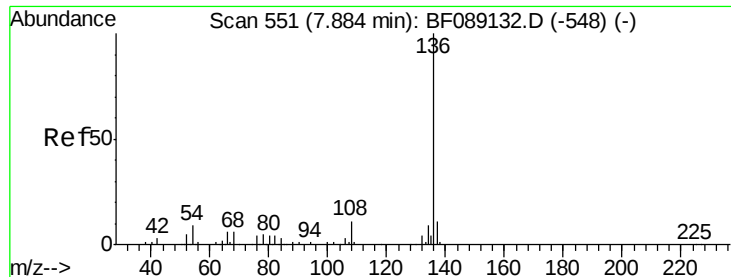
Tot Ion: 70 Resp: 26047
Ion Ratio Lower Upper
70 100
42 64.0 39.2 58.8#
101 9.1 8.5 12.7
130 16.1 18.4 27.6#



#20
3+4-Methylphenols
Concen: 11.24 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:107 Resp: 38738
Ion Ratio Lower Upper
107 100
108 82.9 72.5 112.5
77 41.5 17.7 57.7
79 30.2 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 207352

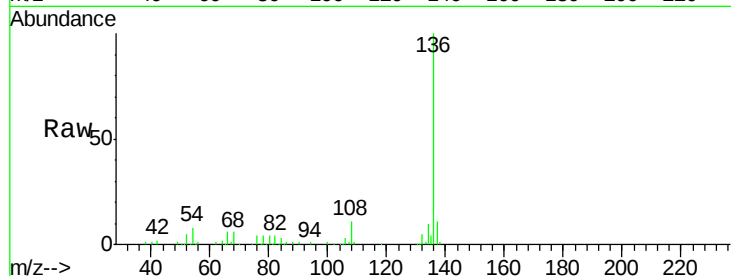
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 7.8 7.0 10.4

68 6.1 5.0 7.6

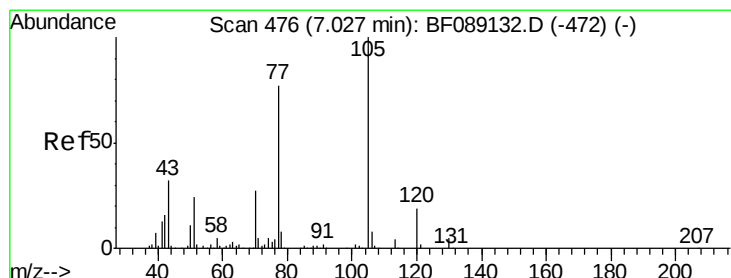
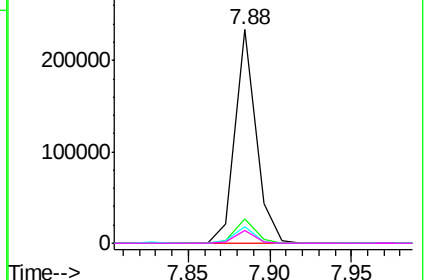
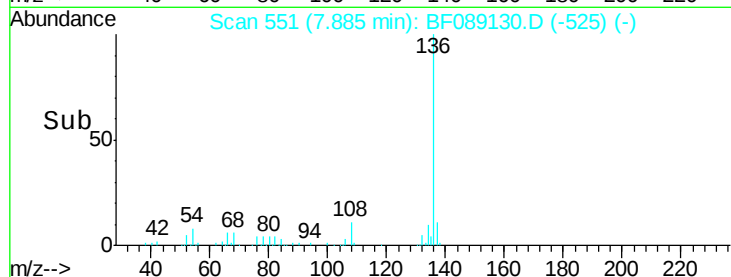


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.05 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Tgt Ion:105 Resp: 56647

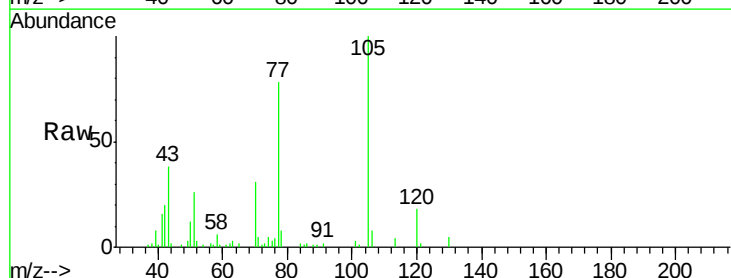
Ion Ratio Lower Upper

105 100

71 5.5 3.8 5.6

51 26.4 19.6 29.4

120 18.1 15.5 23.3

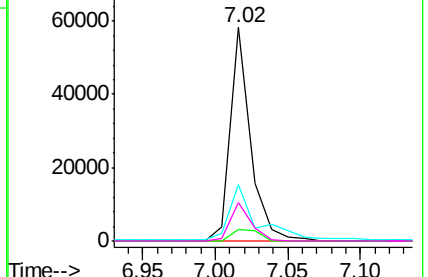
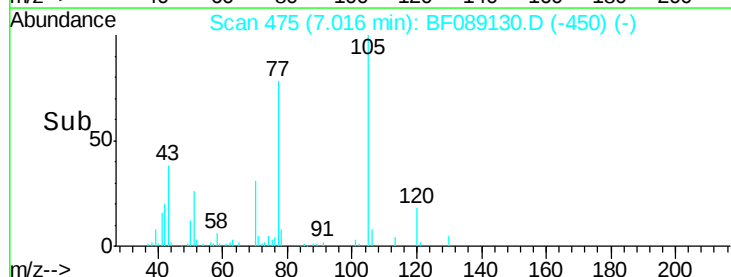


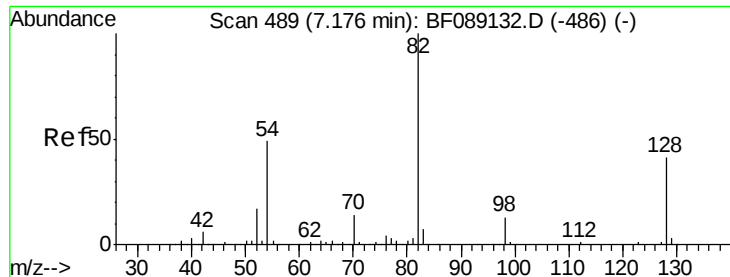
Abundance Ion 105.00 (104.70 to 105.70): E

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

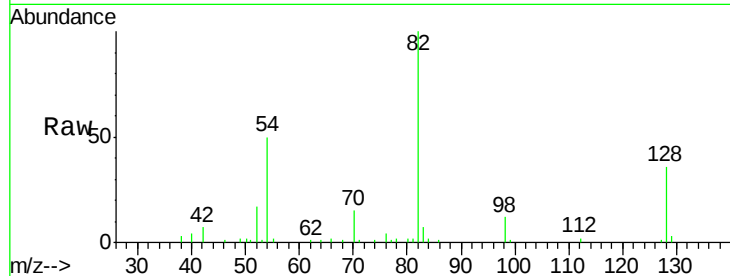




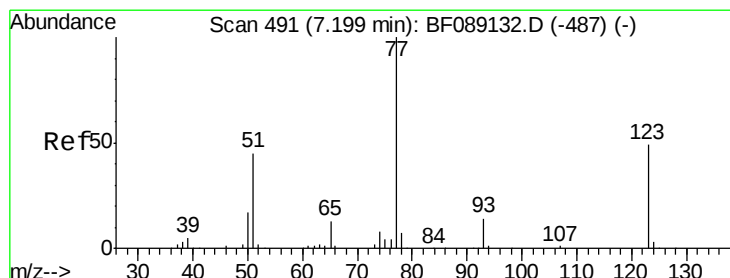
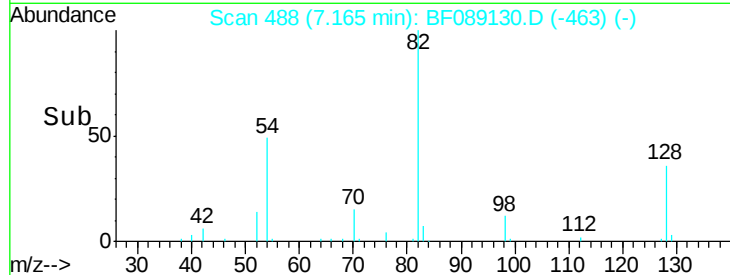
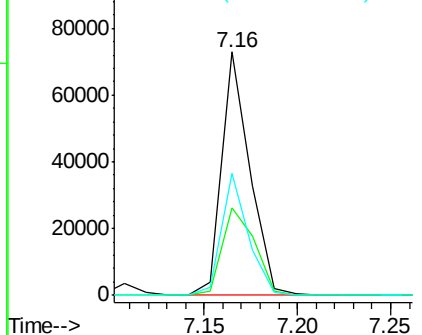
#23
Nitrobenzene-d5
Concen: 19.48 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 77068
Ion Ratio Lower Upper
82 100
128 36.2 33.0 49.6
54 50.2 39.0 58.4

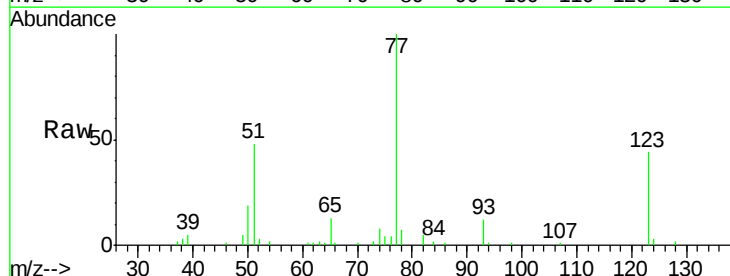


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

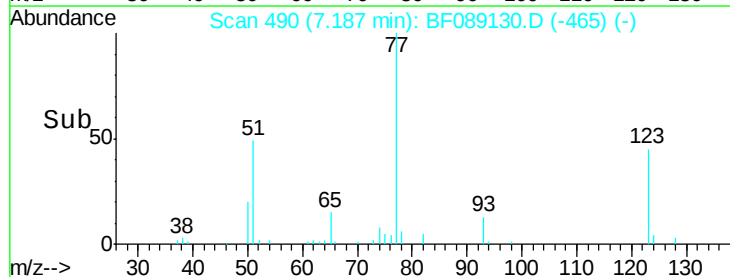
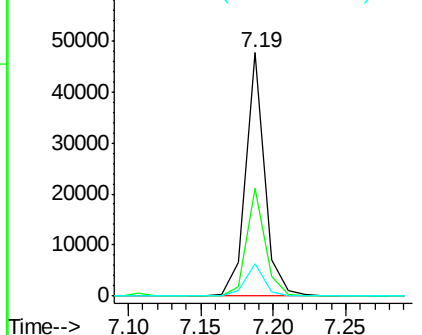


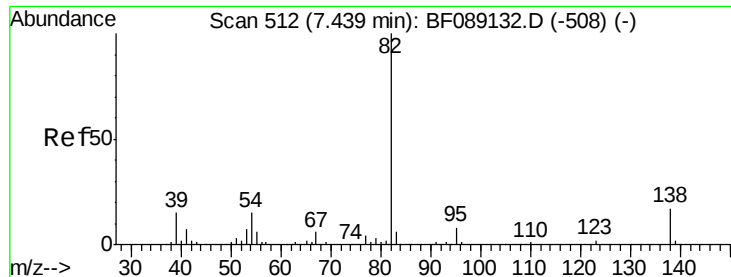
#24
Nitrobenzene
Concen: 10.69 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion: 77 Resp: 43305
Ion Ratio Lower Upper
77 100
123 44.1 38.9 58.3
65 13.4 10.6 15.8



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: 10.10 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampled :

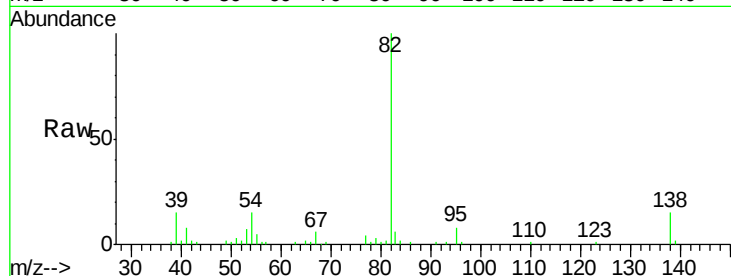
Tot Ion: 82 Resp: 74095

Ion Ratio Lower Upper

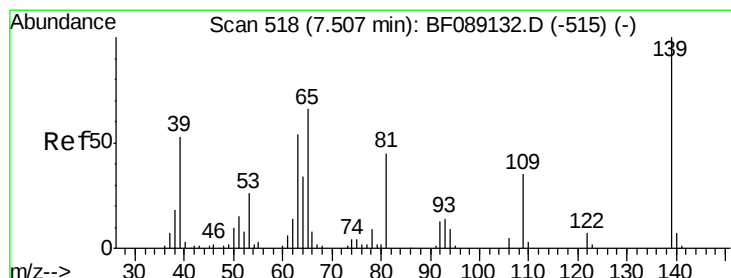
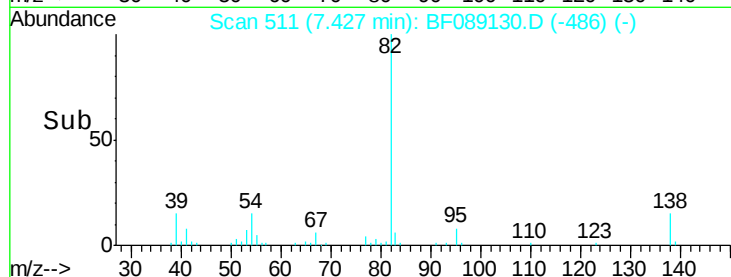
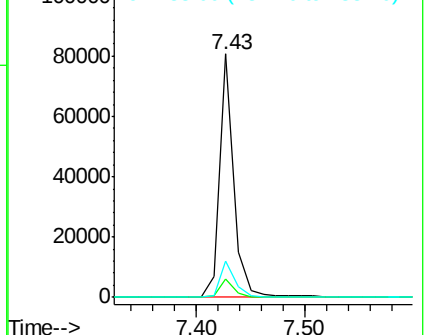
82 100

95 7.7 6.1 9.1

138 15.1 13.6 20.4



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: 11.82 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

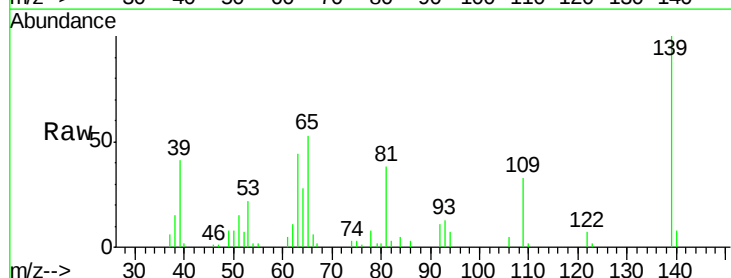
Tgt Ion: 139 Resp: 19879

Ion Ratio Lower Upper

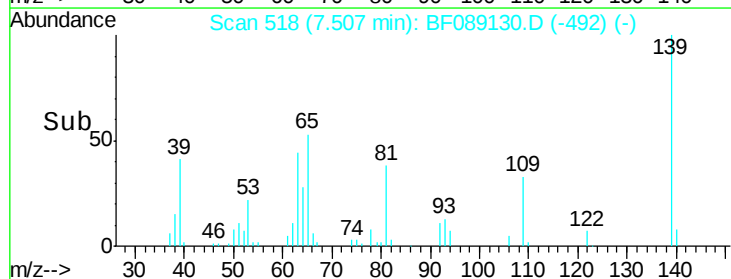
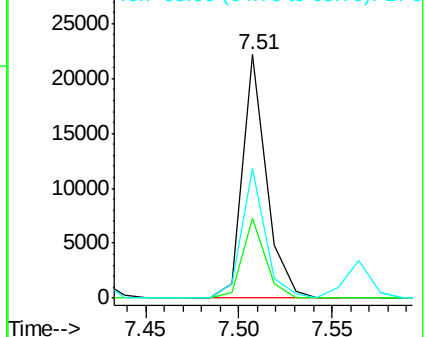
139 100

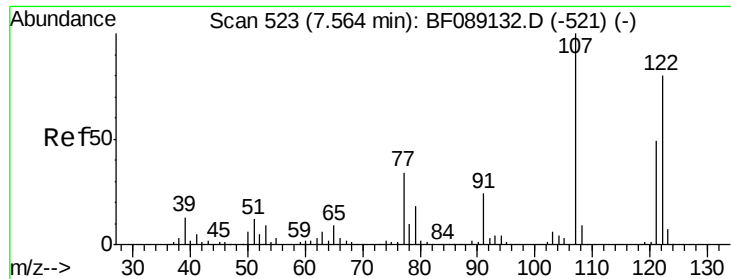
109 32.6 28.1 42.1

65 53.1 52.7 79.1



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

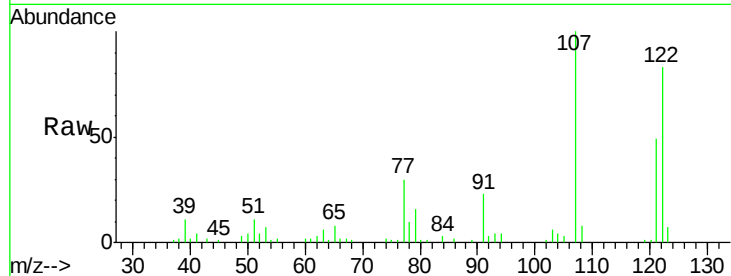




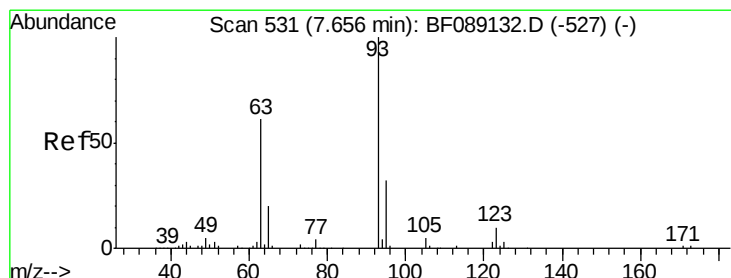
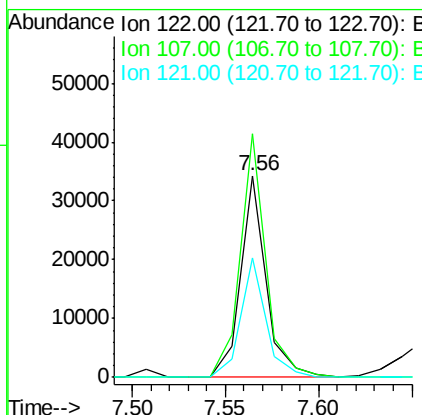
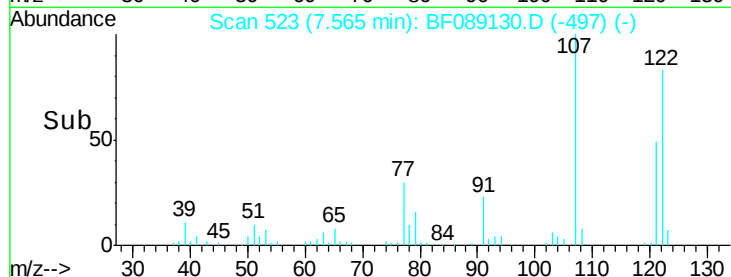
#27
 2,4-Dimethylphenol
 Concen: 9.74 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 32603
 Ion Ratio Lower Upper
 122 100
 107 120.8 99.7 149.5
 121 59.5 48.5 72.7

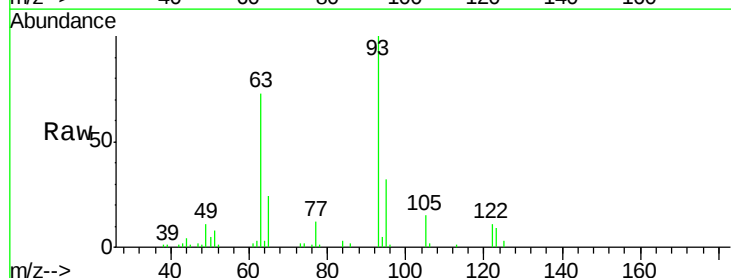


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

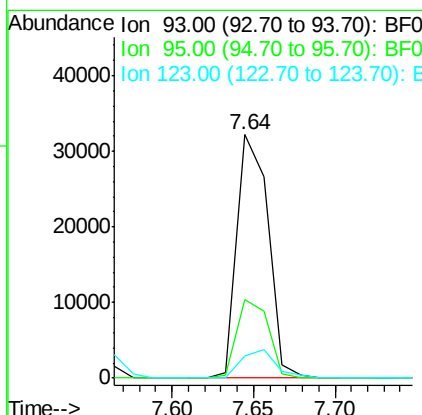
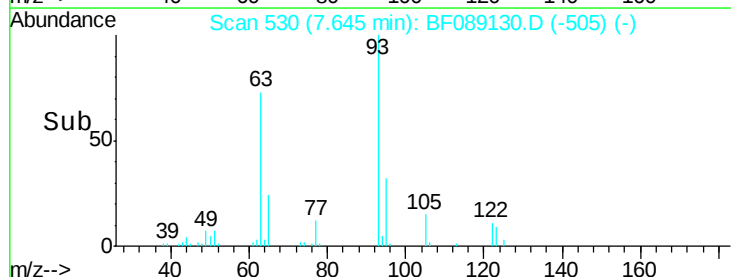


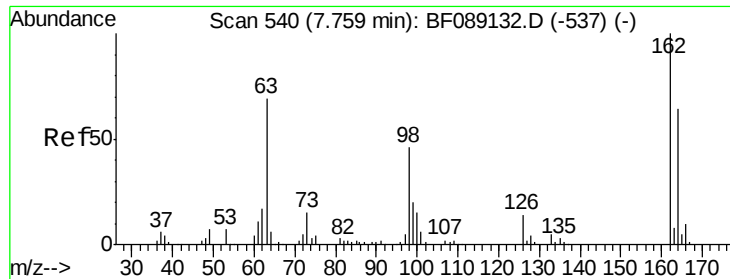
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.77 ng
 RT: 7.64 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion: 93 Resp: 42331
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.4 38.0
 123 9.1 8.3 12.5



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

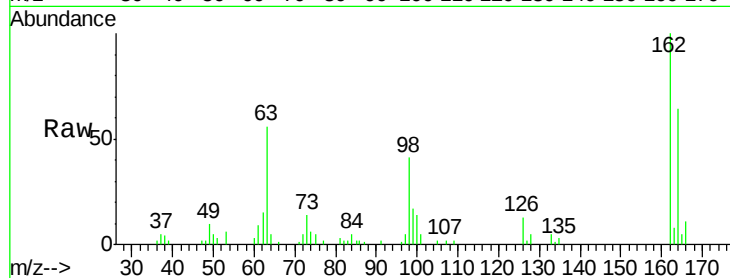




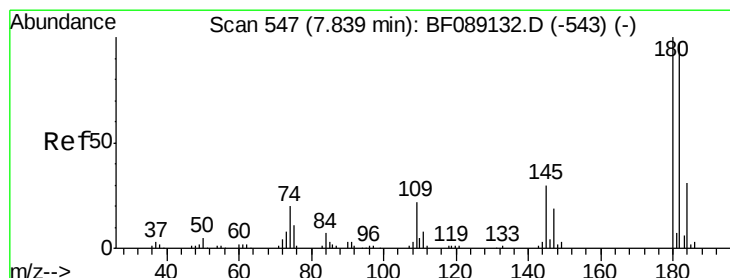
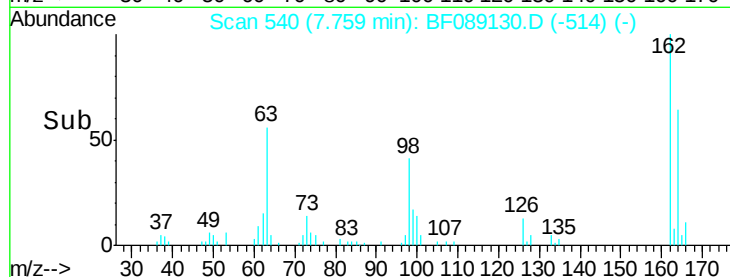
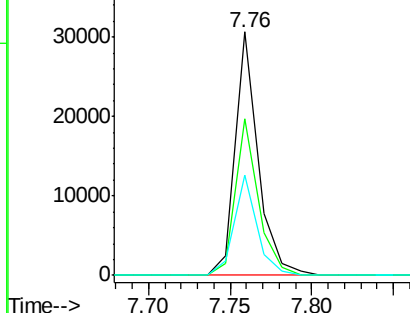
#29
 2,4-Dichlorophenol
 Concen: 10.55 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 29491
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.0 84.0
 98 41.1 26.0 66.0

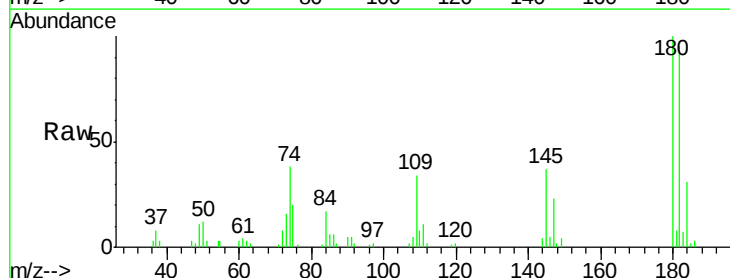


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

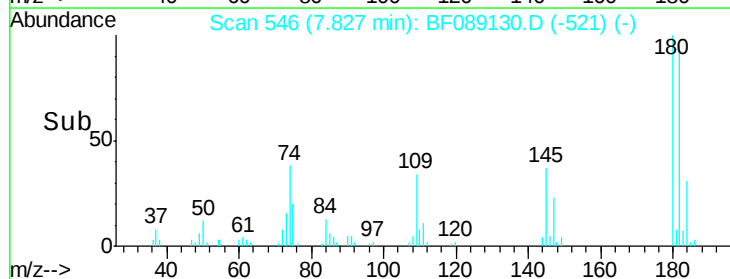
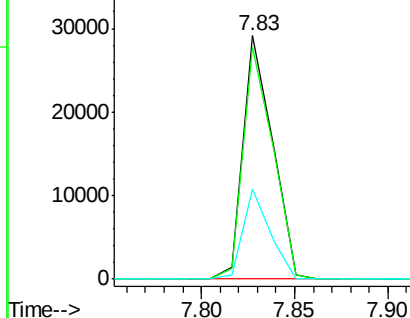


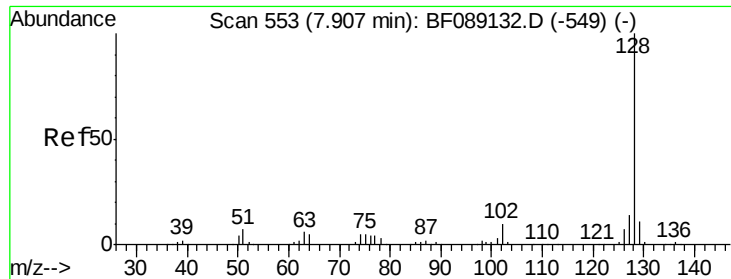
#30
 1,2,4-Trichlorobenzene
 Concen: 10.49 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:180 Resp: 31998
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.6 116.4
 145 36.7 24.0 36.0#



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

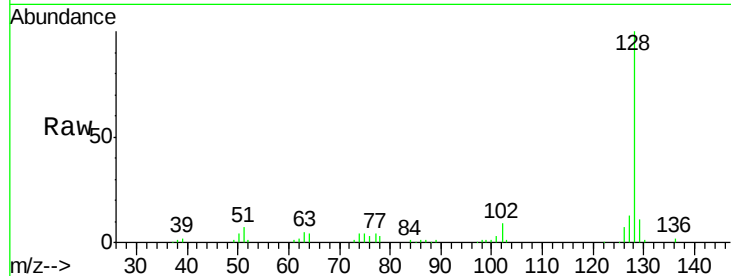




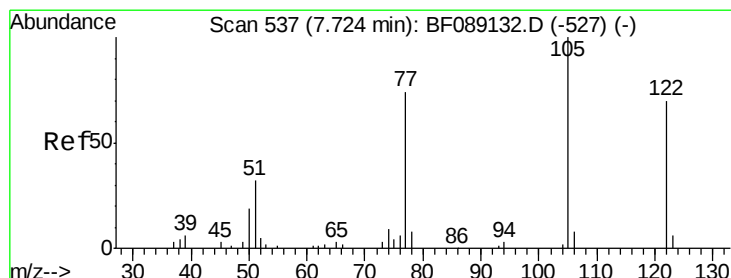
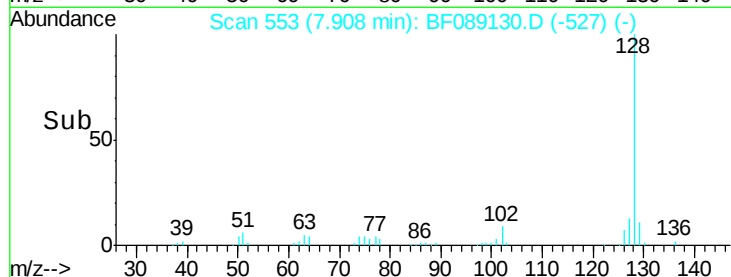
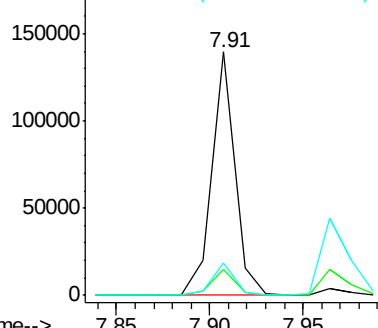
#31
Naphthalene
Concen: 11.81 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 121029
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.1 10.8 16.2

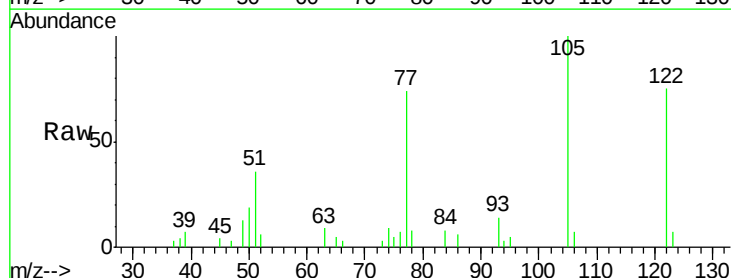


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

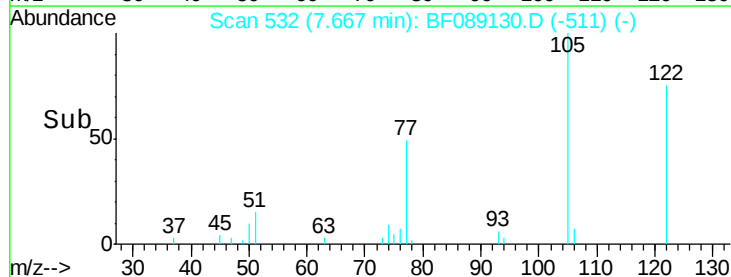
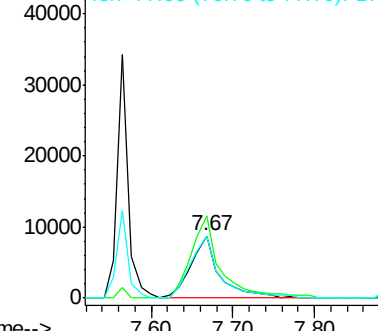


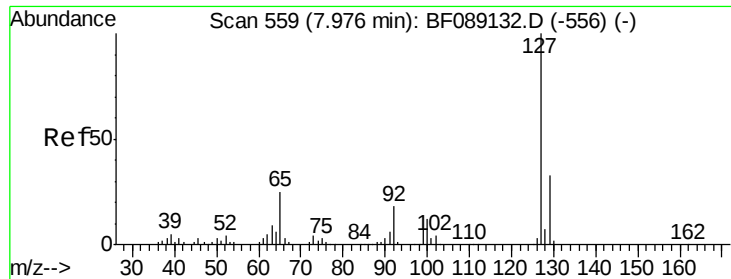
#32
Benzoic acid
Concen: 8.52 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.06 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:122 Resp: 21241
Ion Ratio Lower Upper
122 100
105 132.7 119.0 159.0
77 98.6 84.7 124.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

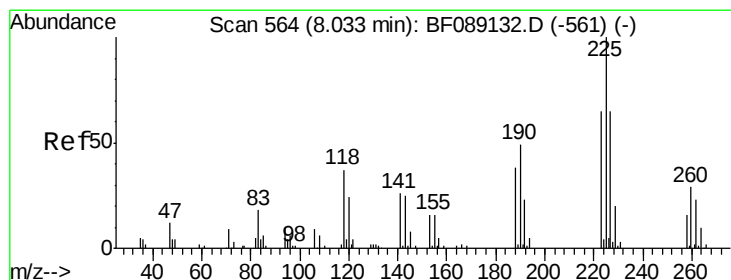
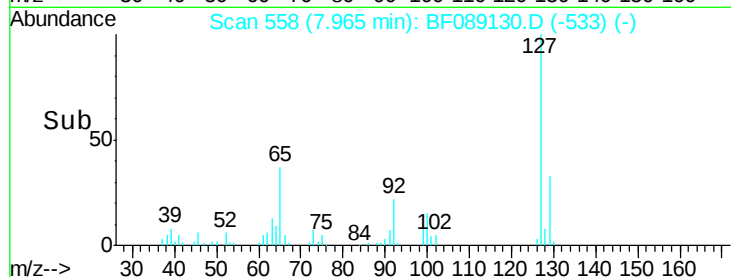
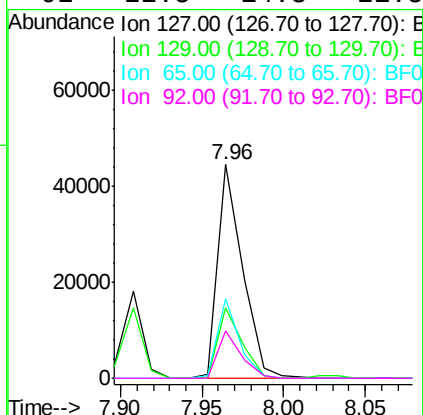
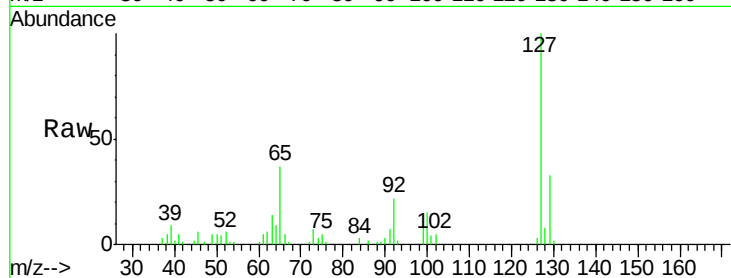




#33
4-Chloroaniline
Concen: 10.35 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

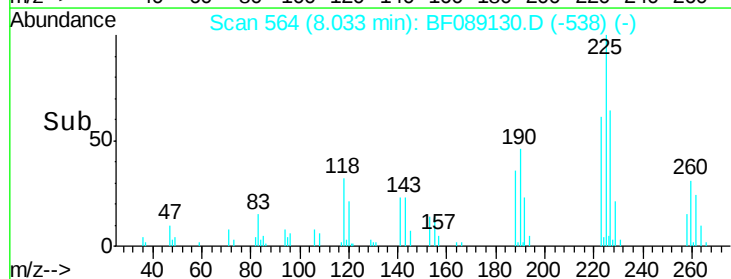
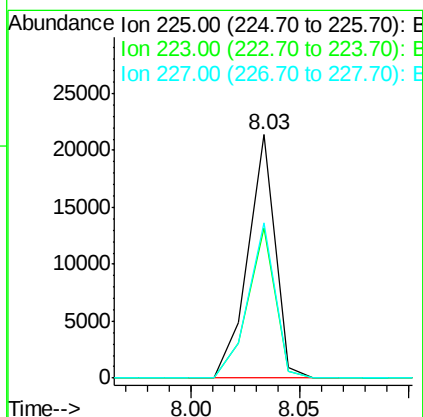
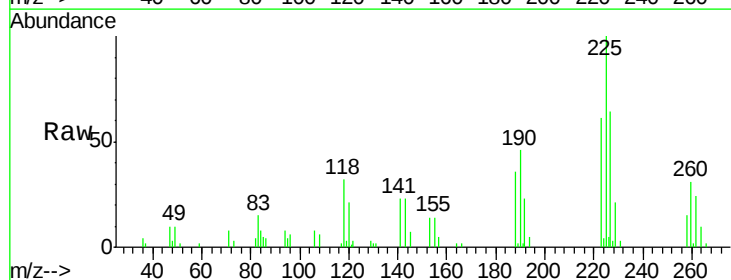
Instrument :
BNA_F
ClientSampleId :

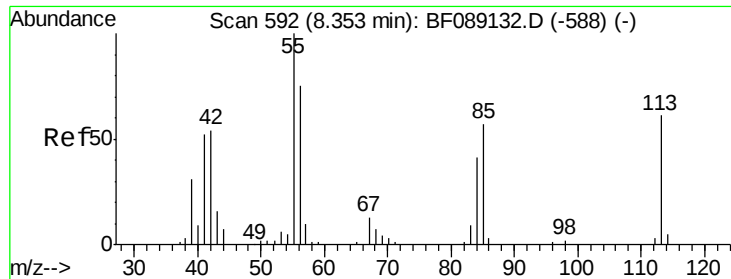
Tot Ion:	127	Resp:	47327
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	37.0	19.7	29.5#
92	22.5	14.3	21.5#



#34
Hexachlorobutadiene
Concen: 11.37 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:	225	Resp:	18705
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.6	77.4
227	63.6	51.6	77.4

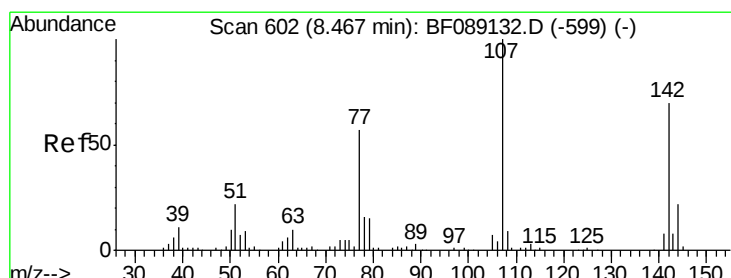
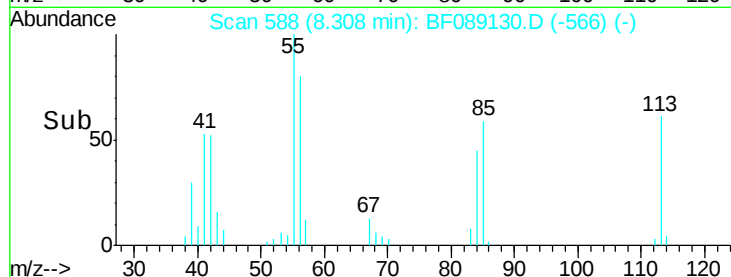
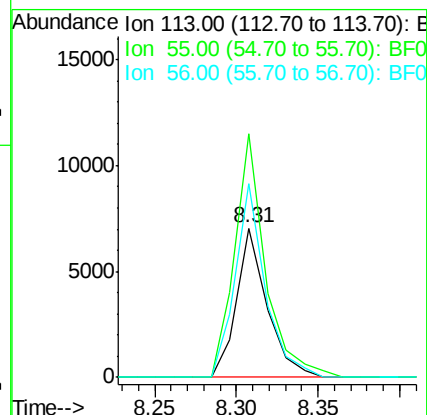
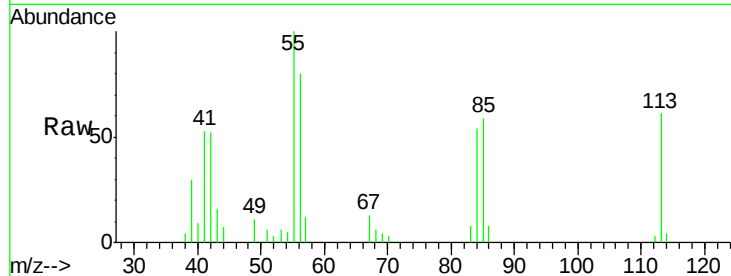




#35
 Caprolactam
 Concen: 9.84 ng
 RT: 8.31 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

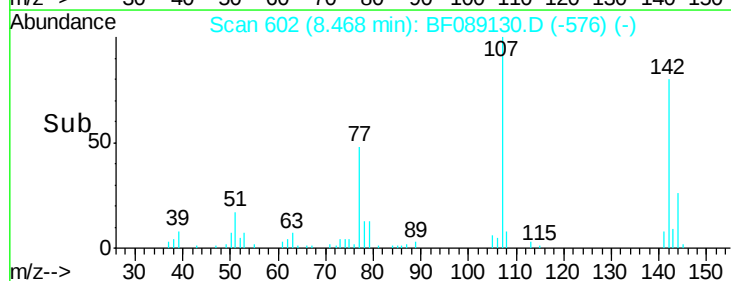
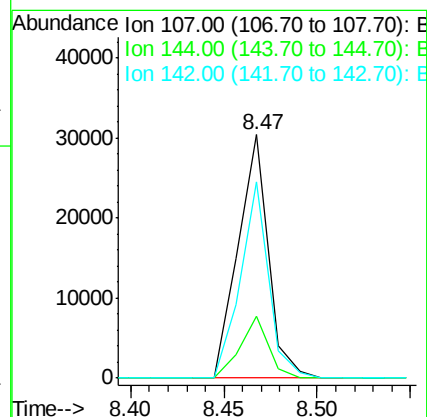
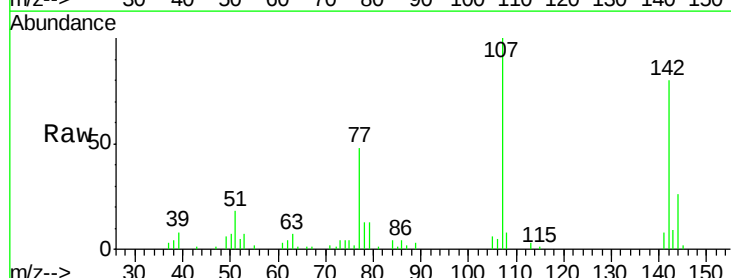
Instrument :
 BNA_F
 ClientSampleId :

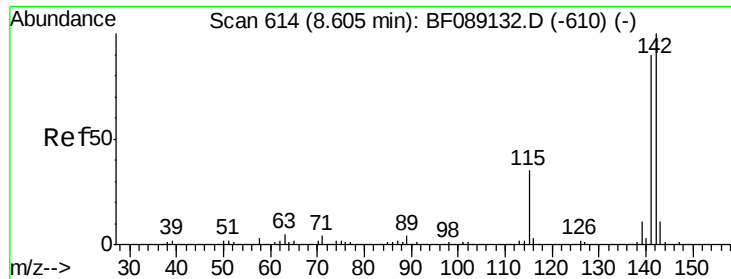
Tot Ion:113 Resp: 9110
 Ion Ratio Lower Upper
 113 100
 55 163.0 145.3 185.3
 56 129.6 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 10.50 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:107 Resp: 34493
 Ion Ratio Lower Upper
 107 100
 144 25.5 17.8 26.6
 142 80.4 56.1 84.1

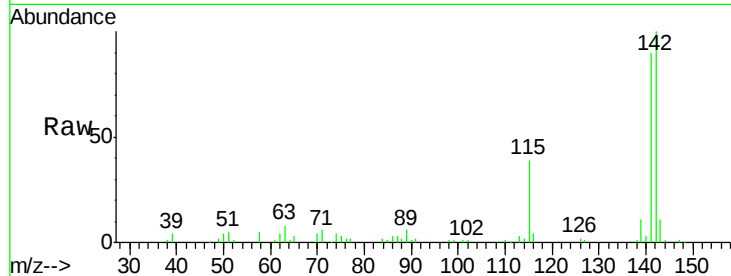




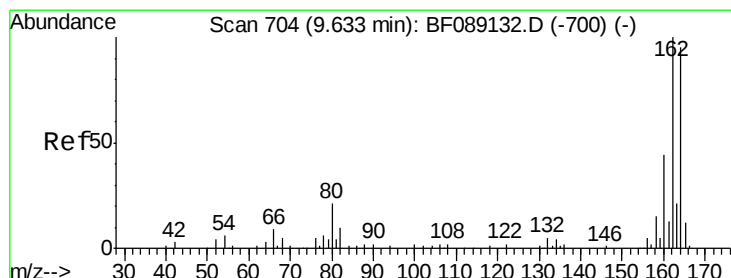
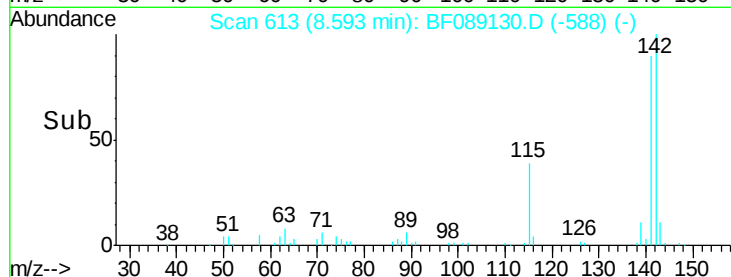
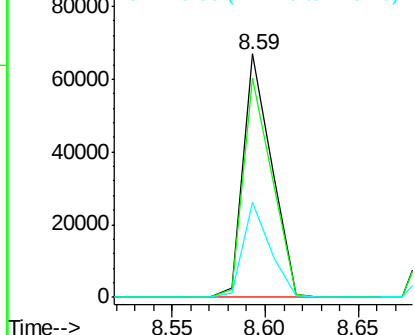
#37
2-Methylnaphthalene
Concen: 10.46 ng
RT: 8.59 min Scan# 613
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 70894
Ion Ratio Lower Upper
142 100
141 90.0 71.6 107.4
115 39.3 27.6 41.4

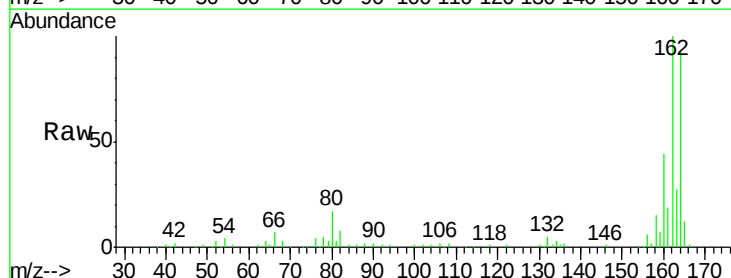


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

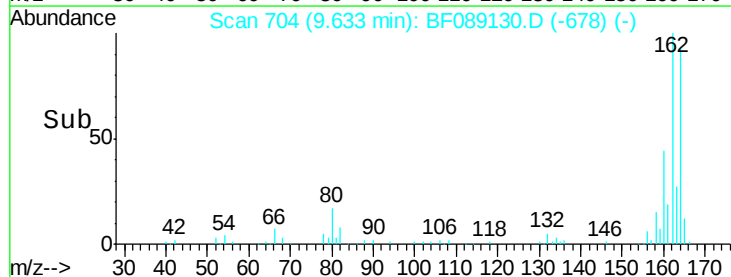
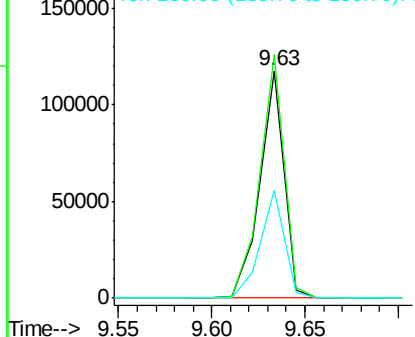


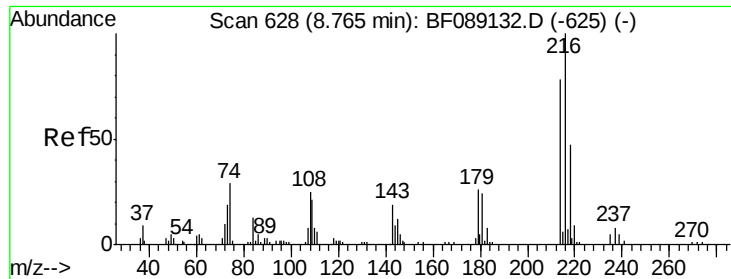
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:164 Resp: 104772
Ion Ratio Lower Upper
164 100
162 107.0 84.1 126.1
160 47.4 37.1 55.7



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: 11.47 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 39990

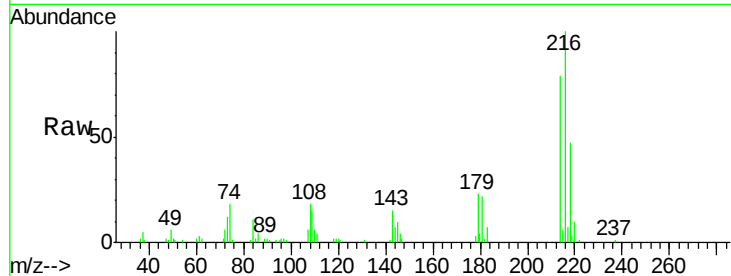
Ion Ratio Lower Upper

216 100

214 78.1 61.9 92.9

179 22.6 18.4 27.6

108 19.3 17.0 25.6

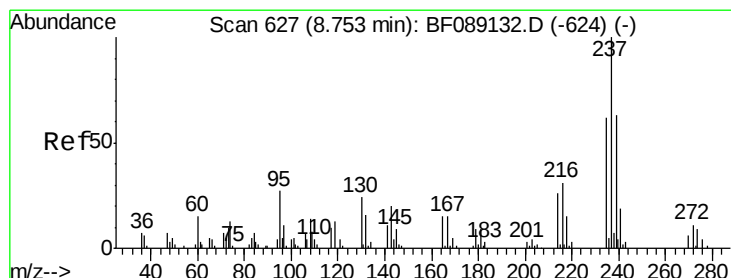
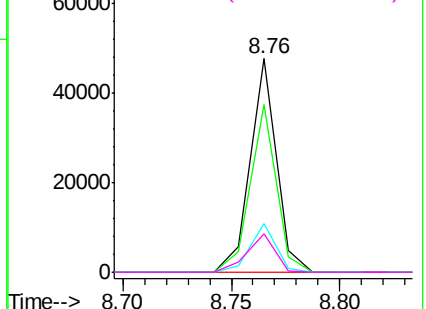
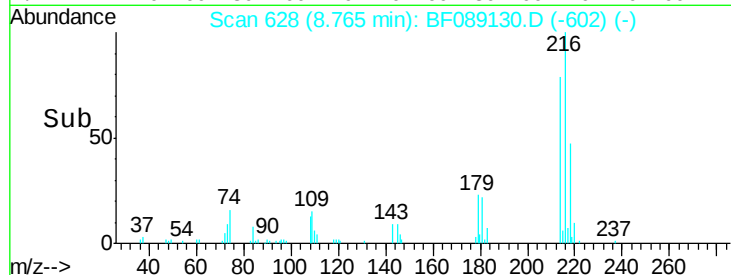


Abundance Ion 216.00 (215.70 to 216.70): E

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: 3.60 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

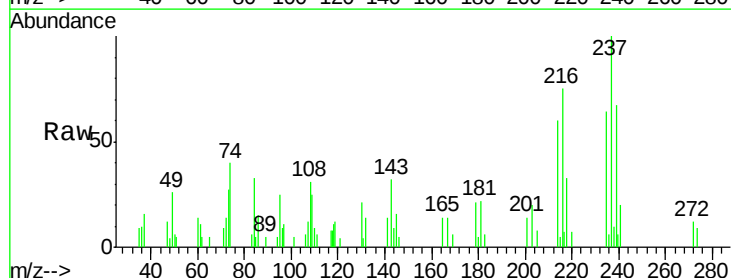
Tgt Ion:237 Resp: 5848

Ion Ratio Lower Upper

237 100

235 64.1 42.1 82.1

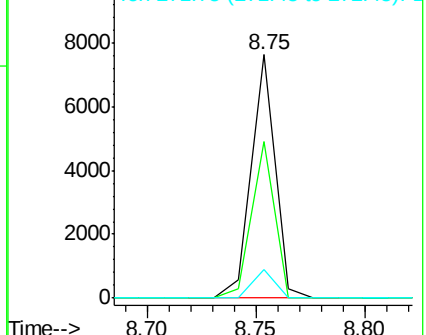
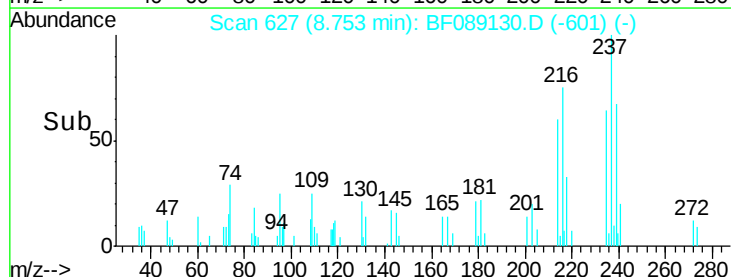
272 11.9 0.0 31.4

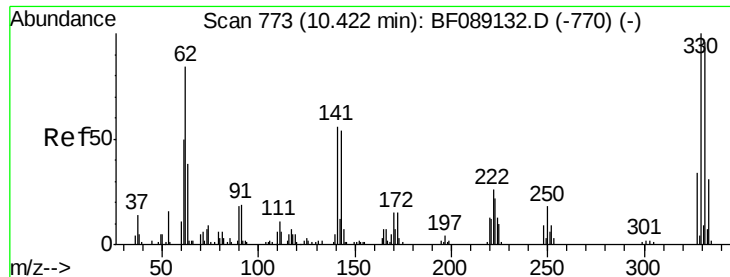


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

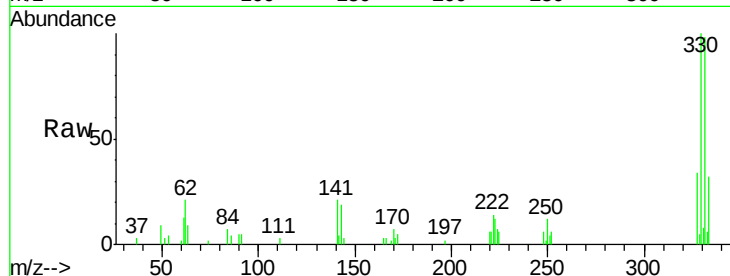




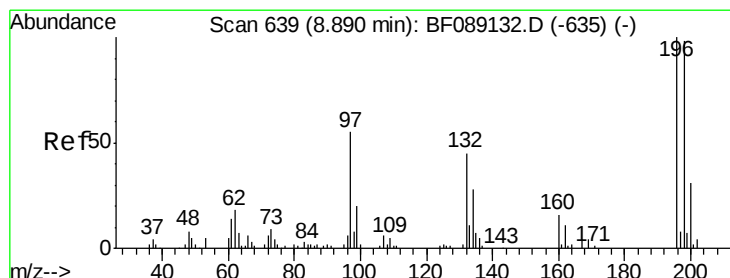
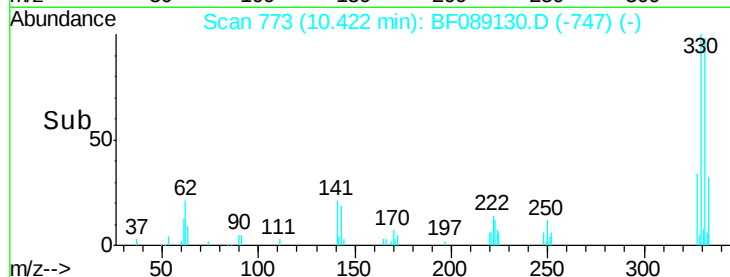
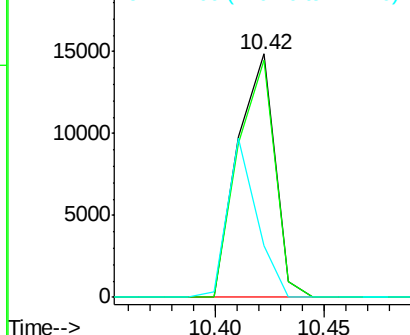
#41
 2,4,6-Tribromophenol
 Concen: 18.37 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 17572
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.2 115.8
 141 51.4 42.2 63.2

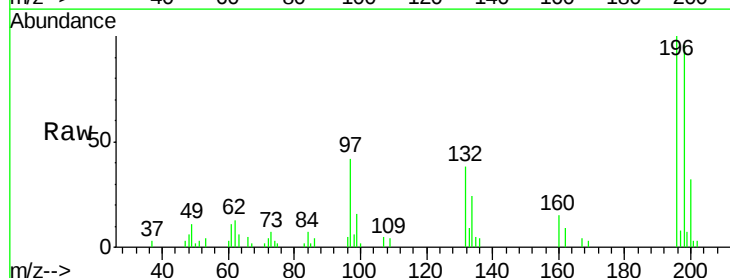


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

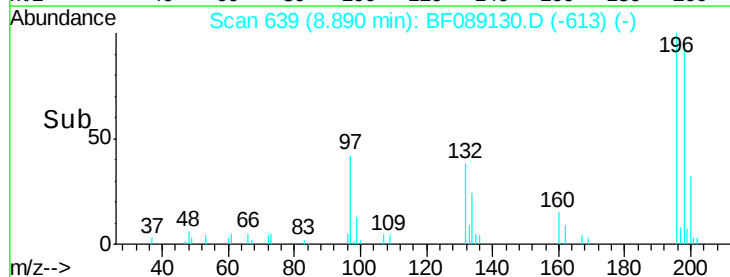
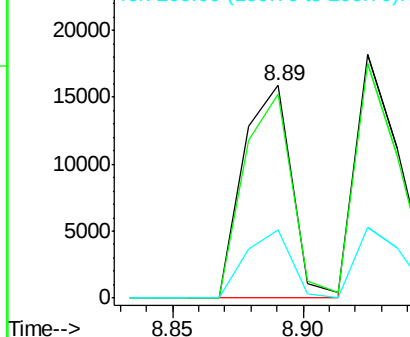


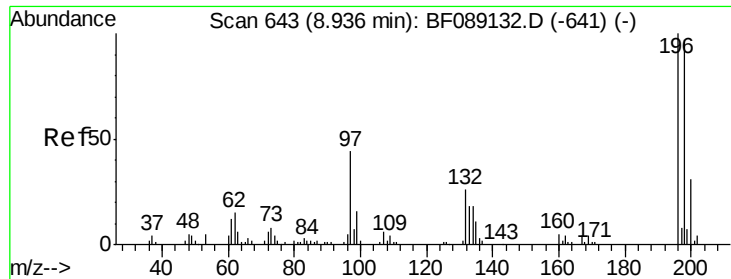
#42
 2,4,6-Trichlorophenol
 Concen: 8.94 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:196 Resp: 20708
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.3 117.5
 200 32.3 25.0 37.4



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

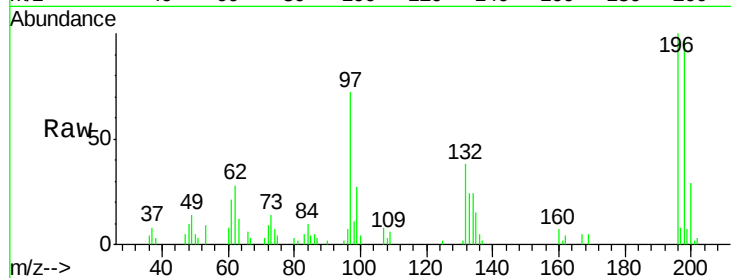




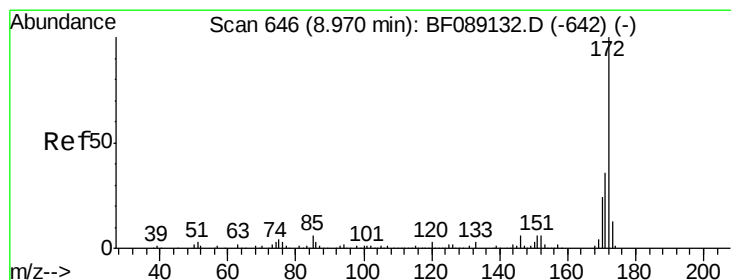
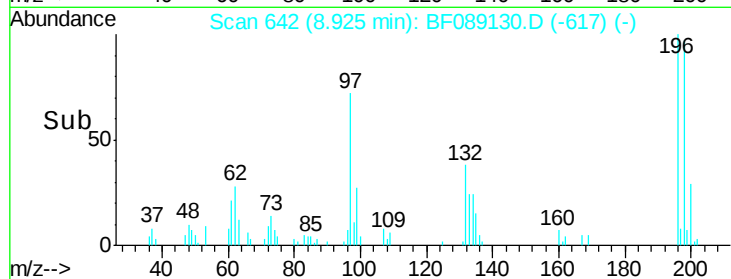
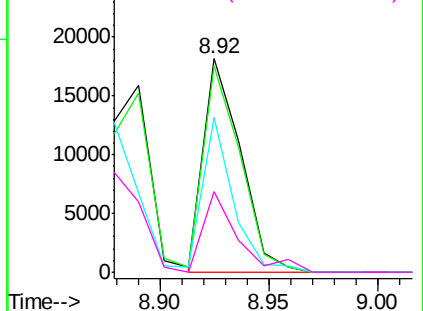
#43
 2,4,5-Trichlorophenol
 Concen: 10.76 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 21558
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.6 116.4
 97 72.5 36.5 54.7#
 132 37.9 21.2 31.8#

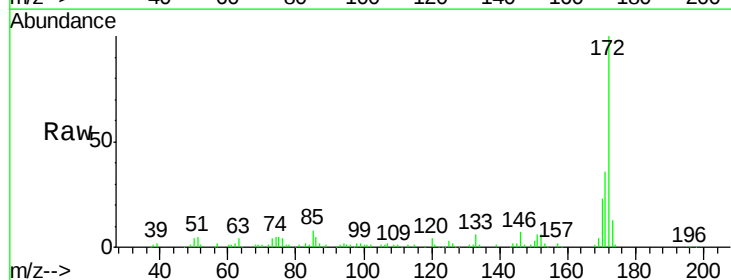


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

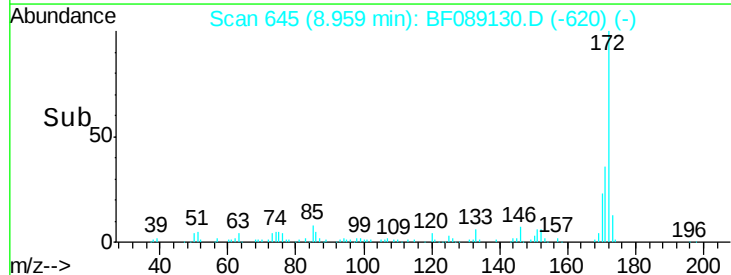
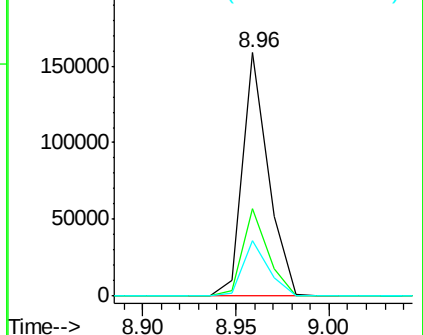


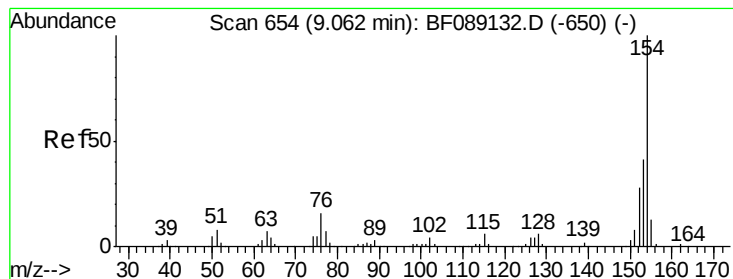
#44
 2-Fluorobiphenyl
 Concen: 21.86 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:172 Resp: 152105
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 22.9 19.1 28.7



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: 11.42 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

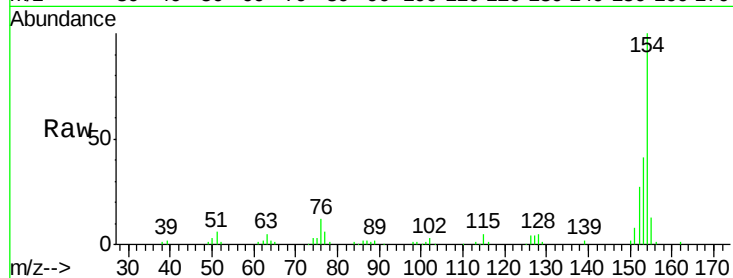
Tot Ion:154 Resp: 98641

Ion Ratio Lower Upper

154 100

153 40.8 21.1 61.1

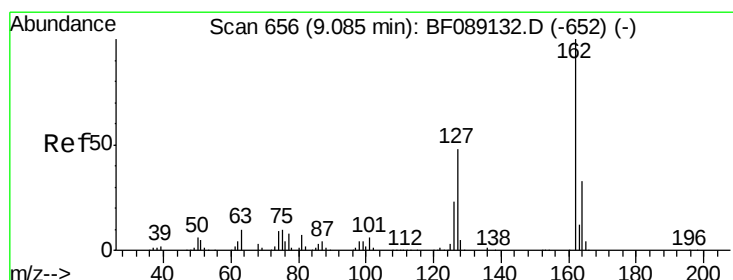
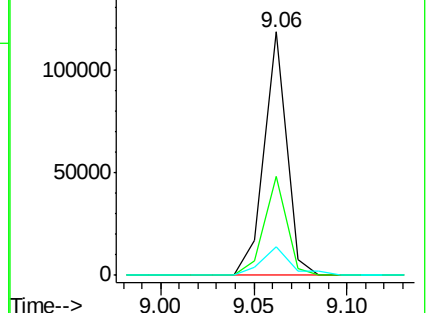
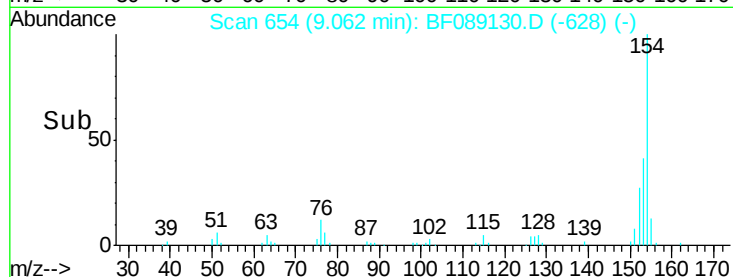
76 11.6 0.0 35.8



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: 10.81 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

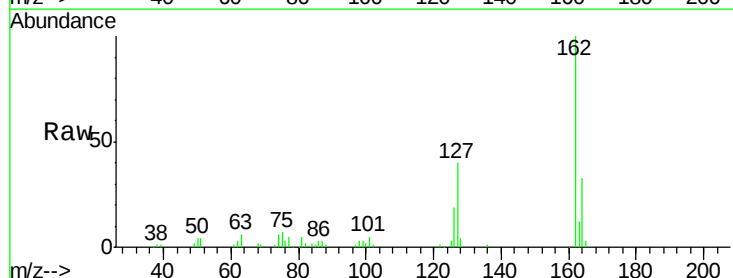
Tgt Ion:162 Resp: 73308

Ion Ratio Lower Upper

162 100

127 40.0 38.1 57.1

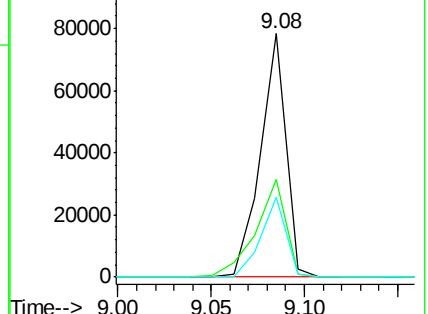
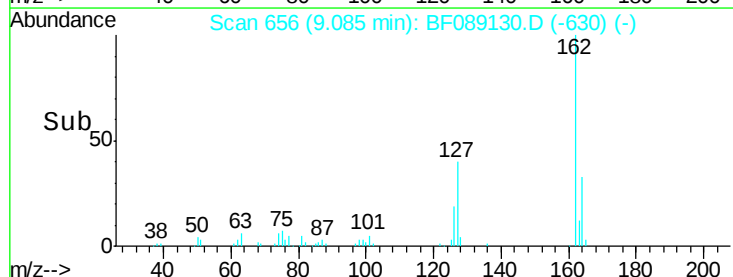
164 33.0 26.1 39.1

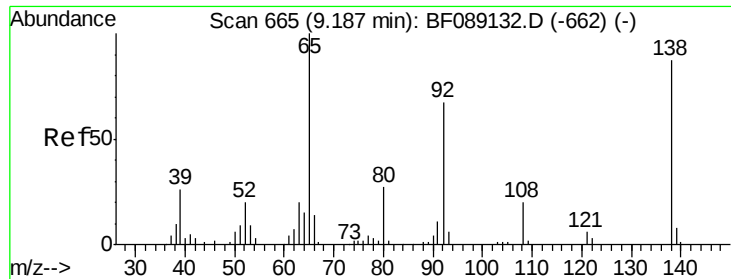


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

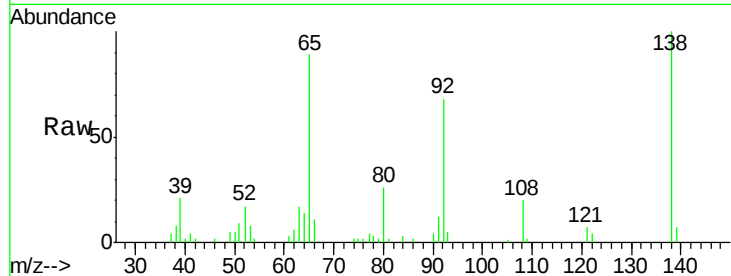




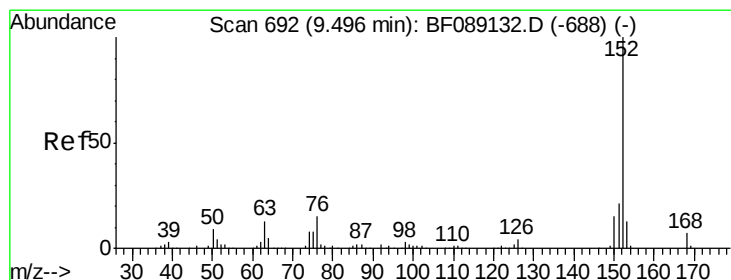
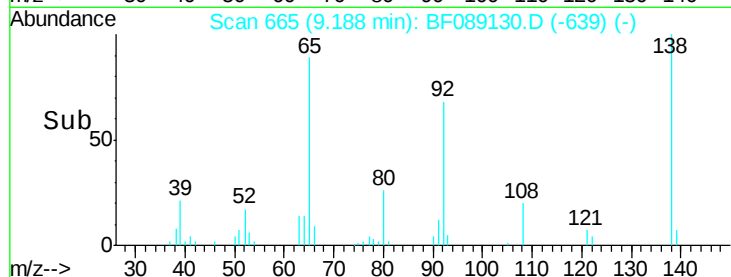
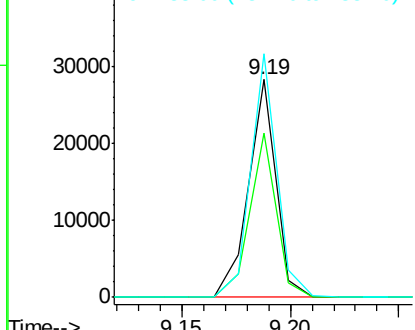
#47
2-Nitroaniline
Concen: 10.45 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 24720
Ion Ratio Lower Upper
65 100
92 75.5 53.2 79.8
138 111.8 69.4 104.2#

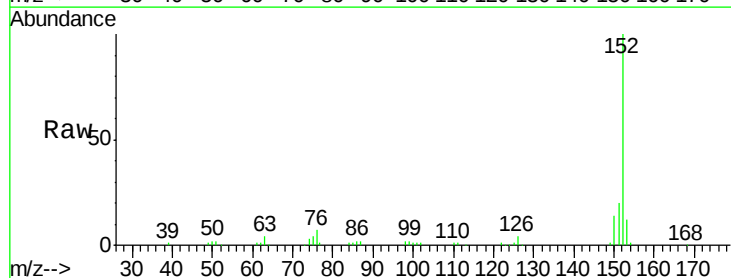


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

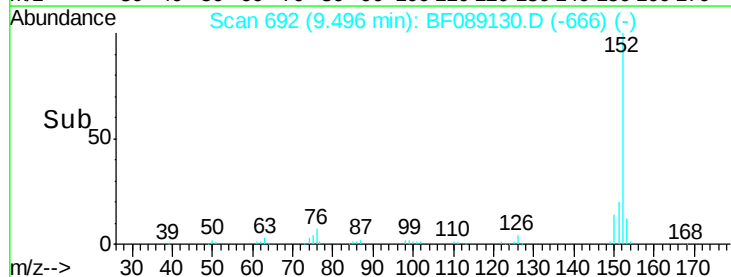
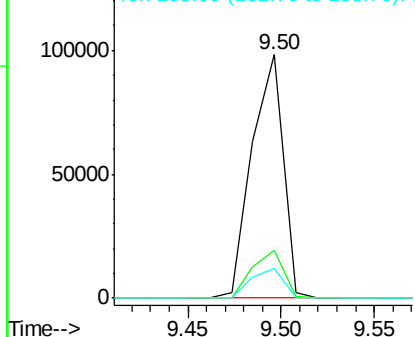


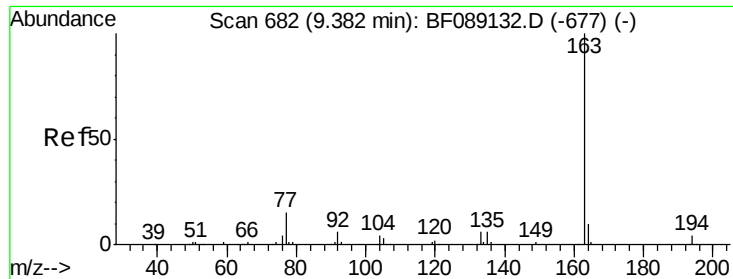
#48
Acenaphthylene
Concen: 10.53 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion: 152 Resp: 113834
Ion Ratio Lower Upper
152 100
151 19.6 16.5 24.7
153 12.3 10.7 16.1



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

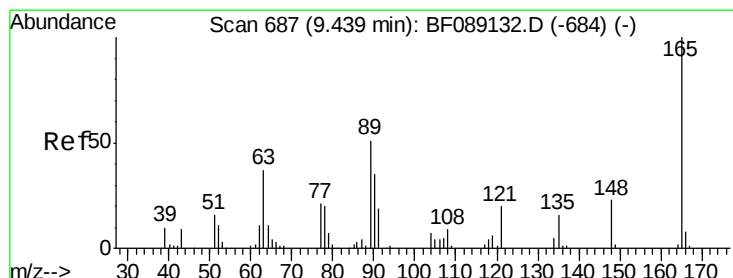
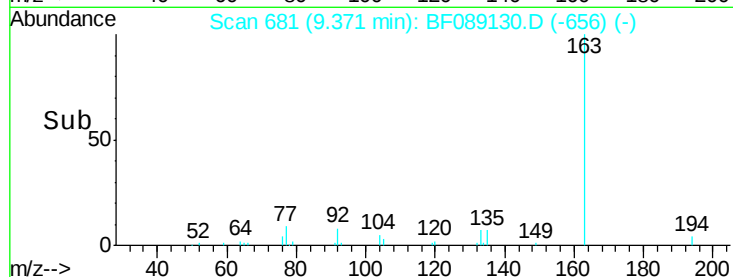
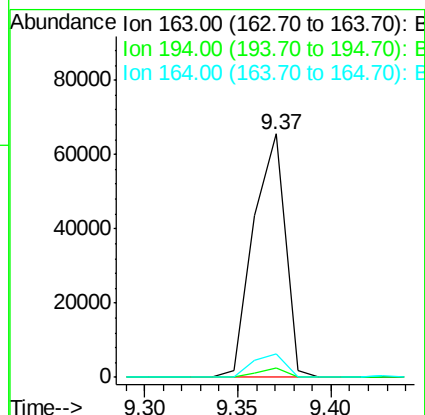
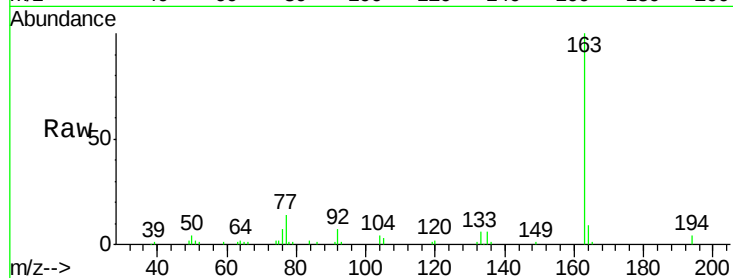




#49
Dimethylphthalate
Concen: 10.08 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

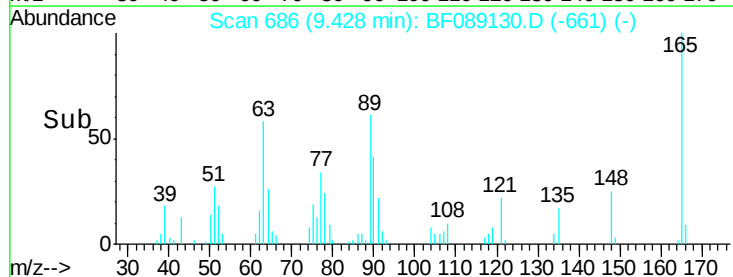
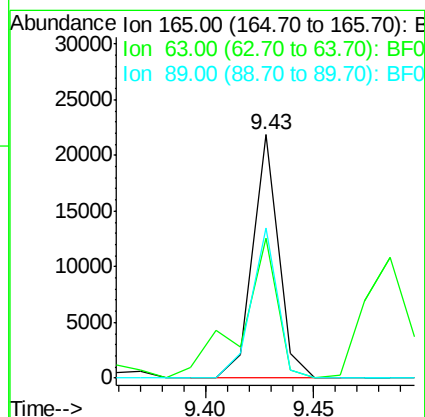
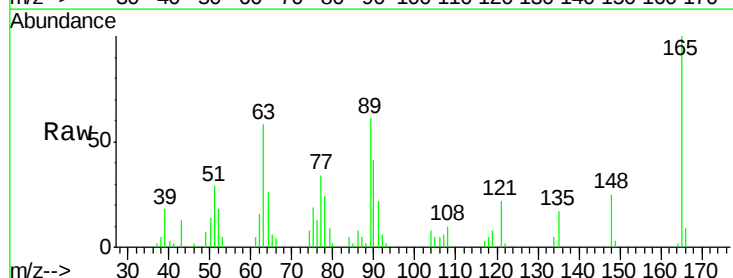
Instrument :
BNA_F
ClientSampleId :

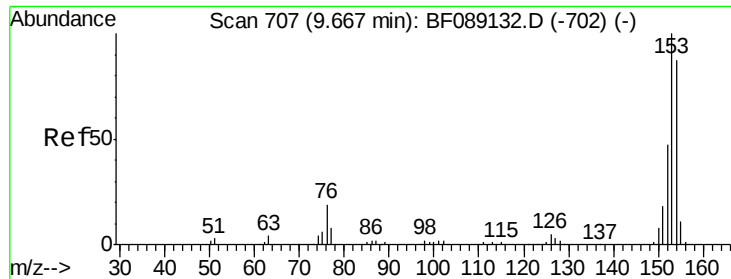
Tot Ion:163 Resp: 77294
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 9.5 7.6 11.4



#50
2,6-Dinitrotoluene
Concen: 10.49 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:165 Resp: 17934
Ion Ratio Lower Upper
165 100
63 57.5 37.0 55.4#
89 61.4 40.9 61.3#





#51

Acenaphthene

Concen: 10.02 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

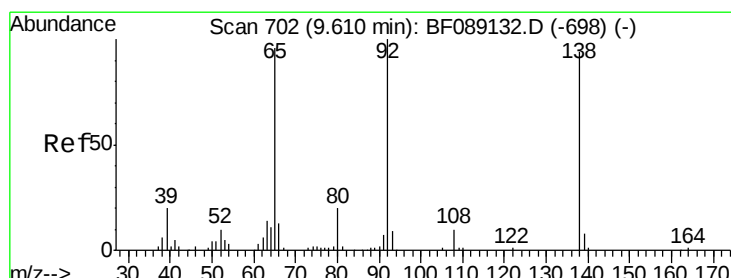
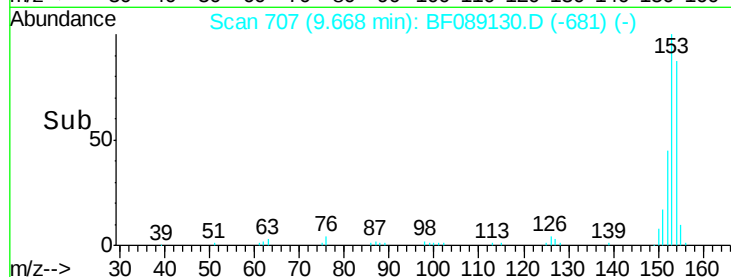
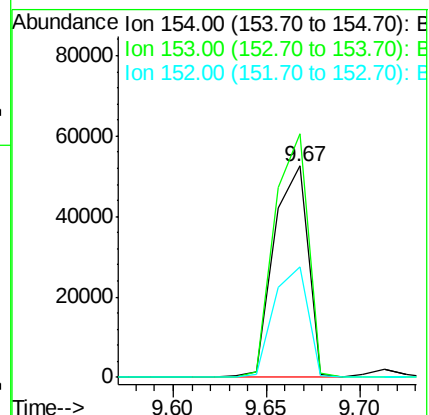
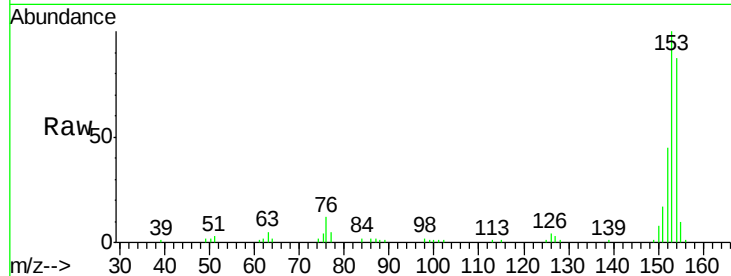
Tot Ion:154 Resp: 66623

Ion Ratio Lower Upper

154 100

153 115.3 91.9 137.9

152 52.3 42.8 64.2



#52

3-Nitroaniline

Concen: 10.39 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

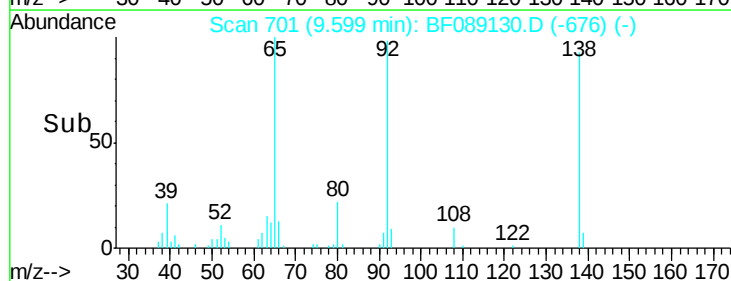
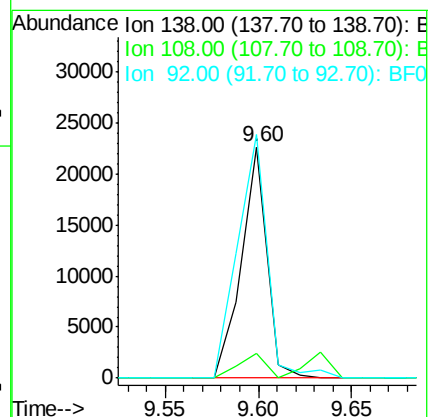
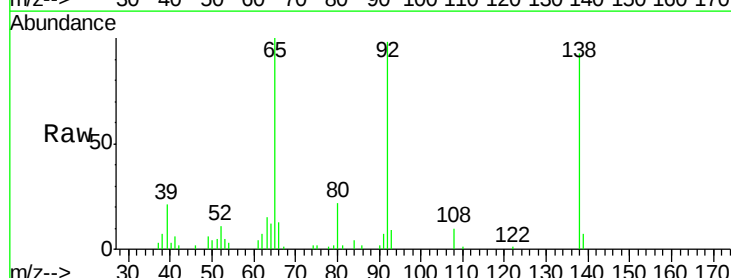
Tgt Ion:138 Resp: 21718

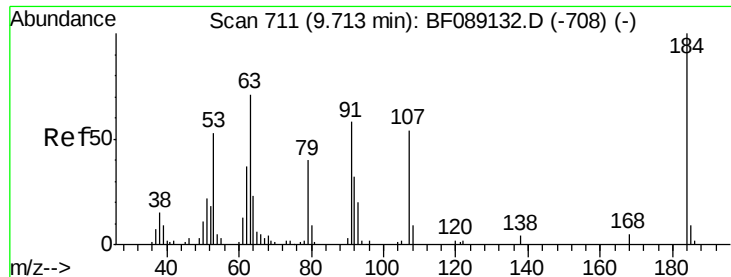
Ion Ratio Lower Upper

138 100

108 10.6 8.8 13.2

92 105.3 85.3 127.9

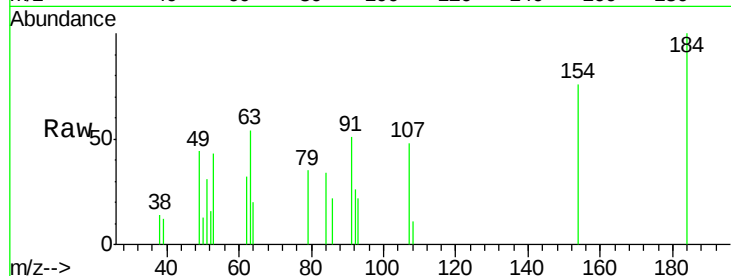




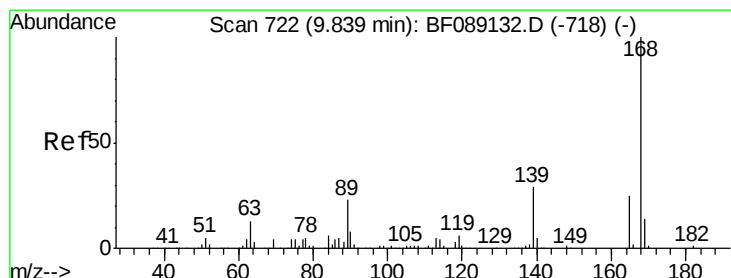
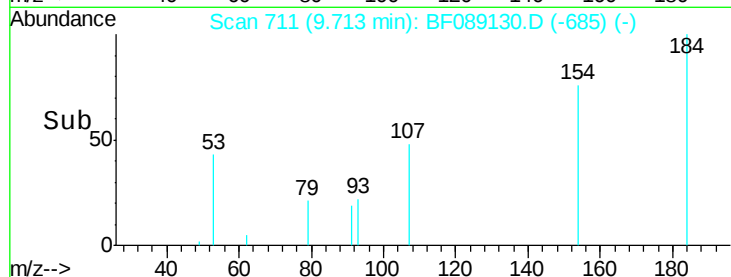
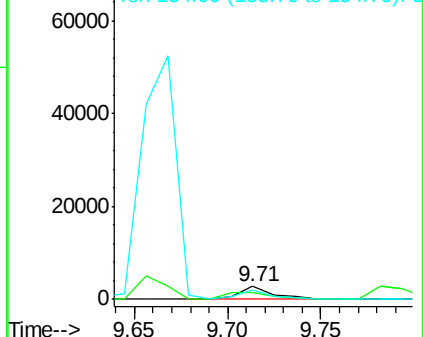
#53
2,4-Dinitrophenol
Concen: 4.57 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 3402
Ion Ratio Lower Upper
184 100
63 54.3 60.3 90.5#
154 75.9 60.7 91.1

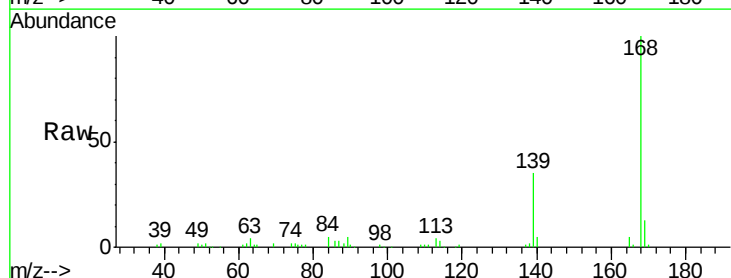


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

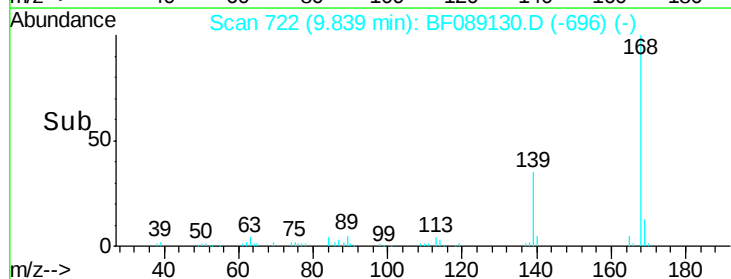
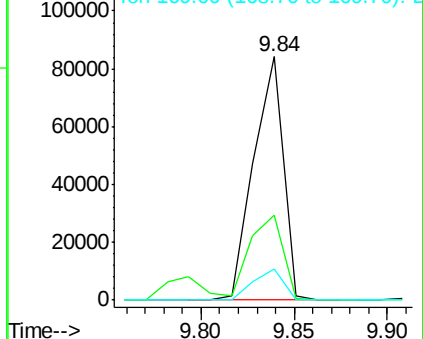


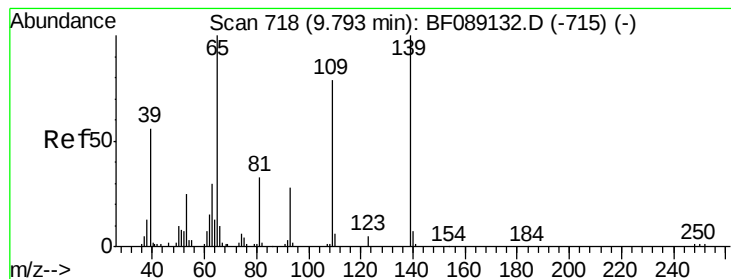
#54
Dibenzofuran
Concen: 10.54 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:168 Resp: 91882
Ion Ratio Lower Upper
168 100
139 35.1 34.4 51.6
169 12.6 10.8 16.2



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: 8.04 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

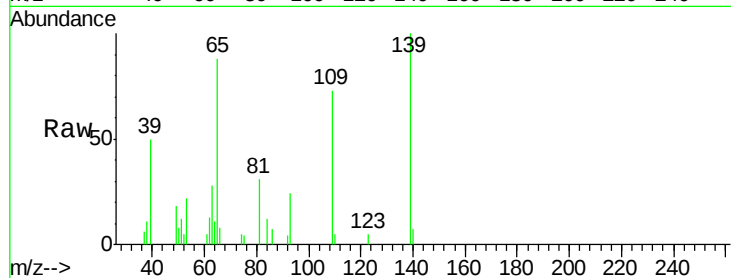
Tot Ion:139 Resp: 12439

Ion Ratio Lower Upper

139 100

109 73.3 58.7 98.7

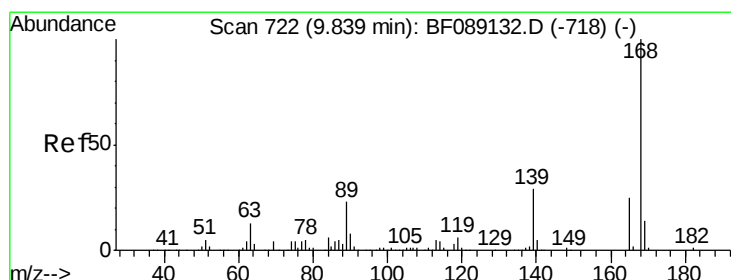
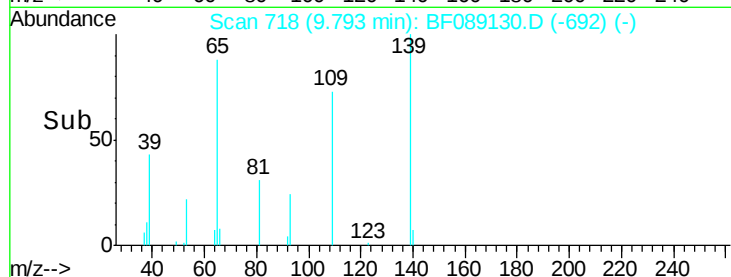
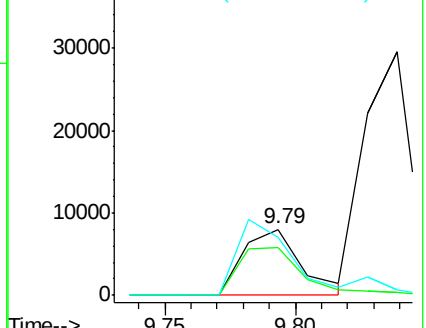
65 87.7 80.2 120.2



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): E



#56

2,4-Dinitrotoluene

Concen: 11.02 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Tgt Ion:165 Resp: 24251

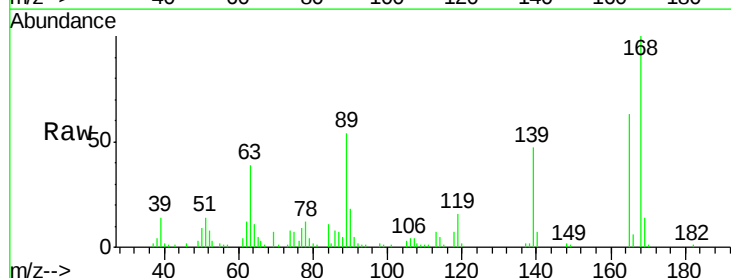
Ion Ratio Lower Upper

165 100

63 61.7 55.4 83.2

89 86.7 74.3 111.5

182 2.4 2.0 3.0

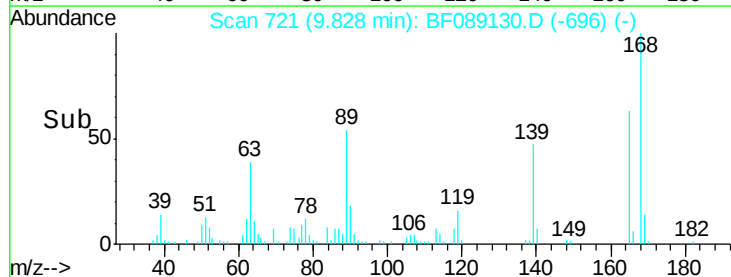
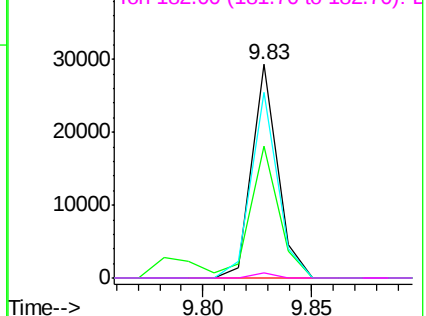


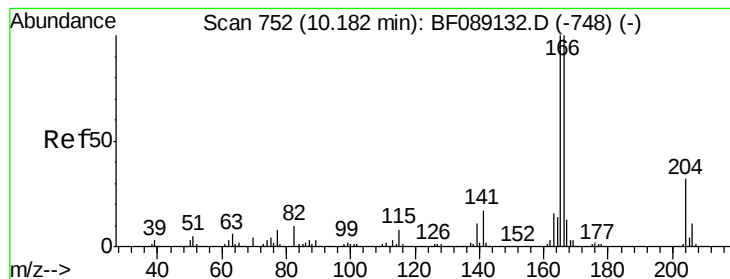
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.01 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

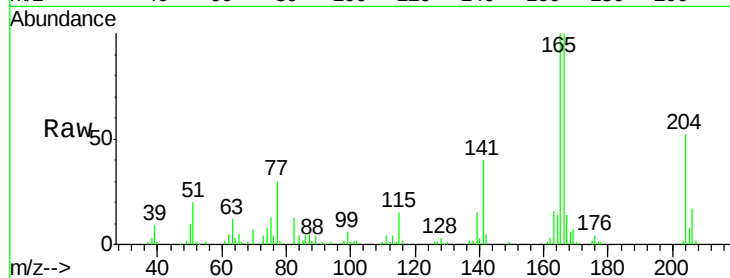
Tot Ion:166 Resp: 76516

Ion Ratio Lower Upper

166 100

165 100.3 79.9 119.9

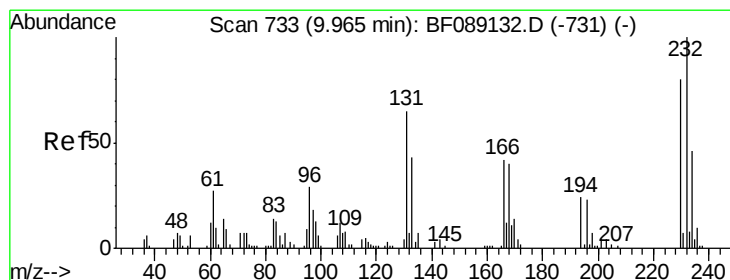
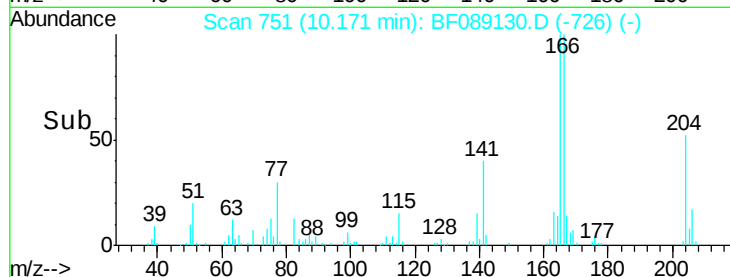
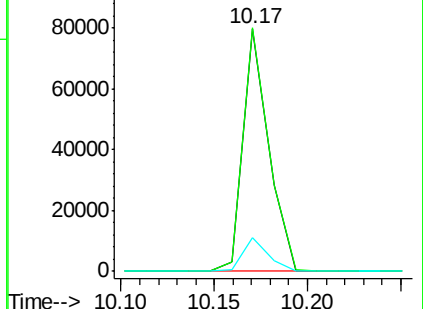
167 13.7 10.7 16.1



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: 9.78 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.05 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Tgt Ion:232 Resp: 15036

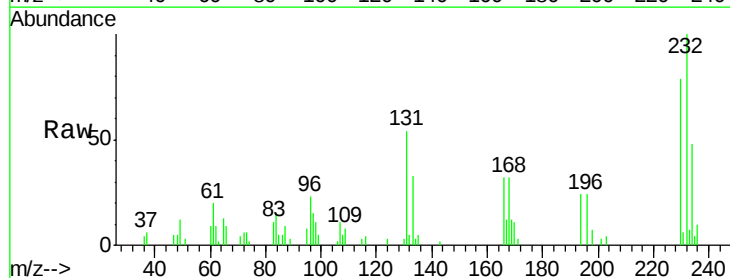
Ion Ratio Lower Upper

232 100

131 52.4 46.2 69.2

130 2.4 2.3 3.5

166 31.0 29.5 44.3

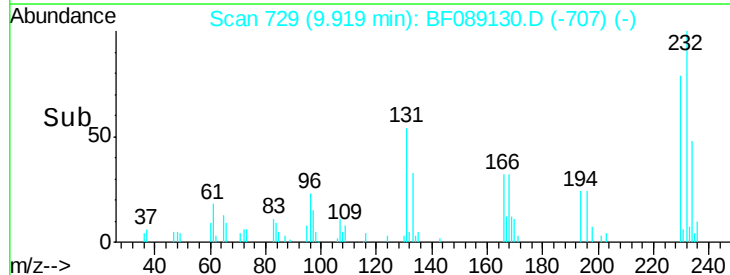
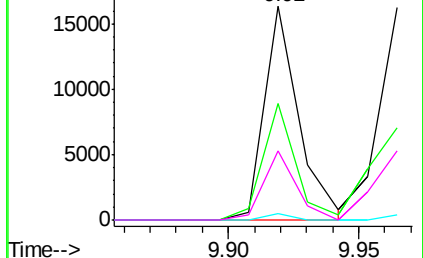


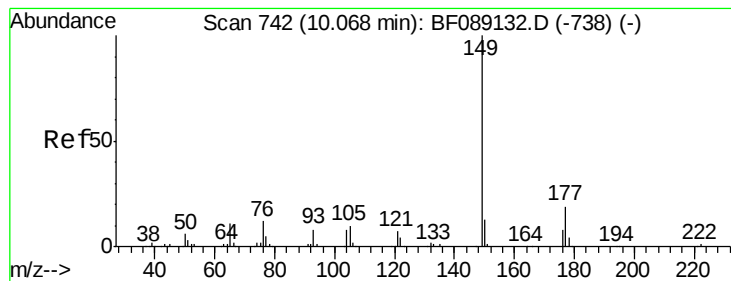
Abundance Ion 232.00 (231.70 to 232.70): E

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: 10.40 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

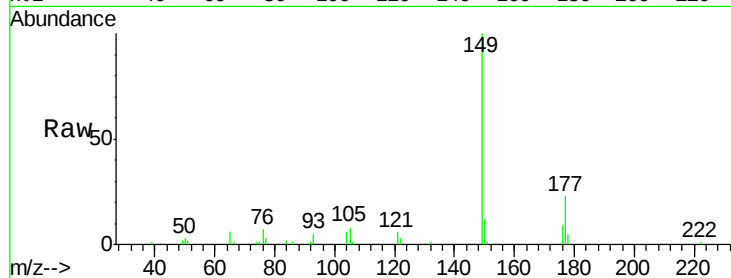
Tot Ion:149 Resp: 78139

Ion Ratio Lower Upper

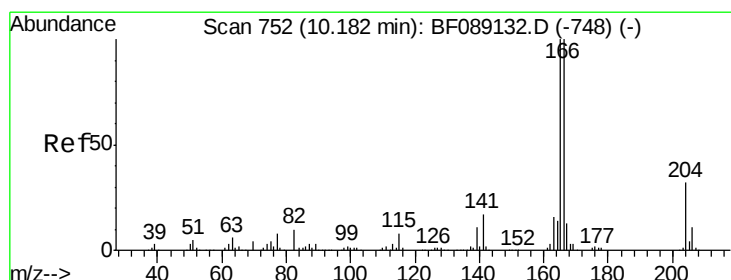
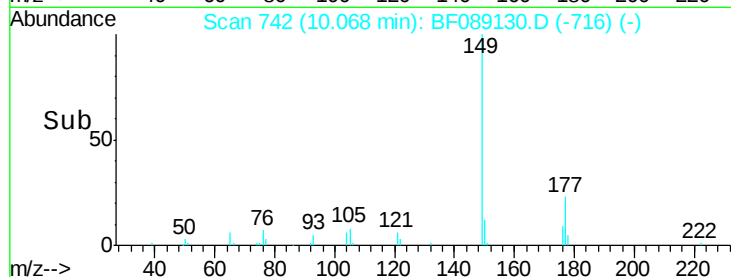
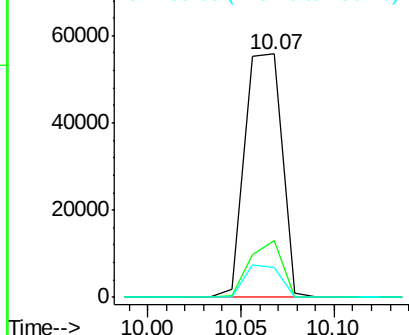
149 100

177 23.4 15.6 23.4

150 12.0 10.1 15.1



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: 11.37 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

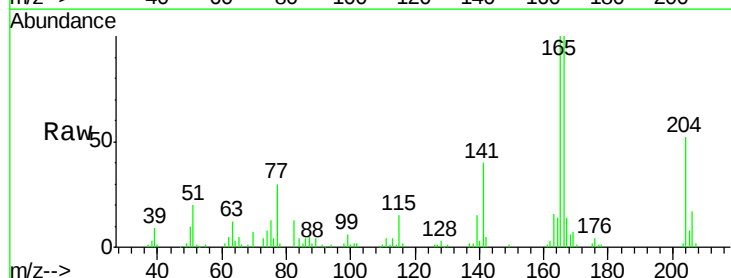
Tgt Ion:204 Resp: 36194

Ion Ratio Lower Upper

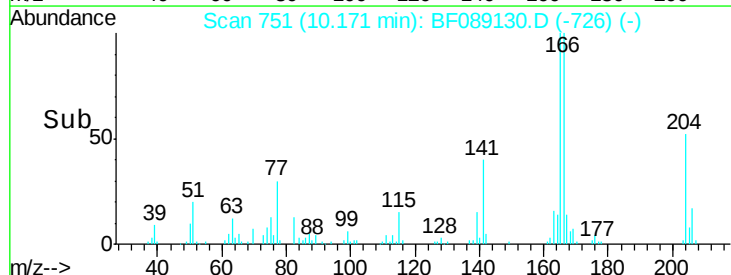
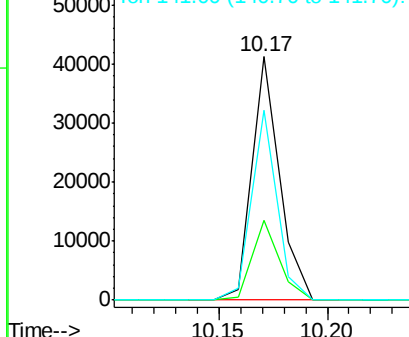
204 100

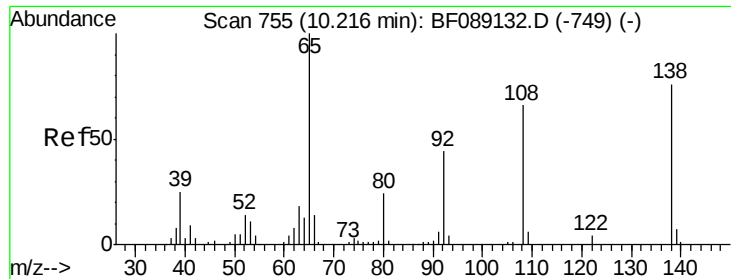
206 33.0 26.2 39.4

141 78.0 42.2 63.4#



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

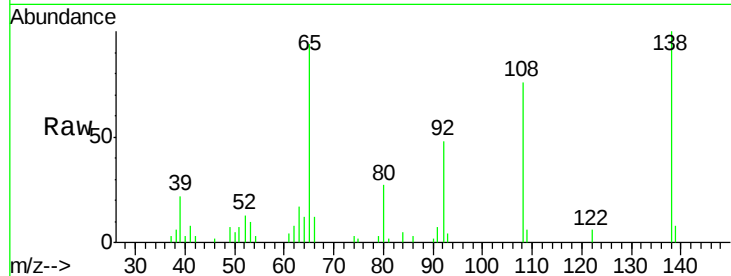




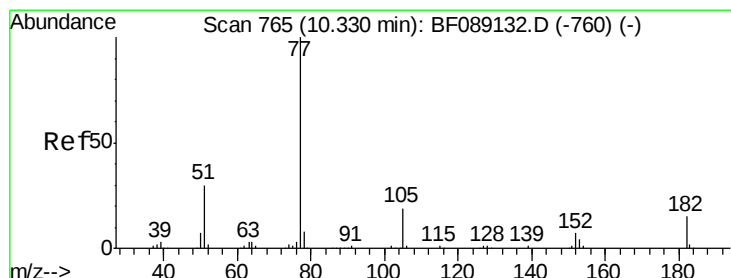
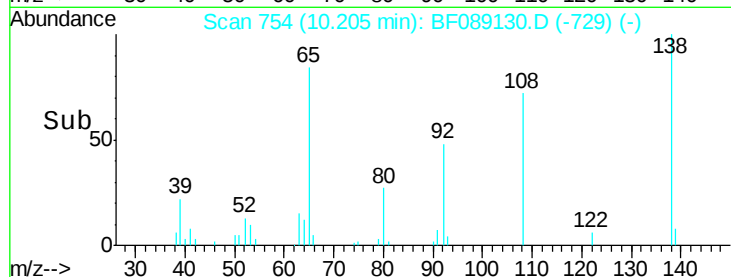
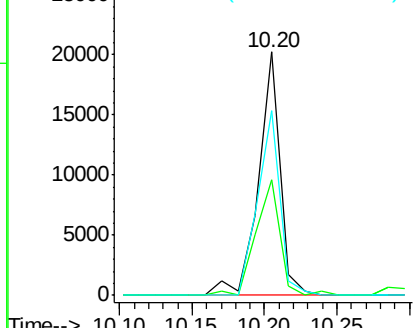
#61
4-Nitroaniline
Concen: 10.23 ng
RT: 10.20 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 20971
Ion Ratio Lower Upper
138 100
92 47.6 37.2 77.2
108 75.9 66.1 106.1

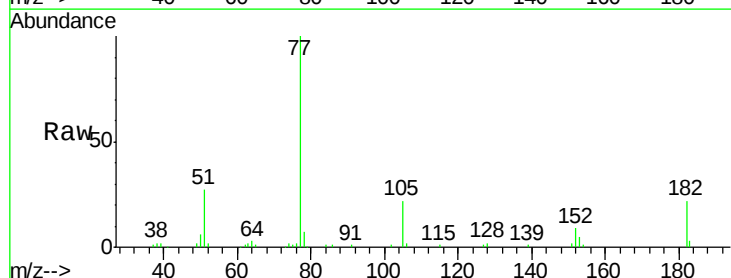


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

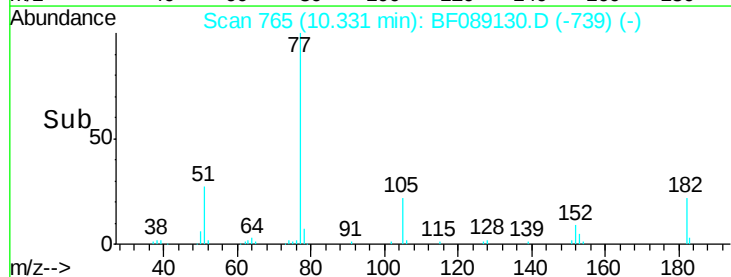
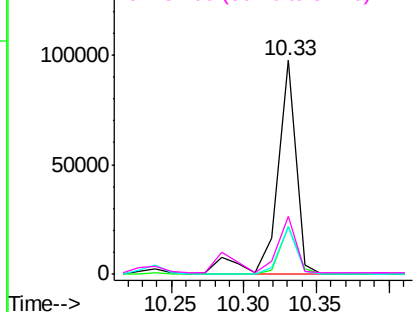


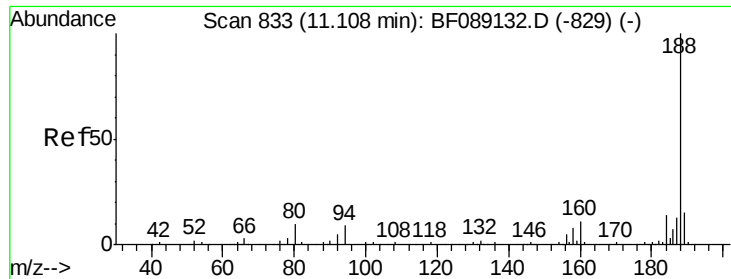
#62
Azobenzene
Concen: 10.57 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion: 77 Resp: 90074
Ion Ratio Lower Upper
77 100
182 22.1 0.0 35.0
105 22.0 0.0 39.4
51 26.9 10.7 50.7



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

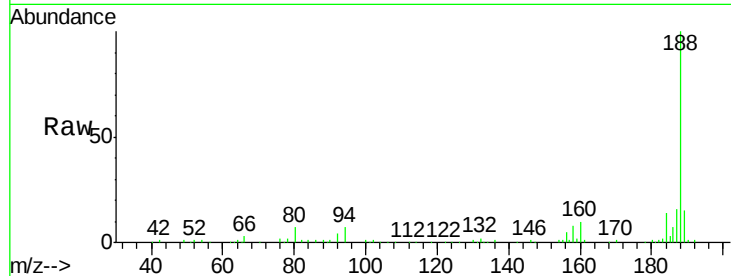




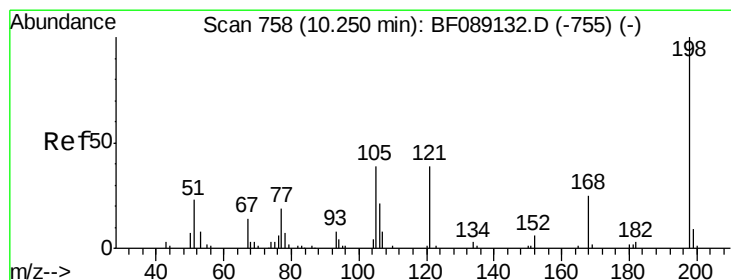
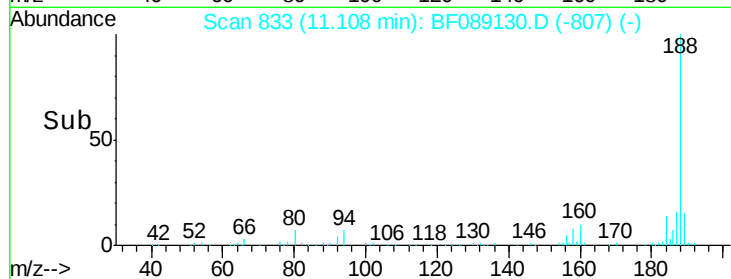
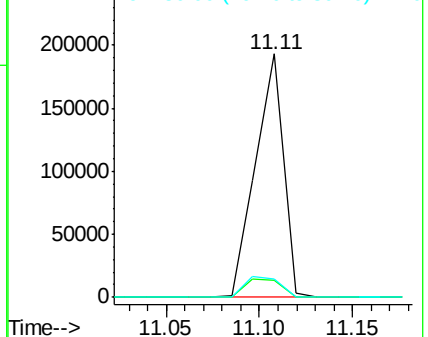
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 199933
Ion Ratio Lower Upper
188 100
94 7.1 7.0 10.4
80 7.4 7.7 11.5#

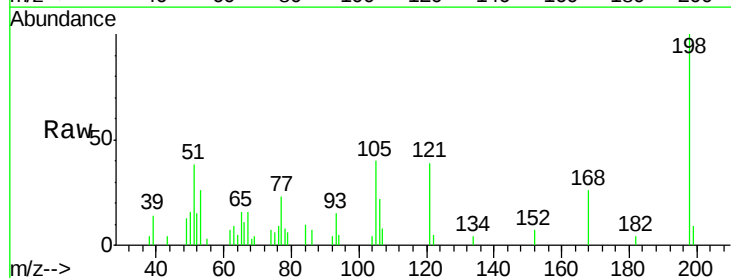


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

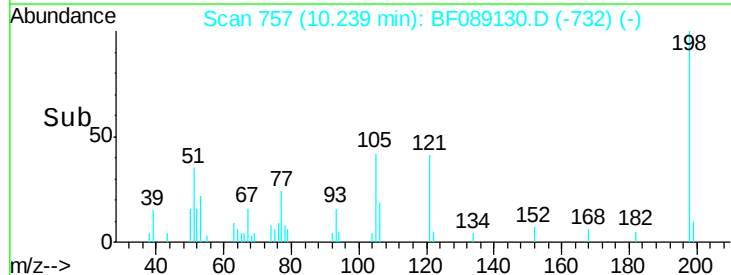
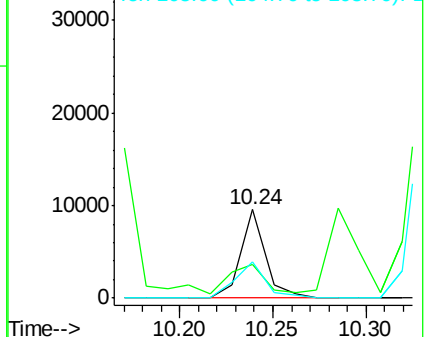


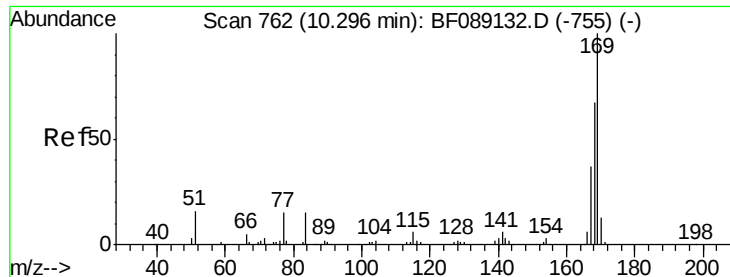
#64
4,6-Dinitro-2-methylphenol
Concen: 8.19 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:198 Resp: 8827
Ion Ratio Lower Upper
198 100
51 37.5 11.7 51.7
105 40.4 20.3 60.3



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: 10.15 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

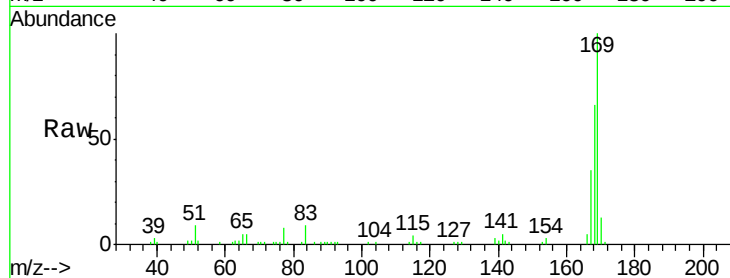
Tot Ion:169 Resp: 67492

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.0

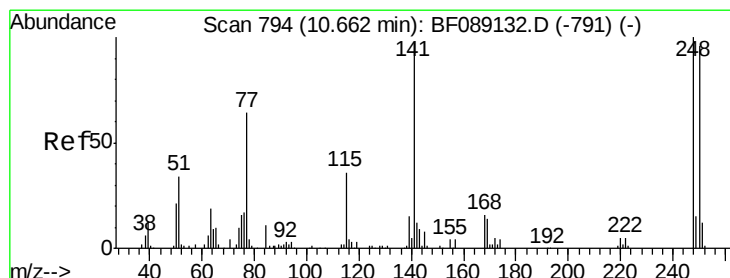
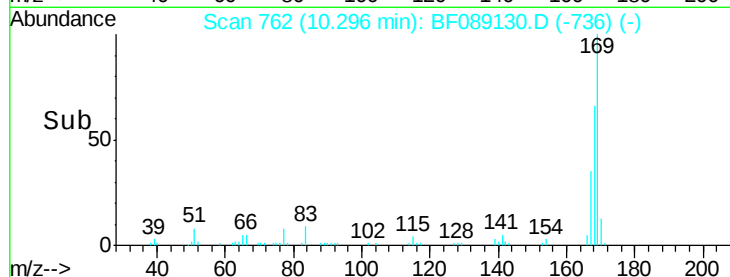
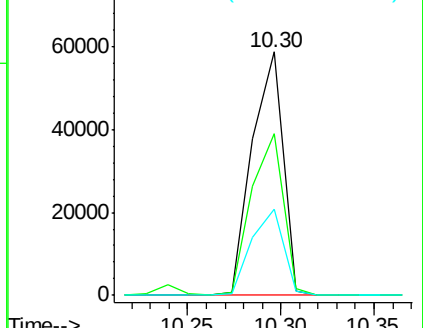
167 35.3 29.5 44.3



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: 10.23 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

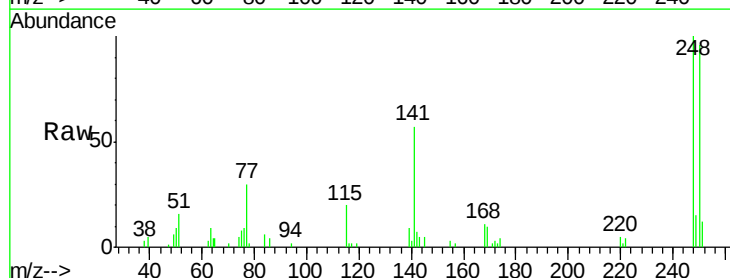
Tgt Ion:248 Resp: 20591

Ion Ratio Lower Upper

248 100

250 95.8 76.9 115.3

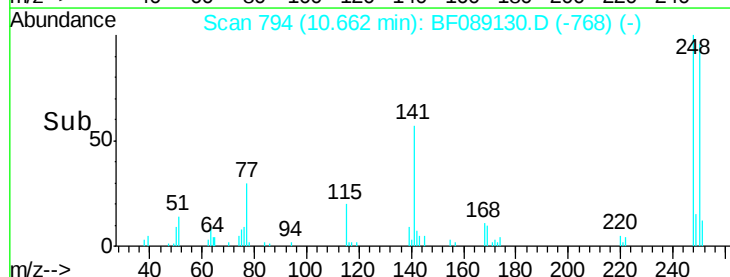
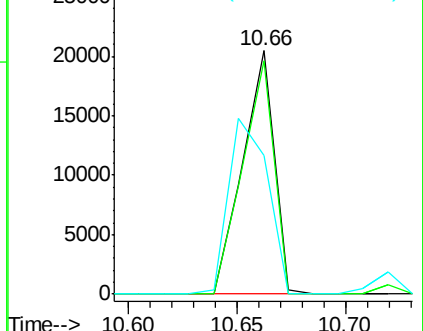
141 56.7 77.4 116.2#

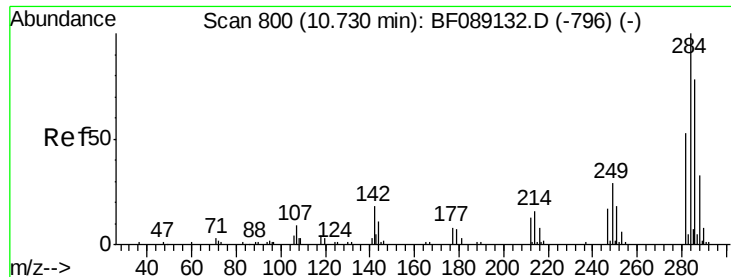


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

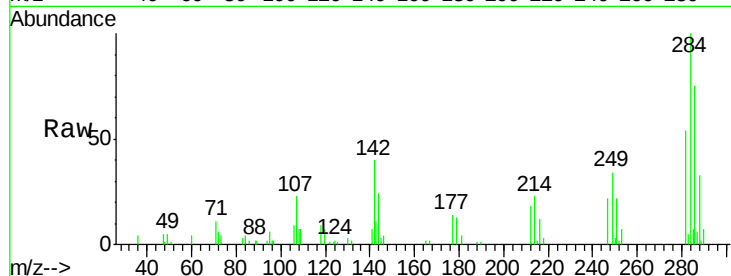




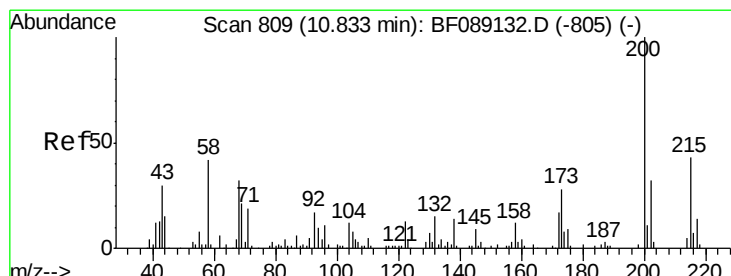
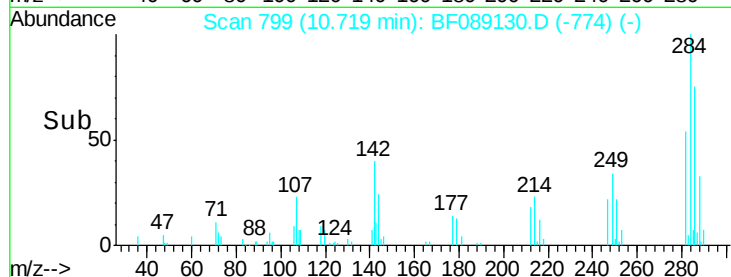
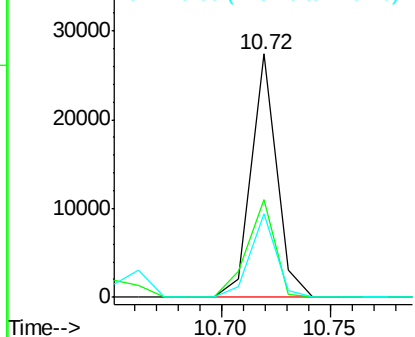
#67
Hexachlorobenzene
Concen: 10.17 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 22336
Ion Ratio Lower Upper
284 100
142 40.1 14.1 21.1#
249 34.3 23.0 34.4

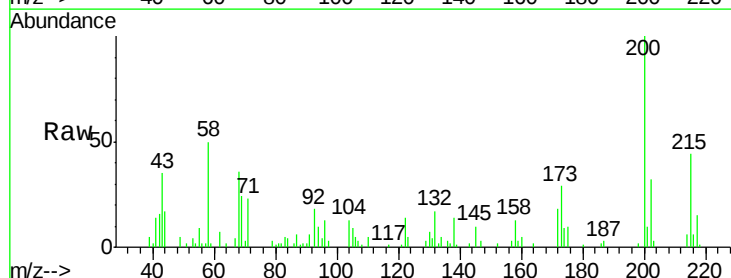


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

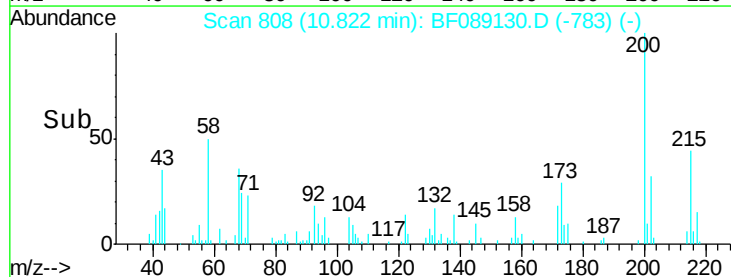
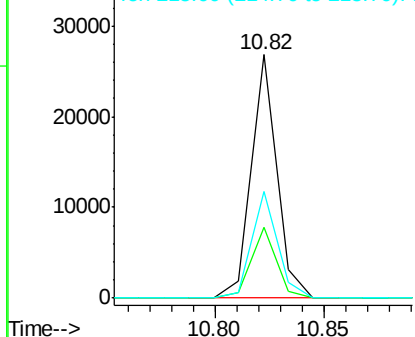


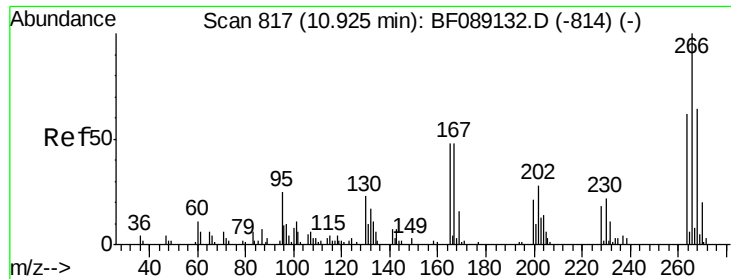
#68
Atrazine
Concen: 10.47 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:200 Resp: 21892
Ion Ratio Lower Upper
200 100
173 29.2 7.8 47.8
215 44.0 22.9 62.9



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

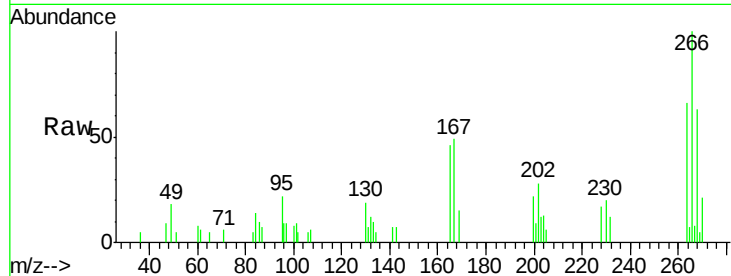




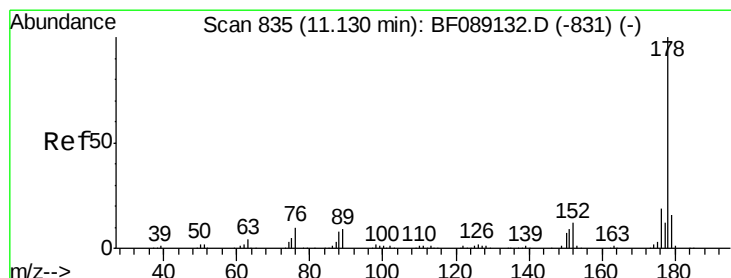
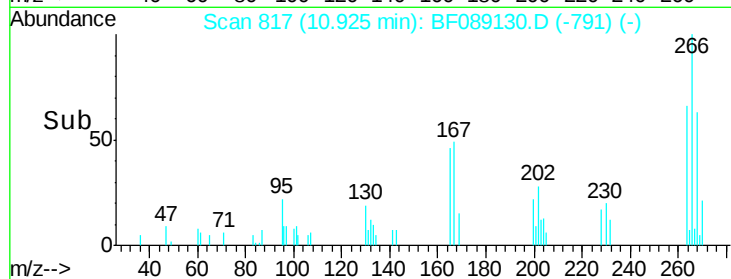
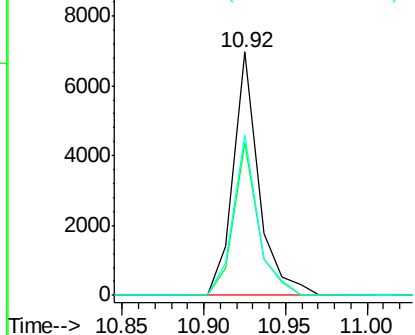
#69
 Pentachlorophenol
 Concen: 5.96 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 7541
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.2 76.8
 264 65.9 49.7 74.5

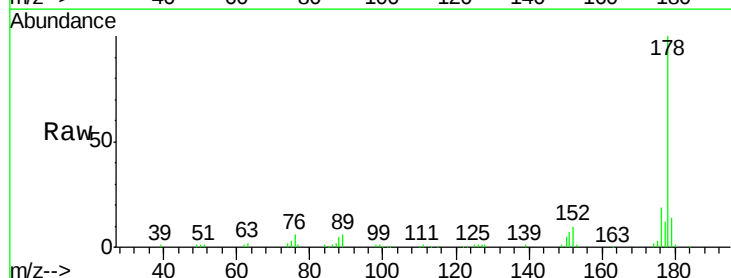


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

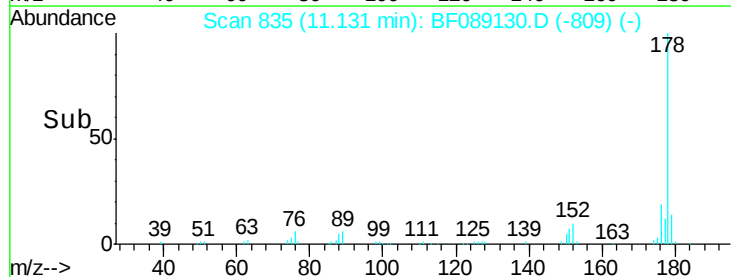
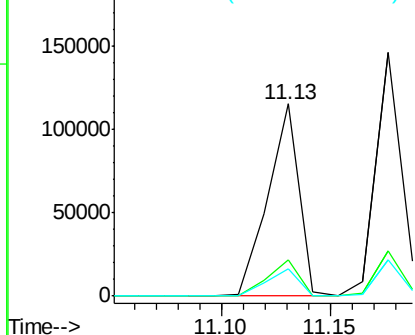


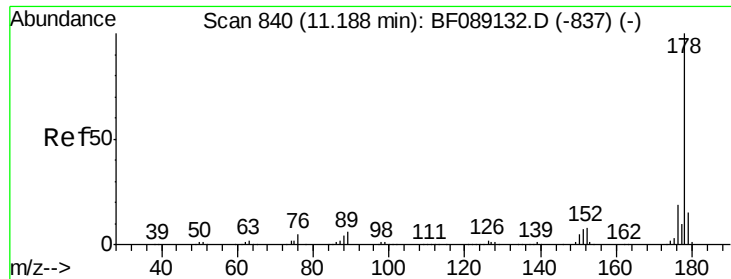
#70
 Phenanthrene
 Concen: 10.58 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:178 Resp: 115249
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.6 23.4
 179 14.5 12.4 18.6



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

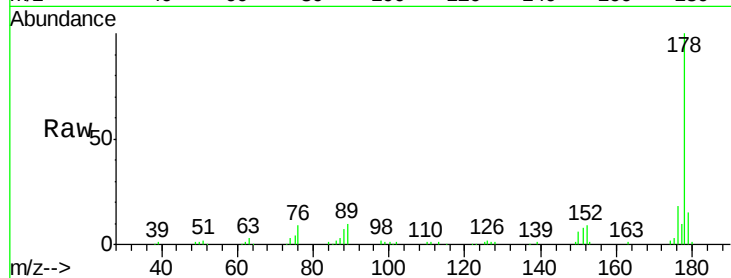




#71
 Anthracene
 Concen: 11.03 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

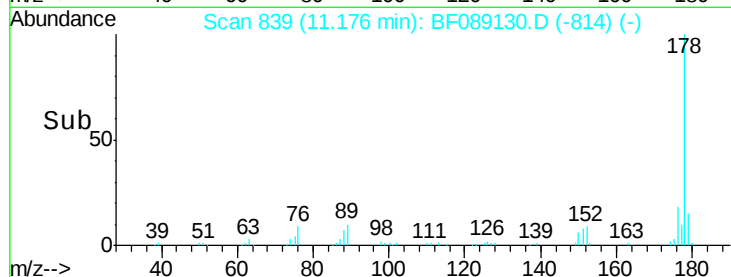
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 120722
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.9 22.3
 179 14.9 12.0 18.0

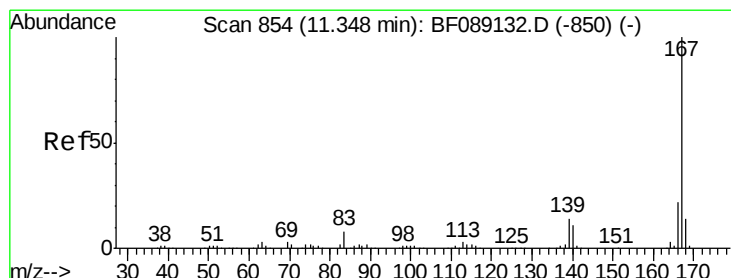


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

11.18

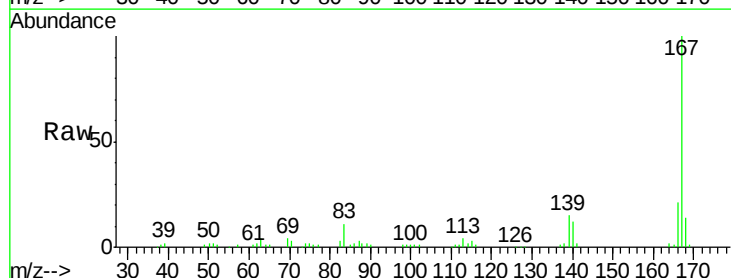


Time-->



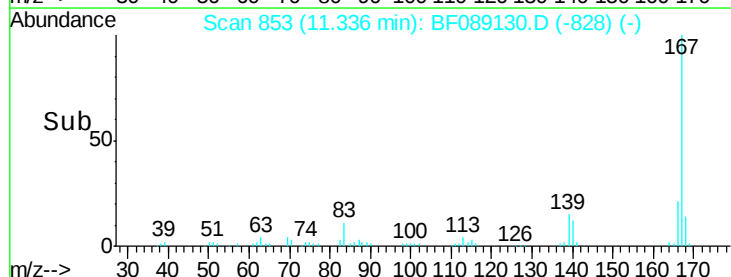
#72
 Carbazole
 Concen: 9.92 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:167 Resp: 103199
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 15.0 11.0 16.4

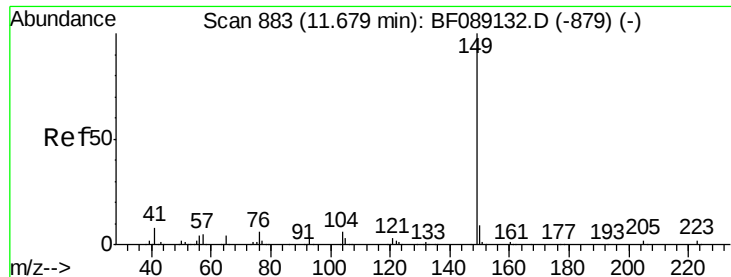


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

11.34



Time-->



#73

Di-n-butylphthalate

Concen: 11.38 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

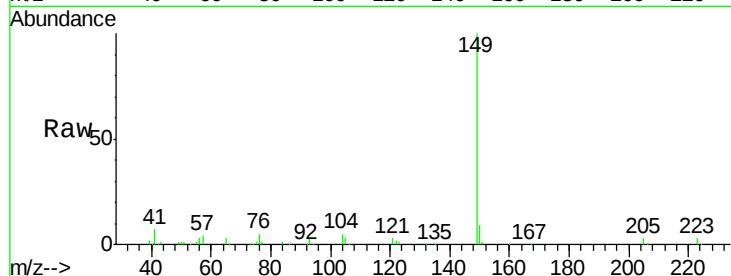
Tot Ion:149 Resp: 135289

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.2

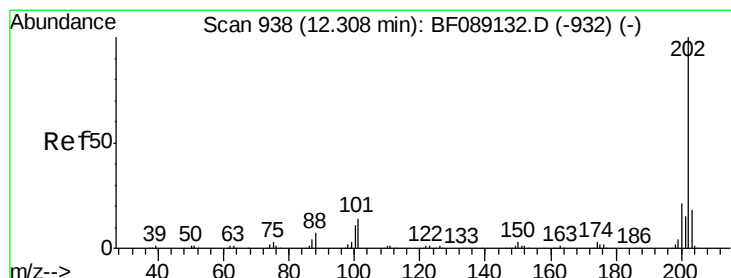
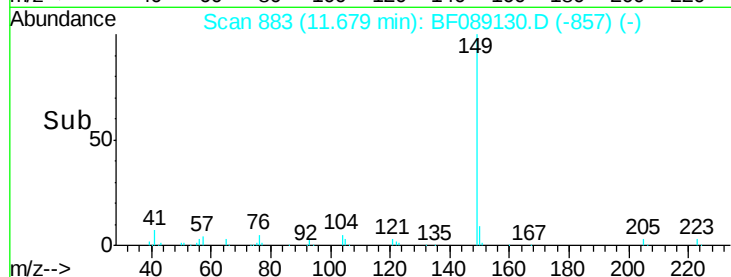
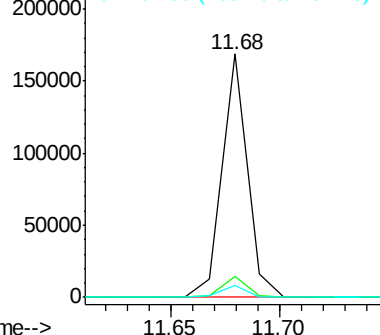
104 5.1 4.6 6.8



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: 11.62 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

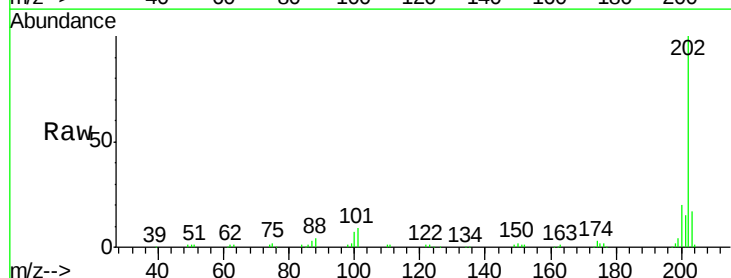
Tgt Ion:202 Resp: 126738

Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.0

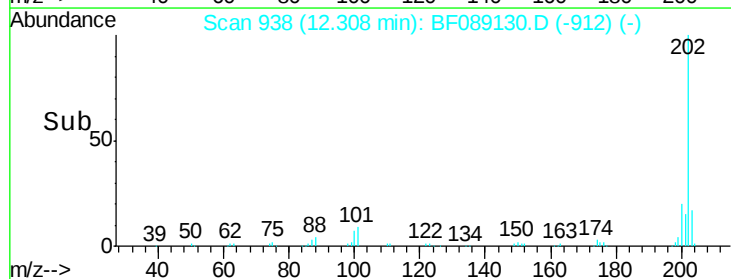
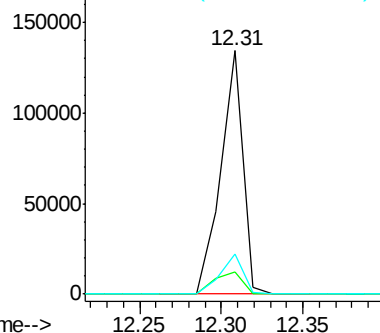
203 16.5 0.0 37.8

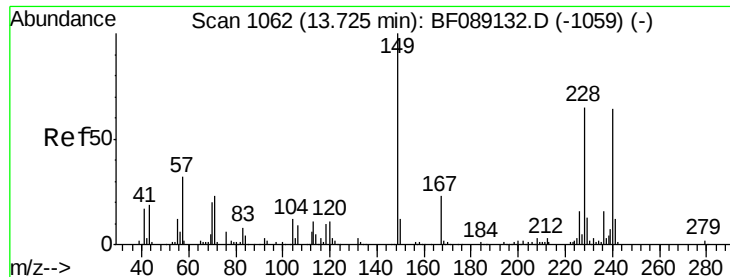


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampled :

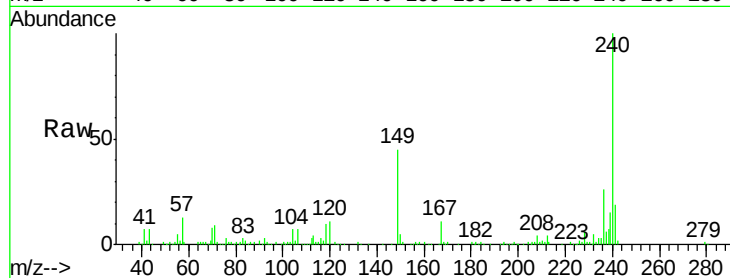
Tot Ion:240 Resp: 163320

Ion Ratio Lower Upper

240 100

120 10.7 13.6 20.4#

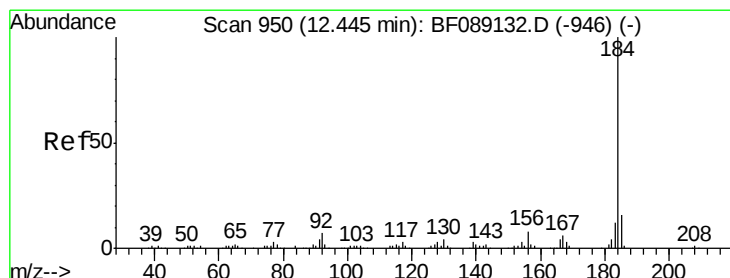
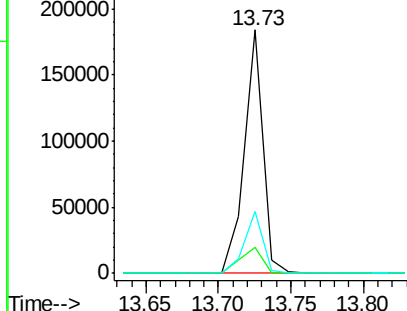
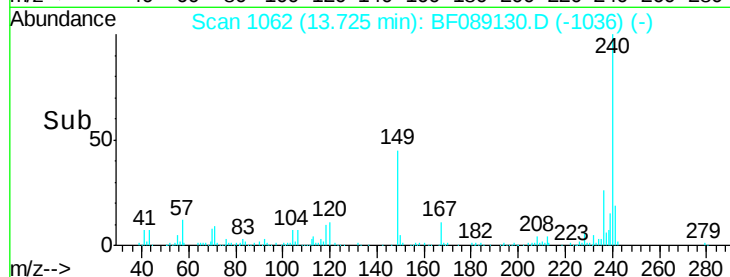
236 25.6 20.5 30.7



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: 7.35 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

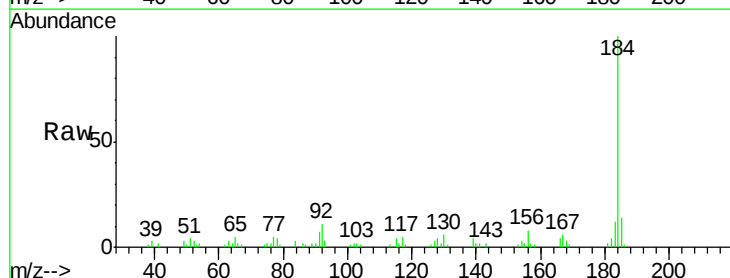
Tgt Ion:184 Resp: 57660

Ion Ratio Lower Upper

184 100

185 13.9 12.5 18.7

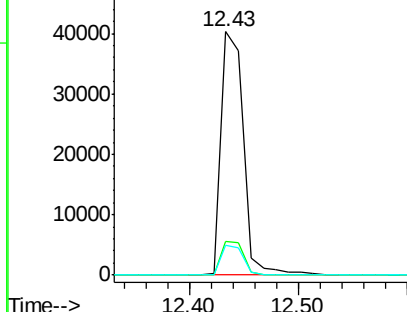
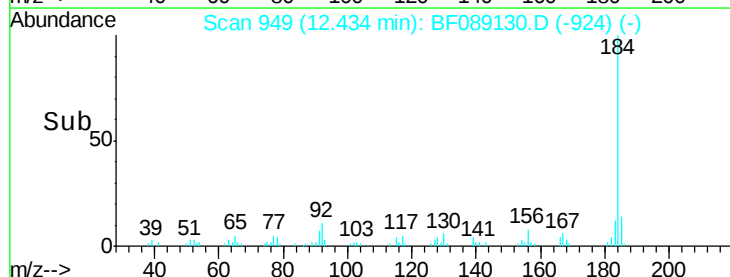
183 12.2 9.6 14.4

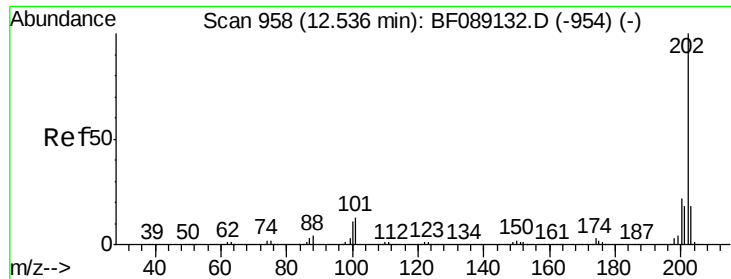


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.05 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

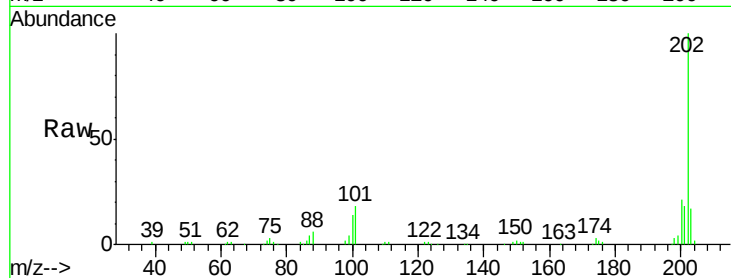
Tot Ion:202 Resp: 124159

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.0

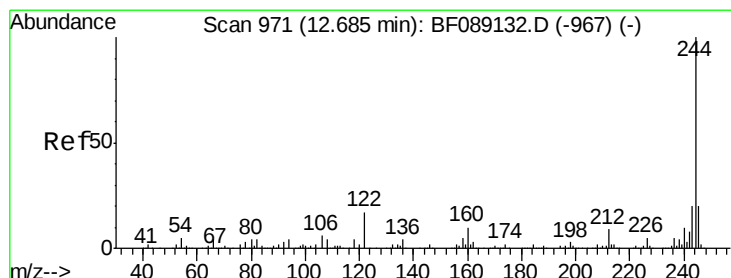
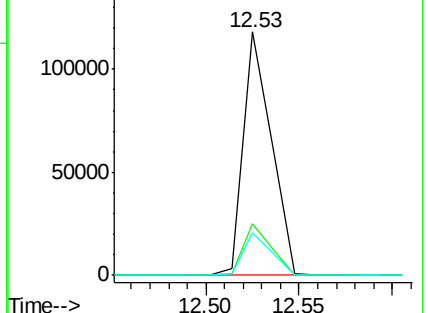
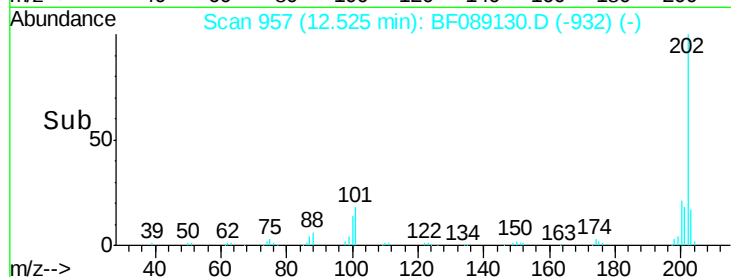
203 17.4 14.2 21.2



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: 21.31 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

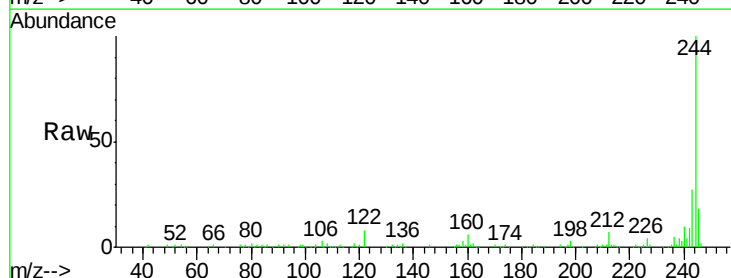
Tgt Ion:244 Resp: 155063

Ion Ratio Lower Upper

244 100

212 6.9 7.0 10.4#

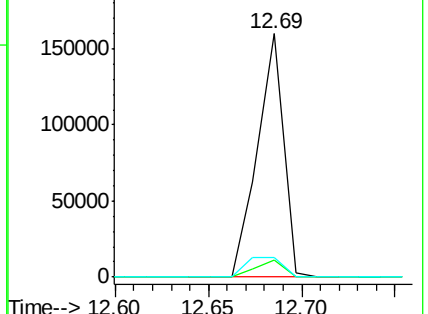
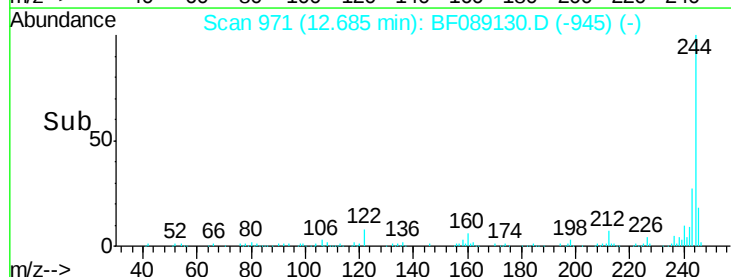
122 8.0 13.8 20.8#

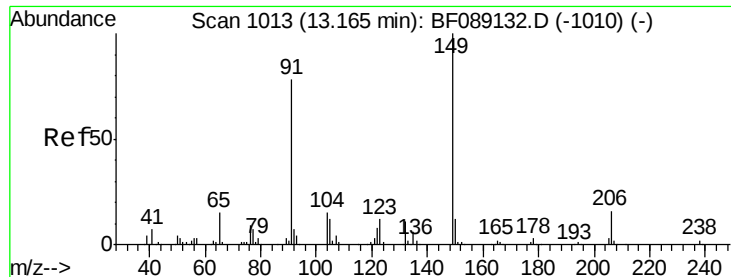


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

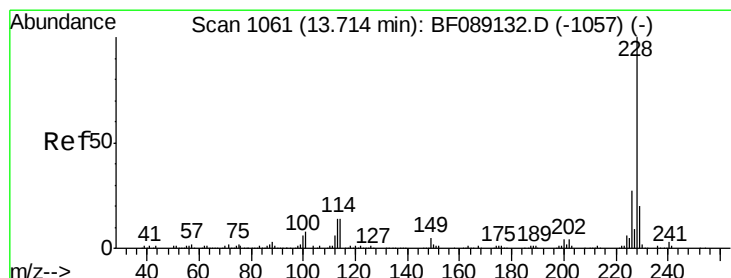
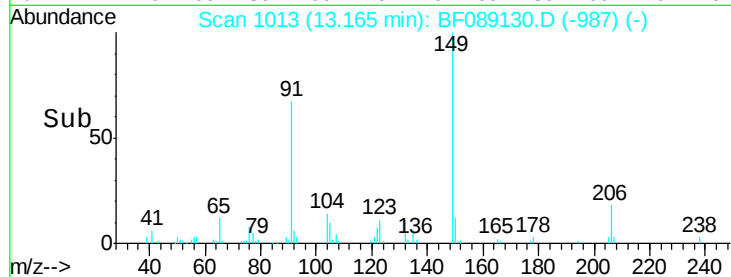
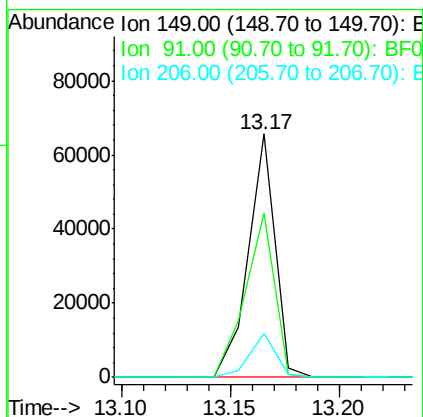
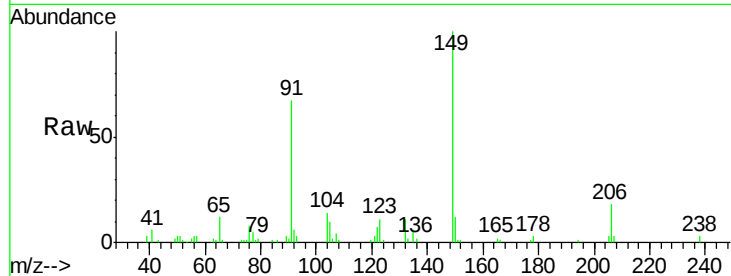




#79
Butylbenzylphthalate
Concen: 9.18 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

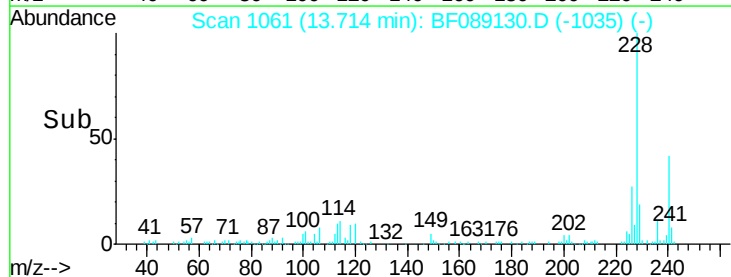
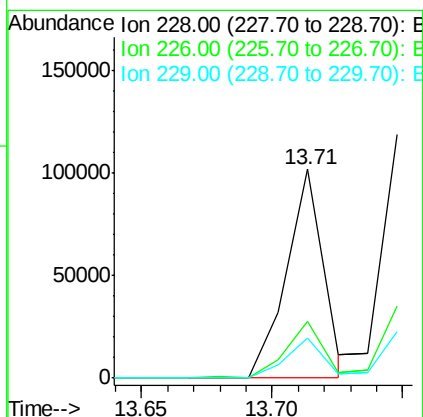
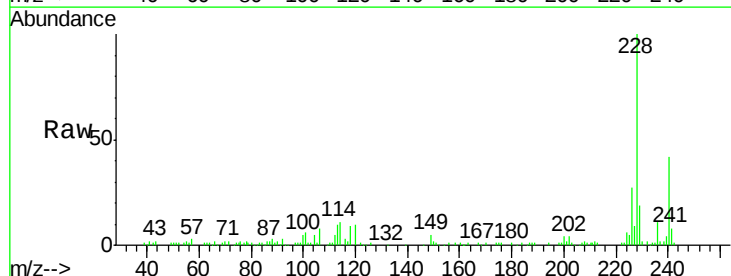
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 56139
Ion Ratio Lower Upper
149 100
91 67.3 62.6 93.8
206 18.3 13.2 19.8



#80
Benzo(a)anthracene
Concen: 9.53 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:228 Resp: 99657
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.2 15.8 23.8

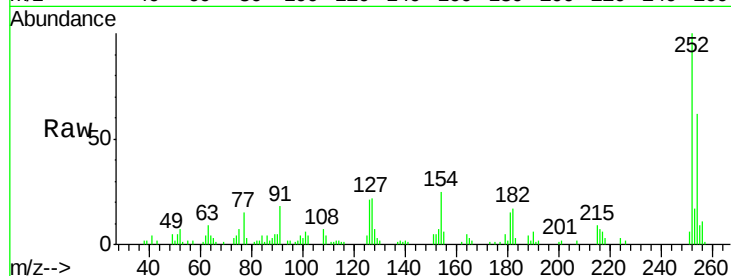




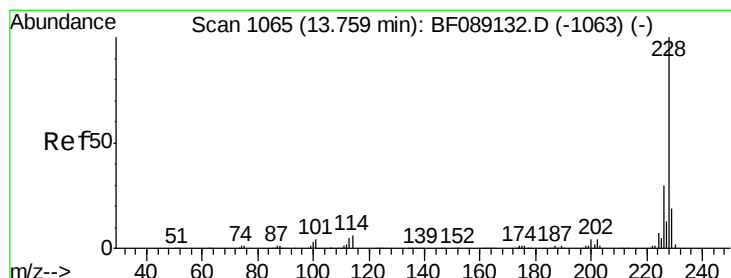
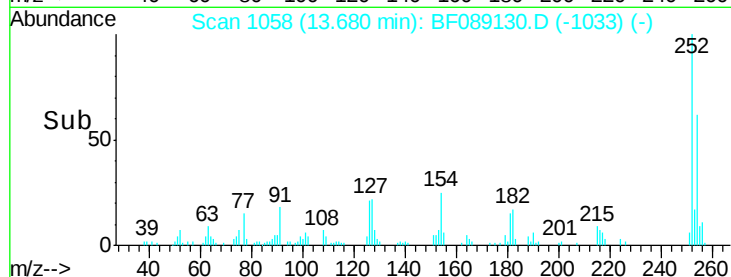
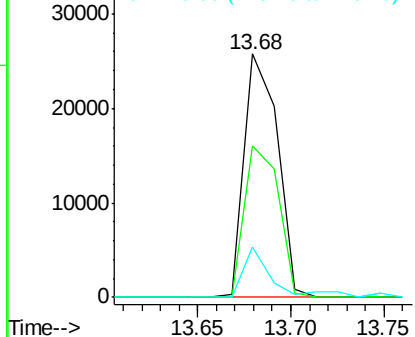
#81
 3,3'-Dichlorobenzidine
 Concen: 8.18 ng
 RT: 13.68 min Scan# 1058
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 32360
 Ion Ratio Lower Upper
 252 100
 254 62.1 50.4 75.6
 126 20.9 10.2 15.2#

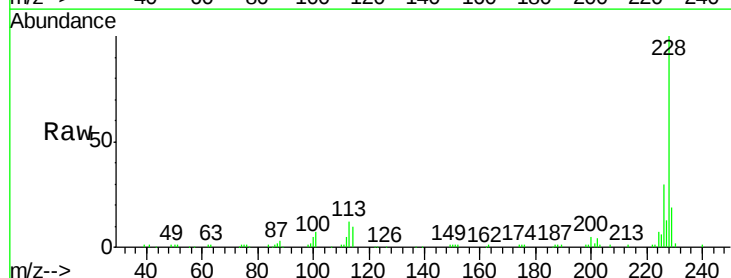


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

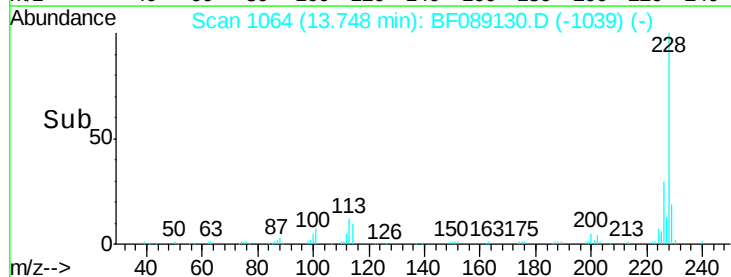
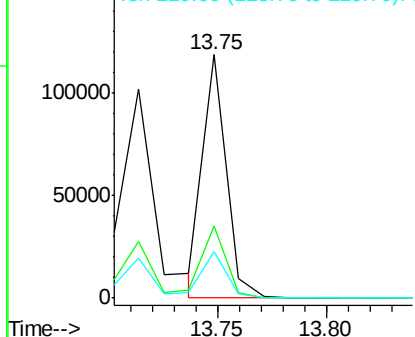


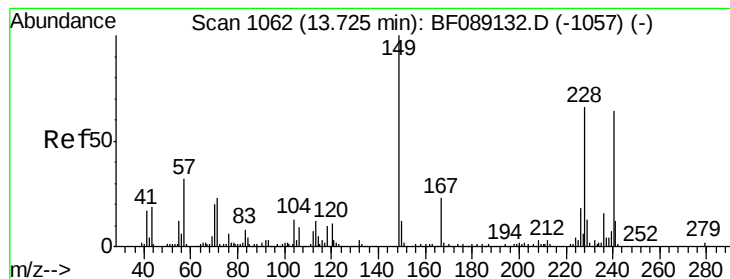
#82
 Chrysene
 Concen: 8.50 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Tgt Ion:228 Resp: 88483
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.8 35.8
 229 18.9 15.4 23.0



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: 10.47 ng

RT: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

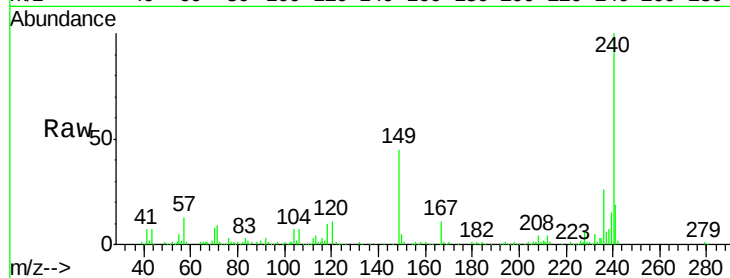
Tot Ion:149 Resp: 73526

Ion Ratio Lower Upper

149 100

167 23.5 18.6 28.0

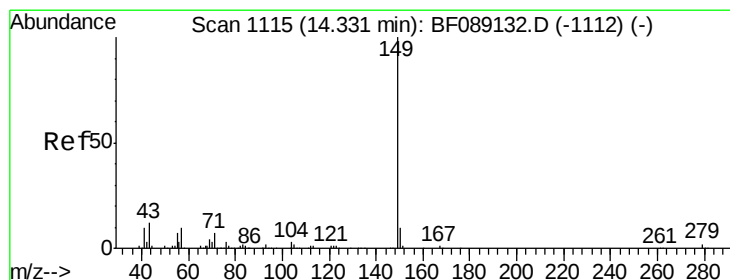
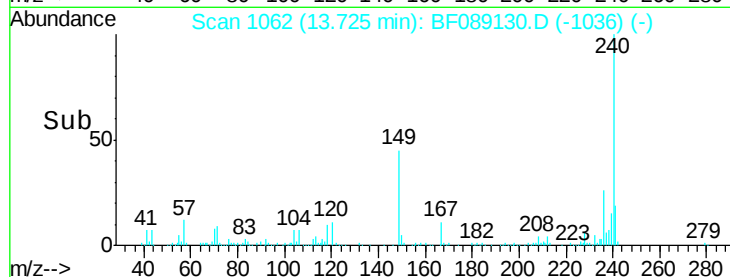
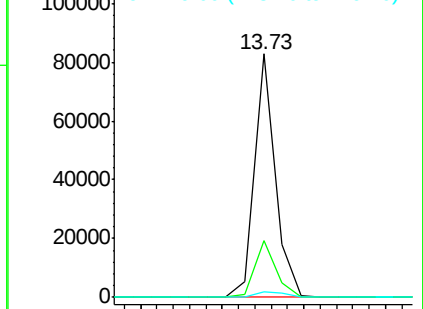
279 2.1 1.6 2.4



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: 9.91 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

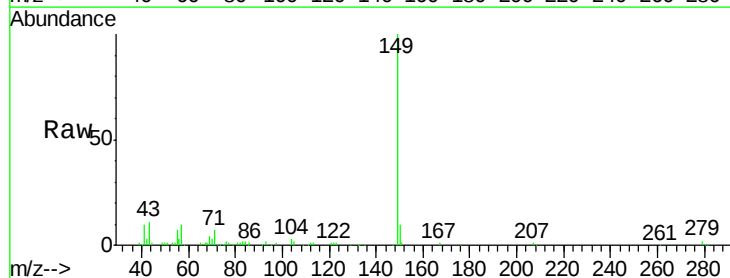
Tgt Ion:149 Resp: 118187

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

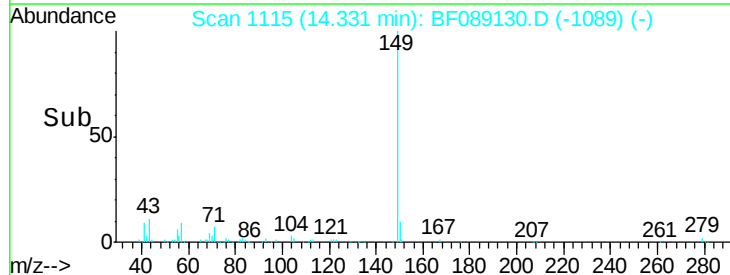
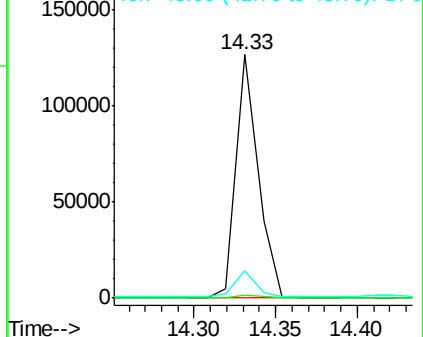
43 10.4 7.3 10.9

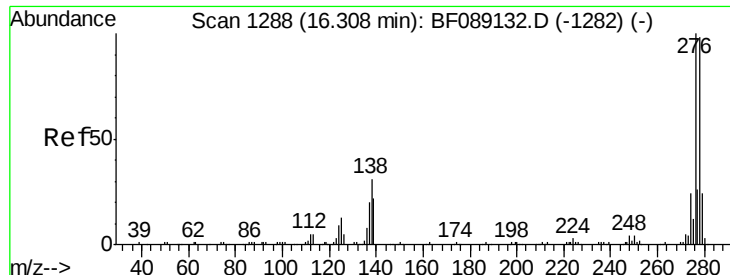


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

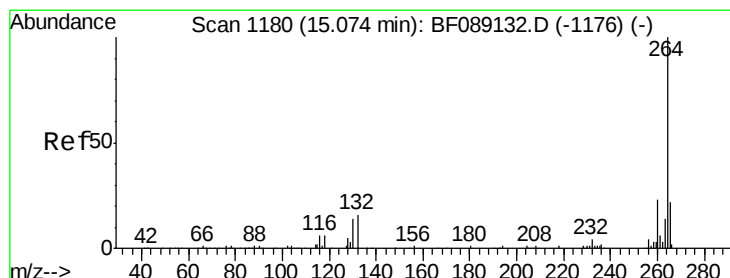
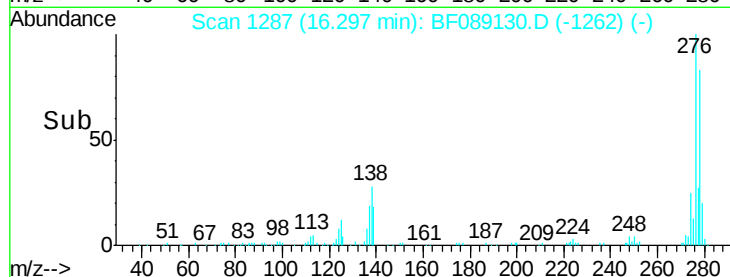
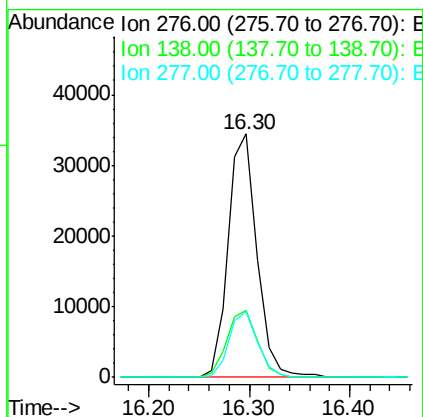
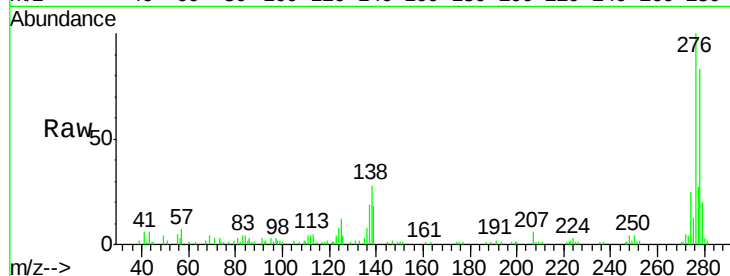




#85
Indeno(1,2,3-cd)pyrene
Concen: 8.59 ng
RT: 16.30 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

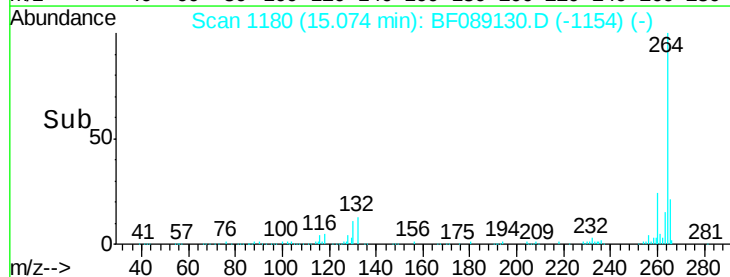
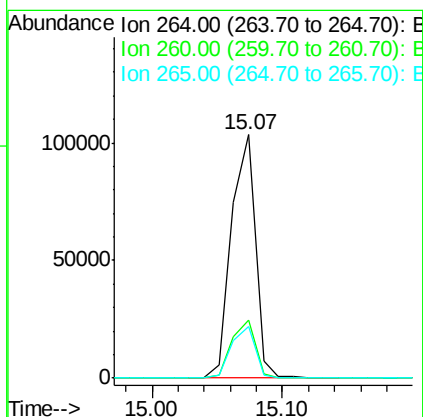
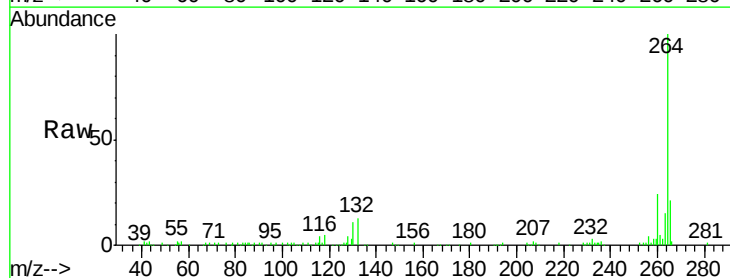
Instrument :
BNA_F
ClientSampleId :

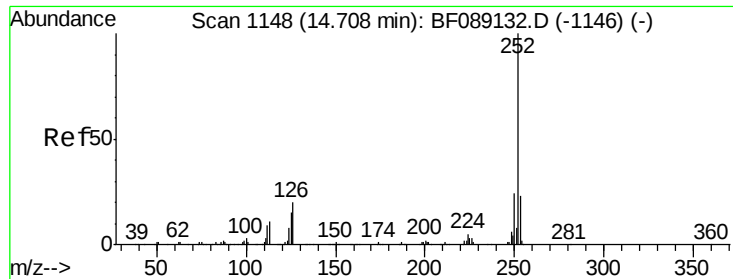
Tot Ion:276 Resp: 68176
Ion Ratio Lower Upper
276 100
138 29.4 23.7 35.5
277 27.0 20.6 31.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion:264 Resp: 132439
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.1 17.3 25.9

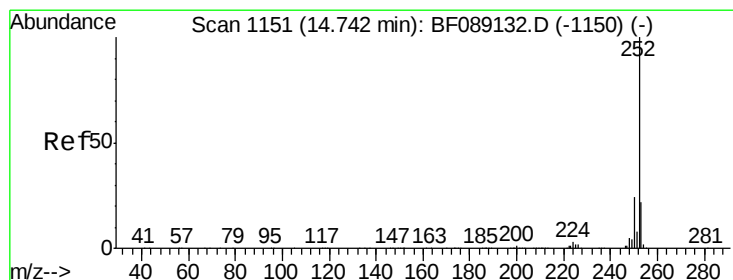
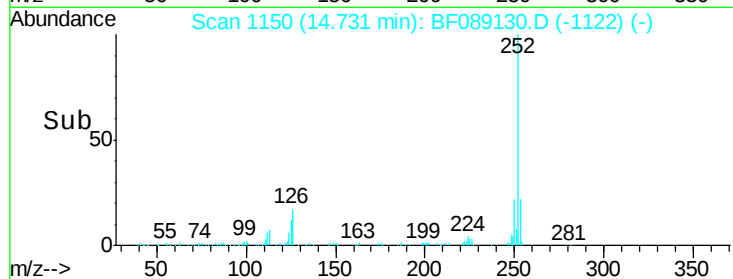
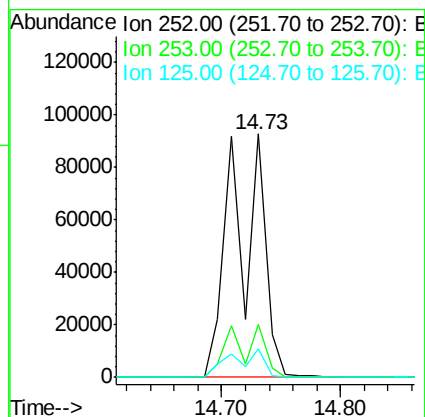
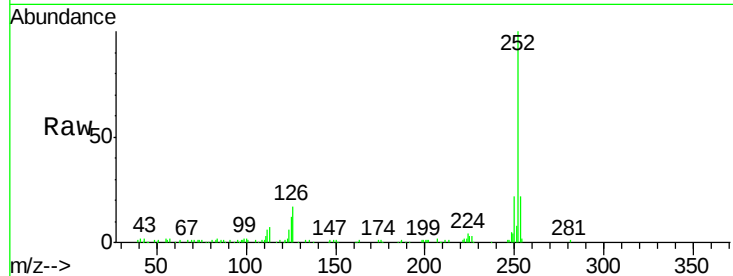




#87
Benzo(b)fluoranthene
Concen: 19.48 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

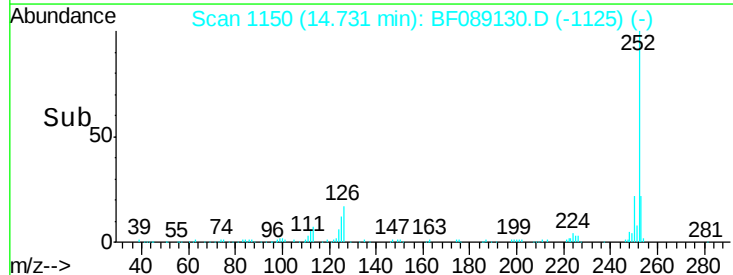
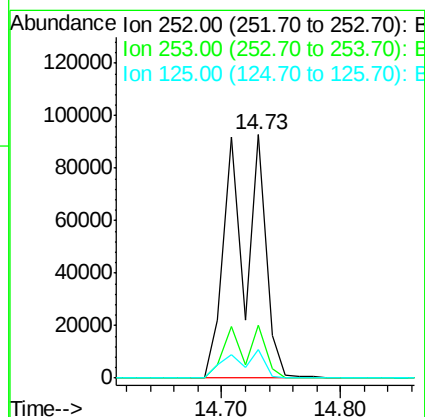
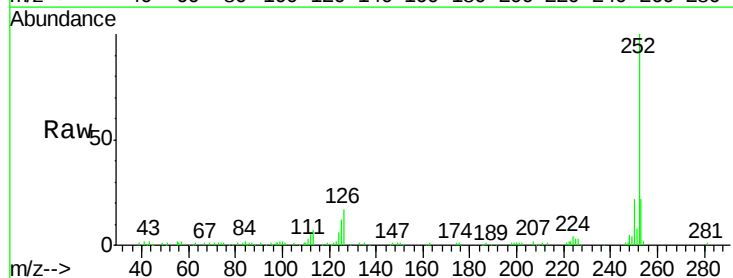
Instrument :
BNA_F
ClientSampleId :

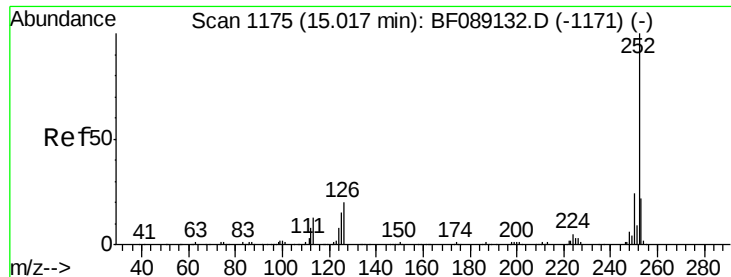
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	11.9	11.9	17.9



#88
Benzo(k)fluoranthene
Concen: 24.42 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF089130.D
Acq: 20 Jul 2016 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.9	6.3	9.5





#89

Benzo(a)pyrene

Concen: 10.95 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

Instrument :

BNA_F

ClientSampleId :

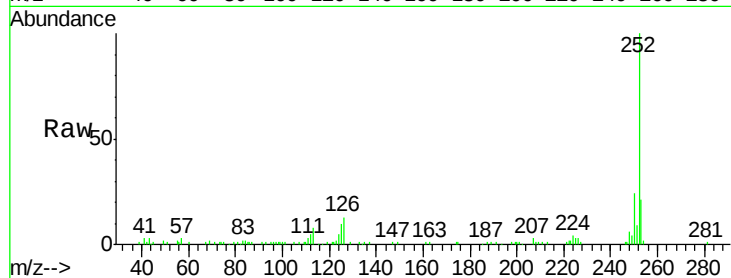
Tot Ion:252 Resp: 77187

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

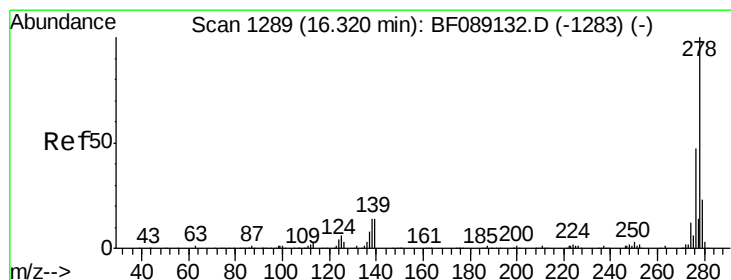
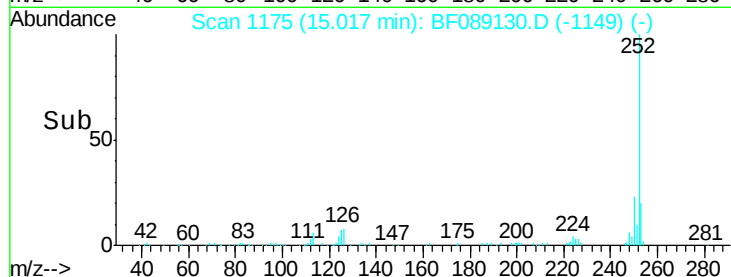
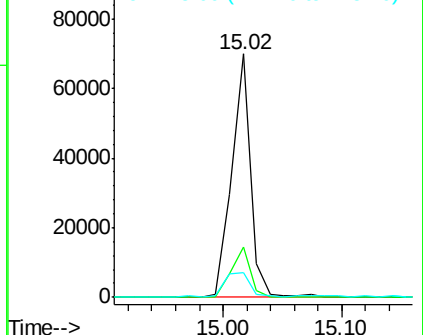
125 10.2 12.4 18.6#



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: 9.89 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089130.D

Acq: 20 Jul 2016 12:34

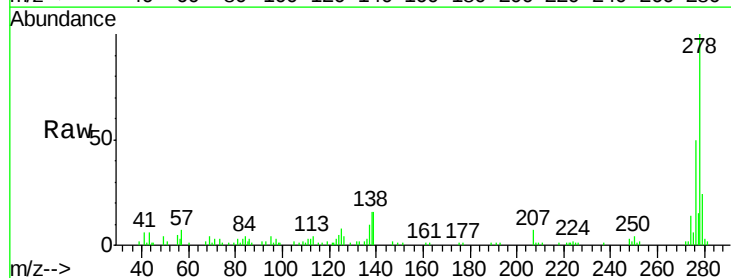
Tgt Ion:278 Resp: 58050

Ion Ratio Lower Upper

278 100

139 16.2 11.4 17.2

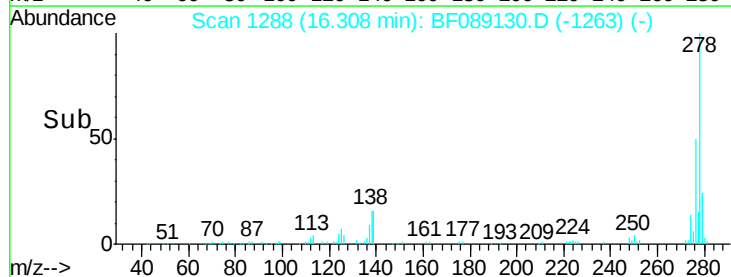
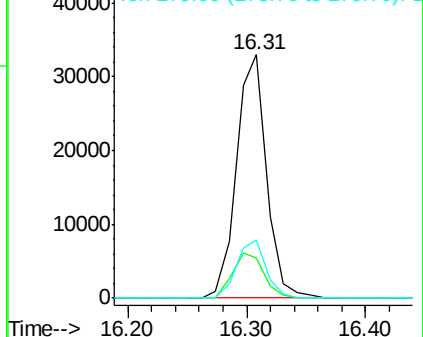
279 24.1 18.4 27.6

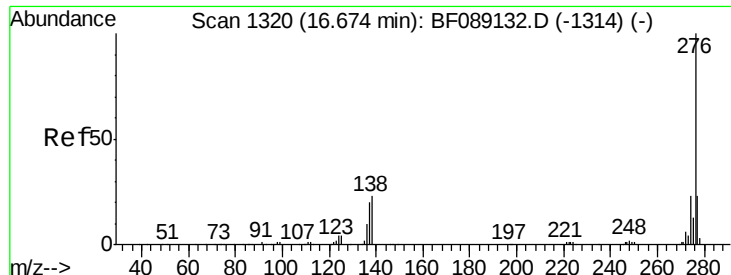


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

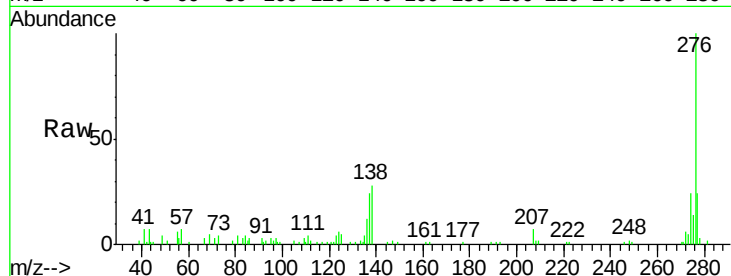




#91
 Benzo(a,h,i)perylene
 Concen: 9.61 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF089130.D
 Acq: 20 Jul 2016 12:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	276	Resp:	58116
Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.5	27.7
138	27.6	18.5	27.7



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

