

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072016\
 Data File : BF089136.D
 Acq On : 20 Jul 2016 17:13
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Quant Time: Jul 20 19:13:23 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 19:03:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47293	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	196746	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	98738	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	191423	20.00	ng	0.00
75) Chrysene-d12	13.73	240	144422	20.00	ng	0.00
86) Perylene-d12	15.07	264	116838	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	246204	79.18	ng	0.00
7) Phenol-d6	6.26	99	309407	77.16	ng	-0.01
23) Nitrobenzene-d5	7.18	82	299838	80.97	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	72283	81.31	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	591628	82.56	ng	0.00
78) Terphenyl-d14	12.69	244	449940	67.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	52304	38.74	ng	98
3) Pyridine	2.66	79	138752	40.45	ng	98
4) n-Nitrosodimethylamine	2.63	42	59455	41.18	ng	96
6) Aniline	6.26	93	208450	38.47	ng	# 88
8) 2-Chlorophenol	6.39	128	136995	39.70	ng	87
9) Benzaldehyde	6.15	77	83525	39.46	ng	99
10) Phenol	6.28	94	177472	38.41	ng	98
11) bis(2-Chloroethyl)ether	6.35	93	135180	38.96	ng	96
12) 1,3-Dichlorobenzene	6.54	146	146507	38.45	ng	97
13) 1,4-Dichlorobenzene	6.62	146	152267	39.68	ng	98
14) 1,2-Dichlorobenzene	6.78	146	141888	39.22	ng	98
15) Benzyl Alcohol	6.76	79	117061	39.86	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.89	45	151877	38.42	ng	84
17) 2-Methylphenol	6.89	107	105359	38.76	ng	96
18) Hexachloroethane	7.11	117	56091	38.89	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	100995	38.51	ng	# 88
20) 3+4-Methylphenols	7.04	107	145404	39.40	ng	87
22) Acetophenone	7.03	105	214602	40.85	ng	# 96
24) Nitrobenzene	7.20	77	147555	37.78	ng	94
25) Isophorone	7.44	82	269654	39.51	ng	99
26) 2-Nitrophenol	7.51	139	69499	38.16	ng	97
27) 2,4-Dimethylphenol	7.56	122	124178	40.46	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	182249	42.70	ng	100
29) 2,4-Dichlorophenol	7.76	162	115243	41.67	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	122212	39.92	ng	# 94
31) Naphthalene	7.91	128	407099	38.34	ng	99
32) Benzoic acid	7.71	122	93950	39.81	ng	98
33) 4-Chloroaniline	7.96	127	172278	38.58	ng	# 89
34) Hexachlorobutadiene	8.03	225	69613	40.85	ng	97
35) Caprolactam	8.35	113	37384	43.53	ng	89
36) 4-Chloro-3-methylphenol	8.47	107	140655	42.21	ng	97
37) 2-Methylnaphthalene	8.60	142	260923	38.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	134883	36.75	ng	98
40) Hexachlorocyclopentadiene	8.75	237	41422	38.60	ng	99

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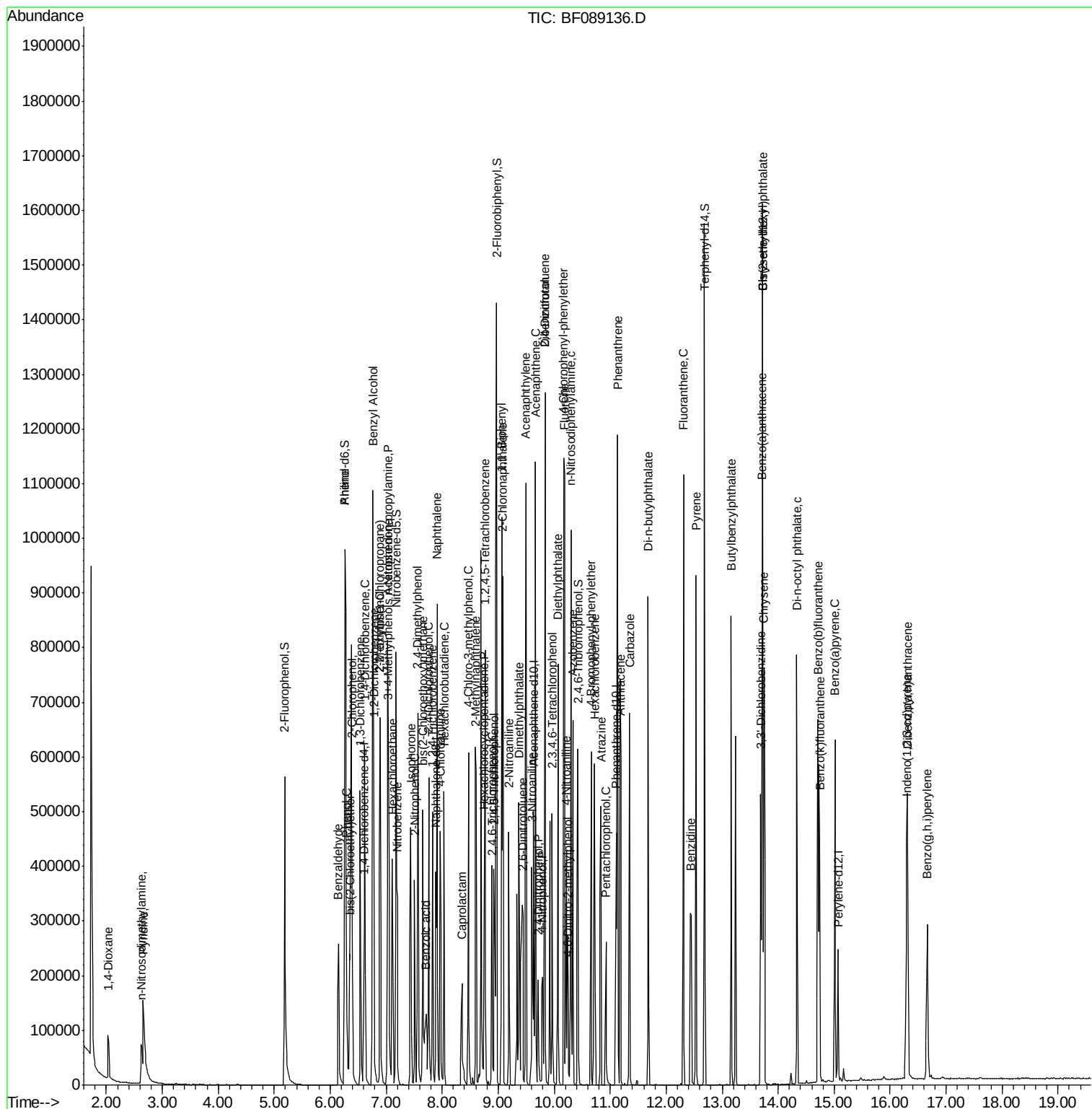
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	79164	38.54	ng	99
43) 2,4,5-Trichlorophenol	8.92	196	80457	39.02	ng	# 83
45) 1,1'-Biphenyl	9.06	154	324846	36.53	ng	99
46) 2-Chloronaphthalene	9.08	162	259675	38.43	ng	98
47) 2-Nitroaniline	9.19	65	85198	36.76	ng	97
48) Acenaphthylene	9.50	152	433967	40.85	ng	99
49) Dimethylphthalate	9.37	163	282804	37.32	ng	98
50) 2,6-Dinitrotoluene	9.44	165	65925	38.54	ng	# 86
51) Acenaphthene	9.67	154	250381	39.84	ng	99
52) 3-Nitroaniline	9.60	138	74084	36.47	ng	# 70
53) 2,4-Dinitrophenol	9.71	184	28072	37.28	ng	91
54) Dibenzofuran	9.84	168	339198	39.95	ng	97
55) 4-Nitrophenol	9.79	139	48064	39.10	ng	88
56) 2,4-Dinitrotoluene	9.84	165	92481	41.97	ng	# 82
57) Fluorene	10.18	166	298058	41.35	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	61236	41.35	ng	97
59) Diethylphthalate	10.07	149	296981	39.53	ng	99
60) 4-Chlorophenyl-phenylether	10.17	204	116349	35.36	ng	# 67
61) 4-Nitroaniline	10.22	138	78323	39.63	ng	100
62) Azobenzene	10.33	77	303978	37.23	ng	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	42845	38.45	ng	93
65) n-Nitrosodiphenylamine	10.30	169	245520	38.38	ng	100
66) 4-Bromophenyl-phenylether	10.66	248	77677	41.01	ng	90
67) Hexachlorobenzene	10.72	284	73304	35.98	ng	# 53
68) Atrazine	10.83	200	83483	41.73	ng	97
69) Pentachlorophenol	10.92	266	36500	38.83	ng	98
70) Phenanthrene	11.13	178	424474	40.42	ng	100
71) Anthracene	11.19	178	412602	37.80	ng	99
72) Carbazole	11.35	167	394153	41.11	ng	99
73) Di-n-butylphthalate	11.68	149	450706	38.01	ng	100
74) Fluoranthene	12.31	202	427369	38.72	ng	98
76) Benzidine	12.45	184	186258	37.51	ng	99
77) Pyrene	12.54	202	472437	39.61	ng	99
79) Butylbenzylphthalate	13.17	149	203963	40.43	ng	93
80) Benzo(a)anthracene	13.71	228	346149	37.63	ng	100
81) 3,3'-Dichlorobenzidine	13.69	252	126040	41.31	ng	# 95
82) Chrysene	13.75	228	312266	35.54	ng	98
83) Bis(2-ethylhexyl)phthalate	13.73	149	254116	37.97	ng	98
84) Di-n-octyl phthalate	14.33	149	401064	36.32	ng	98
85) Indeno(1,2,3-cd)pyrene	16.30	276	243876	38.22	ng	100
87) Benzo(b)fluoranthene	14.71	252	278683m	32.93	ng	
88) Benzo(k)fluoranthene	14.74	252	289421m	47.83	ng	
89) Benzo(a)pyrene	15.02	252	254699	38.77	ng	99
90) Dibenzo(a,h)anthracene	16.31	278	208151	40.13	ng	# 93
91) Benzo(g,h,i)perylene	16.66	276	209674	40.09	ng	98

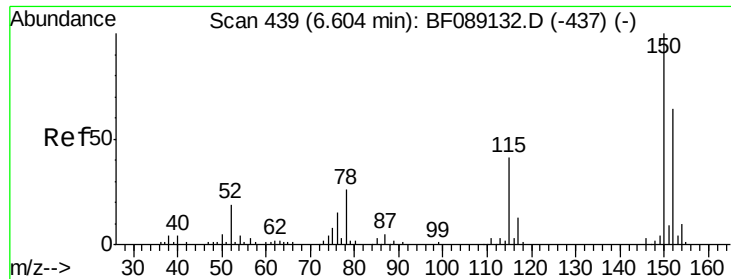
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

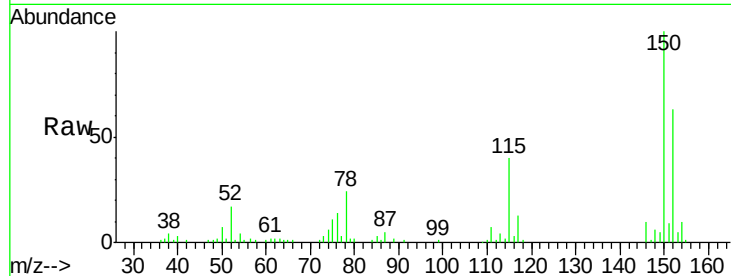
Tgt Ion:152 Resp: 47293

Ion Ratio Lower Upper

152 100

150 157.9 125.1 187.7

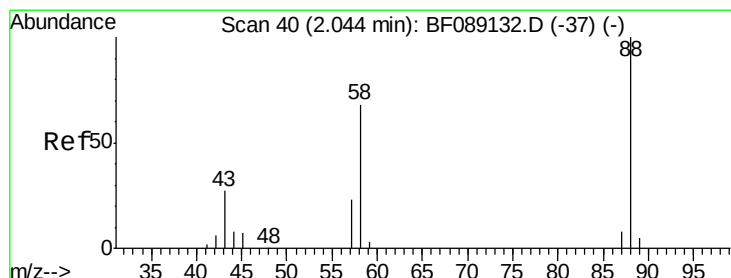
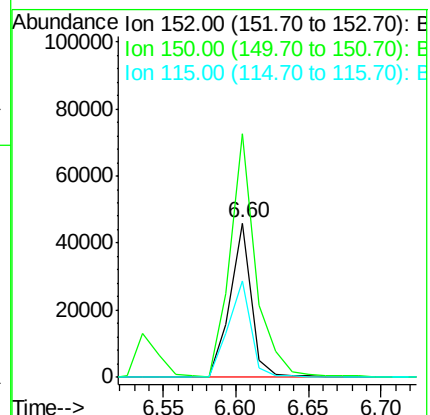
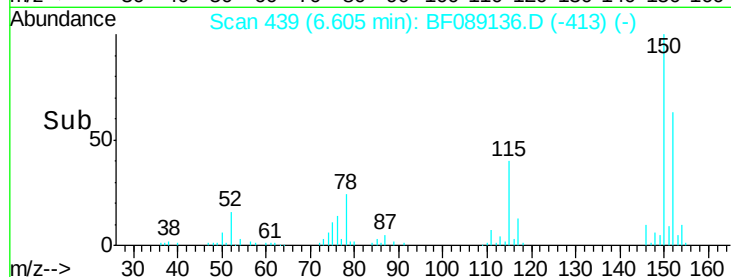
115 62.7 51.1 76.7



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: 38.74 ng

RT: 2.03 min Scan# 39

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

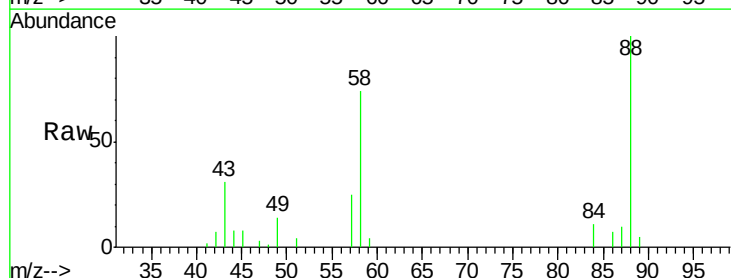
Tgt Ion: 88 Resp: 52304

Ion Ratio Lower Upper

88 100

58 63.5 49.2 73.8

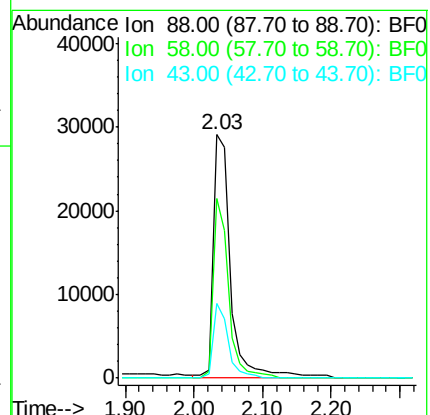
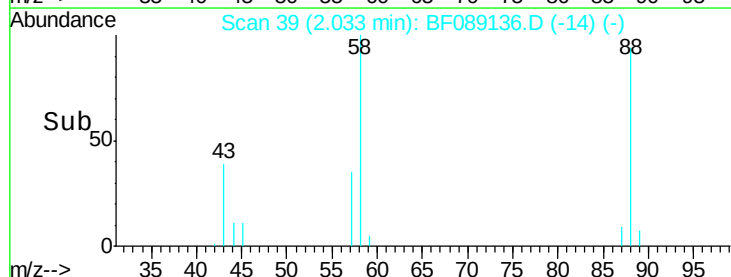
43 26.3 20.6 30.8

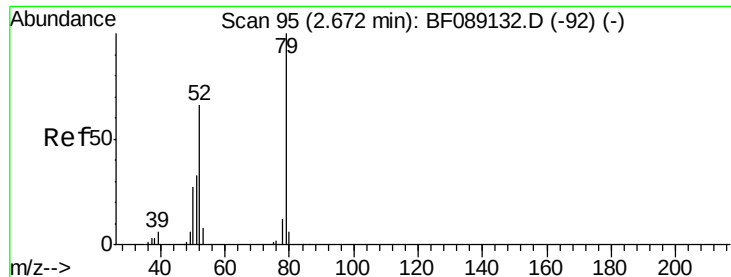


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 40.45 ng

RT: 2.66 min Scan# 94

Delta R.T. -0.01 min

Lab File: BF089136.D

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ClientSampleId :

ICVBF072016

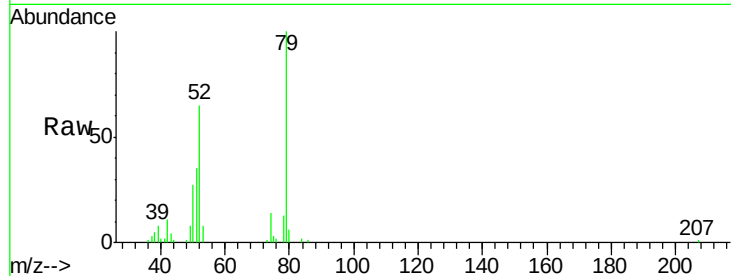
Tgt Ion: 79 Resp: 138752

Ion Ratio Lower Upper

79 100

52 65.3 52.9 79.3

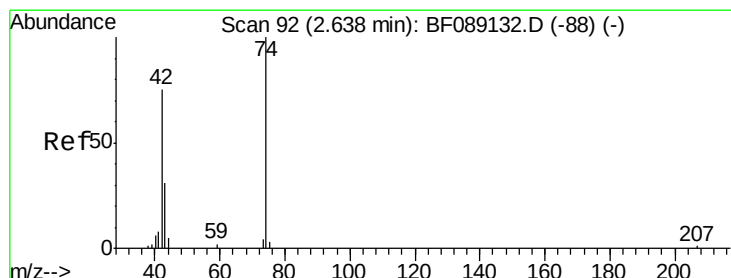
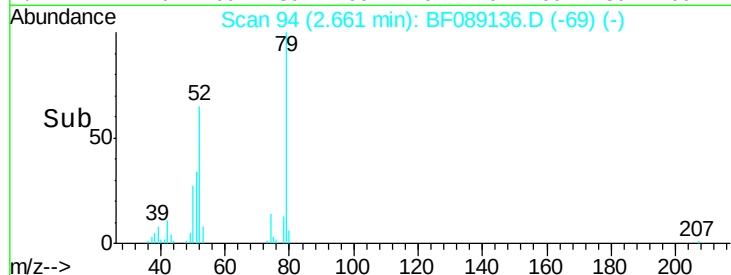
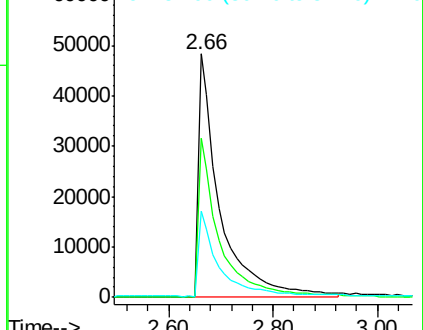
51 35.3 27.0 40.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 41.18 ng

RT: 2.63 min Scan# 91

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

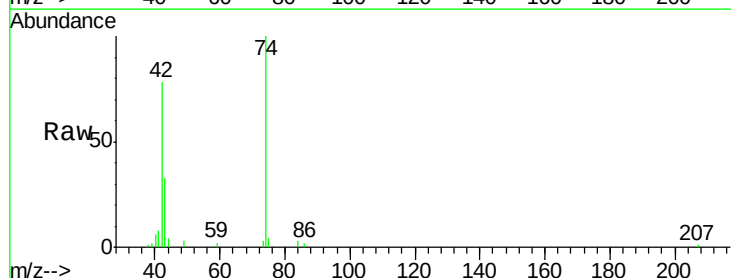
Tgt Ion: 42 Resp: 59455

Ion Ratio Lower Upper

42 100

74 128.0 106.4 159.6

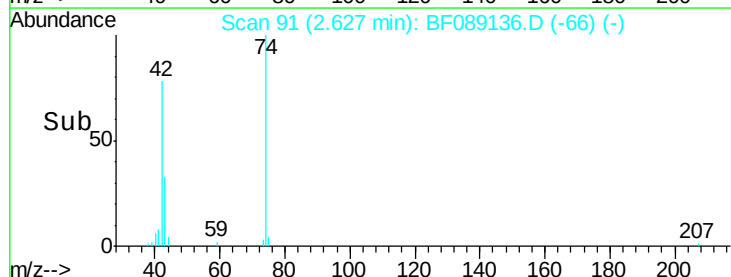
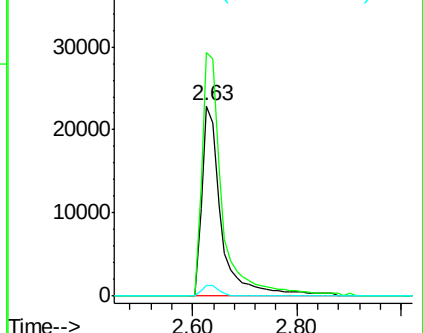
44 5.6 5.2 7.8

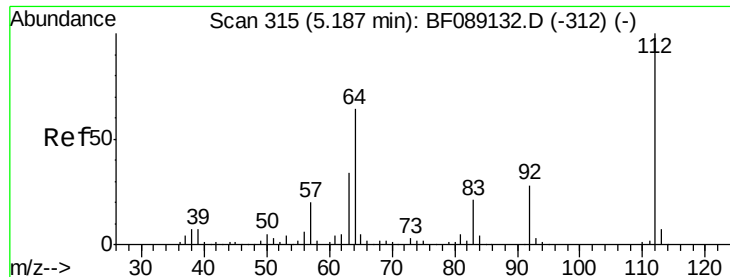


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 79.18 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089136.D

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Instrument :

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ClientSampleId :

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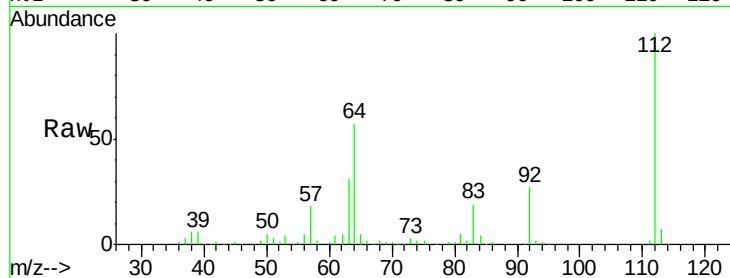
Tgt Ion: 112 Resp: 246204

Ion Ratio Lower Upper

112 100

64 57.0 51.0 76.4

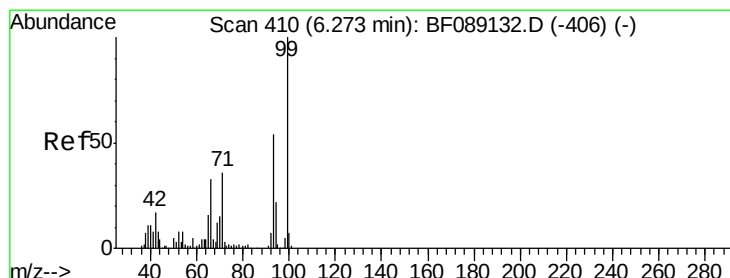
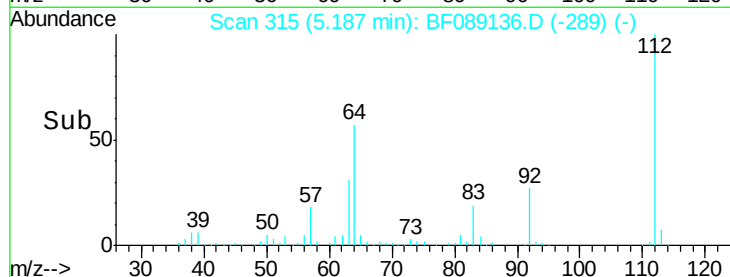
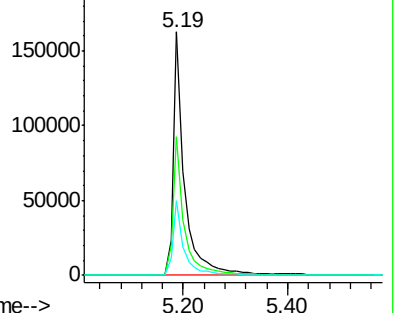
63 30.6 27.3 40.9



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: 38.47 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

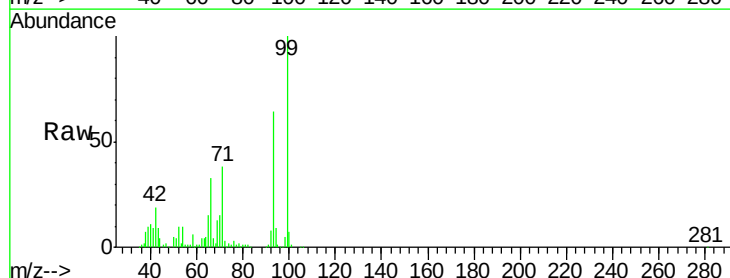
Tgt Ion: 93 Resp: 208450

Ion Ratio Lower Upper

93 100

66 52.1 48.9 73.3

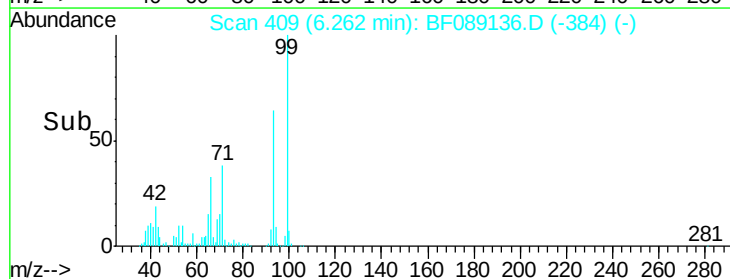
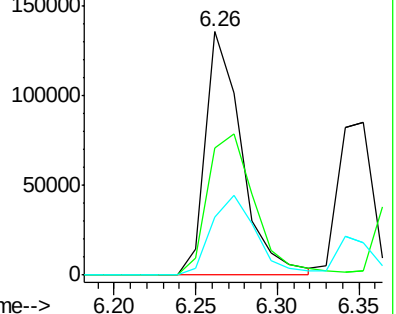
65 23.9 23.9 35.9#

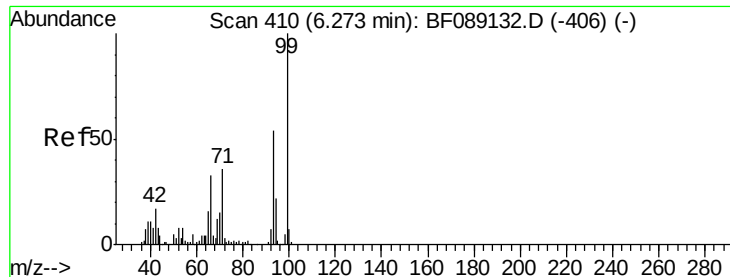


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.16 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089136.D

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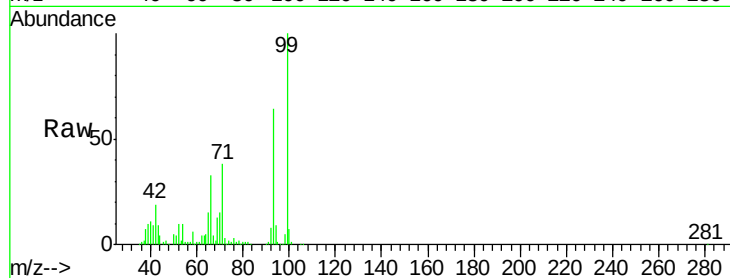
Tgt Ion: 99 Resp: 309407

Ion Ratio Lower Upper

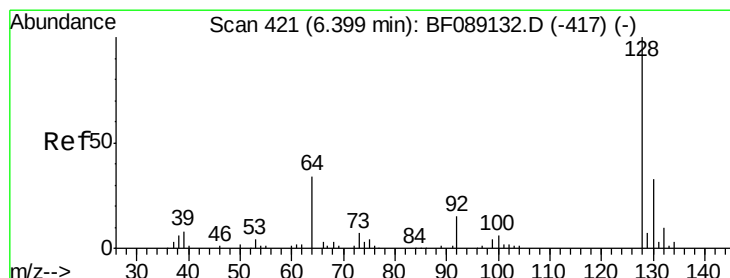
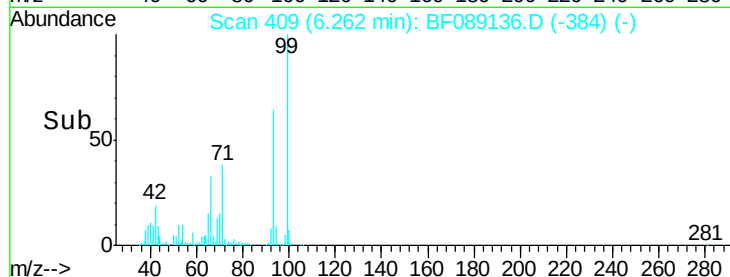
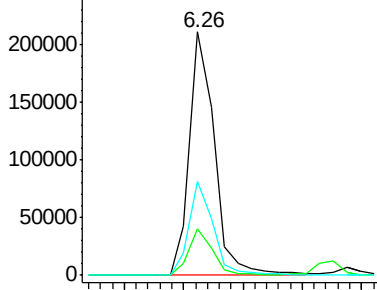
99 100

42 19.0 13.5 20.3

71 38.5 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: 39.70 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

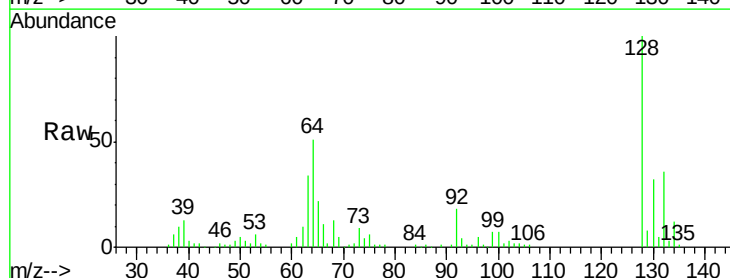
Tgt Ion: 128 Resp: 136995

Ion Ratio Lower Upper

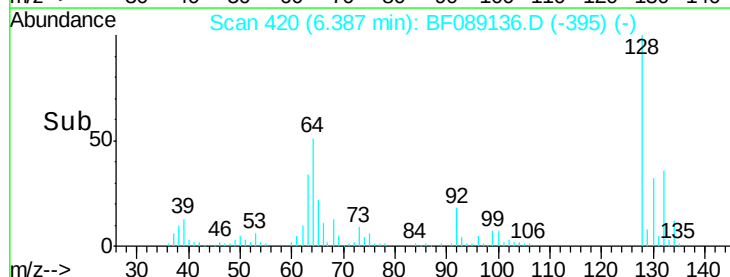
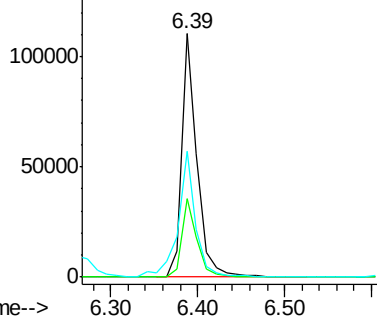
128 100

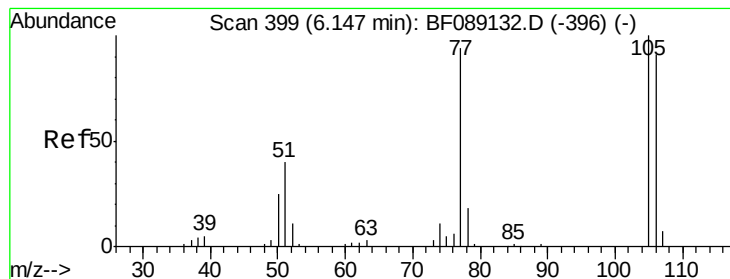
130 32.0 12.6 52.6

64 51.5 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: 39.46 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

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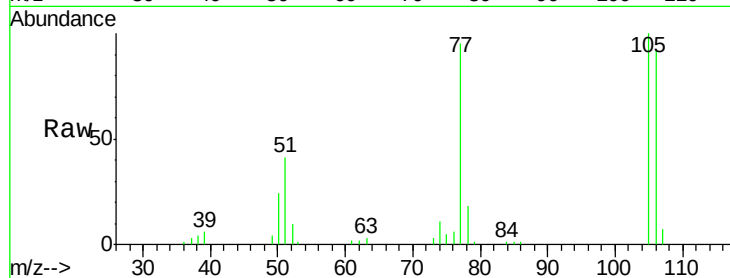
Tgt Ion: 77 Resp: 83525

Ion Ratio Lower Upper

77 100

105 105.4 86.2 126.2

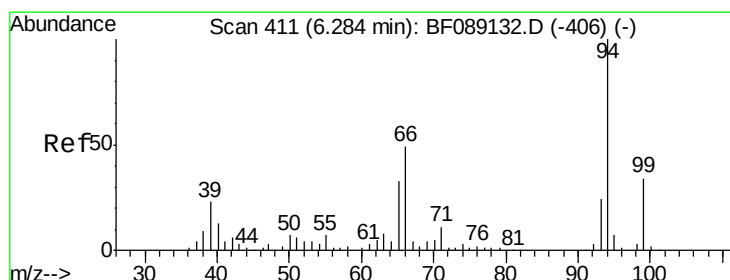
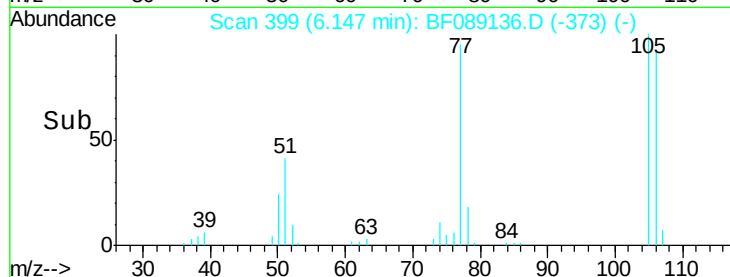
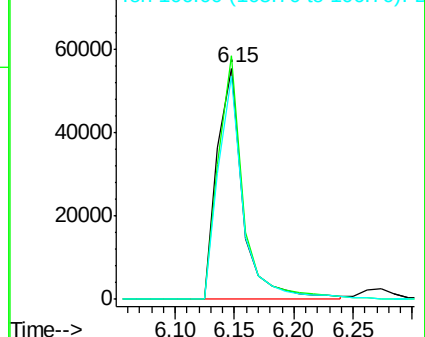
106 96.8 76.3 116.3



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: 38.41 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

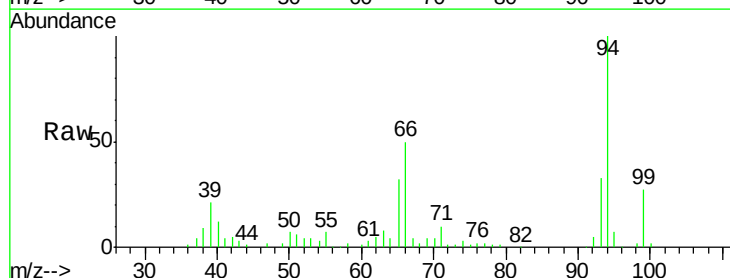
Tgt Ion: 94 Resp: 177472

Ion Ratio Lower Upper

94 100

65 31.9 13.3 53.3

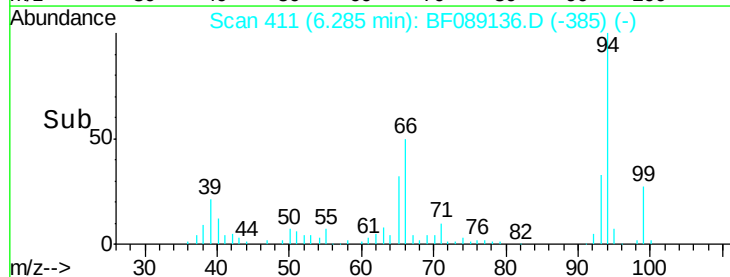
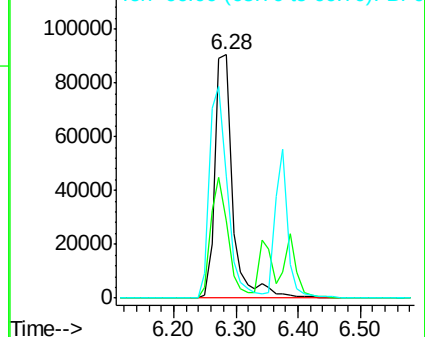
66 50.1 29.3 69.3

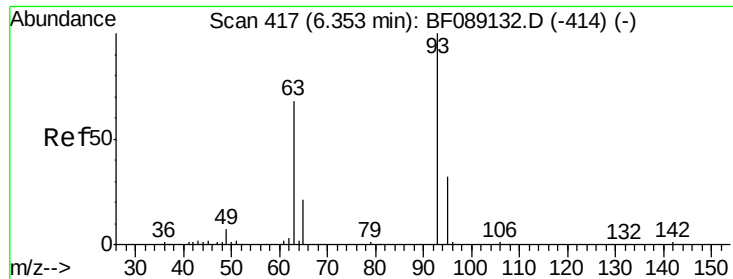


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.96 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

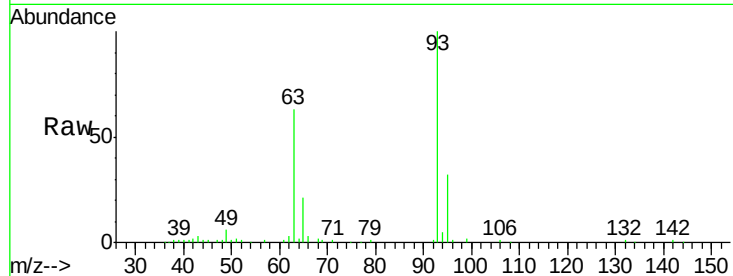
Tgt Ion: 93 Resp: 135180

Ion Ratio Lower Upper

93 100

63 63.3 47.3 87.3

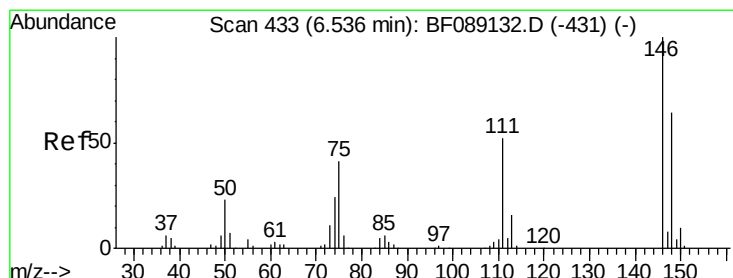
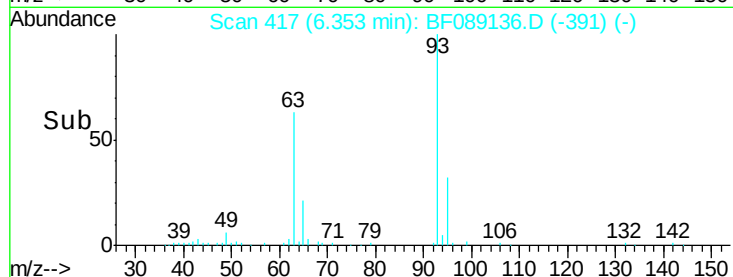
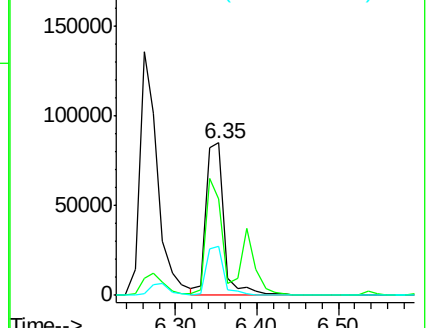
95 32.1 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 38.45 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

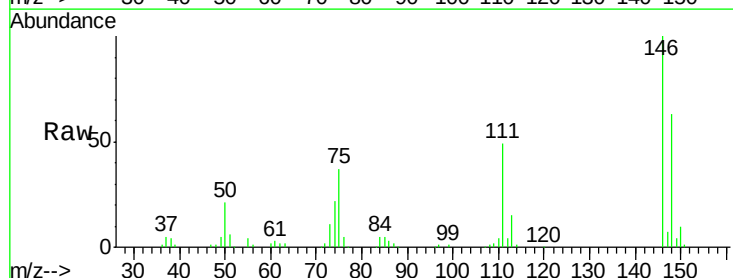
Tgt Ion: 146 Resp: 146507

Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.6

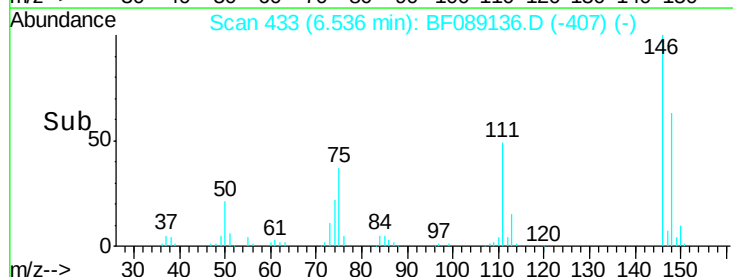
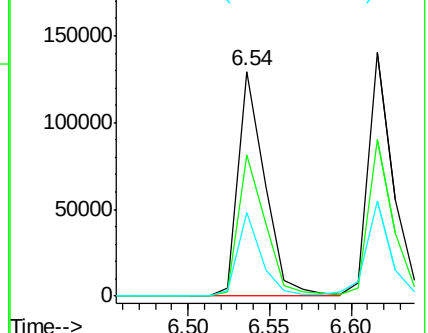
75 37.3 32.5 48.7

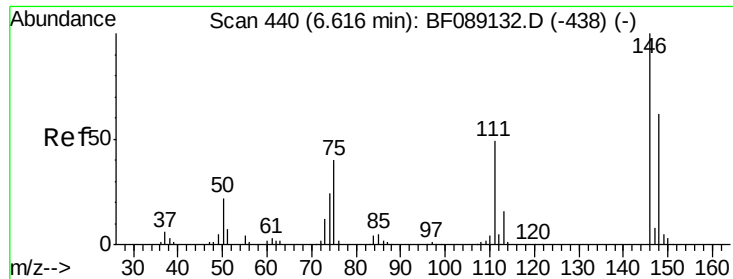


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

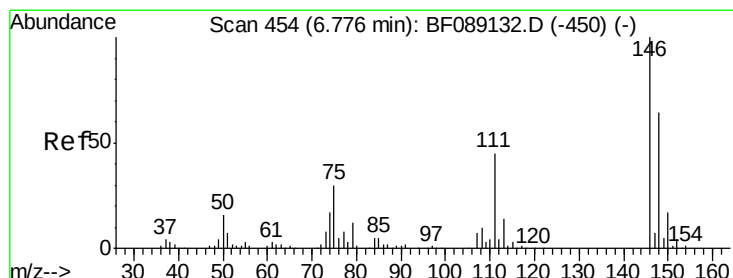
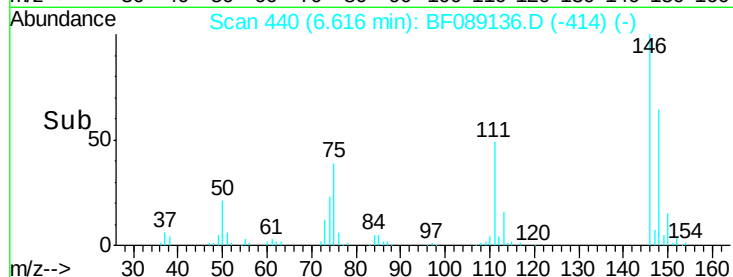
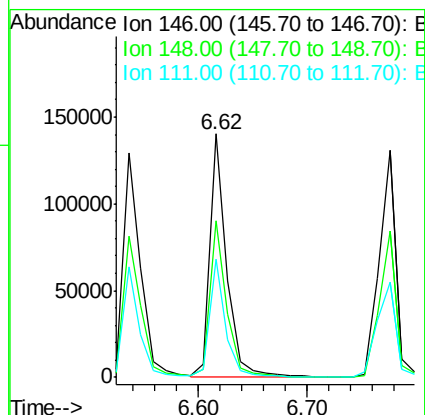
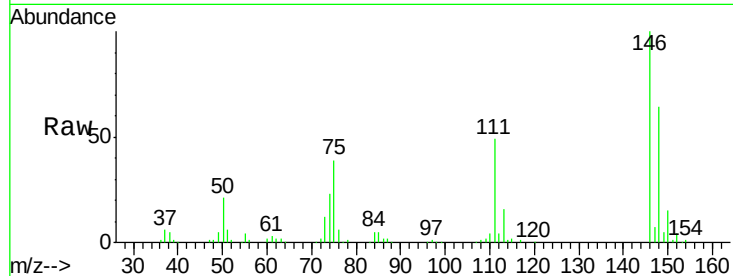




#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.62 min Scan# 440
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

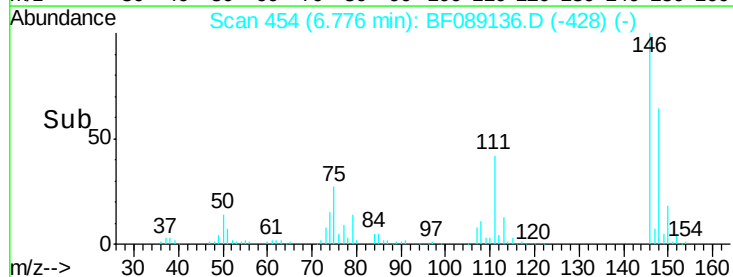
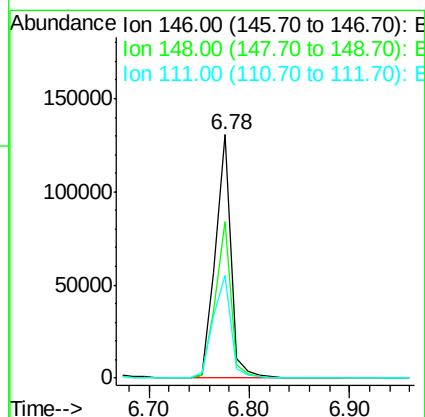
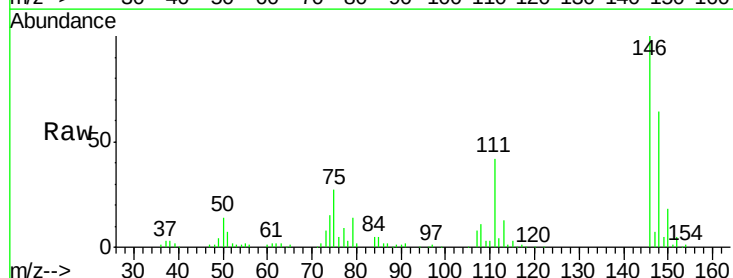
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

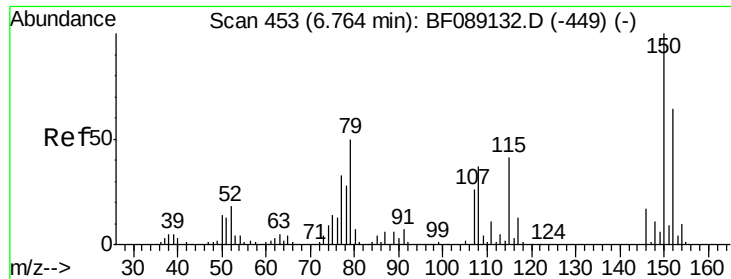
Tgt Ion:146 Resp: 152267
 Ion Ratio Lower Upper
 146 100
 148 64.1 49.9 74.9
 111 48.7 39.8 59.6



#14
 1,2-Dichlorobenzene
 Concen: 39.22 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:146 Resp: 141888
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.4 77.0
 111 42.0 35.9 53.9

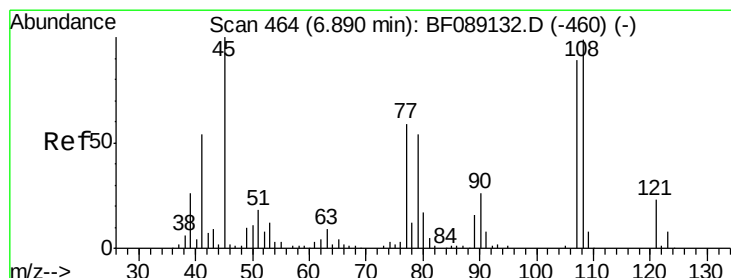
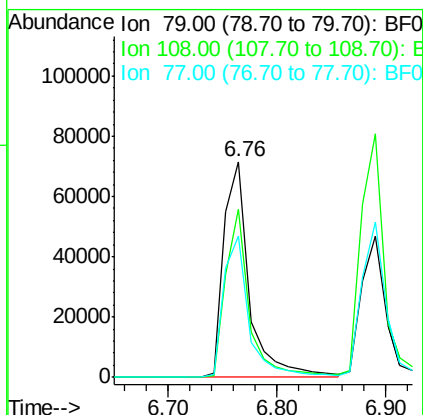
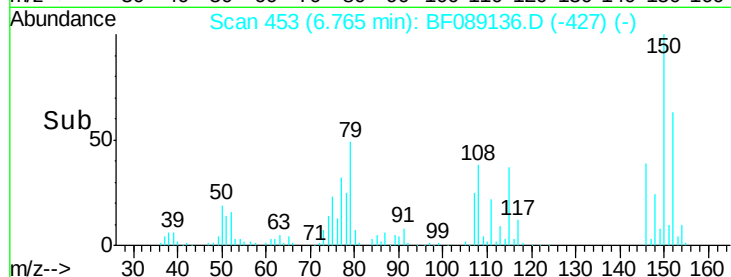
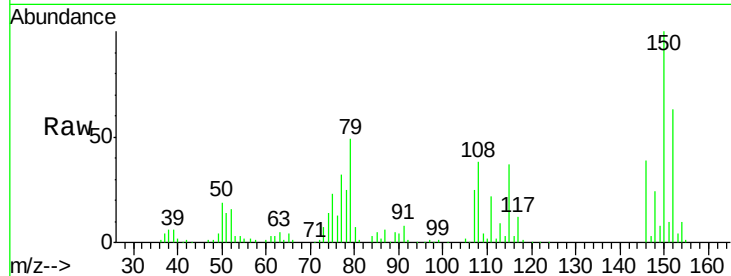




#15
Benzyl Alcohol
Concen: 39.86 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

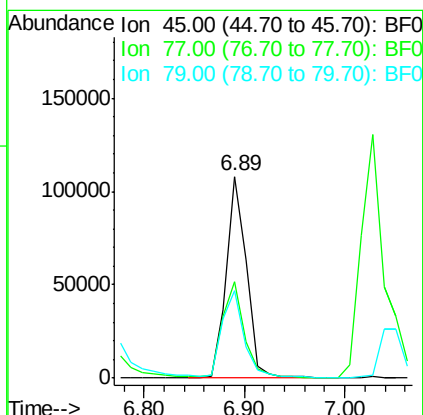
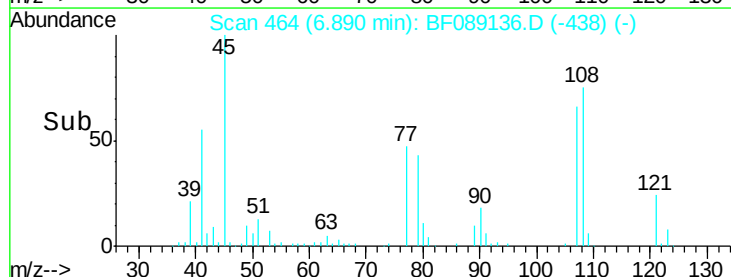
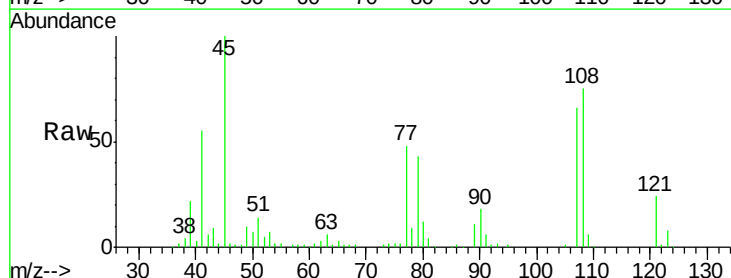
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

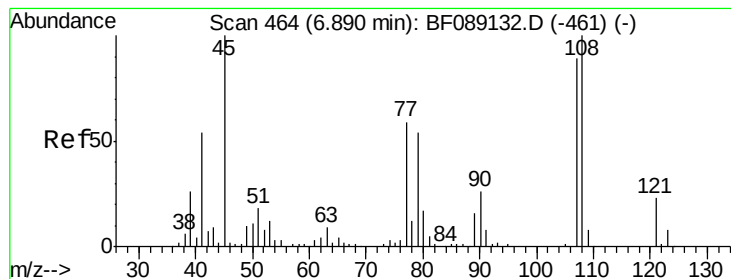
Tgt Ion: 79 Resp: 117061
Ion Ratio Lower Upper
79 100
108 77.7 58.2 87.4
77 65.2 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.42 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion: 45 Resp: 151877
Ion Ratio Lower Upper
45 100
77 47.8 39.7 79.7
79 43.5 34.7 74.7

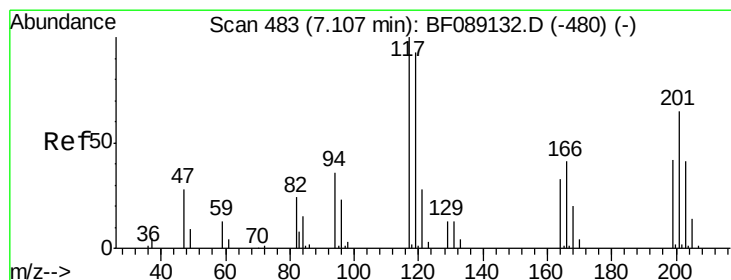
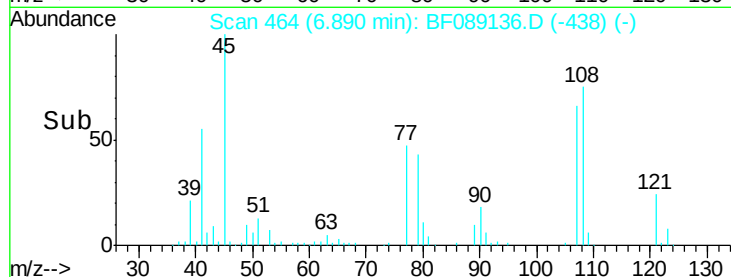
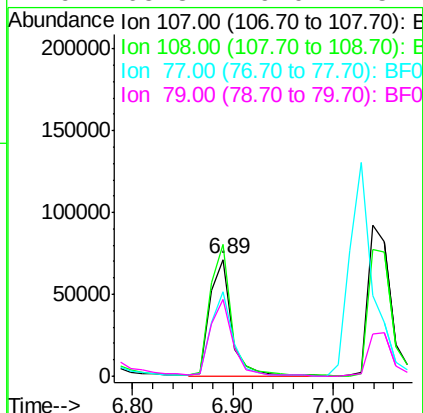
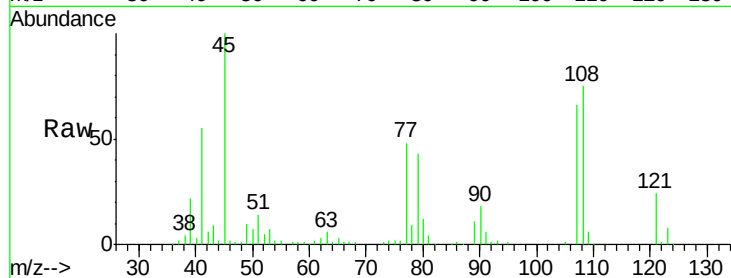




#17
2-Methylphenol
Concen: 38.76 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

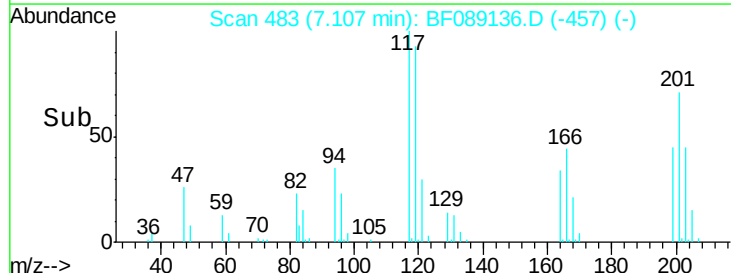
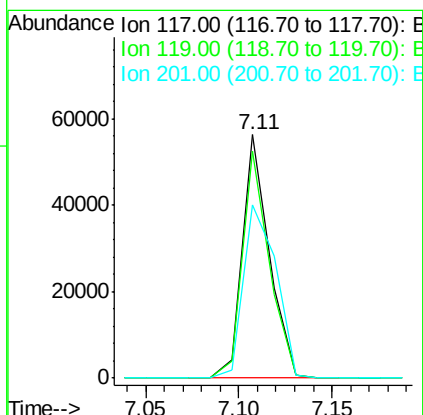
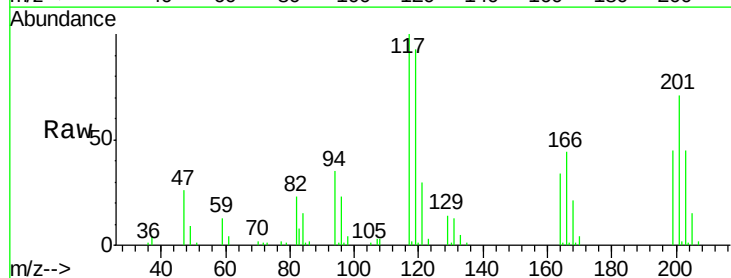
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

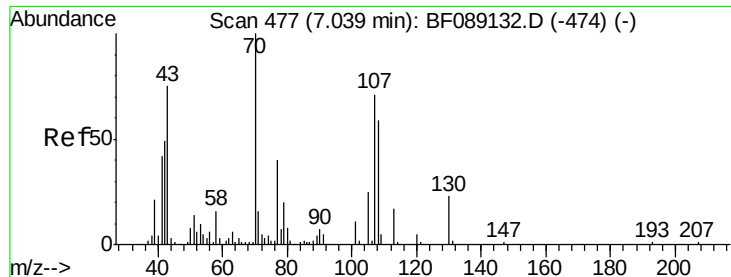
Tgt Ion:	107	Resp:	105359
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.2
77	72.3	53.4	80.0
79	65.8	49.0	73.4



#18
Hexachloroethane
Concen: 38.89 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:	117	Resp:	56091
Ion	Ratio	Lower	Upper
117	100		
119	93.4	74.5	111.7
201	71.0	51.8	77.6

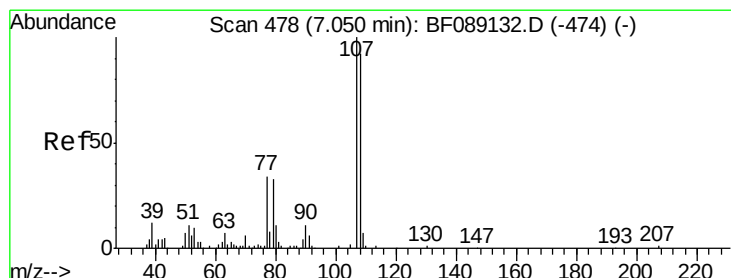
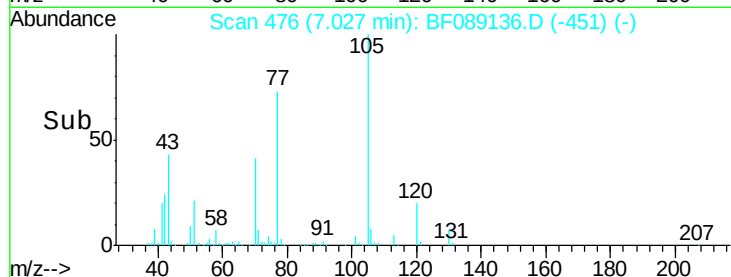
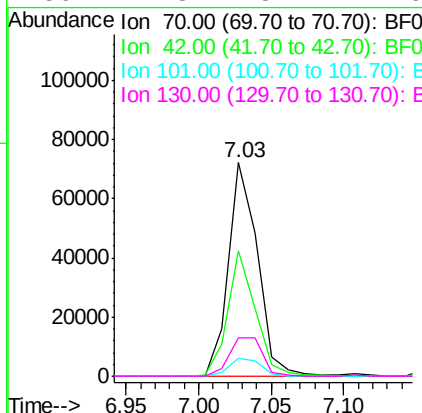
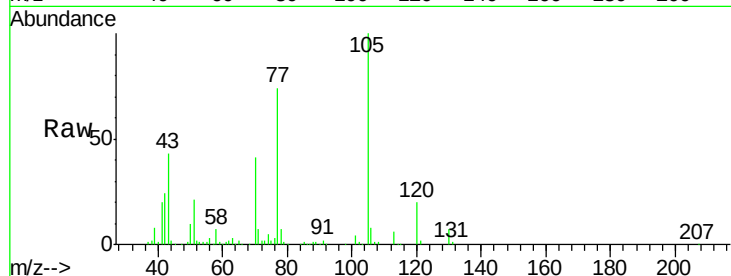




#19
n-Nitroso-di-n-propylamine
Concen: 38.51 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

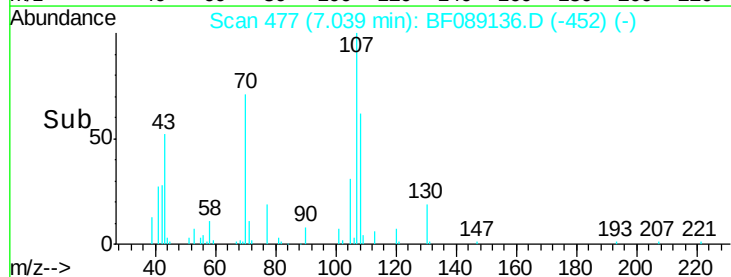
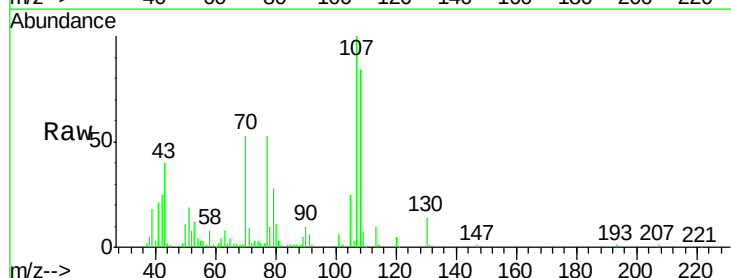
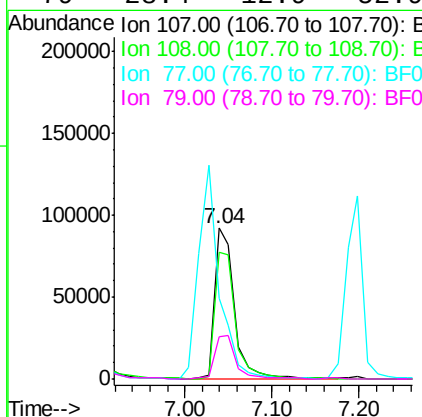
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

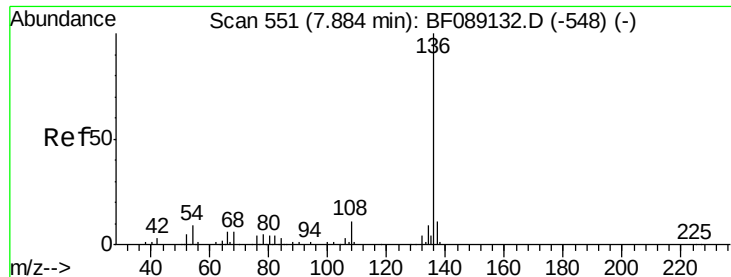
Tgt Ion: 70 Resp: 100995
Ion Ratio Lower Upper
70 100
42 58.5 39.2 58.8
101 8.7 8.5 12.7
130 17.8 18.4 27.6#



#20
3+4-Methylphenols
Concen: 39.40 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion: 107 Resp: 145404
Ion Ratio Lower Upper
107 100
108 83.7 72.5 112.5
77 53.4 17.7 57.7
79 28.4 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: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

Tgt Ion:136 Resp: 196746

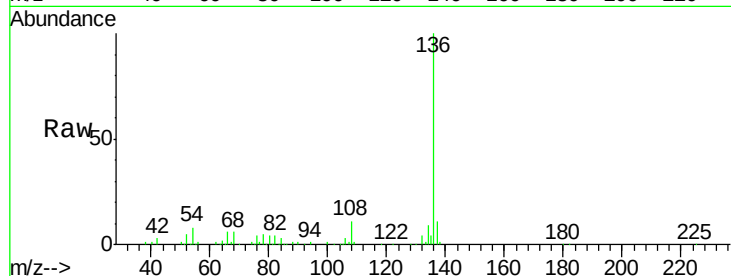
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.4 7.0 10.4

68 6.2 5.0 7.6

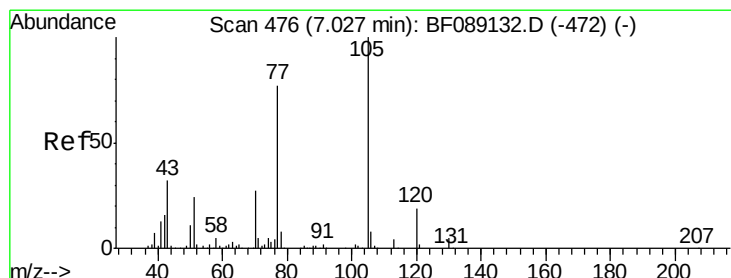
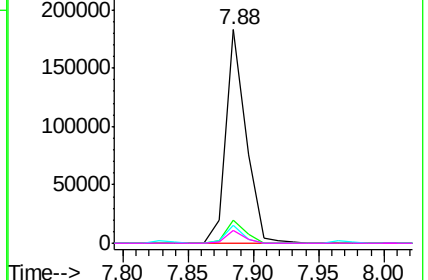
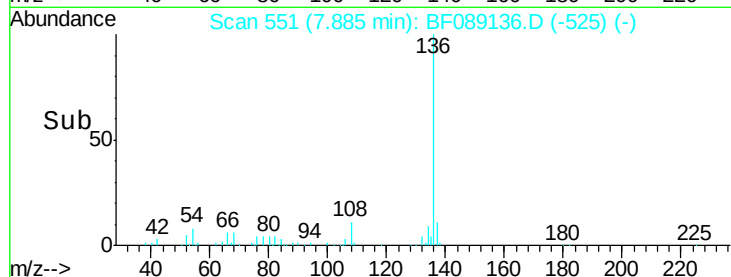


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.85 ng

RT: 7.03 min Scan# 476

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Tgt Ion:105 Resp: 214602

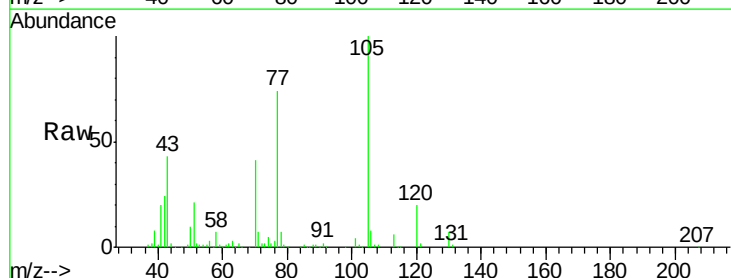
Ion Ratio Lower Upper

105 100

71 6.8 3.8 5.6#

51 21.4 19.6 29.4

120 20.1 15.5 23.3

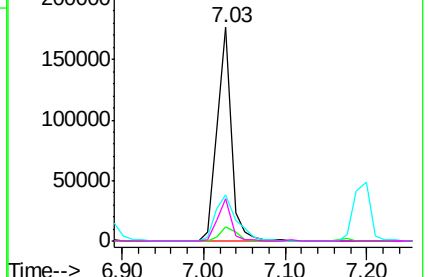
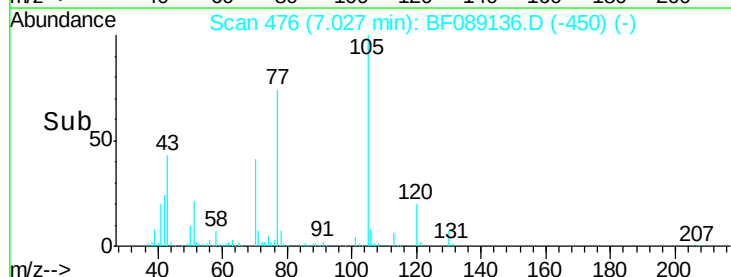


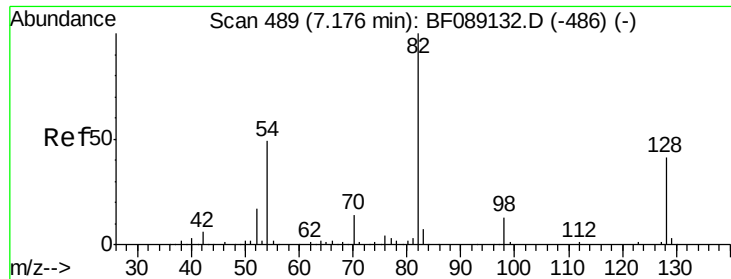
Abundance Ion 105.00 (104.70 to 105.70): E

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

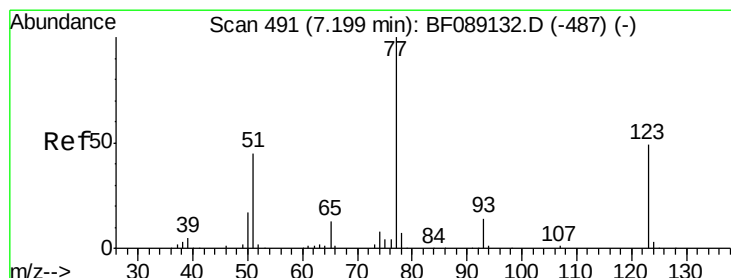
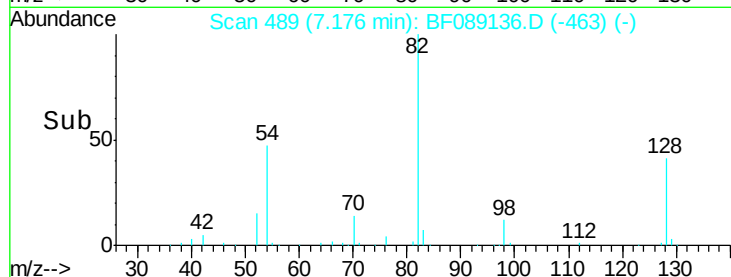
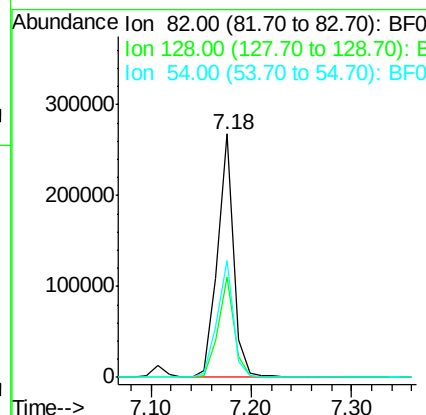
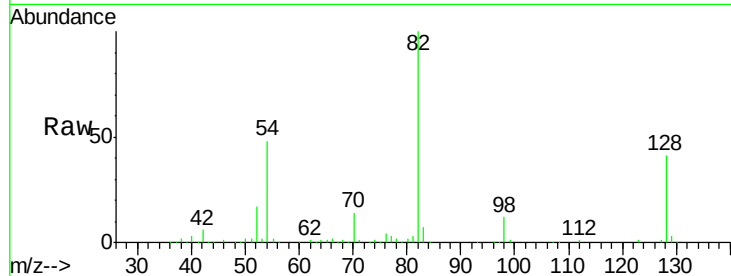




#23
 Nitrobenzene-d5
 Concen: 80.97 ng
 RT: 7.18 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

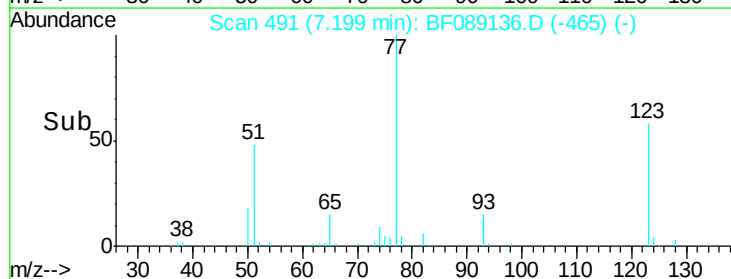
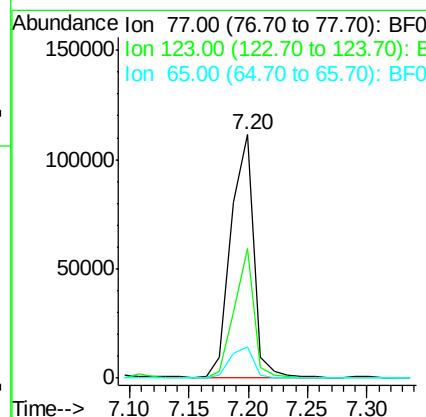
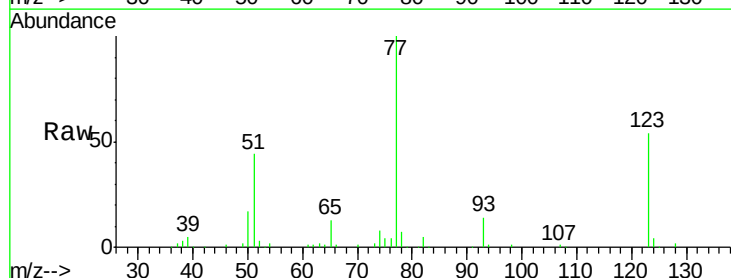
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

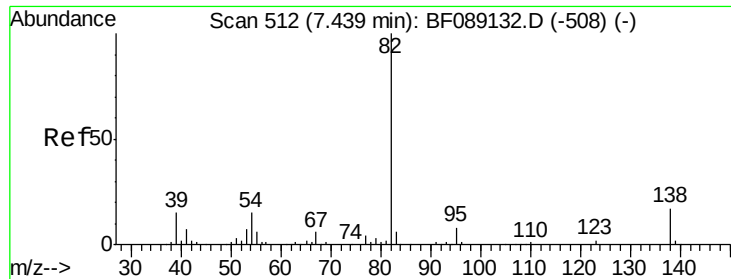
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.6
54	48.2	39.0	58.4



#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.20 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	38.9	58.3
65	12.9	10.6	15.8





#25

Isophorone

Concen: 39.51 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

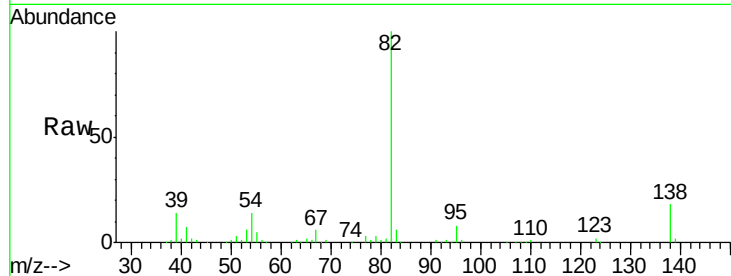
Tgt Ion: 82 Resp: 269654

Ion Ratio Lower Upper

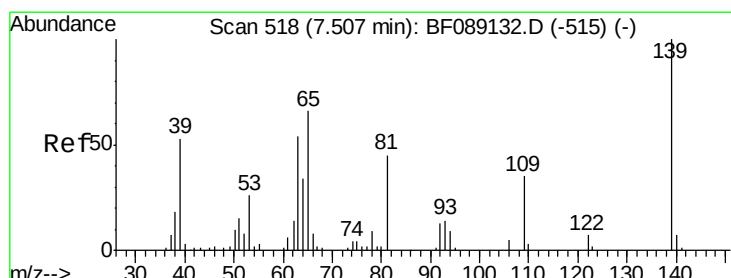
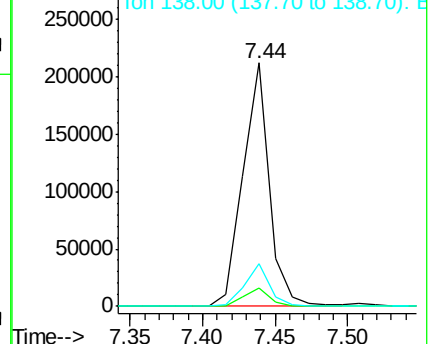
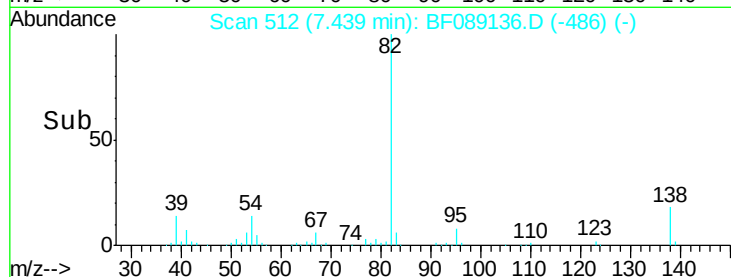
82 100

95 7.8 6.1 9.1

138 17.6 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: 38.16 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

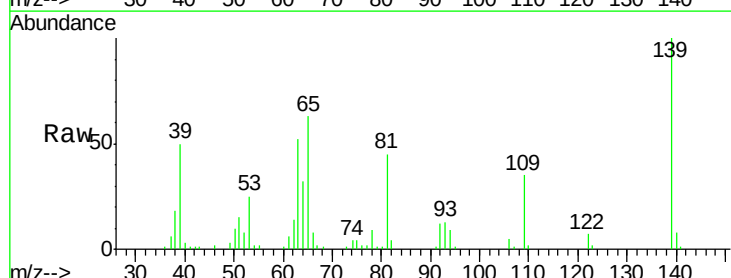
Tgt Ion: 139 Resp: 69499

Ion Ratio Lower Upper

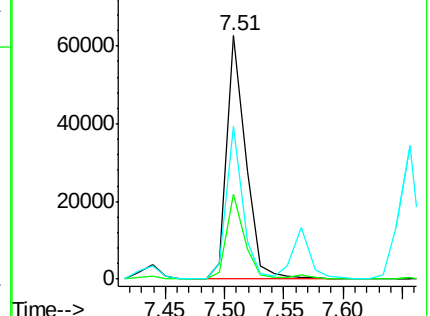
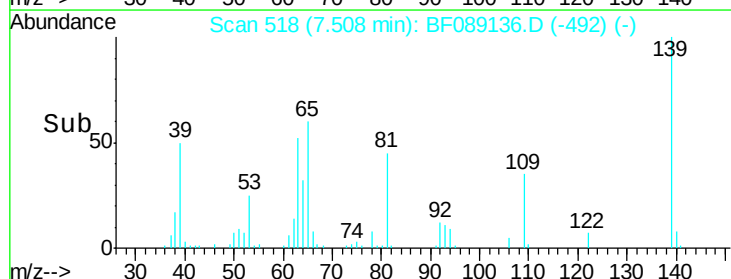
139 100

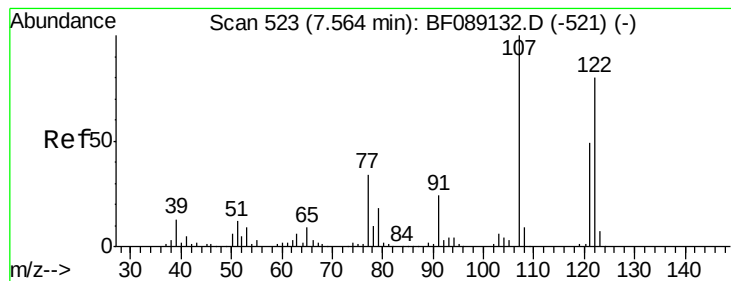
109 35.0 28.1 42.1

65 62.6 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: 40.46 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

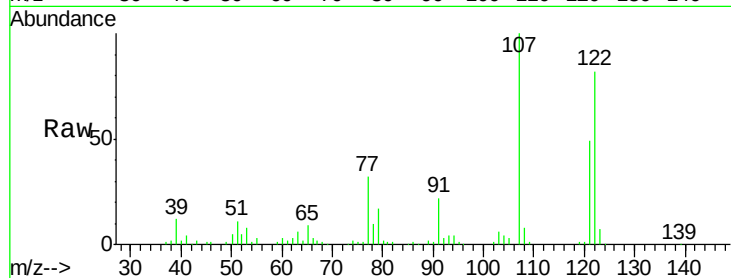
Tgt Ion:122 Resp: 124178

Ion Ratio Lower Upper

122 100

107 121.8 99.7 149.5

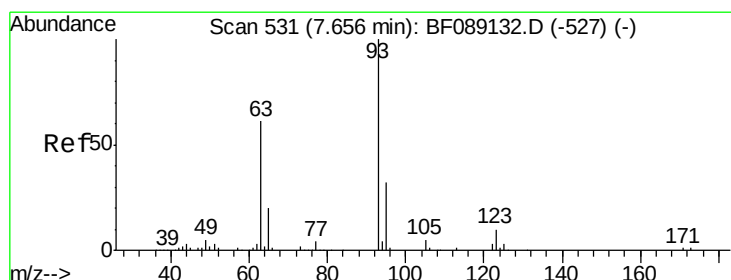
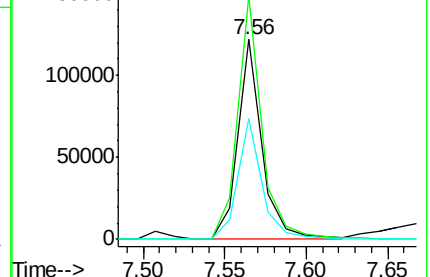
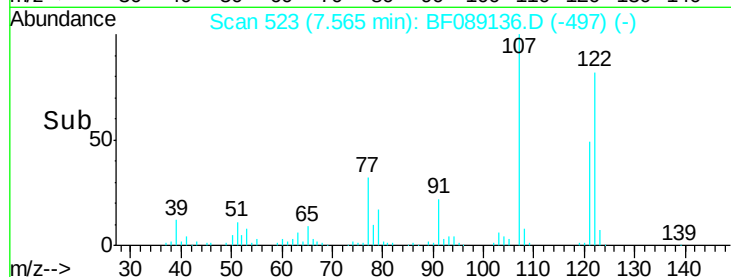
121 60.2 48.5 72.7



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: 42.70 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

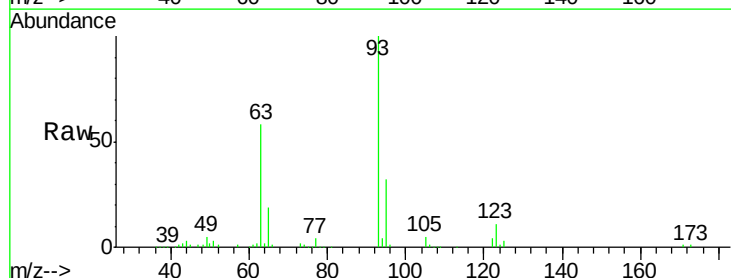
Tgt Ion: 93 Resp: 182249

Ion Ratio Lower Upper

93 100

95 31.5 25.4 38.0

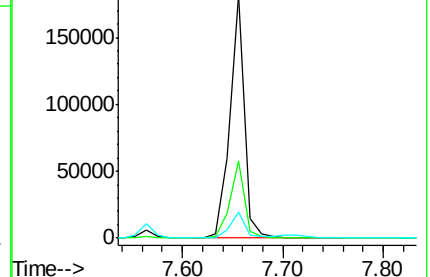
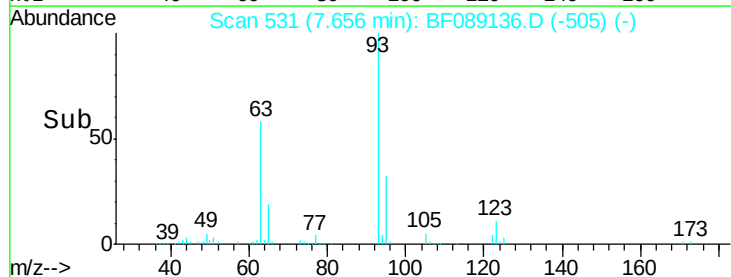
123 10.8 8.3 12.5

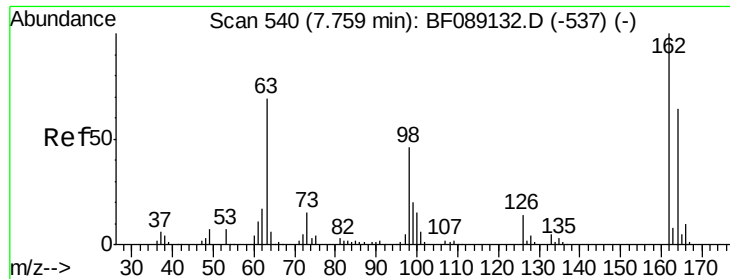


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

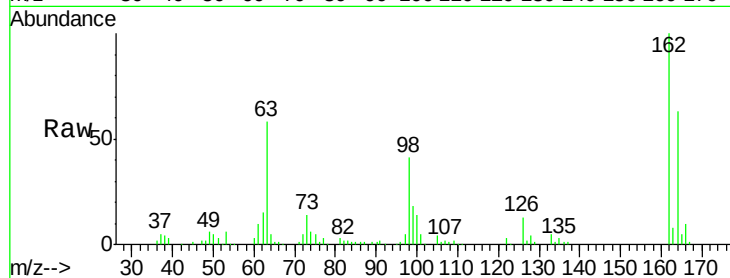




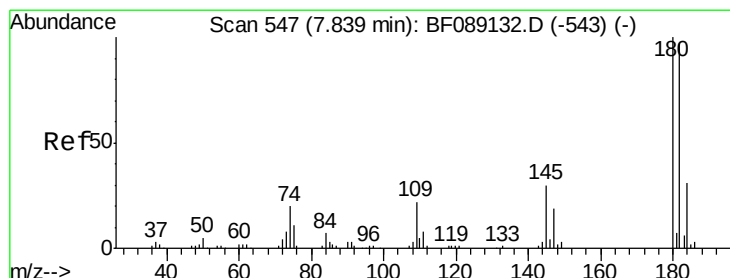
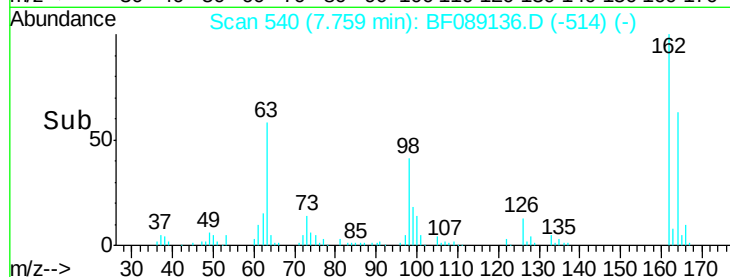
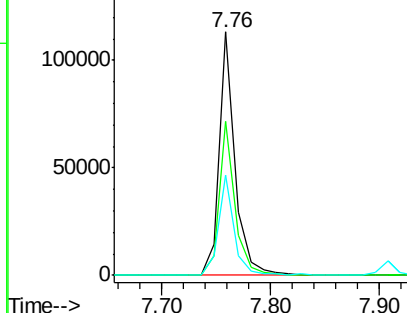
#29
 2,4-Dichlorophenol
 Concen: 41.67 ng
 RT: 7.76 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion	Resp	Lower	Upper
162	115243		
162	100		
164	63.4	44.0	84.0
98	41.3	26.0	66.0

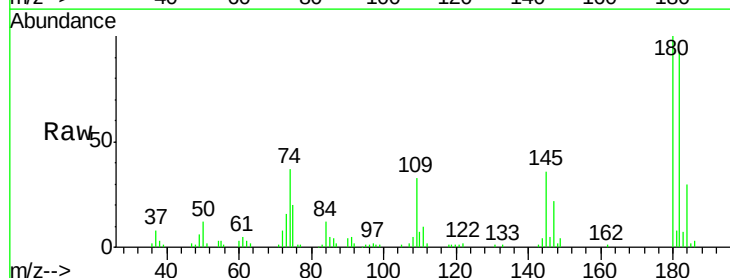


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

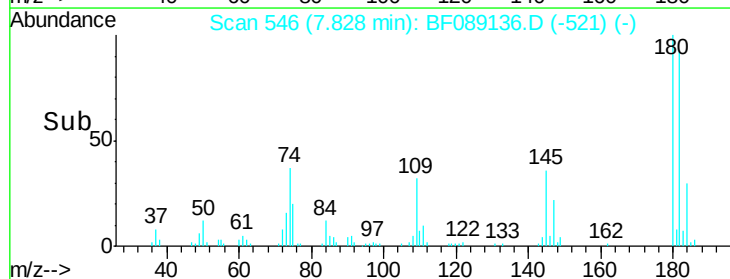
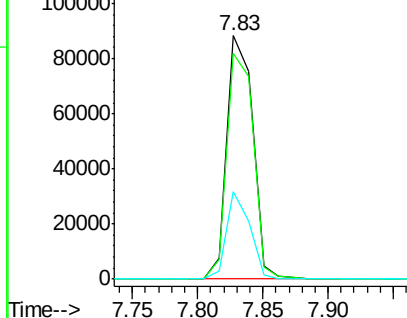


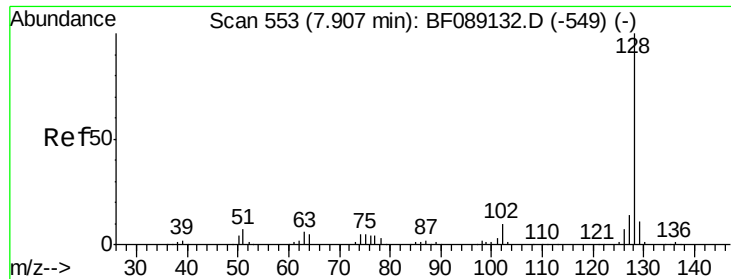
#30
 1,2,4-Trichlorobenzene
 Concen: 39.92 ng
 RT: 7.83 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion	Resp	Lower	Upper
180	122212		
180	100		
182	92.7	77.6	116.4
145	36.1	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

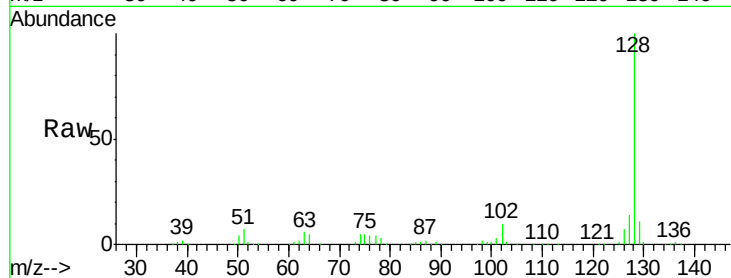




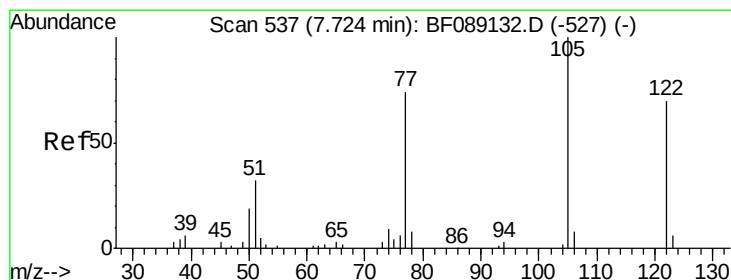
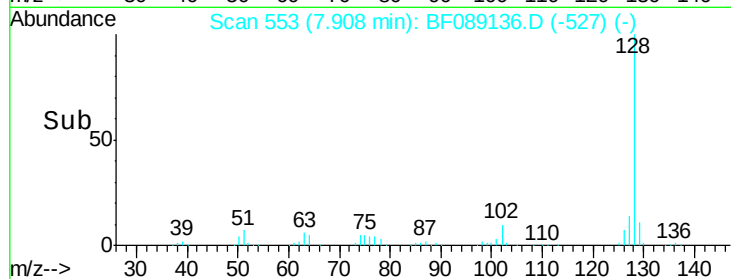
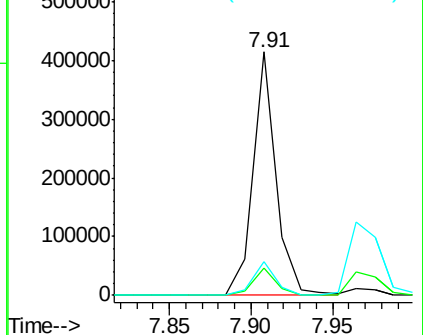
#31
Naphthalene
Concen: 38.34 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
ICVBF072016

Tgt Ion:128 Resp: 407099
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.6 10.8 16.2

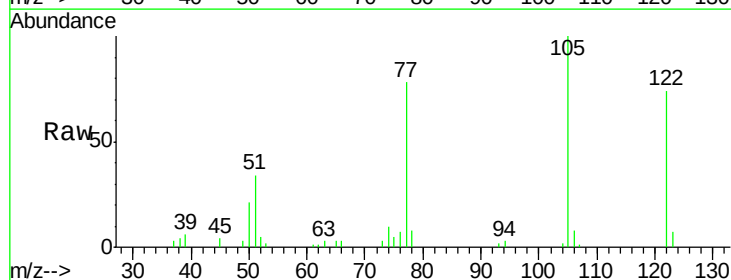


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

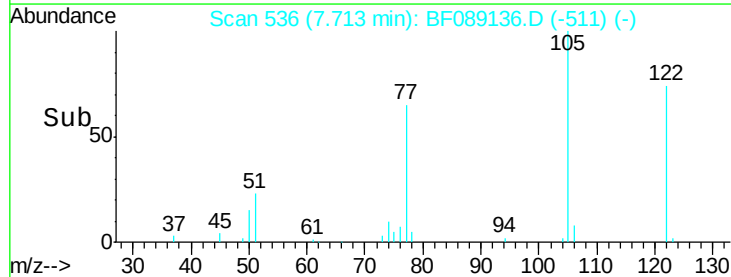
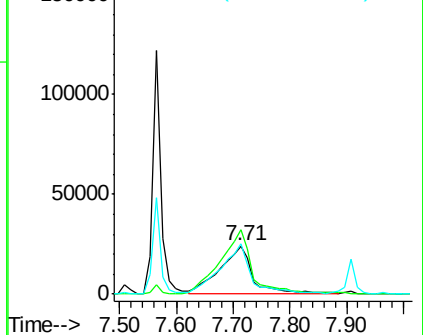


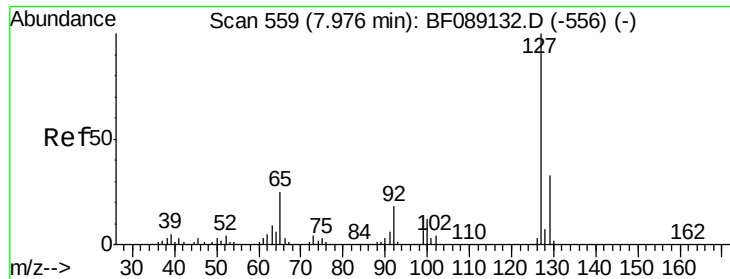
#32
Benzoic acid
Concen: 39.81 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:122 Resp: 93950
Ion Ratio Lower Upper
122 100
105 135.2 119.0 159.0
77 106.0 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

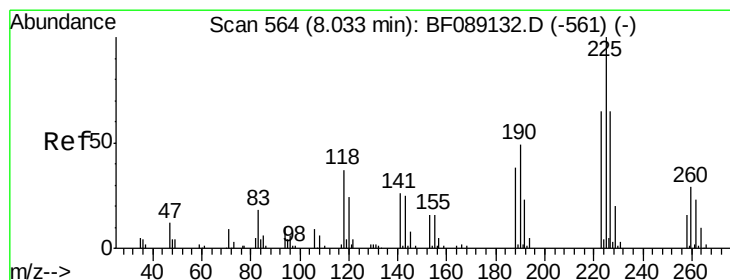
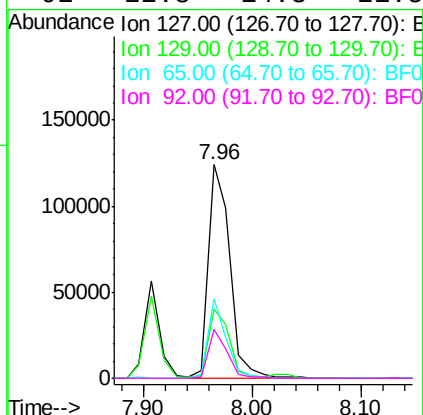
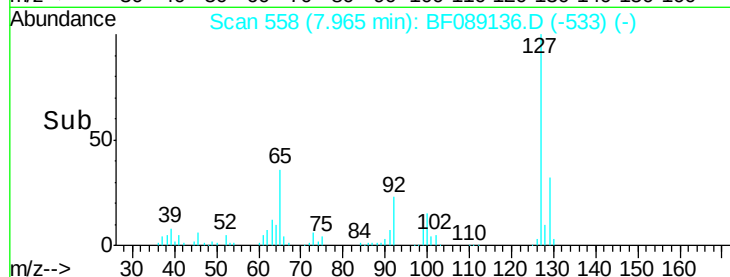
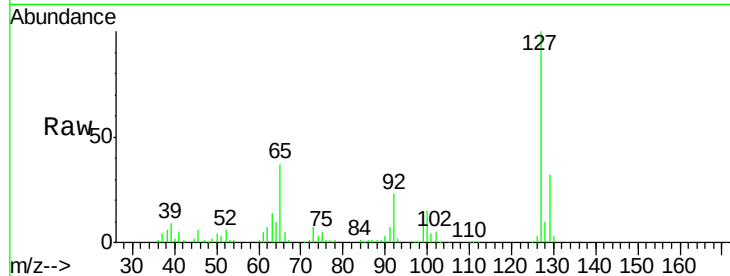




#33
4-Chloroaniline
Concen: 38.58 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

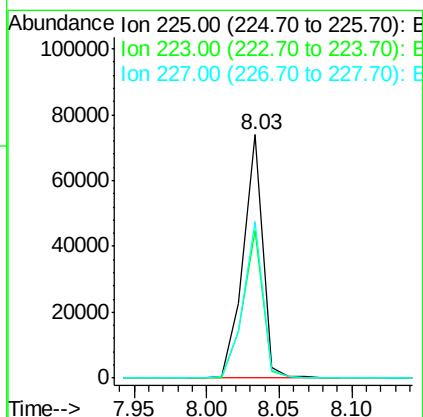
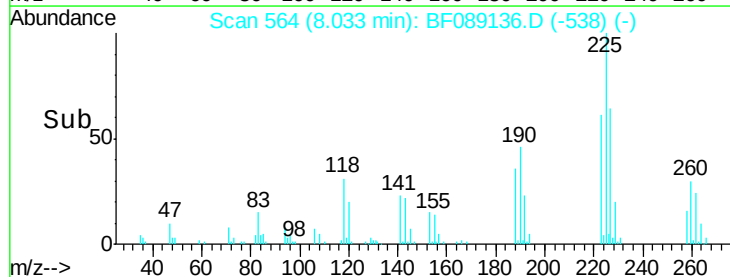
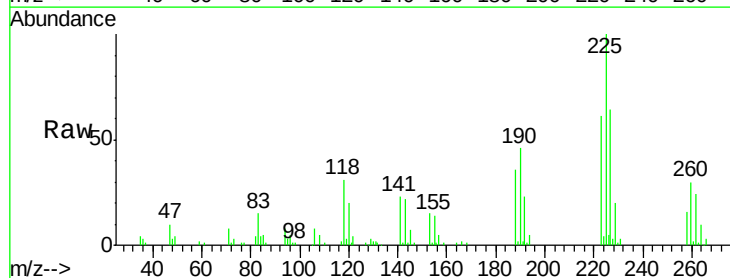
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

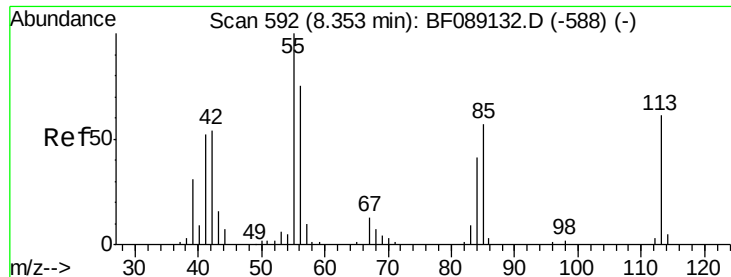
Tgt Ion:	127	Resp:	172278
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	37.2	19.7	29.5#
92	22.8	14.3	21.5#



#34
Hexachlorobutadiene
Concen: 40.85 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:	225	Resp:	69613
Ion	Ratio	Lower	Upper
225	100		
223	60.8	51.6	77.4
227	64.1	51.6	77.4

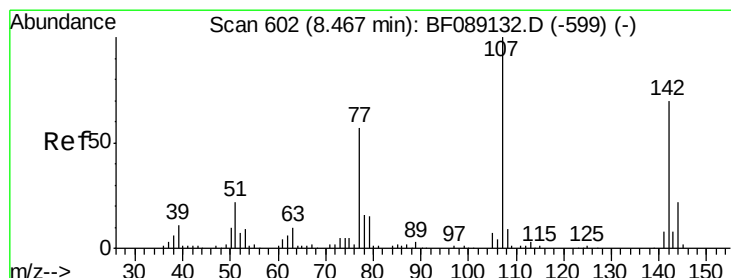
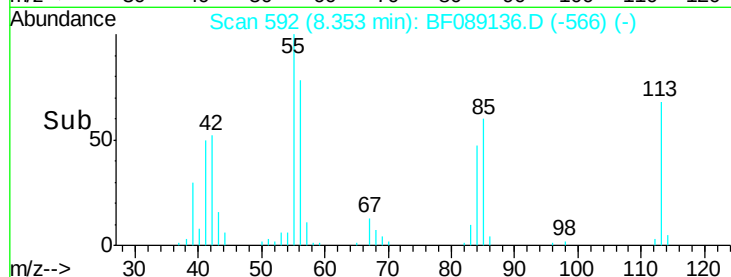
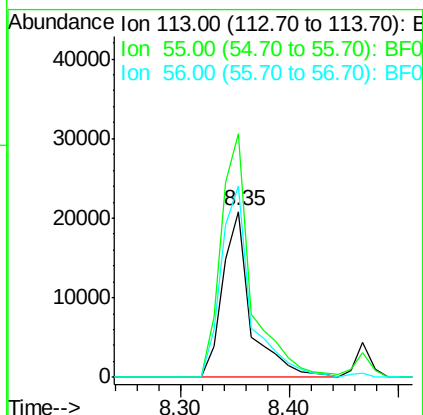
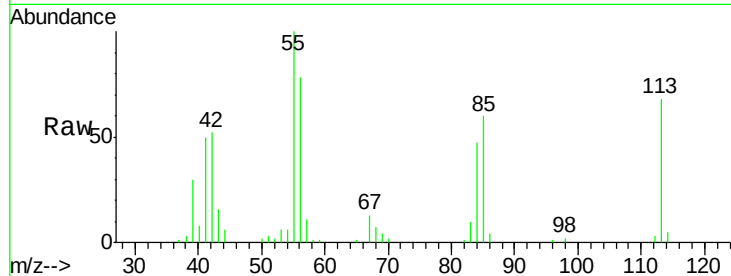




#35
 Caprolactam
 Concen: 43.53 ng
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

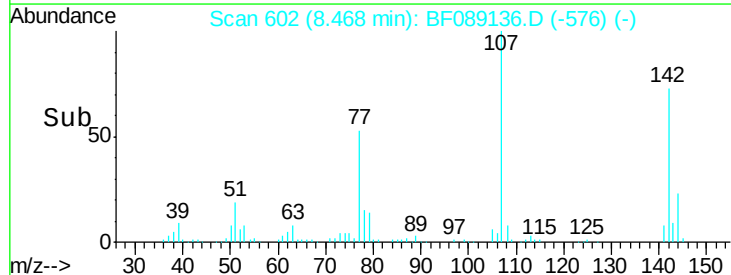
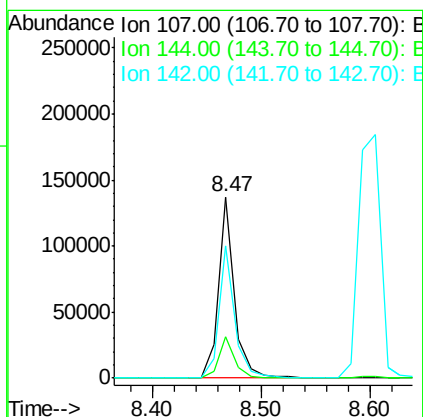
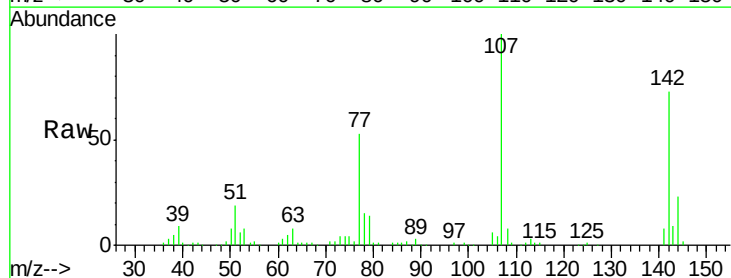
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

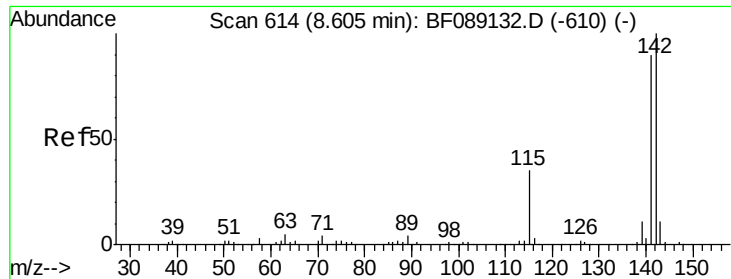
Tgt Ion:113 Resp: 37384
 Ion Ratio Lower Upper
 113 100
 55 146.6 145.3 185.3
 56 115.0 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 42.21 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:107 Resp: 140655
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.8 26.6
 142 72.7 56.1 84.1

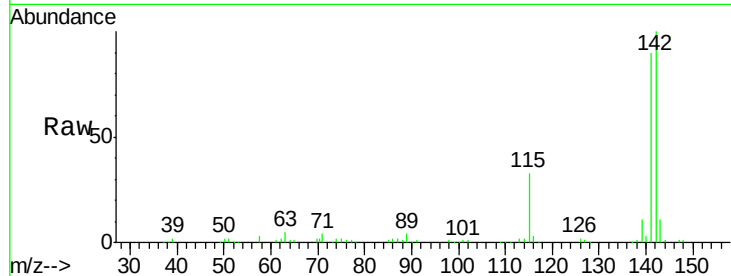




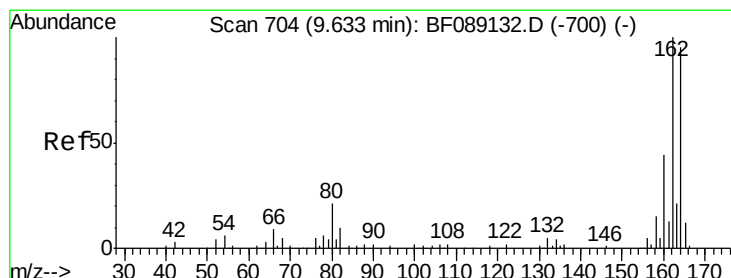
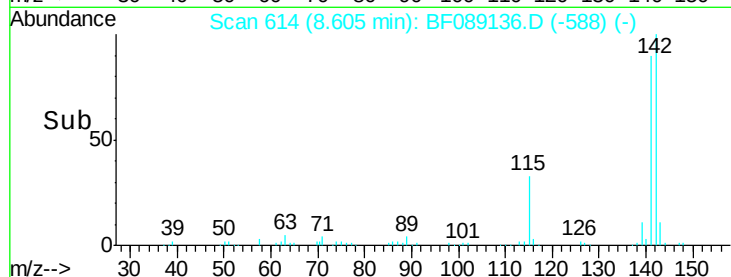
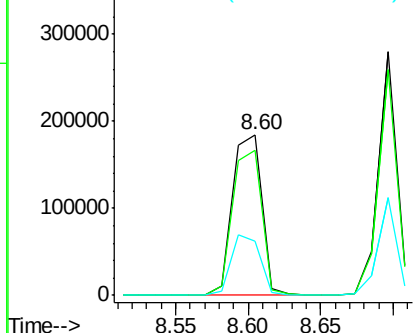
#37
 2-Methylnaphthalene
 Concen: 38.53 ng
 RT: 8.60 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:142 Resp: 260923
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.6 107.4
 115 33.5 27.6 41.4

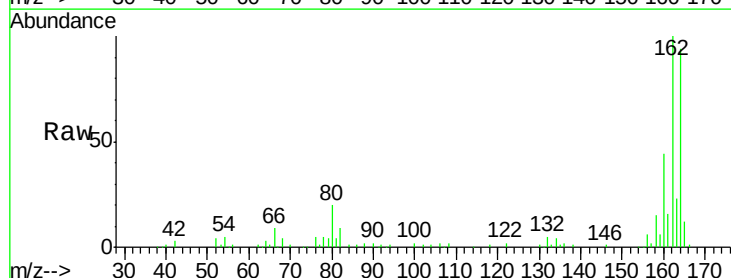


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

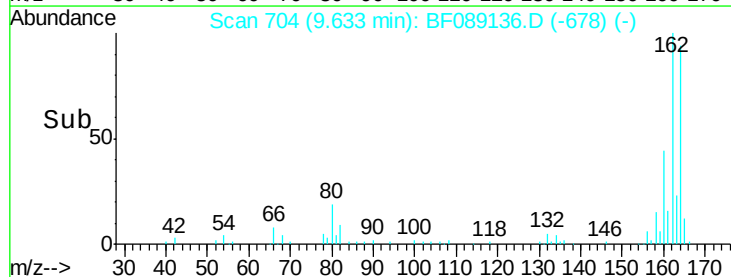
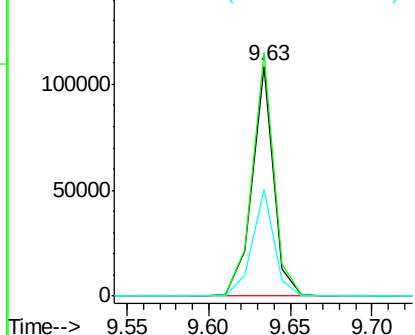


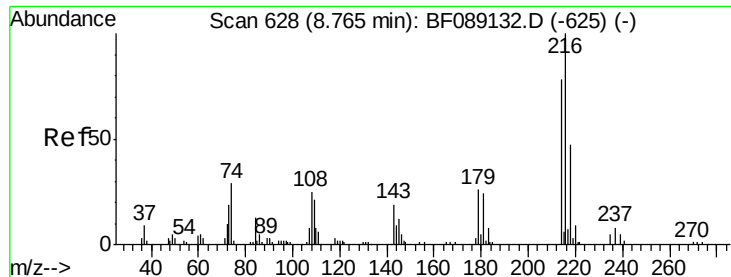
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:164 Resp: 98738
 Ion Ratio Lower Upper
 164 100
 162 106.0 84.1 126.1
 160 46.5 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: 36.75 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

Tgt Ion:216 Resp: 134883

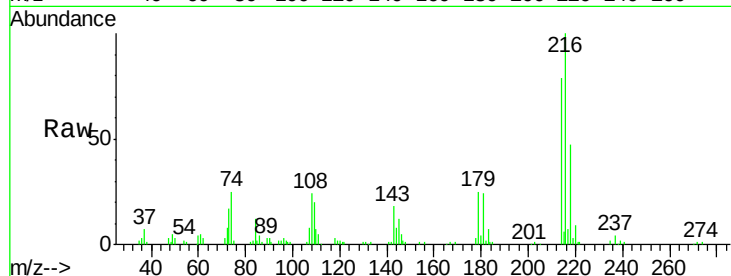
Ion Ratio Lower Upper

216 100

214 78.8 61.9 92.9

179 23.8 18.4 27.6

108 22.4 17.0 25.6

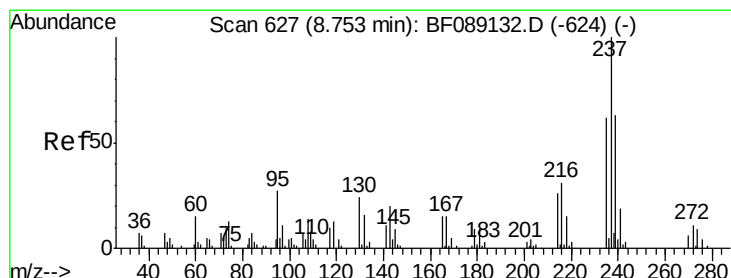
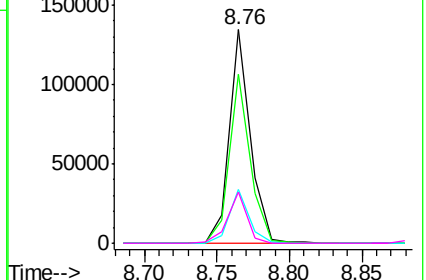
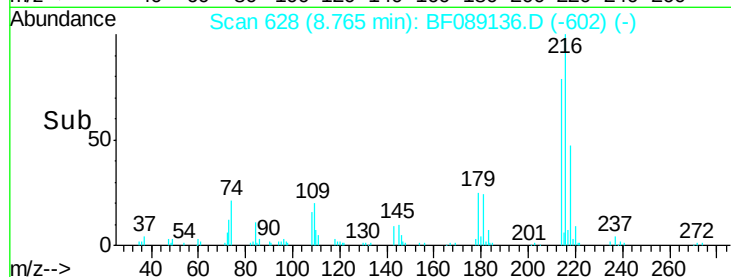


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.60 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

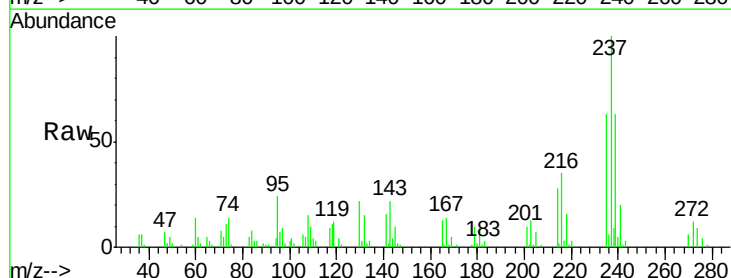
Tgt Ion:237 Resp: 41422

Ion Ratio Lower Upper

237 100

235 63.1 42.1 82.1

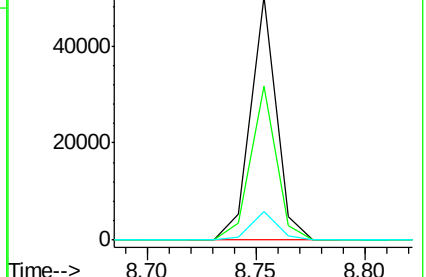
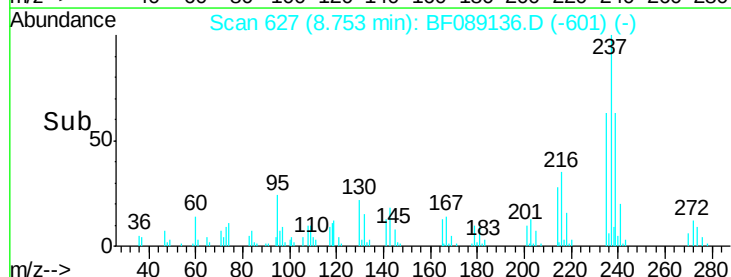
272 11.6 0.0 31.4

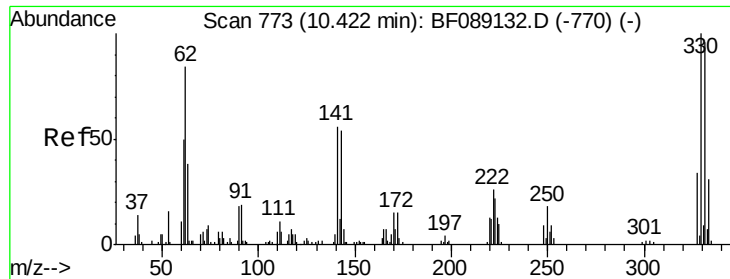


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

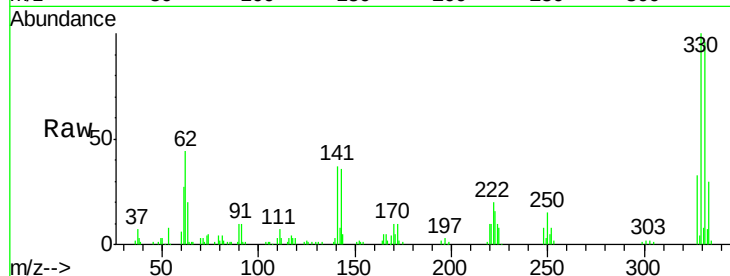




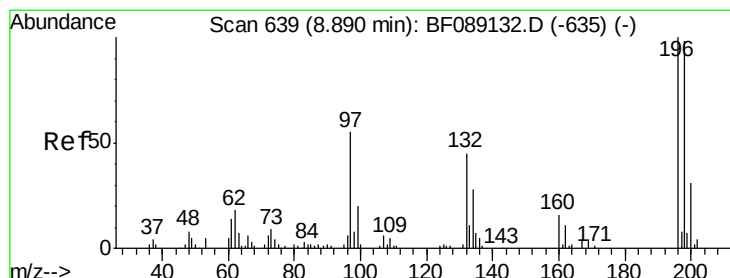
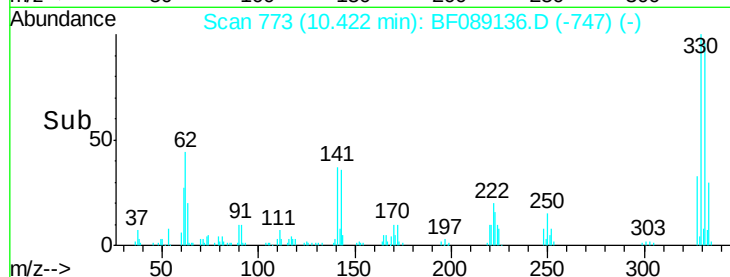
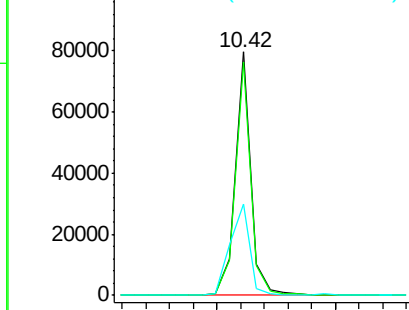
#41
 2,4,6-Tribromophenol
 Concen: 81.31 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:330 Resp: 72283
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 47.2 42.2 63.2

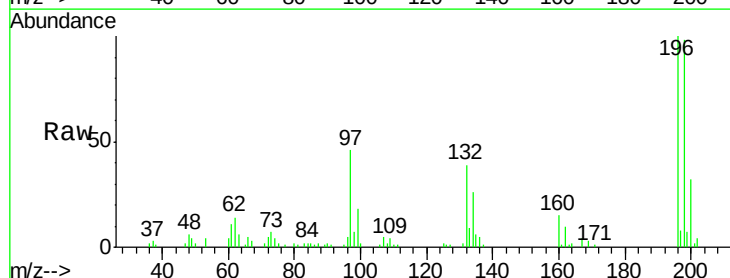


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

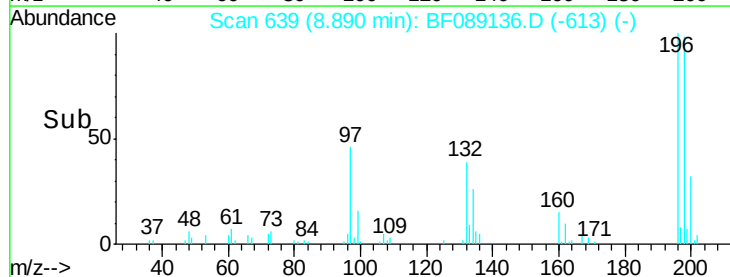
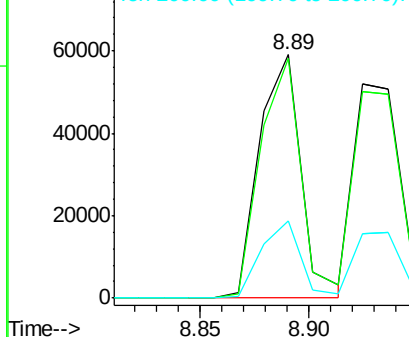


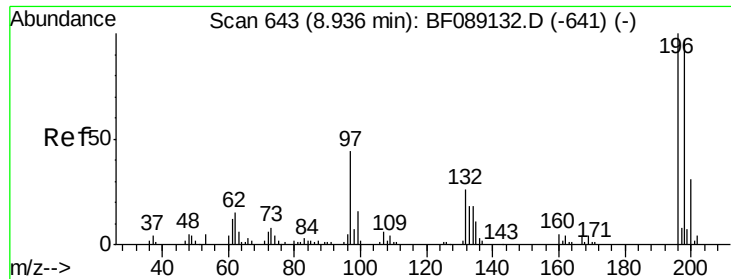
#42
 2,4,6-Trichlorophenol
 Concen: 38.54 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:196 Resp: 79164
 Ion Ratio Lower Upper
 196 100
 198 98.3 78.3 117.5
 200 31.7 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

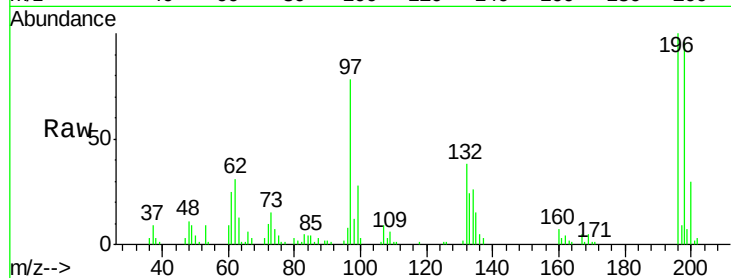




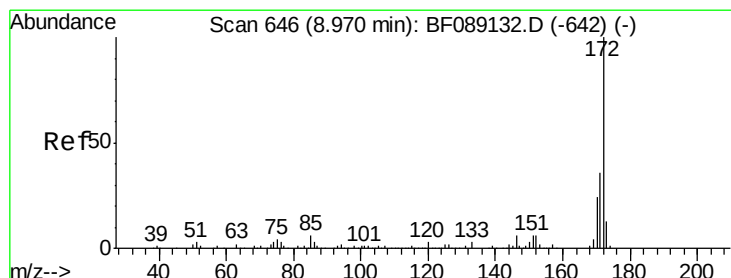
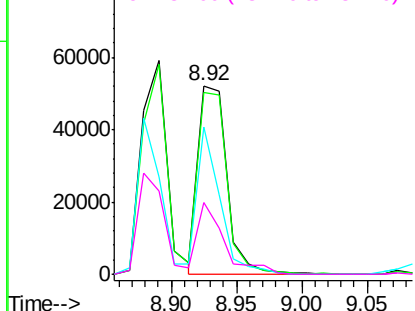
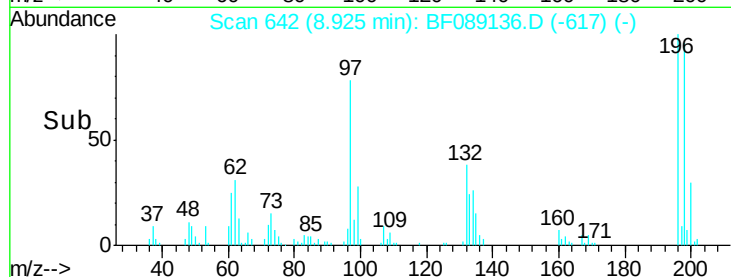
#43
 2,4,5-Trichlorophenol
 Concen: 39.02 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:196 Resp: 80457
 Ion Ratio Lower Upper
 196 100
 198 96.4 77.6 116.4
 97 77.9 36.5 54.7#
 132 38.0 21.2 31.8#

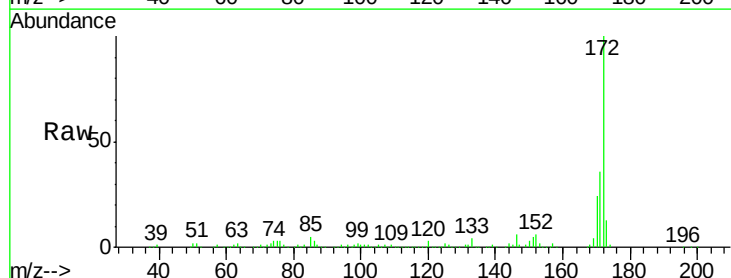


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

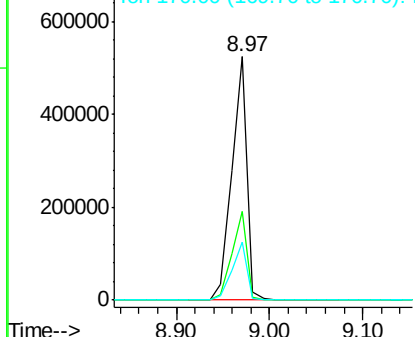
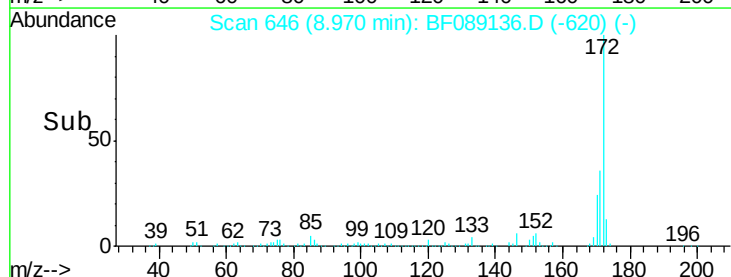


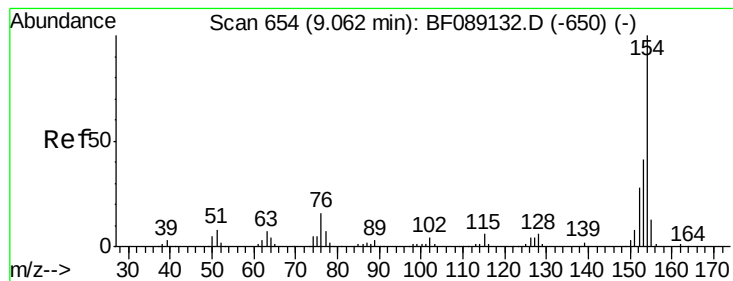
#44
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:172 Resp: 591628
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.2 43.8
 170 23.8 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: 36.53 ng

RT: 9.06 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

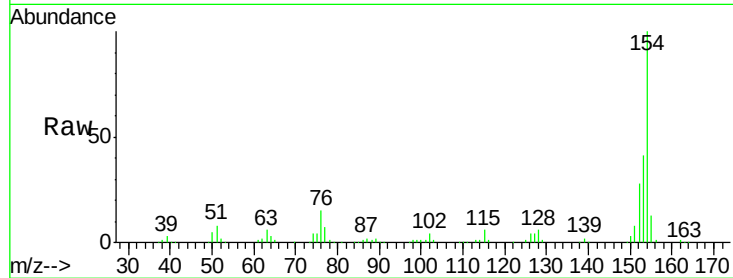
Tgt Ion:154 Resp: 324846

Ion Ratio Lower Upper

154 100

153 41.5 21.1 61.1

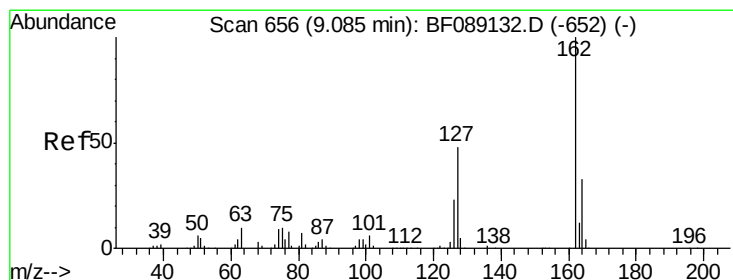
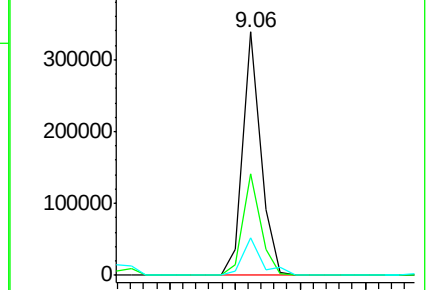
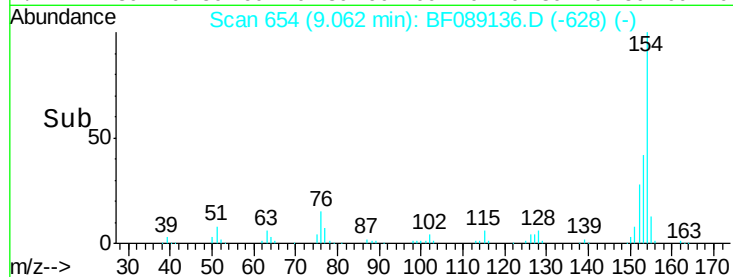
76 15.3 0.0 35.8



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: 38.43 ng

RT: 9.08 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

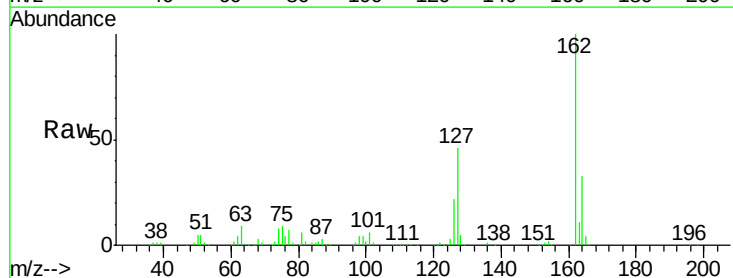
Tgt Ion:162 Resp: 259675

Ion Ratio Lower Upper

162 100

127 45.9 38.1 57.1

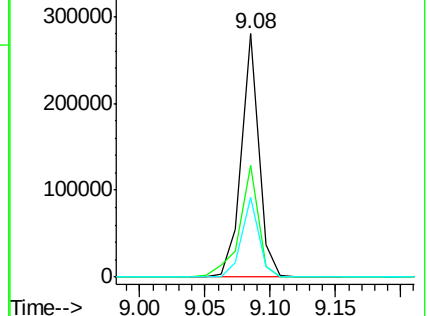
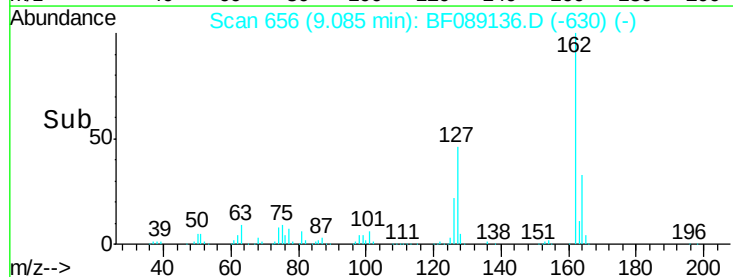
164 32.8 26.1 39.1

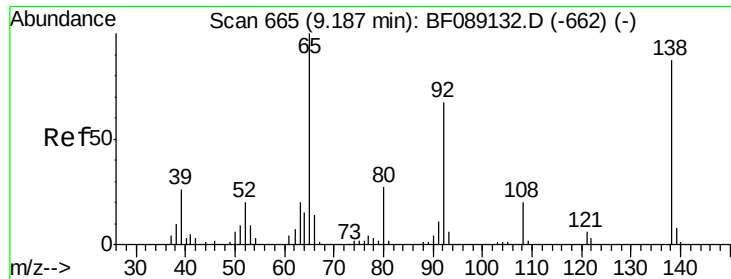


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

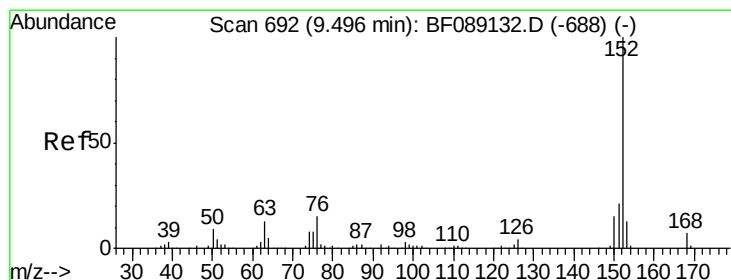
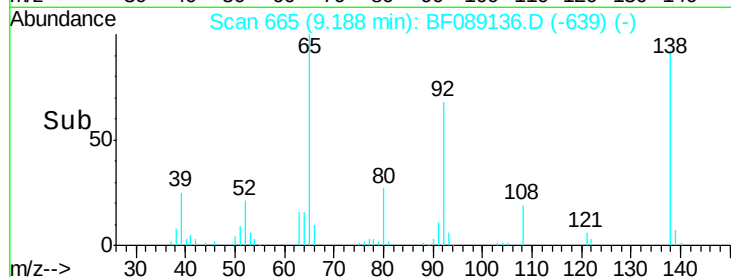
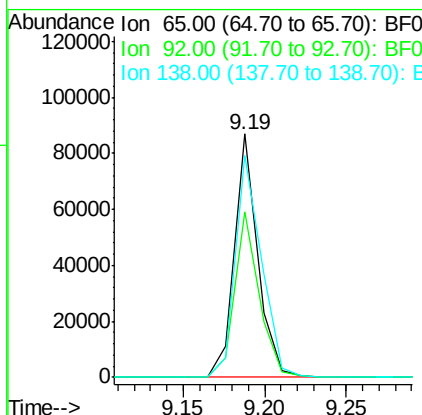
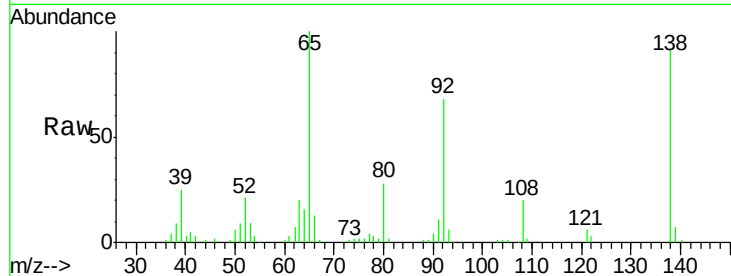




#47
2-Nitroaniline
Concen: 36.76 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

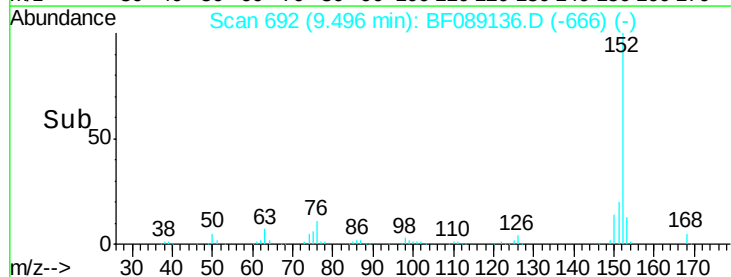
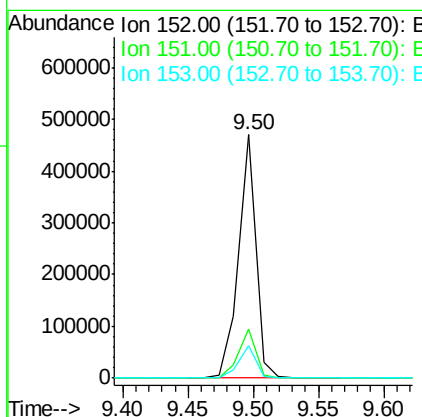
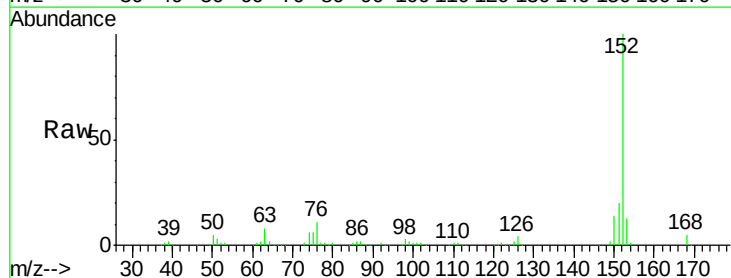
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

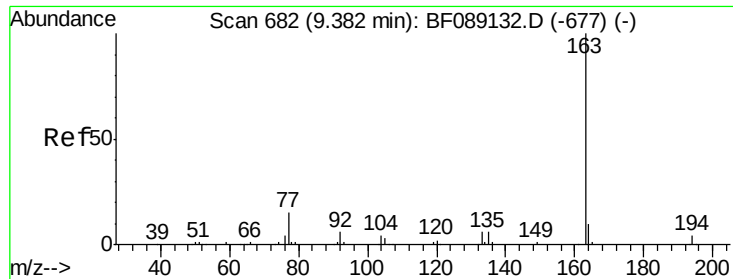
Tgt Ion: 65 Resp: 85198
Ion Ratio Lower Upper
65 100
92 67.9 53.2 79.8
138 91.2 69.4 104.2



#48
Acenaphthylene
Concen: 40.85 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion: 152 Resp: 433967
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 13.2 10.7 16.1

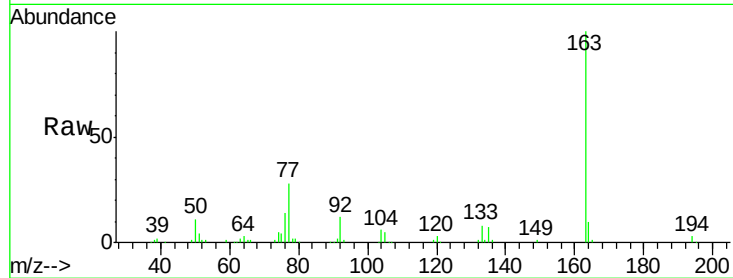




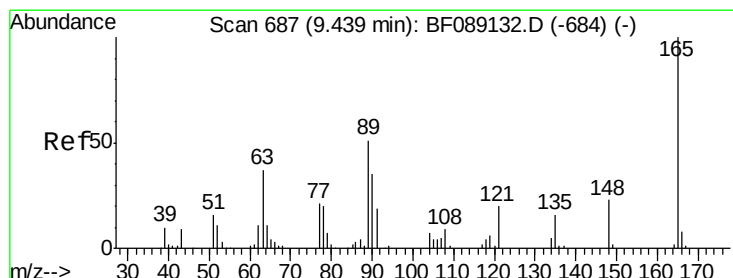
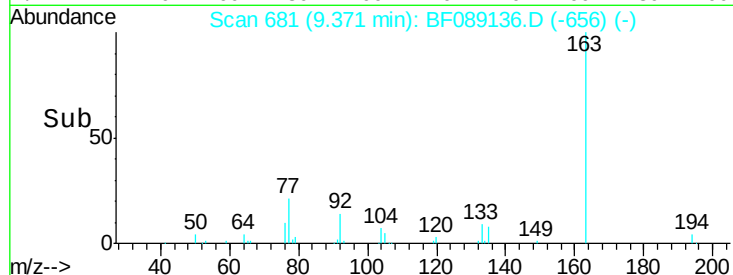
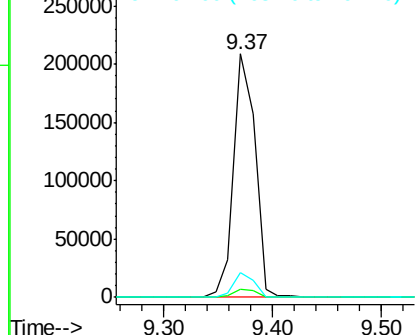
#49
Dimethylphthalate
Concen: 37.32 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
ICVBF072016

Tgt Ion:163 Resp: 282804
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.3 7.6 11.4

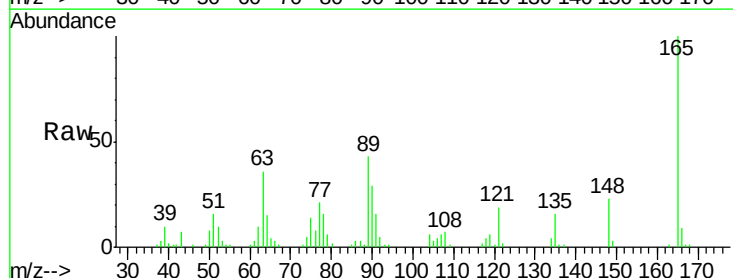


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

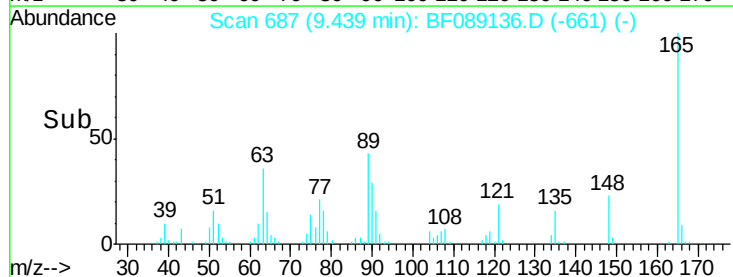
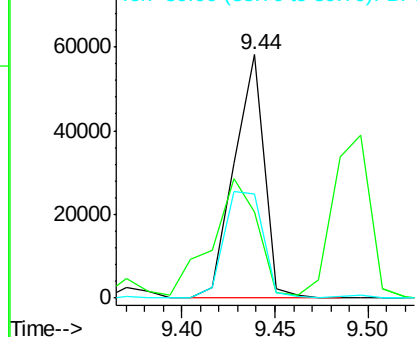


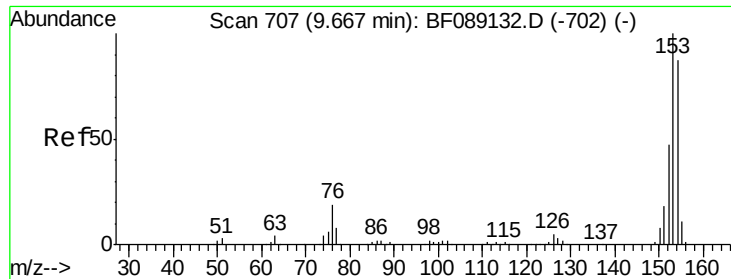
#50
2,6-Dinitrotoluene
Concen: 38.54 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:165 Resp: 65925
Ion Ratio Lower Upper
165 100
63 35.6 37.0 55.4#
89 42.7 40.9 61.3



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





#51

Acenaphthene

Concen: 39.84 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

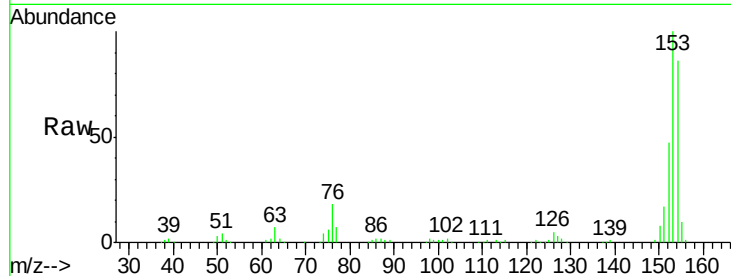
Tgt Ion:154 Resp: 250381

Ion Ratio Lower Upper

154 100

153 115.9 91.9 137.9

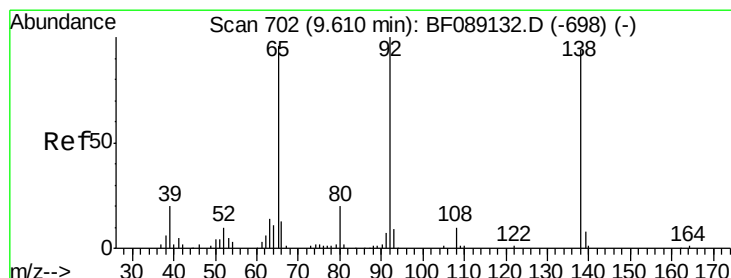
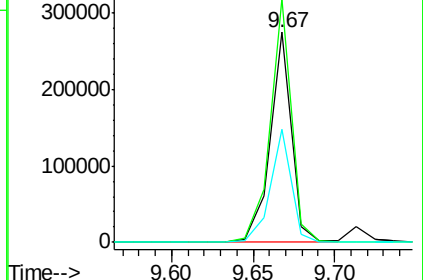
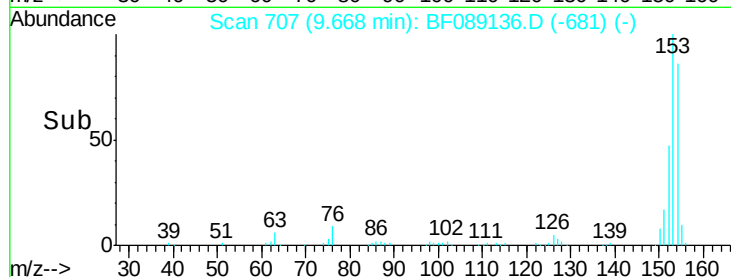
152 54.1 42.8 64.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 36.47 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

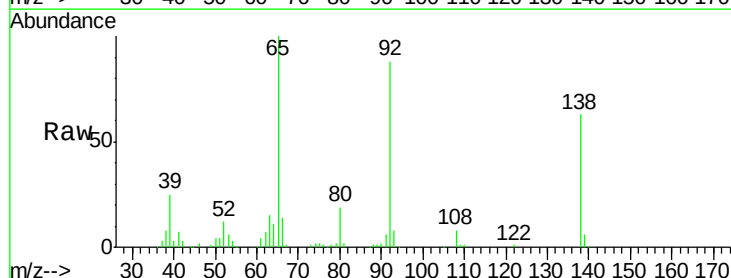
Tgt Ion:138 Resp: 74084

Ion Ratio Lower Upper

138 100

108 12.7 8.8 13.2

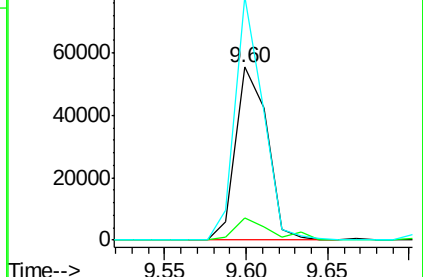
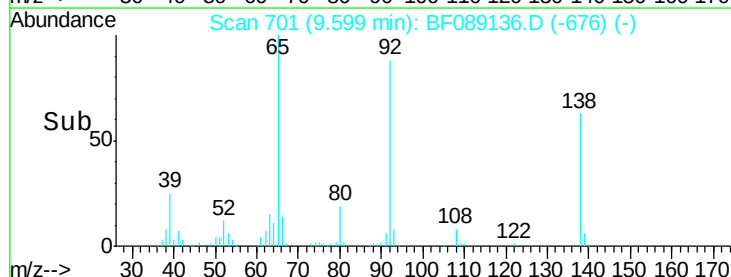
92 140.6 85.3 127.9#

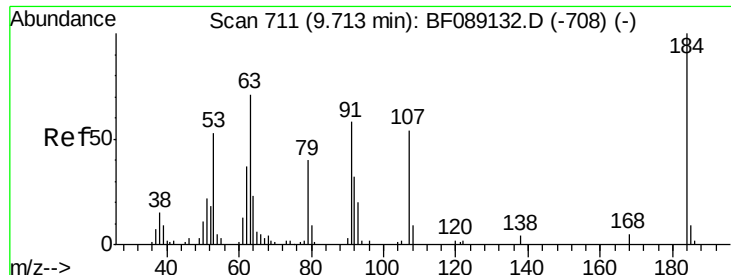


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

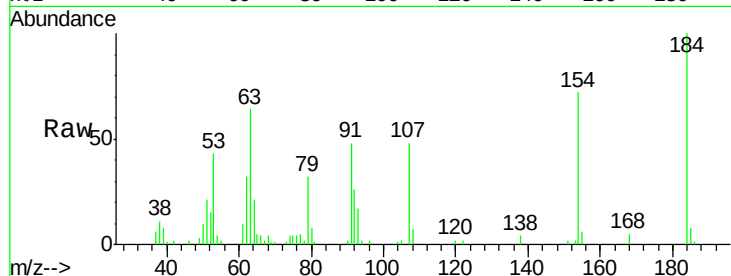




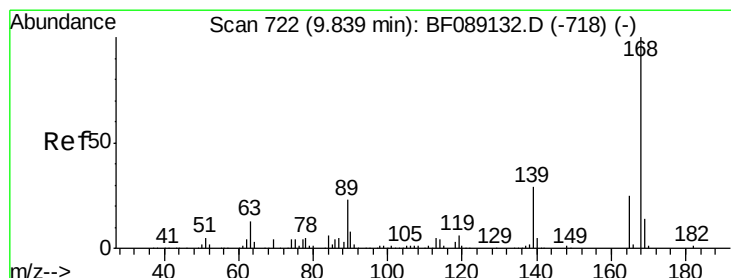
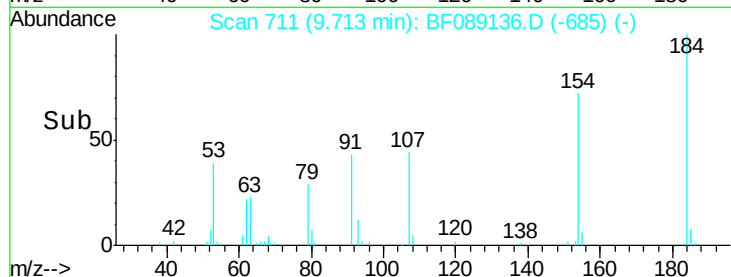
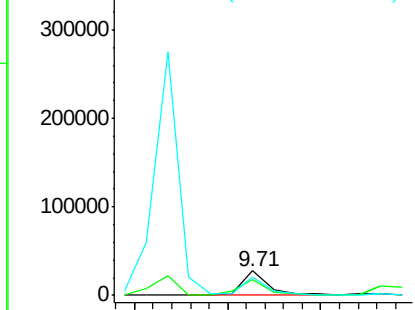
#53
2,4-Dinitrophenol
Concen: 37.28 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
ICVBF072016

Tgt Ion:184 Resp: 28072
Ion Ratio Lower Upper
184 100
63 63.9 60.3 90.5
154 72.3 60.7 91.1

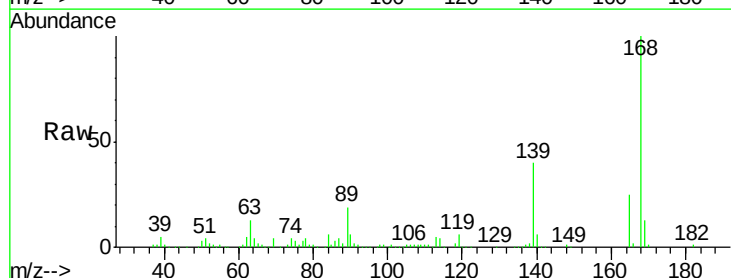


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

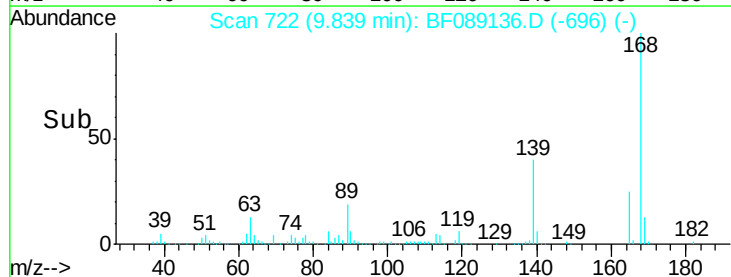
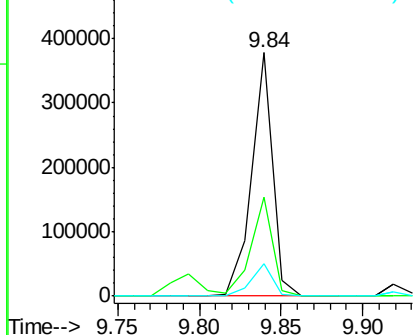


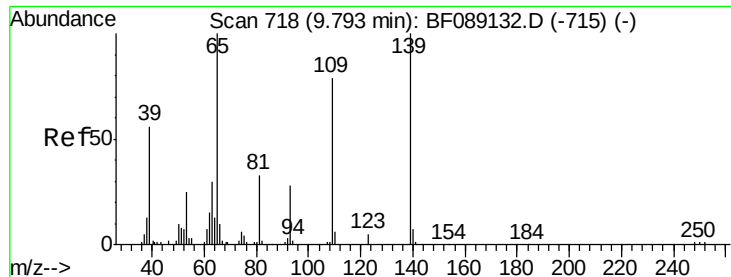
#54
Dibenzofuran
Concen: 39.95 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:168 Resp: 339198
Ion Ratio Lower Upper
168 100
139 40.4 34.4 51.6
169 13.1 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: 39.10 ng

RT: 9.79 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

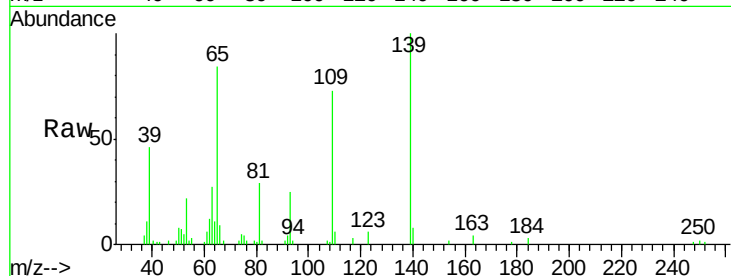
Tgt Ion:139 Resp: 48064

Ion Ratio Lower Upper

139 100

109 73.4 58.7 98.7

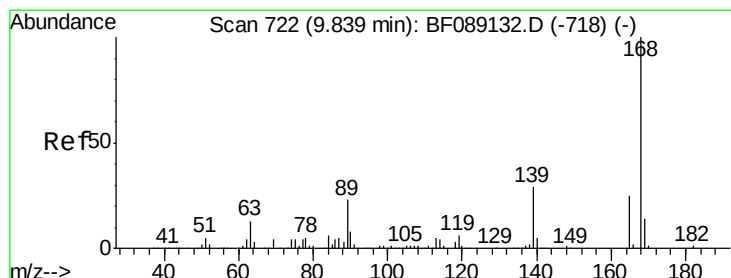
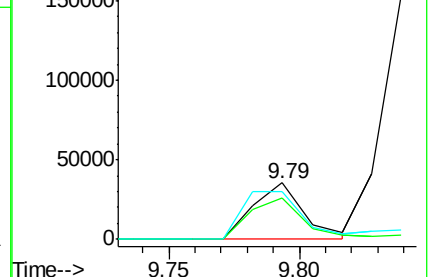
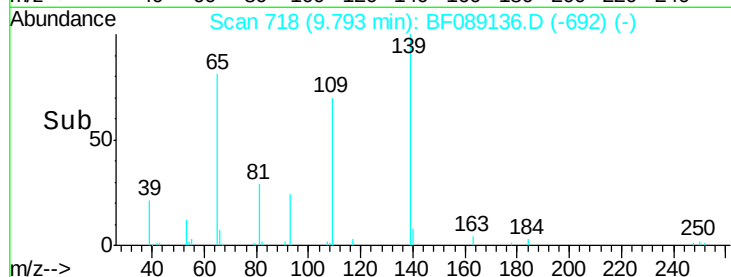
65 84.4 80.2 120.2



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): BF0



#56

2,4-Dinitrotoluene

Concen: 41.97 ng

RT: 9.84 min Scan# 722

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Tgt Ion:165 Resp: 92481

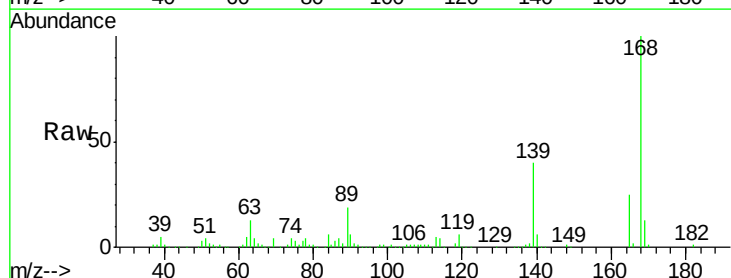
Ion Ratio Lower Upper

165 100

63 53.7 55.4 83.2#

89 75.5 74.3 111.5

182 2.6 2.0 3.0

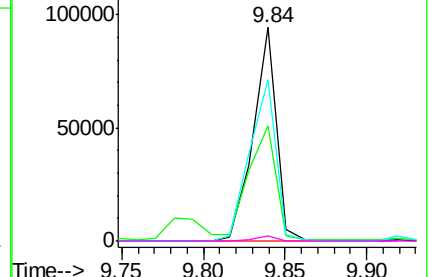
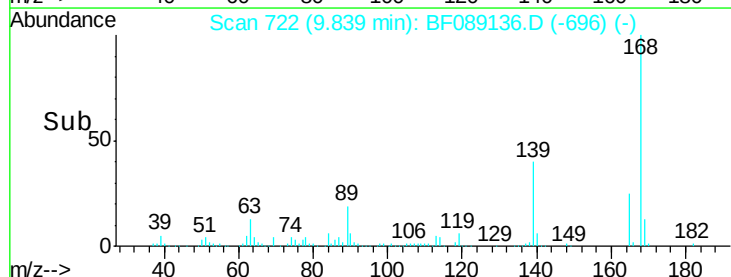


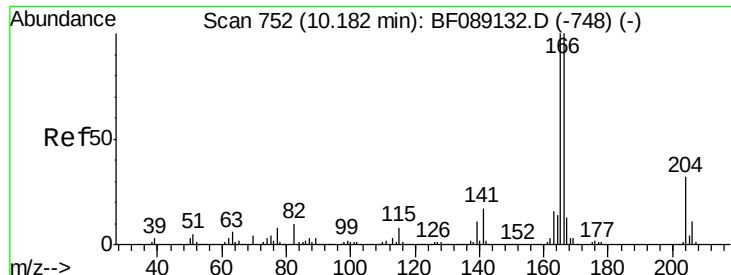
Abundance Ion 165.00 (164.70 to 165.70): E

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

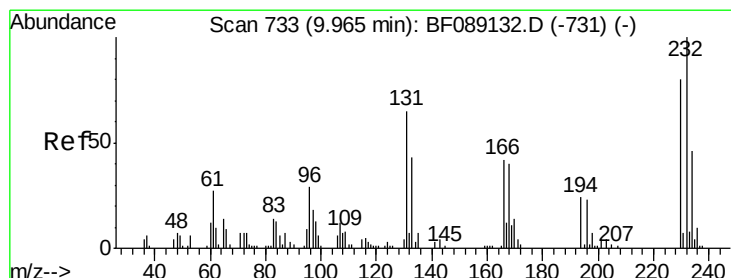
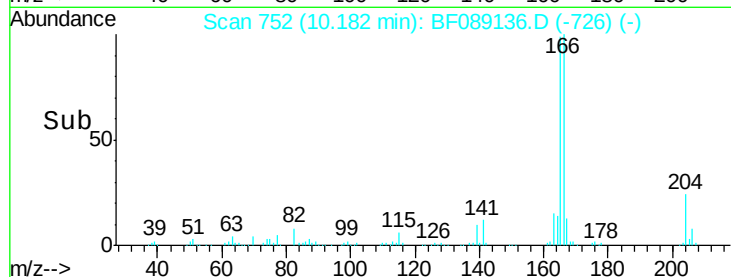
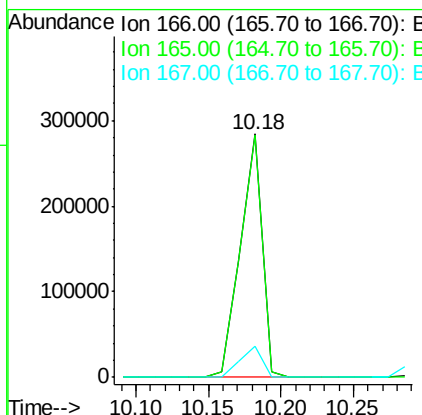
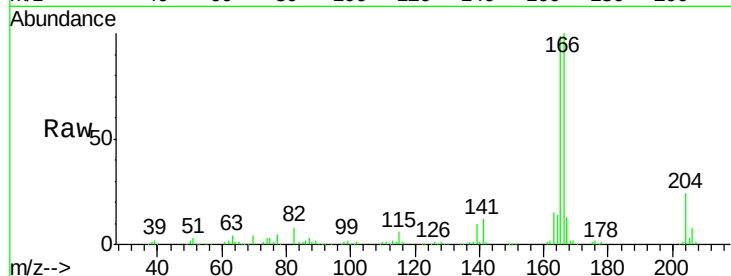




#57
 Fluorene
 Concen: 41.35 ng
 RT: 10.18 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

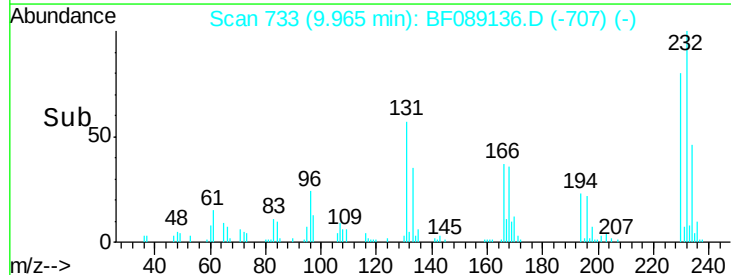
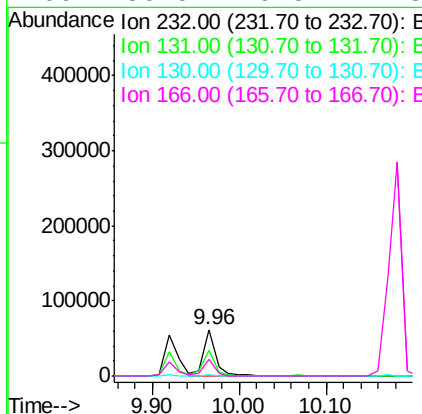
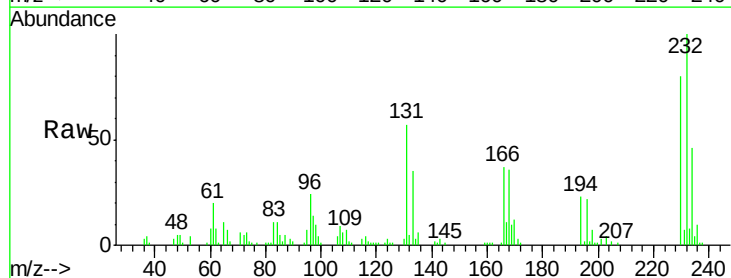
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

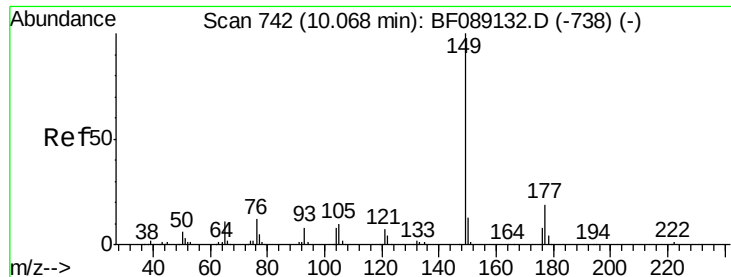
Tgt Ion:166 Resp: 298058
 Ion Ratio Lower Upper
 166 100
 165 99.3 79.9 119.9
 167 12.9 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.35 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:232 Resp: 61236
 Ion Ratio Lower Upper
 232 100
 131 54.9 46.2 69.2
 130 2.4 2.3 3.5
 166 36.0 29.5 44.3

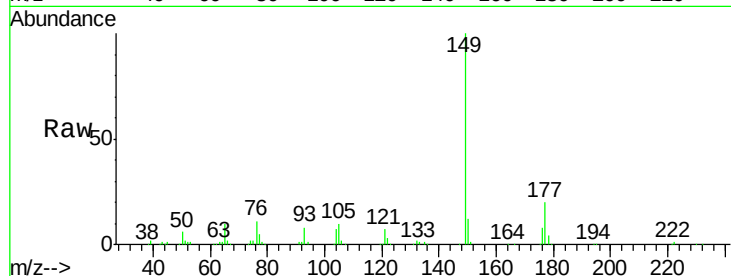




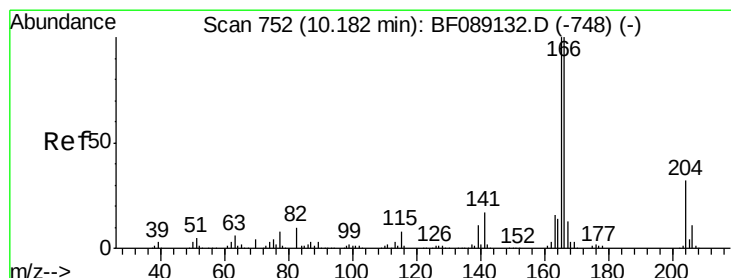
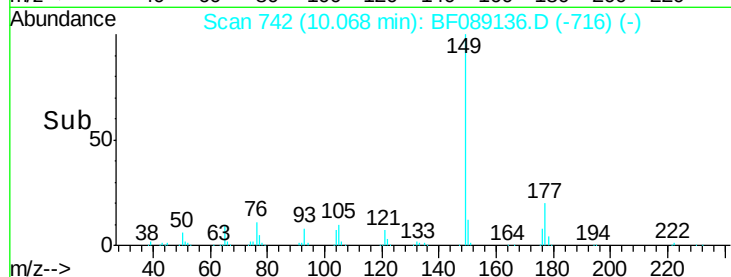
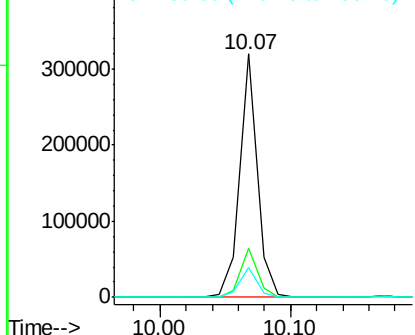
#59
Diethylphthalate
Concen: 39.53 ng
RT: 10.07 min Scan# 742
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Instrument :
BNA_F
ClientSampleId :
ICVBF072016

Tgt Ion:149 Resp: 296981
Ion Ratio Lower Upper
149 100
177 19.9 15.6 23.4
150 12.5 10.1 15.1

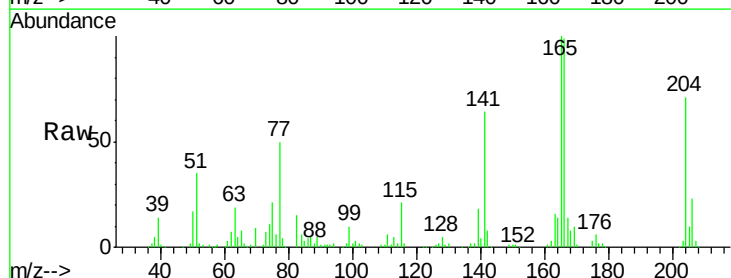


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

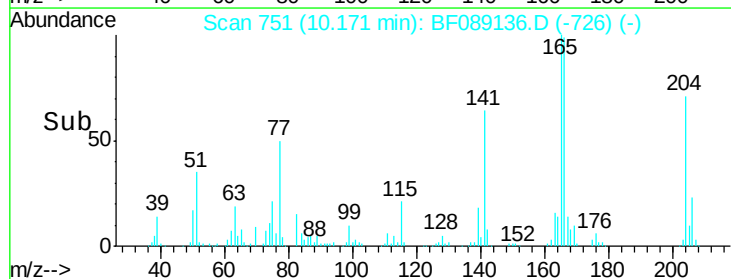
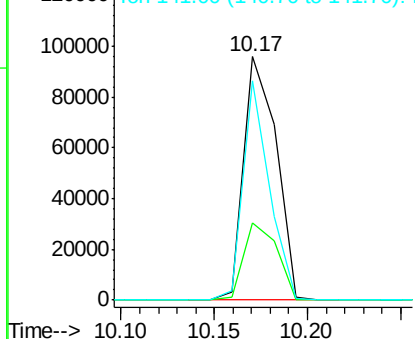


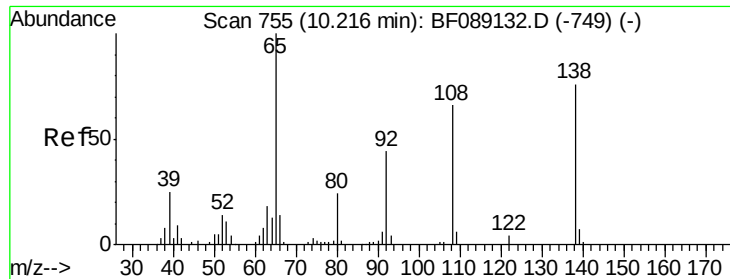
#60
4-Chlorophenyl-phenylether
Concen: 35.36 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:204 Resp: 116349
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.4
141 90.0 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

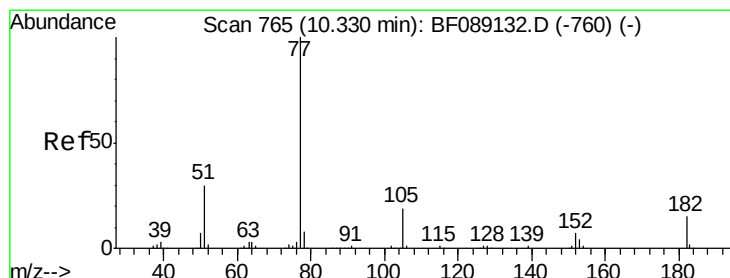
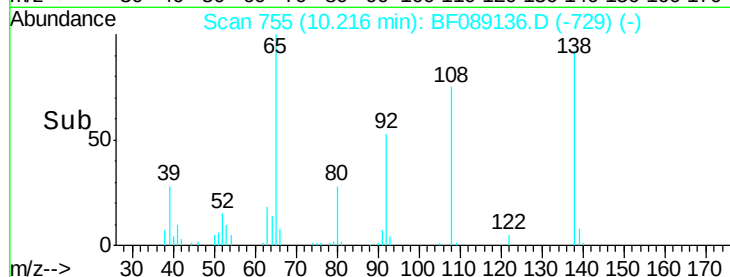
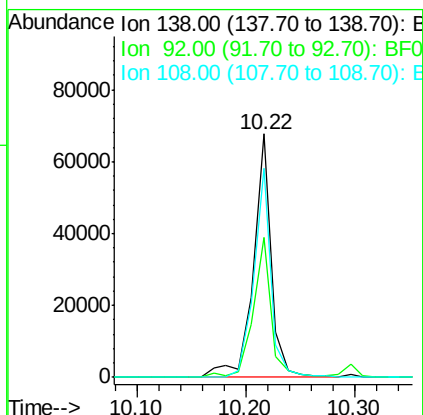
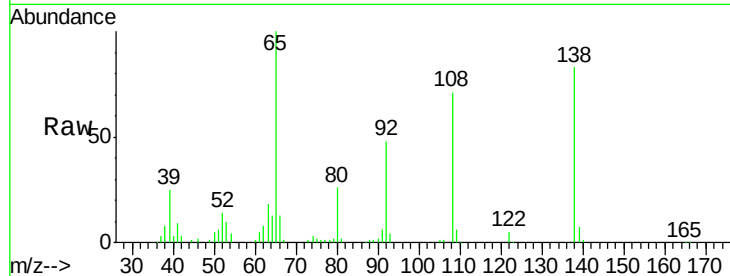




#61
4-Nitroaniline
Concen: 39.63 ng
RT: 10.22 min Scan# 755
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

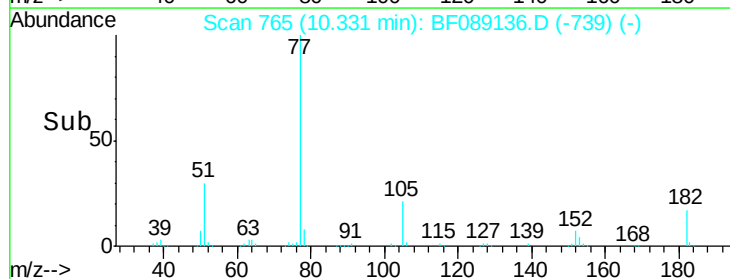
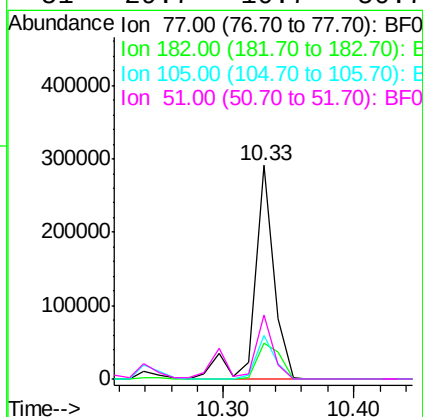
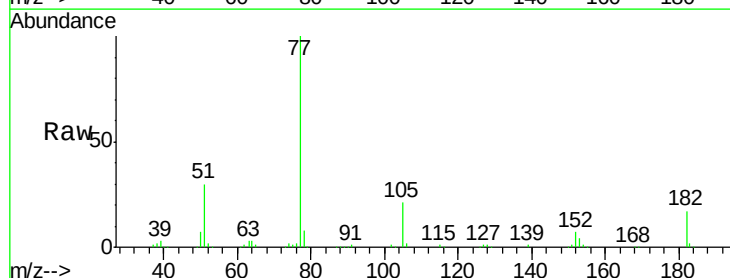
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

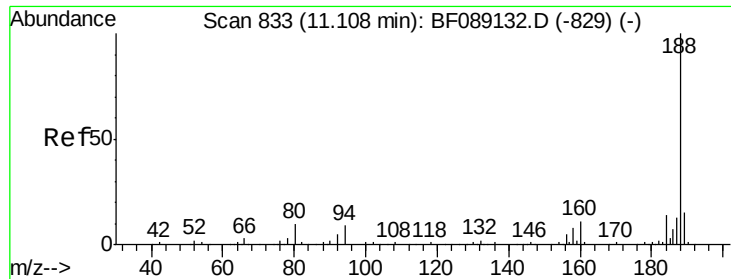
Tgt Ion:138 Resp: 78323
Ion Ratio Lower Upper
138 100
92 57.3 37.2 77.2
108 85.7 66.1 106.1



#62
Azobenzene
Concen: 37.23 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion: 77 Resp: 303978
Ion Ratio Lower Upper
77 100
182 16.7 0.0 35.0
105 20.5 0.0 39.4
51 29.7 10.7 50.7

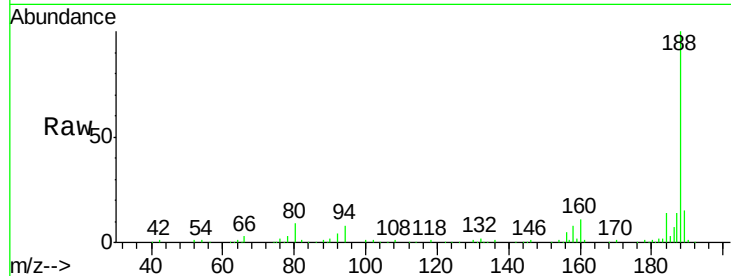




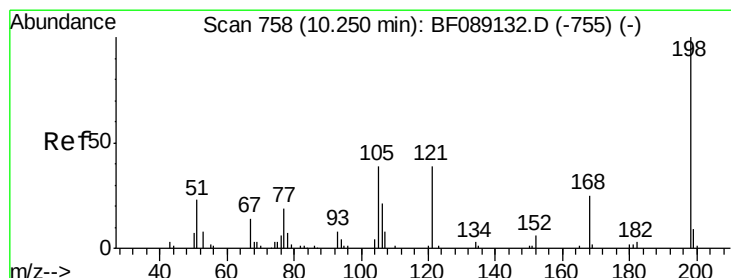
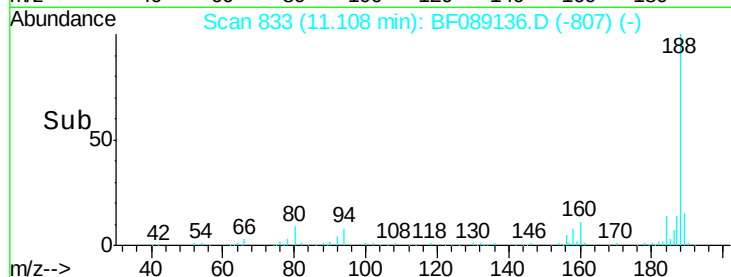
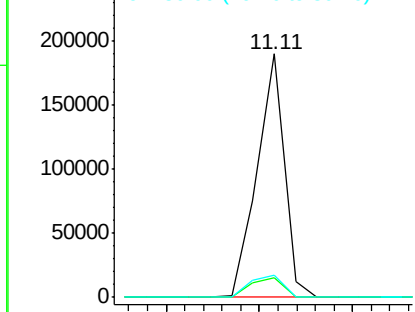
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:188 Resp: 191423
 Ion Ratio Lower Upper
 188 100
 94 8.0 7.0 10.4
 80 8.9 7.7 11.5

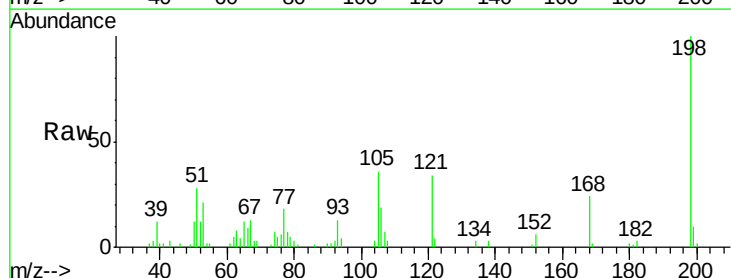


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

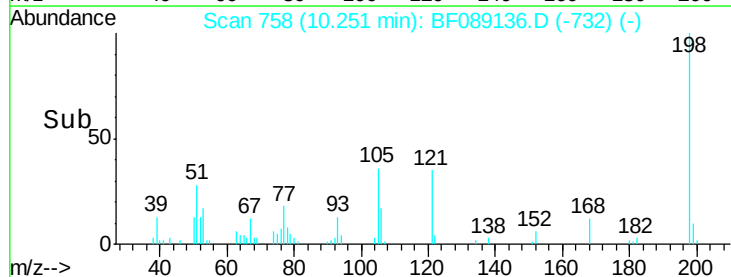
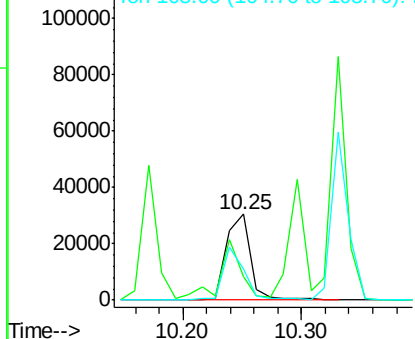


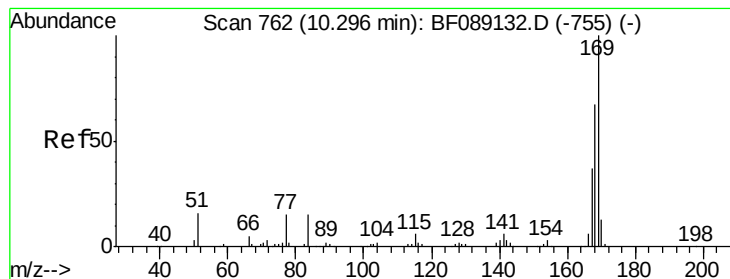
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.45 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:198 Resp: 42845
 Ion Ratio Lower Upper
 198 100
 51 27.7 11.7 51.7
 105 35.7 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: 38.38 ng

RT: 10.30 min Scan# 762

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

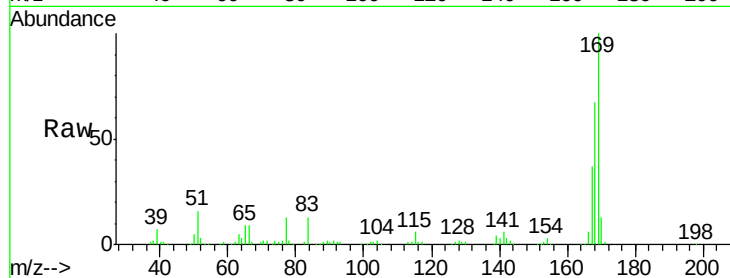
Tgt Ion:169 Resp: 245520

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

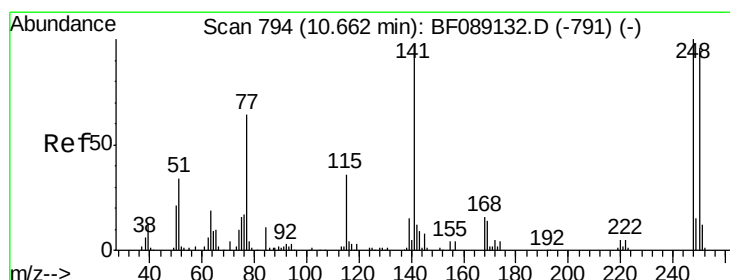
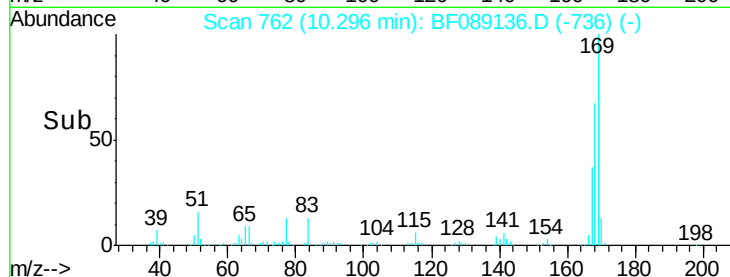
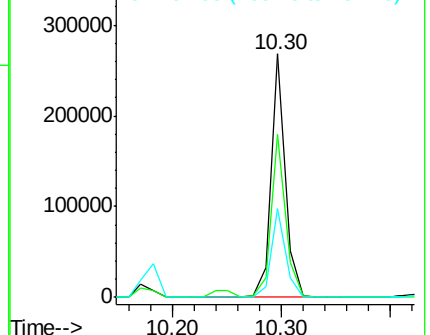
167 36.5 29.5 44.3



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: 41.01 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

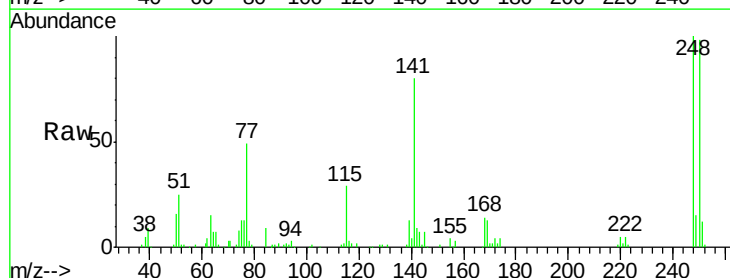
Tgt Ion:248 Resp: 77677

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

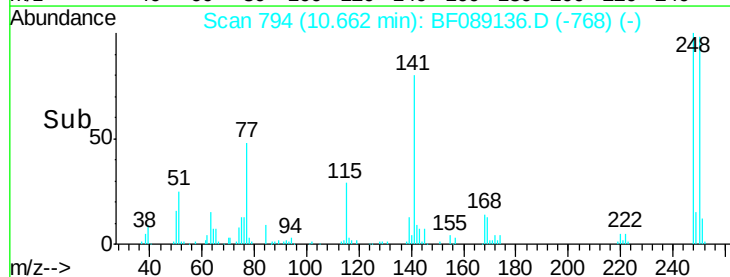
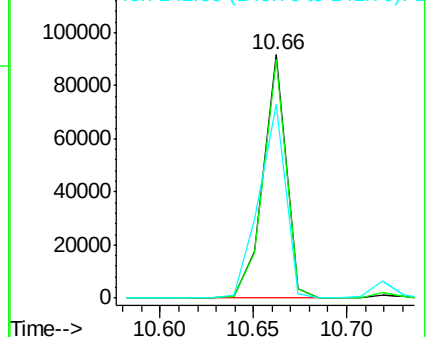
141 79.7 77.4 116.2

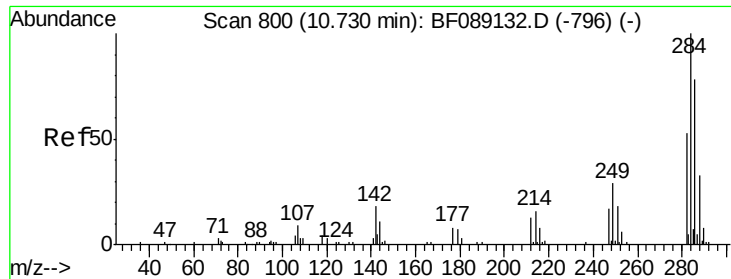


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

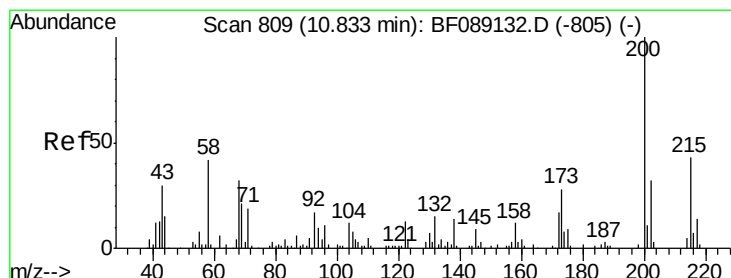
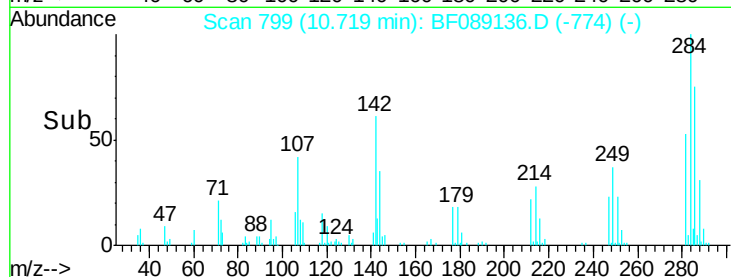
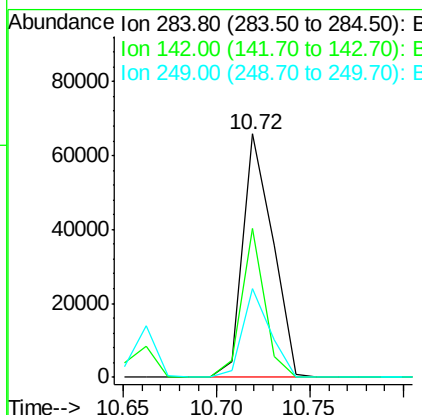
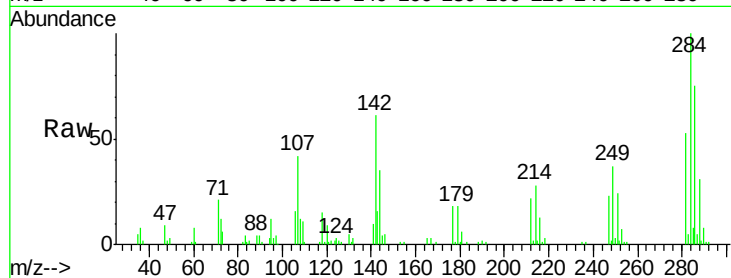




#67
Hexachlorobenzene
Concen: 35.98 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

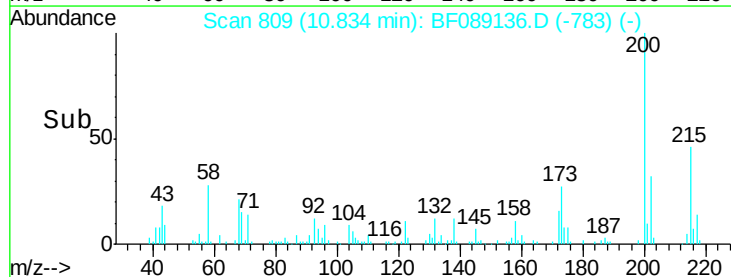
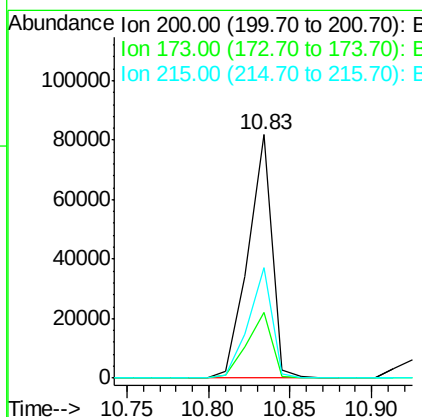
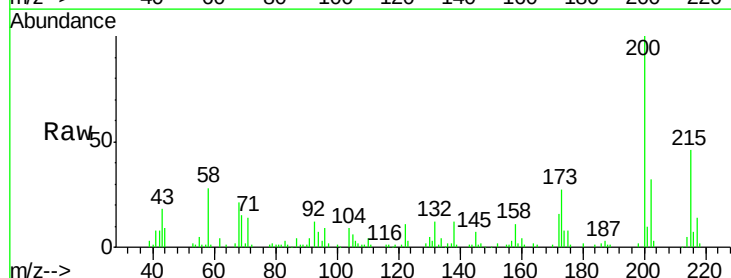
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

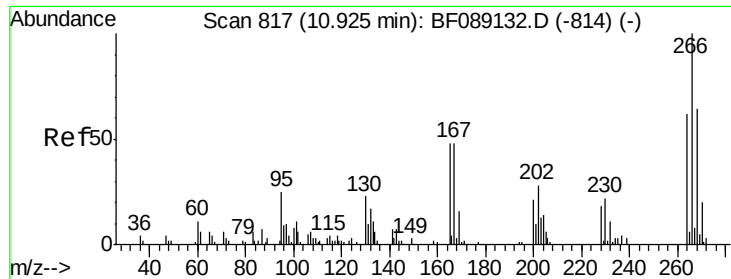
Tgt Ion:284 Resp: 73304
Ion Ratio Lower Upper
284 100
142 61.1 14.1 21.1#
249 36.6 23.0 34.4#



#68
Atrazine
Concen: 41.73 ng
RT: 10.83 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:200 Resp: 83483
Ion Ratio Lower Upper
200 100
173 26.9 7.8 47.8
215 45.6 22.9 62.9

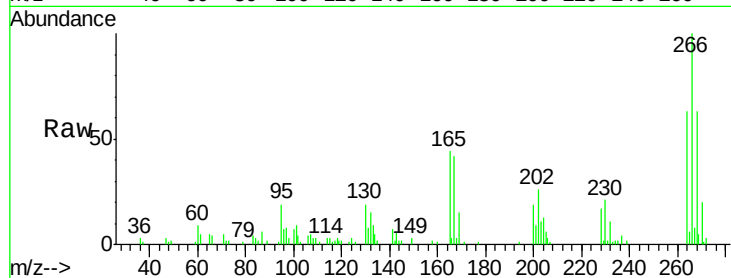




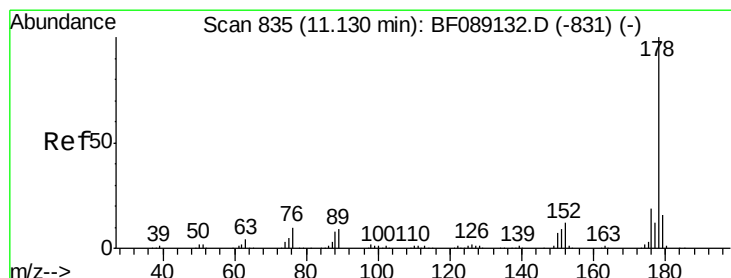
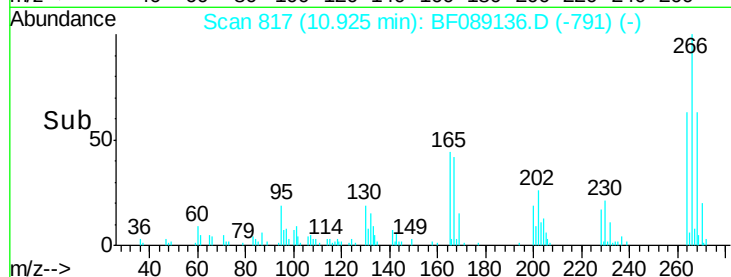
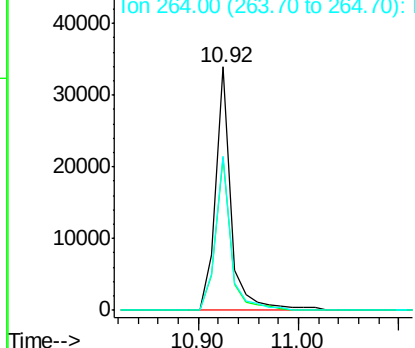
#69
 Pentachlorophenol
 Concen: 38.83 ng
 RT: 10.92 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:266 Resp: 36500
 Ion Ratio Lower Upper
 266 100
 268 62.5 51.2 76.8
 264 63.4 49.7 74.5

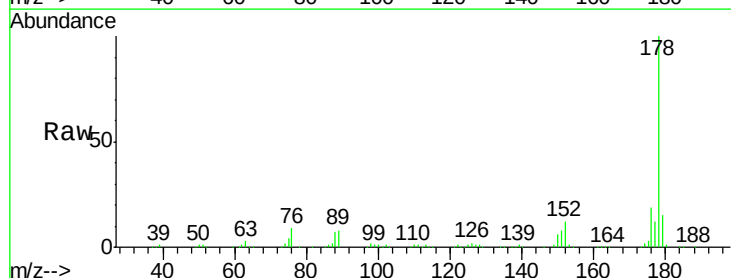


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

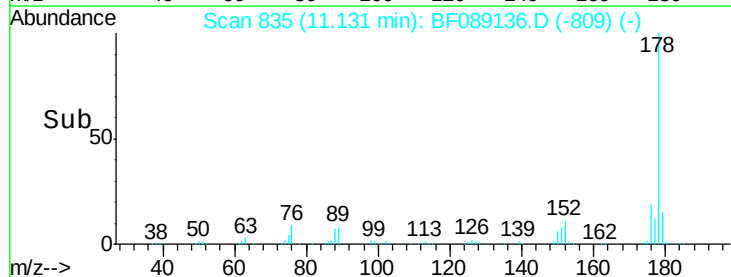
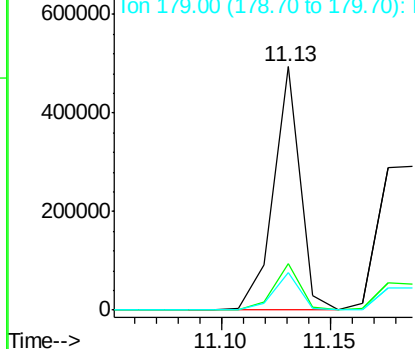


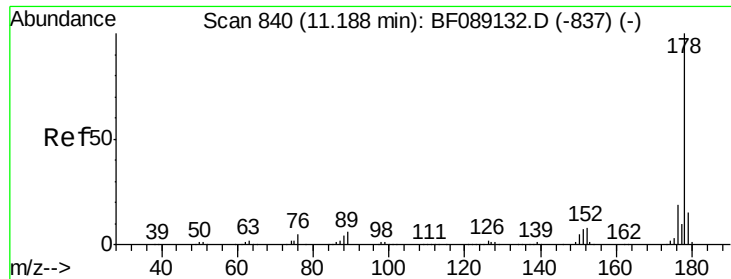
#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:178 Resp: 424474
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 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

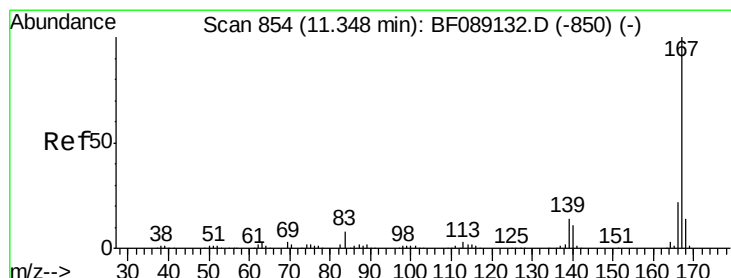
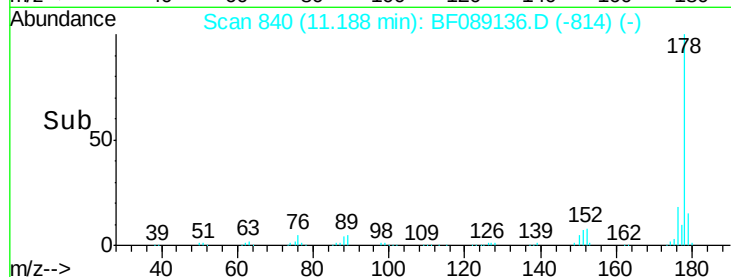
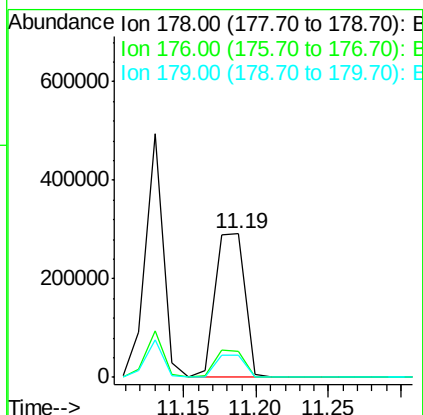
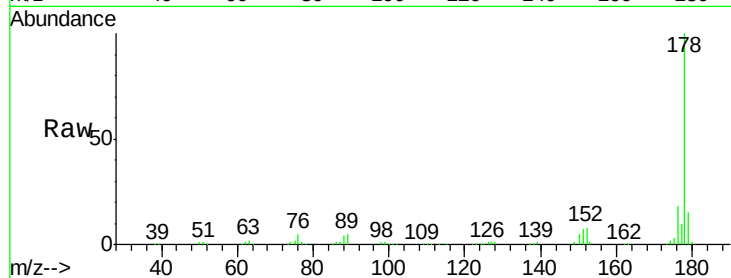




#71
 Anthracene
 Concen: 37.80 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

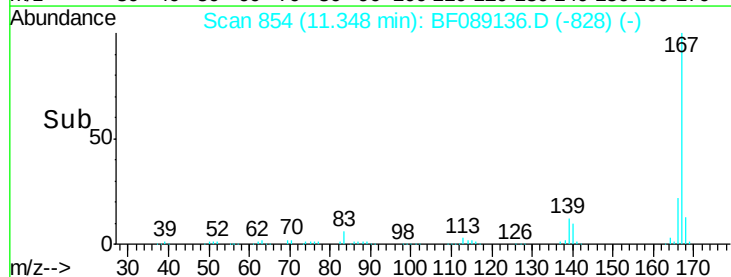
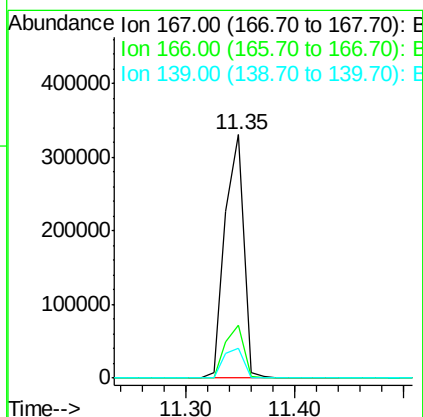
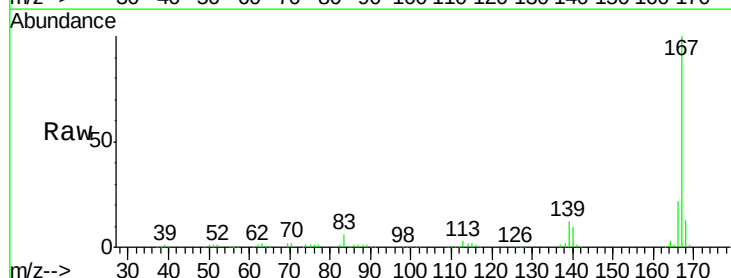
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

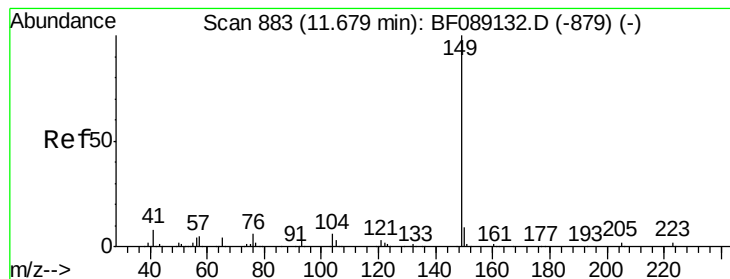
Tgt Ion:178 Resp: 412602
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.9 22.3
 179 15.1 12.0 18.0



#72
 Carbazole
 Concen: 41.11 ng
 RT: 11.35 min Scan# 854
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:167 Resp: 394153
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.4 11.0 16.4





#73

Di-n-butylphthalate

Concen: 38.01 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

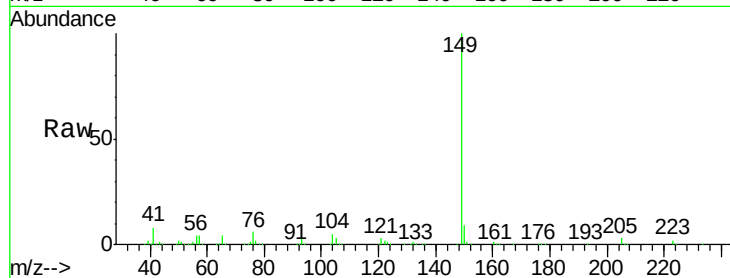
Tgt Ion:149 Resp: 450706

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

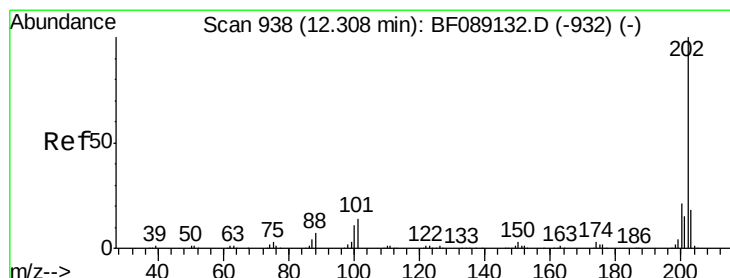
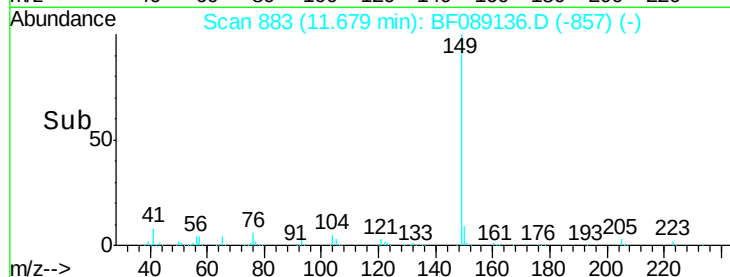
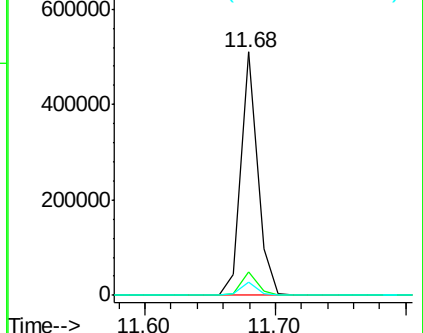
104 5.5 4.6 6.8



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: 38.72 ng

RT: 12.31 min Scan# 938

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

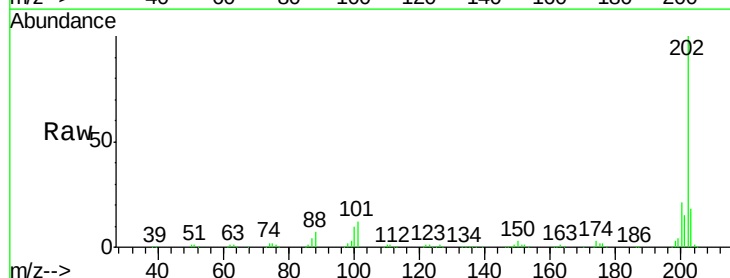
Tgt Ion:202 Resp: 427369

Ion Ratio Lower Upper

202 100

101 12.5 0.0 34.0

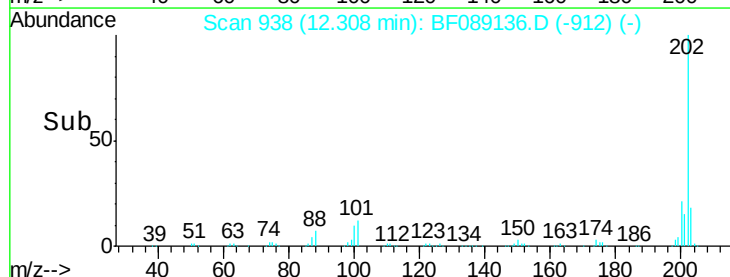
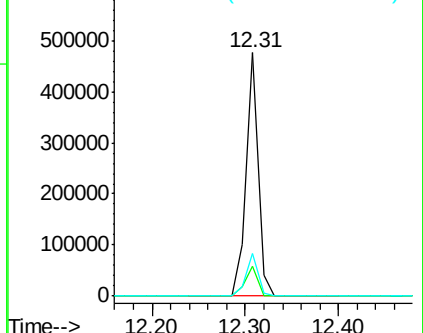
203 17.7 0.0 37.8

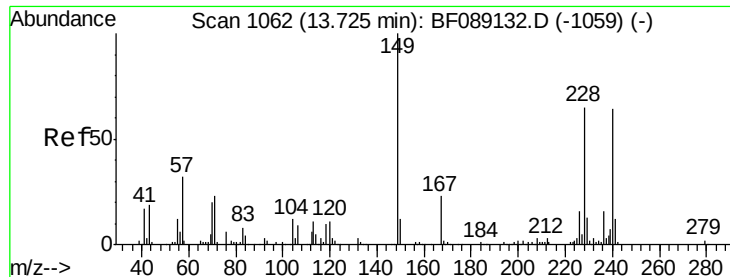


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

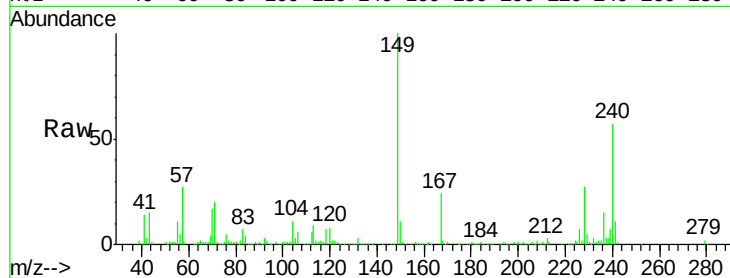
Tgt Ion:240 Resp: 144422

Ion Ratio Lower Upper

240 100

120 14.1 13.6 20.4

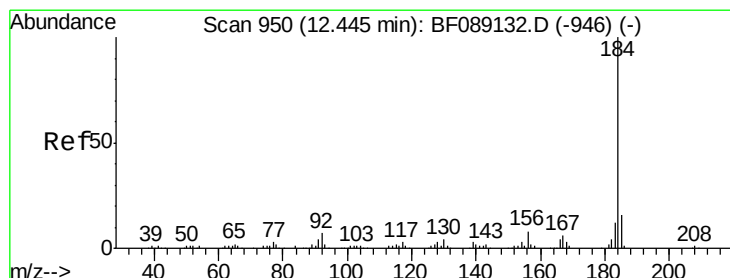
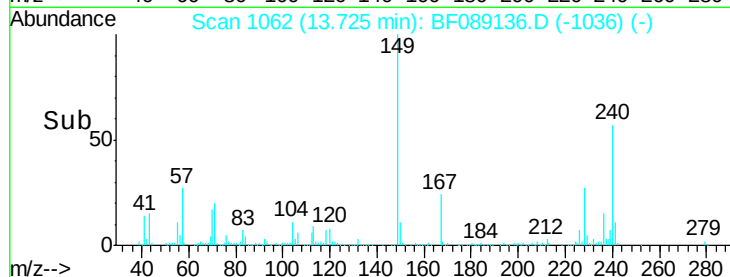
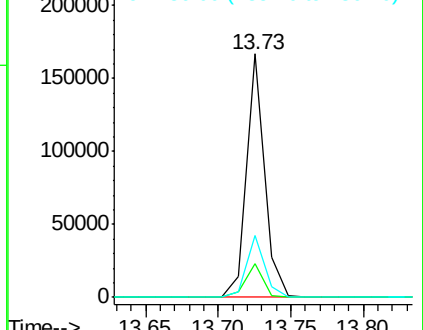
236 25.6 20.5 30.7



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: 37.51 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

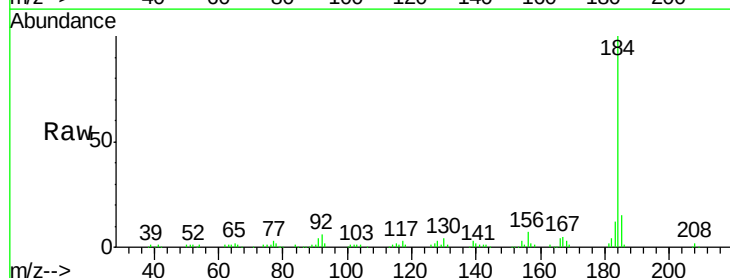
Tgt Ion:184 Resp: 186258

Ion Ratio Lower Upper

184 100

185 15.2 12.5 18.7

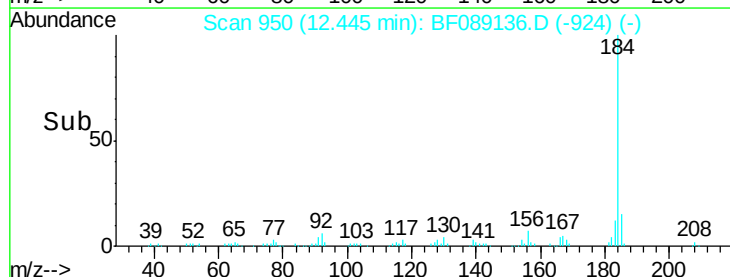
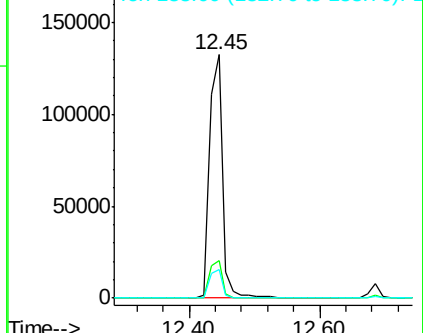
183 11.9 9.6 14.4

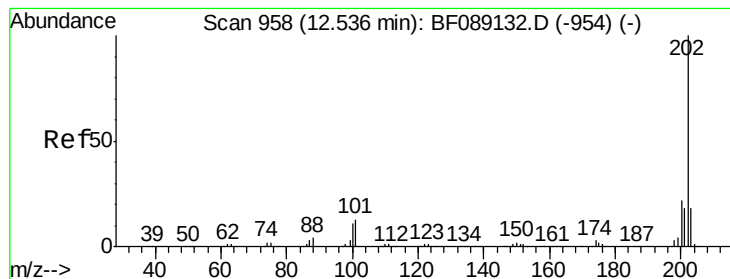


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.61 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

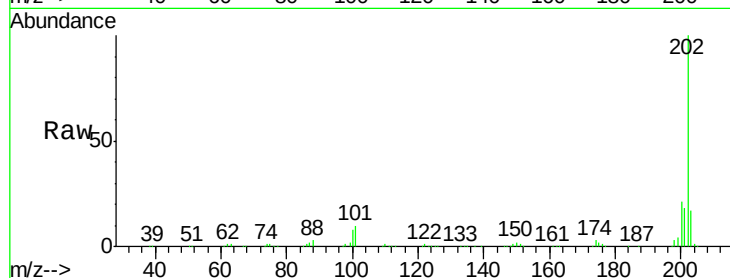
Tgt Ion:202 Resp: 472437

Ion Ratio Lower Upper

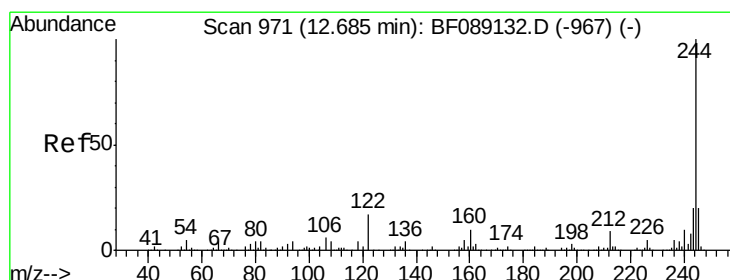
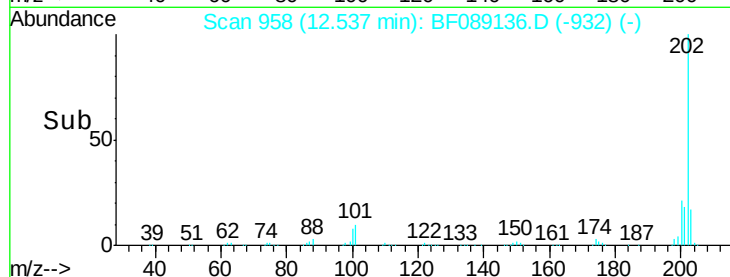
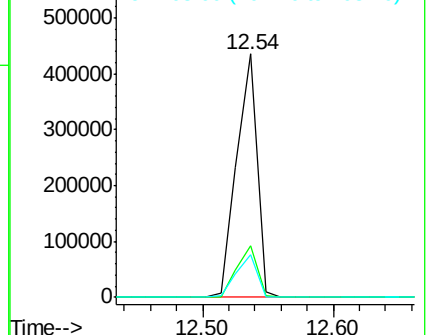
202 100

200 21.2 17.4 26.0

203 17.5 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: 67.57 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

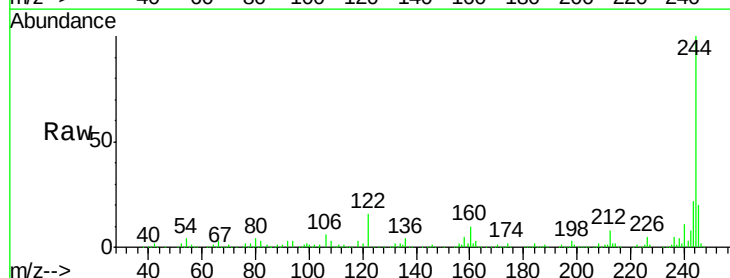
Tgt Ion:244 Resp: 449940

Ion Ratio Lower Upper

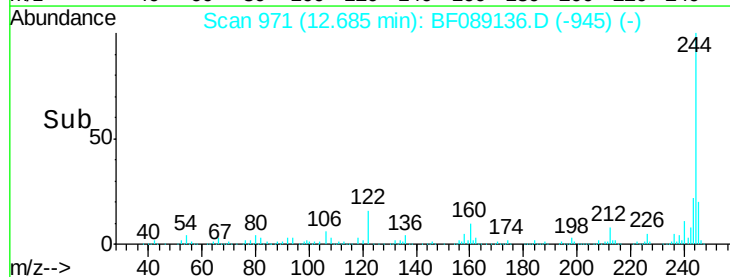
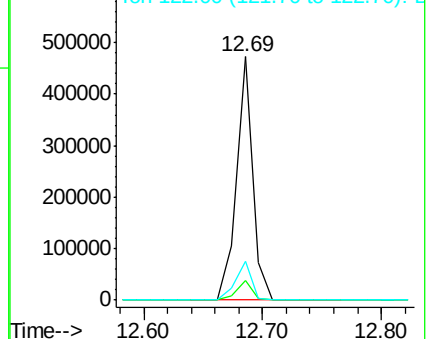
244 100

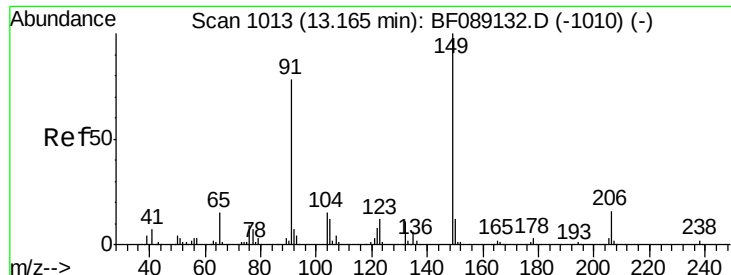
212 8.1 7.0 10.4

122 15.8 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

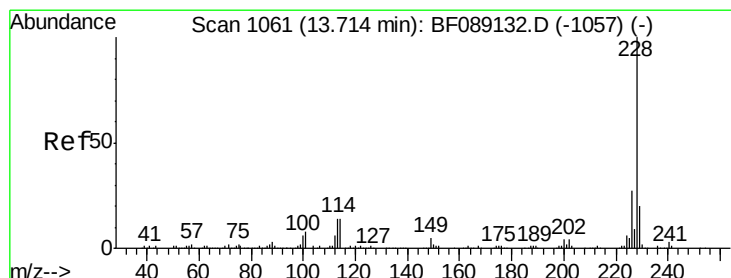
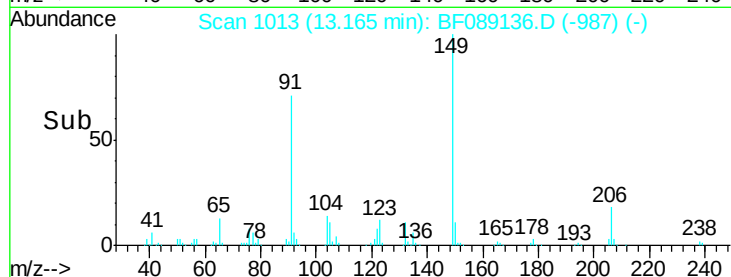
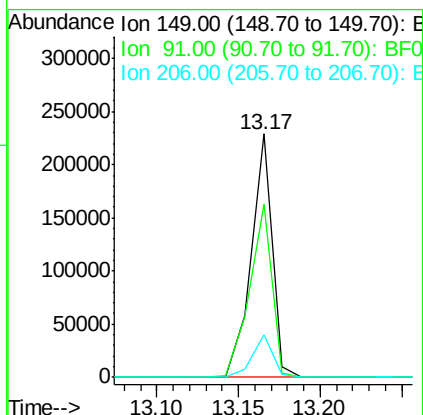
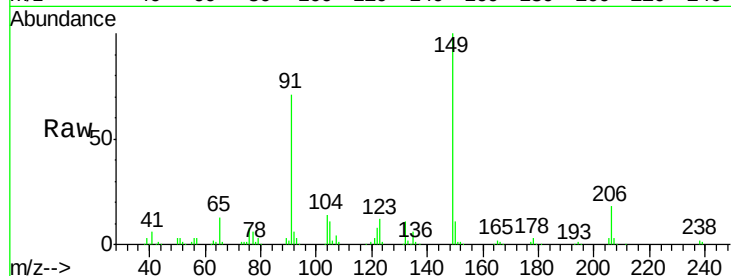




#79
Butylbenzylphthalate
Concen: 40.43 ng
RT: 13.17 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

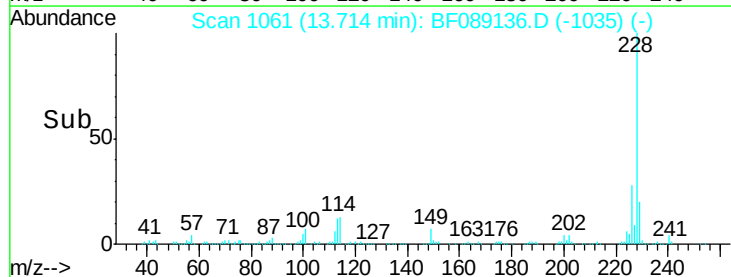
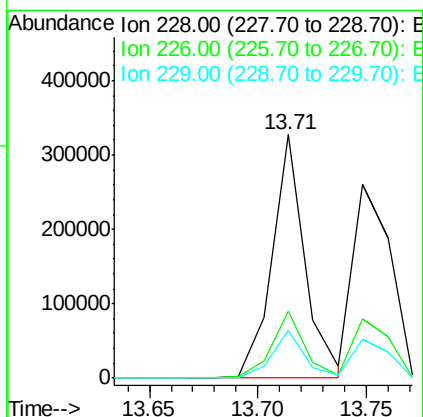
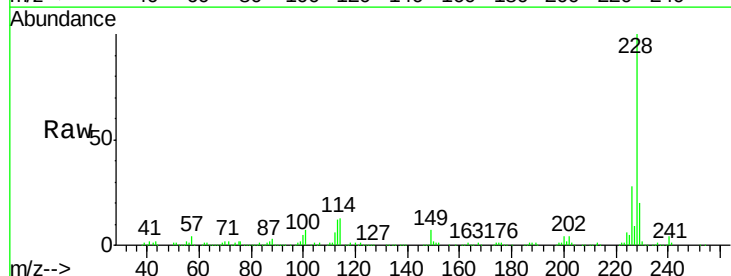
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

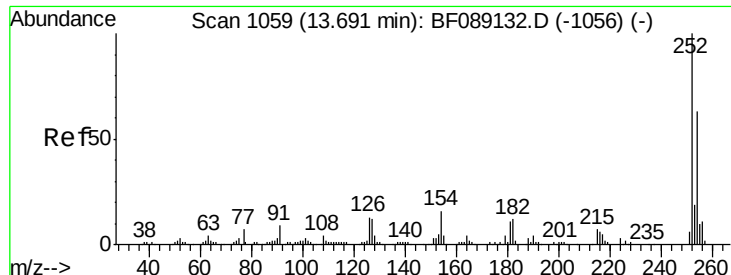
Tgt Ion:149 Resp: 203963
Ion Ratio Lower Upper
149 100
91 71.0 62.6 93.8
206 17.6 13.2 19.8



#80
Benzo(a)anthracene
Concen: 37.63 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:228 Resp: 346149
Ion Ratio Lower Upper
228 100
226 27.7 21.8 32.8
229 19.8 15.8 23.8

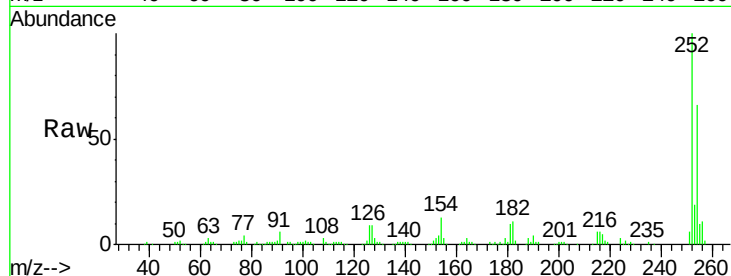




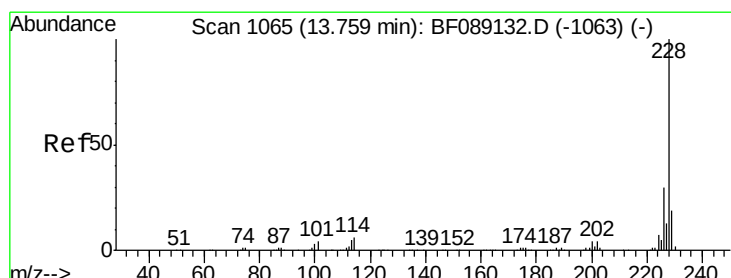
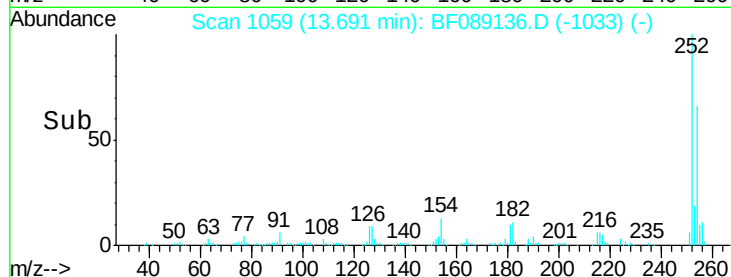
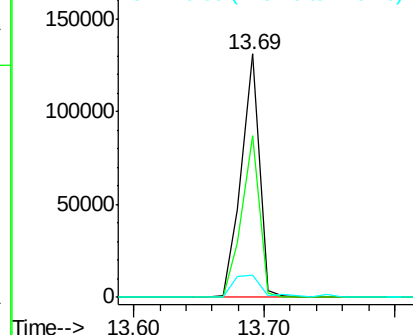
#81
 3,3'-Dichlorobenzidine
 Concen: 41.31 ng
 RT: 13.69 min Scan# 1059
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion:252 Resp: 126040
 Ion Ratio Lower Upper
 252 100
 254 66.2 50.4 75.6
 126 9.1 10.2 15.2#

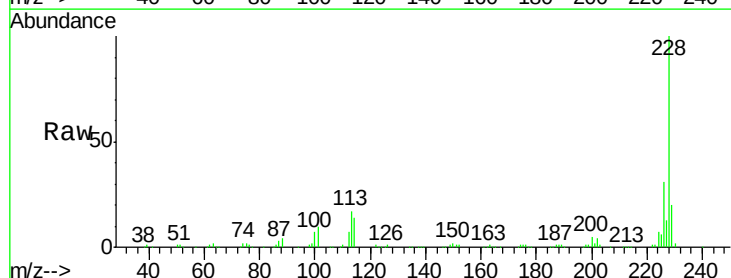


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

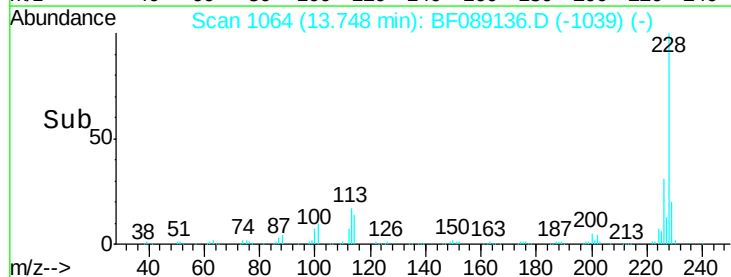
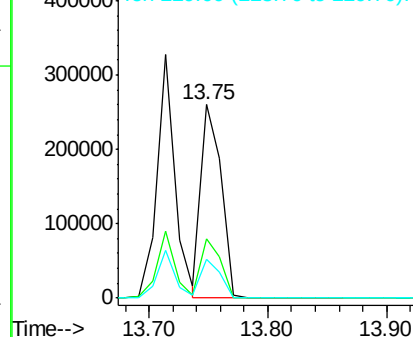


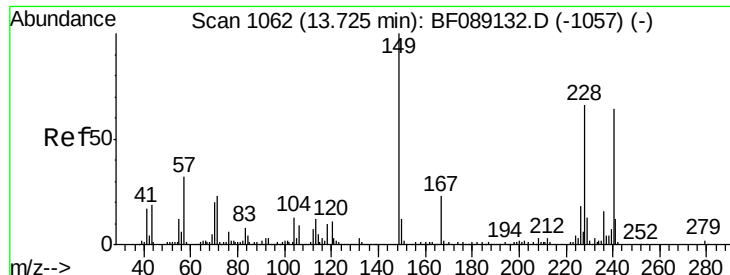
#82
 Chrysene
 Concen: 35.54 ng
 RT: 13.75 min Scan# 1064
 Delta R.T. -0.01 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion:228 Resp: 312266
 Ion Ratio Lower Upper
 228 100
 226 30.5 23.8 35.8
 229 20.0 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

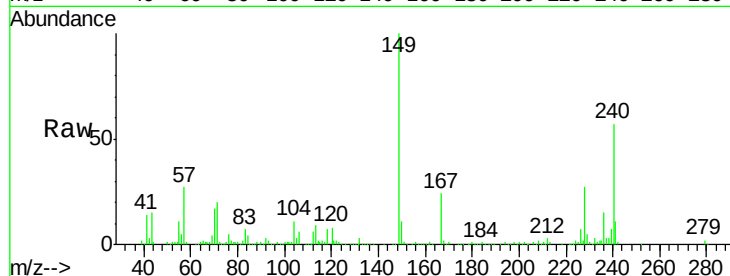




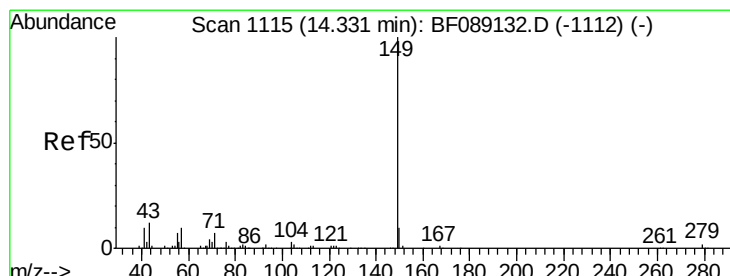
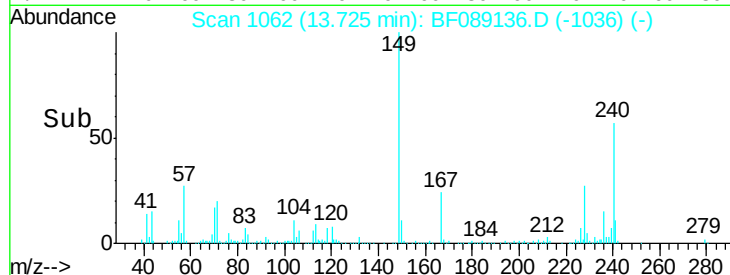
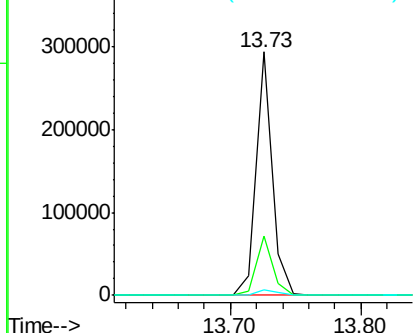
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.97 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	18.6	28.0
279	2.1	1.6	2.4

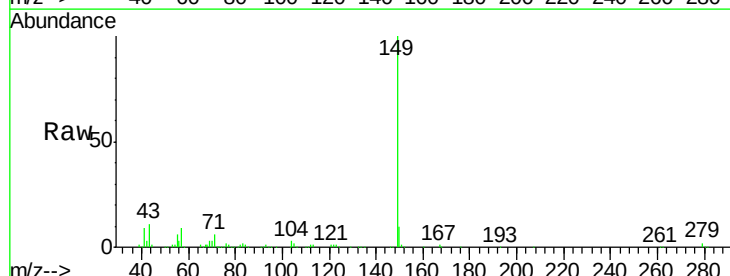


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

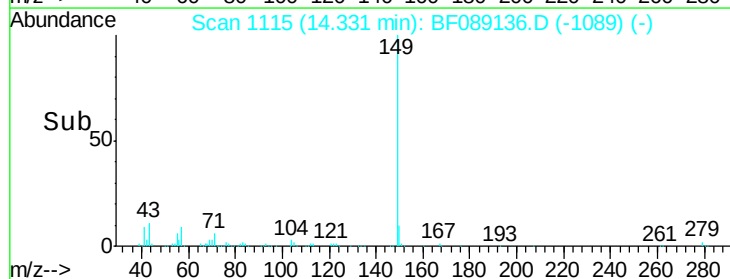
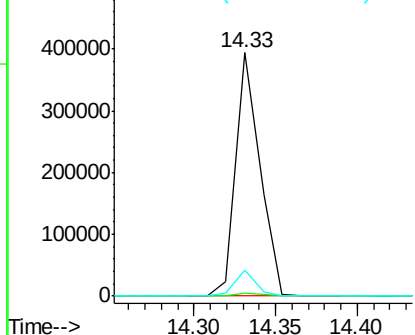


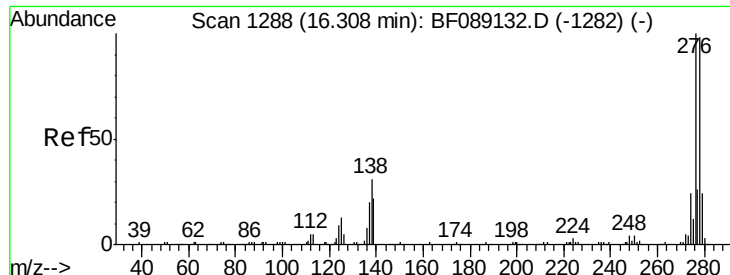
#84
 Di-n-octyl phthalate
 Concen: 36.32 ng
 RT: 14.33 min Scan# 1115
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.8	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

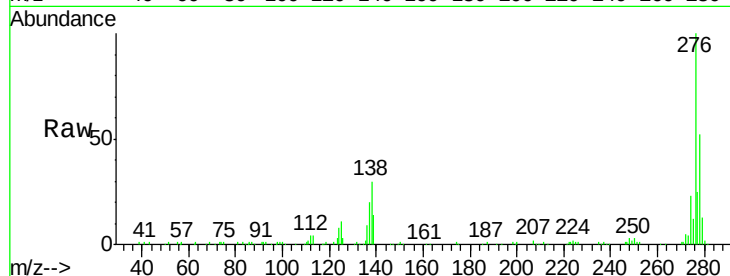




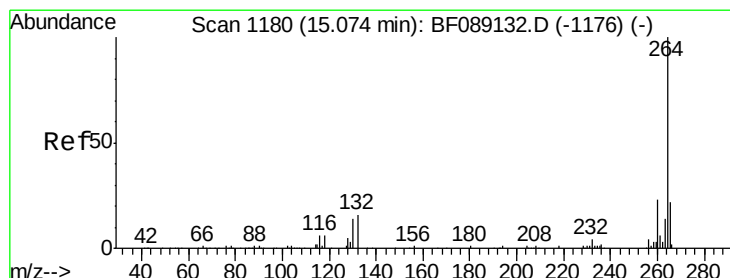
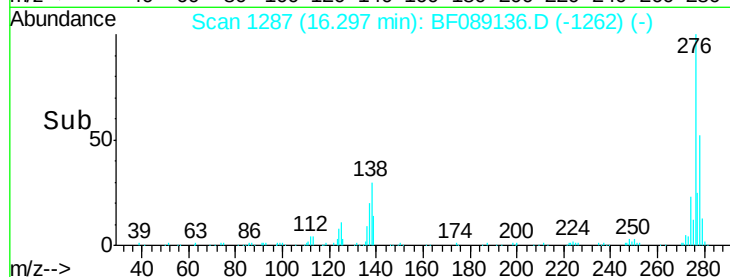
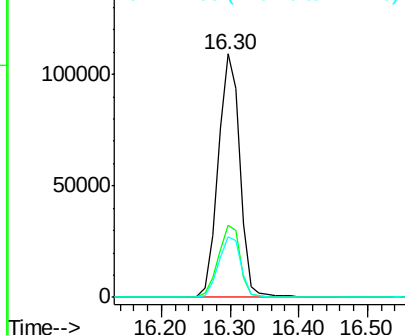
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.22 ng
 RT: 16.30 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF072016

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.7	35.5
277	25.6	20.6	31.0

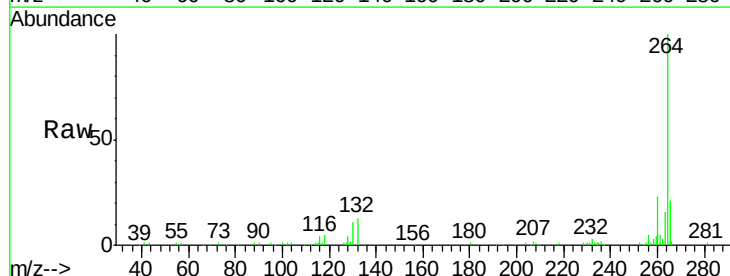


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

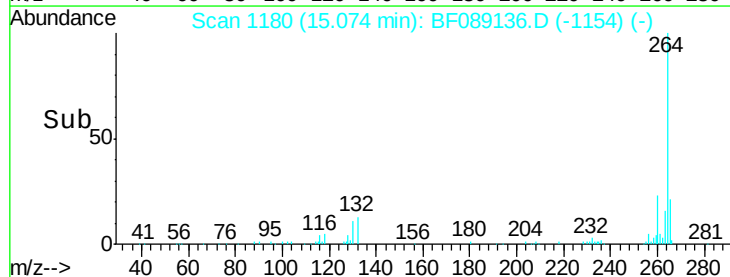
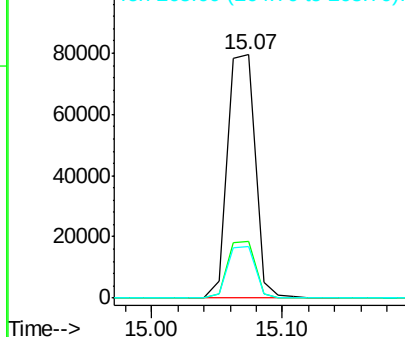


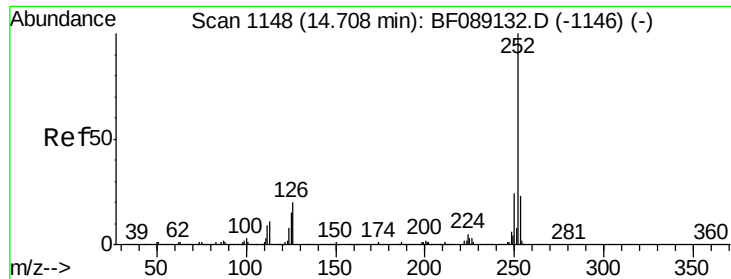
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF089136.D
 Acq: 20 Jul 2016 17:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.3	25.9



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

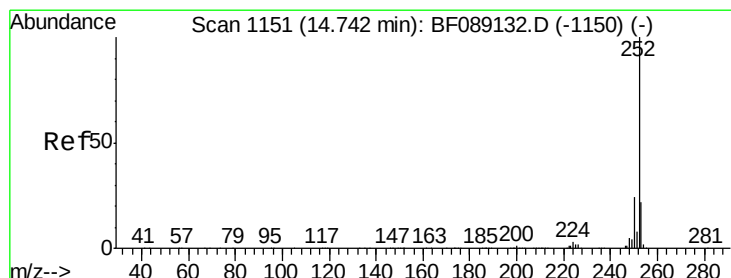
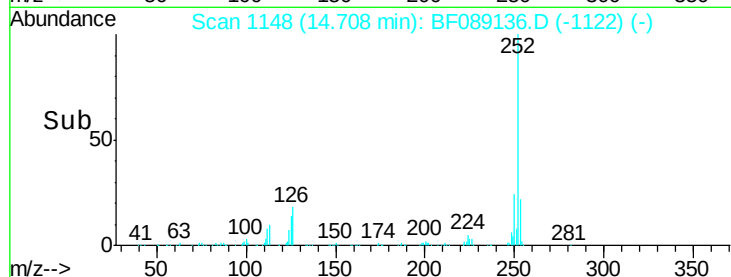
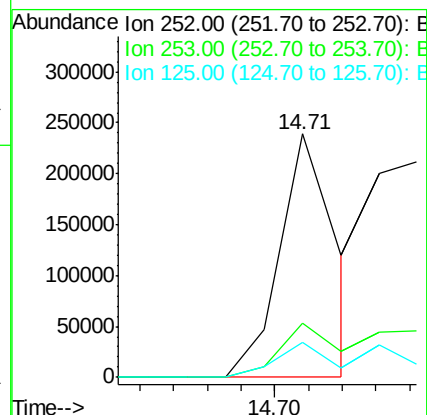
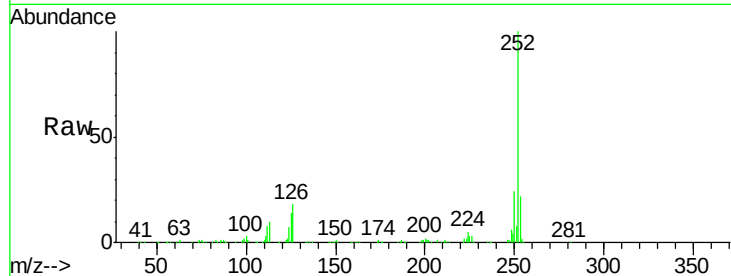




#87
Benzo(b)fluoranthene
Concen: 32.93 ng m
RT: 14.71 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

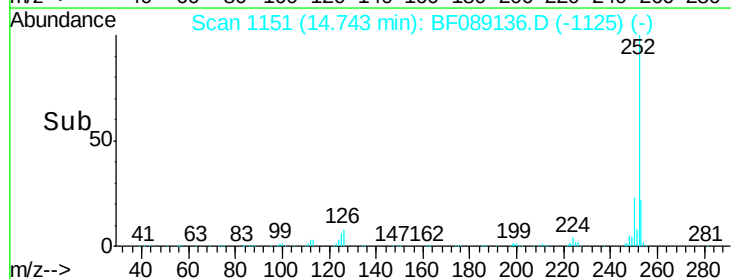
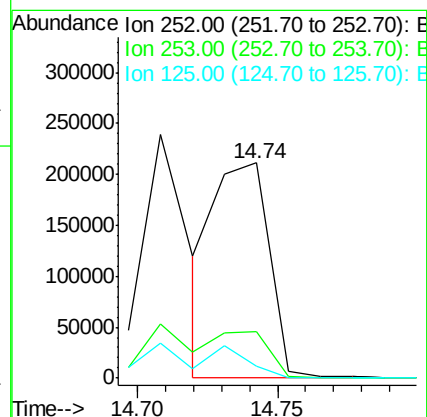
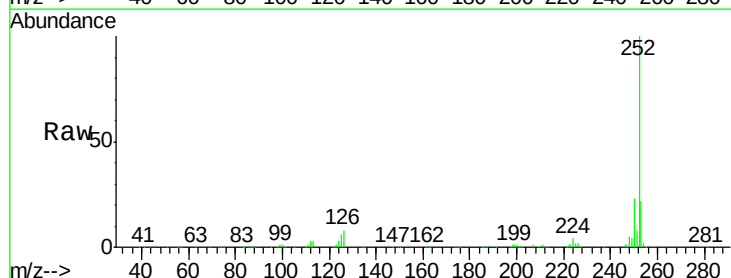
Instrument :
BNA_F
ClientSampleId :
ICVBF072016

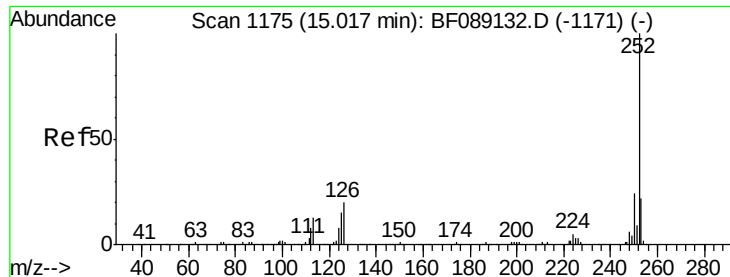
Tgt Ion:252 Resp: 278683
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 14.2 11.9 17.9



#88
Benzo(k)fluoranthene
Concen: 47.83 ng m
RT: 14.74 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF089136.D
Acq: 20 Jul 2016 17:13

Tgt Ion:252 Resp: 289421
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 5.6 6.3 9.5#





#89

Benzo(a)pyrene

Concen: 38.77 ng

RT: 15.02 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

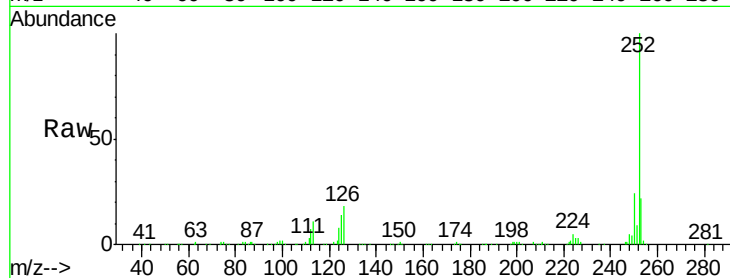
Tgt Ion:252 Resp: 254699

Ion Ratio Lower Upper

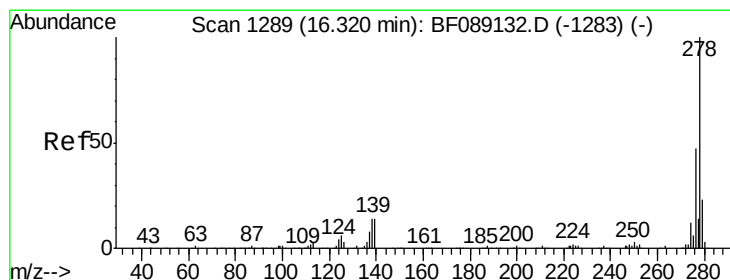
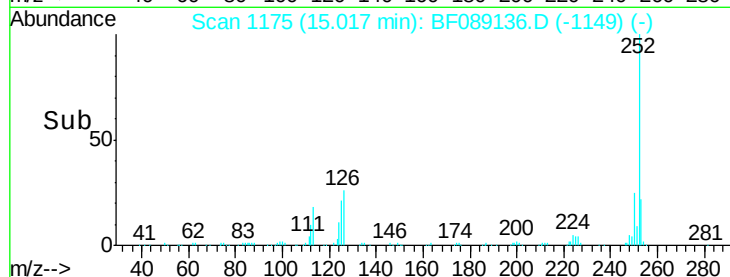
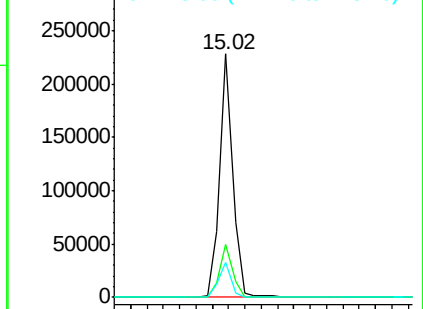
252 100

253 21.6 17.4 26.0

125 14.3 12.4 18.6



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



#90

Dibenzo(a,h)anthracene

Concen: 40.13 ng

RT: 16.31 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

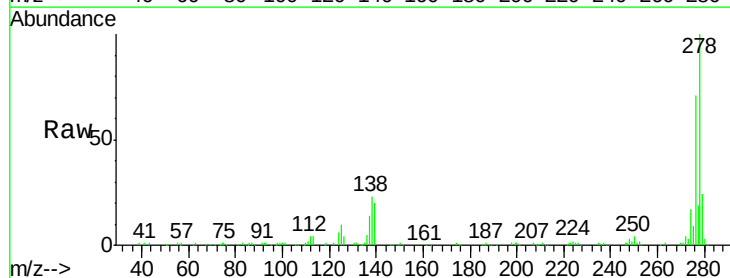
Tgt Ion:278 Resp: 208151

Ion Ratio Lower Upper

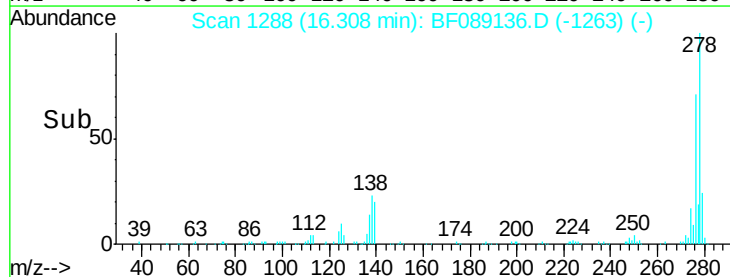
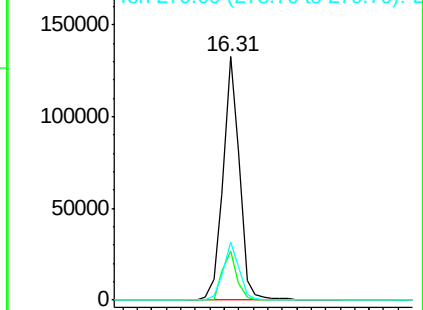
278 100

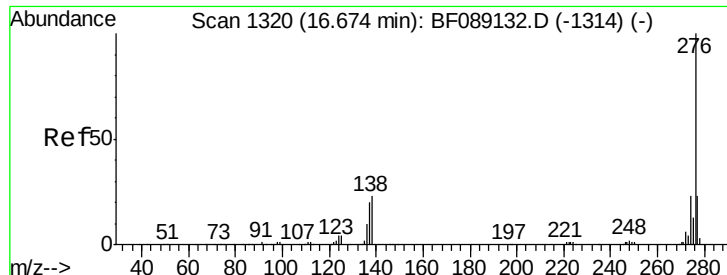
139 20.2 11.4 17.2#

279 23.8 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(g,h,i)perylene

Concen: 40.09 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF089136.D

Acq: 20 Jul 2016 17:13

Instrument :

BNA_F

ClientSampleId :

ICVBF072016

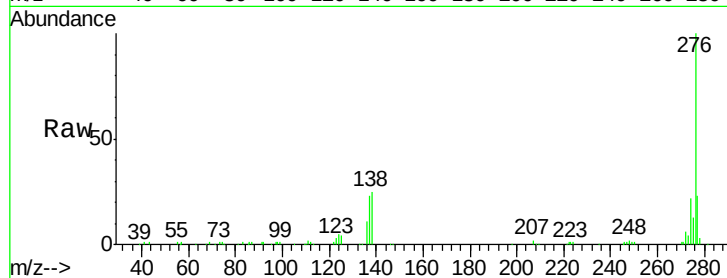
Tgt Ion: 276 Resp: 209674

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 24.8 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

