

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084191.D
 Acq On : 31 Dec 2015 13:33
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Quant Time: Dec 31 14:01:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 13:33:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	307421	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1282069	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	613844	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1082109	20.00	ng	0.00
75) Chrysene-d12	14.07	240	792683	20.00	ng	0.00
86) Perylene-d12	15.51	264	619133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1439860	75.76	ng	0.00
7) Phenol-d6	6.53	99	2041486	85.52	ng	0.00
23) Nitrobenzene-d5	7.47	82	1832414	79.55	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	508307	82.02	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2872734	82.11	ng	0.00
78) Terphenyl-d14	13.01	244	2491099	70.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	372092	41.33	ng	# 74
3) Pyridine	3.26	79	1105378	44.03	ng	# 74
4) n-Nitrosodimethylamine	3.21	42	547091	42.46	ng	# 76
6) Aniline	6.57	93	1456478	41.71	ng	# 79
8) 2-Chlorophenol	6.68	128	857585	39.77	ng	84
9) Benzaldehyde	6.44	77	621087	39.96	ng	92
10) Phenol	6.54	94	1304964	48.08	ng	89
11) bis(2-Chloroethyl)ether	6.64	93	796770	37.90	ng	# 79
12) 1,3-Dichlorobenzene	6.84	146	890596	40.04	ng	# 93
13) 1,4-Dichlorobenzene	6.92	146	948086	42.50	ng	96
14) 1,2-Dichlorobenzene	7.07	146	809312	37.88	ng	94
15) Benzyl Alcohol	7.05	79	866055	43.13	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1519835	39.70	ng	83
17) 2-Methylphenol	7.16	107	762053	42.17	ng	97
18) Hexachloroethane	7.42	117	380449	42.65	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	616690	38.16	ng	# 67
20) 3+4-Methylphenols	7.31	107	830530	39.10	ng	# 74
22) Acetophenone	7.32	105	1284369	41.66	ng	# 93
24) Nitrobenzene	7.49	77	1011008	43.27	ng	91
25) Isophorone	7.73	82	1777283	40.34	ng	98
26) 2-Nitrophenol	7.80	139	425319	40.00	ng	# 77
27) 2,4-Dimethylphenol	7.85	122	909758	42.27	ng	91
28) bis(2-Chloroethoxy)methane	7.94	93	992616	36.89	ng	99
29) 2,4-Dichlorophenol	8.04	162	686776	38.31	ng	95
30) 1,2,4-Trichlorobenzene	8.13	180	768014	41.49	ng	97
31) Naphthalene	8.21	128	2364763	40.65	ng	97
32) Benzoic acid	7.96	122	598619	43.85	ng	94
33) 4-Chloroaniline	8.26	127	1015217	38.07	ng	97
34) Hexachlorobutadiene	8.34	225	437001	41.07	ng	99
35) Caprolactam	8.64	113	220982	36.56	ng	# 39
36) 4-Chloro-3-methylphenol	8.74	107	781901	38.93	ng	94
37) 2-Methylnaphthalene	8.90	142	1611975	38.61	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	717968	40.68	ng	98
40) Hexachlorocyclopentadiene	9.06	237	434052	40.74	ng	96

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
 Data File : BF084191.D
 Acq On : 31 Dec 2015 13:33
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Quant Time: Dec 31 14:01:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 13:33:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	499649	37.84	nq	92
43) 2,4,5-Trichlorophenol	9.22	196	531730	42.01	nq	# 90
45) 1,1'-Biphenyl	9.37	154	1835056	37.61	nq	99
46) 2-Chloronaphthalene	9.39	162	1413437	36.88	nq	96
47) 2-Nitroaniline	9.48	65	485995	38.43	nq	96
48) Acenaphthylene	9.81	152	2345838	41.43	nq	97
49) Dimethylphthalate	9.68	163	1821333	41.50	nq	# 91
50) 2,6-Dinitrotoluene	9.73	165	426422	44.30	nq	# 85
51) Acenaphthene	9.98	154	1612180	42.45	nq	97
52) 3-Nitroaniline	9.89	138	463924	38.90	nq	98
53) 2,4-Dinitrophenol	10.00	184	162976	41.54	nq	# 77
54) Dibenzofuran	10.16	168	2167096	43.99	nq	97
55) 4-Nitrophenol	10.05	139	394700	45.59	nq	93
56) 2,4-Dinitrotoluene	10.13	165	574591	47.17	nq	87
57) Fluorene	10.50	166	1565741	40.95	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	447766	41.44	nq	87
59) Diethylphthalate	10.37	149	1763915	38.93	nq	97
60) 4-Chlorophenyl-phenylether	10.49	204	687913	42.41	nq	93
61) 4-Nitroaniline	10.51	138	417220	39.24	nq	94
62) Azobenzene	10.65	77	1976761	41.65	nq	90
64) 4,6-Dinitro-2-methylphenol	10.53	198	222073	33.79	nq	# 50
65) n-Nitrosodiphenylamine	10.60	169	1333280	38.54	nq	99
66) 4-Bromophenyl-phenylether	10.98	248	495650	42.56	nq	# 88
67) Hexachlorobenzene	11.04	284	495270	37.78	nq	# 76
68) Atrazine	11.14	200	469423	41.46	nq	92
69) Pentachlorophenol	11.23	266	302122	44.45	nq	97
70) Phenanthrene	11.46	178	2448334	43.25	nq	97
71) Anthracene	11.50	178	2178853	39.27	nq	96
72) Carbazole	11.65	167	2113616	38.96	nq	99
73) Di-n-butylphthalate	12.00	149	2400811	40.59	nq	# 94
74) Fluoranthene	12.64	202	2206526	37.32	nq	97
76) Benzidine	12.76	184	1138901	40.07	nq	98
77) Pyrene	12.87	202	2300885	36.99	nq	98
79) Butylbenzylphthalate	13.49	149	1110497	41.26	nq	93
80) Benzo(a)anthracene	14.05	228	1732260	37.22	nq	98
81) 3,3'-Dichlorobenzidine	14.02	252	653092	40.20	nq	# 94
82) Chrysene	14.09	228	1671311	37.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1323007	38.90	nq	99
84) Di-n-octyl phthalate	14.67	149	2258316	39.33	nq	# 85
85) Indeno(1,2,3-cd)pyrene	16.92	276	1484468	41.87	nq	99
87) Benzo(b)fluoranthene	15.09	252	1631117	40.27	nq	99
88) Benzo(k)fluoranthene	15.09	252	1631117	49.24	nq	# 97
89) Benzo(a)pyrene	15.45	252	1382468	40.24	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	1234022	41.75	nq	99
91) Benzo(g,h,i)perylene	17.36	276	1275045	41.65	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

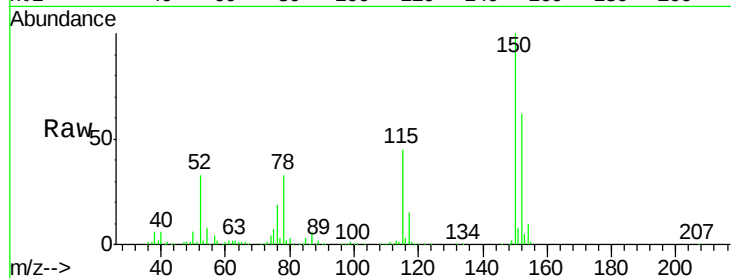
Tot Ion:152 Resp: 307421

Ion Ratio Lower Upper

152 100

150 161.2 123.0 184.4

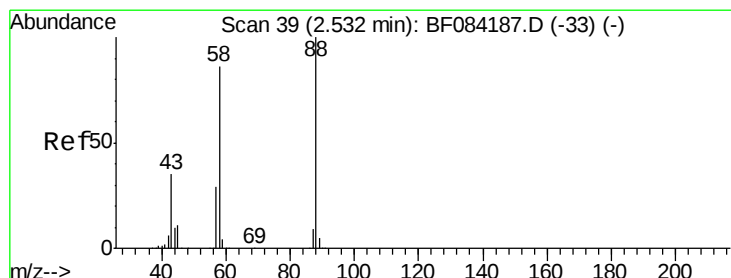
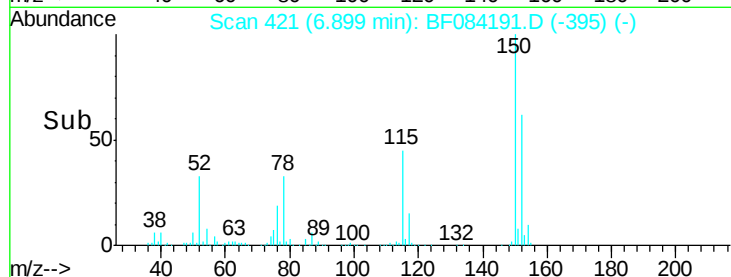
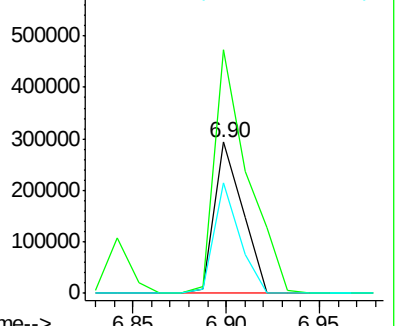
115 73.3 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.33 ng

RT: 2.52 min Scan# 38

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

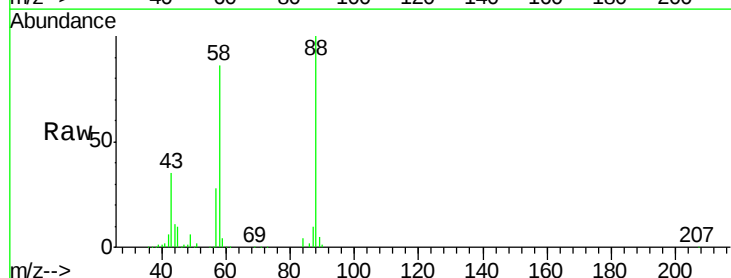
Tgt Ion: 88 Resp: 372092

Ion Ratio Lower Upper

88 100

58 86.2 51.2 76.8#

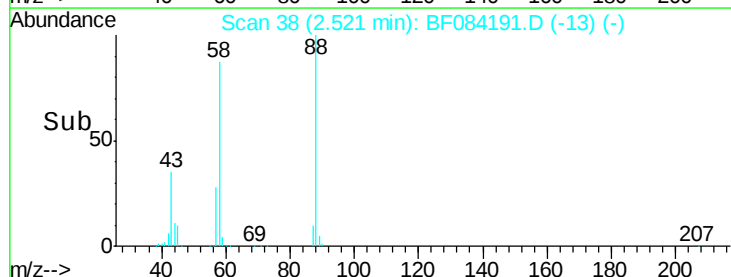
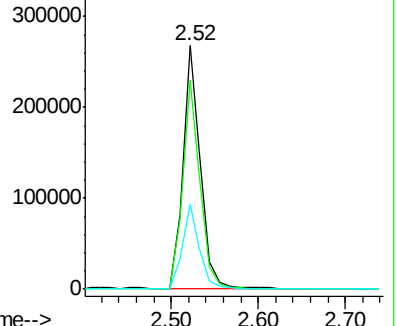
43 35.0 19.5 29.3#

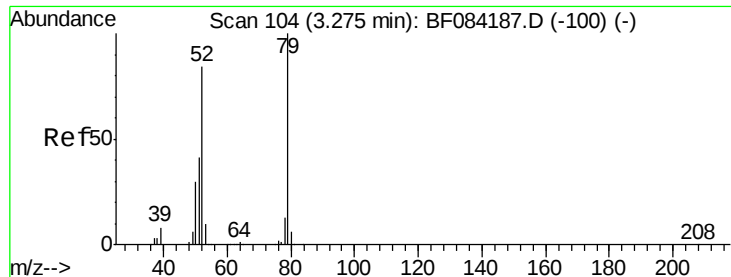


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.03 ng

RT: 3.26 min Scan# 103

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

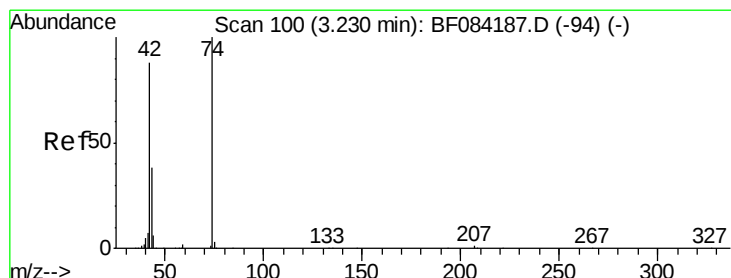
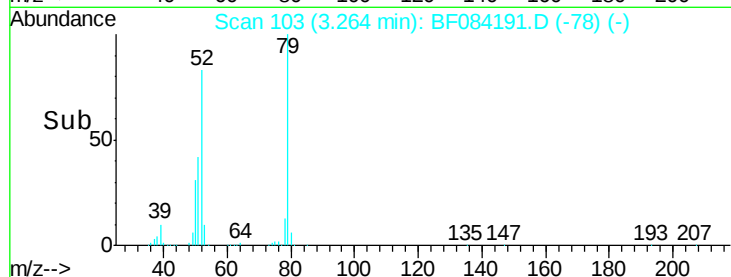
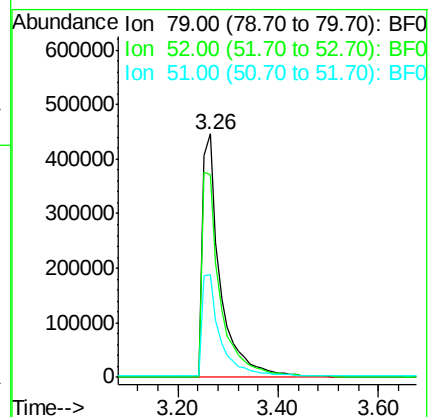
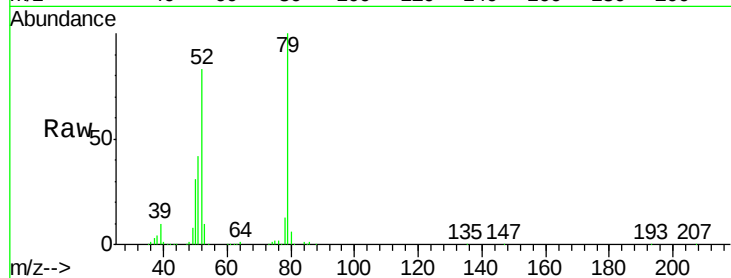
Tot Ion: 79 Resp: 1105378

Ion Ratio Lower Upper

79 100

52 83.4 49.0 73.4#

51 42.0 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 42.46 ng

RT: 3.21 min Scan# 98

Delta R.T. -0.02 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

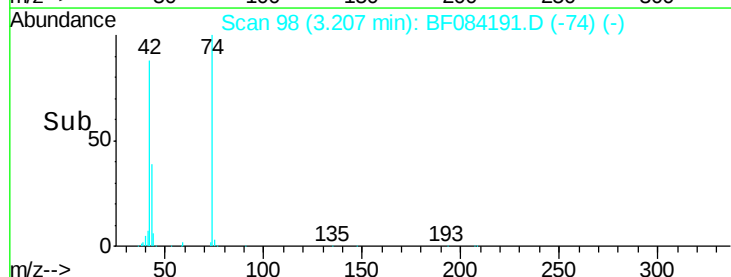
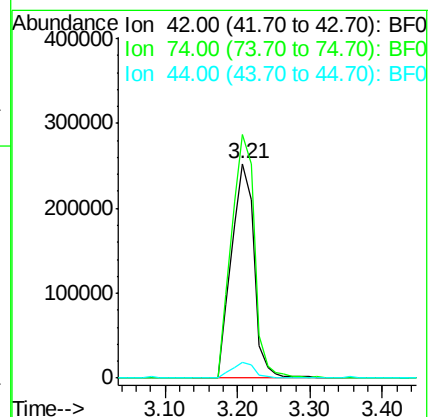
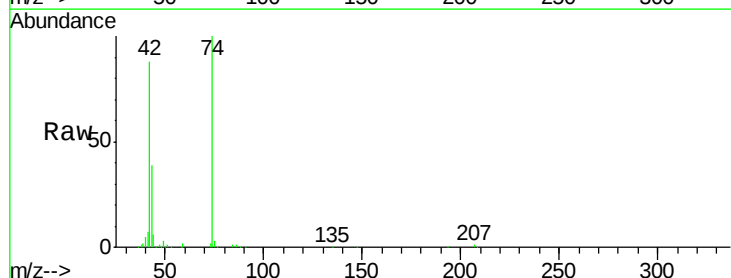
Tgt Ion: 42 Resp: 547091

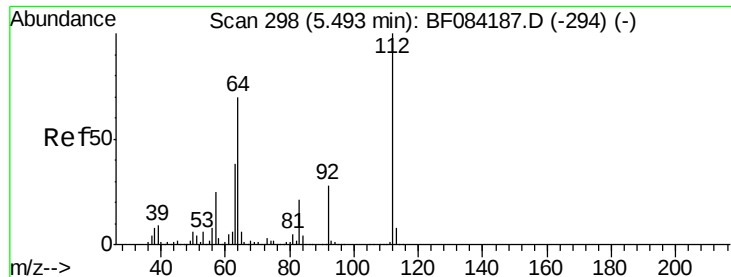
Ion Ratio Lower Upper

42 100

74 113.4 115.7 173.5#

44 7.2 5.1 7.7





#5

2-Fluorophenol

Concen: 75.76 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

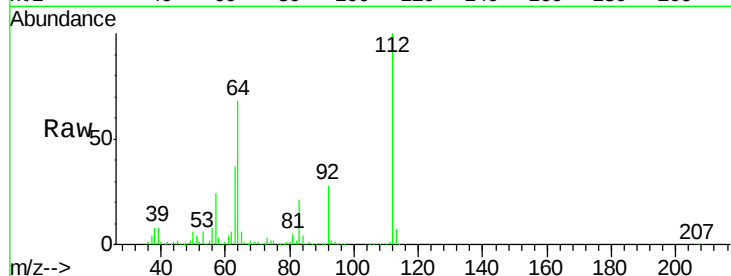
Tot Ion:112 Resp: 1439860

Ion Ratio Lower Upper

112 100

64 68.1 36.6 55.0#

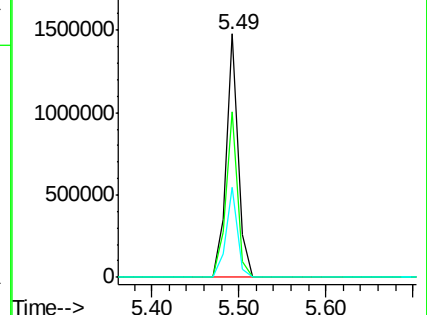
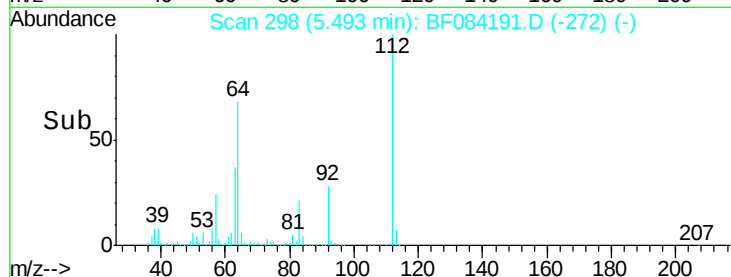
63 37.1 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 41.71 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

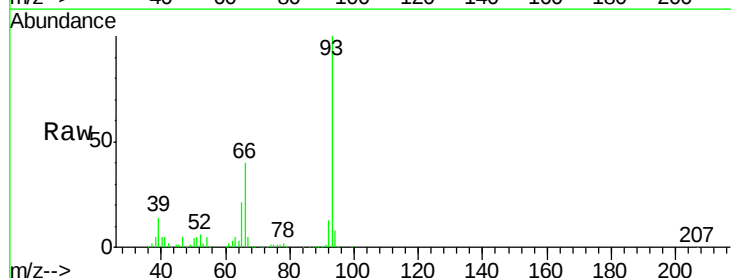
Tgt Ion: 93 Resp: 1456478

Ion Ratio Lower Upper

93 100

66 39.6 44.9 67.3#

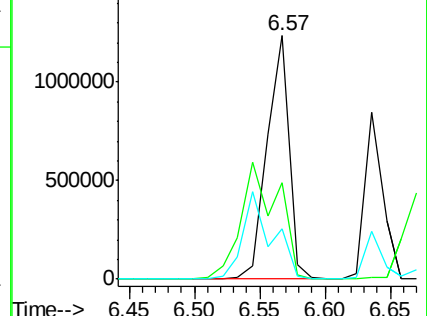
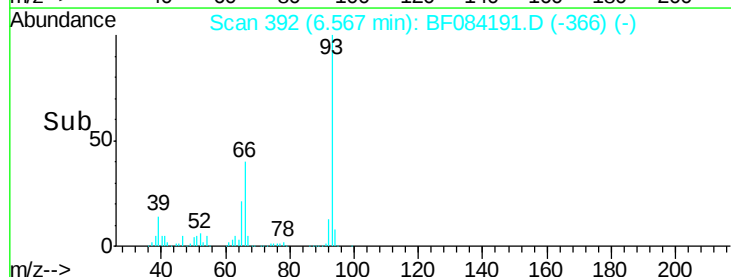
65 20.6 23.7 35.5#

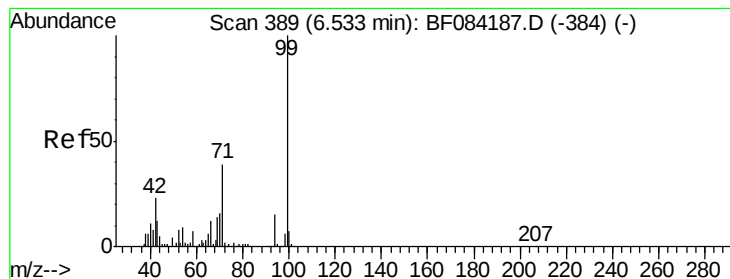


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.52 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

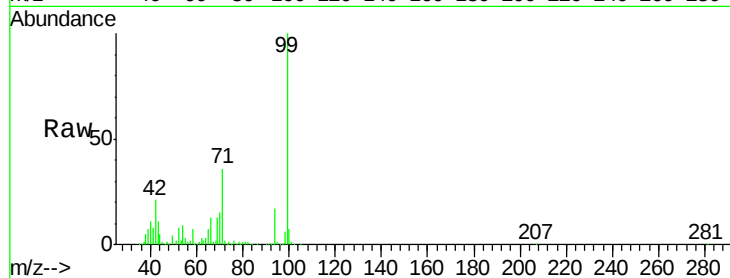
BNA_F

ClientSampleId :

ICVBF123115

Tot Ion: 99 Resp: 2041486

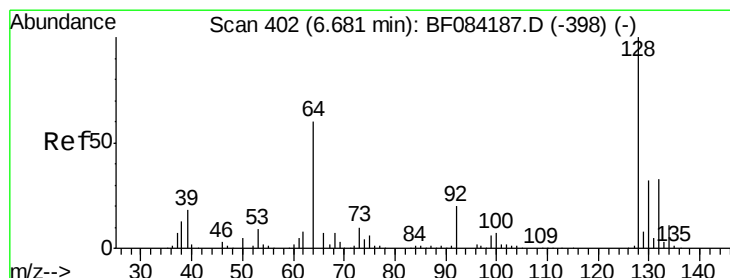
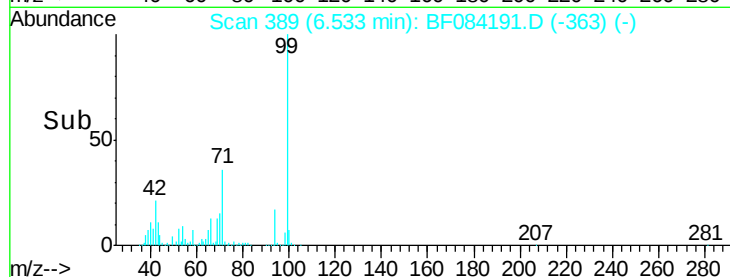
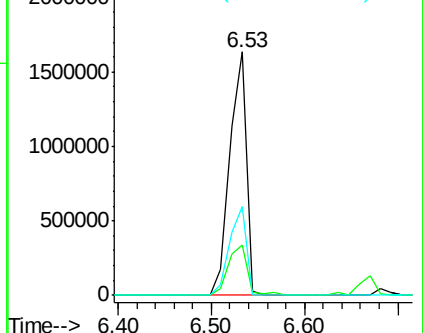
Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	36.2	30.9	46.3



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: 39.77 ng

RT: 6.68 min Scan# 402

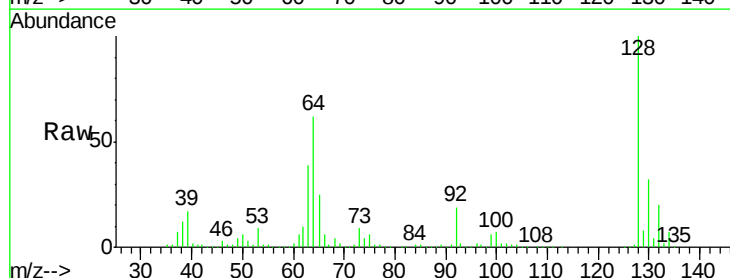
Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Tgt Ion: 128 Resp: 857585

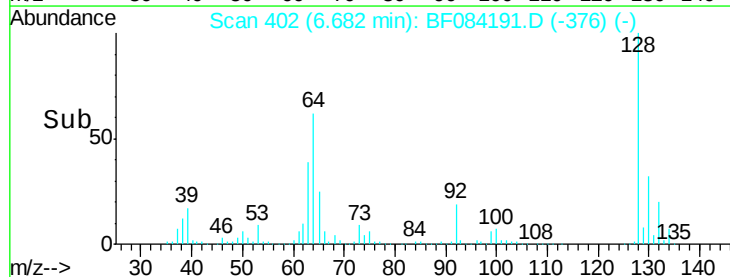
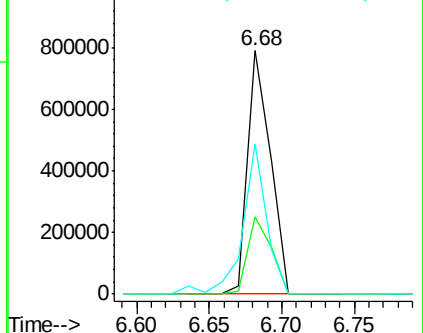
Ion	Ratio	Lower	Upper
128	100		
130	31.8	11.6	51.6
64	61.5	23.8	63.8

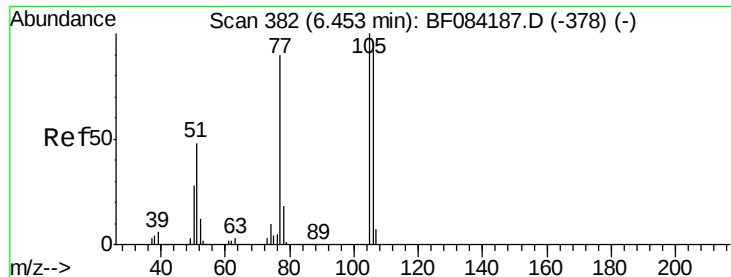


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.96 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

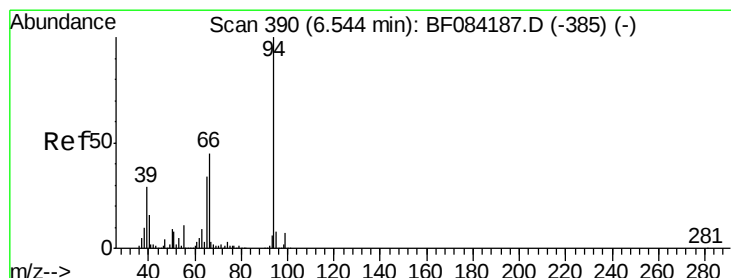
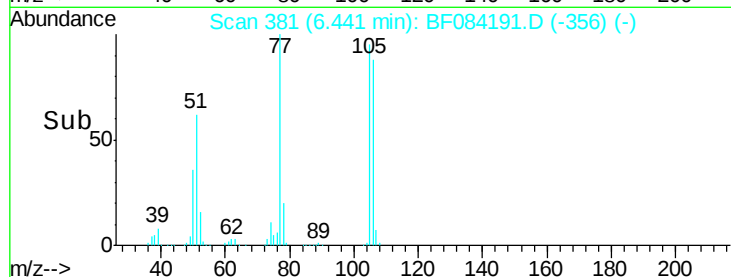
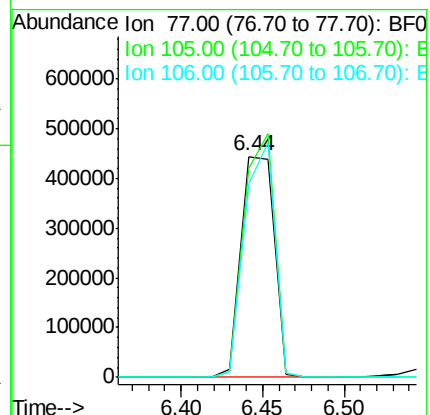
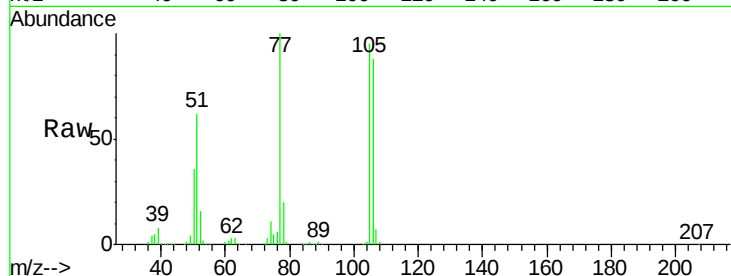
Tot Ion: 77 Resp: 621087

Ion Ratio Lower Upper

77 100

105 94.8 83.0 123.0

106 87.7 74.6 114.6



#10

Phenol

Concen: 48.08 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

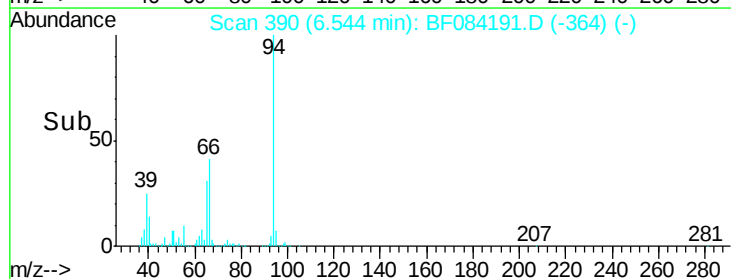
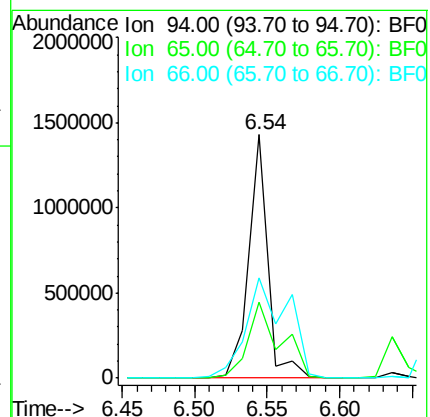
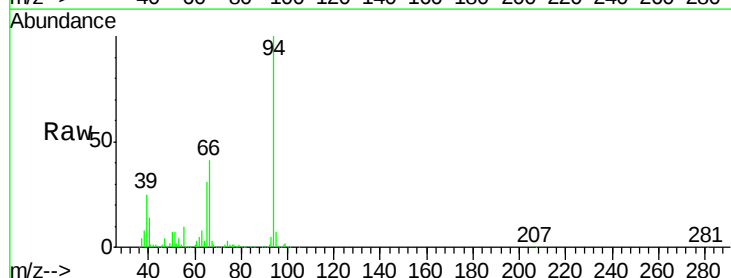
Tgt Ion: 94 Resp: 1304964

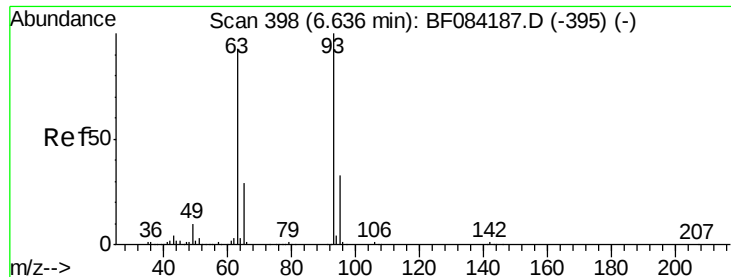
Ion Ratio Lower Upper

94 100

65 31.2 12.9 52.9

66 41.4 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 37.90 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

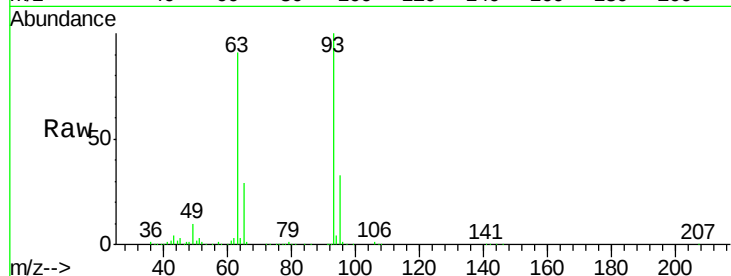
Tot Ion: 93 Resp: 796770

Ion Ratio Lower Upper

93 100

63 90.7 45.9 85.9#

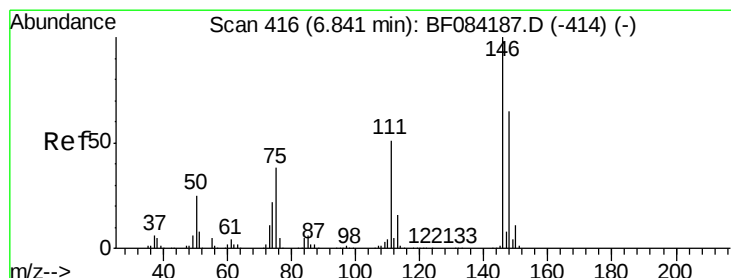
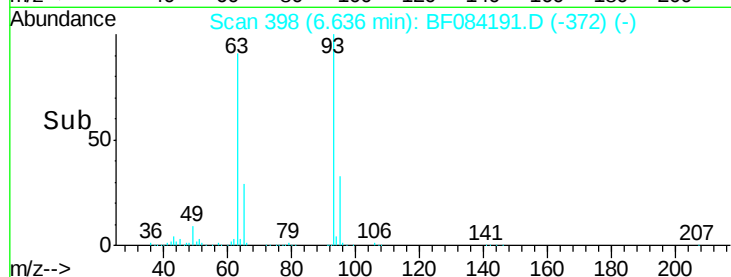
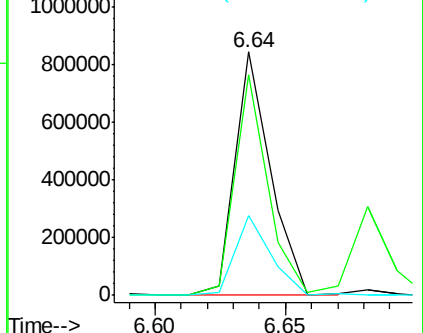
95 33.0 12.3 52.3



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: 40.04 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

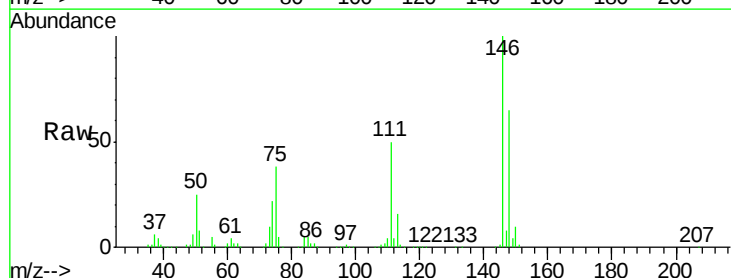
Tgt Ion: 146 Resp: 890596

Ion Ratio Lower Upper

146 100

148 64.6 51.9 77.9

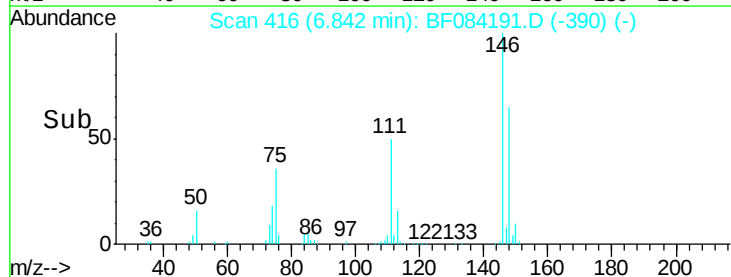
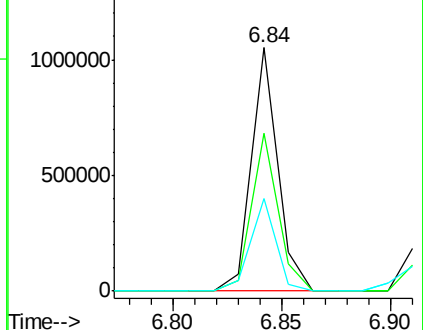
75 37.9 20.5 30.7#

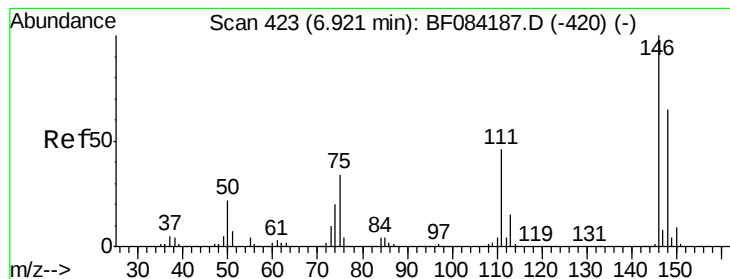


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 42.50 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

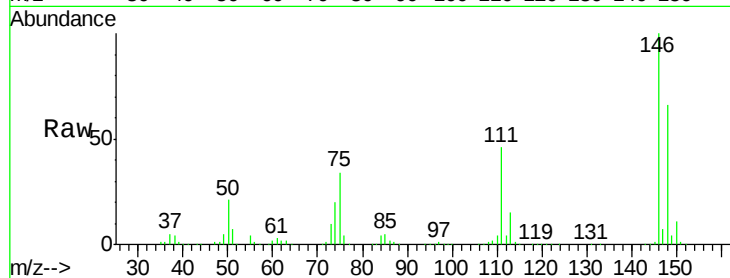
Tot Ion:146 Resp: 948086

Ion Ratio Lower Upper

146 100

148 65.6 51.9 77.9

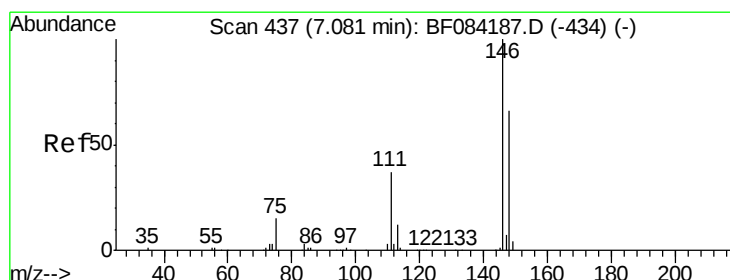
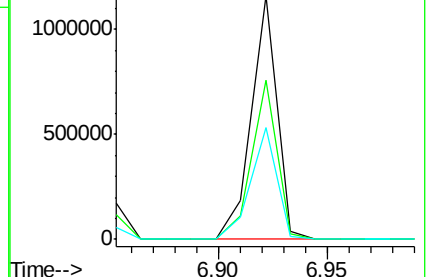
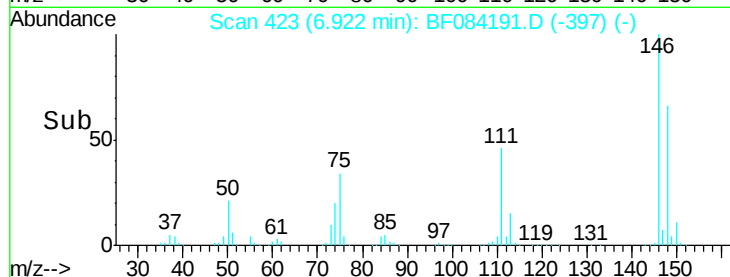
111 45.7 41.6 62.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.88 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

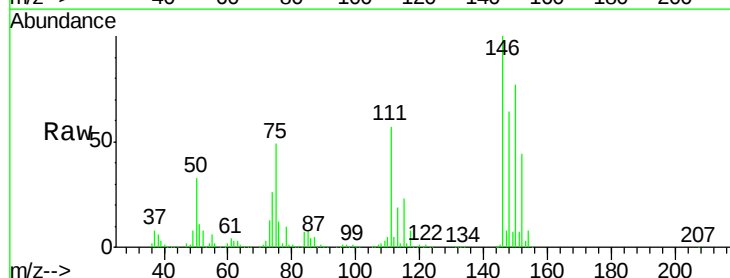
Tgt Ion:146 Resp: 809312

Ion Ratio Lower Upper

146 100

148 64.2 51.6 77.4

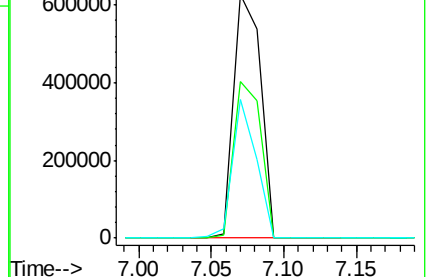
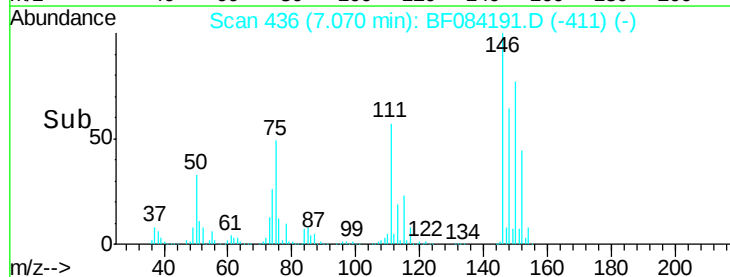
111 56.8 38.0 57.0

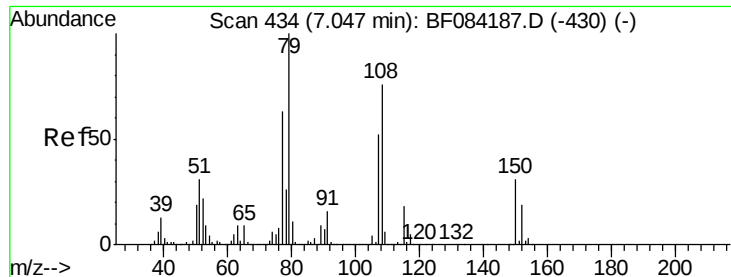


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.13 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

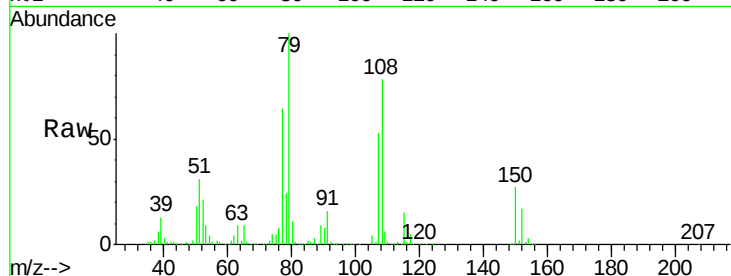
Tot Ion: 79 Resp: 866055

Ion Ratio Lower Upper

79 100

108 78.4 69.0 103.4

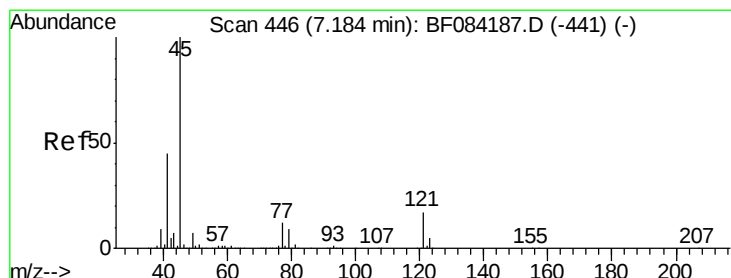
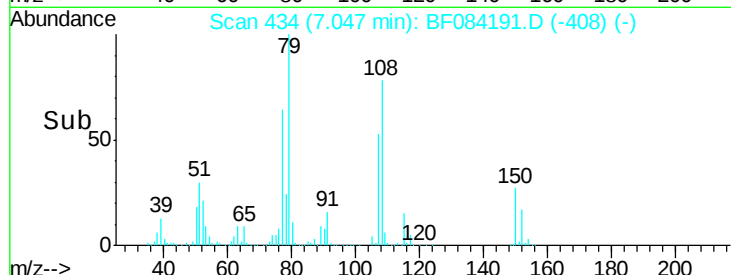
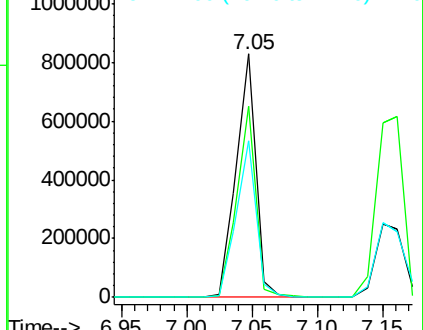
77 64.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.70 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

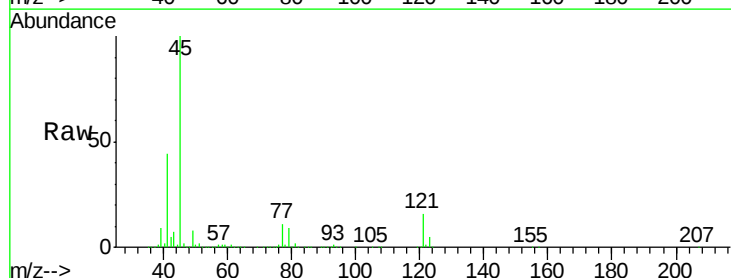
Tgt Ion: 45 Resp: 1519835

Ion Ratio Lower Upper

45 100

77 11.4 0.0 39.6

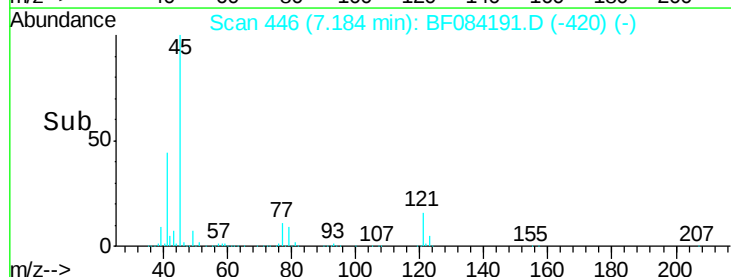
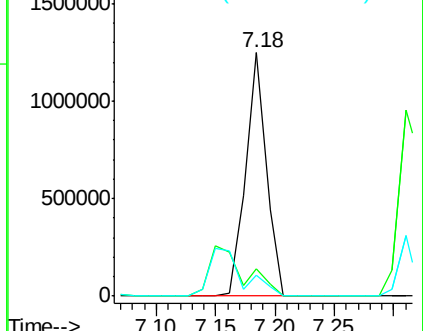
79 8.8 0.0 35.0

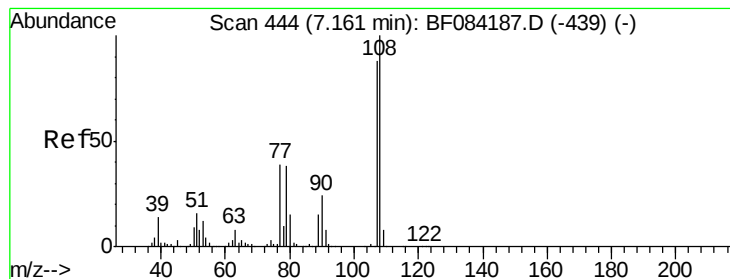


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 42.17 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

Tot Ion:107 Resp: 762053

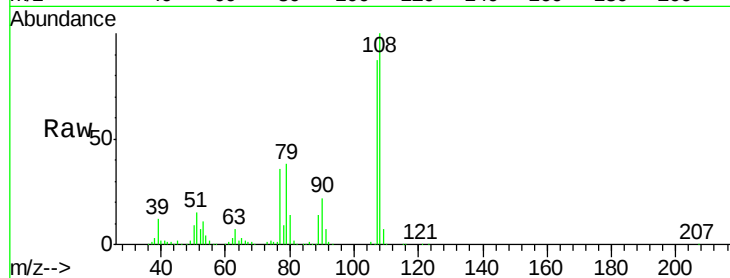
Ion Ratio Lower Upper

107 100

108 115.4 89.8 134.6

77 42.1 35.7 53.5

79 43.7 35.7 53.5

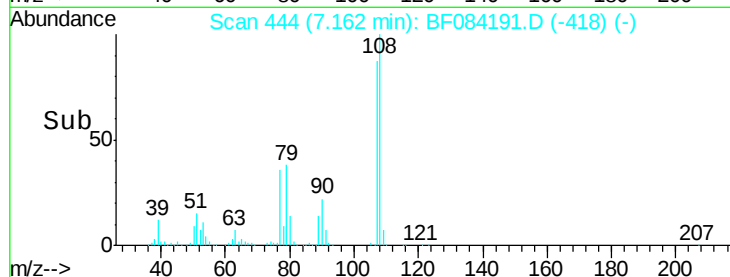


Abundance Ion 107.00 (106.70 to 107.70): E

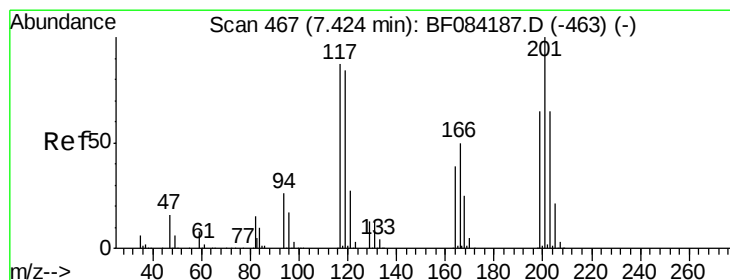
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 42.65 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

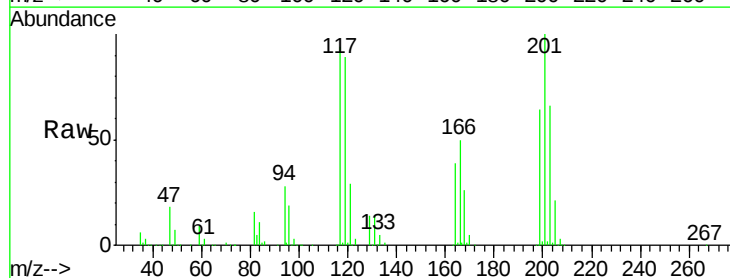
Tgt Ion:117 Resp: 380449

Ion Ratio Lower Upper

117 100

119 94.4 77.4 116.0

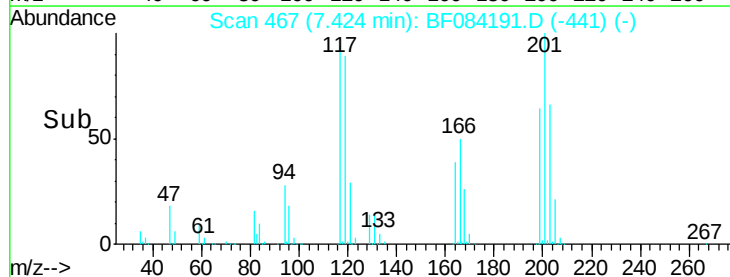
201 106.2 68.6 103.0#



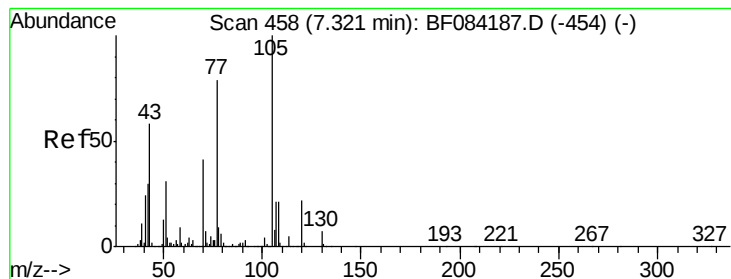
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 38.16 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

Tot Ion: 70 Resp: 616690

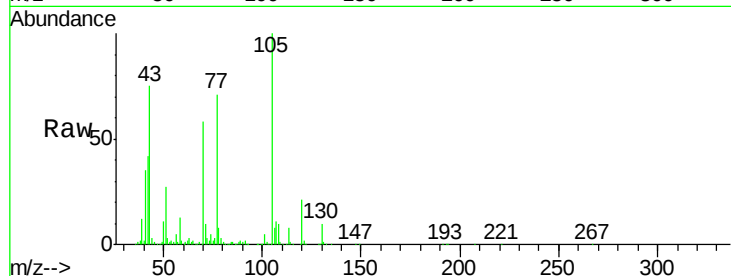
Ion Ratio Lower Upper

70 100

42 71.9 33.3 49.9#

101 9.0 9.3 13.9#

130 17.6 23.4 35.0#

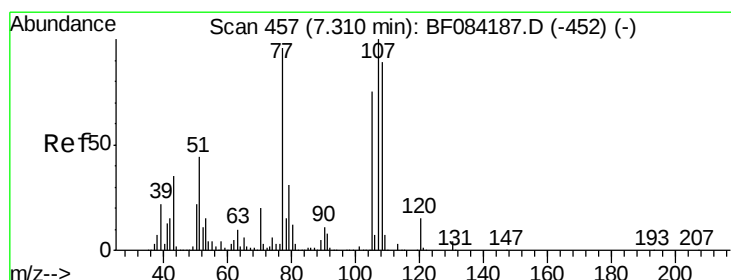
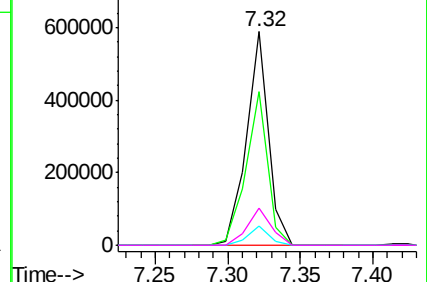
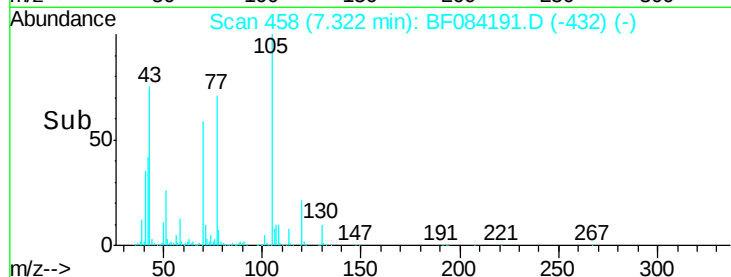


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 39.10 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Tgt Ion:107 Resp: 830530

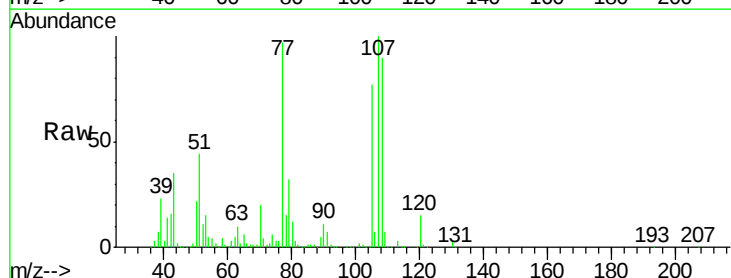
Ion Ratio Lower Upper

107 100

108 90.0 64.1 104.1

77 96.6 128.9 168.9#

79 31.8 9.6 49.6

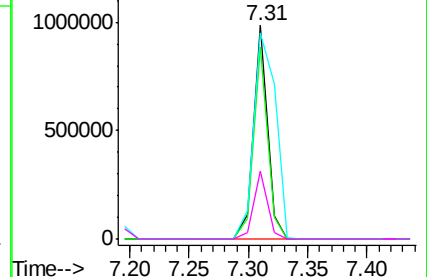
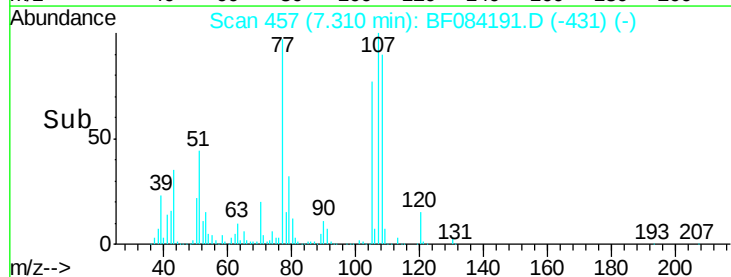


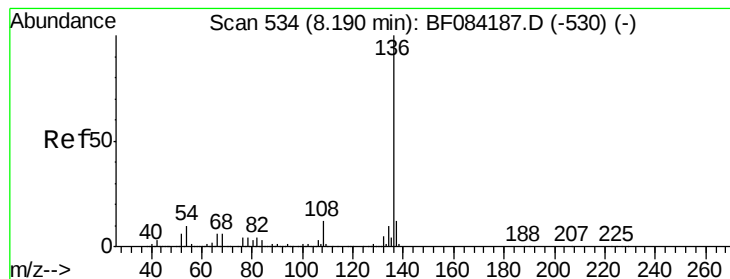
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

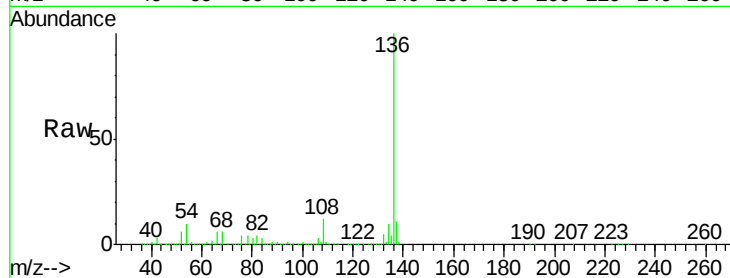
ClientSampleId :

ICVBF123115

Tot Ion:136 Resp: 1282069

Ion Ratio Lower Upper

136	100		
137	11.4	8.7	13.1
54	10.0	5.8	8.8#
68	5.8	4.2	6.2

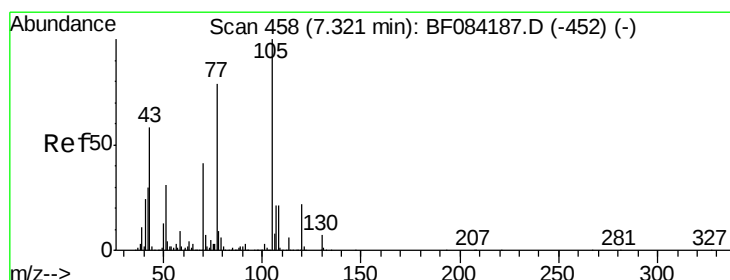
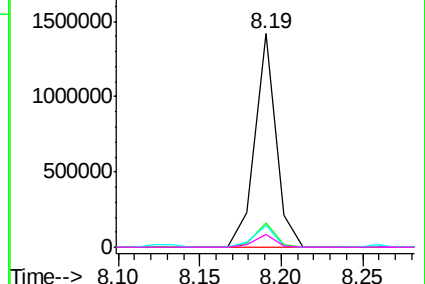
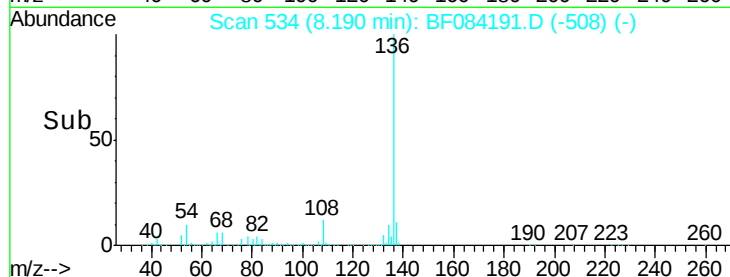


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.66 ng

RT: 7.32 min Scan# 458

Delta R.T. 0.00 min

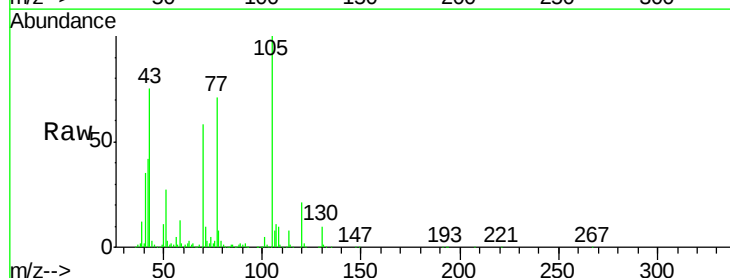
Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Tgt Ion:105 Resp: 1284369

Ion Ratio Lower Upper

105	100		
71	9.9	3.7	5.5#
51	26.7	25.1	37.7
120	21.4	16.6	25.0

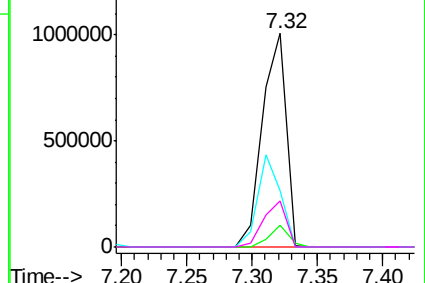
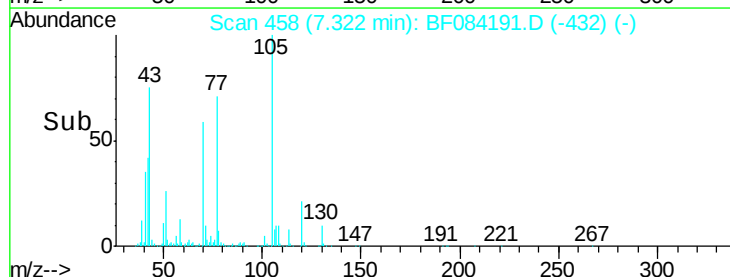


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.55 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

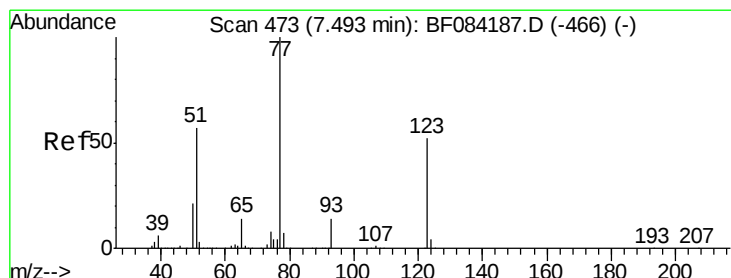
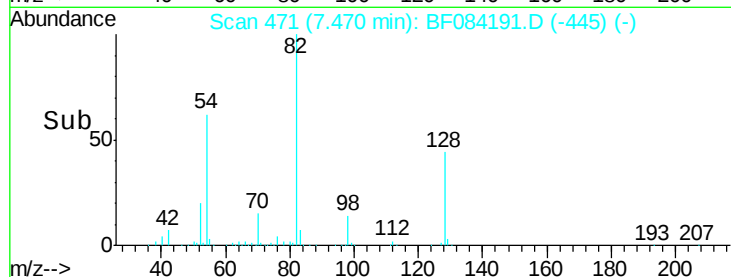
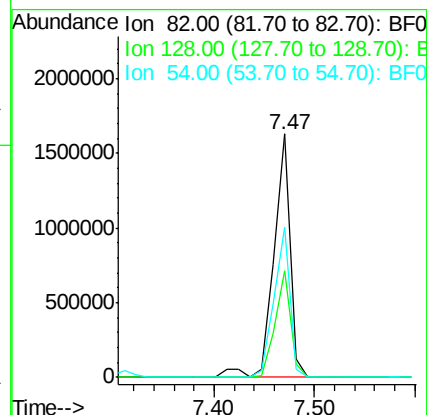
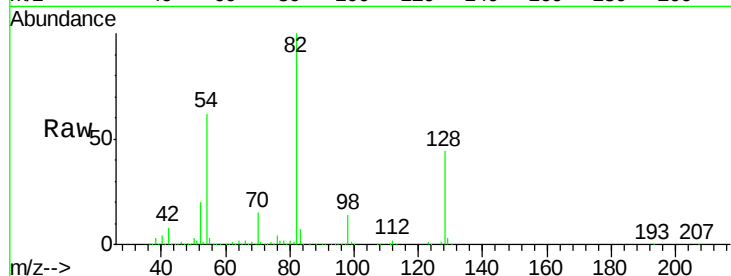
Tot Ion: 82 Resp: 1832414

Ion Ratio Lower Upper

82 100

128 43.8 34.6 51.8

54 61.8 38.4 57.6#



#24

Nitrobenzene

Concen: 43.27 ng

RT: 7.49 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

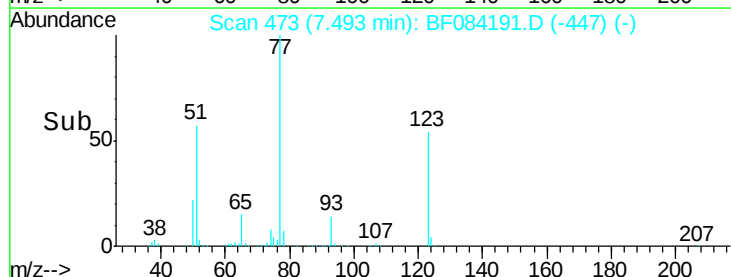
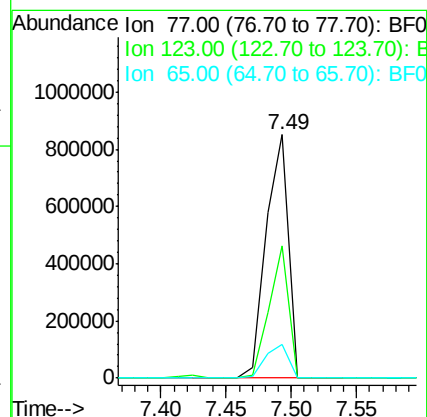
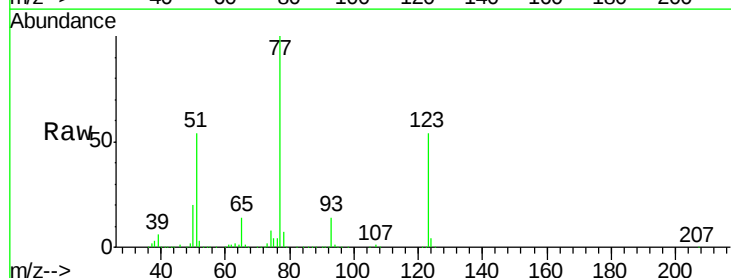
Tgt Ion: 77 Resp: 1011008

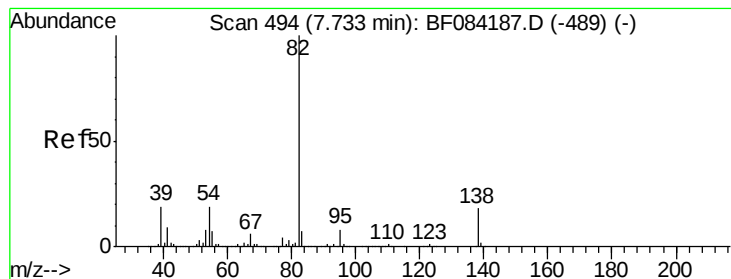
Ion Ratio Lower Upper

77 100

123 54.5 37.4 56.2

65 13.6 10.9 16.3





#25

Isophorone

Concen: 40.34 ng

RT: 7.73 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

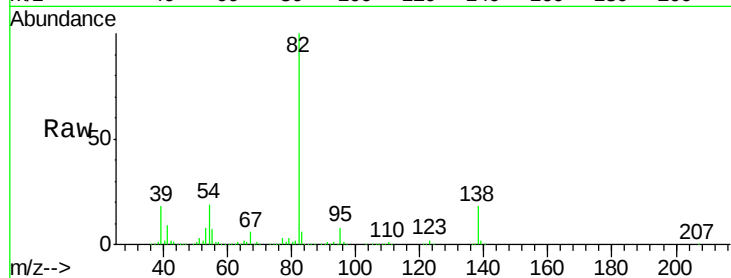
Tot Ion: 82 Resp: 1777283

Ion Ratio Lower Upper

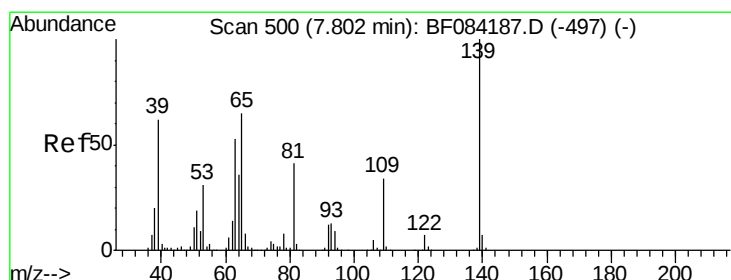
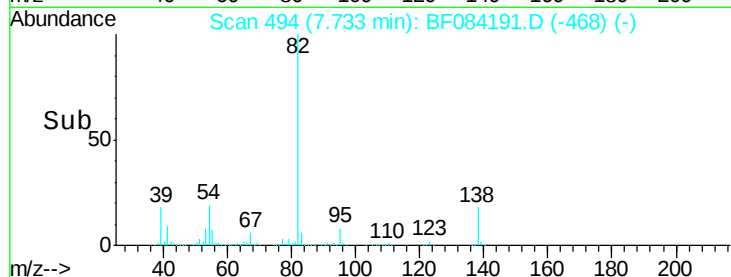
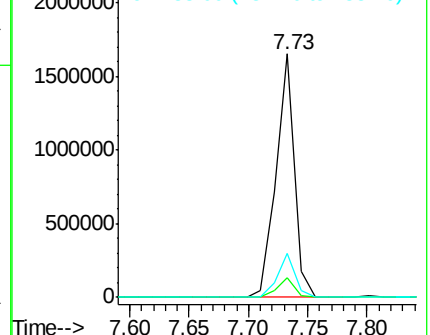
82 100

95 7.9 6.6 10.0

138 18.0 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: 40.00 ng

RT: 7.80 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

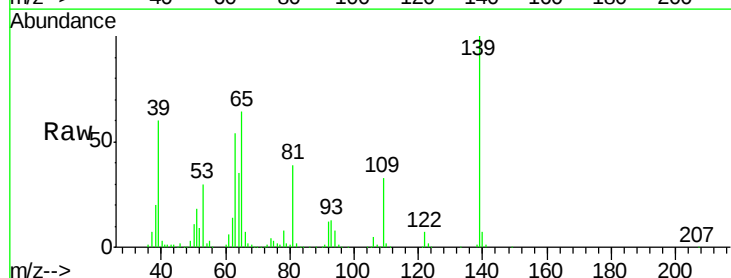
Tgt Ion: 139 Resp: 425319

Ion Ratio Lower Upper

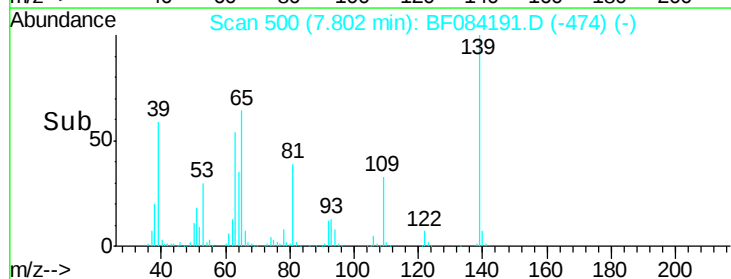
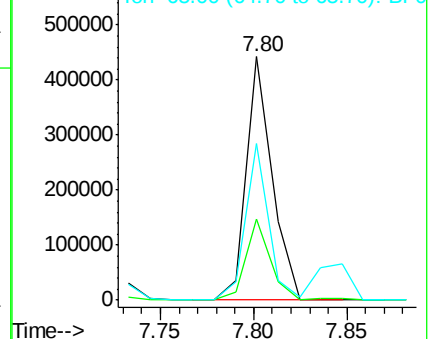
139 100

109 33.5 25.4 38.2

65 64.1 32.3 48.5#



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

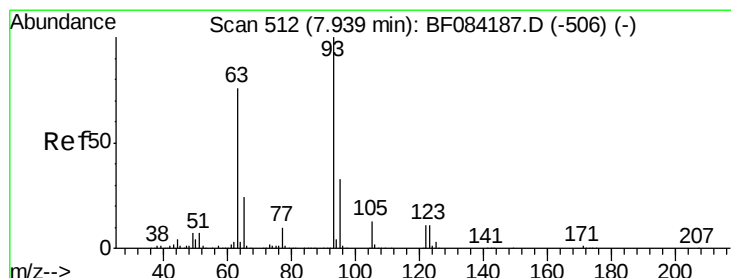
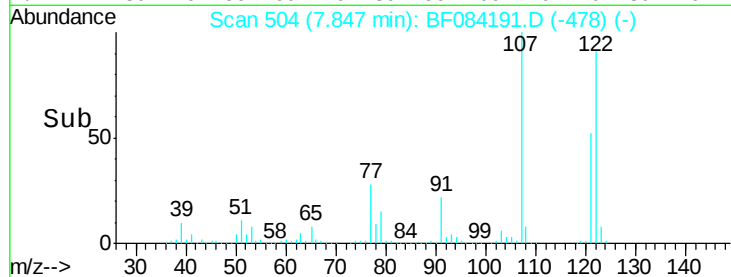
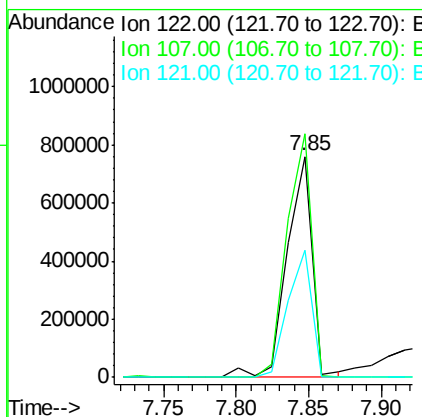
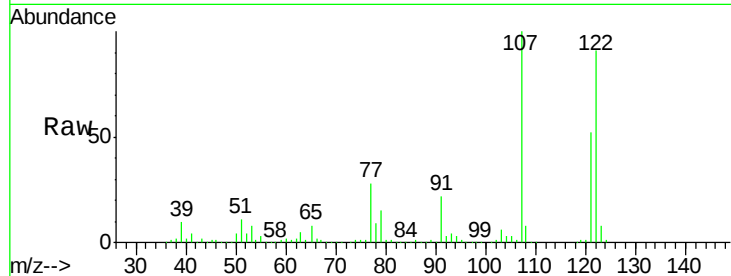




#27
 2,4-Dimethylphenol
 Concen: 42.27 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

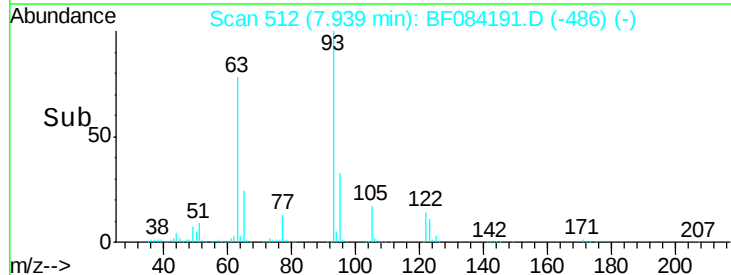
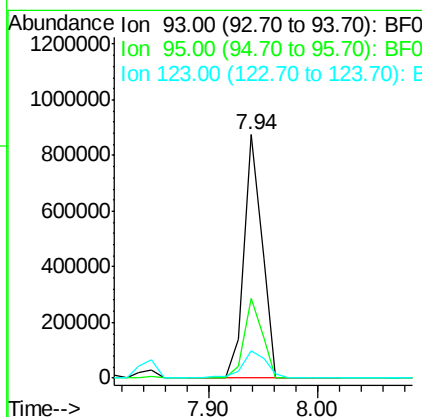
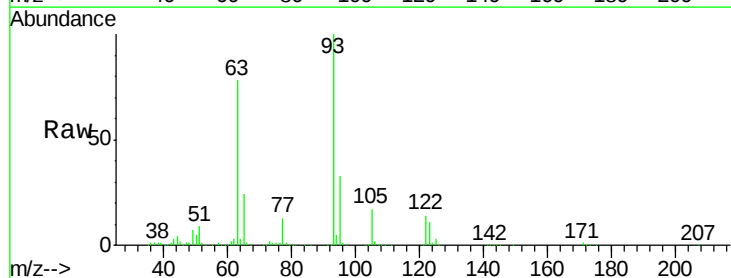
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:122 Resp: 909758
 Ion Ratio Lower Upper
 122 100
 107 110.4 99.1 148.7
 121 57.7 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.89 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion: 93 Resp: 992616
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.8 38.6
 123 11.2 8.6 12.8

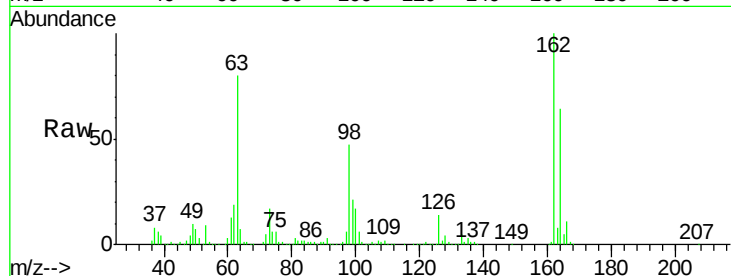




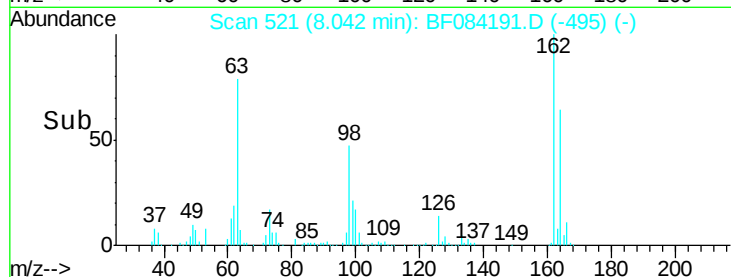
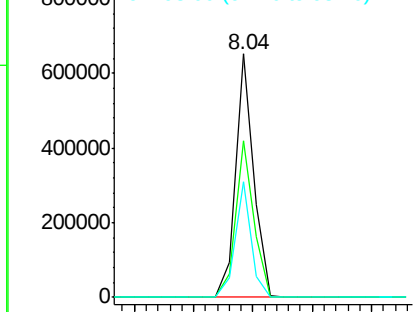
#29
2,4-Dichlorophenol
Concen: 38.31 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Instrument :
BNA_F
ClientSampleId :
ICVBF123115

Tot Ion:162 Resp: 686776
Ion Ratio Lower Upper
162 100
164 64.5 44.1 84.1
98 47.5 20.2 60.2

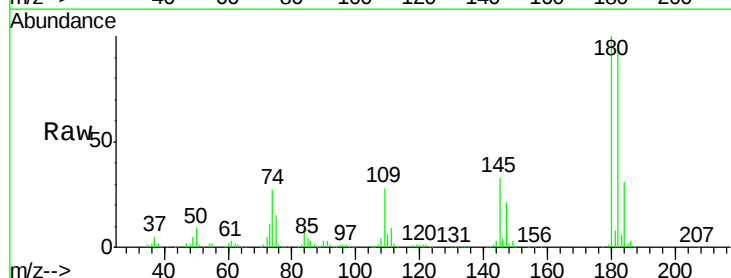


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

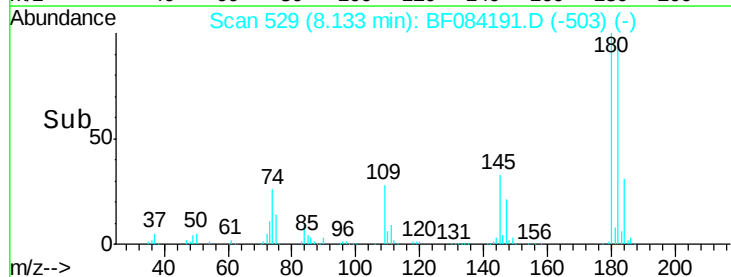
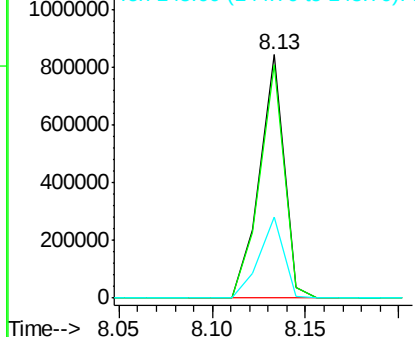


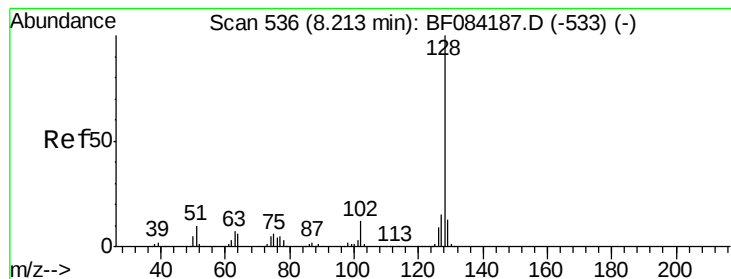
#30
1,2,4-Trichlorobenzene
Concen: 41.49 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:180 Resp: 768014
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 33.3 31.6 47.4



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: 40.65 ng

RT: 8.21 min Scan# 536

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

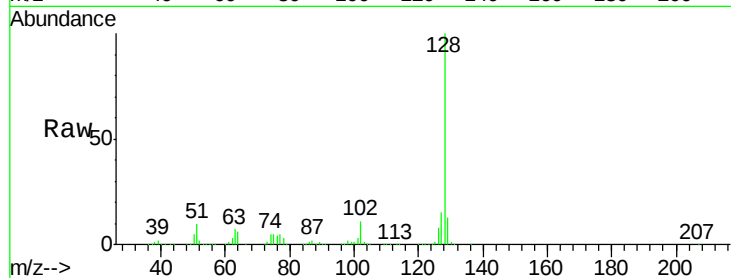
Tot Ion:128 Resp: 2364763

Ion Ratio Lower Upper

128 100

129 12.6 9.1 13.7

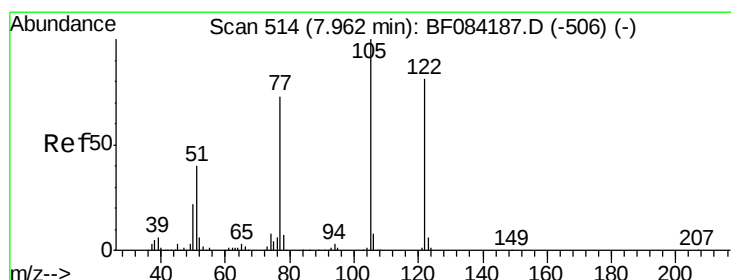
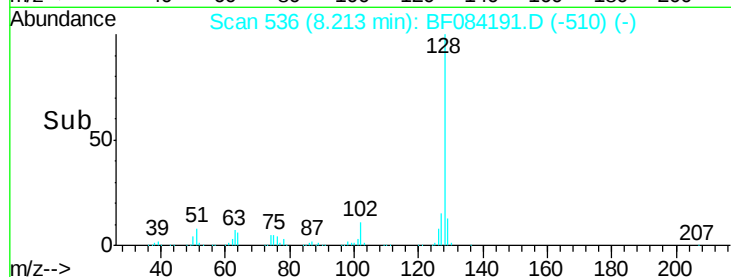
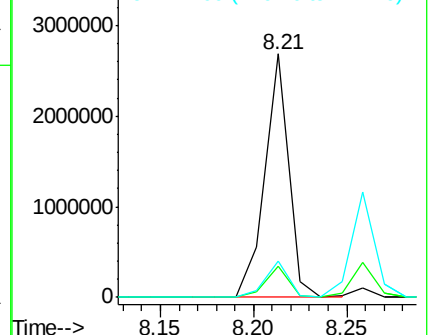
127 14.9 11.1 16.7



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: 43.85 ng

RT: 7.96 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

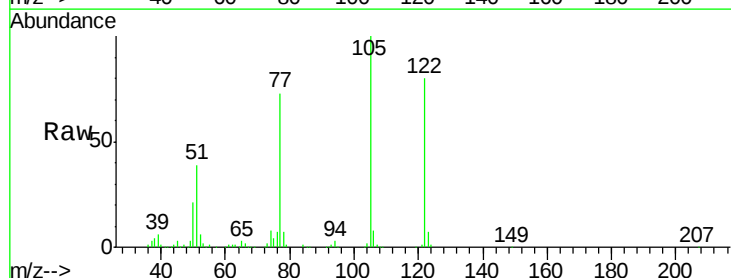
Tgt Ion:122 Resp: 598619

Ion Ratio Lower Upper

122 100

105 124.8 100.3 140.3

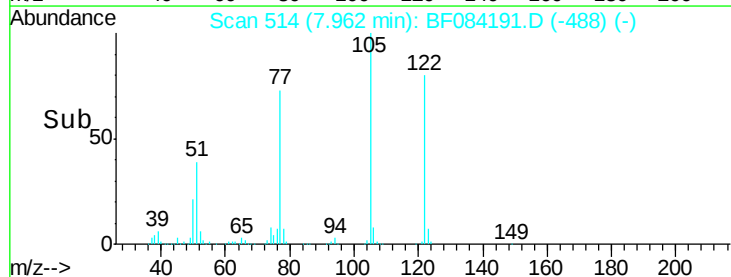
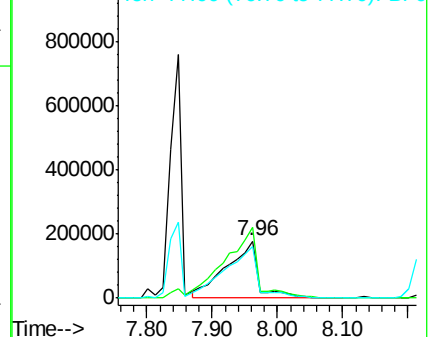
77 91.3 63.5 103.5

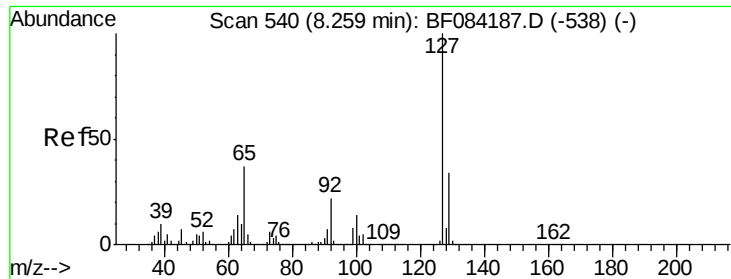


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

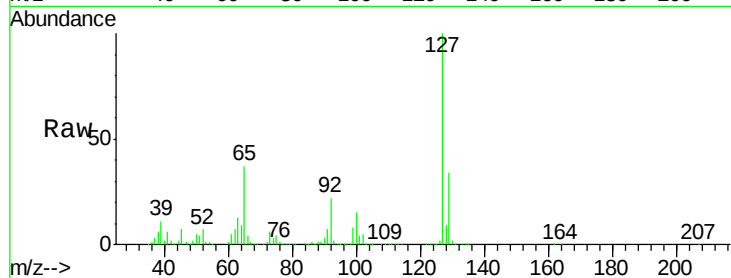




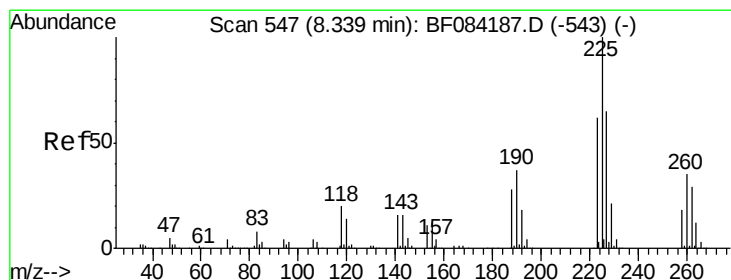
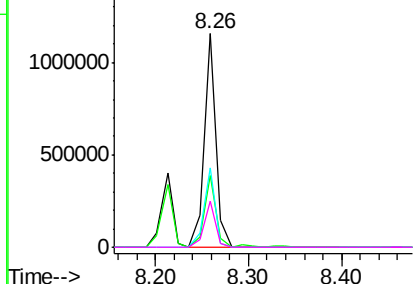
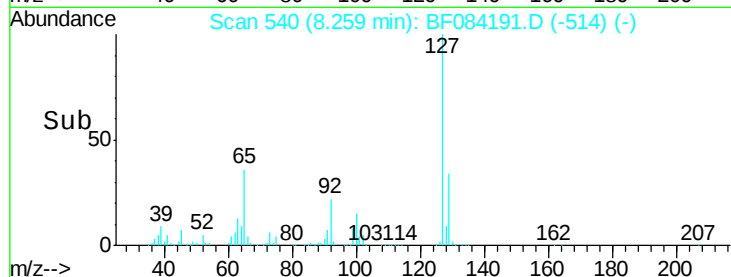
#33
 4-Chloroaniline
 Concen: 38.07 ng
 RT: 8.26 min Scan# 540
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:	127	Resp:	1015217
Ion	Ratio	Lower	Upper
127	100		
129	33.7	26.5	39.7
65	36.9	27.2	40.8
92	21.6	17.7	26.5

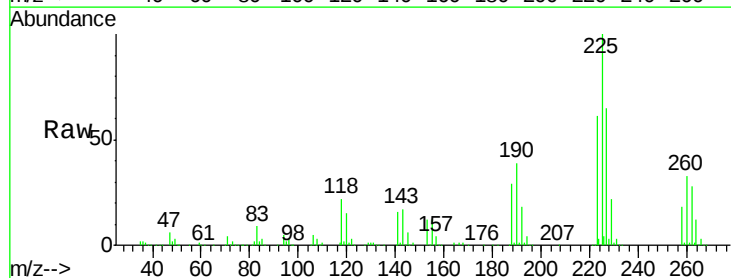


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

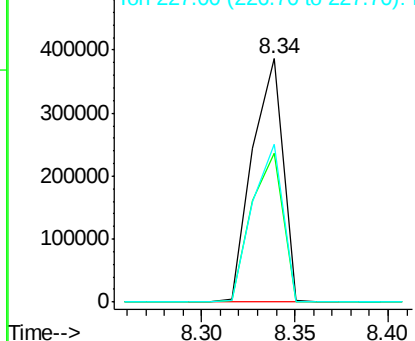
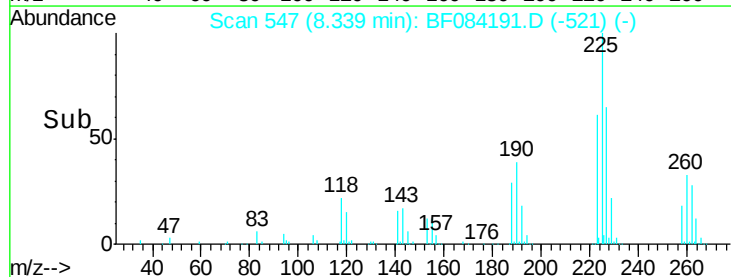


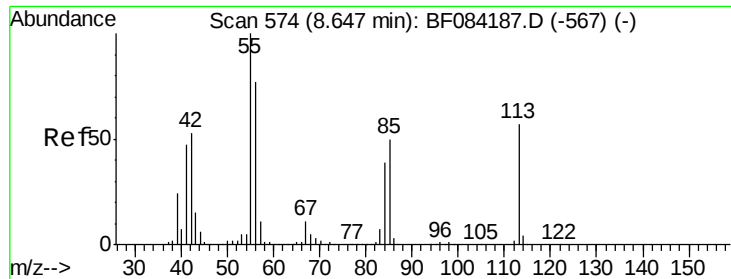
#34
 Hexachlorobutadiene
 Concen: 41.07 ng
 RT: 8.34 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:	225	Resp:	437001
Ion	Ratio	Lower	Upper
225	100		
223	61.1	49.4	74.0
227	64.9	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

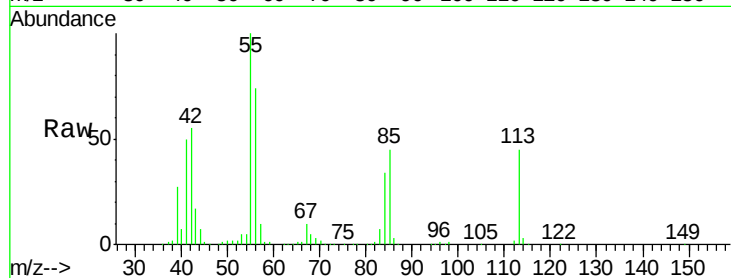




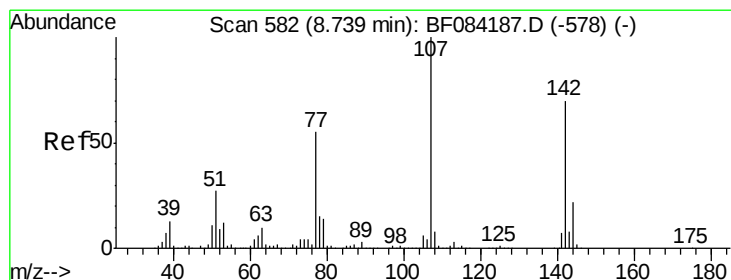
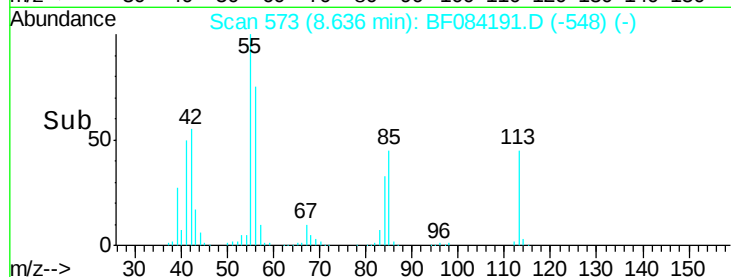
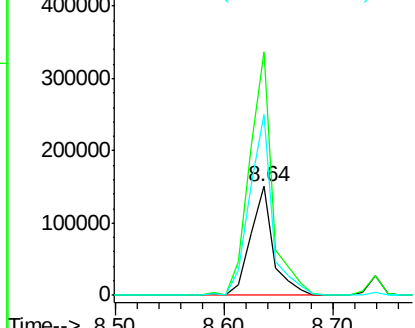
#35
 Caprolactam
 Concen: 36.56 ng
 RT: 8.64 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:113 Resp: 220982
 Ion Ratio Lower Upper
 113 100
 55 223.2 116.9 156.9#
 56 166.3 93.8 133.8#

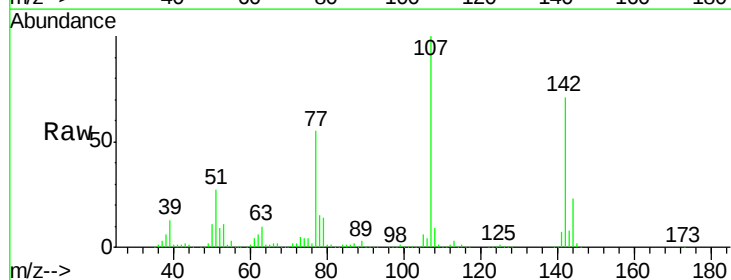


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

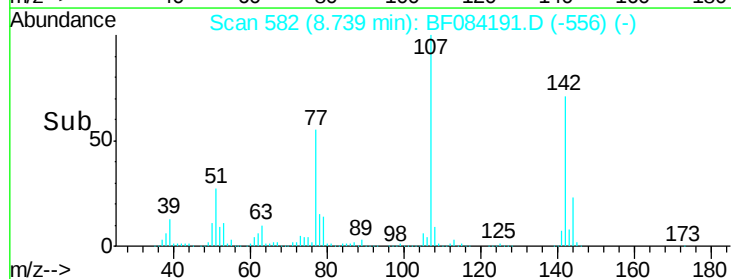
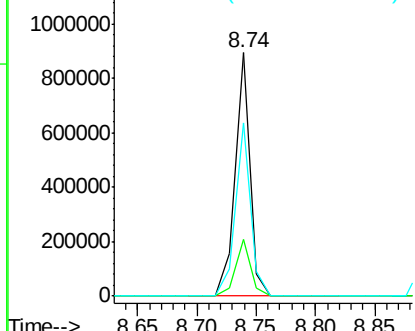


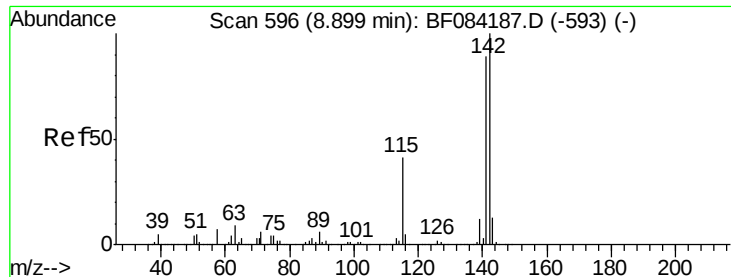
#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:107 Resp: 781901
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.7 29.5
 142 71.3 61.8 92.6



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

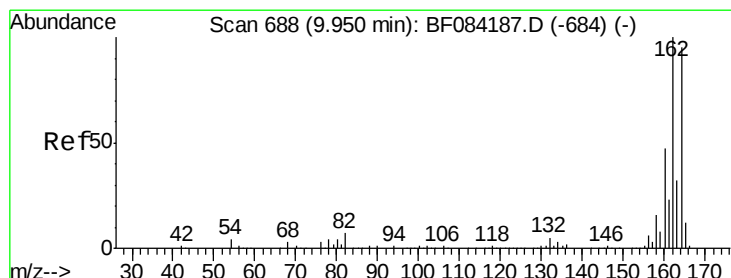
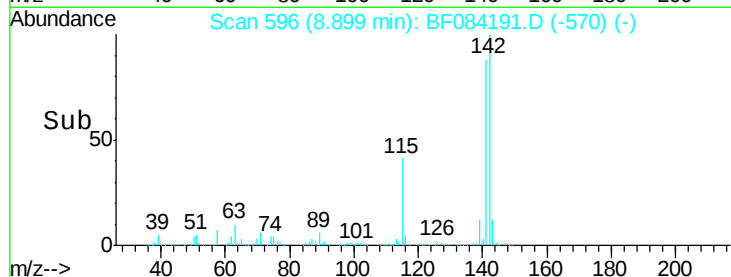
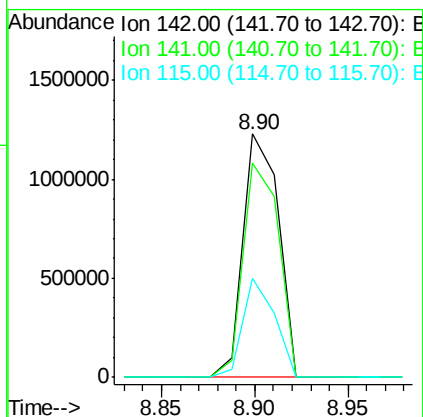
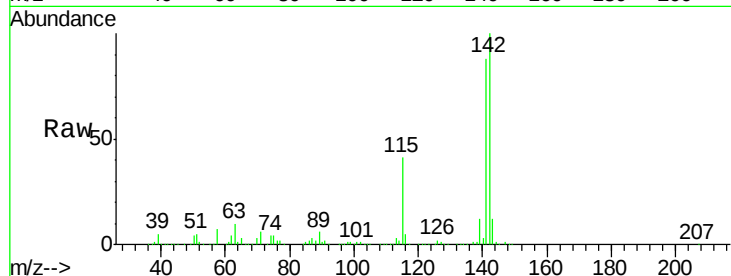




#37
2-Methylnaphthalene
Concen: 38.61 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

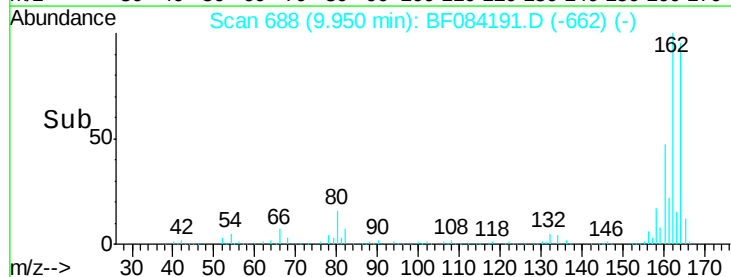
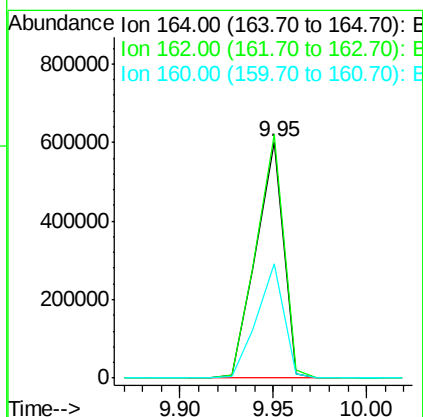
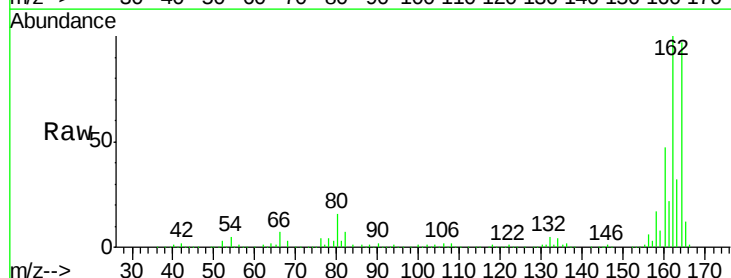
Instrument :
BNA_F
ClientSampleId :
ICVBF123115

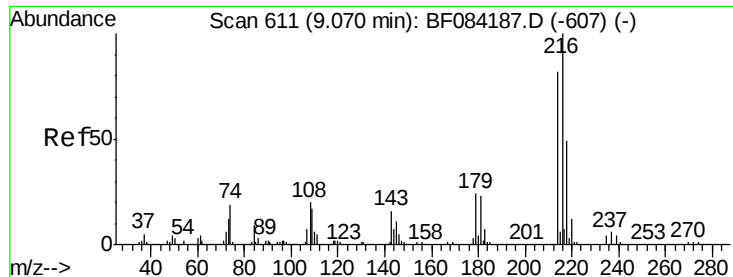
Tot Ion:142 Resp: 1611975
Ion Ratio Lower Upper
142 100
141 88.1 72.4 108.6
115 40.8 27.9 41.9



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:164 Resp: 613844
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 48.6 37.5 56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.68 ng

RT: 9.07 min Scan# 611

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

Tot Ion:216 Resp: 717968

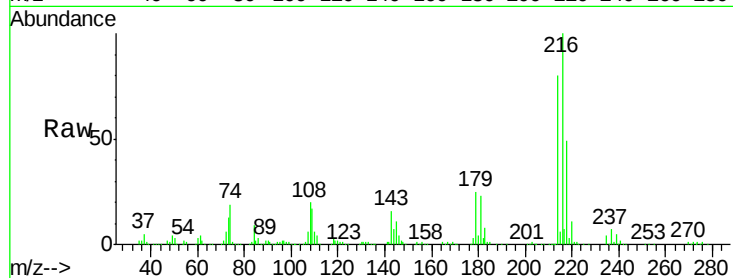
Ion Ratio Lower Upper

216 100

214 79.5 64.2 96.2

179 24.8 18.7 28.1

108 24.0 16.8 25.2

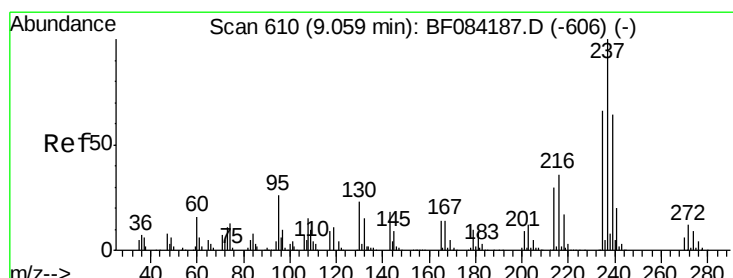
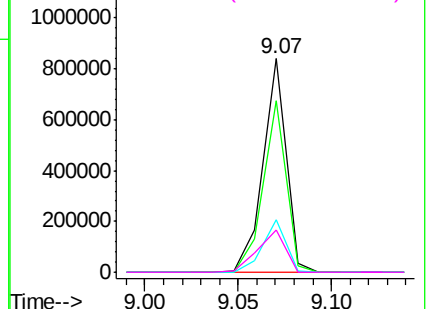
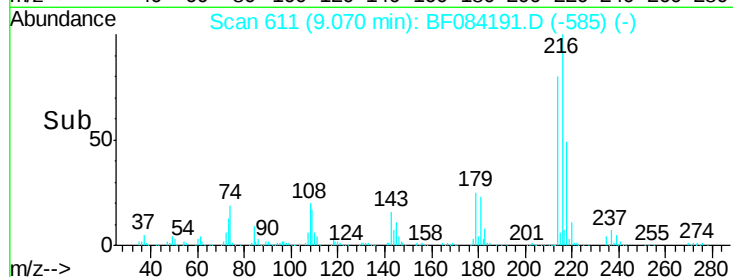


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.74 ng

RT: 9.06 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

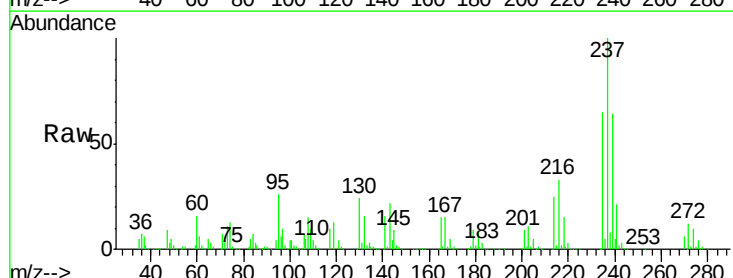
Tgt Ion:237 Resp: 434052

Ion Ratio Lower Upper

237 100

235 65.1 43.1 83.1

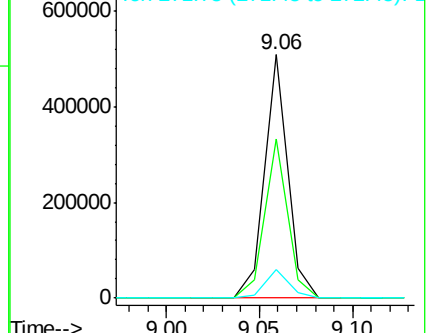
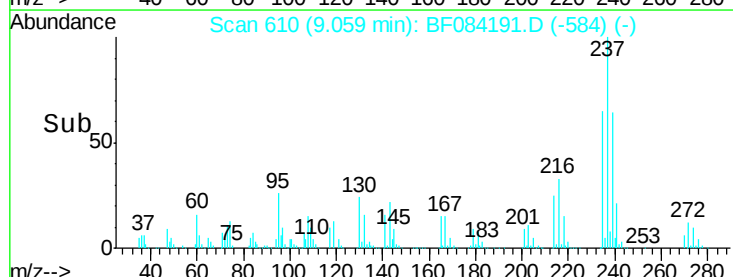
272 11.9 0.0 35.1



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

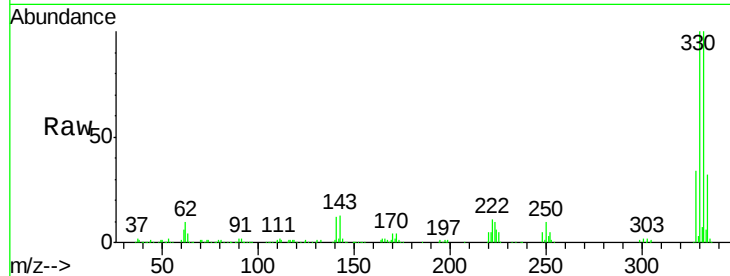




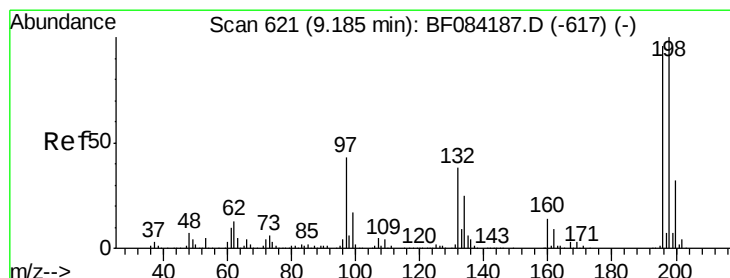
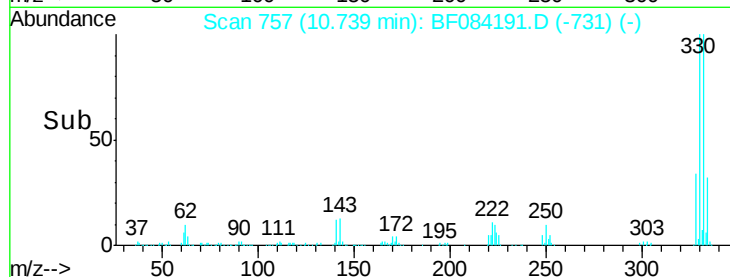
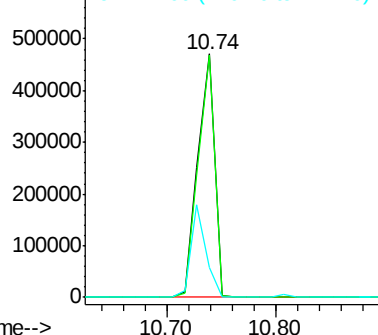
#41
 2,4,6-Tribromophenol
 Concen: 82.02 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:330 Resp: 508307
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 34.1 27.8 41.6

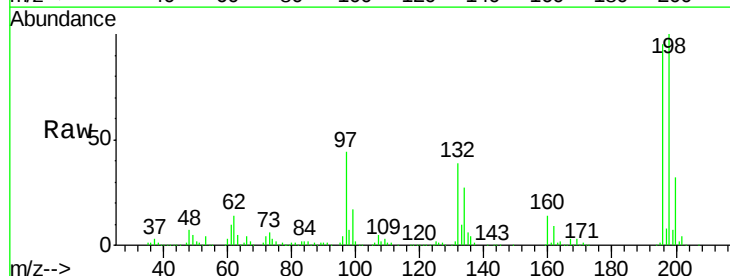


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

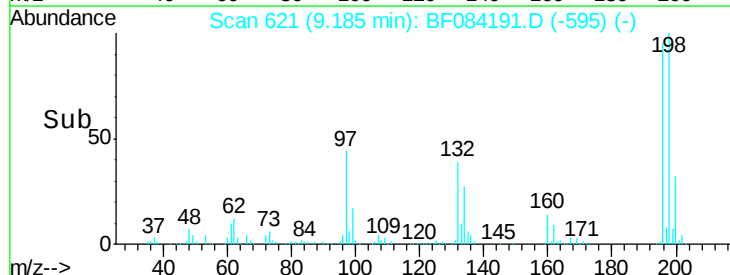
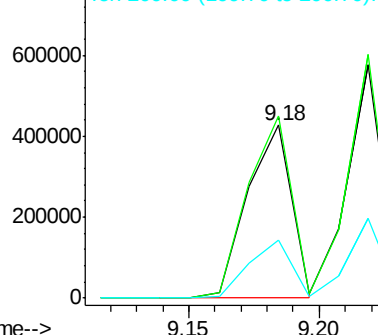


#42
 2,4,6-Trichlorophenol
 Concen: 37.84 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:196 Resp: 499649
 Ion Ratio Lower Upper
 196 100
 198 105.3 77.7 116.5
 200 33.7 24.6 37.0



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

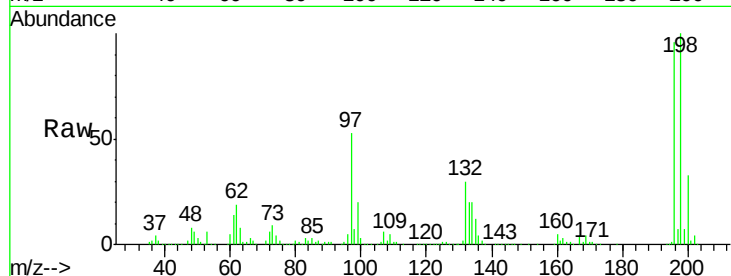




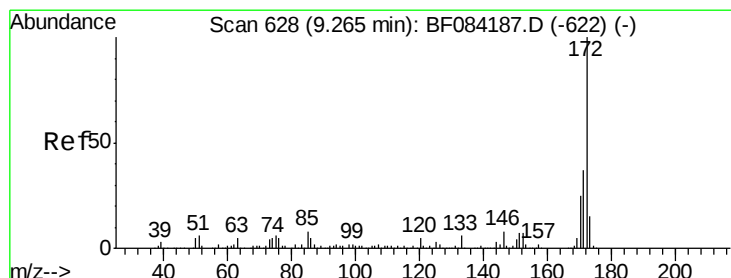
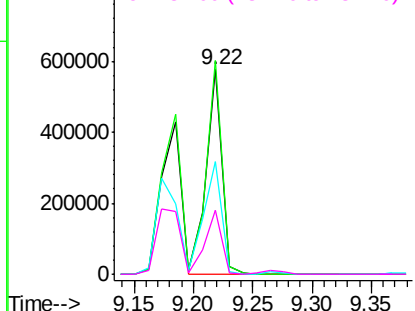
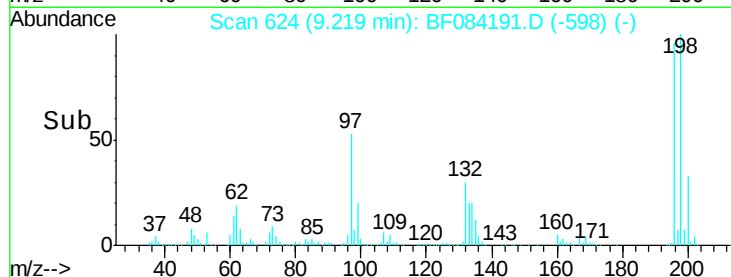
#43
 2,4,5-Trichlorophenol
 Concen: 42.01 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:196 Resp: 531730
 Ion Ratio Lower Upper
 196 100
 198 104.5 79.0 118.6
 97 55.2 33.0 49.6#
 132 31.1 21.1 31.7

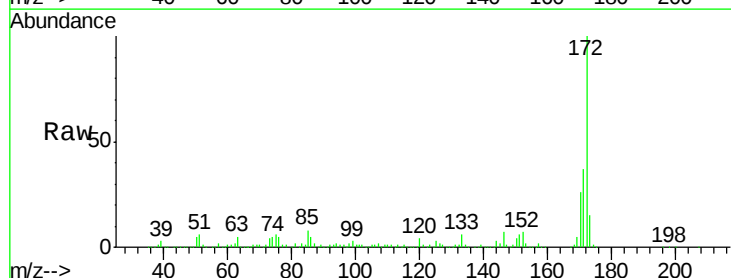


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

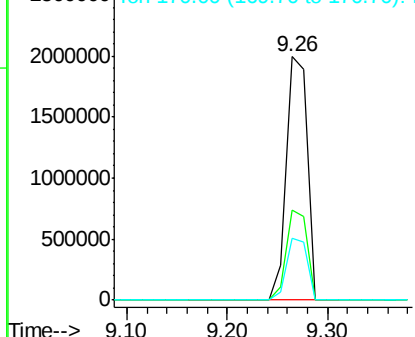
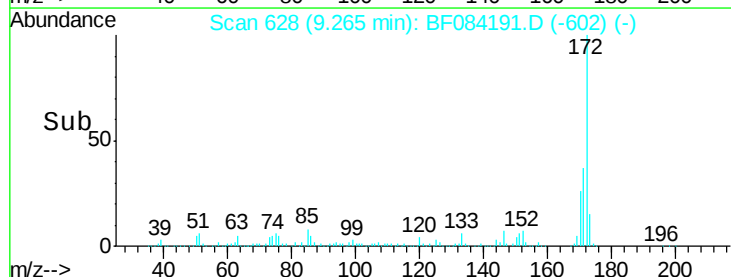


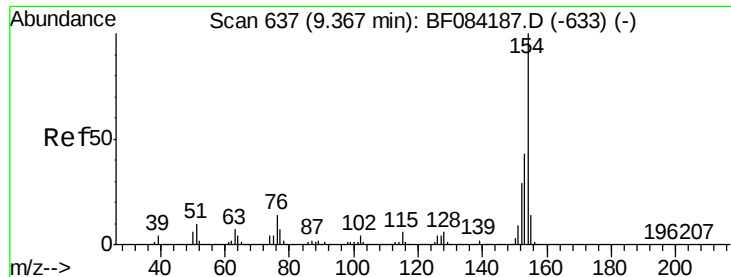
#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:172 Resp: 2872734
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.9 43.3
 170 25.6 18.6 27.8



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: 37.61 ng

RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

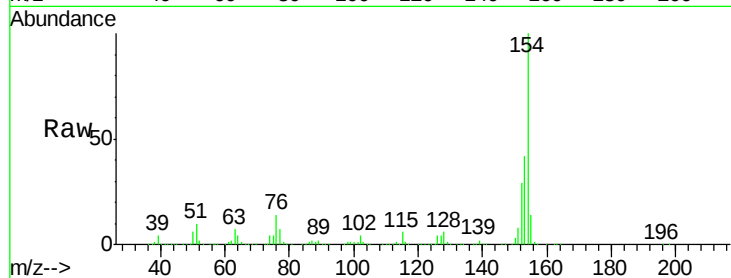
Tot Ion:154 Resp: 1835056

Ion Ratio Lower Upper

154 100

153 41.7 21.6 61.6

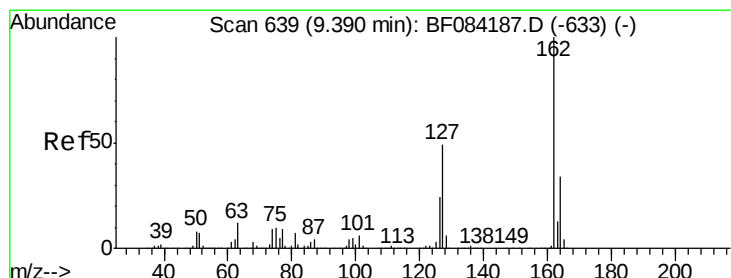
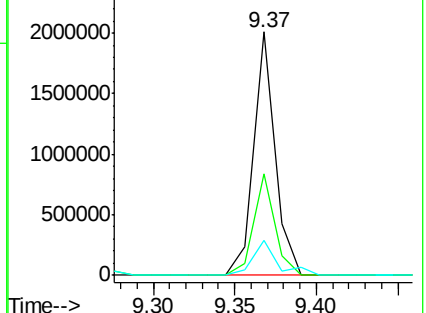
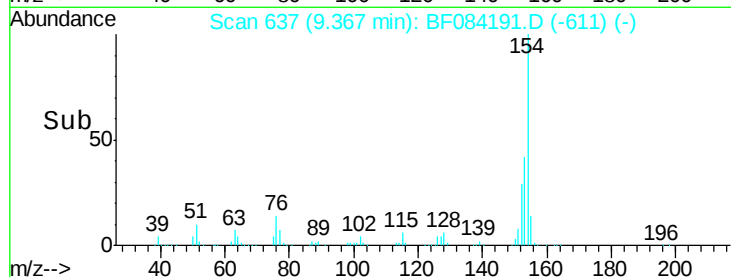
76 14.2 0.0 32.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 36.88 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

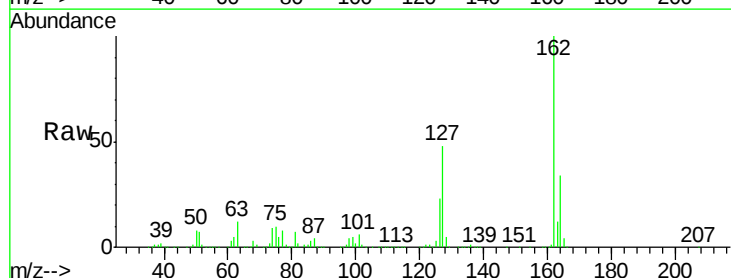
Tgt Ion:162 Resp: 1413437

Ion Ratio Lower Upper

162 100

127 47.6 40.2 60.4

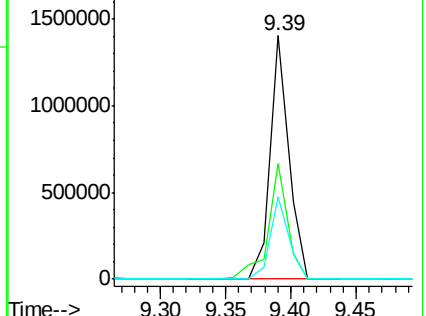
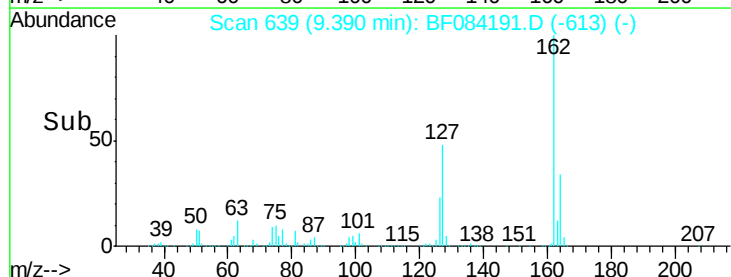
164 33.7 25.7 38.5

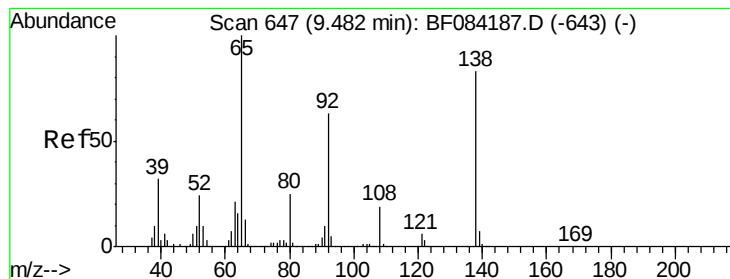


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.43 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

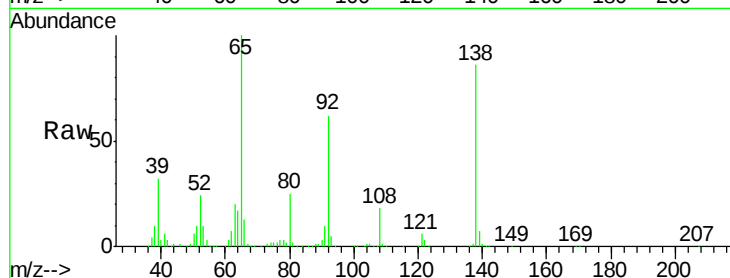
Tot Ion: 65 Resp: 485995

Ion Ratio Lower Upper

65 100

92 62.1 53.4 80.2

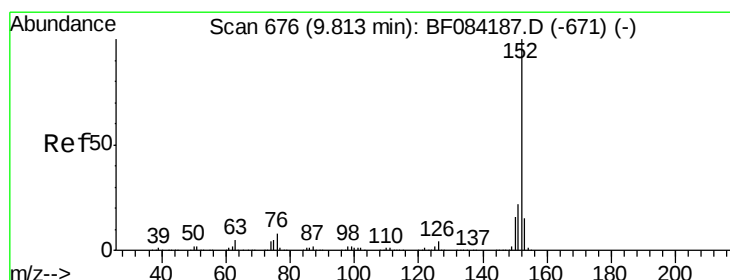
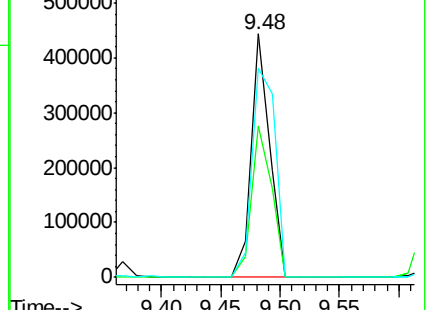
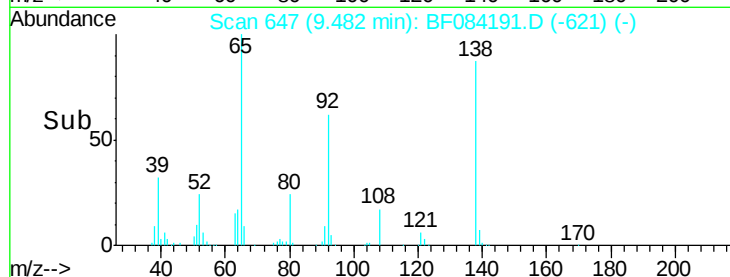
138 86.1 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 41.43 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

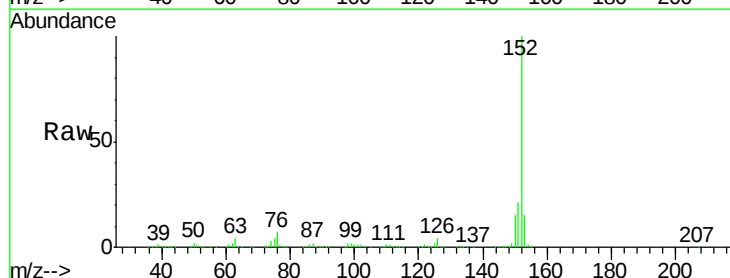
Tgt Ion: 152 Resp: 2345838

Ion Ratio Lower Upper

152 100

151 21.3 16.3 24.5

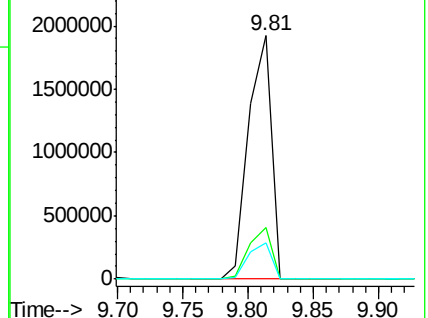
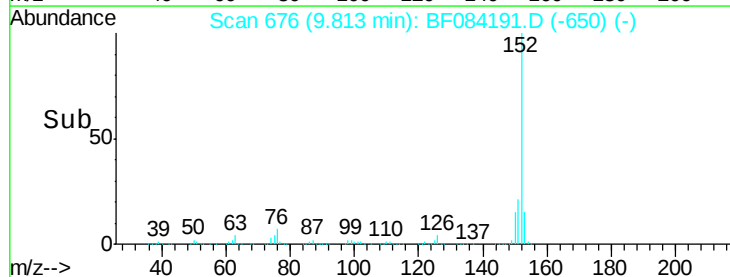
153 14.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

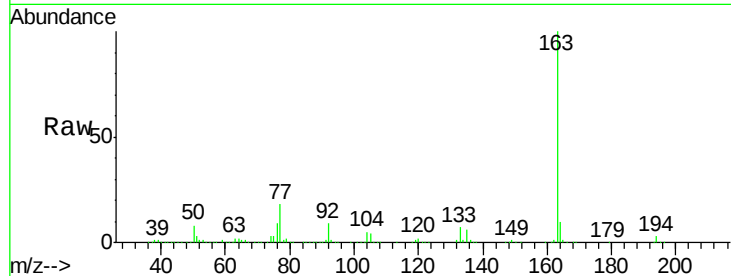




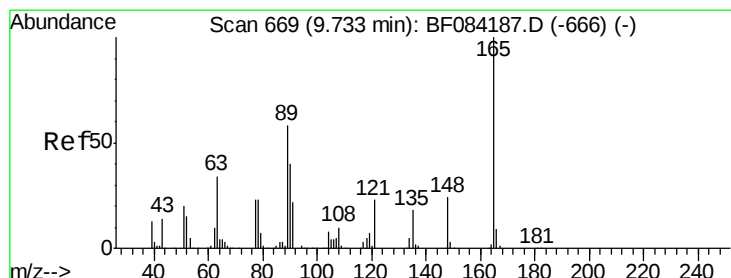
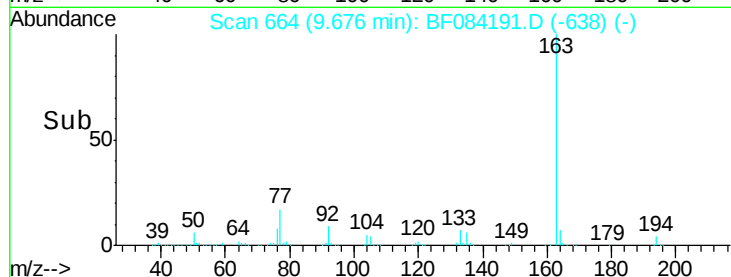
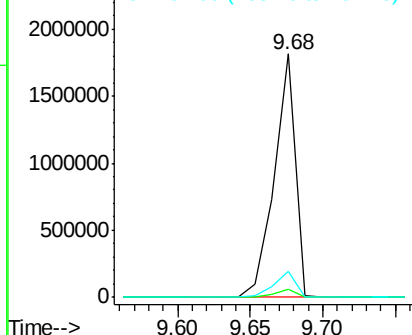
#49
Dimethylphthalate
Concen: 41.50 ng
RT: 9.68 min Scan# 664
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Instrument :
BNA_F
ClientSampleId :
ICVBF123115

Tot Ion:163 Resp: 1821333
Ion Ratio Lower Upper
163 100
194 3.5 8.0 12.0#
164 10.5 8.0 12.0

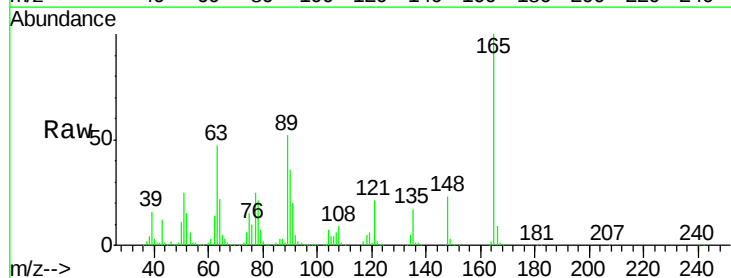


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

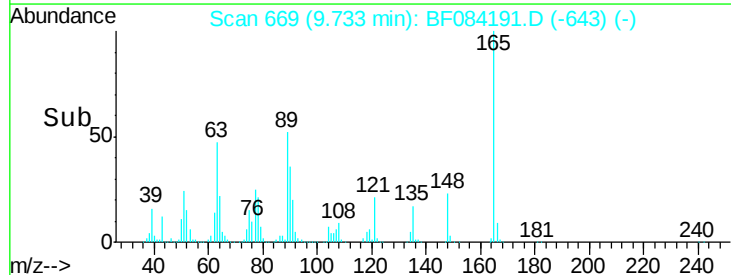
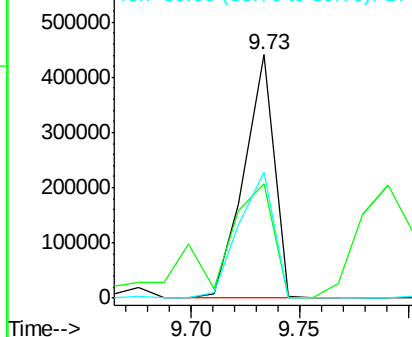


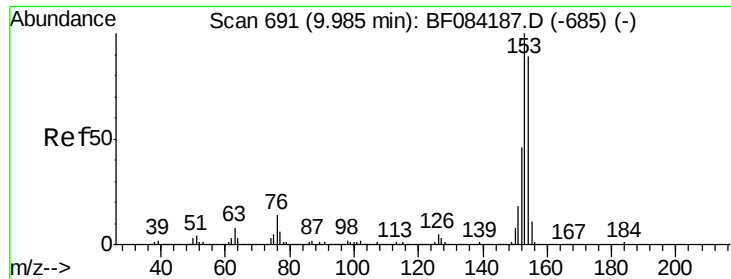
#50
2,6-Dinitrotoluene
Concen: 44.30 ng
RT: 9.73 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:165 Resp: 426422
Ion Ratio Lower Upper
165 100
63 47.1 28.8 43.2#
89 51.6 35.1 52.7



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: 42.45 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

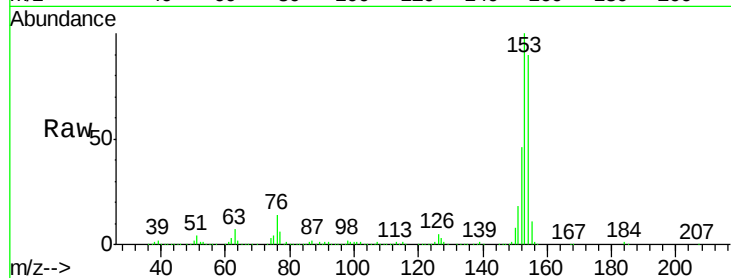
Tot Ion:154 Resp: 1612180

Ion Ratio Lower Upper

154 100

153 110.8 91.5 137.3

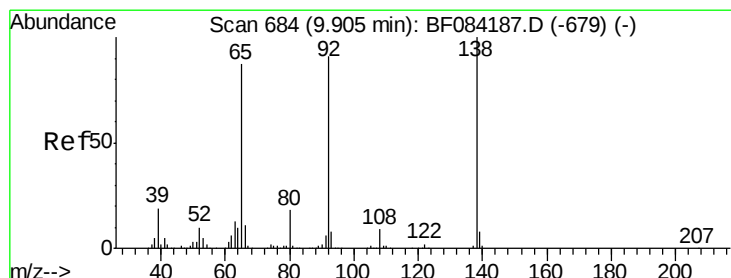
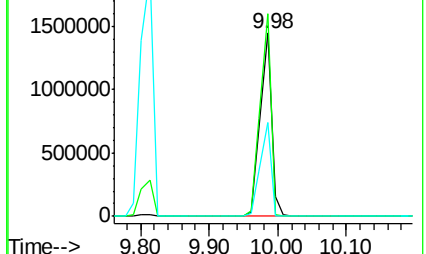
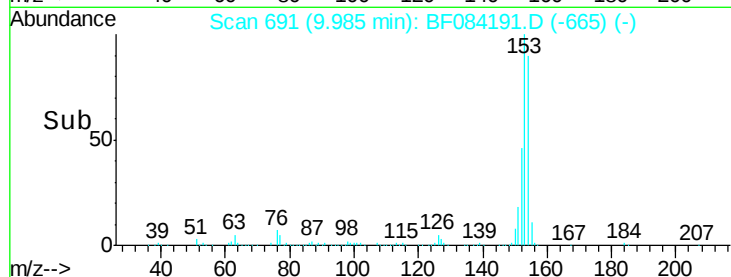
152 51.2 43.0 64.6



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: 38.90 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

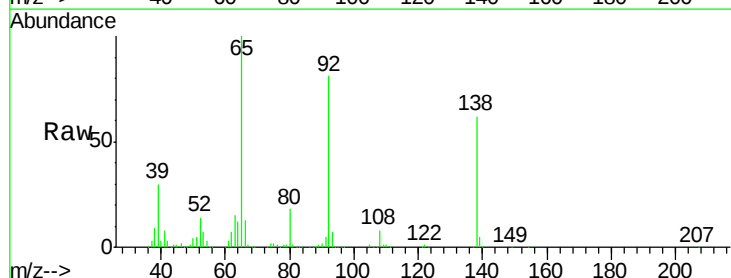
Tgt Ion:138 Resp: 463924

Ion Ratio Lower Upper

138 100

108 12.4 10.5 15.7

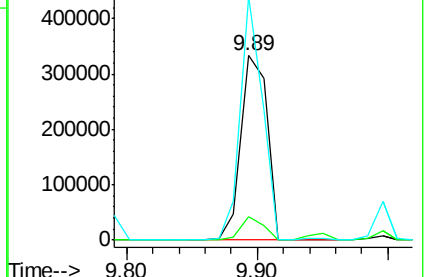
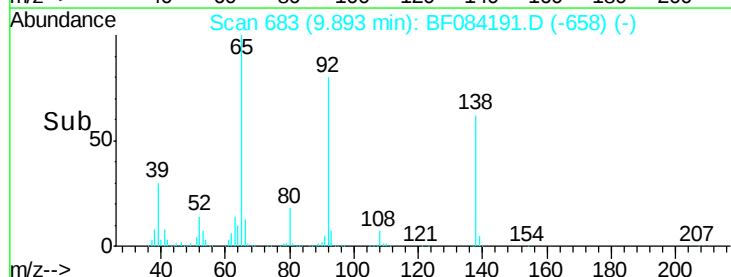
92 131.9 103.9 155.9

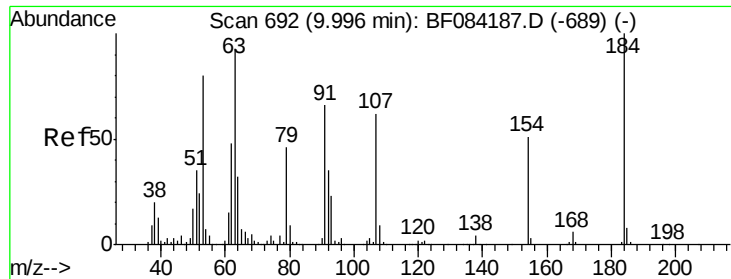


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

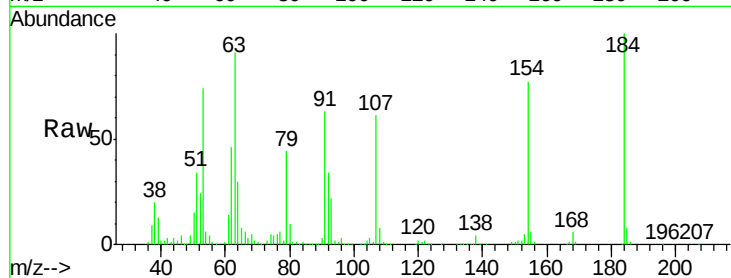




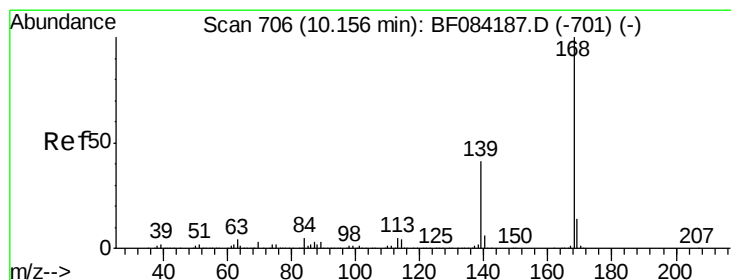
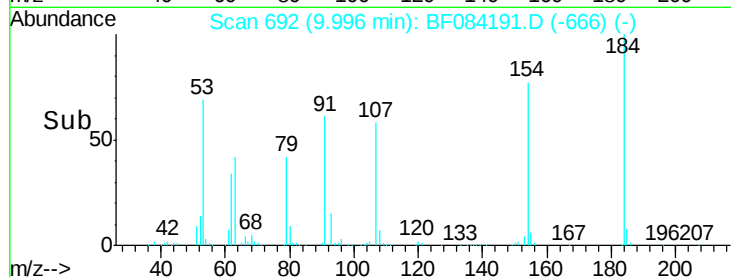
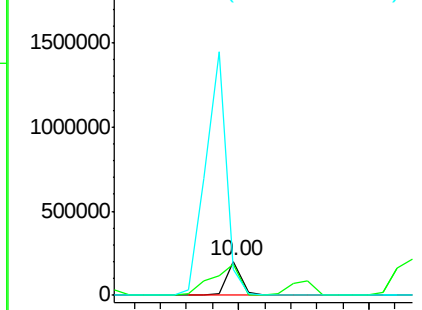
#53
2,4-Dinitrophenol
Concen: 41.54 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Instrument :
BNA_F
ClientSampleId :
ICVBF123115

Tot Ion:184 Resp: 162976
Ion Ratio Lower Upper
184 100
63 90.6 43.1 64.7#
154 77.4 60.5 90.7

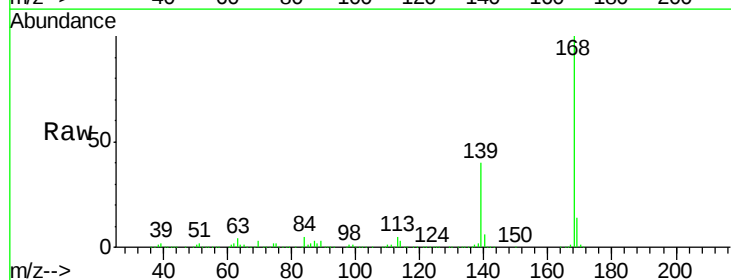


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

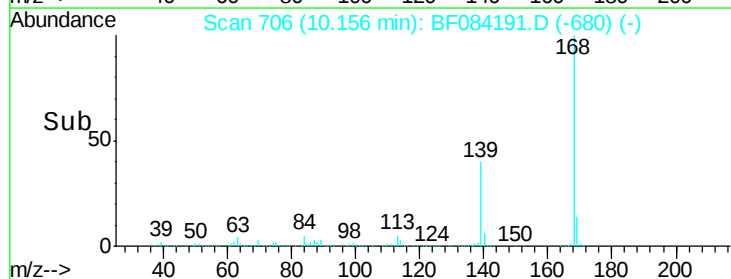
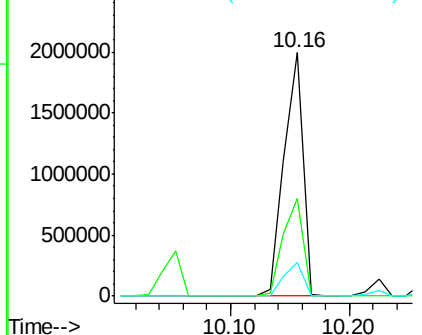


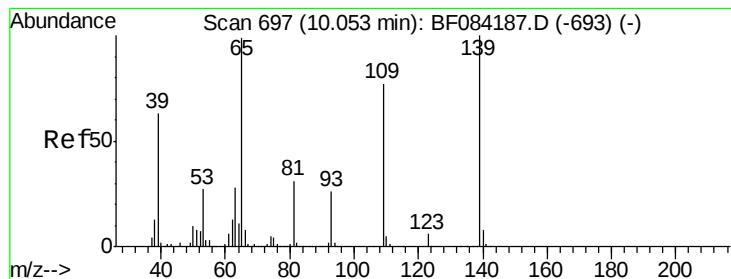
#54
Dibenzofuran
Concen: 43.99 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:168 Resp: 2167096
Ion Ratio Lower Upper
168 100
139 40.2 30.5 45.7
169 14.1 10.4 15.6



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: 45.59 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

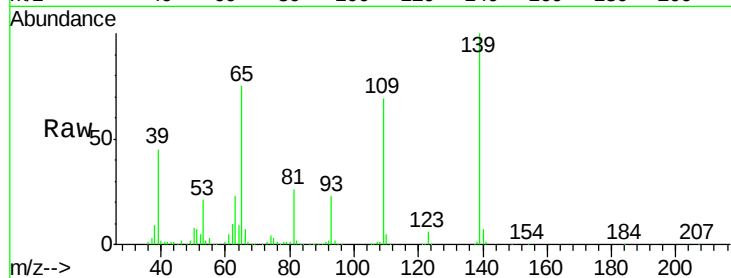
Tot Ion:139 Resp: 394700

Ion Ratio Lower Upper

139 100

109 69.1 58.5 98.5

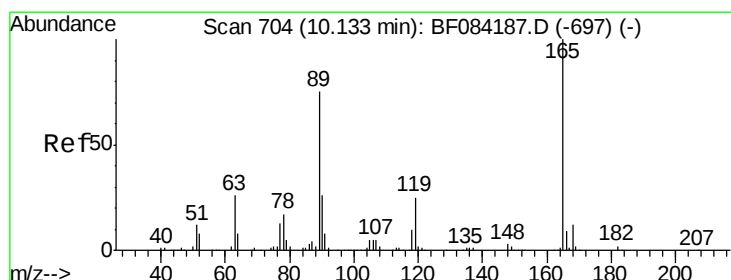
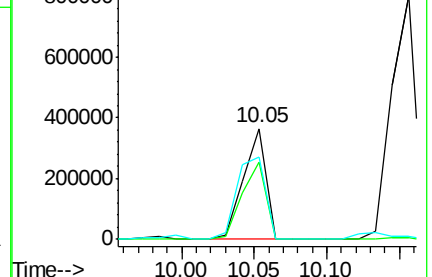
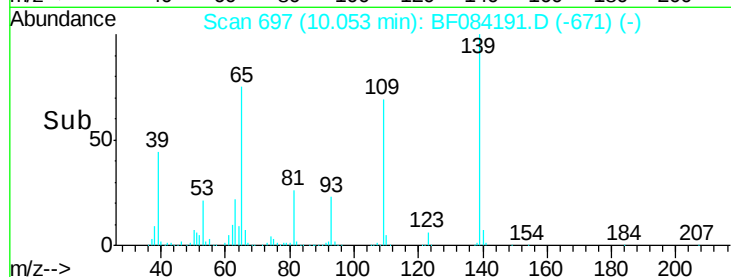
65 74.7 57.6 97.6



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: 47.17 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Tgt Ion:165 Resp: 574591

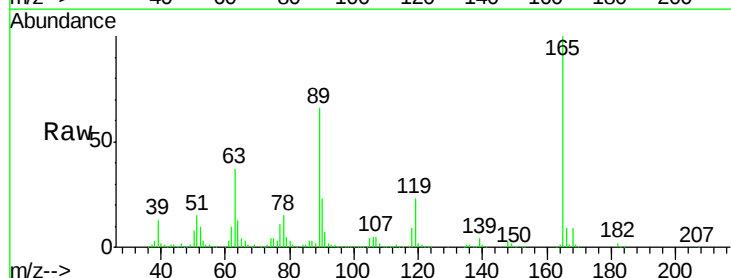
Ion Ratio Lower Upper

165 100

63 37.2 36.7 55.1

89 66.3 61.9 92.9

182 2.2 2.0 3.0

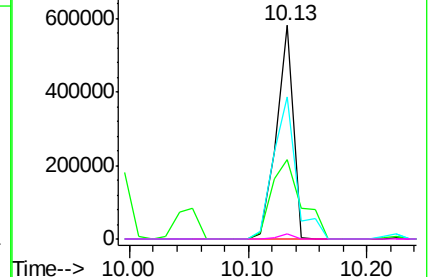
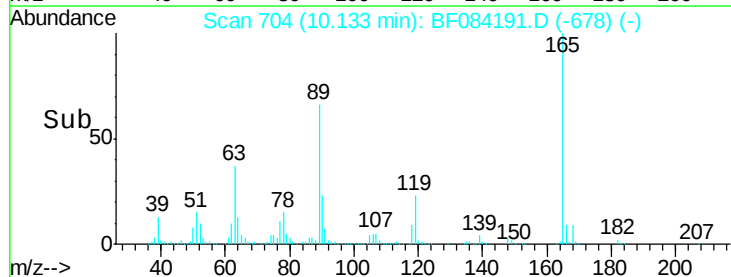


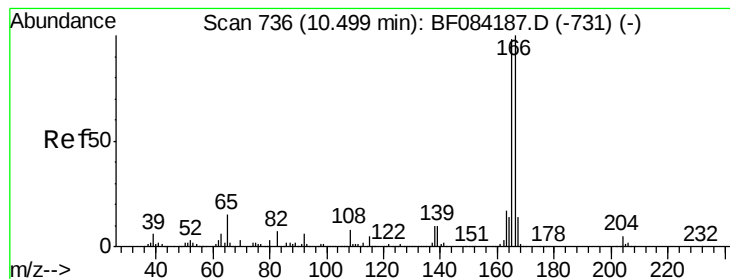
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.95 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

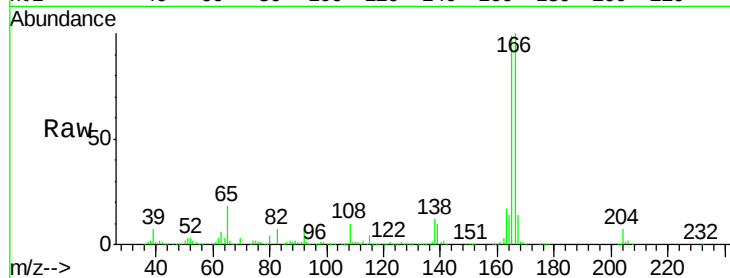
Tot Ion:166 Resp: 1565741

Ion Ratio Lower Upper

166 100

165 98.7 79.1 118.7

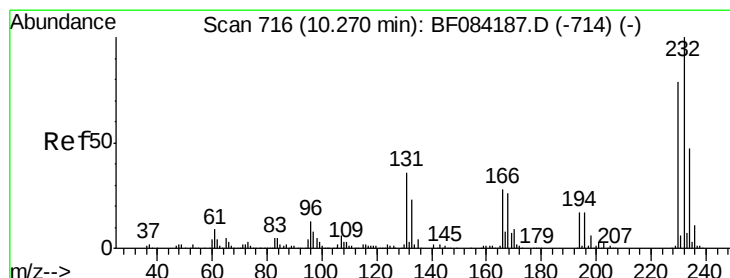
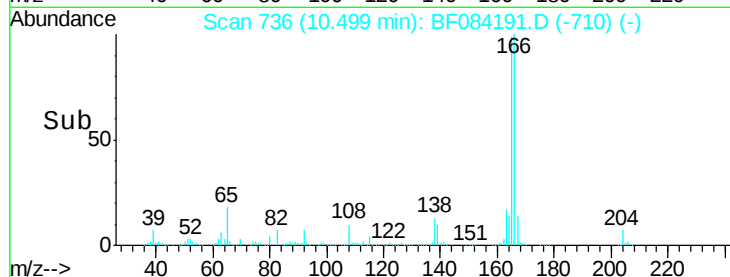
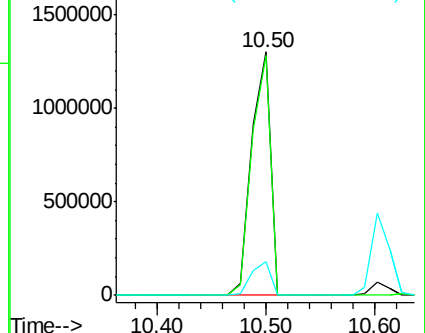
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.44 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Tgt Ion:232 Resp: 447766

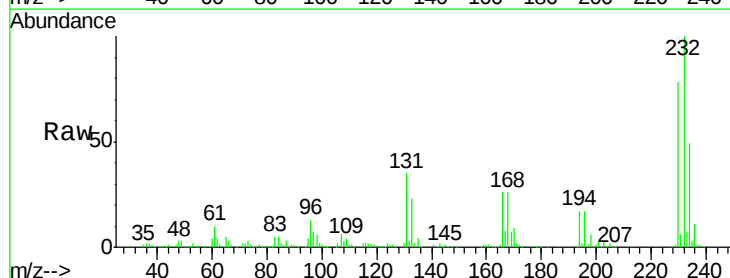
Ion Ratio Lower Upper

232 100

131 48.1 47.0 70.6

130 2.3 2.0 3.0

166 31.3 30.5 45.7

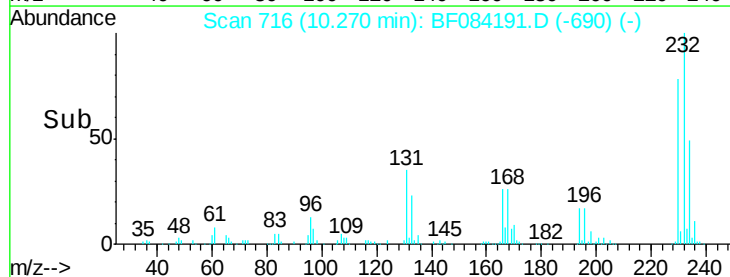
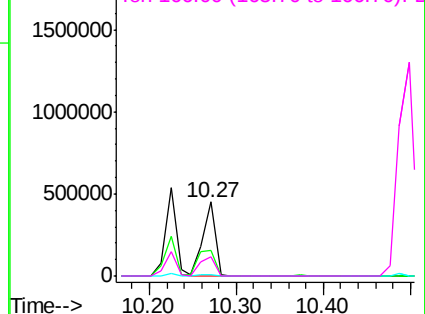


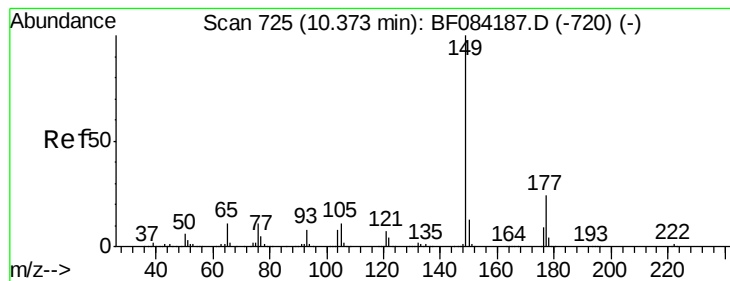
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.93 ng

RT: 10.37 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

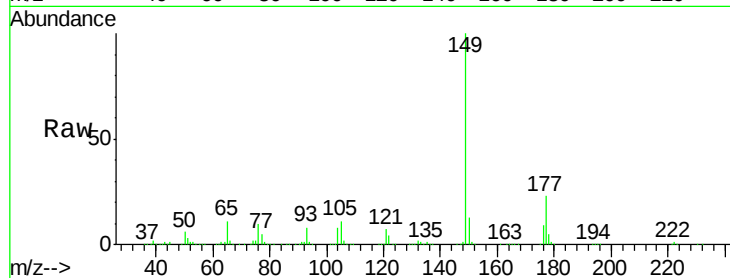
Tot Ion:149 Resp: 1763915

Ion Ratio Lower Upper

149 100

177 23.4 17.3 25.9

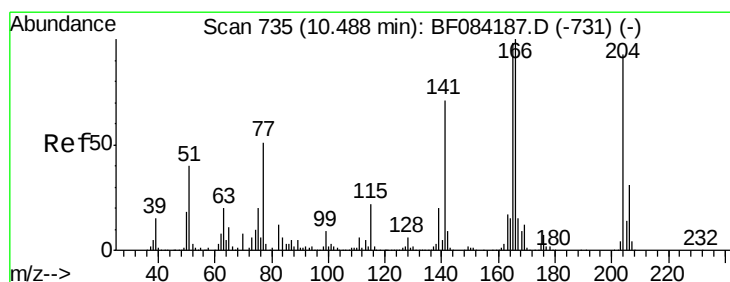
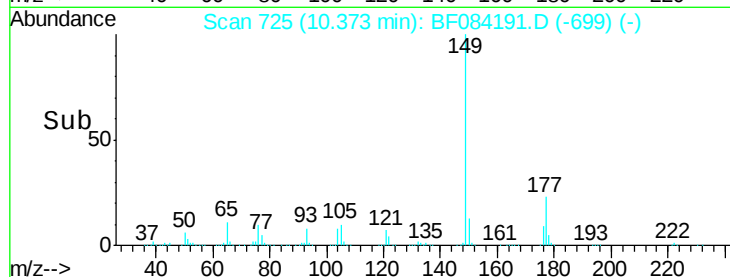
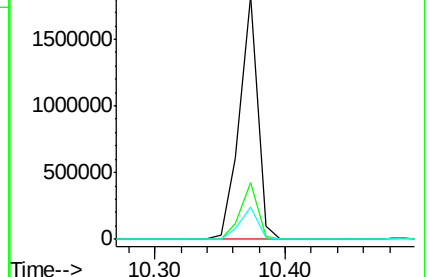
150 13.1 9.8 14.8



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: 42.41 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

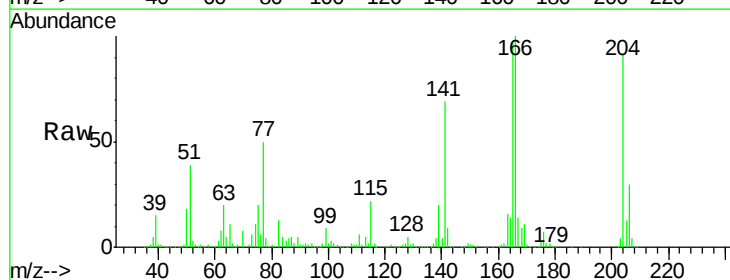
Tgt Ion:204 Resp: 687913

Ion Ratio Lower Upper

204 100

206 33.4 25.7 38.5

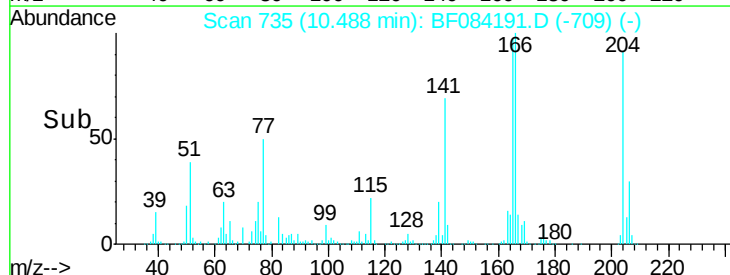
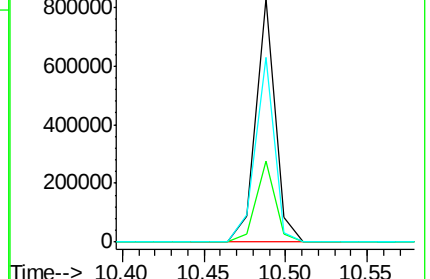
141 76.0 55.1 82.7



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

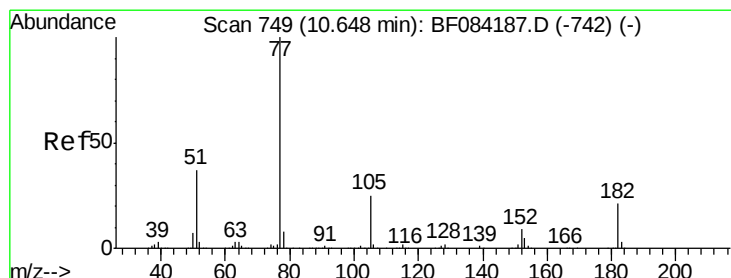
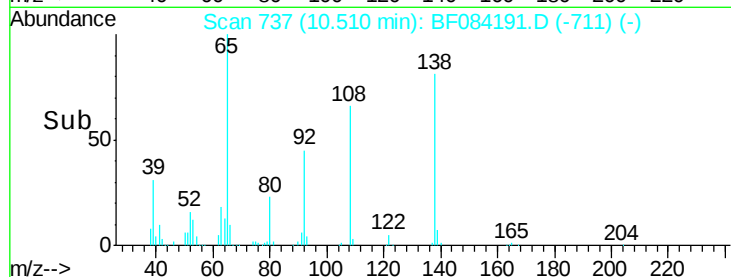
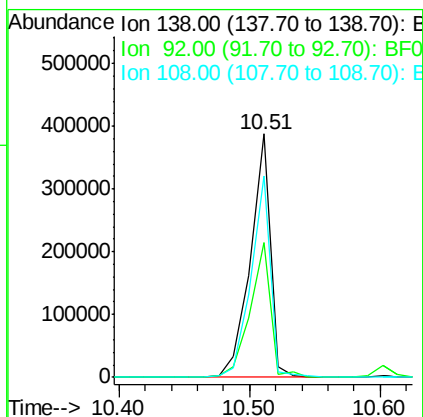
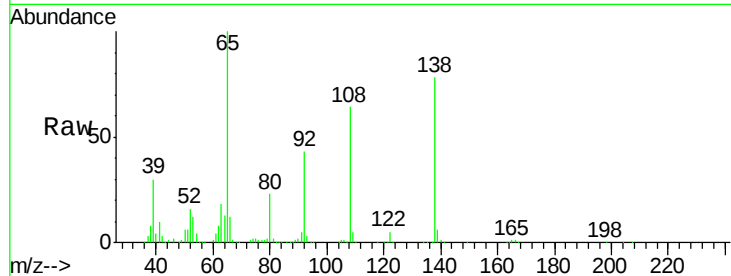




#61
4-Nitroaniline
Concen: 39.24 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

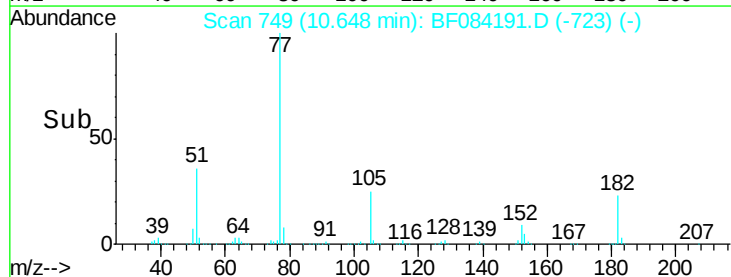
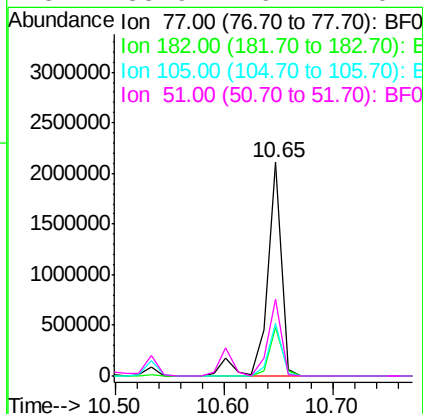
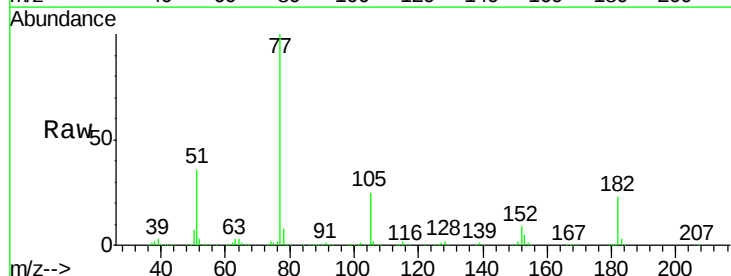
Instrument :
BNA_F
ClientSampleId :
ICVBF123115

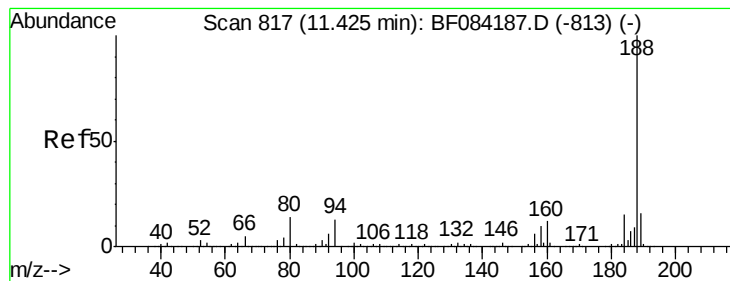
Tot Ion:138 Resp: 417220
Ion Ratio Lower Upper
138 100
92 55.5 32.6 72.6
108 82.7 68.6 108.6



#62
Azobenzene
Concen: 41.65 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion: 77 Resp: 1976761
Ion Ratio Lower Upper
77 100
182 22.8 8.3 48.3
105 24.8 4.6 44.6
51 35.9 6.2 46.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

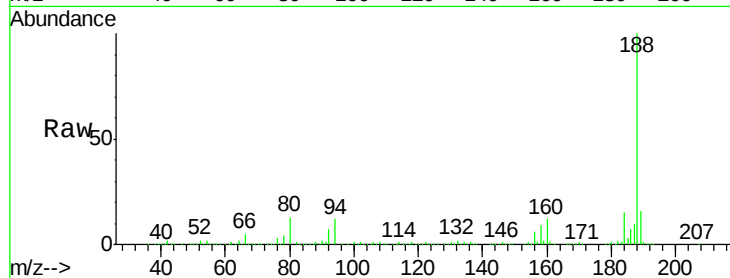
Tot Ion:188 Resp: 1082109

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.4

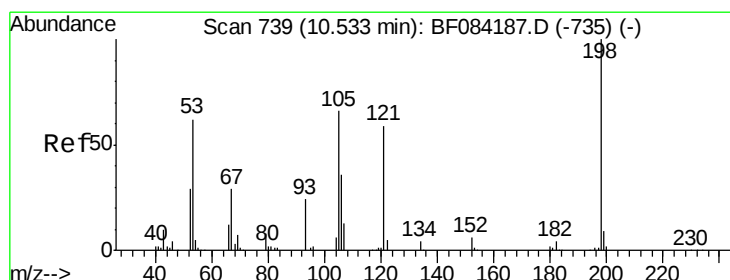
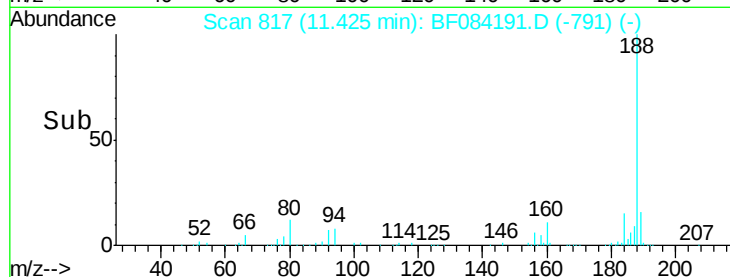
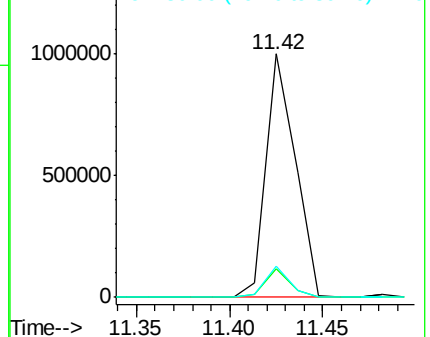
80 12.8 9.6 14.4



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: 33.79 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

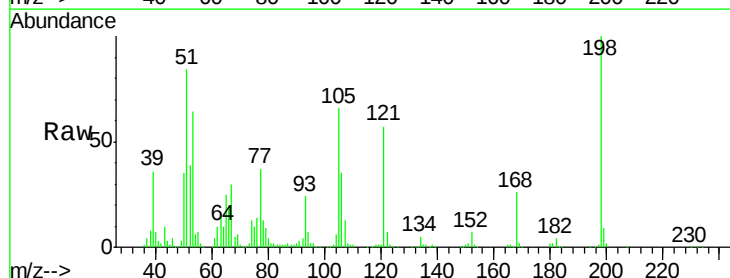
Tgt Ion:198 Resp: 222073

Ion Ratio Lower Upper

198 100

51 84.1 18.9 58.9#

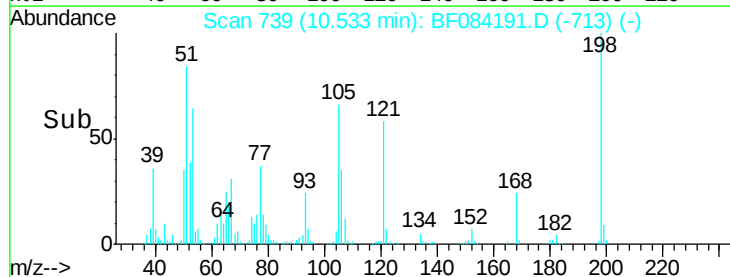
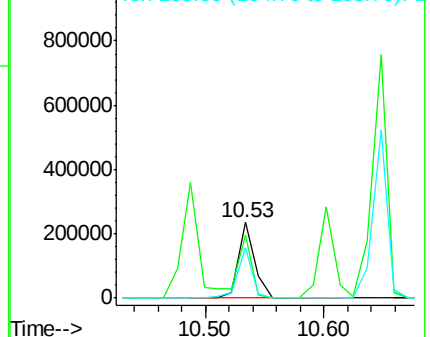
105 66.0 26.4 66.4

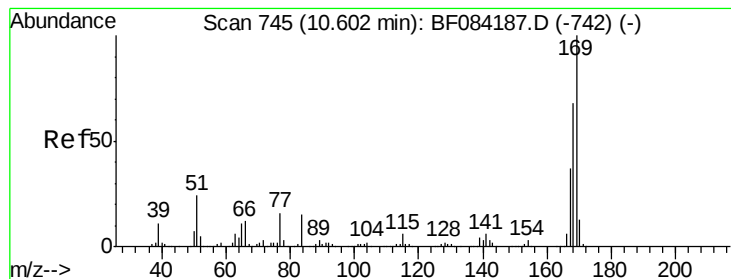


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

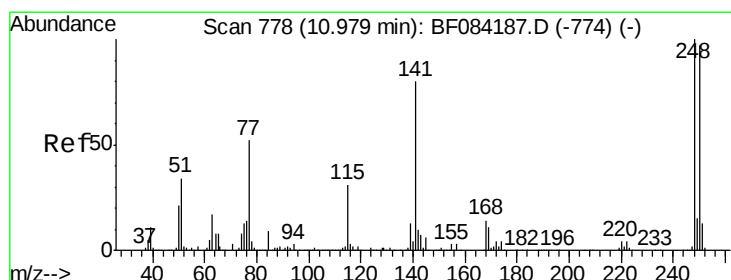
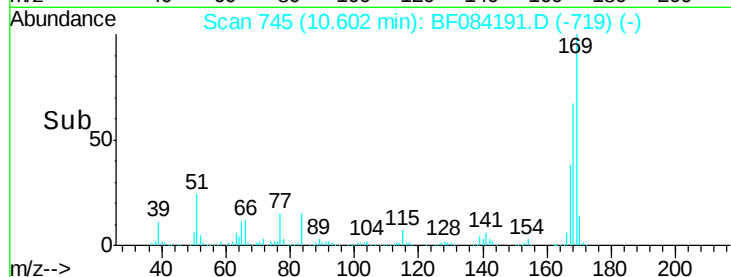
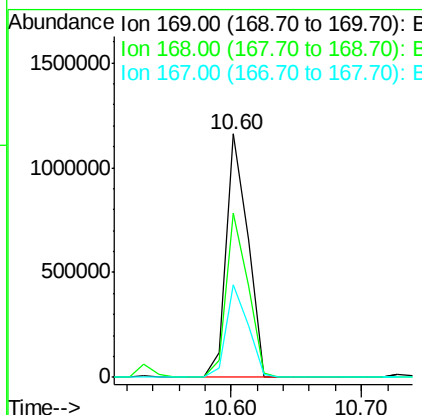
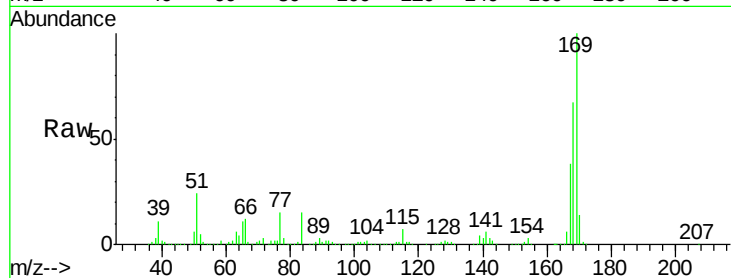




#65
 n-Nitrosodiphenylamine
 Concen: 38.54 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

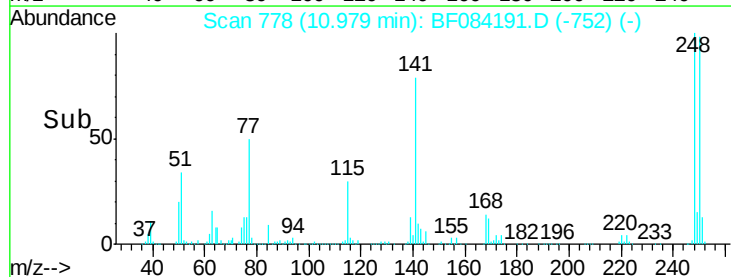
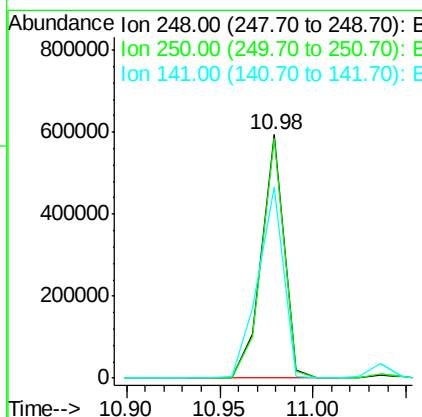
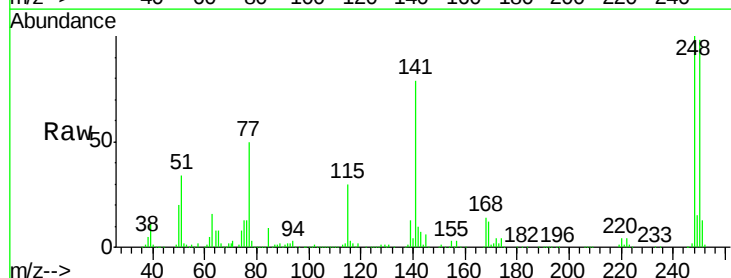
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

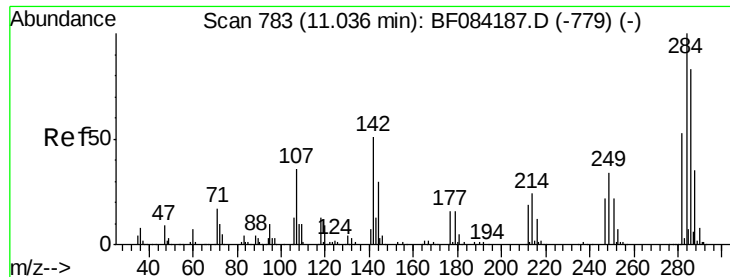
Tot Ion:169 Resp: 1333280
 Ion Ratio Lower Upper
 169 100
 168 67.4 55.1 82.7
 167 37.9 30.0 45.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.56 ng
 RT: 10.98 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:248 Resp: 495650
 Ion Ratio Lower Upper
 248 100
 250 98.4 78.4 117.6
 141 78.7 44.0 66.0#

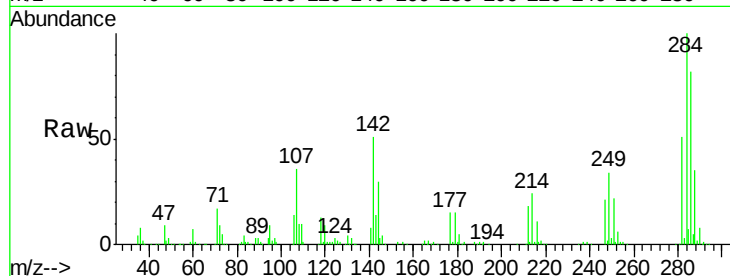




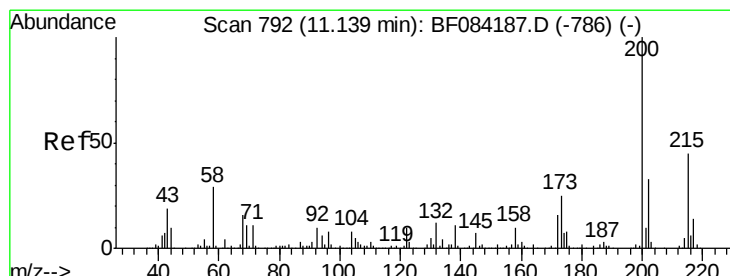
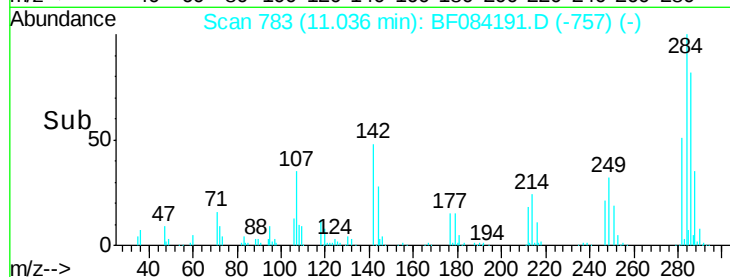
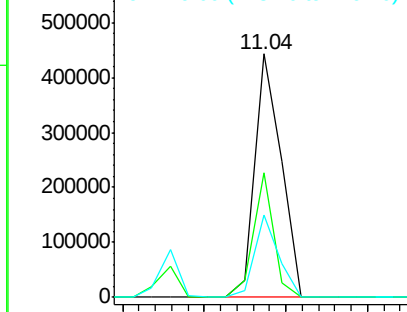
#67
Hexachlorobenzene
Concen: 37.78 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Instrument :
BNA_F
ClientSampleId :
ICVBF123115

Tot Ion:284 Resp: 495270
Ion Ratio Lower Upper
284 100
142 51.0 22.2 33.4#
249 34.0 24.6 37.0

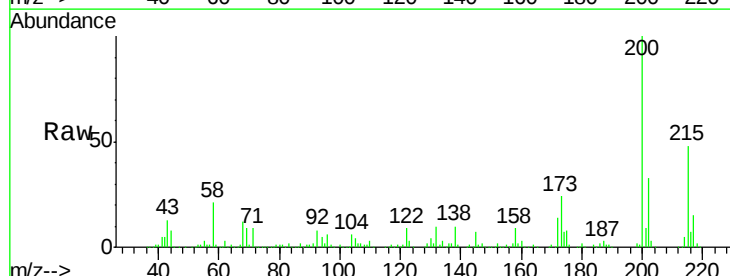


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

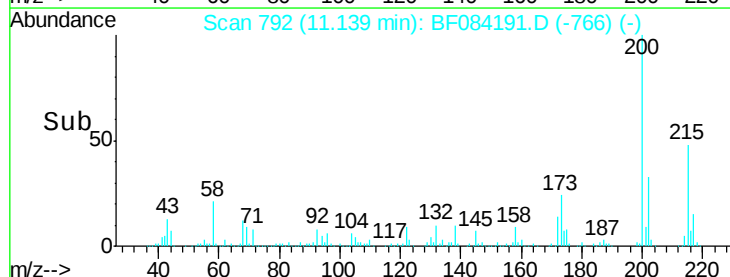
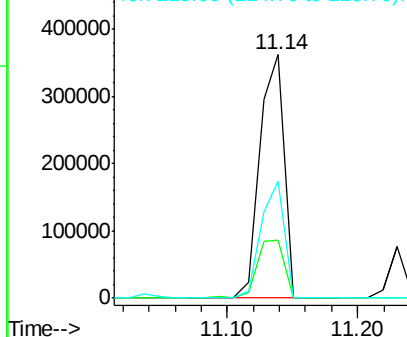


#68
Atrazine
Concen: 41.46 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:200 Resp: 469423
Ion Ratio Lower Upper
200 100
173 23.6 9.5 49.5
215 48.0 23.8 63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 44.45 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

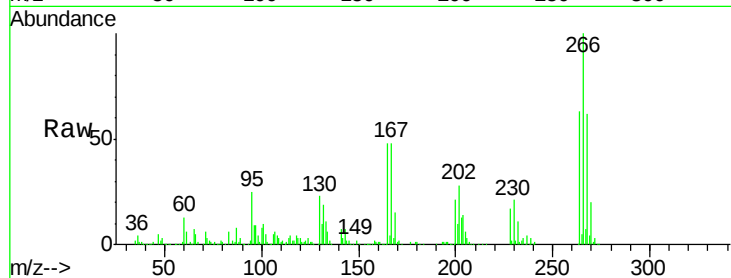
Tot Ion:266 Resp: 302122

Ion Ratio Lower Upper

266 100

268 61.5 52.4 78.6

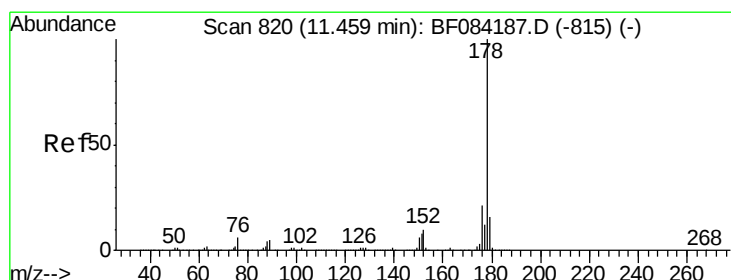
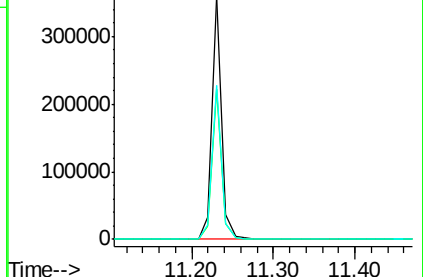
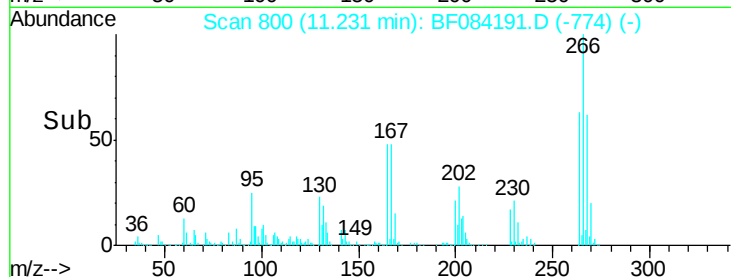
264 63.2 50.2 75.2



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: 43.25 ng

RT: 11.46 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

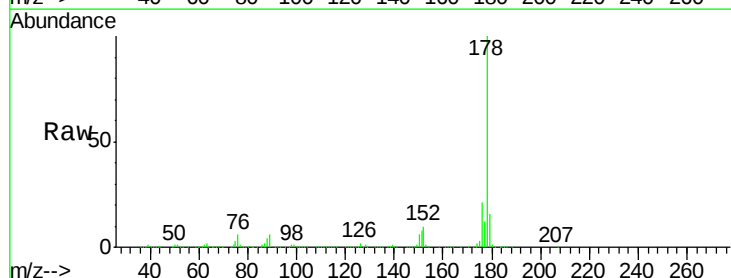
Tgt Ion:178 Resp: 2448334

Ion Ratio Lower Upper

178 100

176 20.6 15.3 22.9

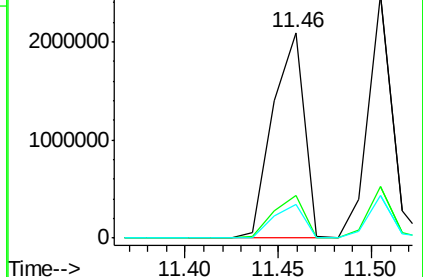
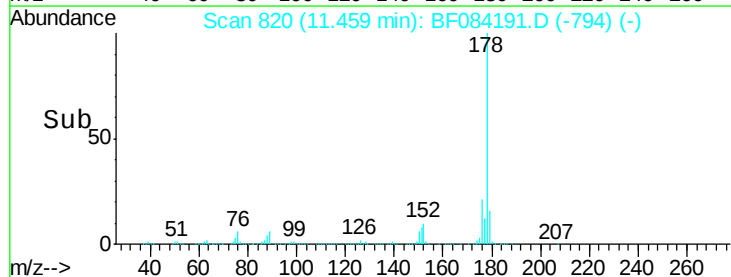
179 16.2 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.27 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

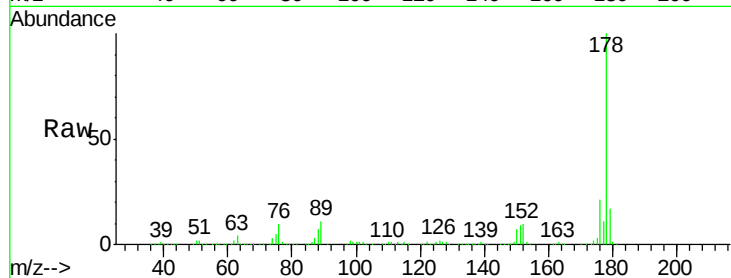
Tot Ion:178 Resp: 2178853

Ion Ratio Lower Upper

178 100

176 21.3 15.4 23.0

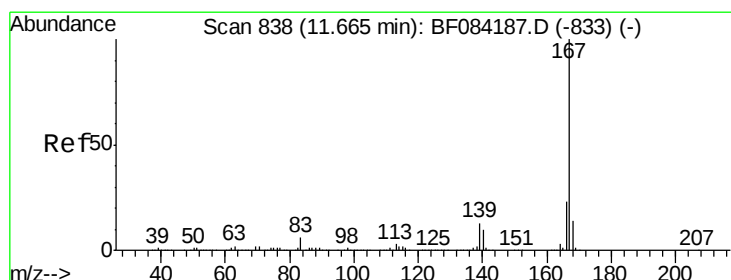
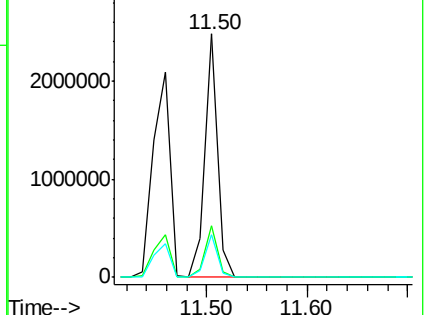
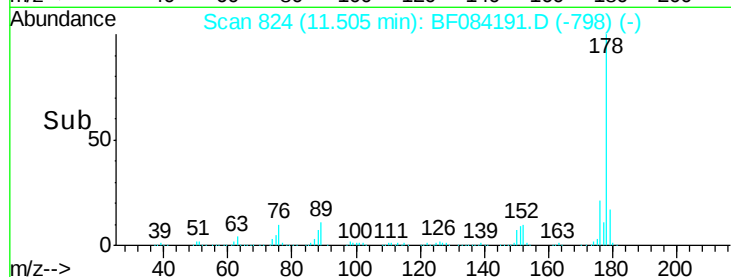
179 17.3 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.96 ng

RT: 11.65 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

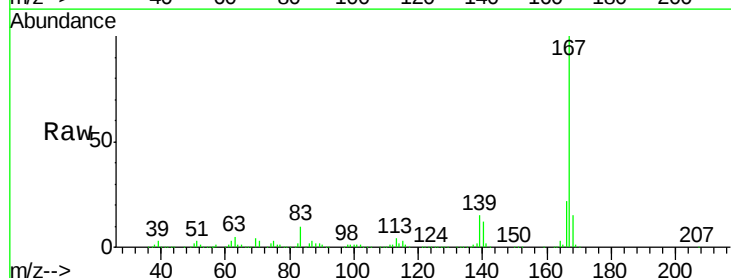
Tgt Ion:167 Resp: 2113616

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

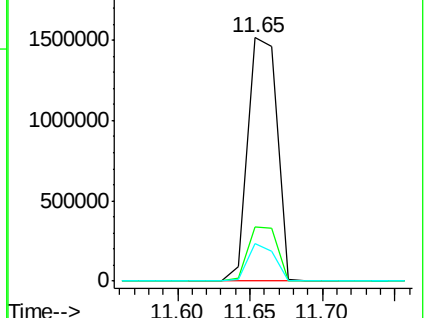
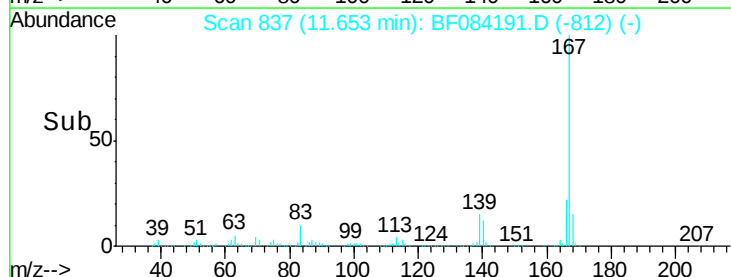
139 15.2 11.8 17.8

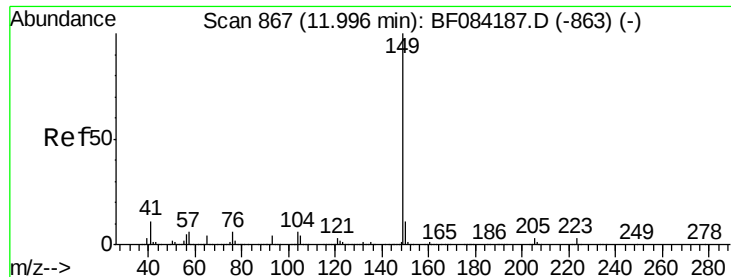


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.59 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

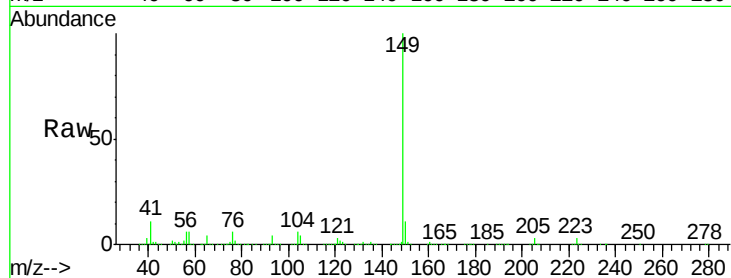
Tot Ion:149 Resp: 2400811

Ion Ratio Lower Upper

149 100

150 10.6 7.1 10.7

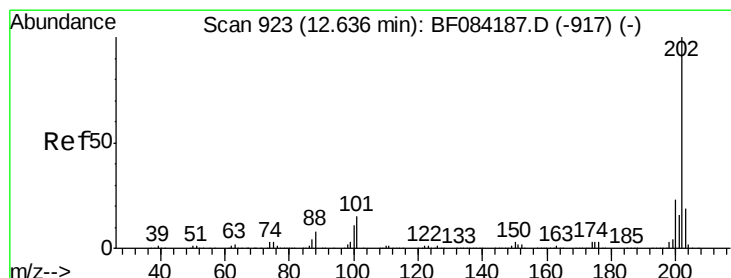
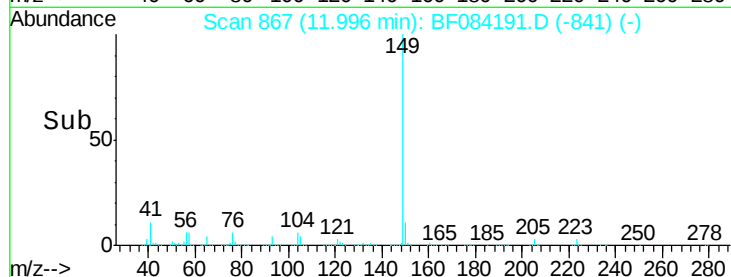
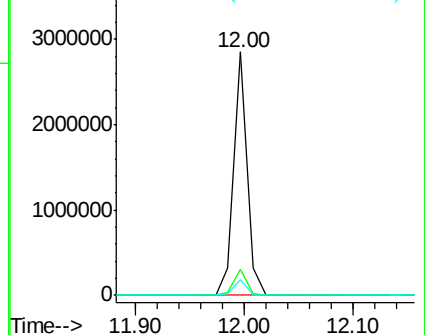
104 6.4 3.2 4.8#



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: 37.32 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

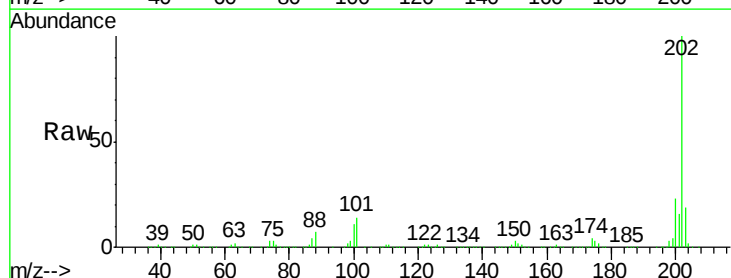
Tgt Ion:202 Resp: 2206526

Ion Ratio Lower Upper

202 100

101 14.2 0.0 32.8

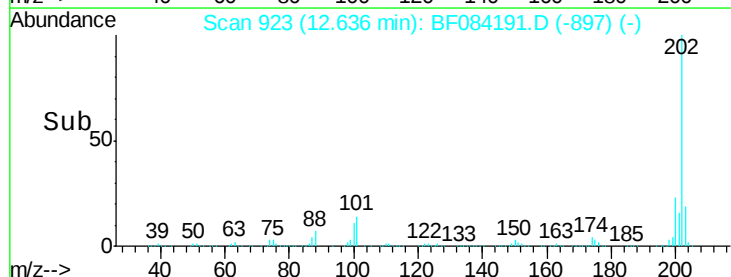
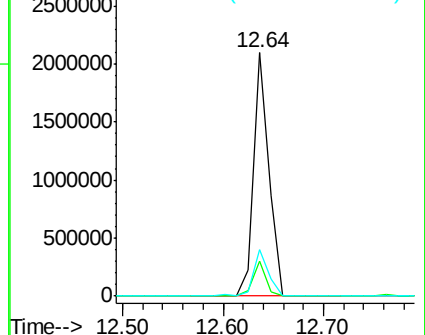
203 19.3 0.0 37.9

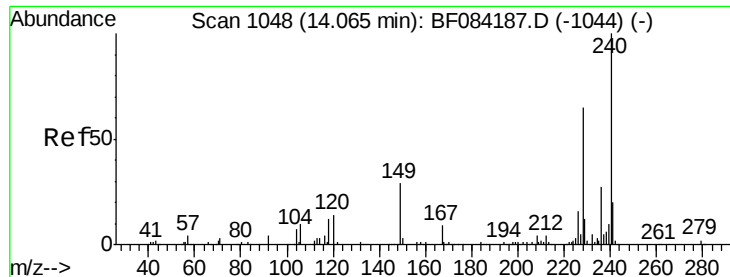


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

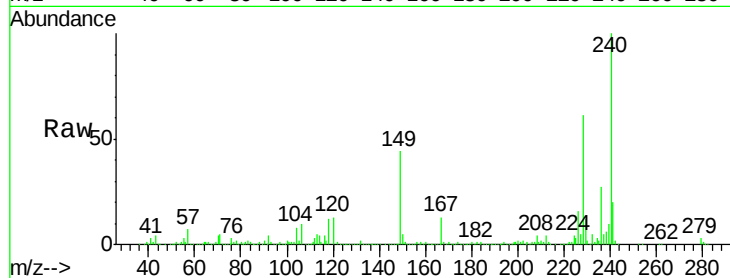
Tot Ion:240 Resp: 792683

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

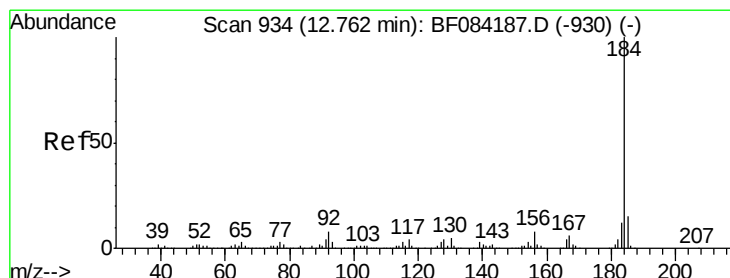
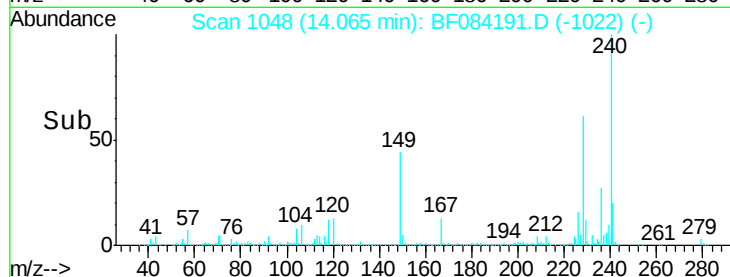
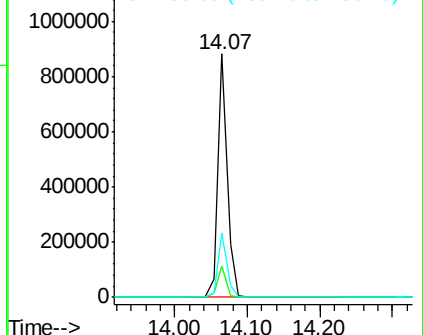
236 26.6 20.6 31.0



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: 40.07 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

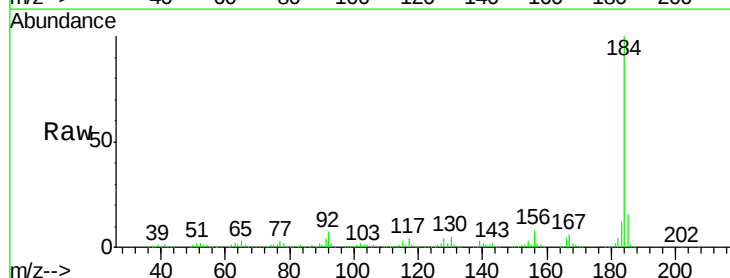
Tgt Ion:184 Resp: 1138901

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

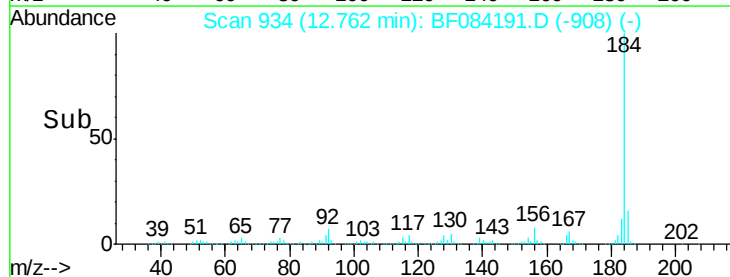
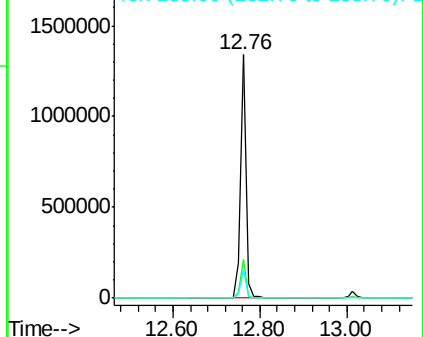
183 11.8 9.8 14.8

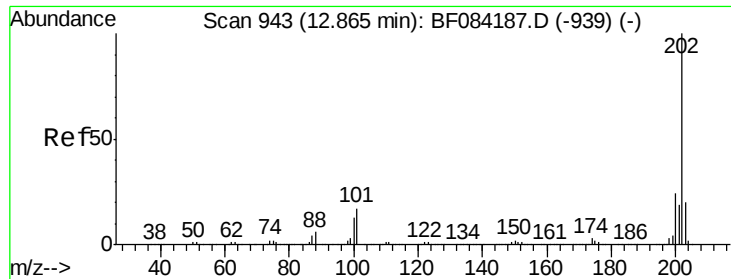


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

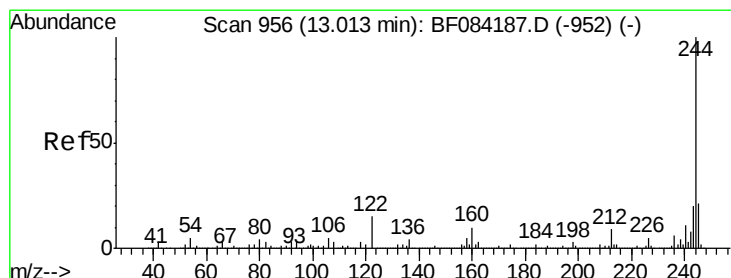
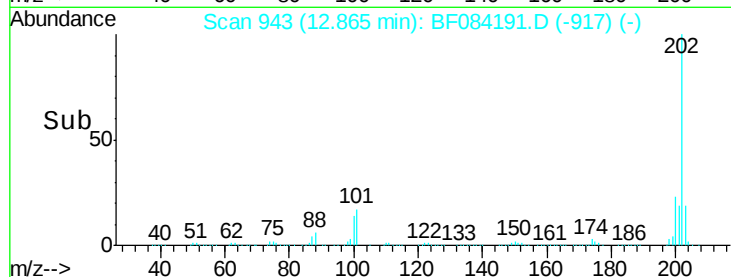
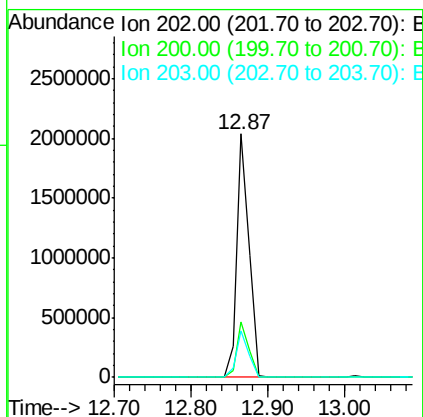
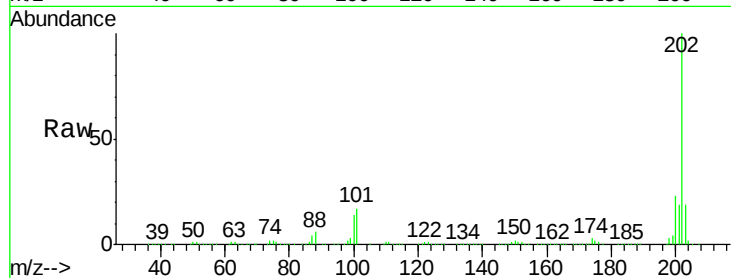




#77
Pvrene
Concen: 36.99 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

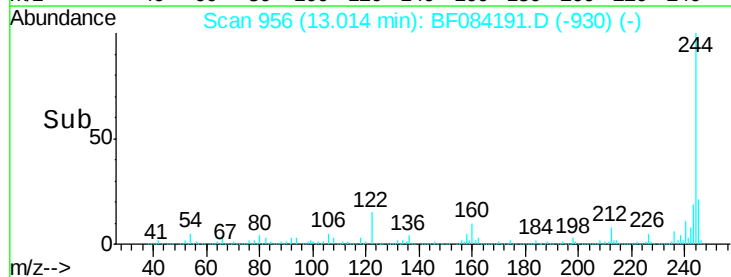
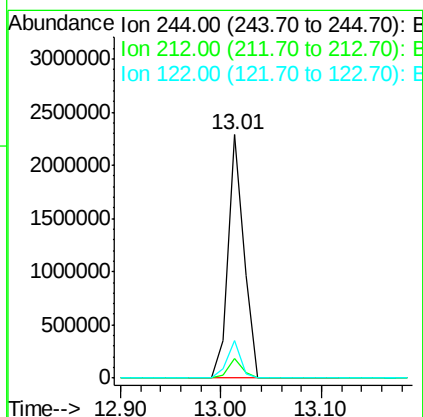
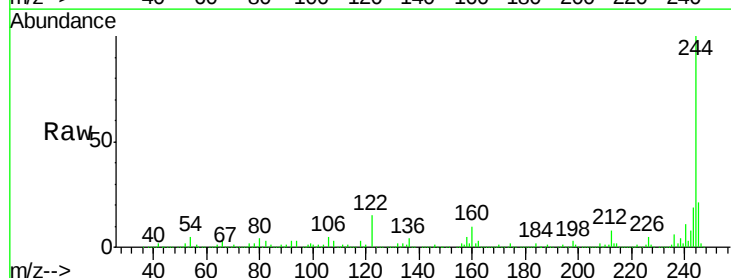
Instrument :
BNA_F
ClientSampleId :
ICVBF123115

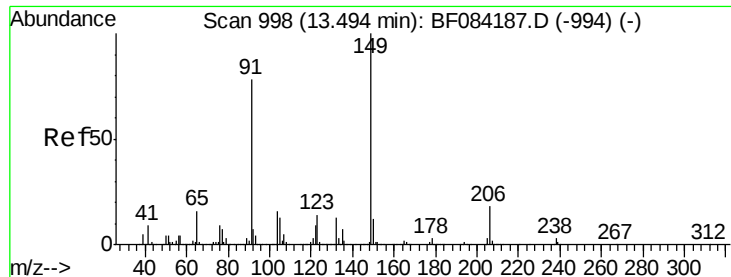
Tot Ion:202 Resp: 2300885
Ion Ratio Lower Upper
202 100
200 22.6 17.2 25.8
203 19.1 14.3 21.5



#78
Terphenyl-d14
Concen: 70.15 ng
RT: 13.01 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:244 Resp: 2491099
Ion Ratio Lower Upper
244 100
212 8.3 5.7 8.5
122 15.5 7.4 11.0#

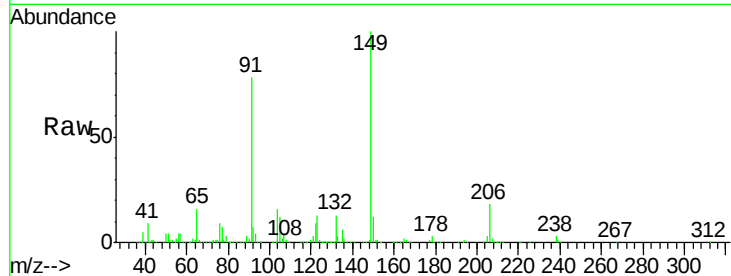




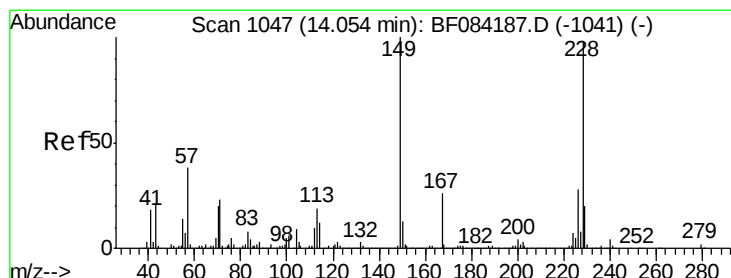
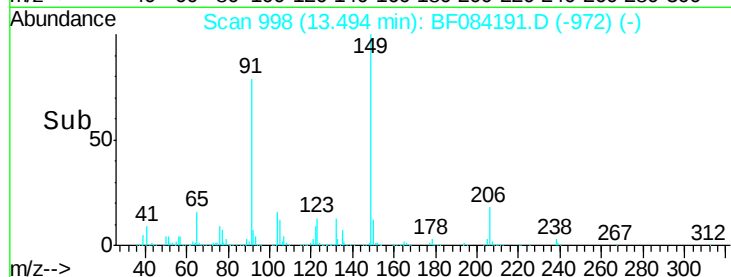
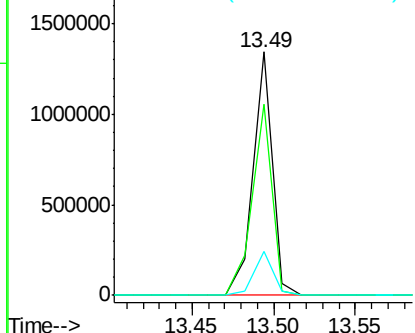
#79
Butylbenzylphthalate
Concen: 41.26 ng
RT: 13.49 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Instrument :
BNA_F
ClientSampleId :
ICVBF123115

Tot Ion:149 Resp: 1110497
Ion Ratio Lower Upper
149 100
91 78.5 57.6 86.4
206 18.0 13.2 19.8

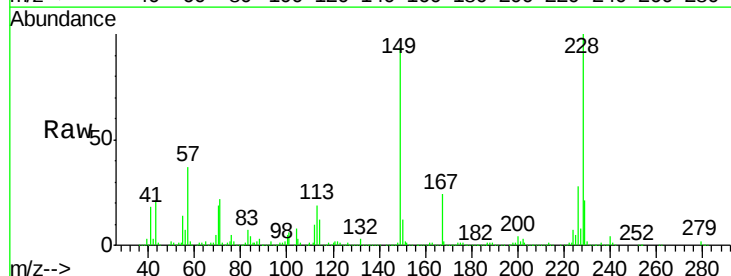


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

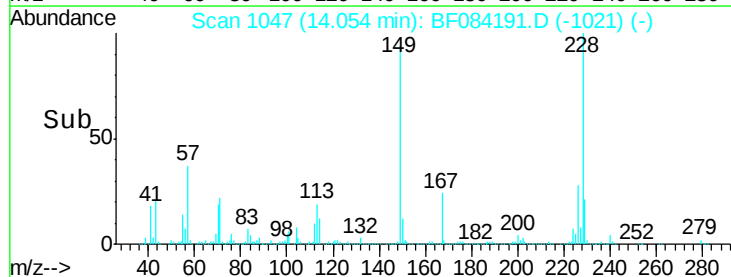
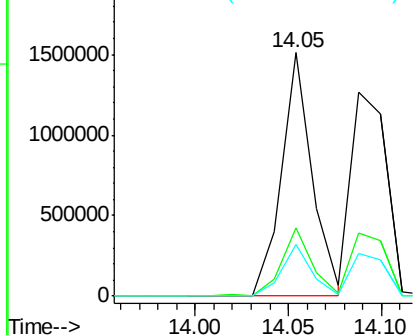


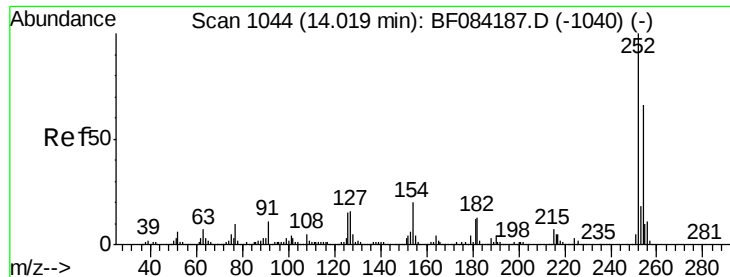
#80
Benzo(a)anthracene
Concen: 37.22 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:228 Resp: 1732260
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 21.0 15.8 23.8



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

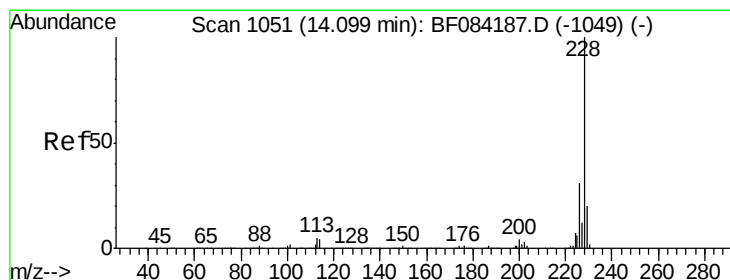
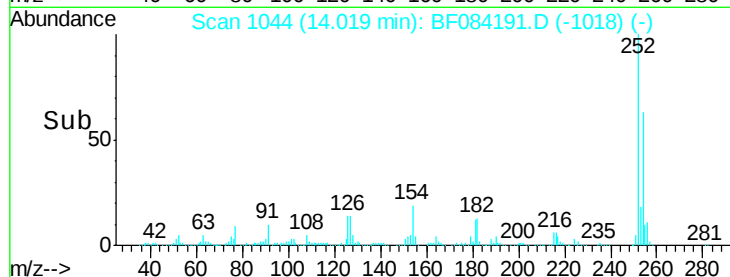
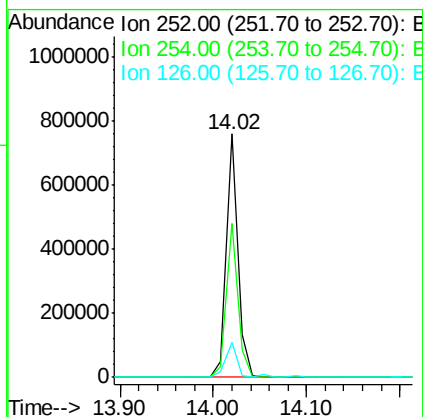
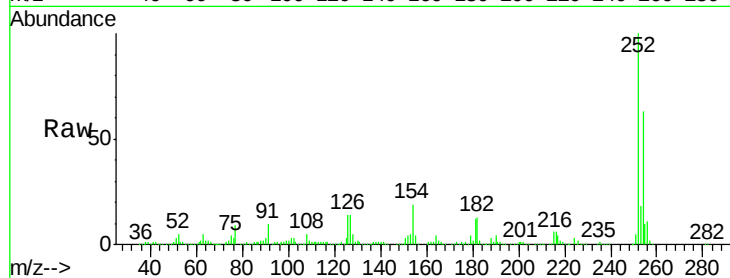




#81
 3,3'-Dichlorobenzidine
 Concen: 40.20 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

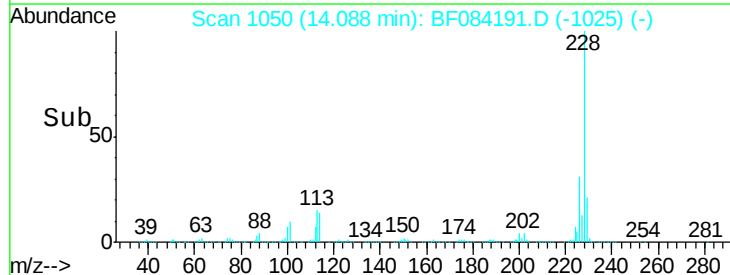
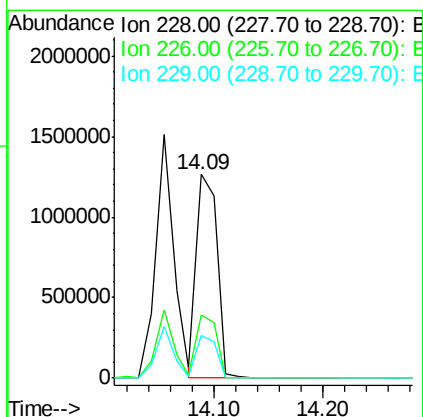
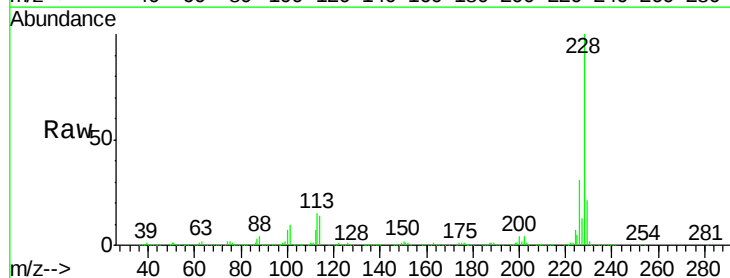
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

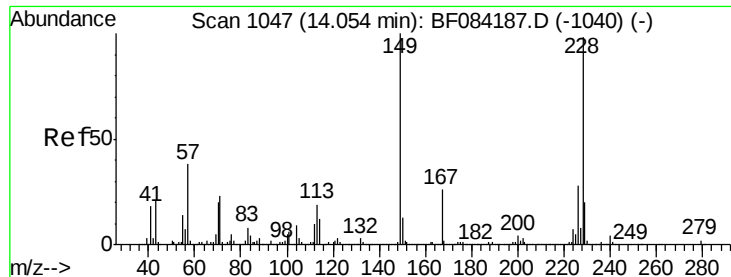
Tot Ion:252 Resp: 653092
 Ion Ratio Lower Upper
 252 100
 254 63.3 53.5 80.3
 126 14.3 4.9 7.3#



#82
 Chrysene
 Concen: 37.37 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:228 Resp: 1671311
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 20.7 16.1 24.1

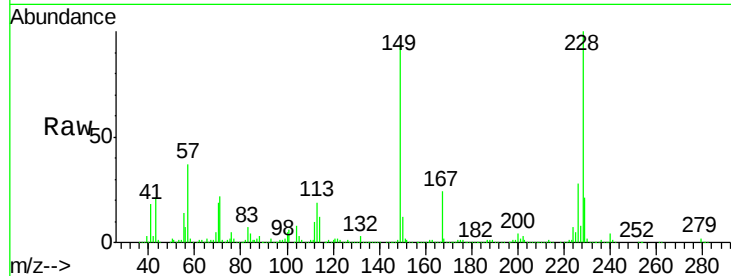




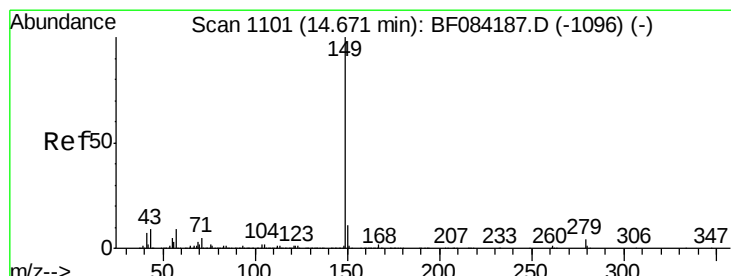
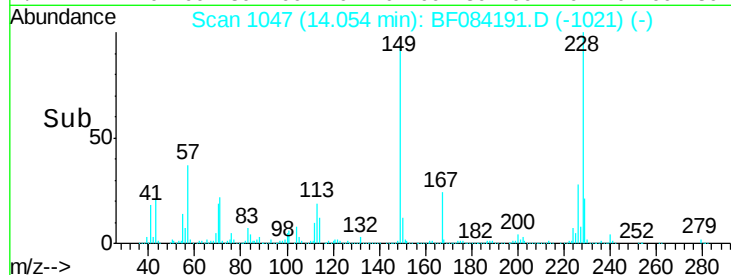
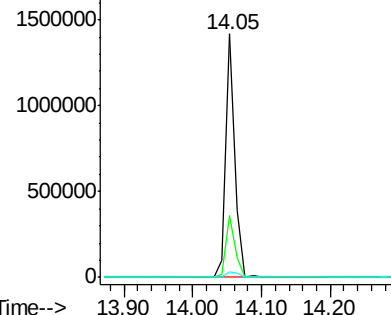
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.90 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF123115

Tot Ion:149 Resp: 1323007
 Ion Ratio Lower Upper
 149 100
 167 25.2 19.7 29.5
 279 2.3 1.8 2.6

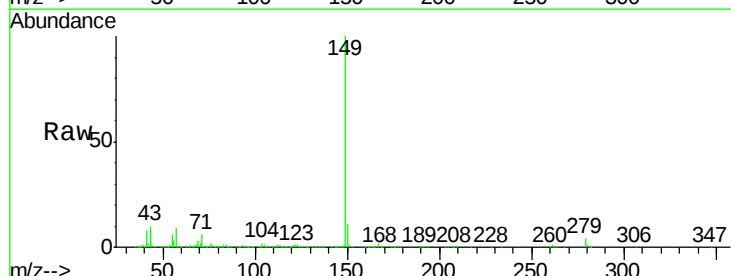


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

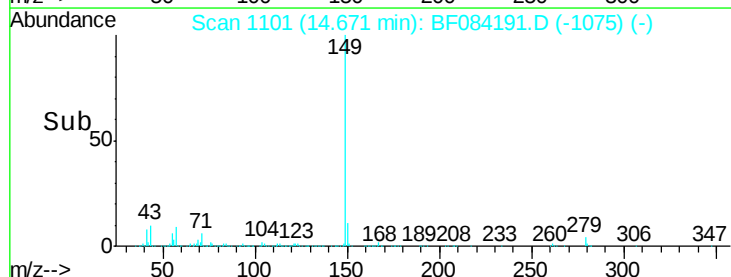
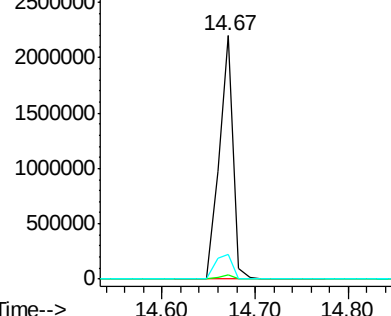


#84
 Di-n-octyl phthalate
 Concen: 39.33 ng
 RT: 14.67 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF084191.D
 Acq: 31 Dec 2015 13:33

Tgt Ion:149 Resp: 2258316
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.3 5.6 8.4#



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: 41.87 ng

RT: 16.92 min Scan# 1298

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

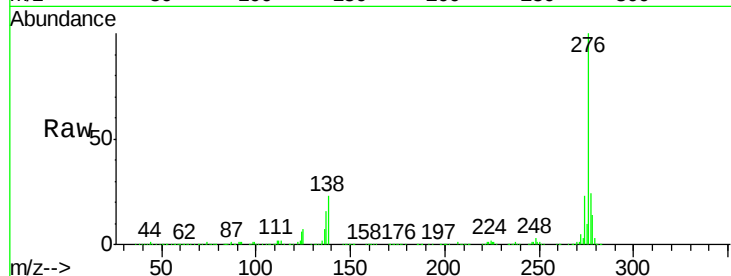
Tot Ion:276 Resp: 1484468

Ion Ratio Lower Upper

276 100

138 26.3 20.6 30.8

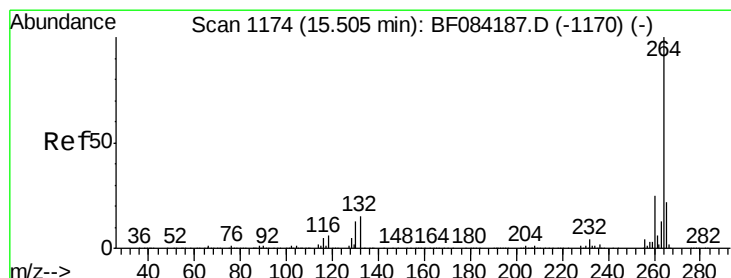
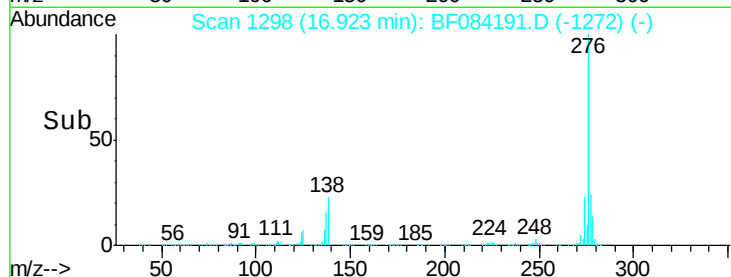
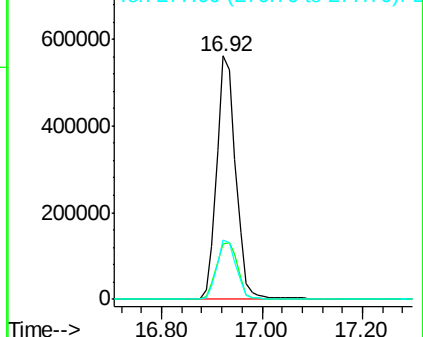
277 25.1 20.1 30.1



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: 15.51 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

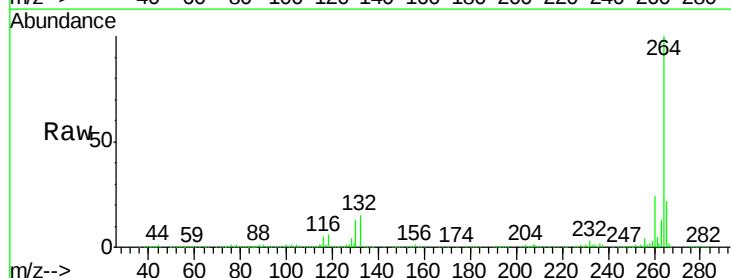
Tgt Ion:264 Resp: 619133

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

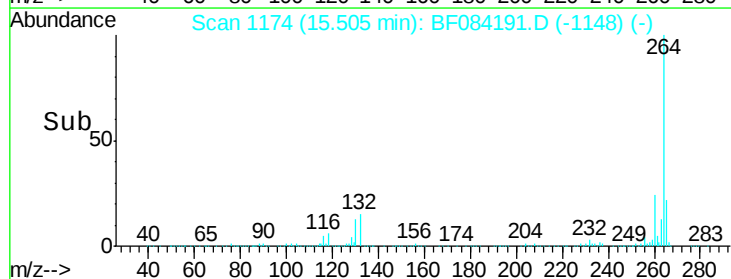
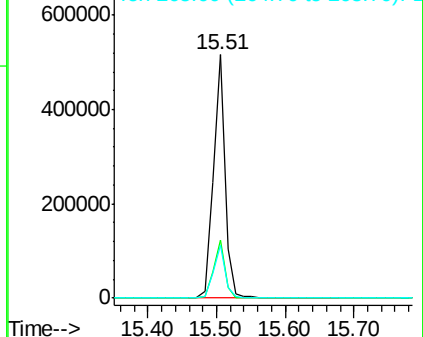
265 21.8 17.8 26.6

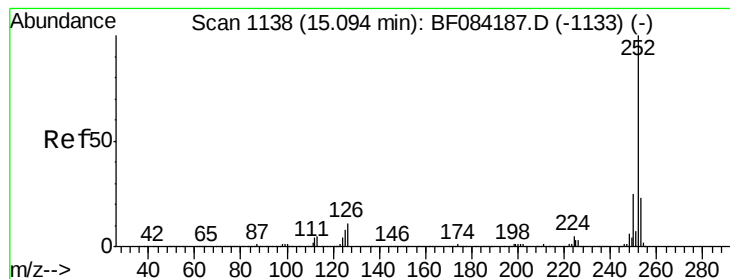


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.27 ng

RT: 15.09 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

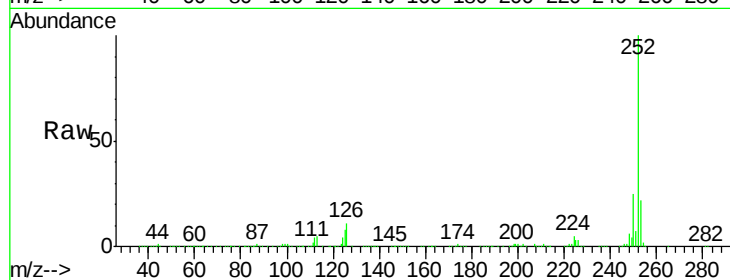
Tot Ion:252 Resp: 1631117

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

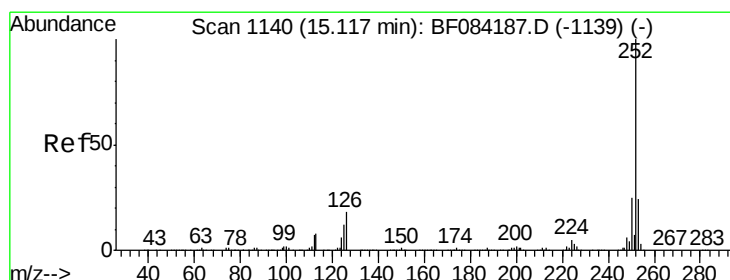
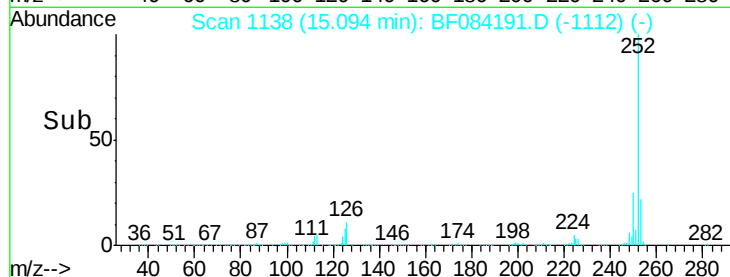
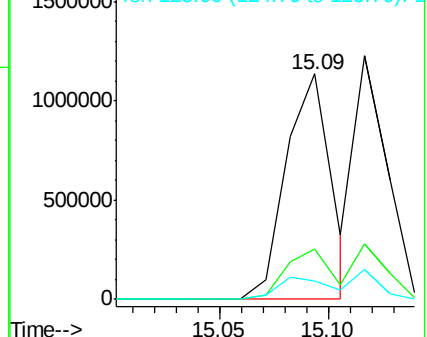
125 8.3 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 49.24 ng

RT: 15.09 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

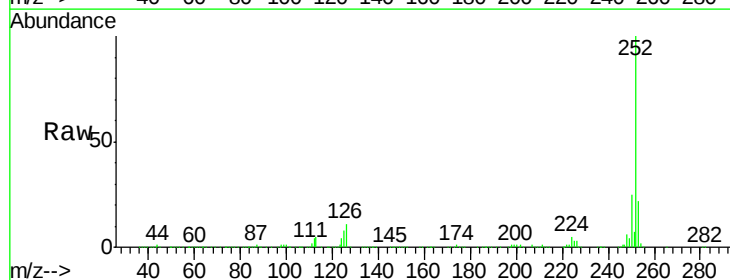
Tgt Ion:252 Resp: 1631117

Ion Ratio Lower Upper

252 100

253 22.3 18.1 27.1

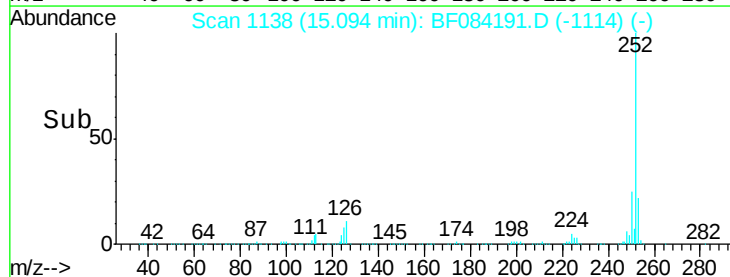
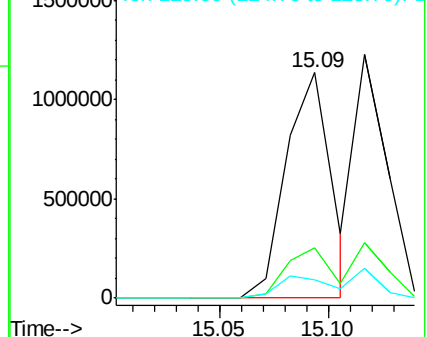
125 8.3 9.0 13.6#

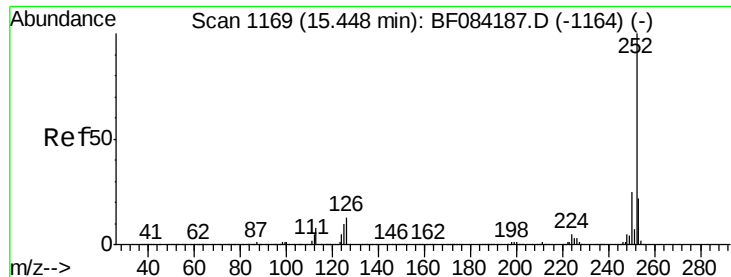


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

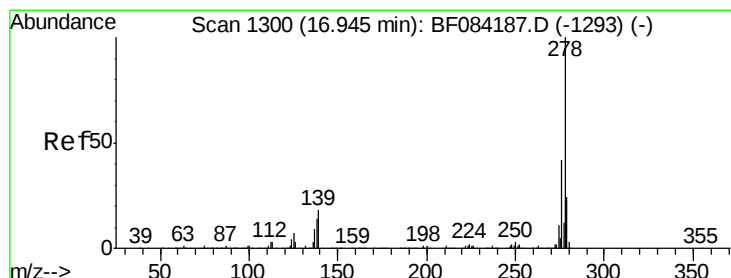
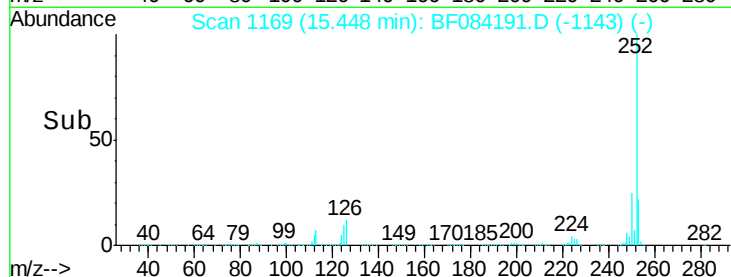
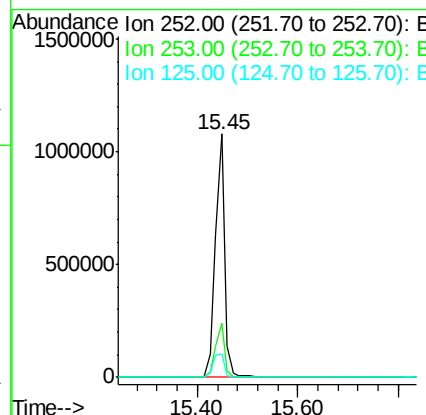
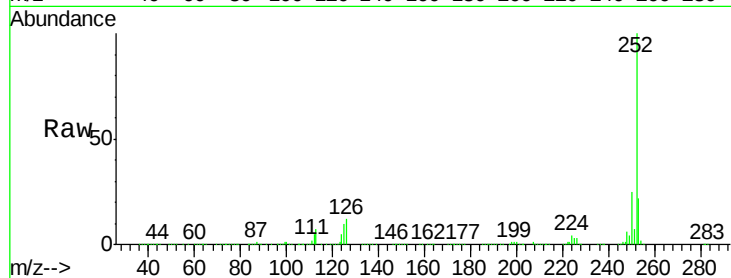




#89
Benzo(a)pyrene
Concen: 40.24 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

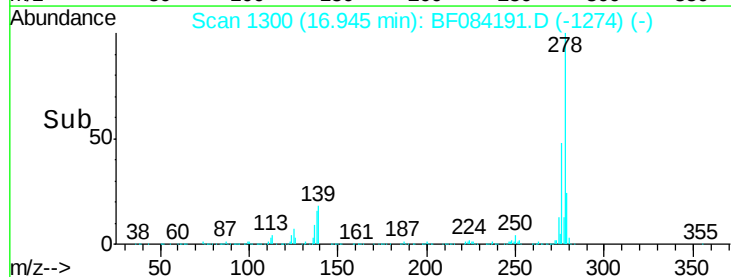
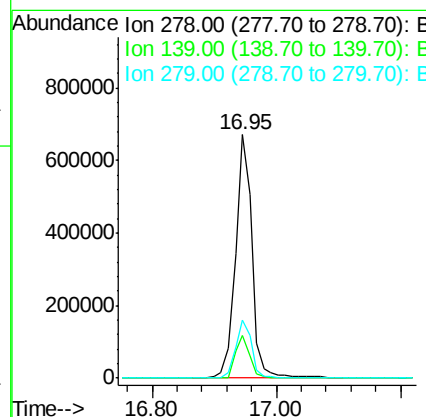
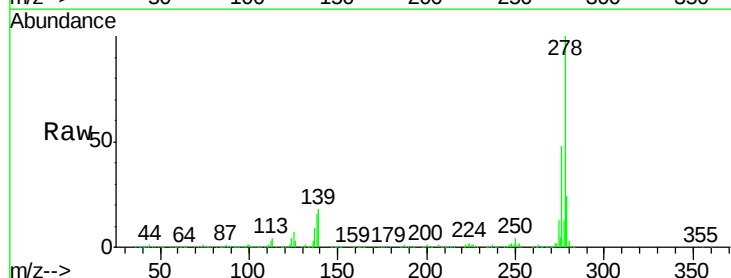
Instrument :
BNA_F
ClientSampleId :
ICVBF123115

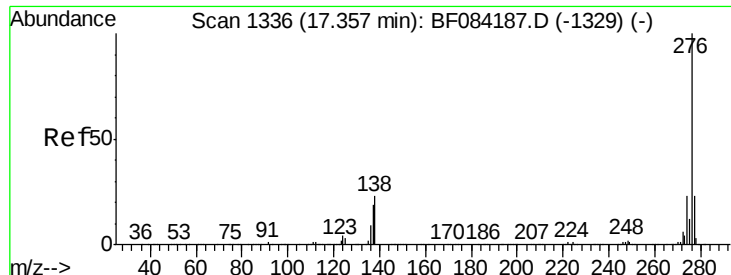
Tot Ion:252 Resp: 1382468
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.7 7.0 10.4



#90
Dibenzo(a,h)anthracene
Concen: 41.75 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF084191.D
Acq: 31 Dec 2015 13:33

Tgt Ion:278 Resp: 1234022
Ion Ratio Lower Upper
278 100
139 17.7 15.0 22.4
279 23.7 18.9 28.3





#91

Benzo(a,h,i)perylene

Concen: 41.65 ng

RT: 17.36 min Scan# 1336

Delta R.T. 0.00 min

Lab File: BF084191.D

Acq: 31 Dec 2015 13:33

Instrument :

BNA_F

ClientSampleId :

ICVBF123115

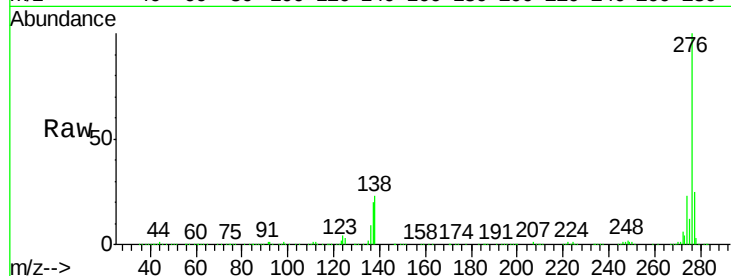
Tot Ion:276 Resp: 1275045

Ion Ratio Lower Upper

276 100

277 24.8 18.8 28.2

138 23.5 17.8 26.6



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

