

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083048.D
 Acq On : 19 Nov 2015 20:38
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Quant Time: Nov 20 06:50:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	150075	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	604640	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	289737	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	579068	20.00	ng	0.01
75) Chrysene-d12	13.86	240	488325	20.00	ng	0.00
86) Perylene-d12	15.24	264	394486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	698617	72.30	ng	0.00
7) Phenol-d6	6.36	99	1003188	78.83	ng	0.01
23) Nitrobenzene-d5	7.28	82	932863	70.63	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	220469	71.67	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1729619	80.40	ng	0.00
78) Terphenyl-d14	12.82	244	1668789	80.68	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	162381	37.06	ng	98
3) Pyridine	2.83	79	466484	39.28	ng	99
4) n-Nitrosodimethylamine	2.78	42	235845	39.26	ng	100
6) Aniline	6.36	93	666162	38.27	ng	98
8) 2-Chlorophenol	6.49	128	397085	36.85	ng	95
9) Benzaldehyde	6.25	77	256725	39.36	ng	87
10) Phenol	6.37	94	631443	42.58	ng	80
11) bis(2-Chloroethyl)ether	6.44	93	408219	37.89	ng	98
12) 1,3-Dichlorobenzene	6.65	146	489329	40.56	ng	96
13) 1,4-Dichlorobenzene	6.73	146	458639m	37.54	ng	
14) 1,2-Dichlorobenzene	6.88	146	434176	38.45	ng	98
15) Benzyl Alcohol	6.85	79	388249	37.08	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	669211	39.84	ng	96
17) 2-Methylphenol	6.98	107	333374	37.05	ng	99
18) Hexachloroethane	7.22	117	167711	37.35	ng	98
19) n-Nitroso-di-n-propylamine	7.14	70	381681	41.04	ng	91
20) 3+4-Methylphenols	7.14	107	451662	38.50	ng	97
22) Acetophenone	7.13	105	672330	39.69	ng	# 95
24) Nitrobenzene	7.30	77	541811	40.67	ng	# 84
25) Isophorone	7.54	82	922545	37.03	ng	98
26) 2-Nitrophenol	7.61	139	206151	35.38	ng	97
27) 2,4-Dimethylphenol	7.66	122	346674	36.01	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	551923	39.54	ng	99
29) 2,4-Dichlorophenol	7.86	162	334724	35.87	ng	95
30) 1,2,4-Trichlorobenzene	7.94	180	377789	36.55	ng	98
31) Naphthalene	8.02	128	1257366	39.91	ng	99
32) Benzoic acid	7.80	122	238916	40.80	ng	99
33) 4-Chloroaniline	8.08	127	512130	37.37	ng	# 85
34) Hexachlorobutadiene	8.14	225	246306	38.13	ng	98
35) Caprolactam	8.45	113	108601	36.60	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	418460	38.79	ng	90
37) 2-Methylnaphthalene	8.70	142	745245	35.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	345115	36.12	ng	99
40) Hexachlorocyclopentadiene	8.86	237	182176	40.92	ng	98

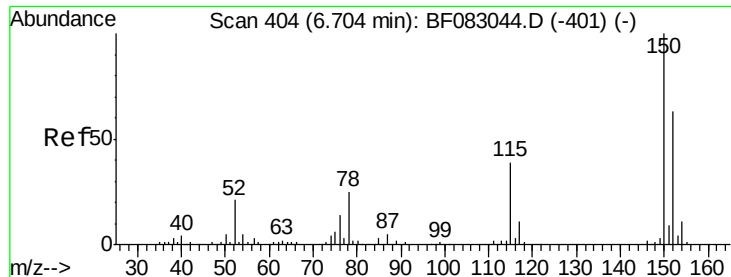
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	258642	37.31	ng	97
43) 2,4,5-Trichlorophenol	9.04	196	275158	39.81	ng #	95
45) 1,1'-Biphenyl	9.17	154	881015	34.56	ng	99
46) 2-Chloronaphthalene	9.20	162	747017	38.52	ng	98
47) 2-Nitroaniline	9.30	65	288097	39.38	ng #	53
48) Acenaphthylene	9.61	152	1129502	35.38	ng	99
49) Dimethylphthalate	9.48	163	848769	35.59	ng	100
50) 2,6-Dinitrotoluene	9.54	165	183177	35.64	ng #	73
51) Acenaphthene	9.78	154	731129	36.24	ng	99
52) 3-Nitroaniline	9.71	138	259181	44.19	ng	81
53) 2,4-Dinitrophenol	9.81	184	118453	45.22	ng #	81
54) Dibenzofuran	9.95	168	946777	35.02	ng	99
55) 4-Nitrophenol	9.88	139	160490	39.87	ng #	80
56) 2,4-Dinitrotoluene	9.94	165	242225	35.21	ng	89
57) Fluorene	10.29	166	761183	34.99	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	223055	39.92	ng	94
59) Diethylphthalate	10.18	149	850864	36.59	ng	99
60) 4-Chlorophenyl-phenylether	10.29	204	418620	41.09	ng	95
61) 4-Nitroaniline	10.32	138	226816	37.87	ng	93
62) Azobenzene	10.45	77	1065777	40.92	ng	95
64) 4,6-Dinitro-2-methylphenol	10.35	198	148127	40.12	ng #	53
65) n-Nitrosodiphenylamine	10.41	169	698055	34.40	ng	100
66) 4-Bromophenyl-phenylether	10.77	248	231581	34.53	ng	95
67) Hexachlorobenzene	10.84	284	251267	34.25	ng	96
68) Atrazine	10.94	200	242268	38.11	ng	98
69) Pentachlorophenol	11.04	266	146706	39.19	ng	97
70) Phenanthrene	11.25	178	1360127	38.93	ng	99
71) Anthracene	11.30	178	1164458	33.09	ng	100
72) Carbazole	11.46	167	1123587	36.52	ng	99
73) Di-n-butylphthalate	11.80	149	1343636	34.63	ng	100
74) Fluoranthene	12.43	202	1218910	33.48	ng	98
76) Benzidine	12.56	184	570734	35.72	ng	98
77) Pyrene	12.66	202	1200527	34.92	ng	99
79) Butylbenzylphthalate	13.29	149	574838	37.84	ng	97
80) Benzo(a)anthracene	13.85	228	1209177	38.96	ng	100
81) 3,3'-Dichlorobenzidine	13.81	252	357715	34.24	ng	98
82) Chrysene	13.88	228	967977	34.02	ng	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	743030	37.41	ng	99
84) Di-n-octyl phthalate	14.47	149	1257966	38.87	ng	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	899638	38.86	ng	100
87) Benzo(b)fluoranthene	14.85	252	1184230m	42.93	ng	
88) Benzo(k)fluoranthene	14.89	252	661316m	31.47	ng	
89) Benzo(a)pyrene	15.19	252	814173	36.78	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	747058	38.78	ng	97
91) Benzo(g,h,i)perylene	16.93	276	730918	38.90	ng	97

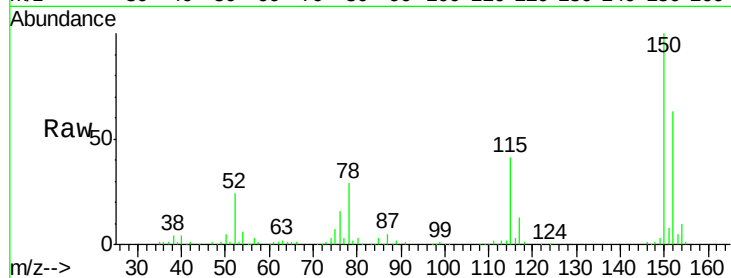
(#) = qualifier out of range (m) = manual integration (+) = signals summed



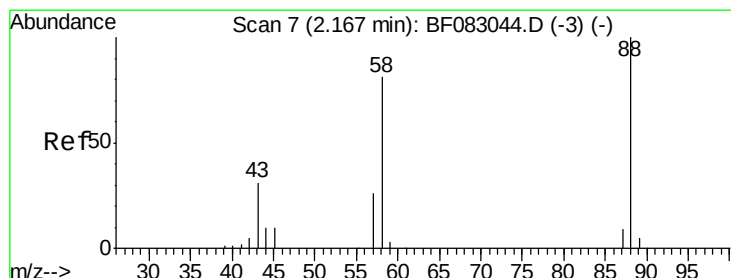
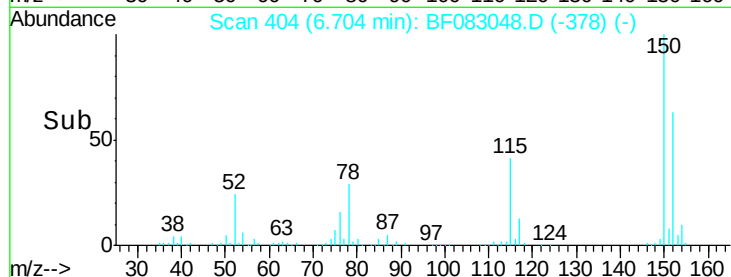
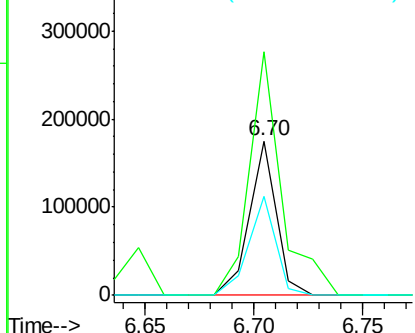
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:152 Resp: 150075
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.4 189.6
 115 64.0 49.0 73.6

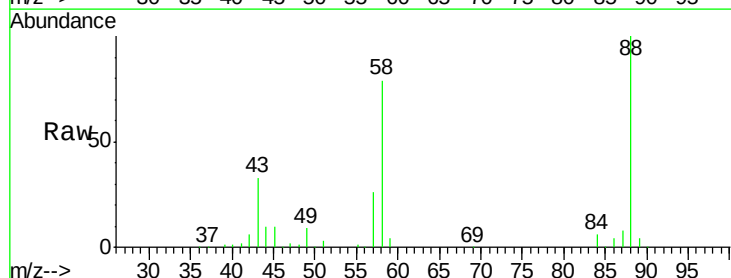


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

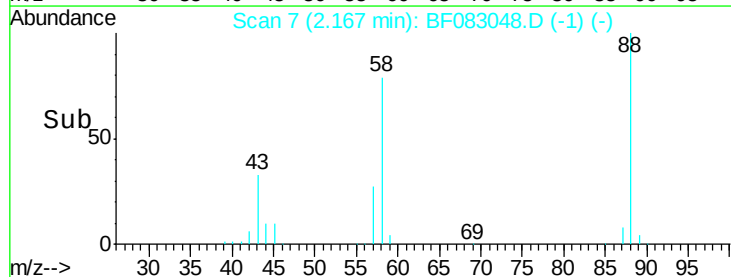
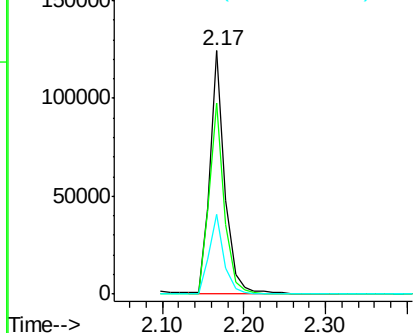


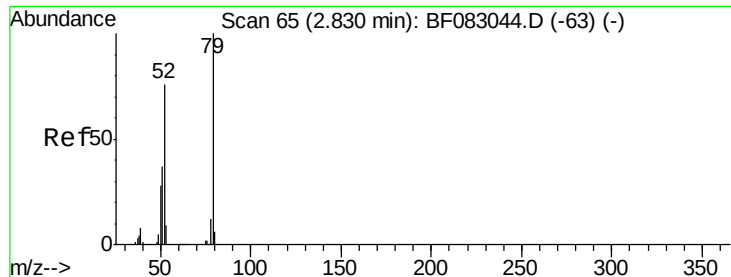
#2
 1,4-Dioxane
 Concen: 37.06 ng
 RT: 2.17 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion: 88 Resp: 162381
 Ion Ratio Lower Upper
 88 100
 58 78.5 64.8 97.2
 43 31.9 26.2 39.4



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

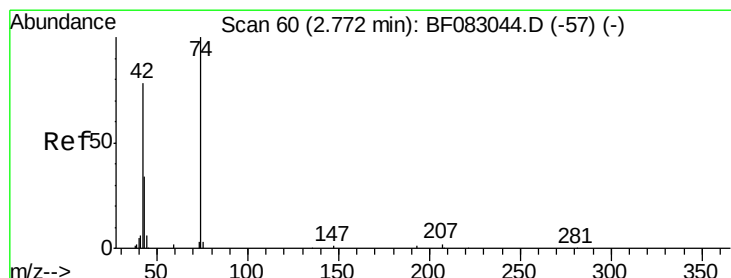
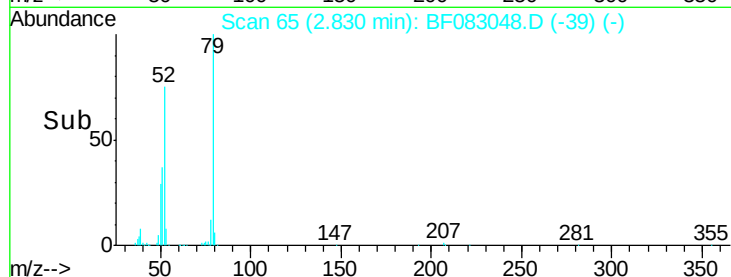
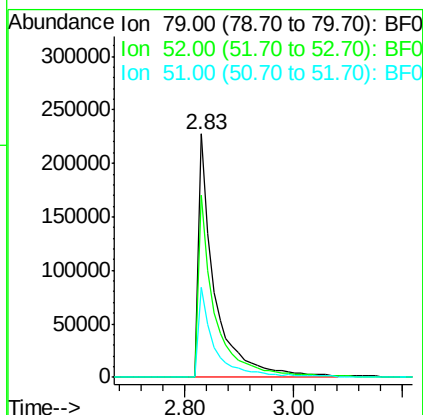
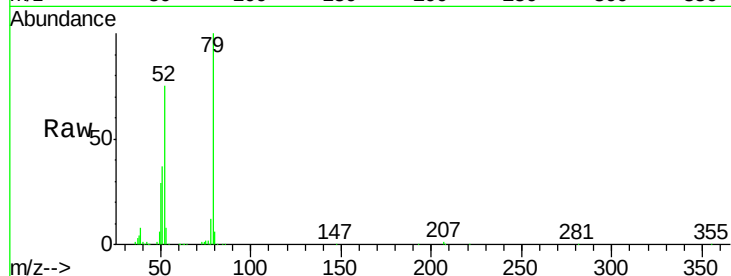




#3
 Pyridine
 Concen: 39.28 ng
 RT: 2.83 min Scan# 65
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

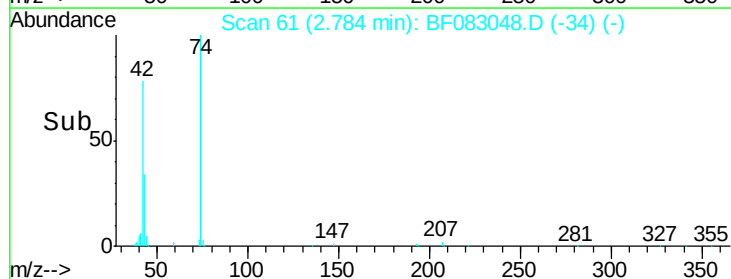
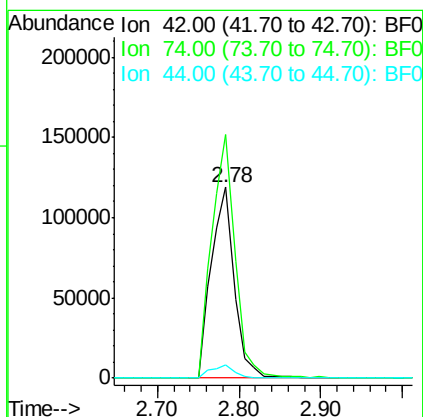
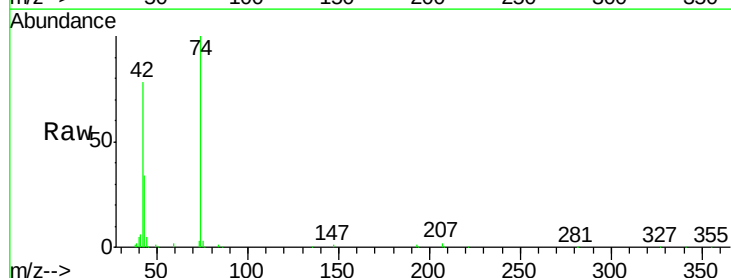
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

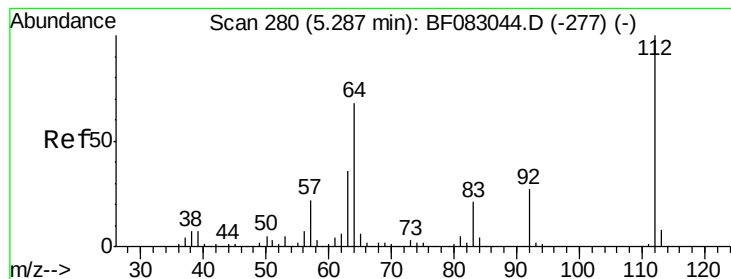
Tgt Ion: 79 Resp: 466484
 Ion Ratio Lower Upper
 79 100
 52 74.6 61.0 91.4
 51 37.2 30.0 45.0



#4
 n-Nitrosodimethylamine
 Concen: 39.26 ng
 RT: 2.78 min Scan# 61
 Delta R.T. 0.01 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion: 42 Resp: 235845
 Ion Ratio Lower Upper
 42 100
 74 127.7 102.4 153.6
 44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 72.30 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

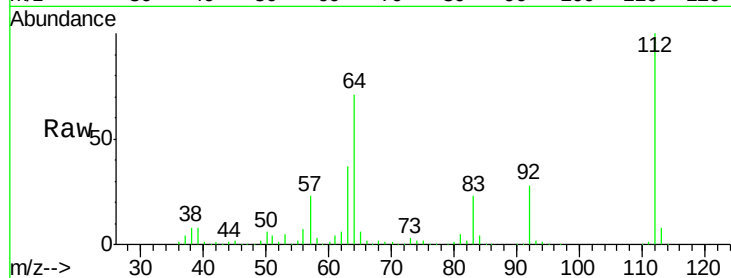
Tgt Ion: 112 Resp: 698617

Ion Ratio Lower Upper

112 100

64 71.2 54.8 82.2

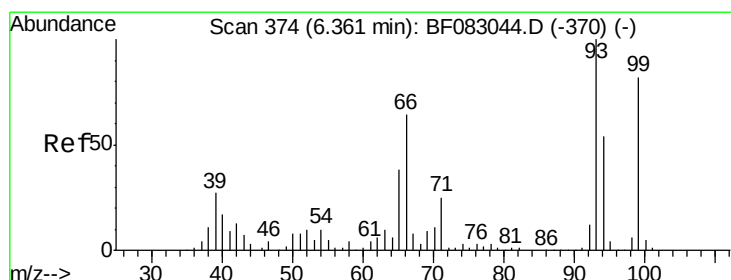
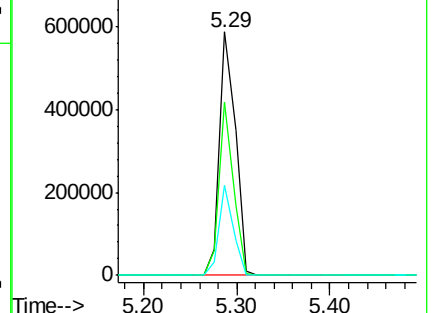
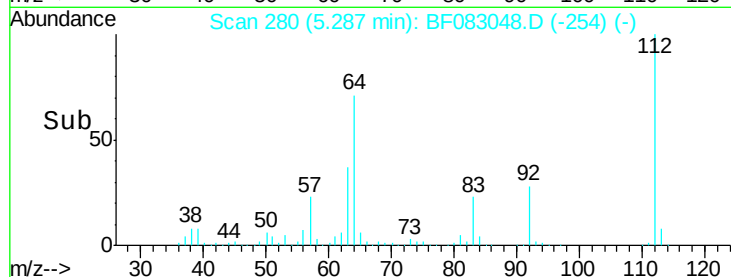
63 36.9 29.0 43.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.27 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

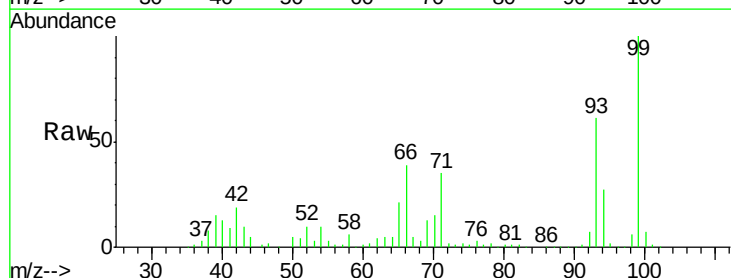
Tgt Ion: 93 Resp: 666162

Ion Ratio Lower Upper

93 100

66 64.4 51.4 77.2

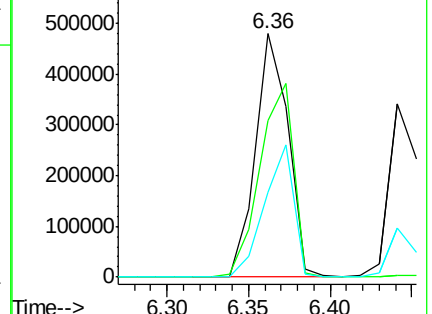
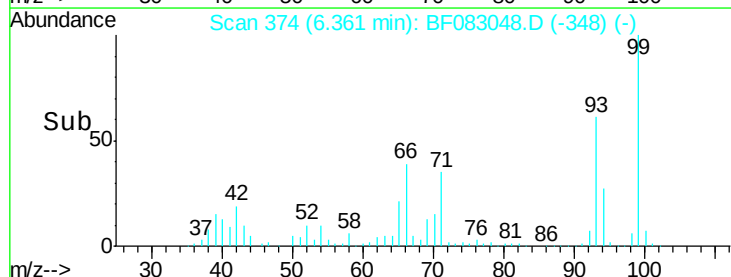
65 34.8 30.7 46.1

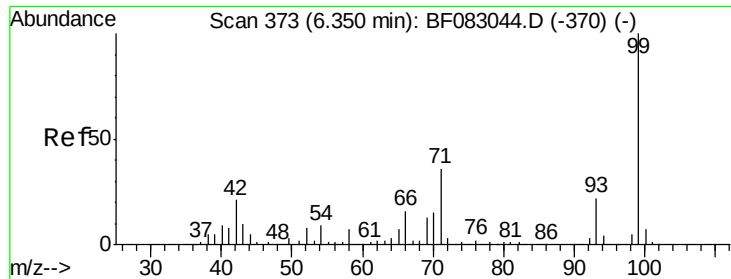


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 78.83 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

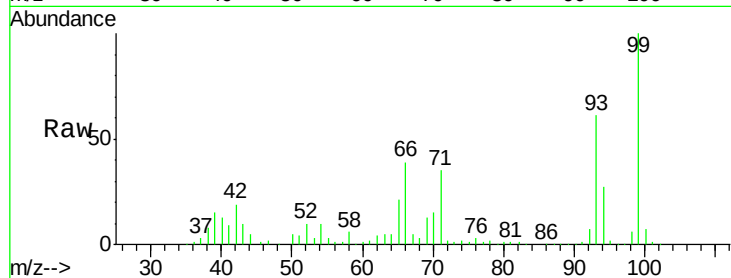
Tgt Ion: 99 Resp: 1003188

Ion Ratio Lower Upper

99 100

42 18.8 16.6 25.0

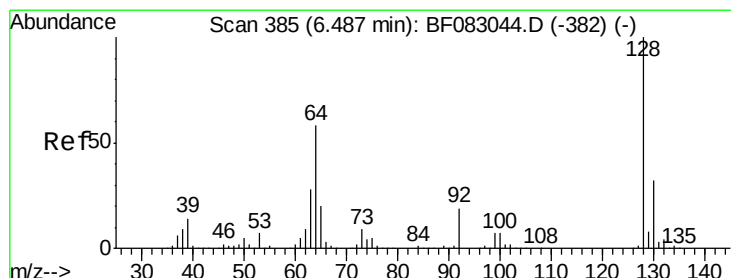
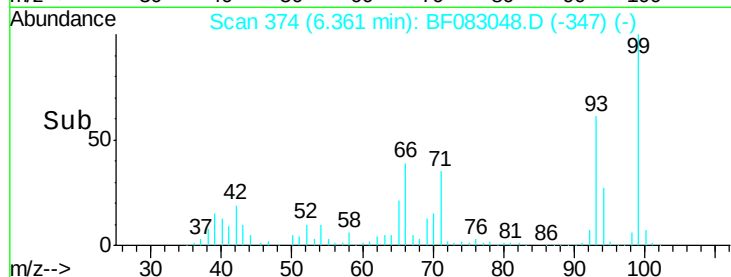
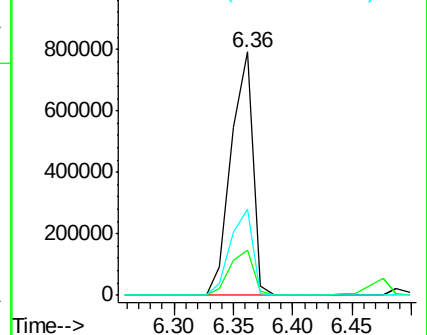
71 35.3 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 36.85 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

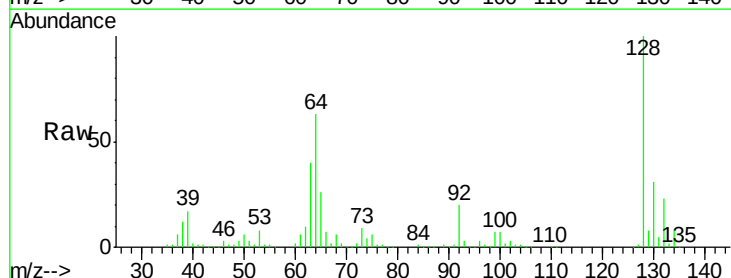
Tgt Ion: 128 Resp: 397085

Ion Ratio Lower Upper

128 100

130 31.5 12.3 52.3

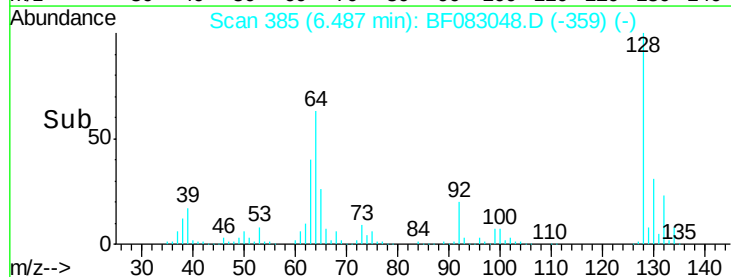
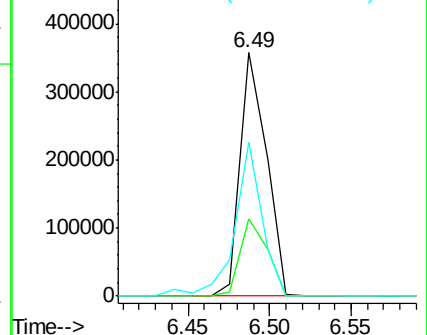
64 63.4 38.3 78.3

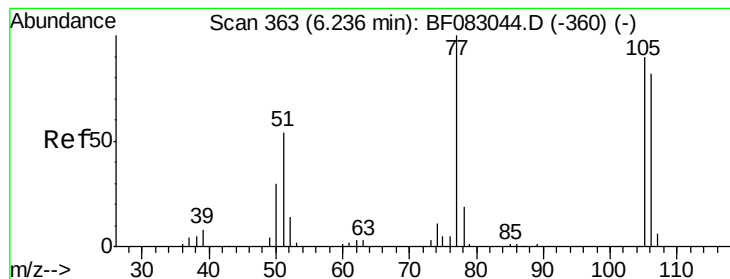


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.36 ng

RT: 6.25 min Scan# 364

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

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ICVBF111915

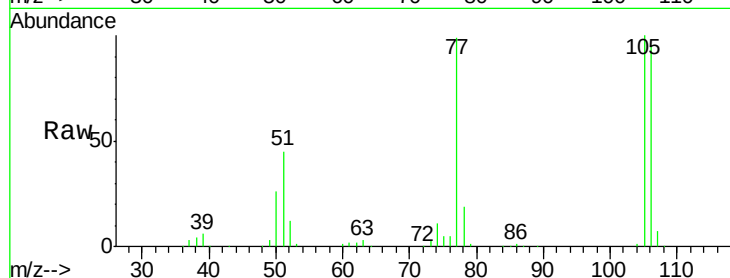
Tgt Ion: 77 Resp: 256725

Ion Ratio Lower Upper

77 100

105 100.7 69.6 109.6

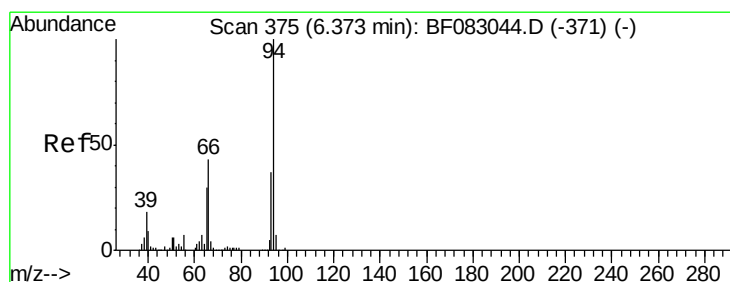
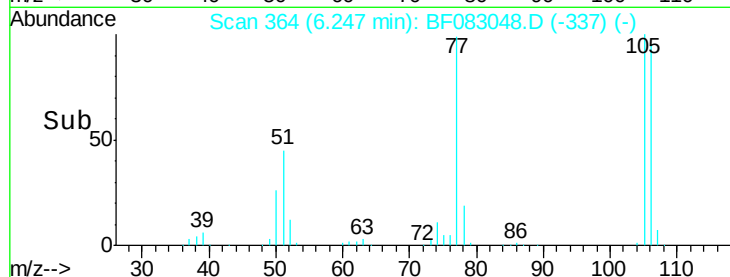
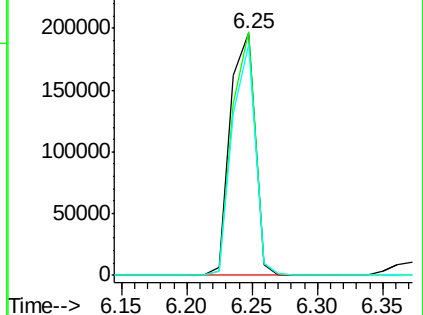
106 95.6 62.0 102.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 42.58 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

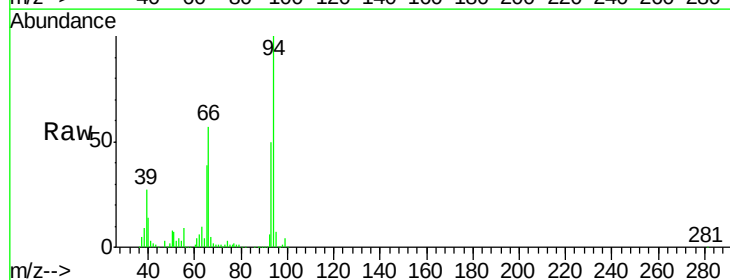
Tgt Ion: 94 Resp: 631443

Ion Ratio Lower Upper

94 100

65 38.9 10.1 50.1

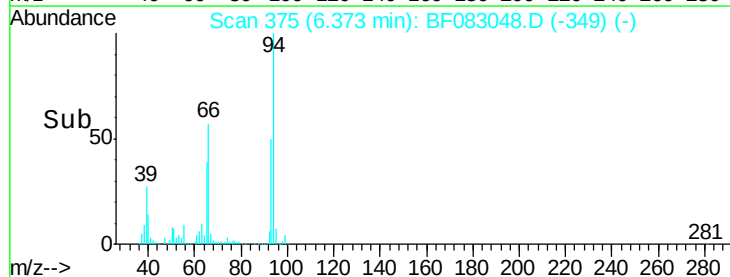
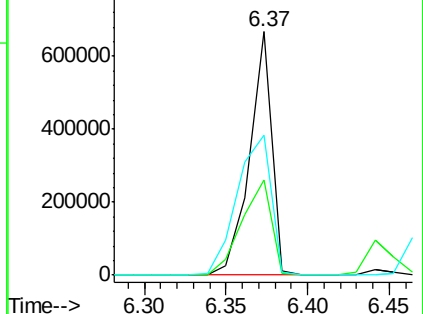
66 57.4 23.2 63.2

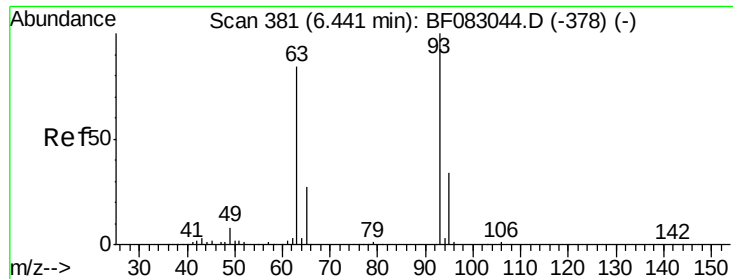


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.89 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

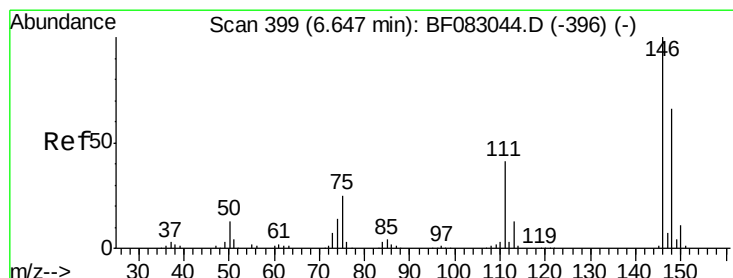
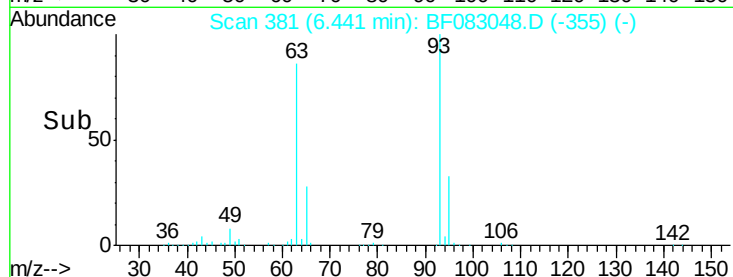
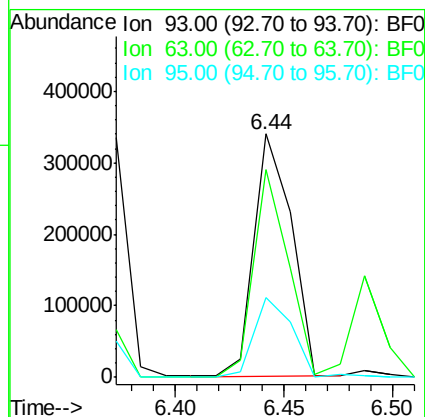
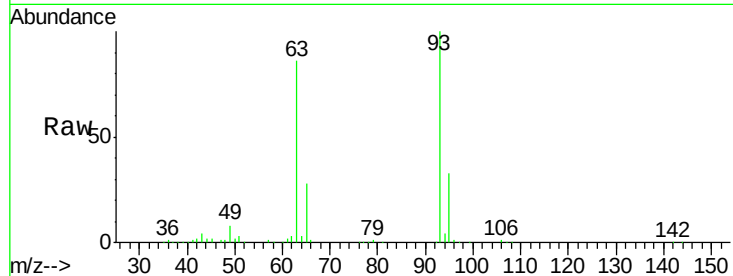
Tgt Ion: 93 Resp: 408219

Ion Ratio Lower Upper

93 100

63 85.5 63.6 103.6

95 32.6 13.8 53.8



#12

1,3-Dichlorobenzene

Concen: 40.56 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

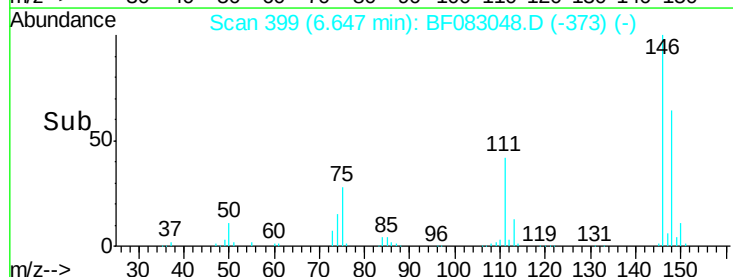
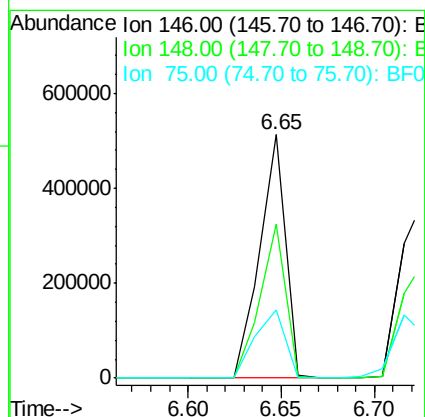
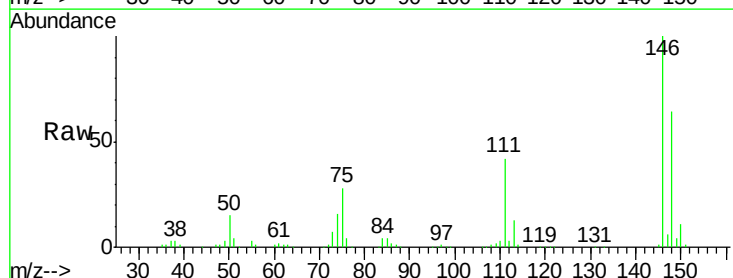
Tgt Ion: 146 Resp: 489329

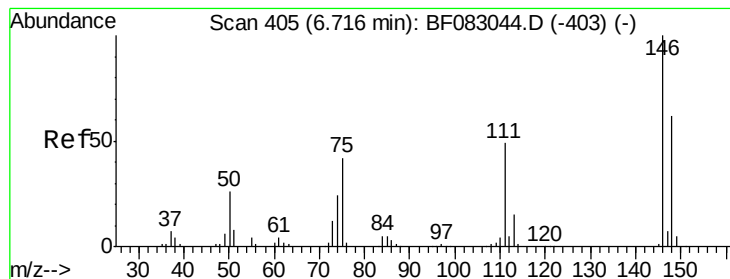
Ion Ratio Lower Upper

146 100

148 63.5 52.8 79.2

75 27.9 20.3 30.5





#13

1,4-Dichlorobenzene

Concen: 37.54 ng m

RT: 6.73 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

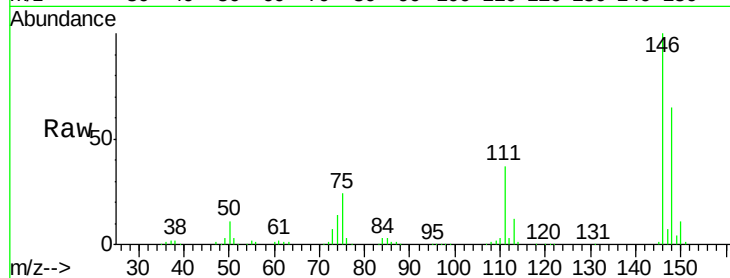
Tgt Ion:146 Resp: 458639

Ion Ratio Lower Upper

146 100

148 65.4 49.6 74.4

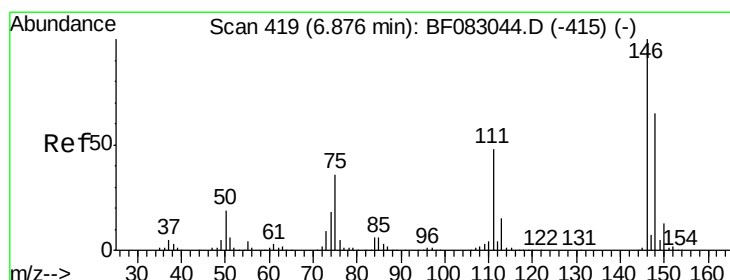
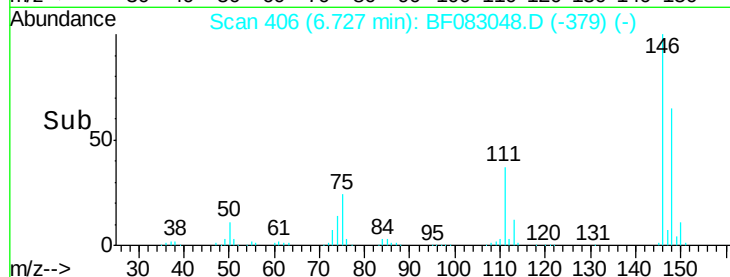
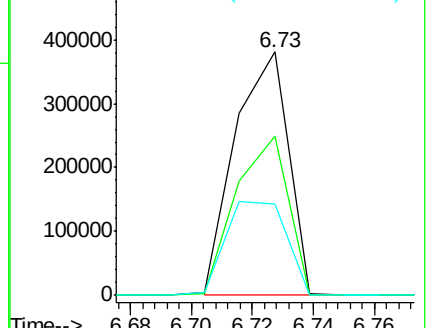
111 37.3 39.0 58.6#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.45 ng

RT: 6.88 min Scan# 419

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

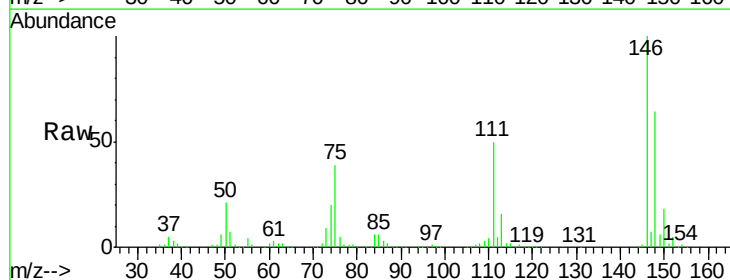
Tgt Ion:146 Resp: 434176

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.6

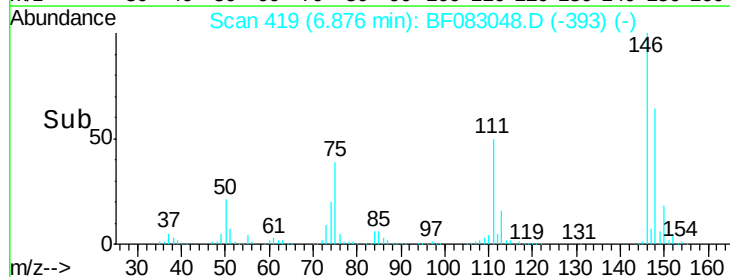
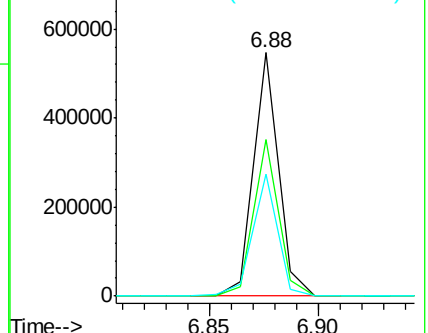
111 49.9 38.2 57.2

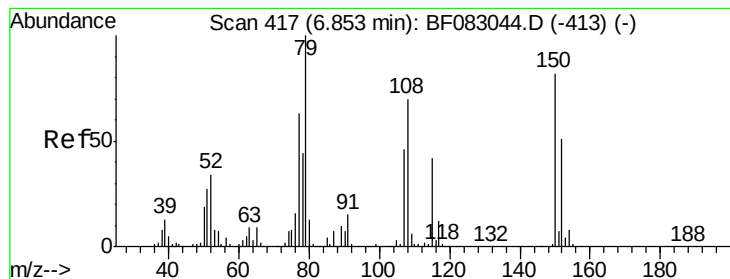


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.08 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

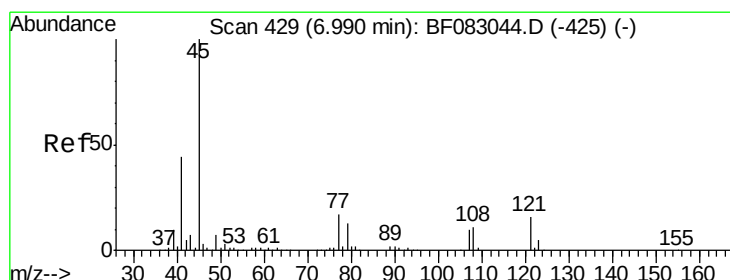
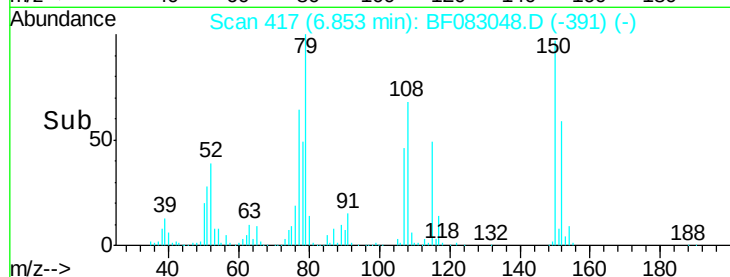
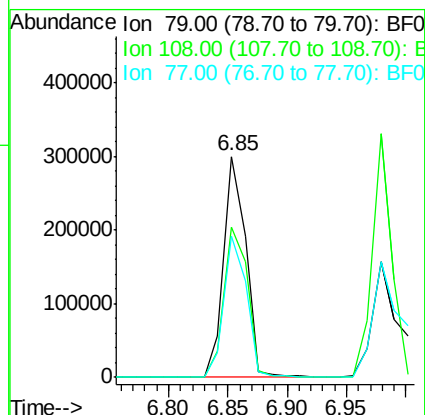
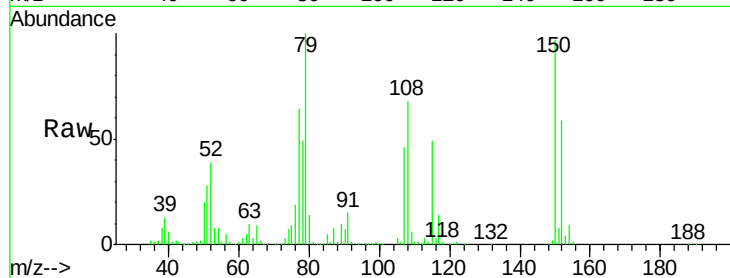
Tgt Ion: 79 Resp: 388249

Ion Ratio Lower Upper

79 100

108 68.2 55.7 83.5

77 63.8 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.84 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

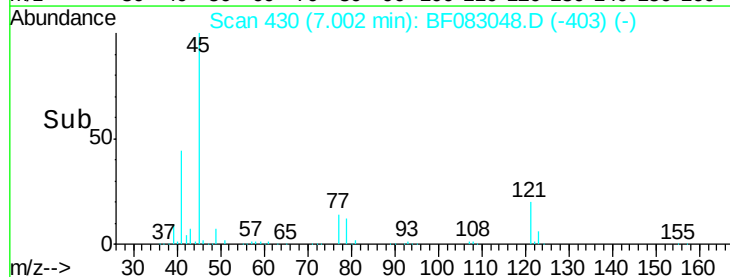
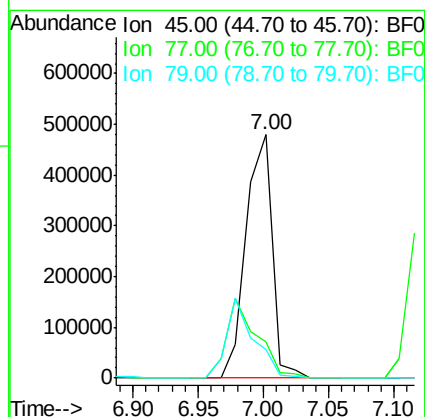
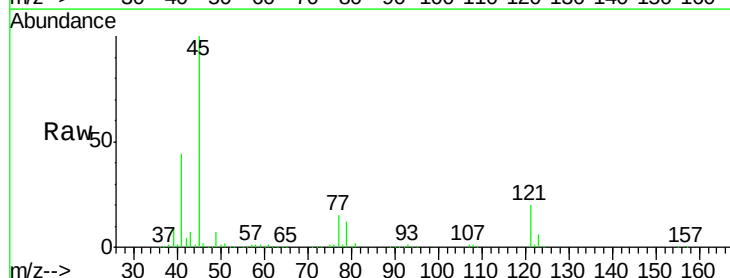
Tgt Ion: 45 Resp: 669211

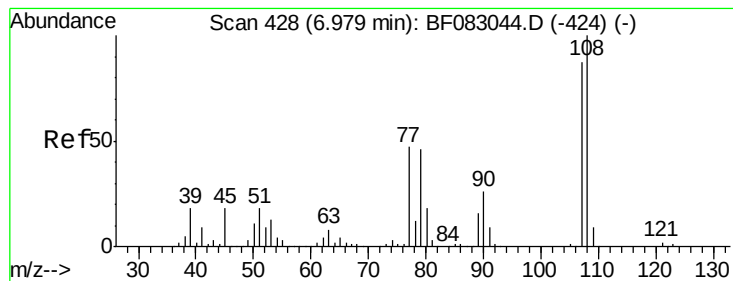
Ion Ratio Lower Upper

45 100

77 14.6 0.0 36.7

79 11.8 0.0 33.0





#17

2-Methylphenol

Concen: 37.05 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

Tgt Ion:107 Resp: 333374

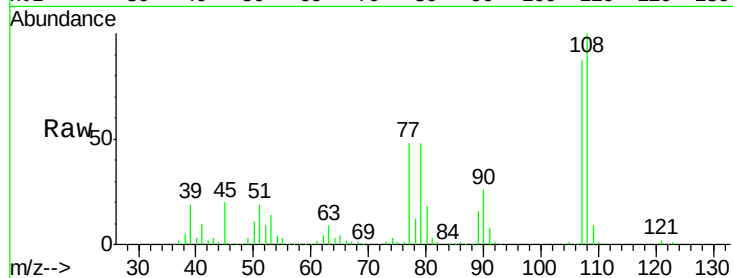
Ion Ratio Lower Upper

107 100

108 114.3 92.3 138.5

77 54.4 43.9 65.9

79 54.3 42.6 64.0

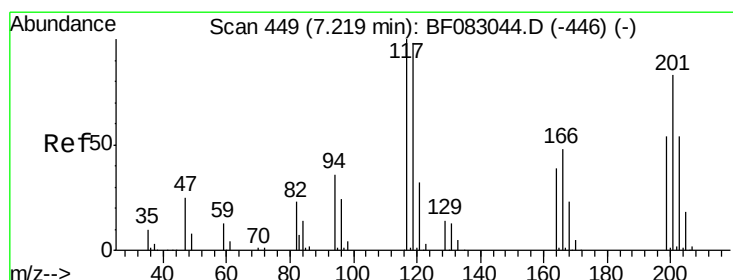
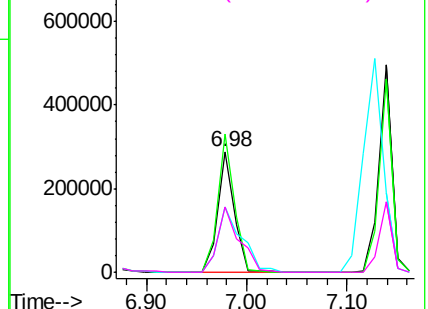
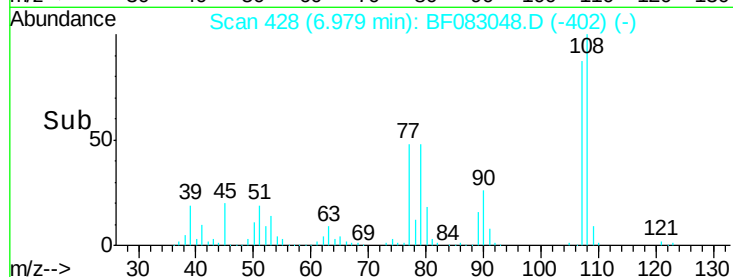


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 37.35 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

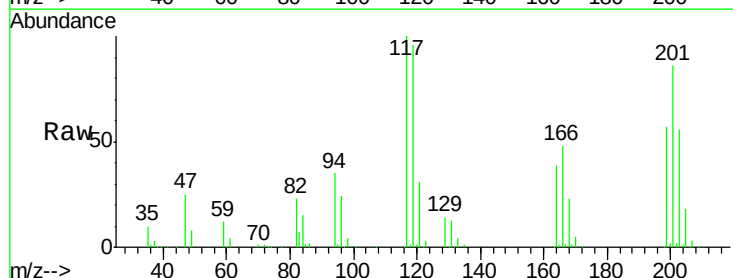
Tgt Ion:117 Resp: 167711

Ion Ratio Lower Upper

117 100

119 96.5 78.3 117.5

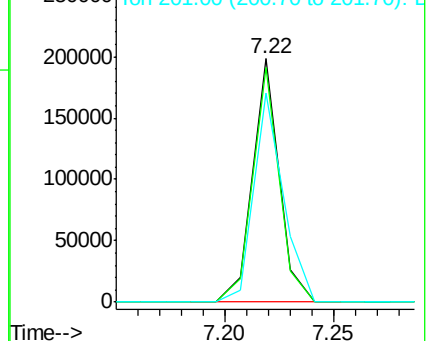
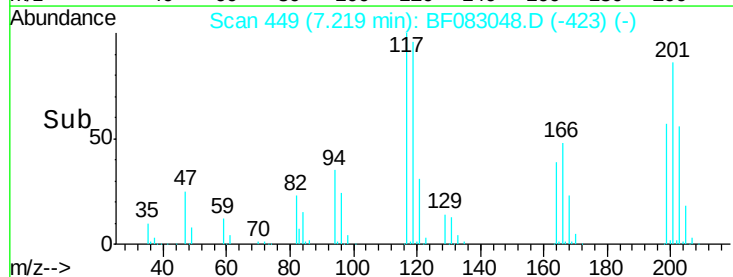
201 85.9 66.5 99.7

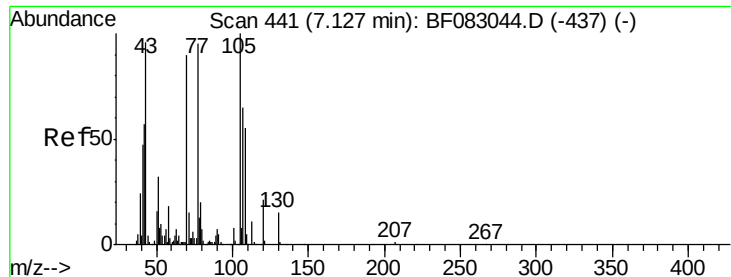


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

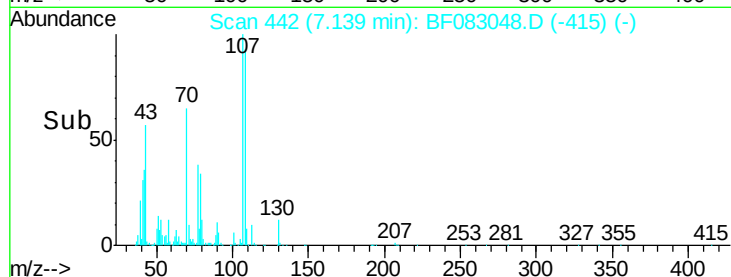
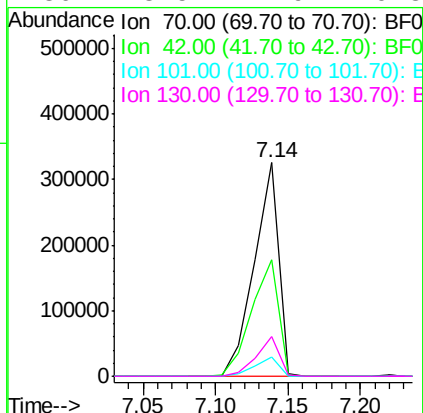
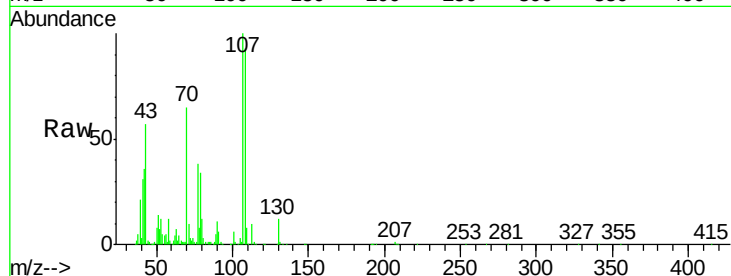




#19
n-Nitroso-di-n-propylamine
Concen: 41.04 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.01 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

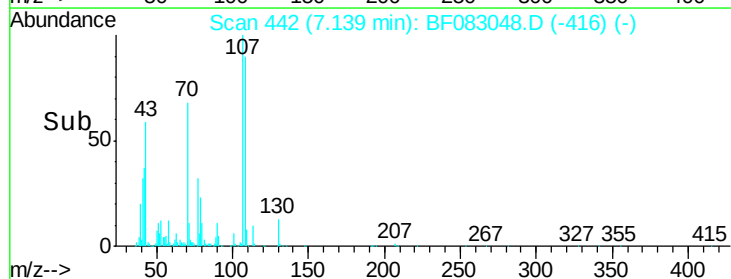
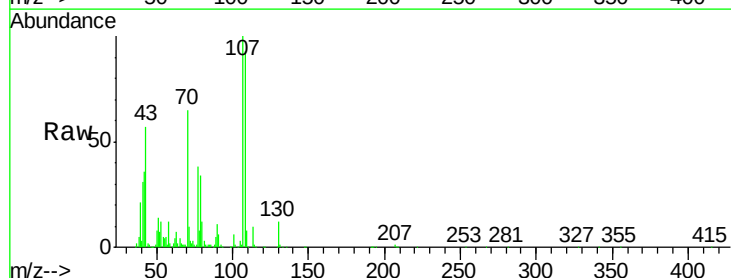
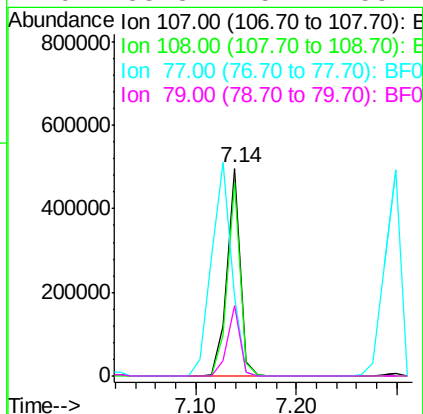
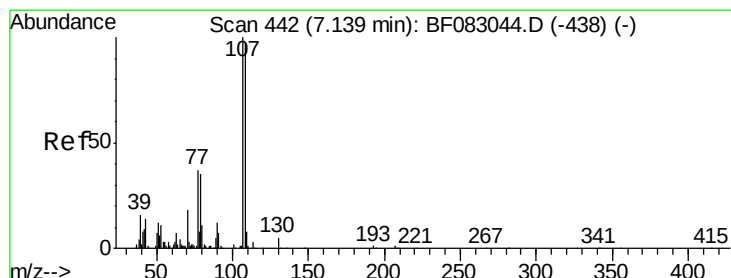
Instrument :
BNA_F
ClientSampleId :
ICVBF111915

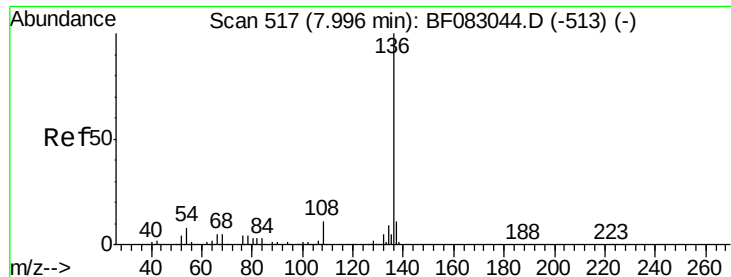
Tgt Ion: 70 Resp: 381681
Ion Ratio Lower Upper
70 100
42 54.6 50.2 75.2
101 9.1 6.8 10.2
130 18.5 12.9 19.3



#20
3+4-Methylphenols
Concen: 38.50 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion: 107 Resp: 451662
Ion Ratio Lower Upper
107 100
108 93.1 77.4 117.4
77 37.9 16.7 56.7
79 33.8 15.2 55.2

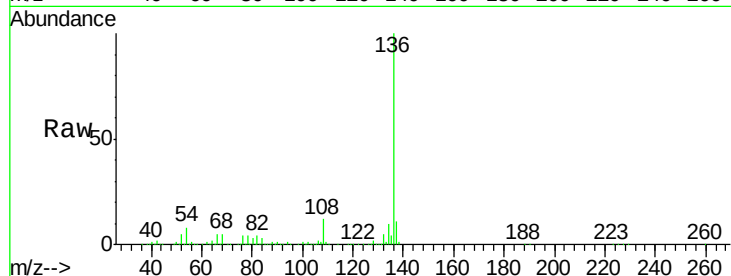




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:	136	Resp:	604640
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.0	6.2	9.2
68	5.1	4.2	6.2



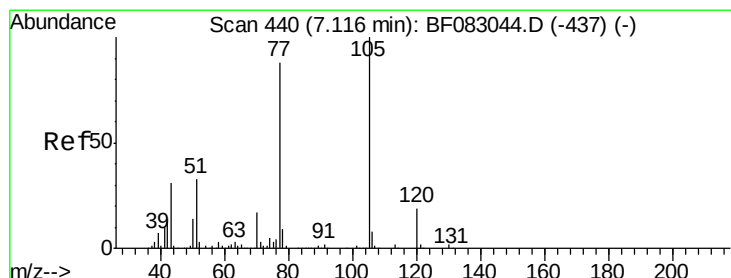
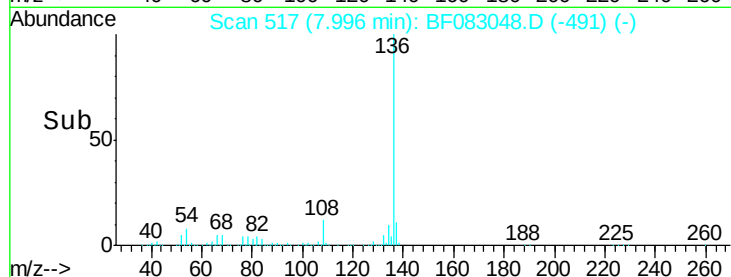
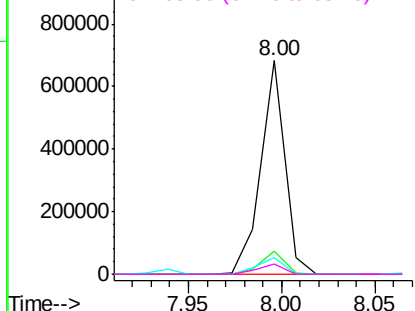
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

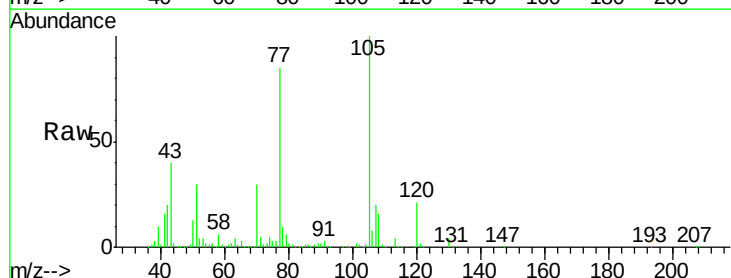
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 39.69 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.01 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:	105	Resp:	672330
Ion	Ratio	Lower	Upper
105	100		
71	4.8	2.3	3.5#
51	29.5	26.1	39.1
120	20.6	15.3	22.9



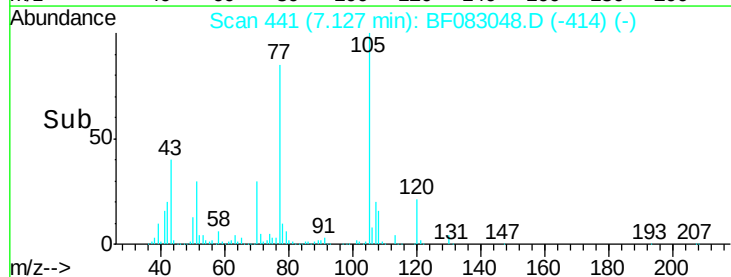
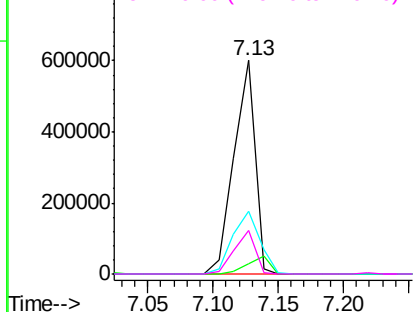
Abundance

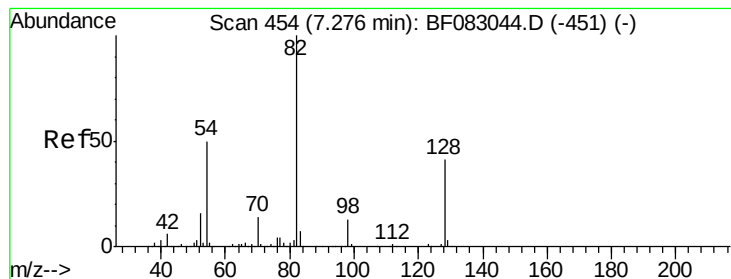
Ion 105.00 (104.70 to 105.70): E

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: 70.63 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

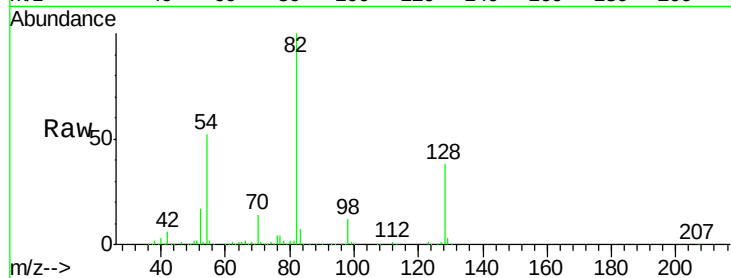
Tgt Ion: 82 Resp: 932863

Ion Ratio Lower Upper

82 100

128 38.0 33.1 49.7

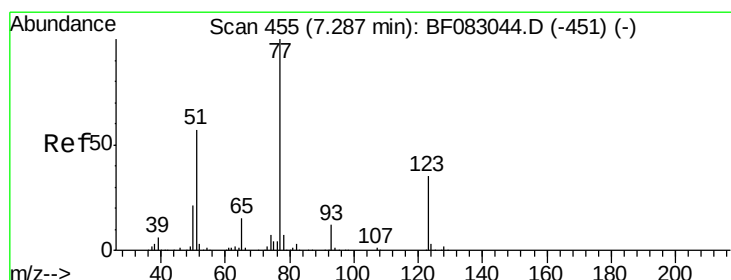
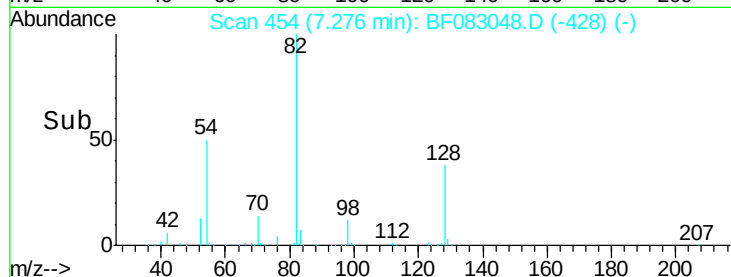
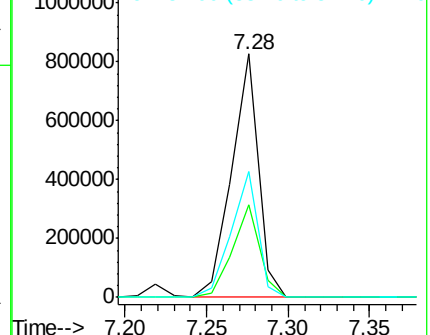
54 51.9 39.8 59.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 40.67 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

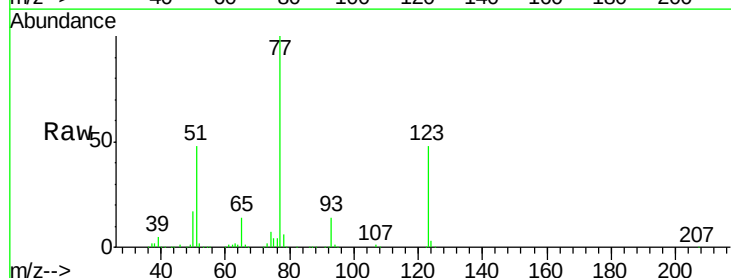
Tgt Ion: 77 Resp: 541811

Ion Ratio Lower Upper

77 100

123 47.7 28.2 42.4#

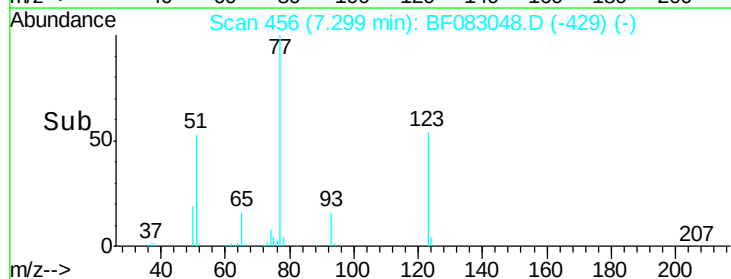
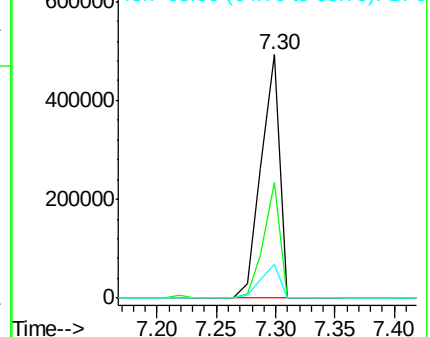
65 13.7 11.8 17.8

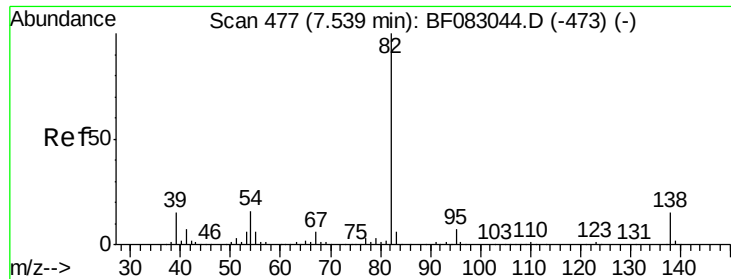


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.03 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

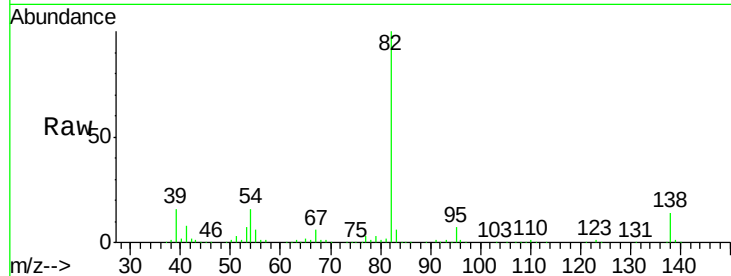
Tgt Ion: 82 Resp: 922545

Ion Ratio Lower Upper

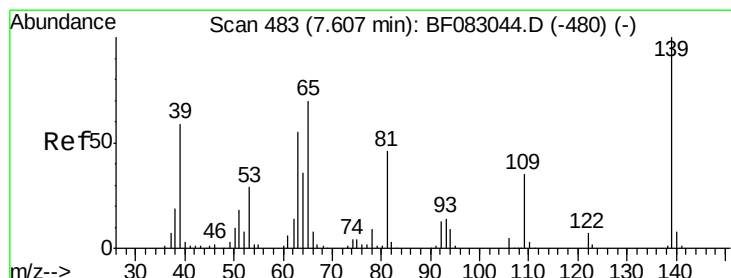
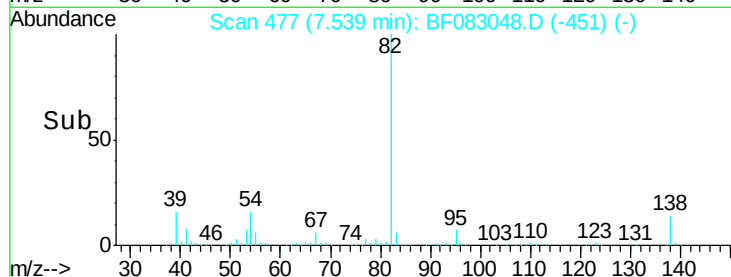
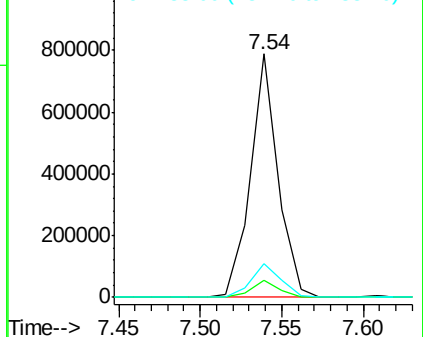
82 100

95 7.1 5.7 8.5

138 14.0 12.2 18.4



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: 35.38 ng

RT: 7.61 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

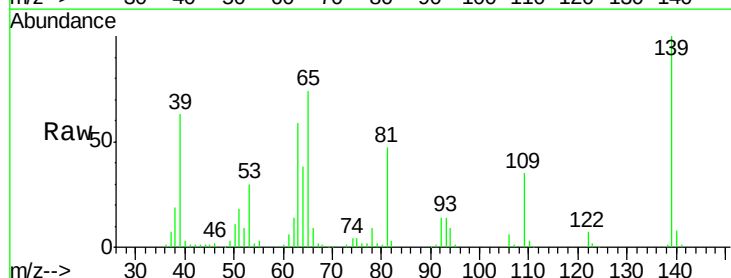
Tgt Ion: 139 Resp: 206151

Ion Ratio Lower Upper

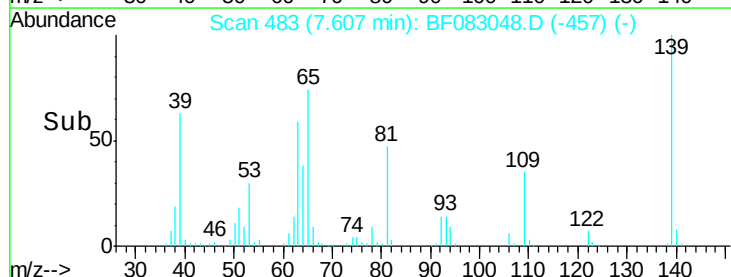
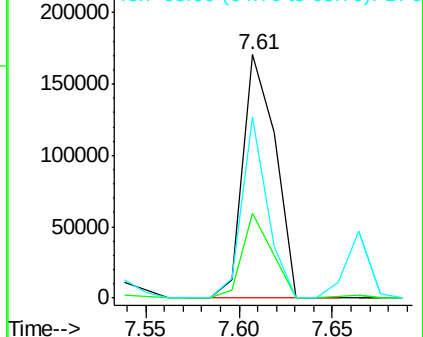
139 100

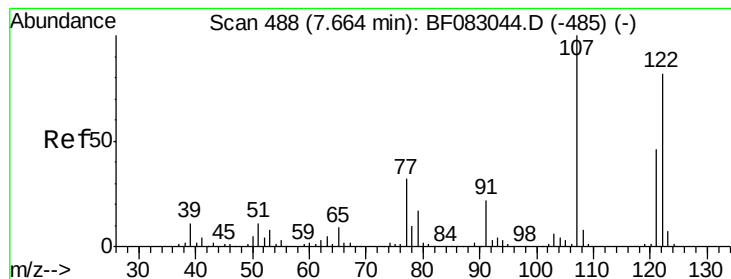
109 34.8 27.8 41.6

65 74.1 56.4 84.6



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





#27

2,4-Dimethylphenol

Concen: 36.01 ng

RT: 7.66 min Scan# 488

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

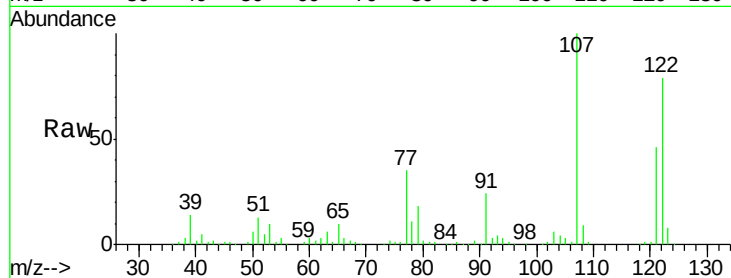
Tgt Ion:122 Resp: 346674

Ion Ratio Lower Upper

122 100

107 125.8 97.5 146.3

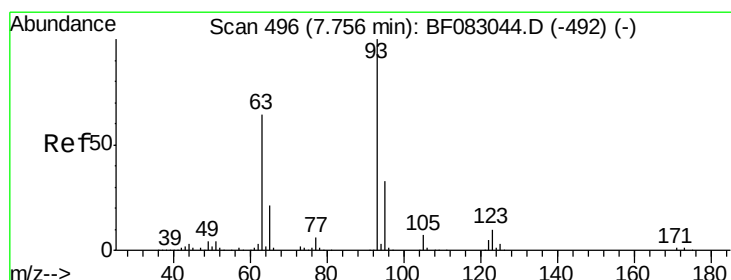
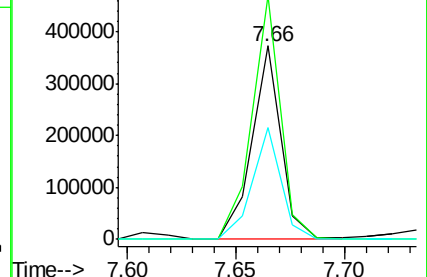
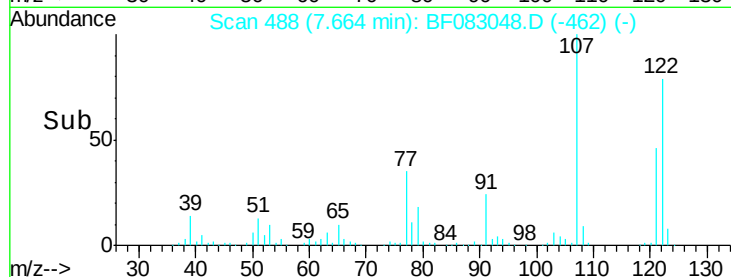
121 57.8 45.3 67.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.54 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF083048.D

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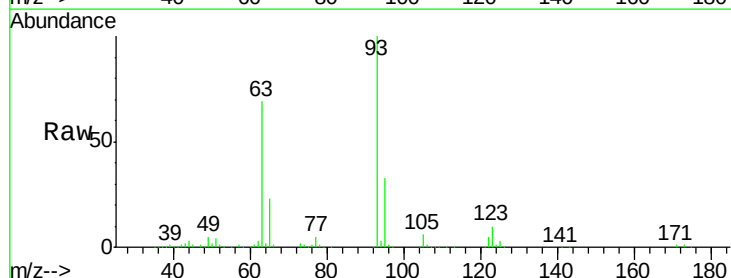
Tgt Ion: 93 Resp: 551923

Ion Ratio Lower Upper

93 100

95 32.7 26.2 39.2

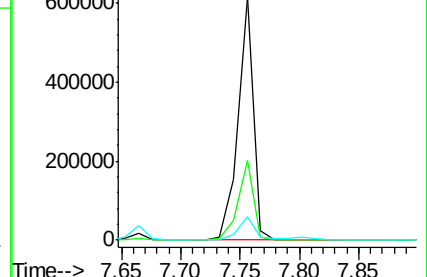
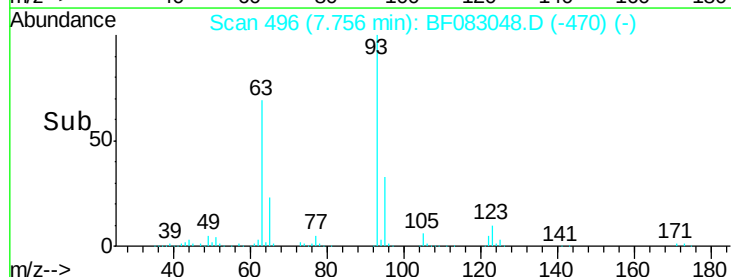
123 9.9 8.5 12.7

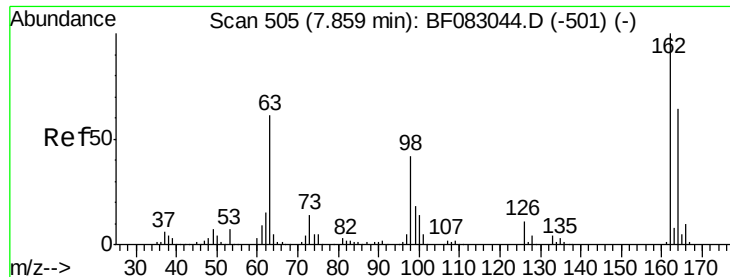


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

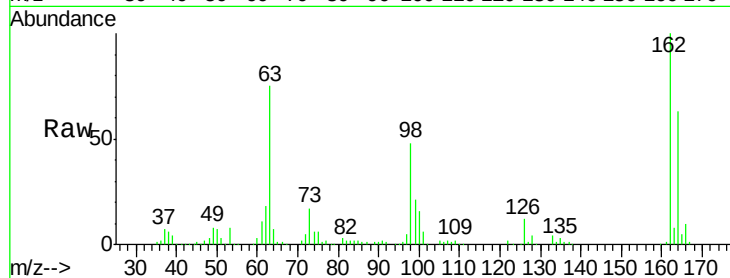




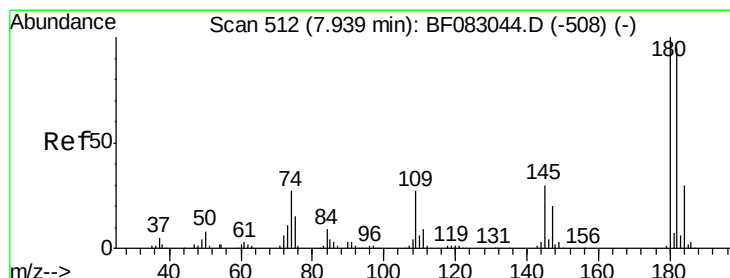
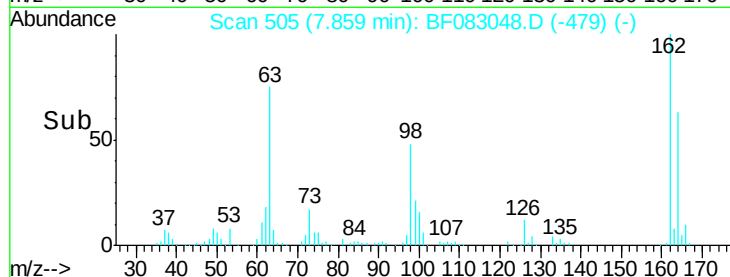
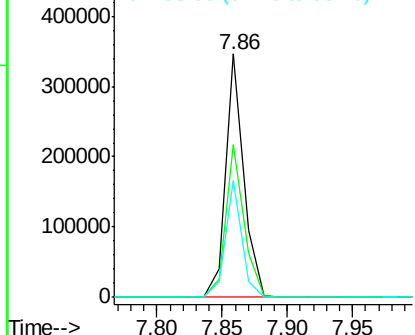
#29
2,4-Dichlorophenol
Concen: 35.87 ng
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:162 Resp: 334724
Ion Ratio Lower Upper
162 100
164 62.9 44.1 84.1
98 48.1 21.6 61.6

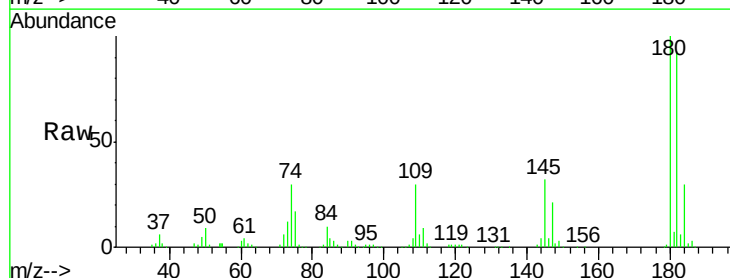


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

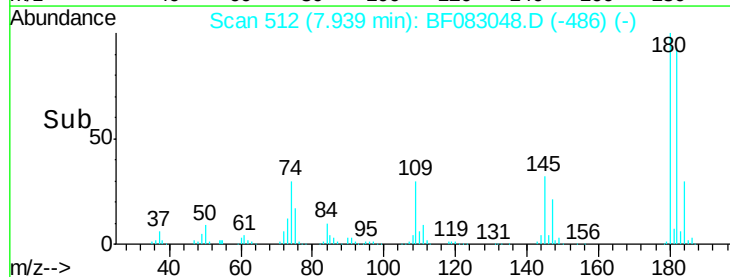
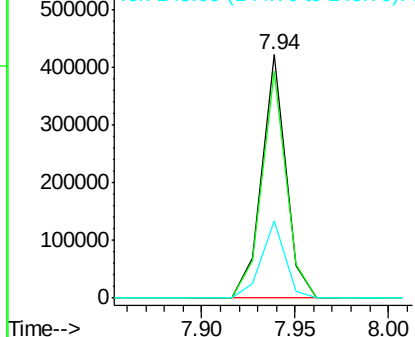


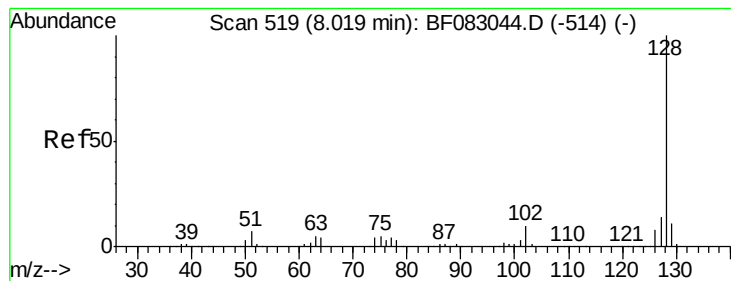
#30
1,2,4-Trichlorobenzene
Concen: 36.55 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:180 Resp: 377789
Ion Ratio Lower Upper
180 100
182 93.2 76.2 114.4
145 31.9 24.0 36.0



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

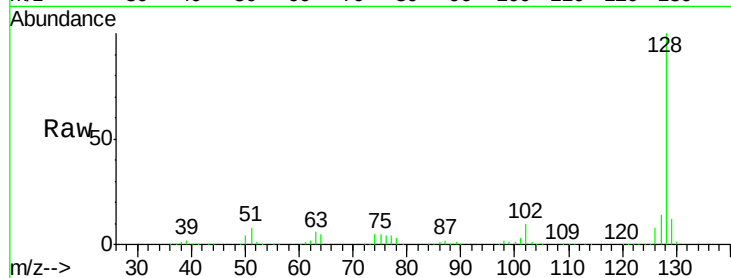




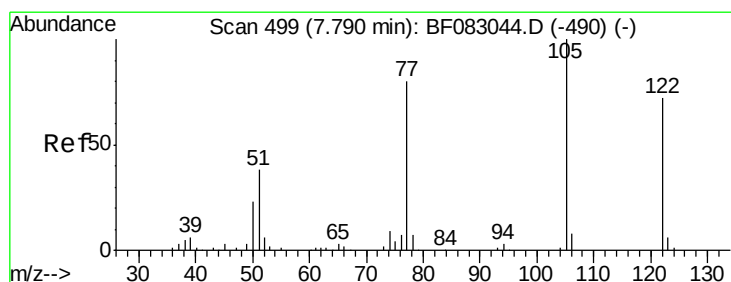
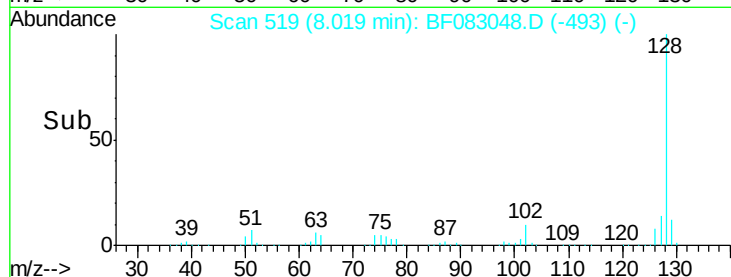
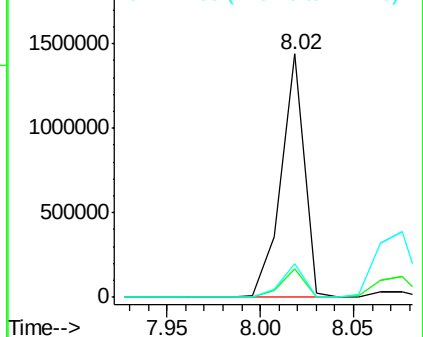
#31
Naphthalene
Concen: 39.91 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:128 Resp: 1257366
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.8 10.9 16.3

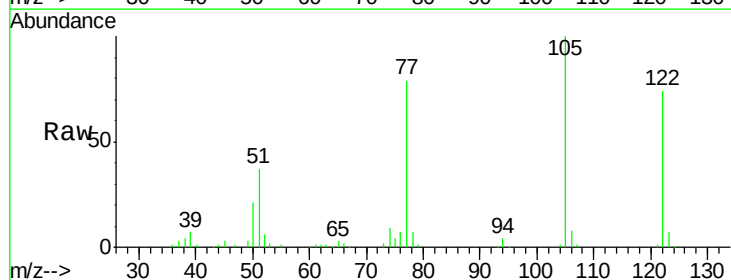


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

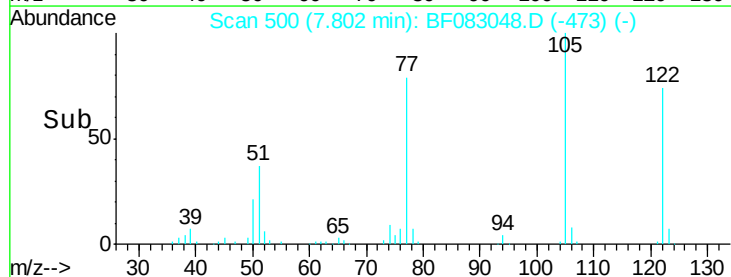
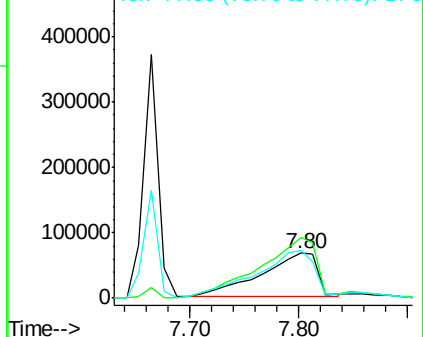


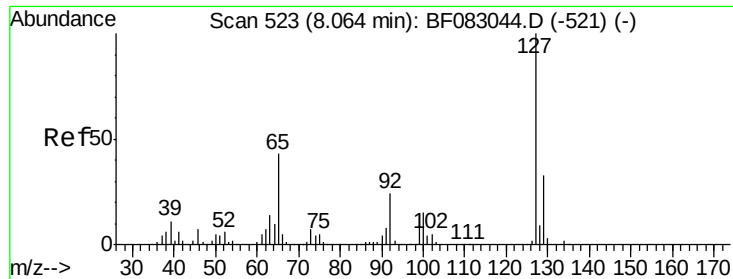
#32
Benzoic acid
Concen: 40.80 ng
RT: 7.80 min Scan# 500
Delta R.T. 0.01 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:122 Resp: 238916
Ion Ratio Lower Upper
122 100
105 135.1 115.0 155.0
77 106.3 89.0 129.0



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

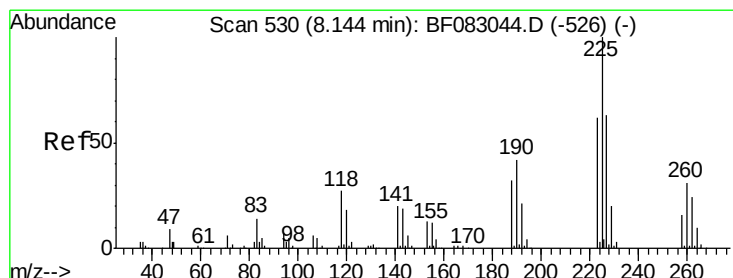
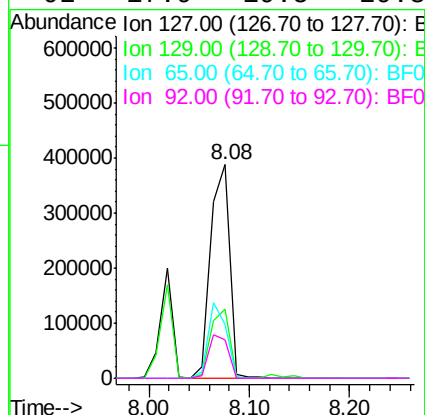
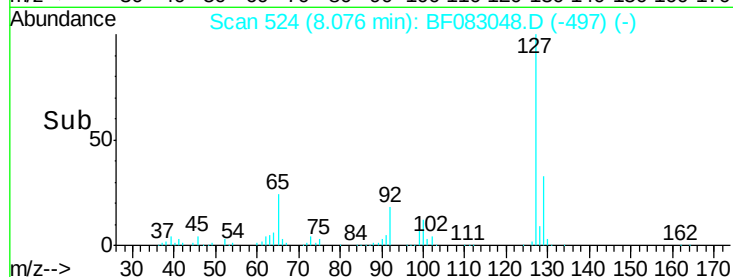
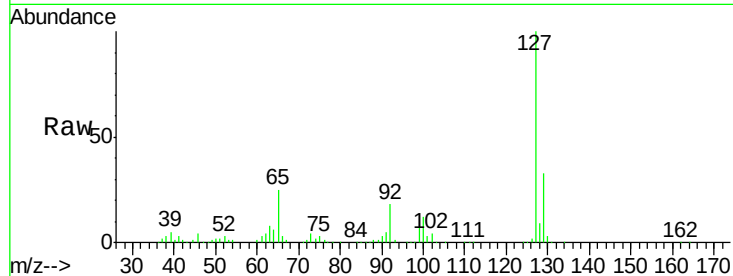




#33
4-Chloroaniline
Concen: 37.37 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.01 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

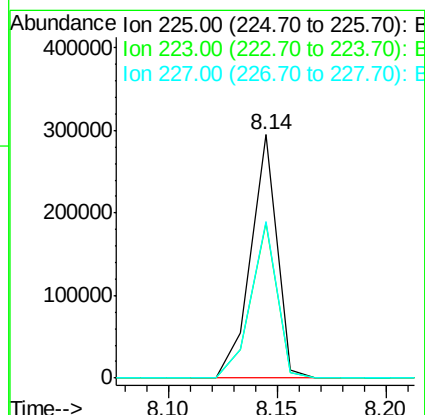
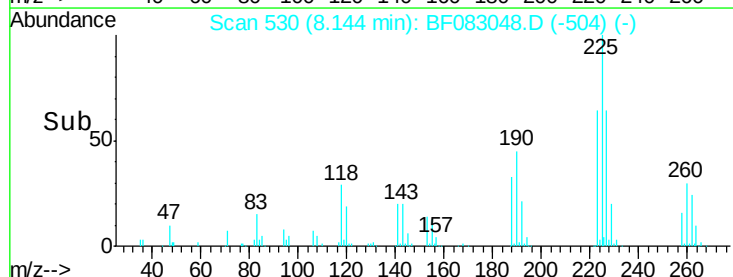
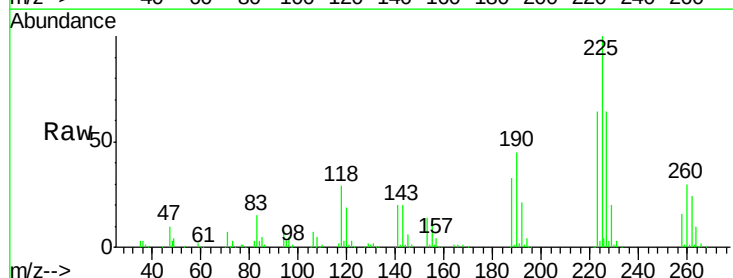
Instrument :
BNA_F
ClientSampleId :
ICVBF111915

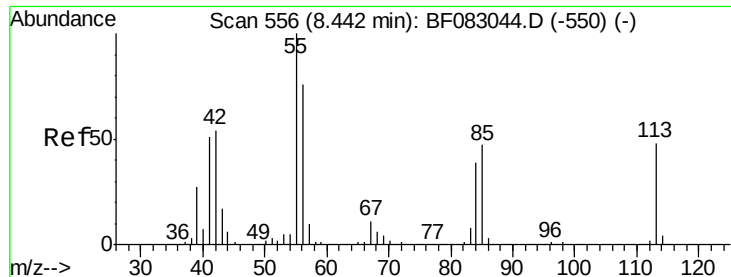
Tgt Ion:	127	Resp:	512130
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	24.9	34.4	51.6#
92	17.9	19.5	29.3#



#34
Hexachlorobutadiene
Concen: 38.13 ng
RT: 8.14 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:	225	Resp:	246306
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.8	74.6
227	64.1	50.6	76.0

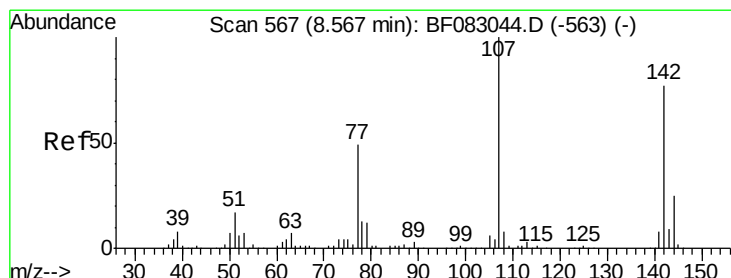
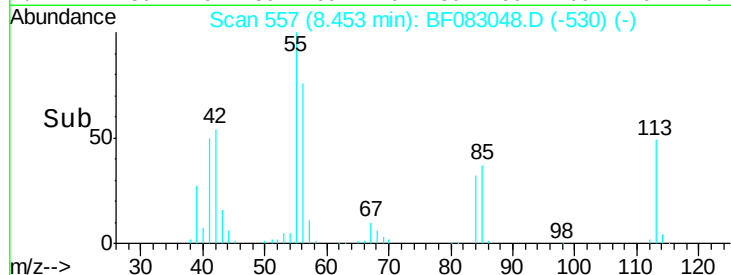
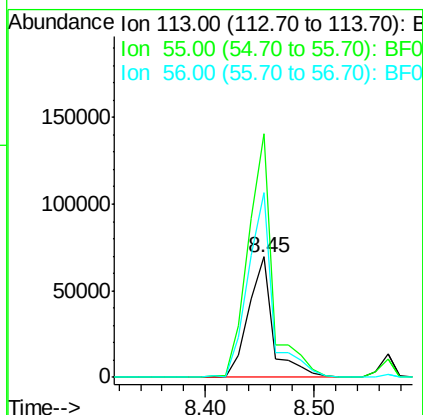
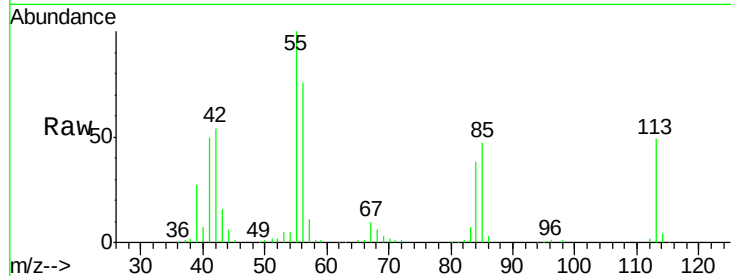




#35
 Caprolactam
 Concen: 36.60 ng
 RT: 8.45 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

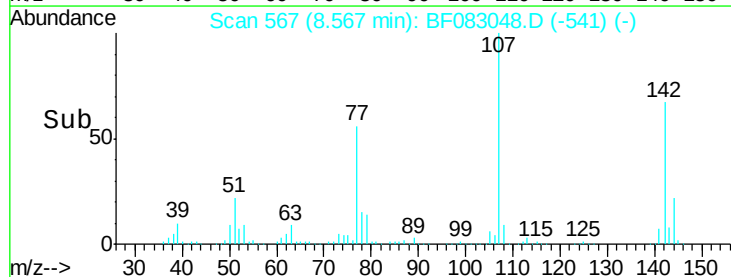
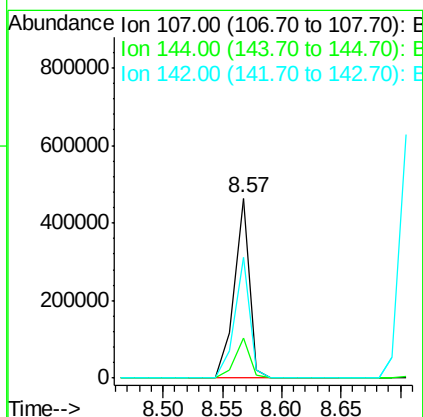
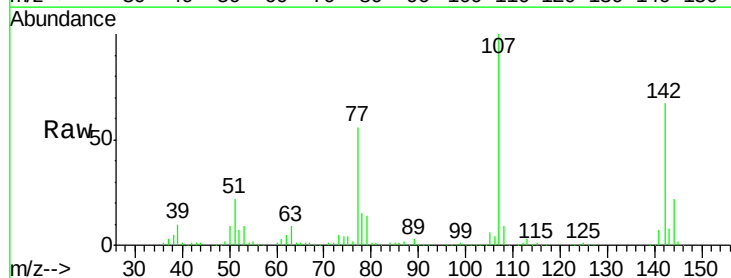
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

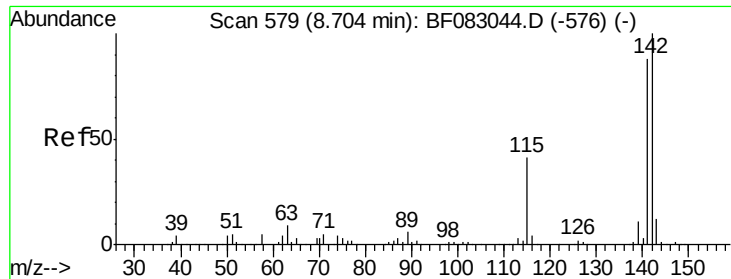
Tgt Ion:113 Resp: 108601
 Ion Ratio Lower Upper
 113 100
 55 202.3 189.1 229.1
 56 153.2 137.9 177.9



#36
 4-Chloro-3-methylphenol
 Concen: 38.79 ng
 RT: 8.57 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:107 Resp: 418460
 Ion Ratio Lower Upper
 107 100
 144 22.2 20.0 30.0
 142 67.0 61.3 91.9

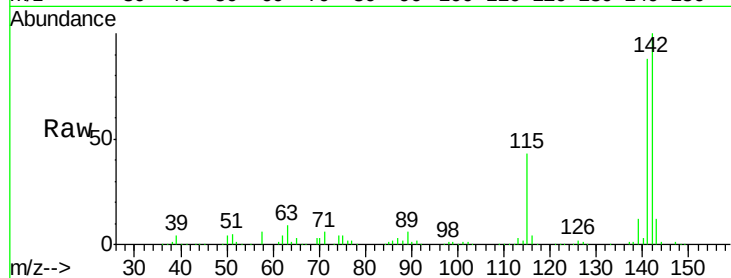




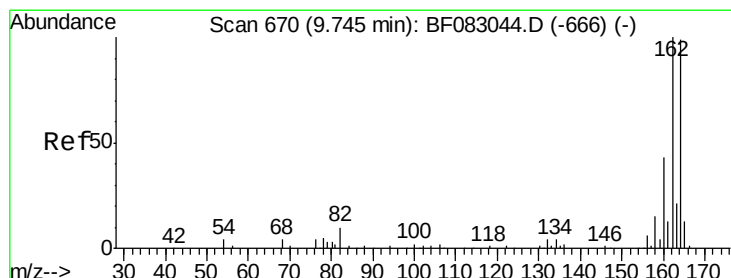
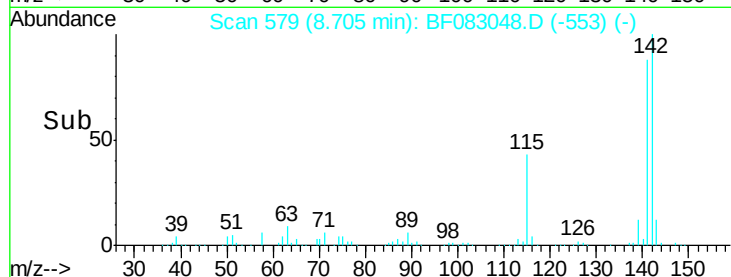
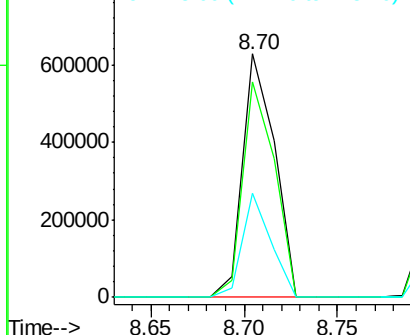
#37
 2-Methylnaphthalene
 Concen: 35.53 ng
 RT: 8.70 min Scan# 579
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:142 Resp: 745245
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.7 106.1
 115 42.5 33.1 49.7

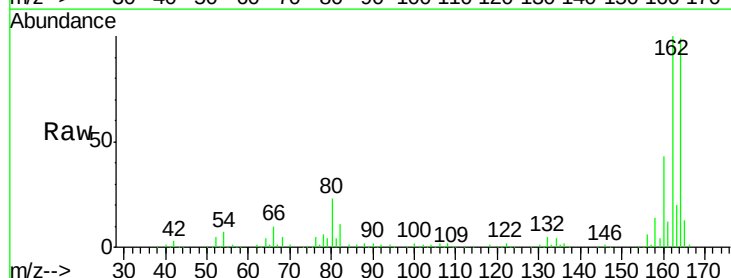


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

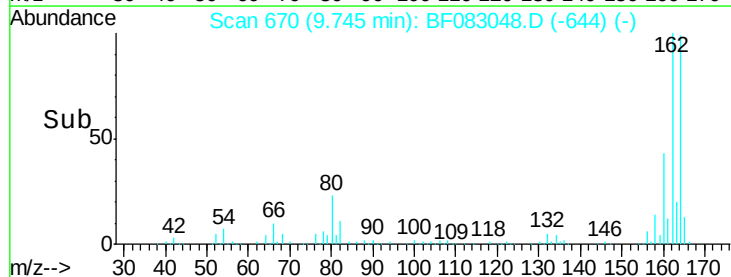
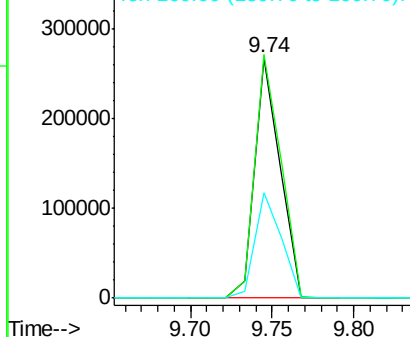


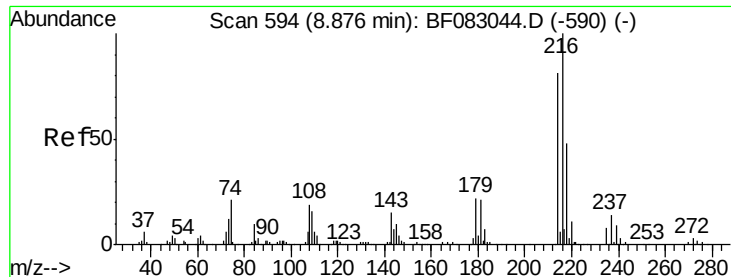
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:164 Resp: 289737
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.5 120.7
 160 44.1 35.0 52.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.12 ng

RT: 8.88 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

Tgt Ion:216 Resp: 345115

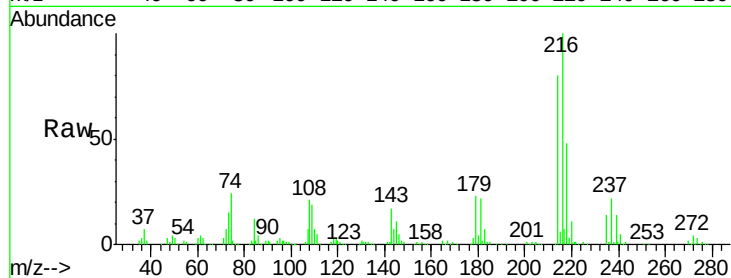
Ion Ratio Lower Upper

216 100

214 79.9 64.6 97.0

179 22.6 17.8 26.6

108 21.3 16.8 25.2

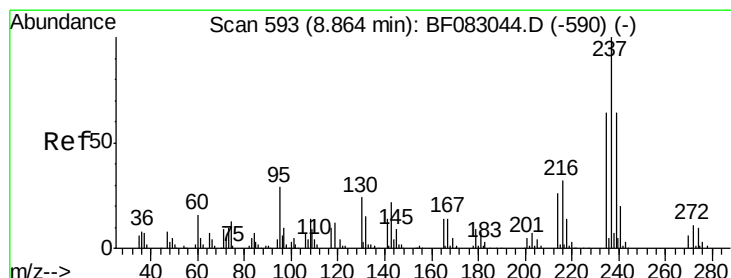
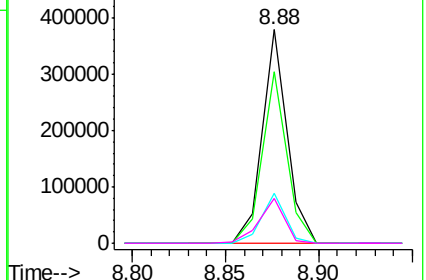
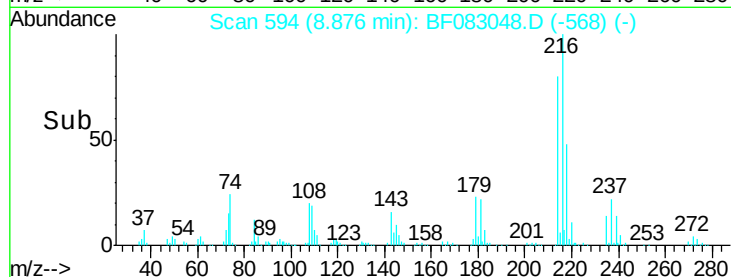


Abundance Ion 216.00 (215.70 to 216.70): E

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: 40.92 ng

RT: 8.86 min Scan# 593

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

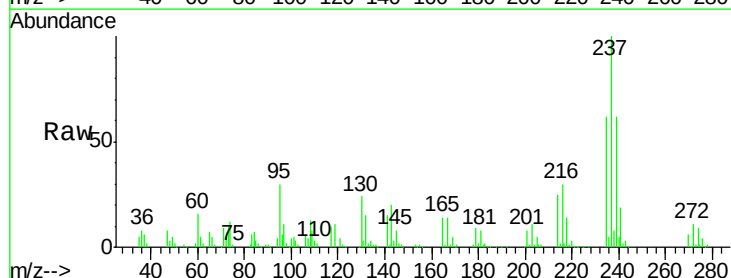
Tgt Ion:237 Resp: 182176

Ion Ratio Lower Upper

237 100

235 62.4 44.1 84.1

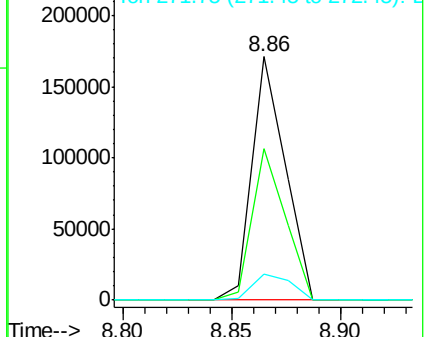
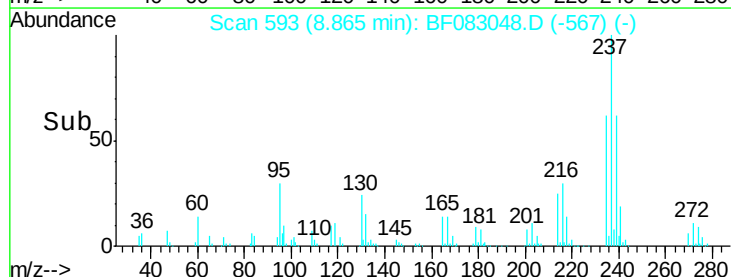
272 10.7 0.0 30.9

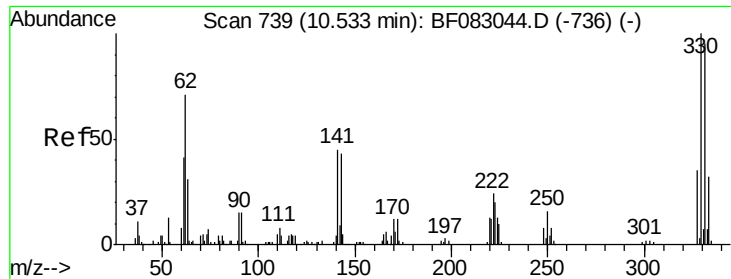


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

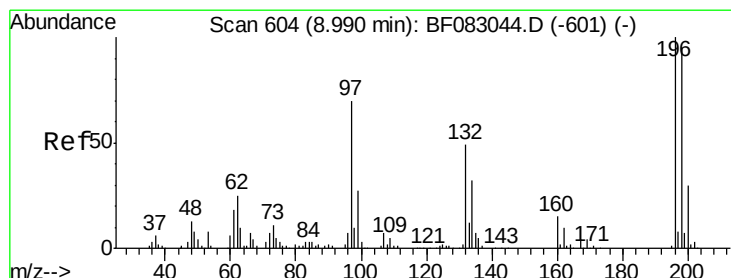
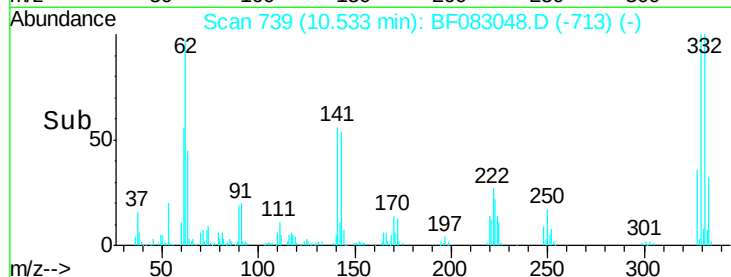
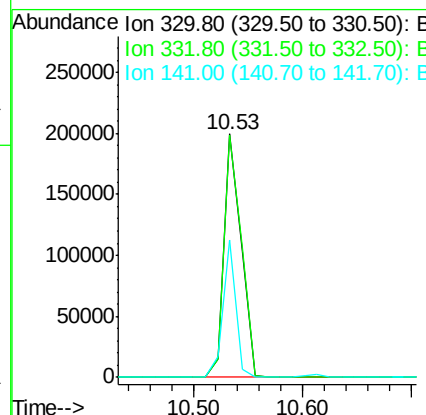
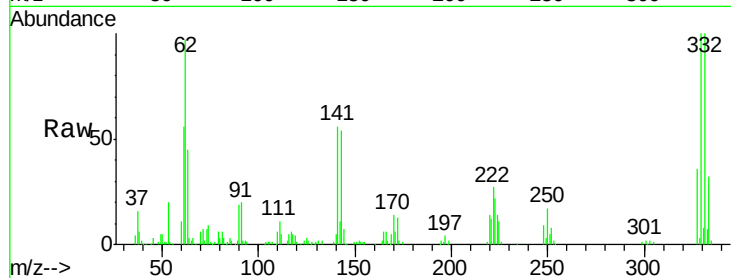




#41
 2,4,6-Tribromophenol
 Concen: 71.67 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

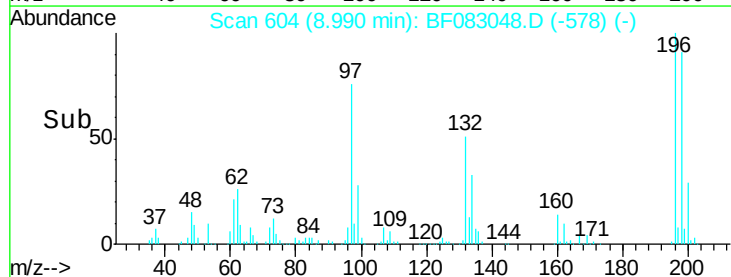
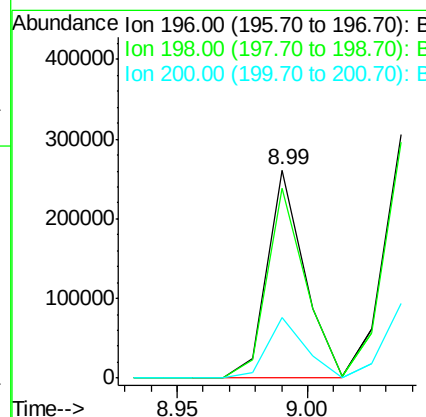
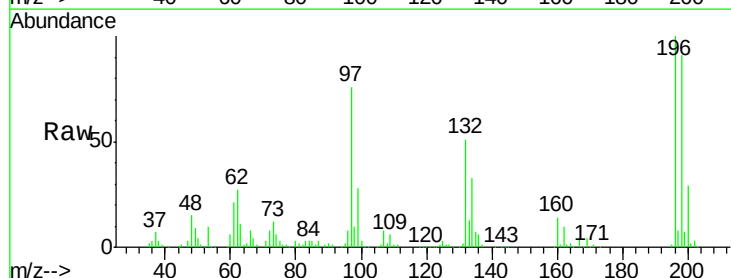
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

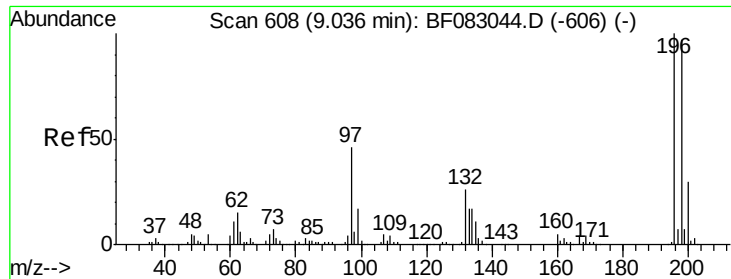
Tgt Ion:330 Resp: 220469
 Ion Ratio Lower Upper
 330 100
 332 100.6 77.6 116.4
 141 42.6 34.6 52.0



#42
 2,4,6-Trichlorophenol
 Concen: 37.31 ng
 RT: 8.99 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:196 Resp: 258642
 Ion Ratio Lower Upper
 196 100
 198 91.3 75.9 113.9
 200 29.1 24.0 36.0

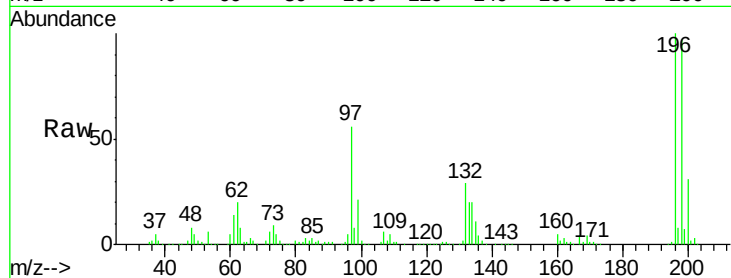




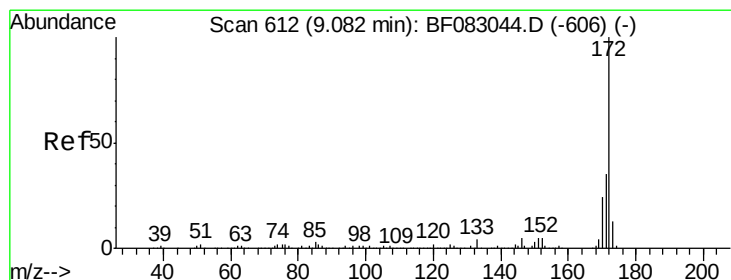
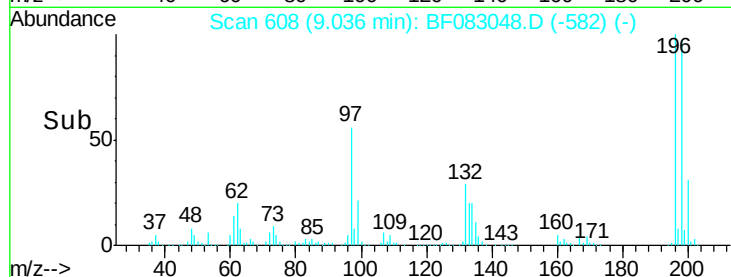
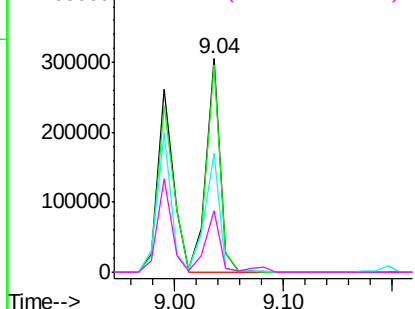
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 9.04 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:196 Resp: 275158
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.8 116.6
 97 55.7 37.1 55.7#
 132 28.8 21.0 31.4

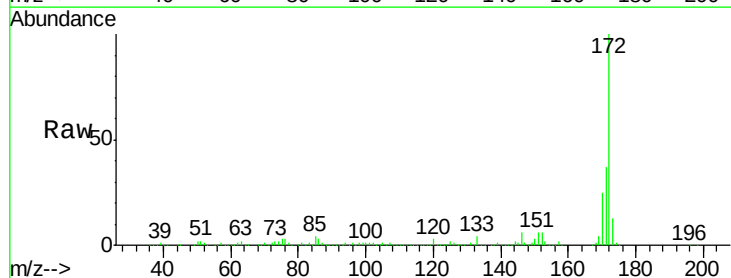


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

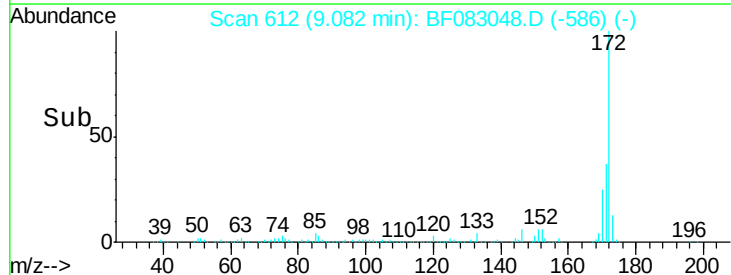
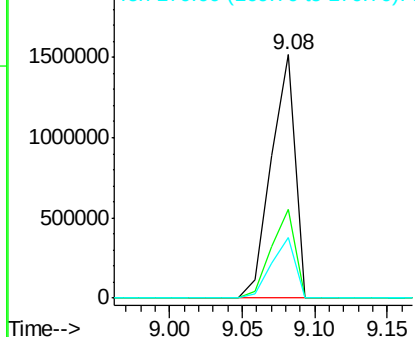


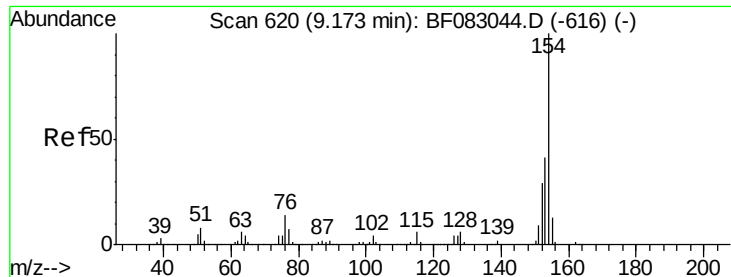
#44
 2-Fluorobiphenyl
 Concen: 80.40 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:172 Resp: 1729619
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.2 42.4
 170 24.6 19.4 29.0



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

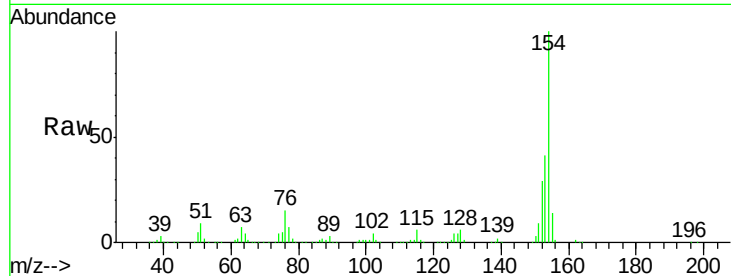




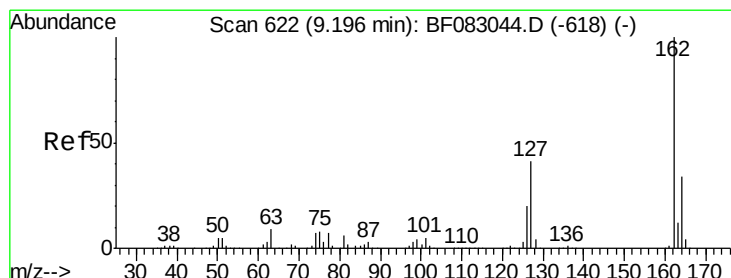
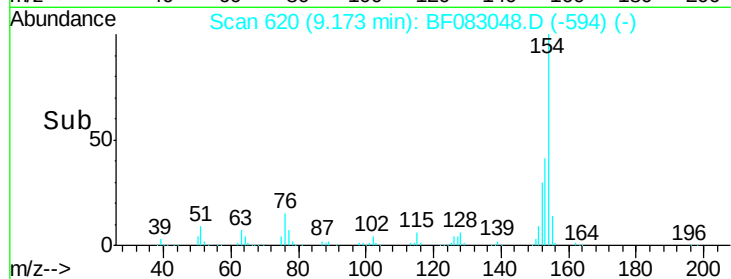
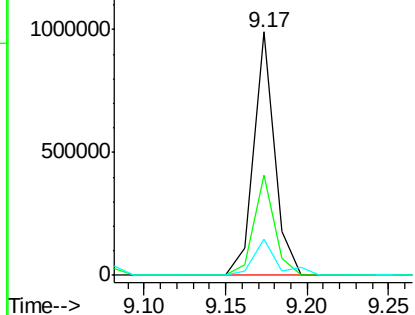
#45
 1,1'-Biphenyl
 Concen: 34.56 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:154 Resp: 881015
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.7 60.7
 76 14.9 0.0 34.0

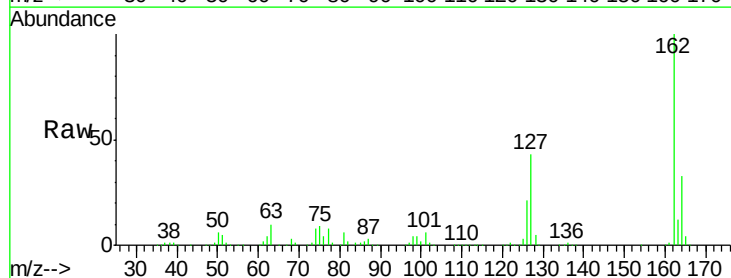


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

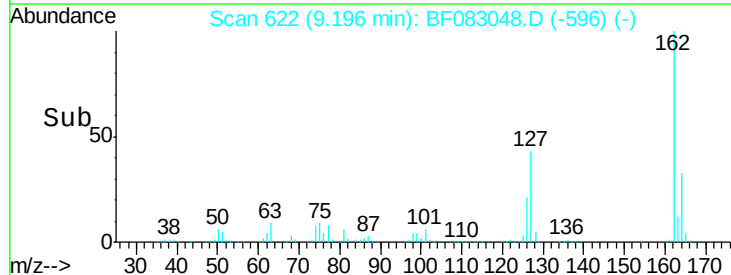
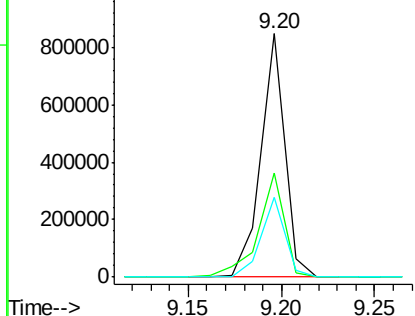


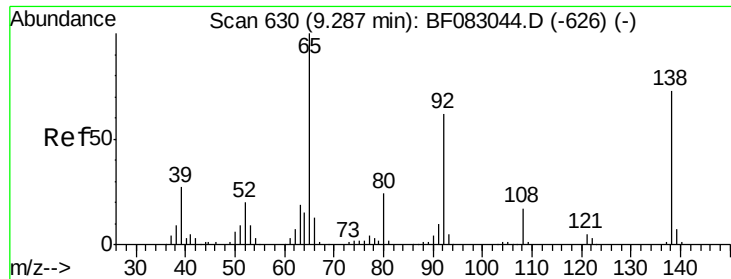
#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:162 Resp: 747017
 Ion Ratio Lower Upper
 162 100
 127 42.6 32.8 49.2
 164 32.8 26.9 40.3



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

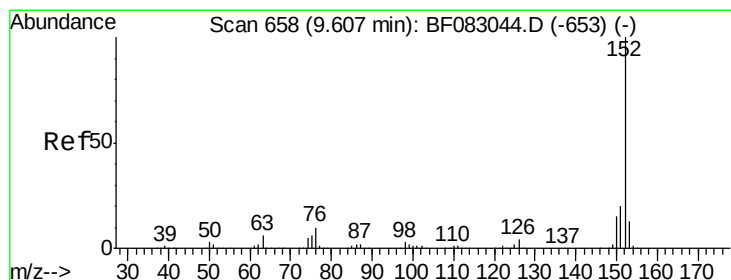
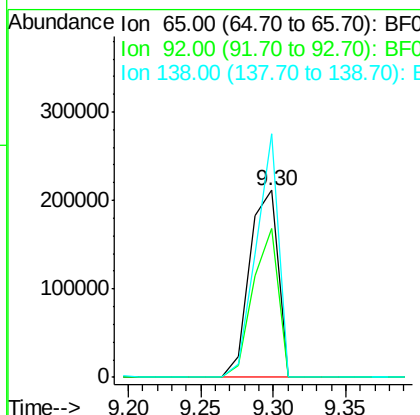
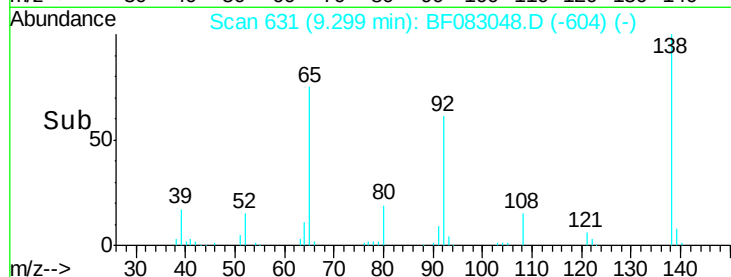
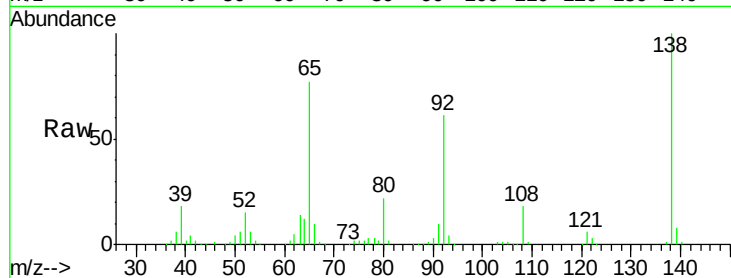




#47
 2-Nitroaniline
 Concen: 39.38 ng
 RT: 9.30 min Scan# 631
 Delta R.T. 0.01 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

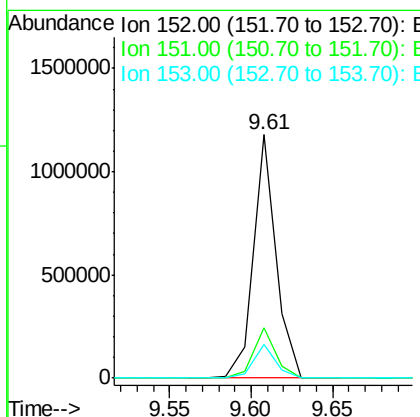
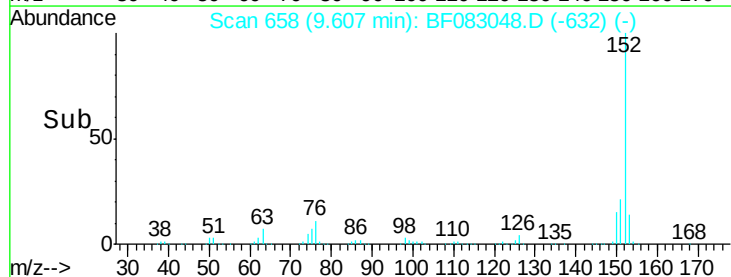
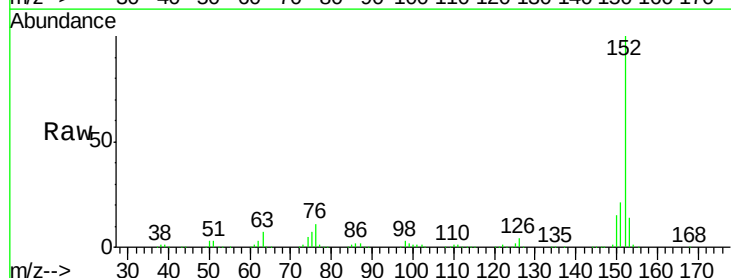
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

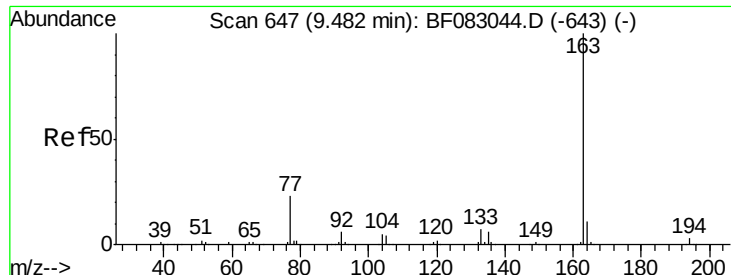
Tgt Ion: 65 Resp: 288097
 Ion Ratio Lower Upper
 65 100
 92 79.4 49.6 74.4#
 138 130.3 58.8 88.2#



#48
 Acenaphthylene
 Concen: 35.38 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion: 152 Resp: 1129502
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.2 24.2
 153 13.8 10.6 15.8

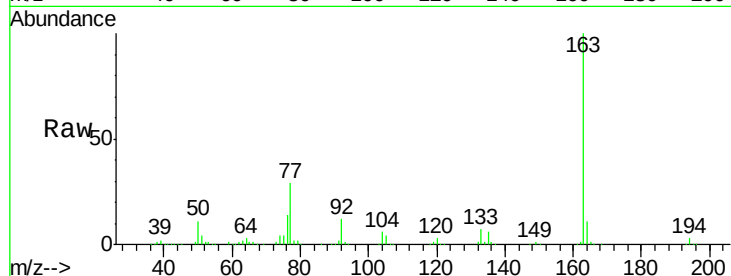




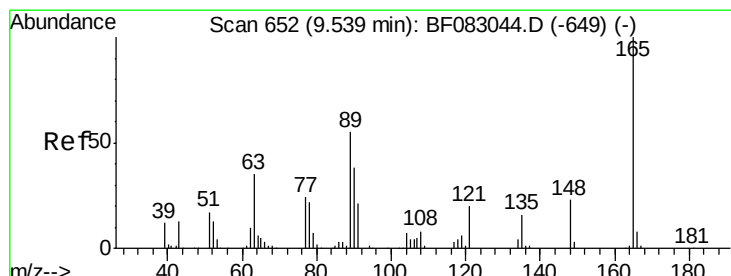
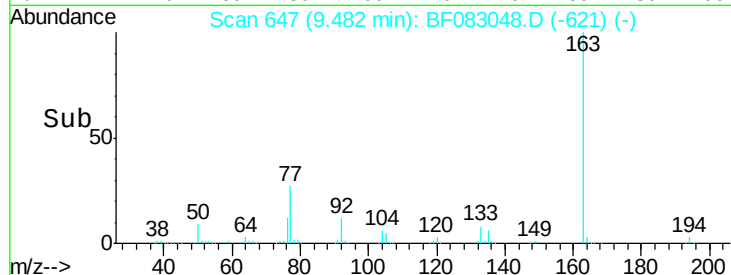
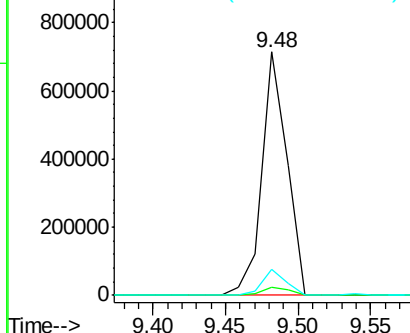
#49
Dimethylphthalate
Concen: 35.59 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:163 Resp: 848769
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.7 8.5 12.7

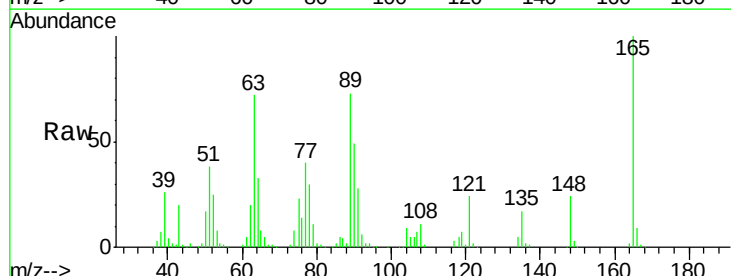


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

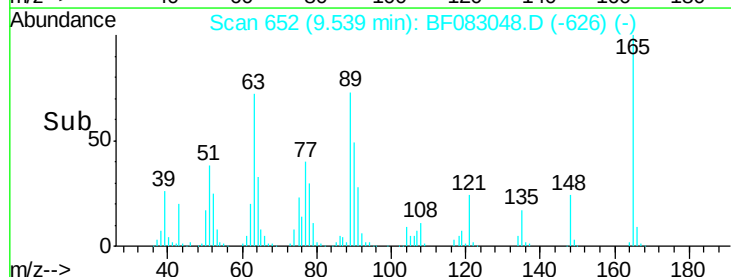
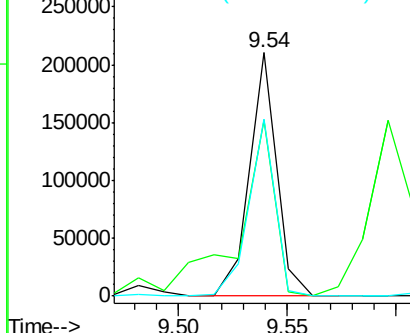


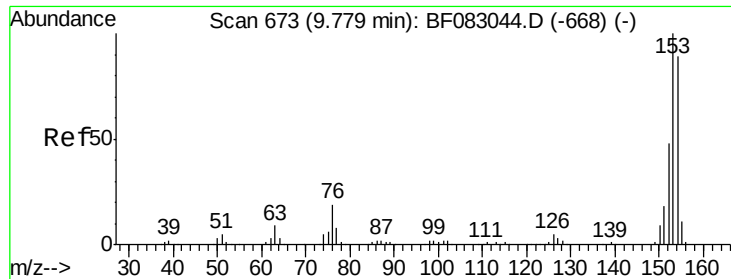
#50
2,6-Dinitrotoluene
Concen: 35.64 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:165 Resp: 183177
Ion Ratio Lower Upper
165 100
63 72.1 40.6 61.0#
89 72.7 44.5 66.7#



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: 36.24 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

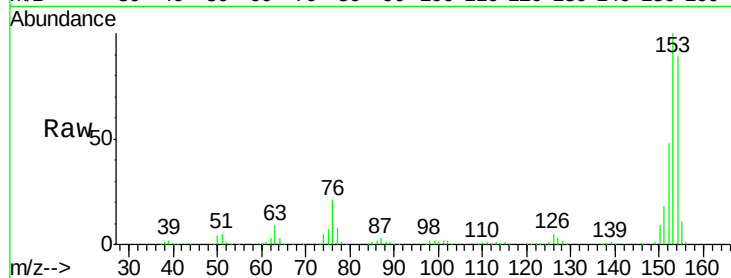
Tgt Ion:154 Resp: 731129

Ion Ratio Lower Upper

154 100

153 111.9 90.1 135.1

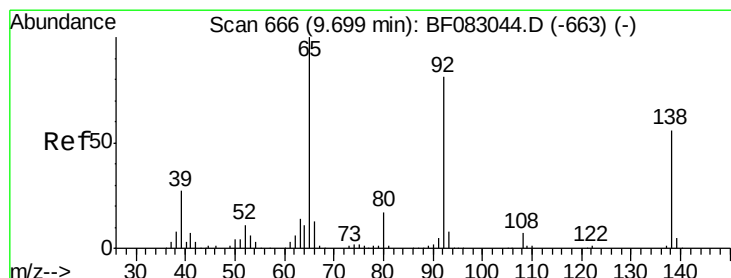
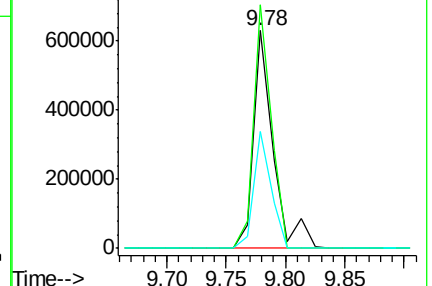
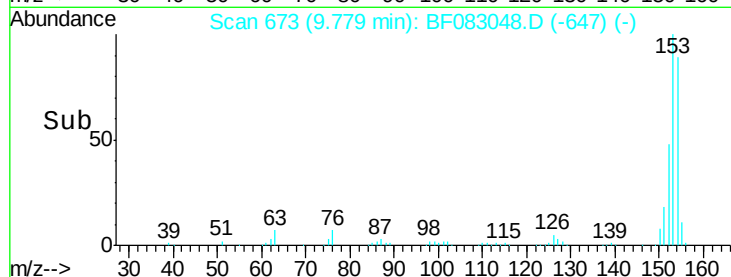
152 53.8 43.3 64.9



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: 44.19 ng

RT: 9.71 min Scan# 667

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

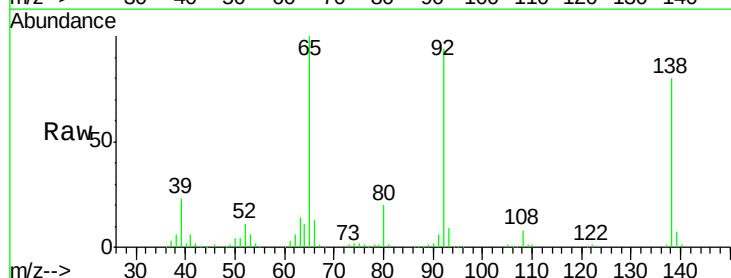
Tgt Ion:138 Resp: 259181

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.0

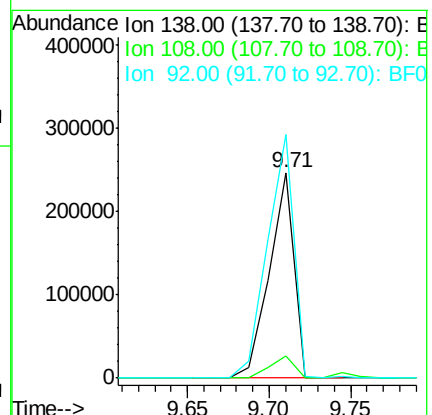
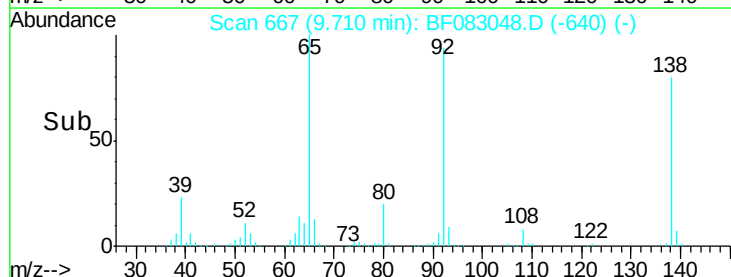
92 118.4 115.2 172.8

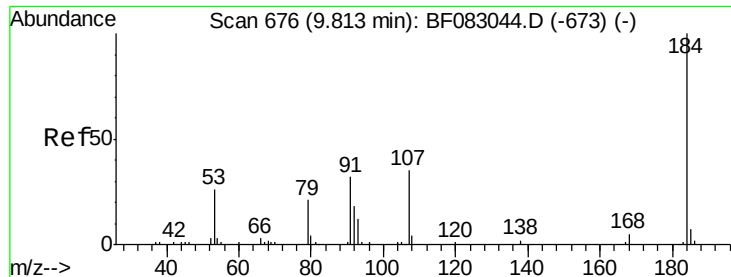


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

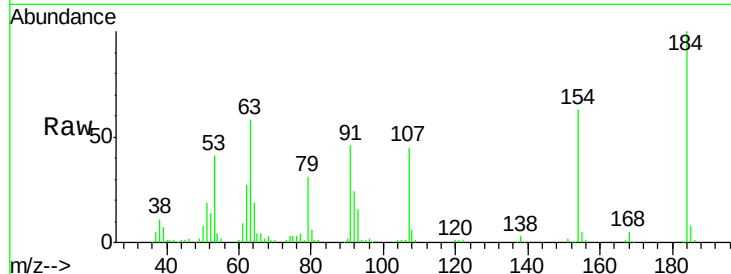




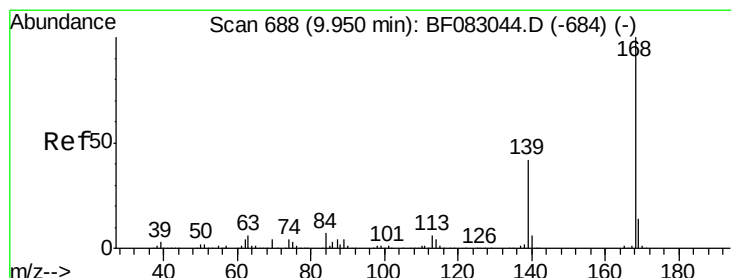
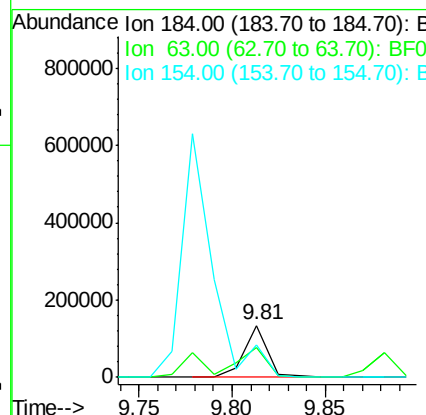
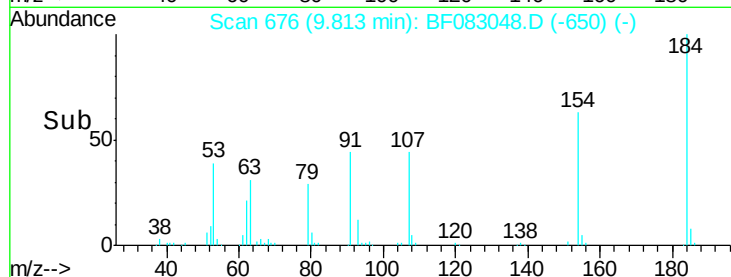
#53
2,4-Dinitrophenol
Concen: 45.22 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:184 Resp: 118453
Ion Ratio Lower Upper
184 100
63 57.8 30.4 45.6#
154 63.0 44.9 67.3

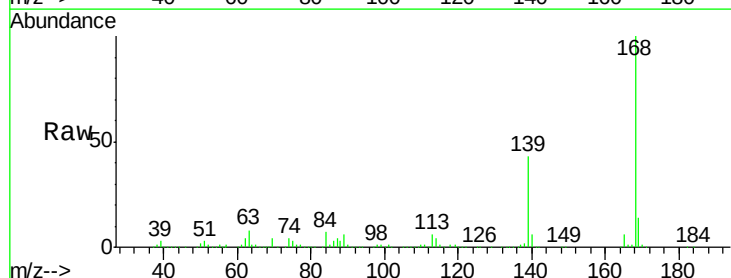


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

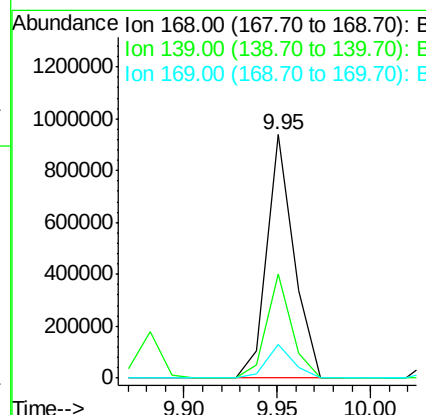
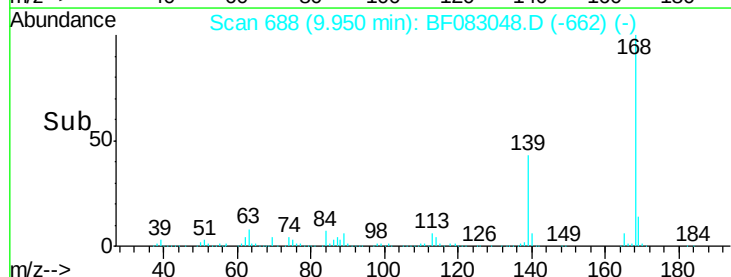


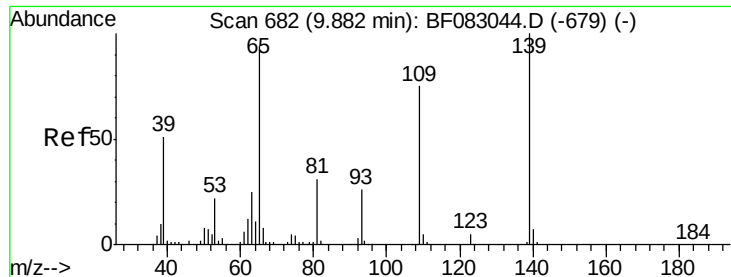
#54
Dibenzofuran
Concen: 35.02 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:168 Resp: 946777
Ion Ratio Lower Upper
168 100
139 42.8 33.5 50.3
169 14.1 11.2 16.8



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

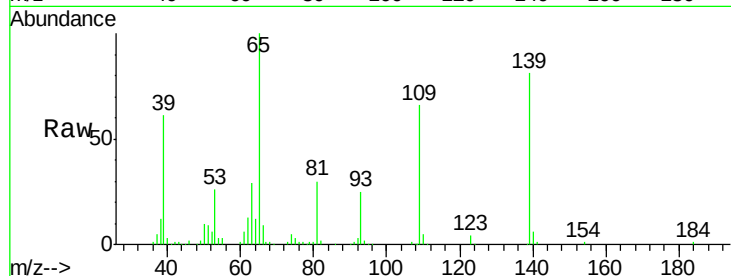




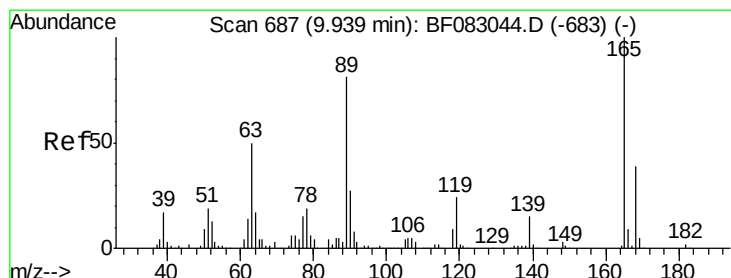
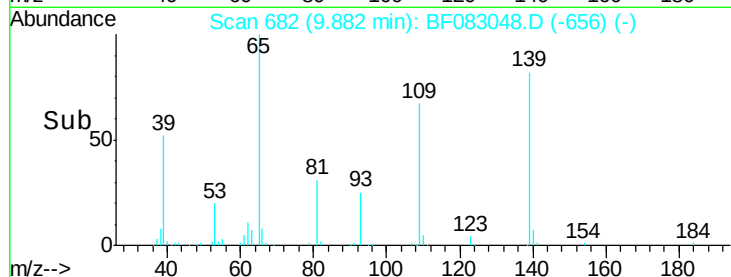
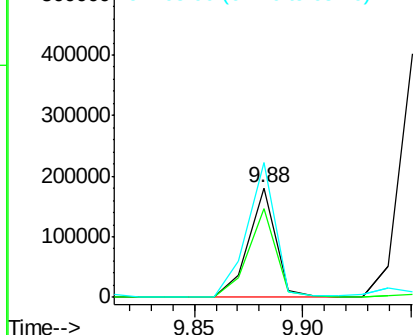
#55
4-Nitrophenol
Concen: 39.87 ng
RT: 9.88 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:139 Resp: 160490
Ion Ratio Lower Upper
139 100
109 81.2 54.6 94.6
65 123.4 74.4 114.4#



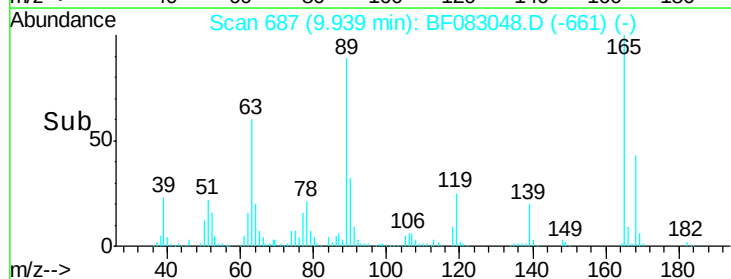
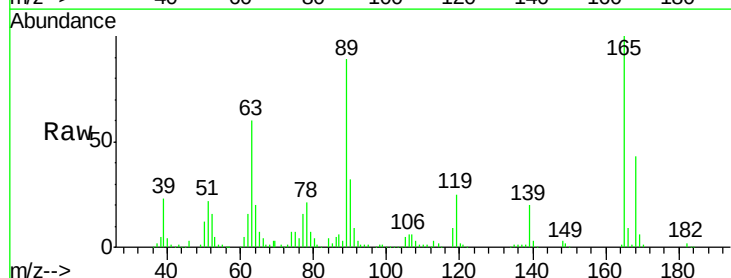
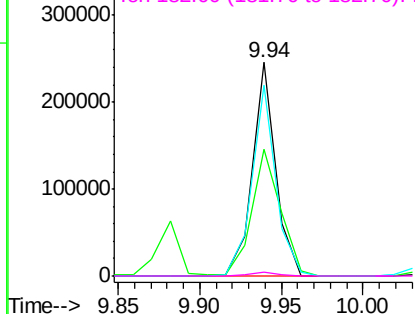
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

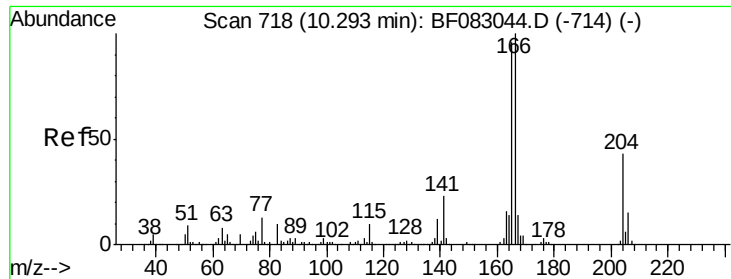


#56
2,4-Dinitrotoluene
Concen: 35.21 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:165 Resp: 242225
Ion Ratio Lower Upper
165 100
63 59.6 40.6 61.0
89 89.2 64.4 96.6
182 1.9 1.6 2.4

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

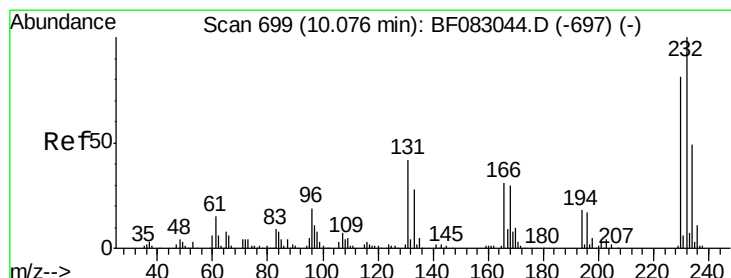
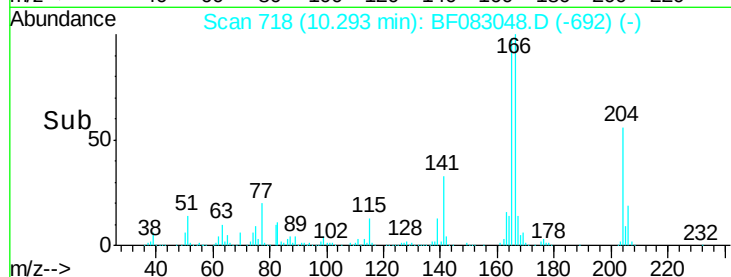
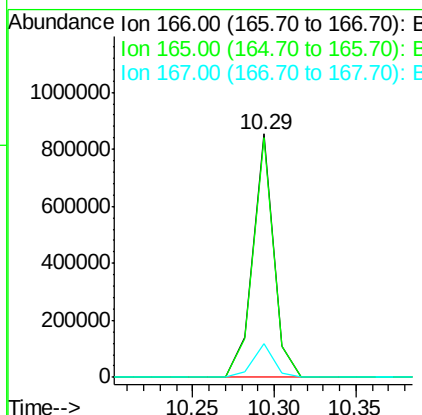
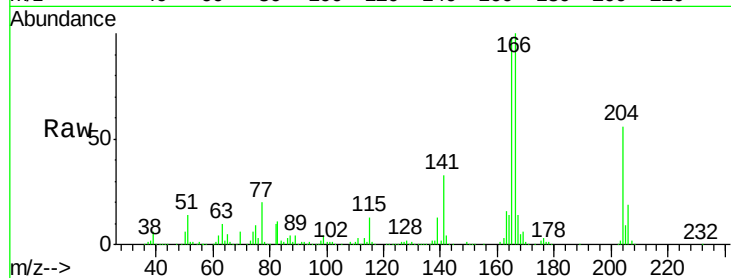




#57
 Fluorene
 Concen: 34.99 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

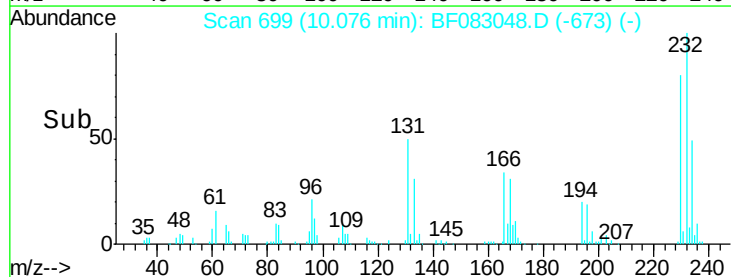
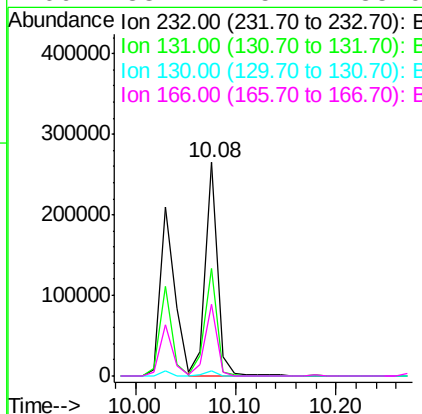
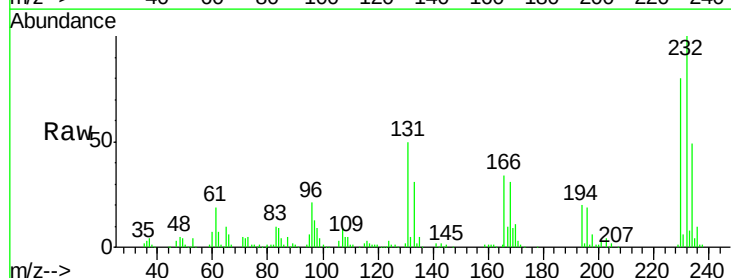
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

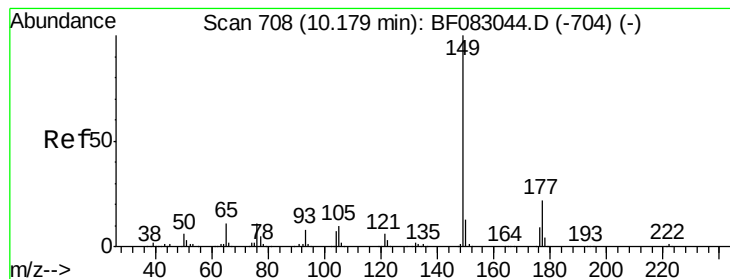
Tgt Ion:166 Resp: 761183
 Ion Ratio Lower Upper
 166 100
 165 98.2 77.1 115.7
 167 13.8 11.0 16.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.92 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:232 Resp: 223055
 Ion Ratio Lower Upper
 232 100
 131 51.0 36.5 54.7
 130 2.3 1.8 2.6
 166 33.7 25.4 38.0





#59

Diethylphthalate

Concen: 36.59 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

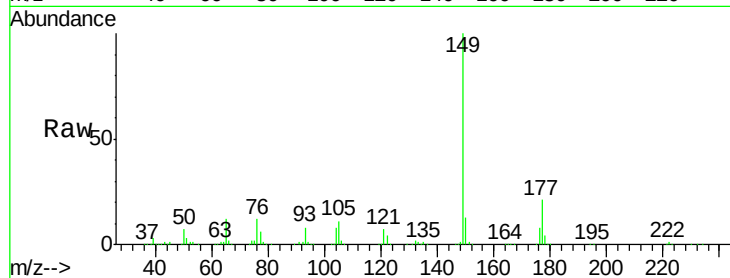
Tgt Ion:149 Resp: 850864

Ion Ratio Lower Upper

149 100

177 21.0 17.4 26.2

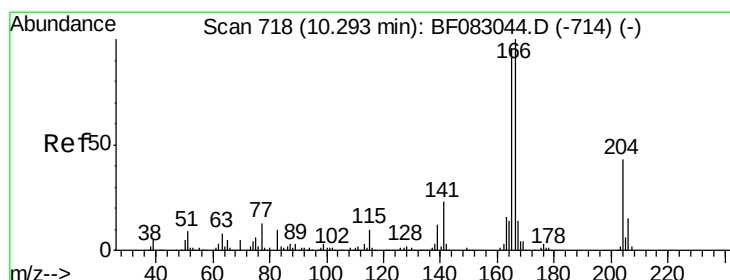
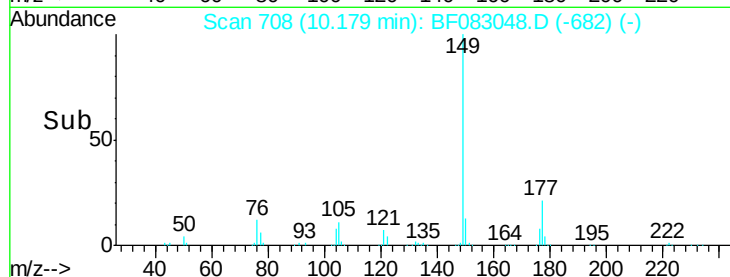
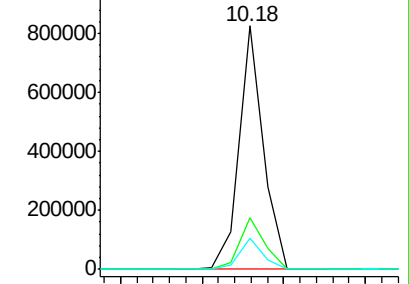
150 13.0 10.2 15.2



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: 41.09 ng

RT: 10.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

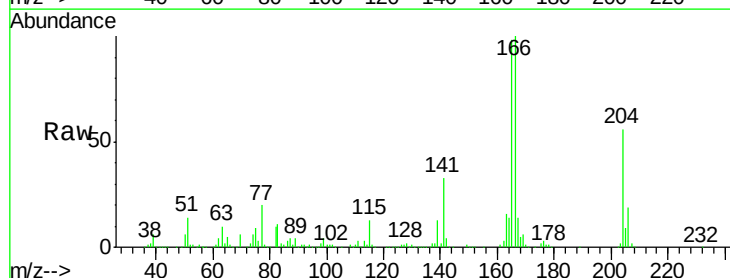
Tgt Ion:204 Resp: 418620

Ion Ratio Lower Upper

204 100

206 34.5 28.2 42.4

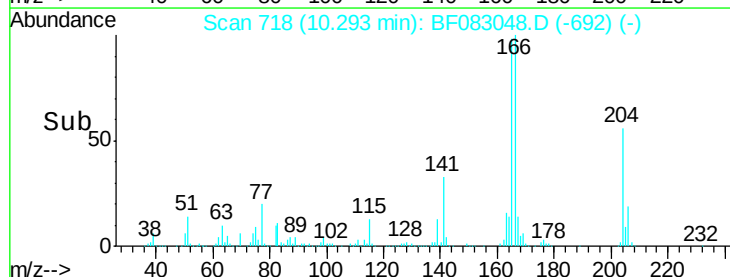
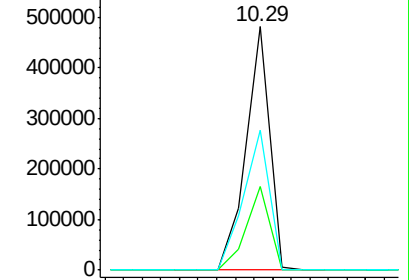
141 57.7 41.8 62.8

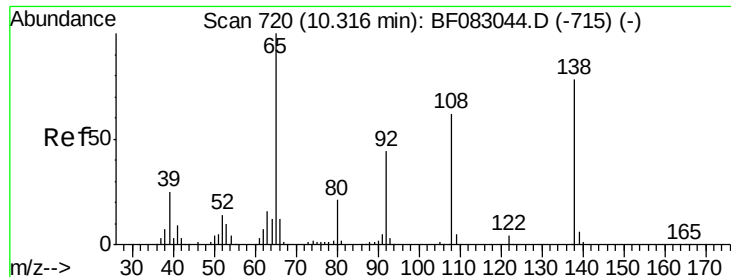


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 37.87 ng

RT: 10.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

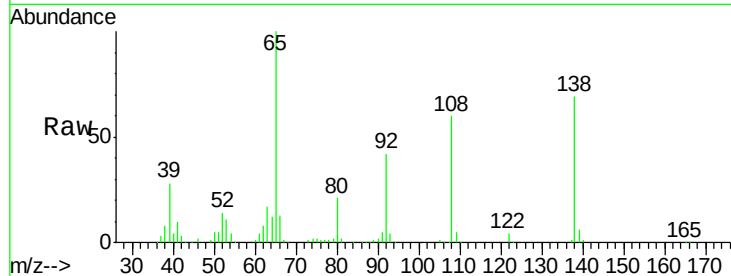
Tgt Ion:138 Resp: 226816

Ion Ratio Lower Upper

138 100

92 61.0 36.4 76.4

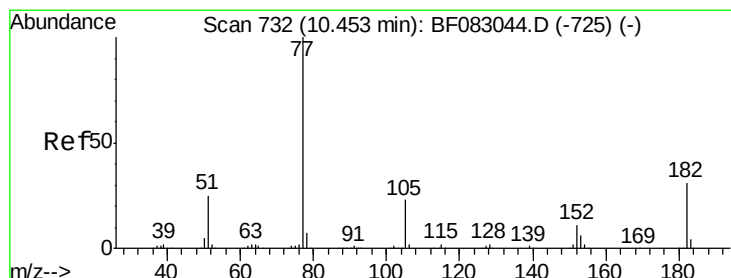
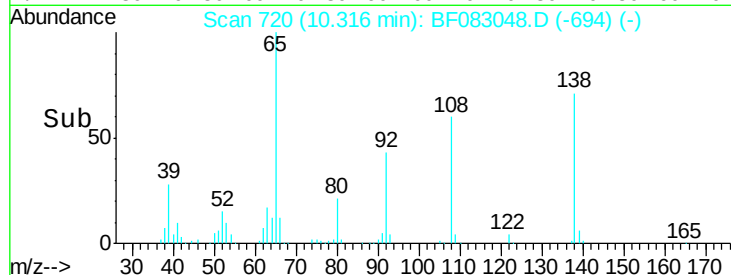
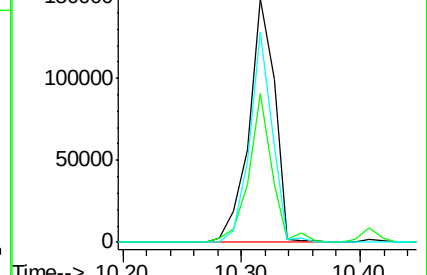
108 86.3 59.6 99.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 40.92 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Tgt Ion: 77 Resp: 1065777

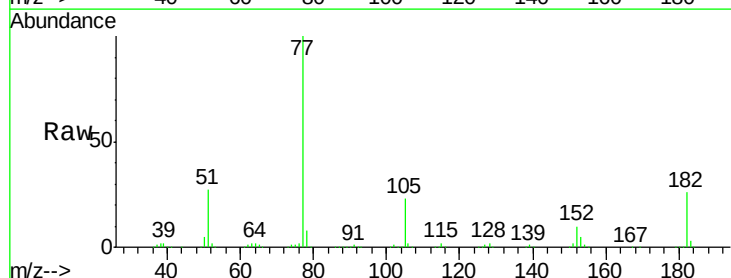
Ion Ratio Lower Upper

77 100

182 26.1 10.8 50.8

105 23.0 3.4 43.4

51 26.9 4.7 44.7

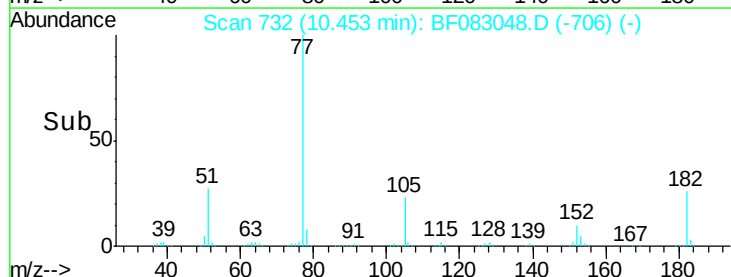
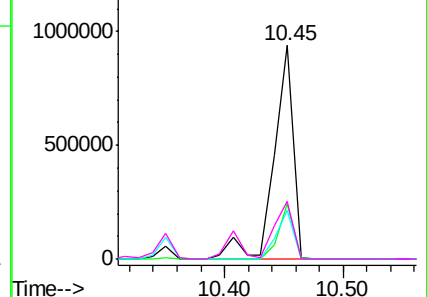


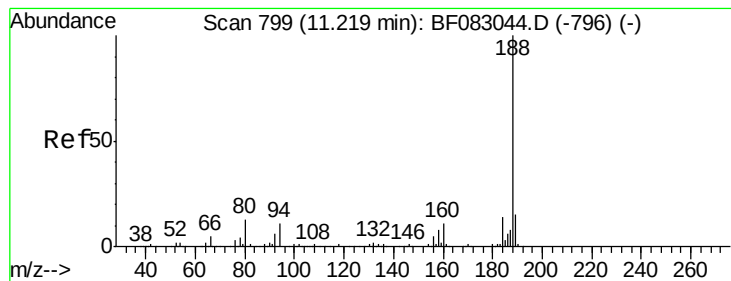
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

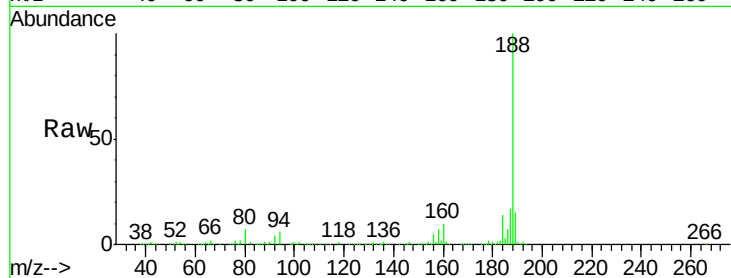
Tgt Ion:188 Resp: 579068

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.4#

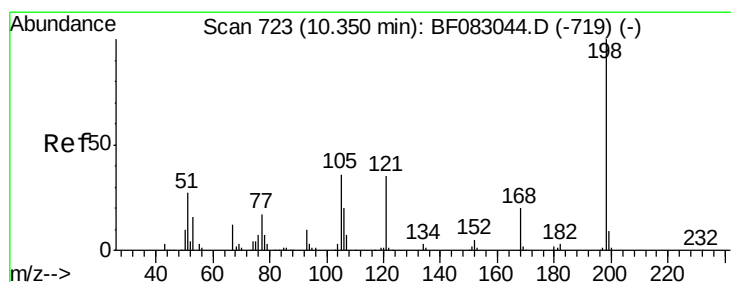
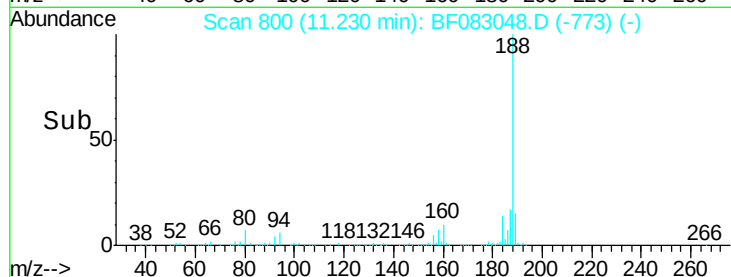
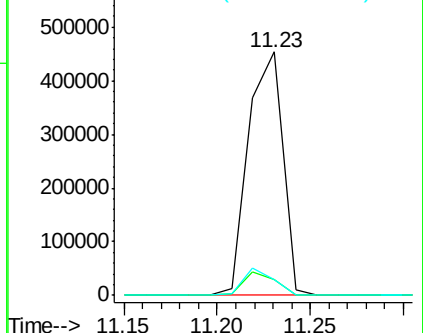
80 6.7 10.2 15.4#



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: 40.12 ng

RT: 10.35 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

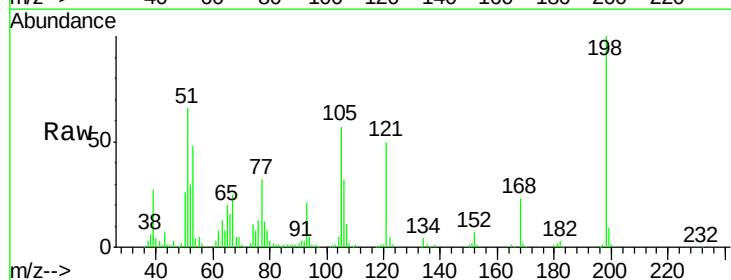
Tgt Ion:198 Resp: 148127

Ion Ratio Lower Upper

198 100

51 65.8 11.1 51.1#

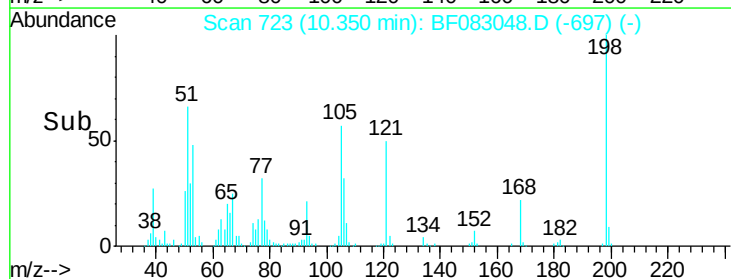
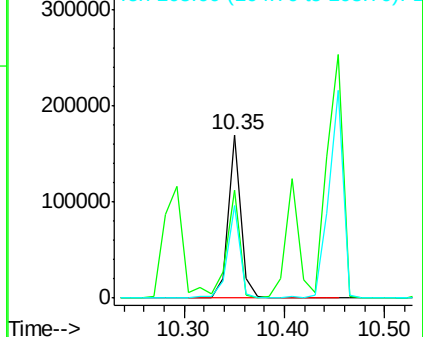
105 56.6 16.5 56.5#

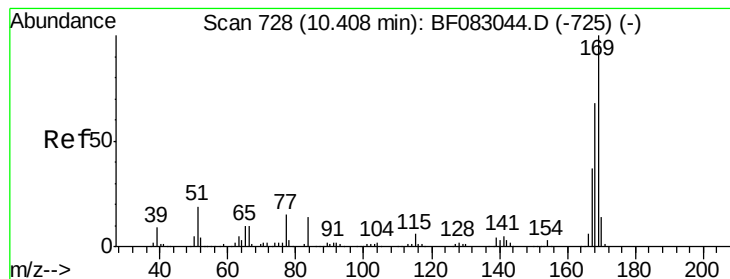


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 34.40 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

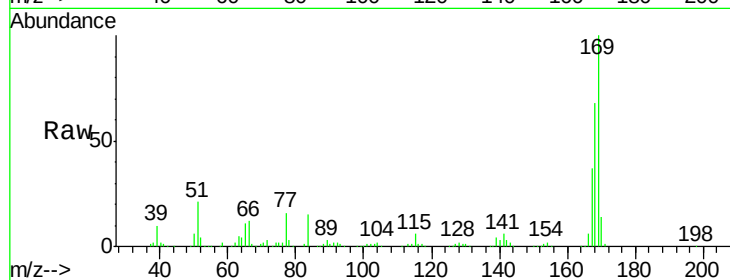
Tgt Ion:169 Resp: 698055

Ion Ratio Lower Upper

169 100

168 67.9 54.2 81.2

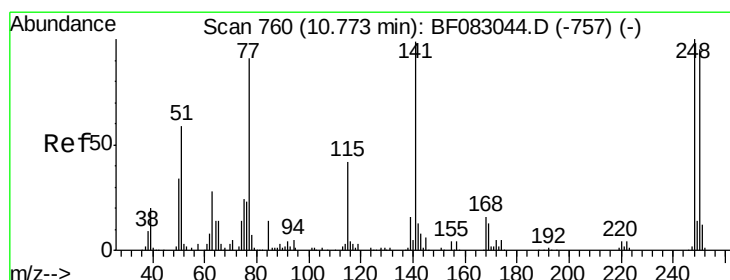
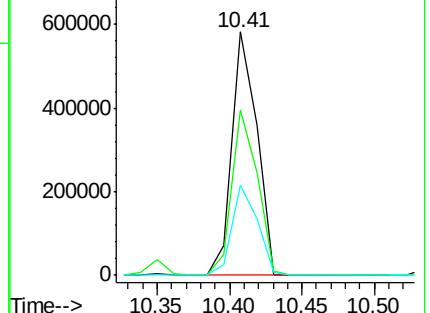
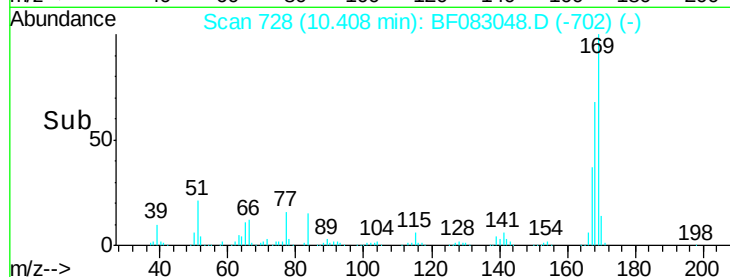
167 36.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 34.53 ng

RT: 10.77 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

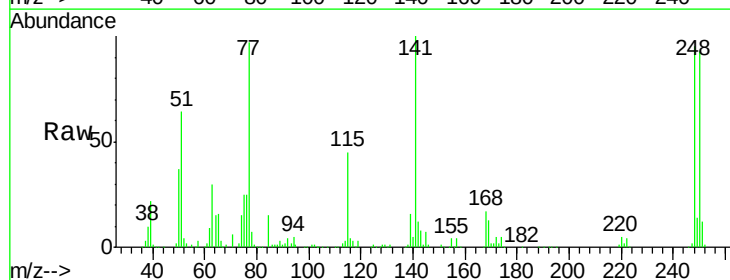
Tgt Ion:248 Resp: 231581

Ion Ratio Lower Upper

248 100

250 98.6 76.1 114.1

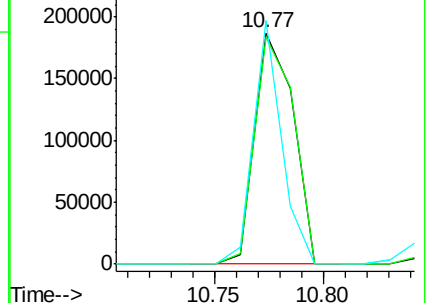
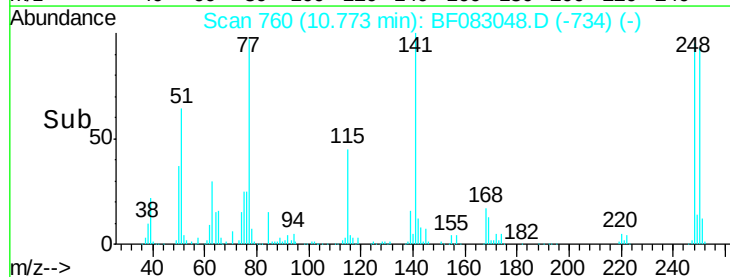
141 105.4 79.2 118.8

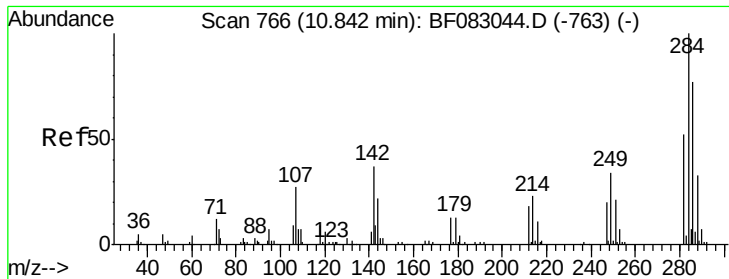


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.25 ng

RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

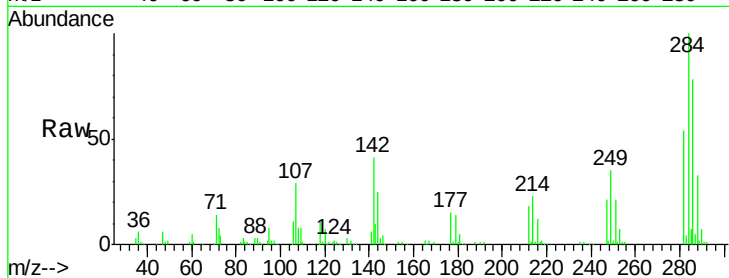
Tgt Ion:284 Resp: 251267

Ion Ratio Lower Upper

284 100

142 41.0 29.5 44.3

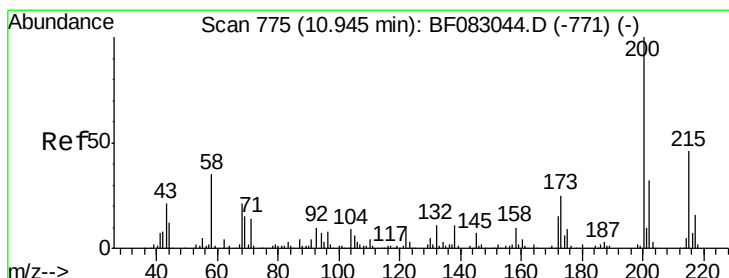
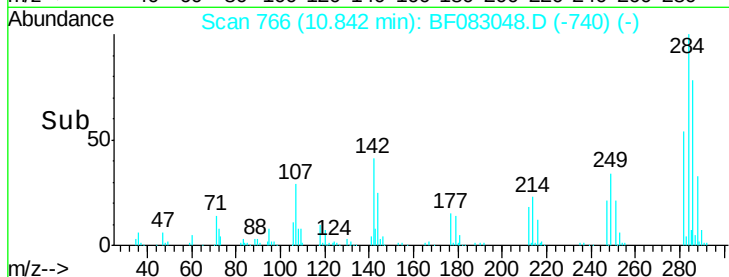
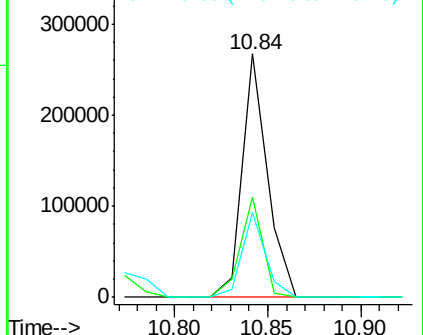
249 34.6 27.2 40.8



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: 38.11 ng

RT: 10.94 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

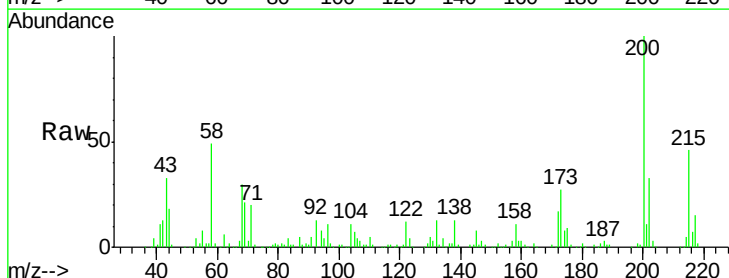
Tgt Ion:200 Resp: 242268

Ion Ratio Lower Upper

200 100

173 26.5 4.9 44.9

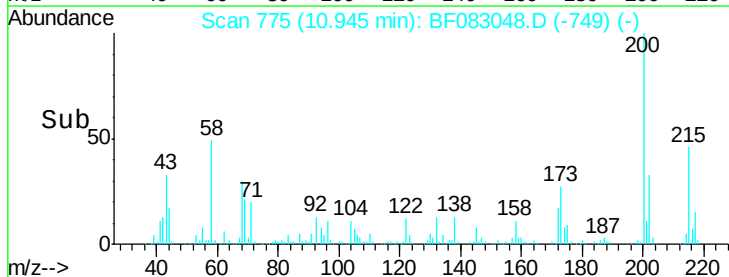
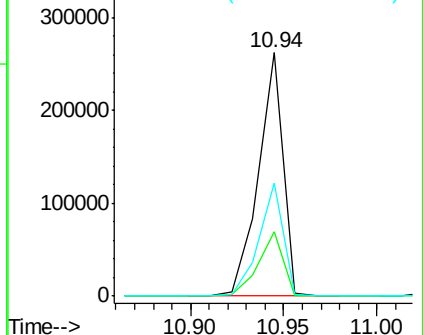
215 46.3 25.5 65.5

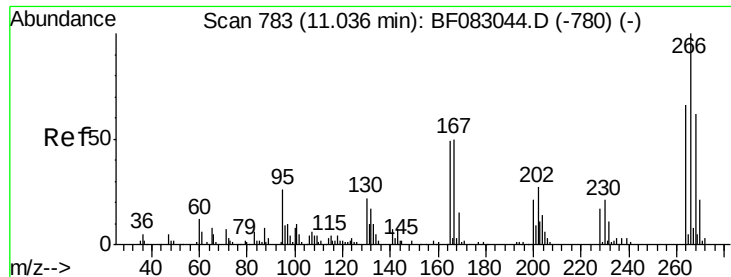


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

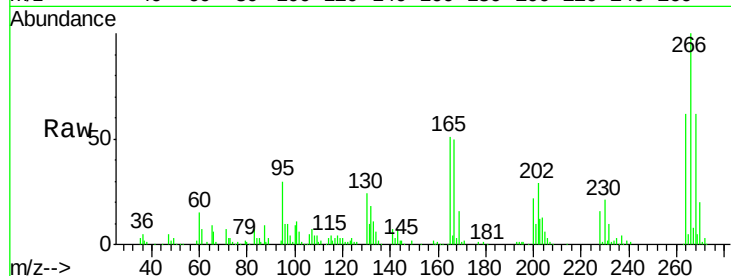




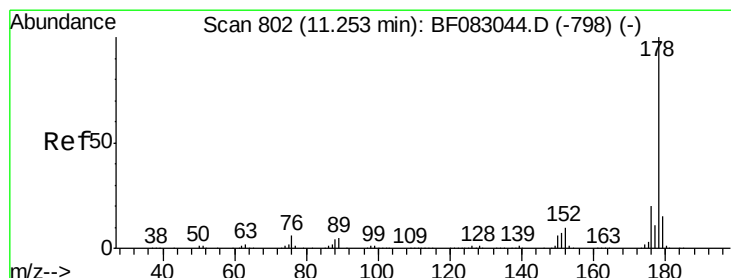
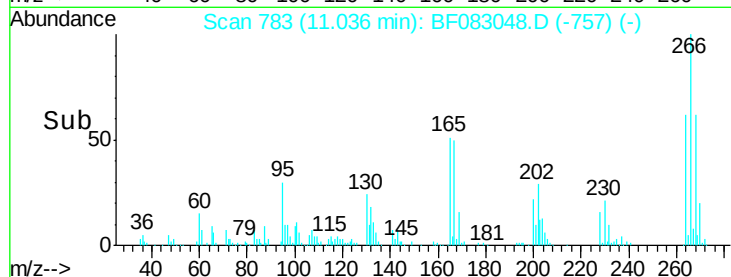
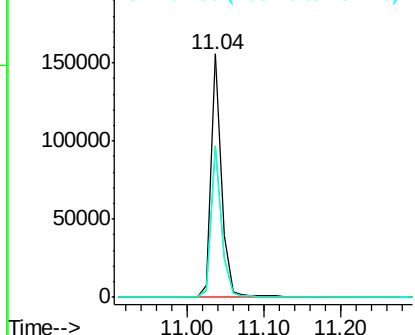
#69
 Pentachlorophenol
 Concen: 39.19 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:266 Resp: 146706
 Ion Ratio Lower Upper
 266 100
 268 62.3 49.6 74.4
 264 61.9 52.7 79.1

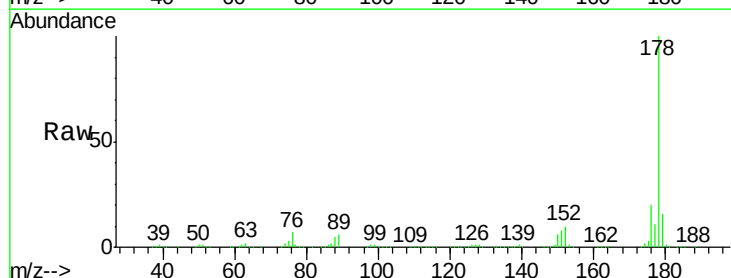


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

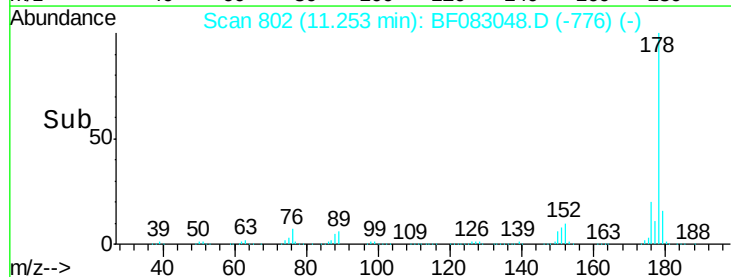
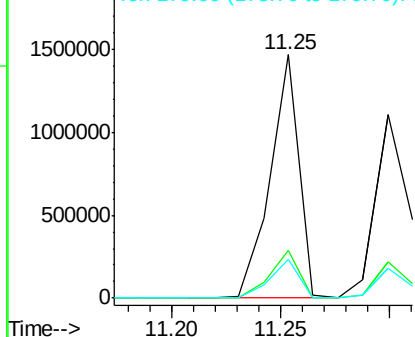


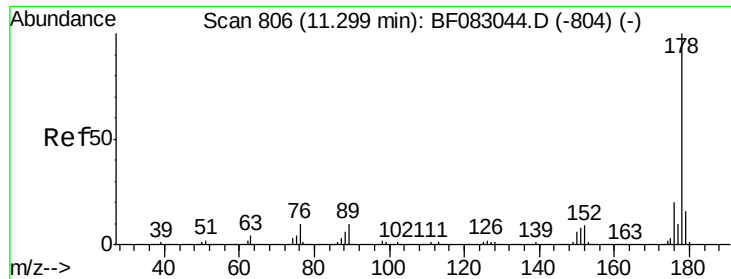
#70
 Phenanthrene
 Concen: 38.93 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:178 Resp: 1360127
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.6 23.4
 179 15.8 12.3 18.5



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

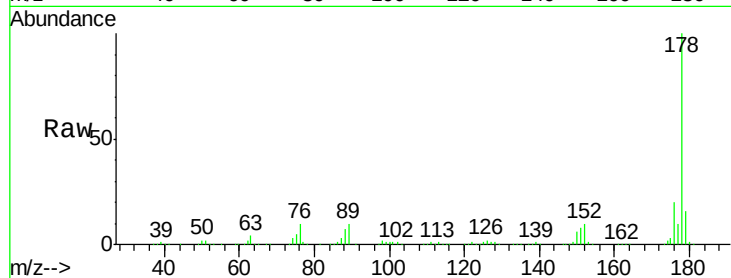




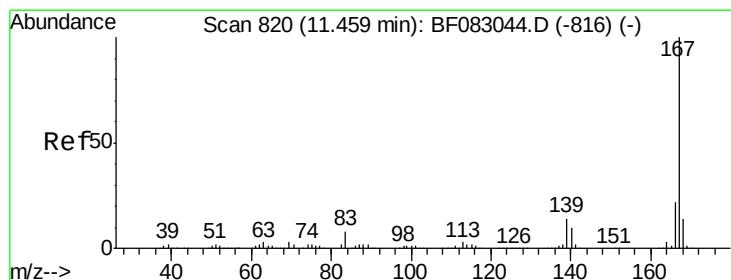
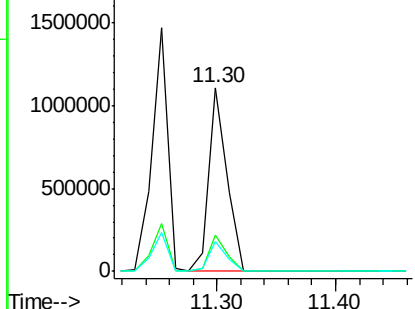
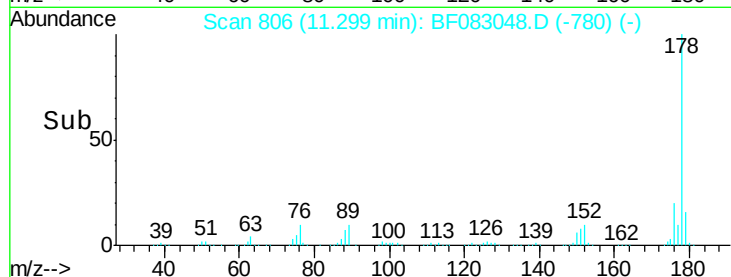
#71
 Anthracene
 Concen: 33.09 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

Tgt Ion:178 Resp: 1164458
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.6
 179 16.2 13.1 19.7

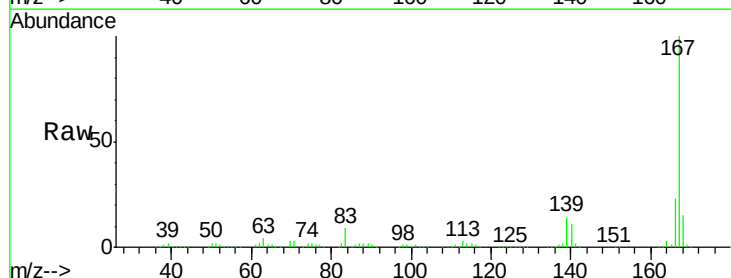


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

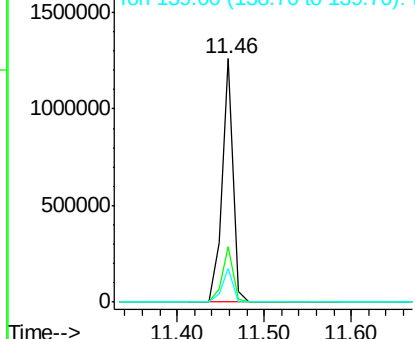
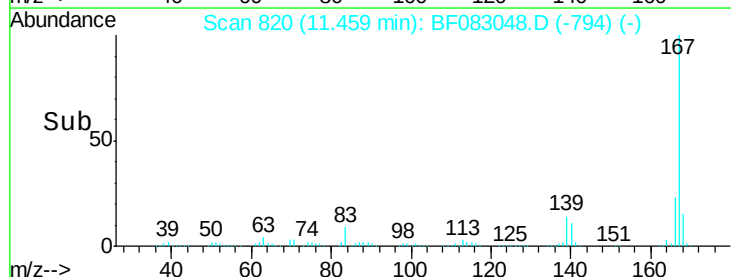


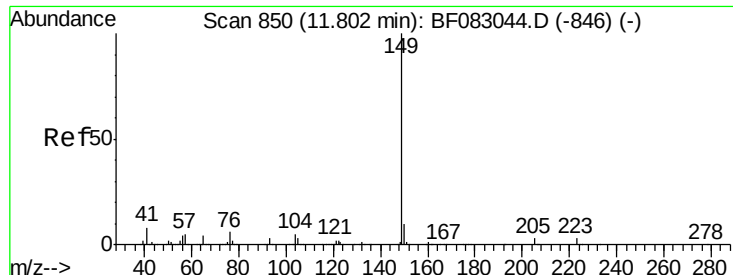
#72
 Carbazole
 Concen: 36.52 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion:167 Resp: 1123587
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 14.0 11.0 16.4



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

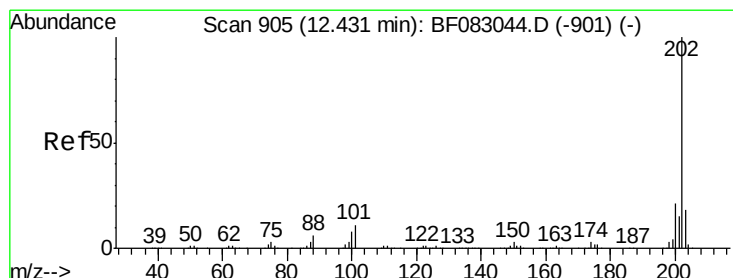
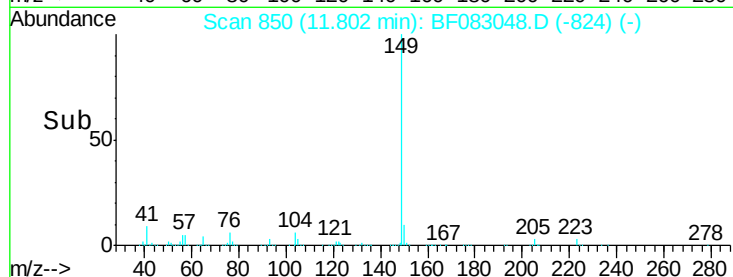
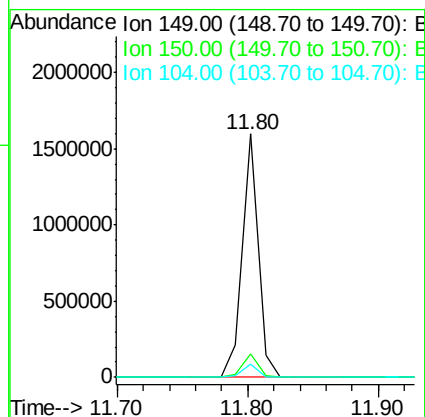
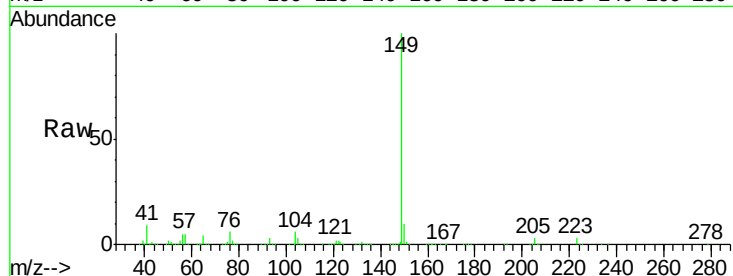




#73
Di-n-butylphthalate
Concen: 34.63 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

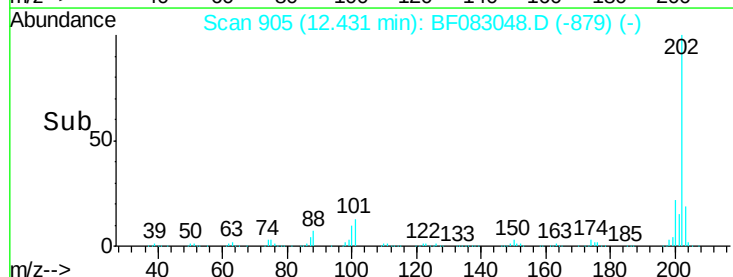
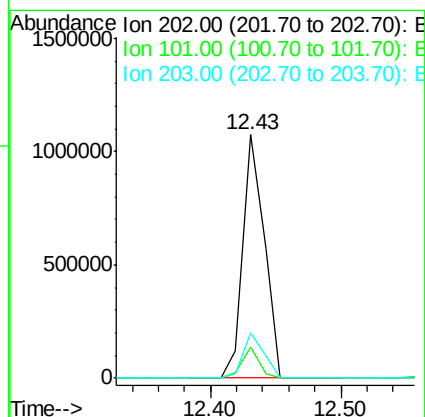
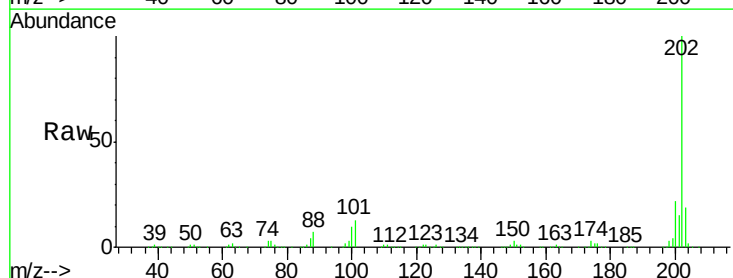
Instrument :
BNA_F
ClientSampleId :
ICVBF111915

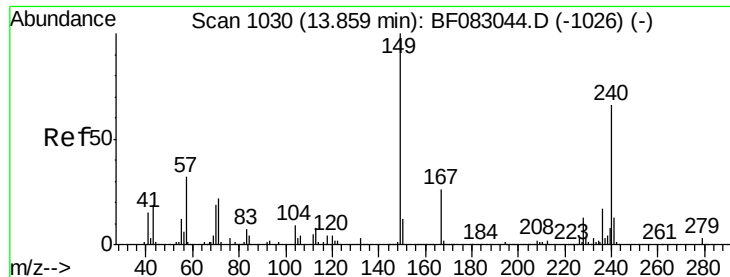
Tgt Ion:149 Resp: 1343636
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.8
104 5.6 4.3 6.5



#74
Fluoranthene
Concen: 33.48 ng
RT: 12.43 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:202 Resp: 1218910
Ion Ratio Lower Upper
202 100
101 12.6 0.0 31.1
203 18.7 0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

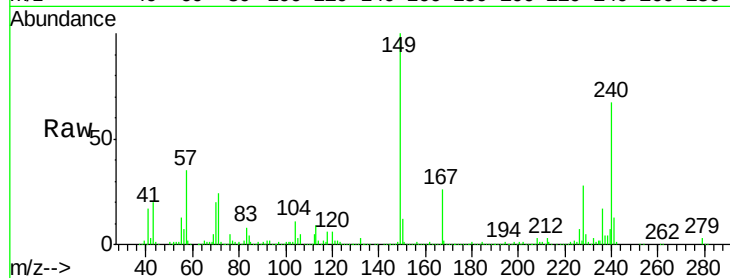
Tgt Ion:240 Resp: 488325

Ion Ratio Lower Upper

240 100

120 9.4 5.3 7.9#

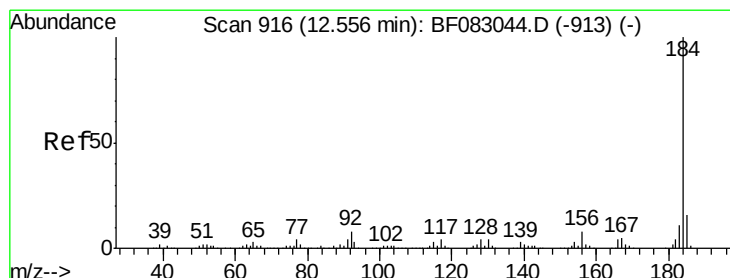
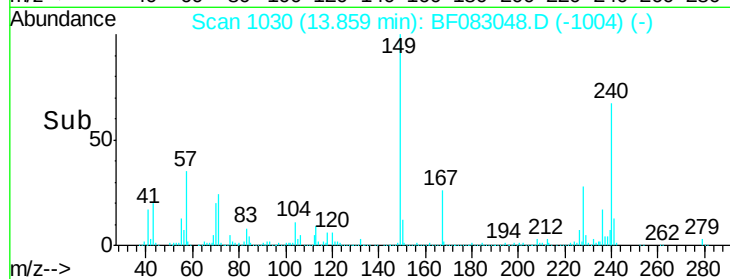
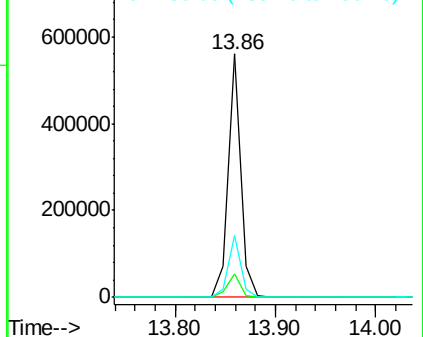
236 25.5 20.4 30.6



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: 35.72 ng

RT: 12.56 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

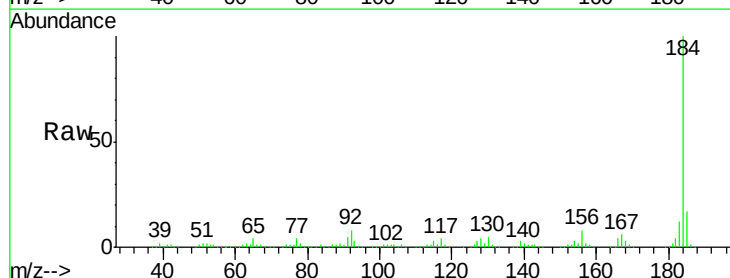
Tgt Ion:184 Resp: 570734

Ion Ratio Lower Upper

184 100

185 16.8 12.6 19.0

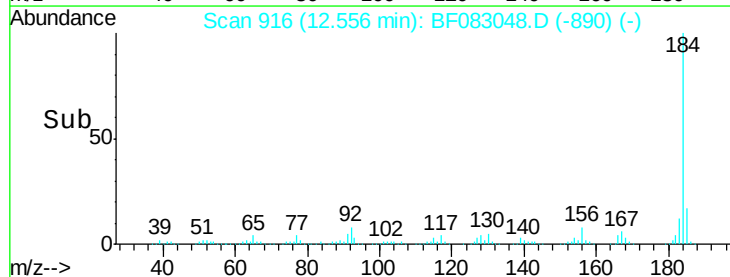
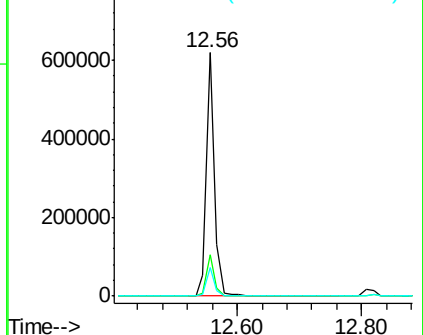
183 11.8 9.0 13.4

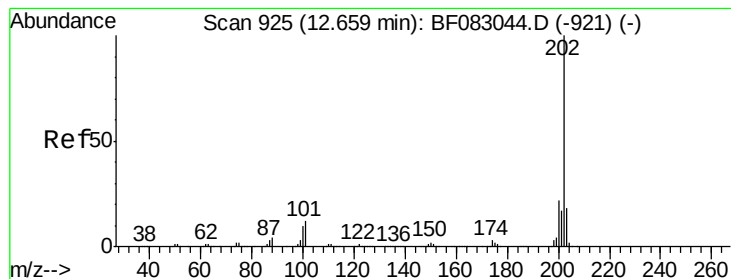


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 34.92 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

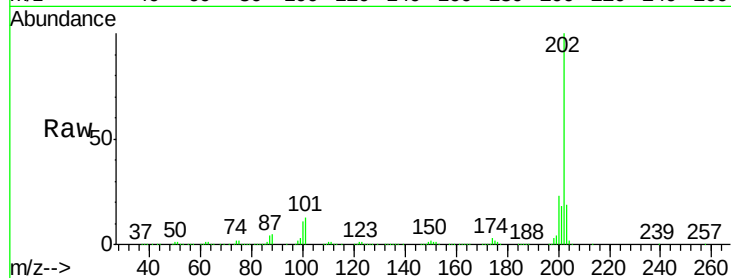
Tgt Ion:202 Resp: 1200527

Ion Ratio Lower Upper

202 100

200 22.5 17.6 26.4

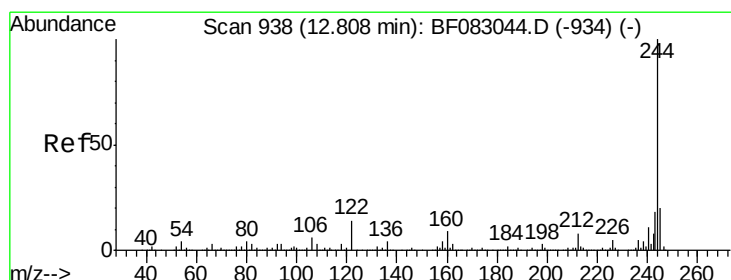
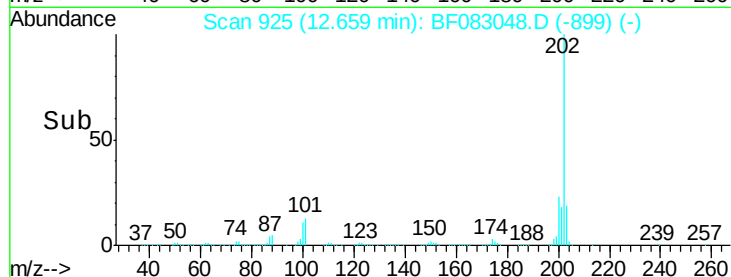
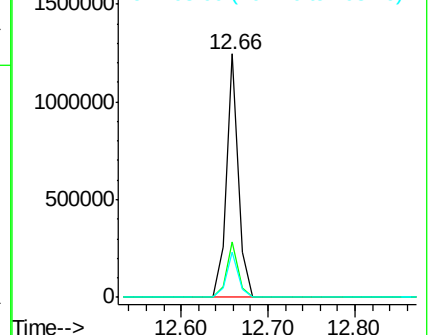
203 18.7 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.68 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

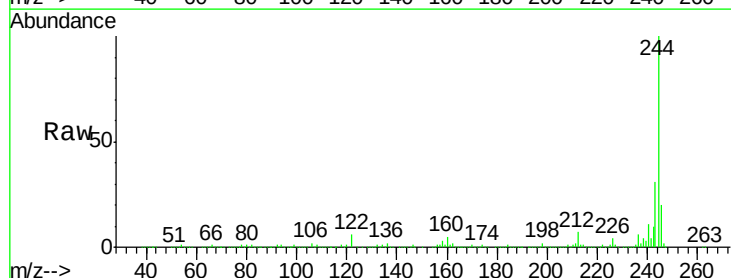
Tgt Ion:244 Resp: 1668789

Ion Ratio Lower Upper

244 100

212 7.1 6.4 9.6

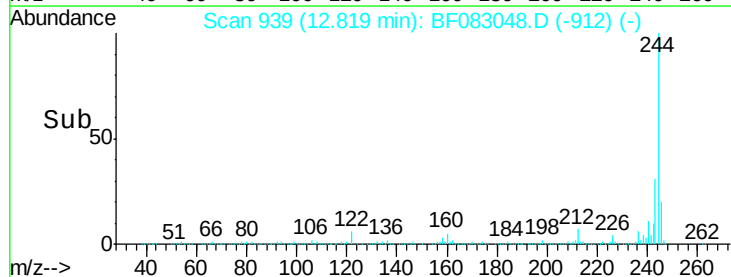
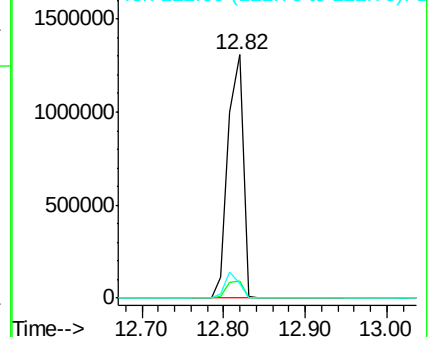
122 5.7 10.9 16.3#

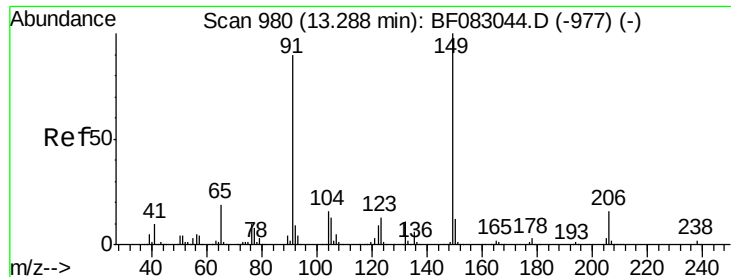


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.84 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

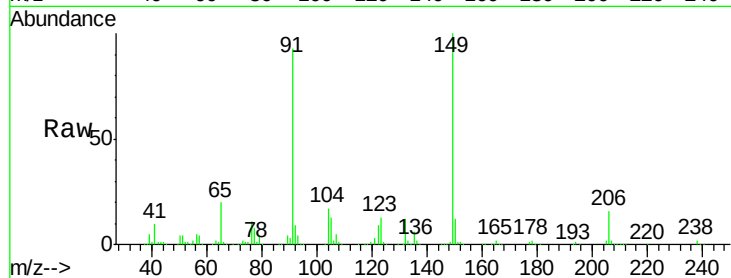
Tgt Ion:149 Resp: 574838

Ion Ratio Lower Upper

149 100

91 93.1 71.9 107.9

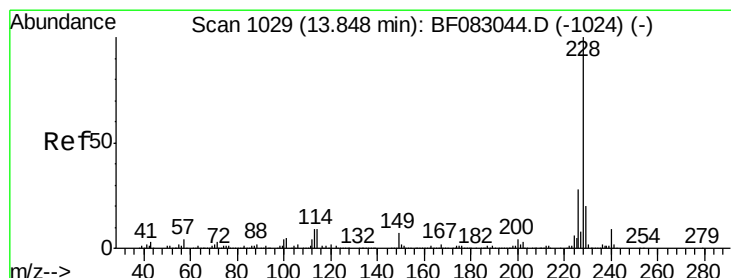
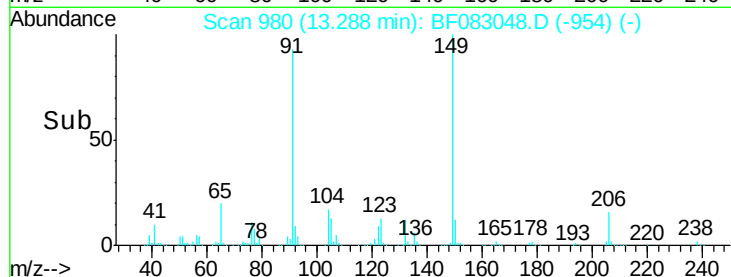
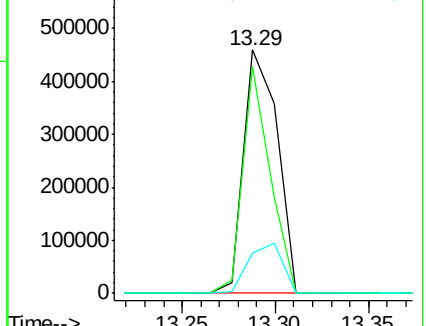
206 16.4 13.1 19.7



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: 38.96 ng

RT: 13.85 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

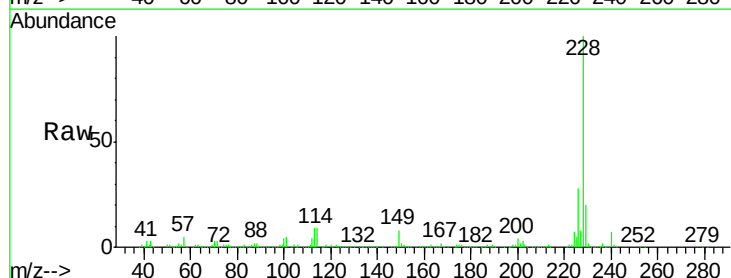
Tgt Ion:228 Resp: 1209177

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

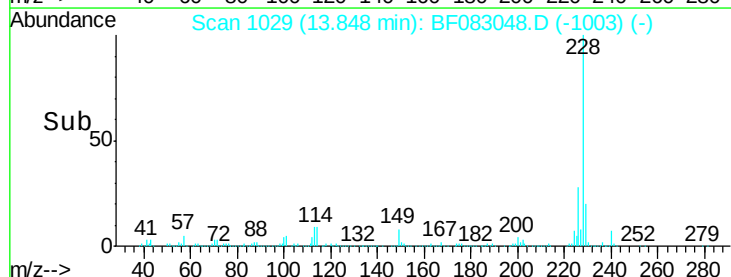
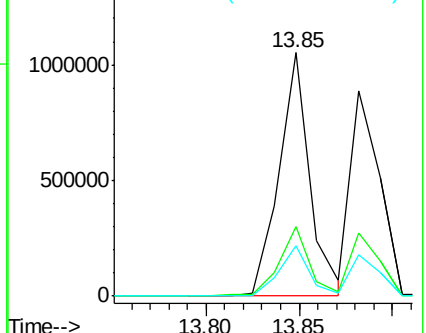
229 20.4 16.1 24.1

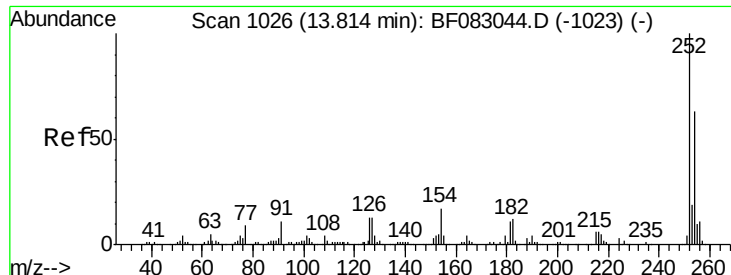


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

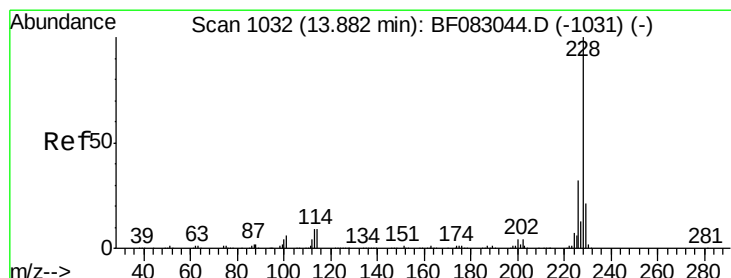
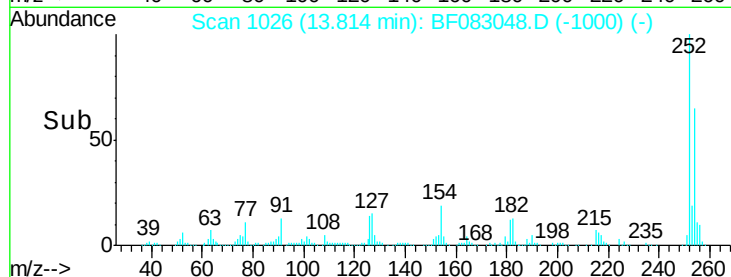
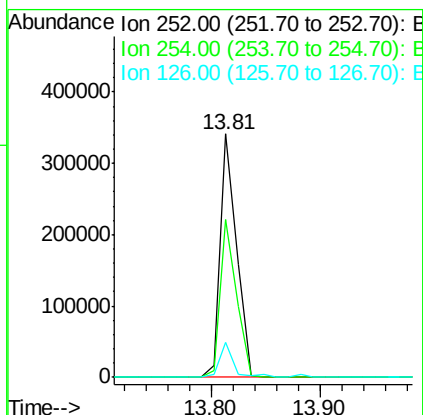
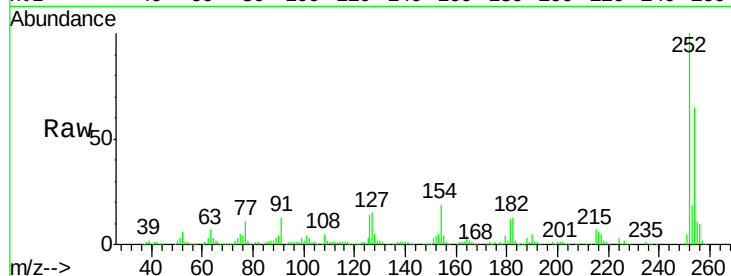




#81
 3,3'-Dichlorobenzidine
 Concen: 34.24 ng
 RT: 13.81 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

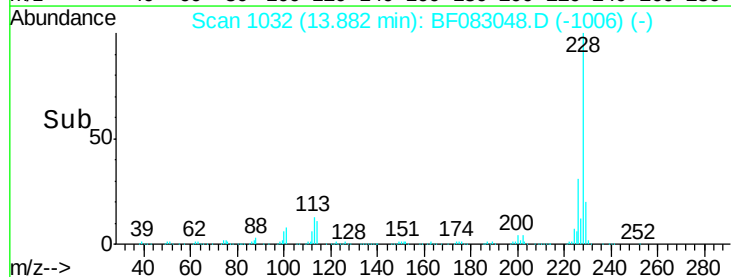
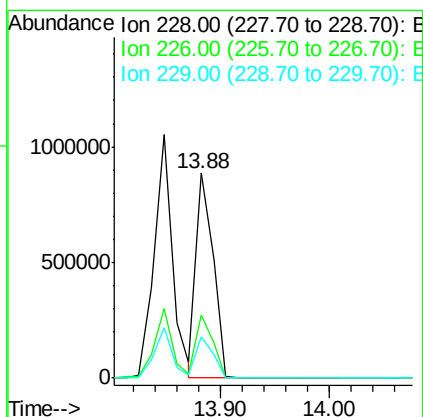
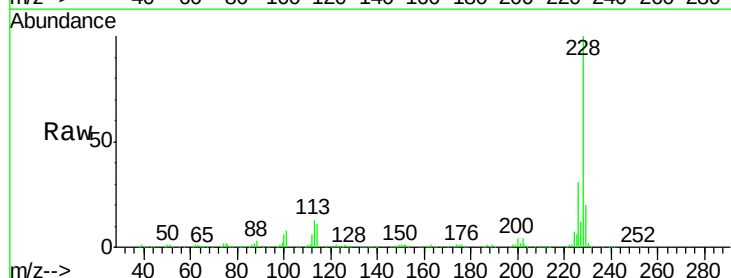
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

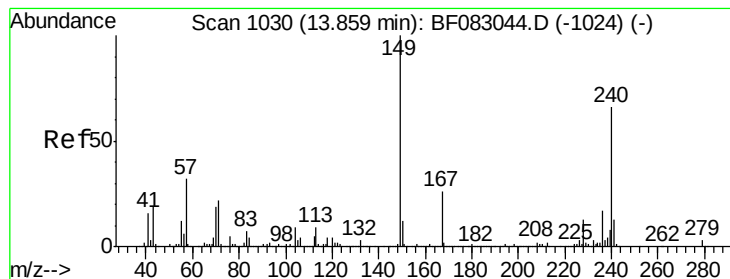
Tgt Ion: 252 Resp: 357715
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.6 76.0
 126 14.2 10.2 15.4



#82
 Chrysene
 Concen: 34.02 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion: 228 Resp: 967977
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.3 37.9
 229 20.4 16.4 24.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.41 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

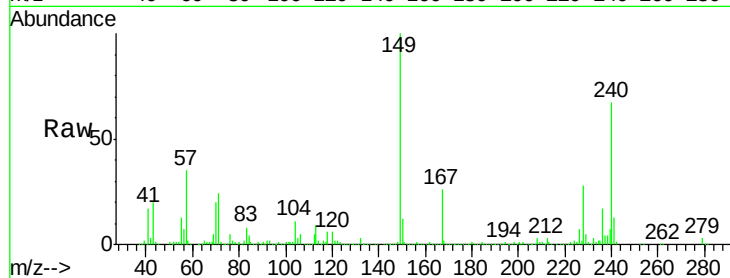
Tgt Ion:149 Resp: 743030

Ion Ratio Lower Upper

149 100

167 25.8 20.9 31.3

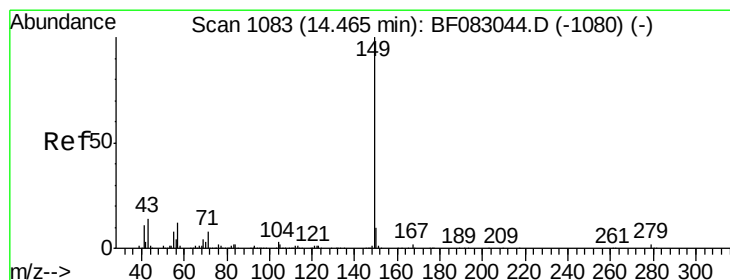
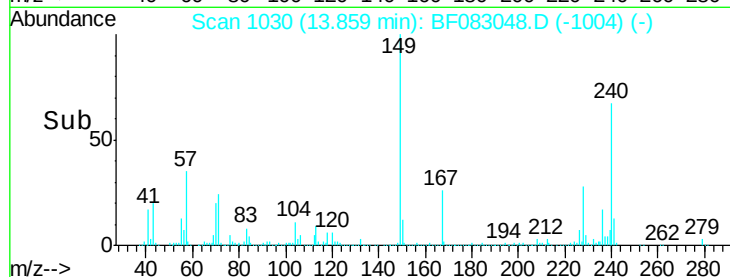
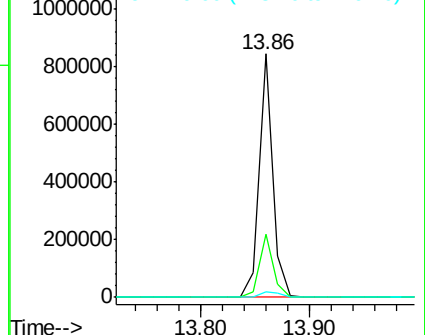
279 2.5 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.87 ng

RT: 14.47 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

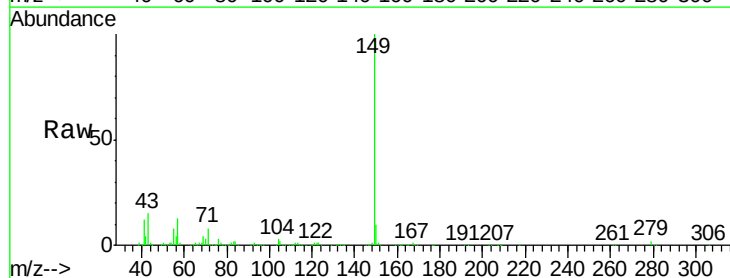
Tgt Ion:149 Resp: 1257966

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

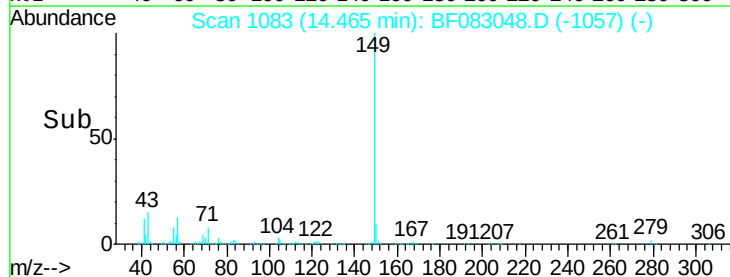
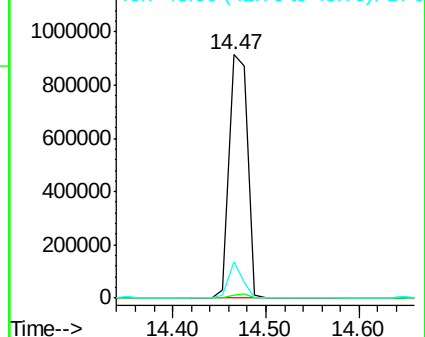
43 11.2 8.8 13.2

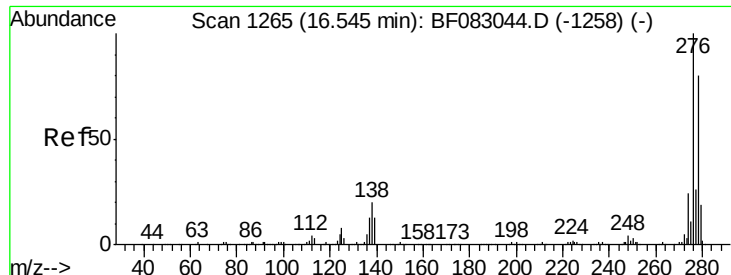


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

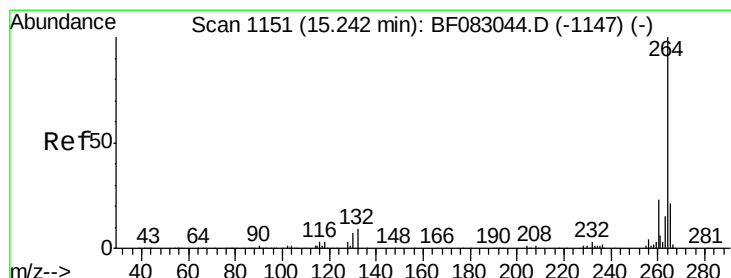
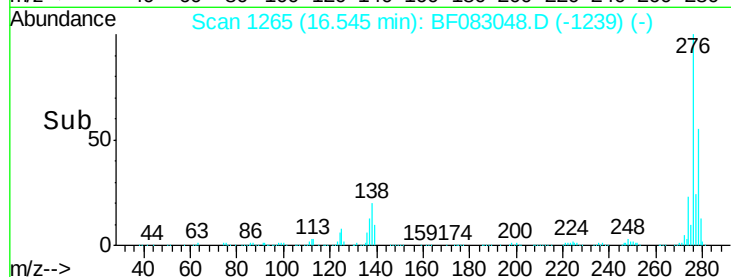
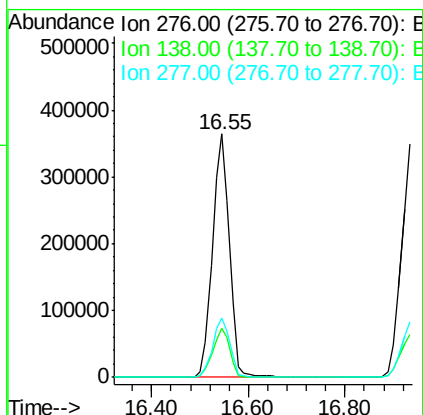
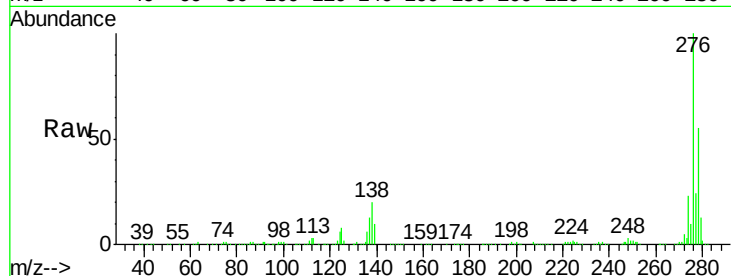




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.86 ng
 RT: 16.55 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

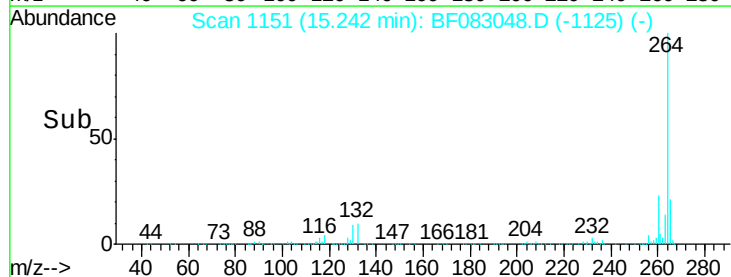
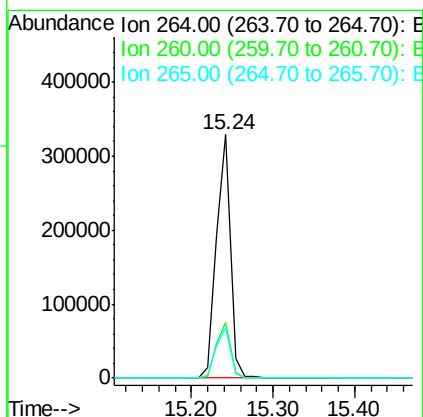
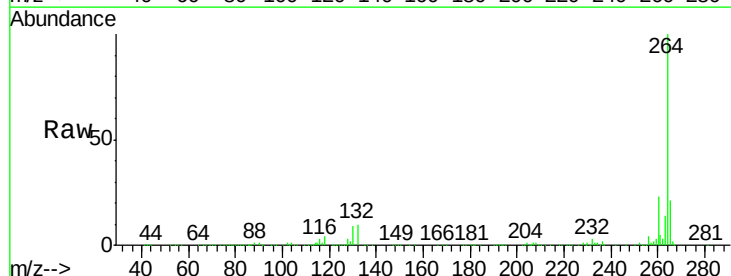
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF111915

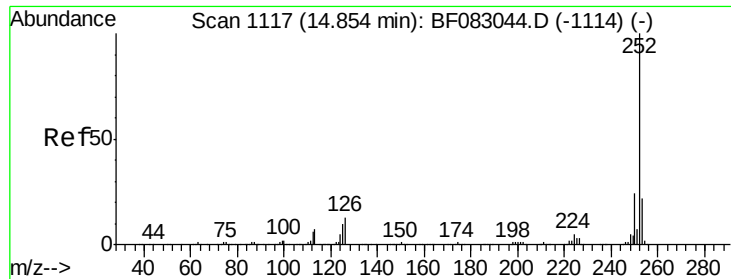
Tgt Ion: 276 Resp: 899638
 Ion Ratio Lower Upper
 276 100
 138 20.4 16.3 24.5
 277 24.9 19.8 29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.24 min Scan# 1151
 Delta R.T. 0.00 min
 Lab File: BF083048.D
 Acq: 19 Nov 2015 20:38

Tgt Ion: 264 Resp: 394486
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 27.8
 265 20.5 17.0 25.6

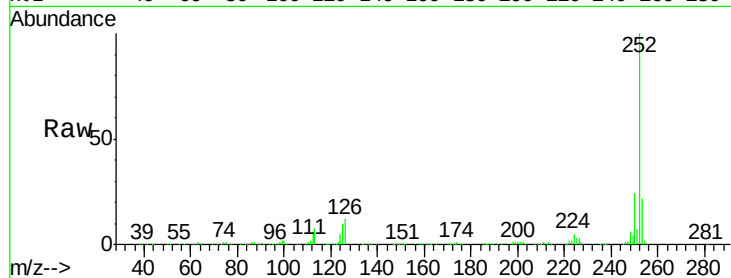




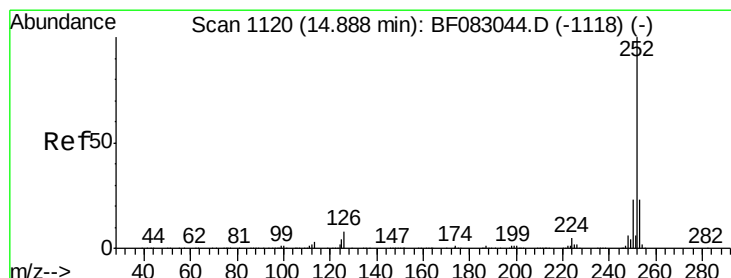
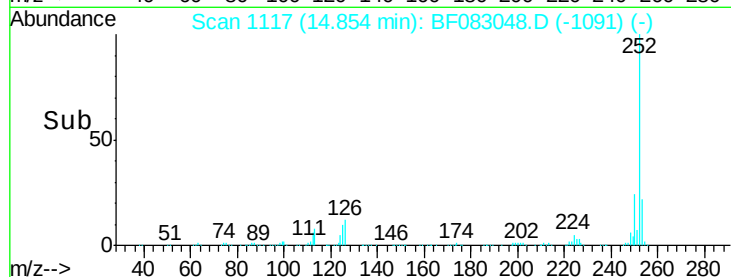
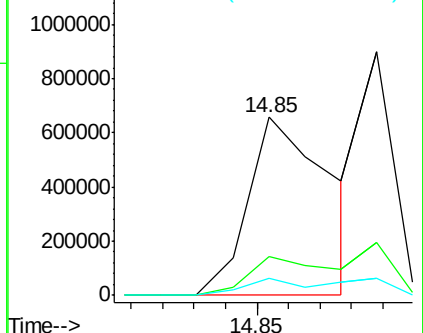
#87
Benzo(b)fluoranthene
Concen: 42.93 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Instrument :
BNA_F
ClientSampleId :
ICVBF111915

Tgt Ion:252 Resp: 1184230
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 7.7 11.5

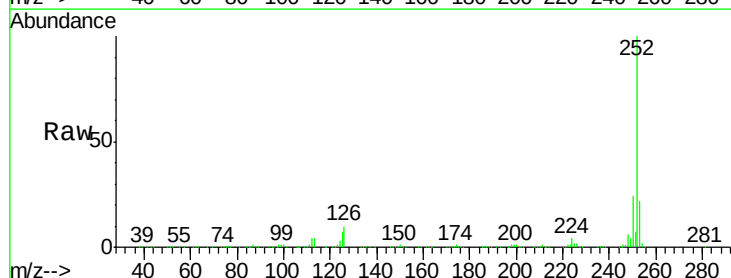


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

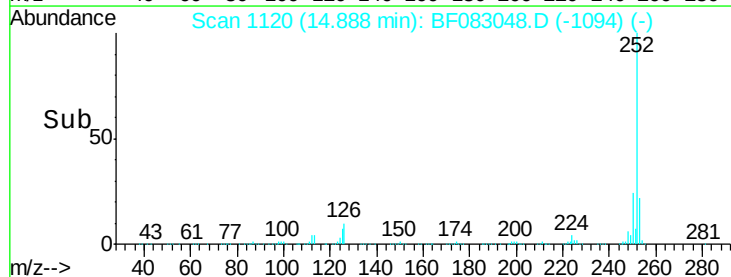
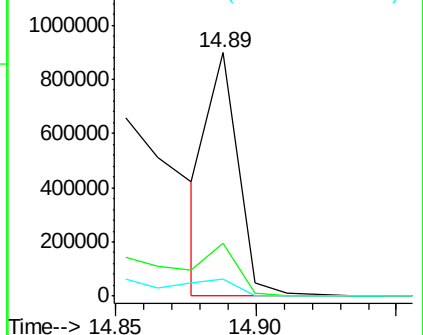


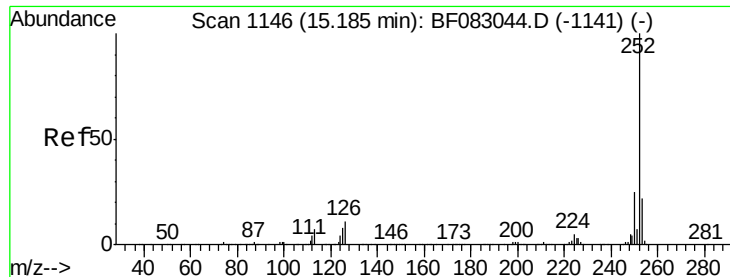
#88
Benzo(k)fluoranthene
Concen: 31.47 ng m
RT: 14.89 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF083048.D
Acq: 19 Nov 2015 20:38

Tgt Ion:252 Resp: 661316
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 7.0 3.8 5.6#



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: 36.78 ng

RT: 15.19 min Scan# 1146

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

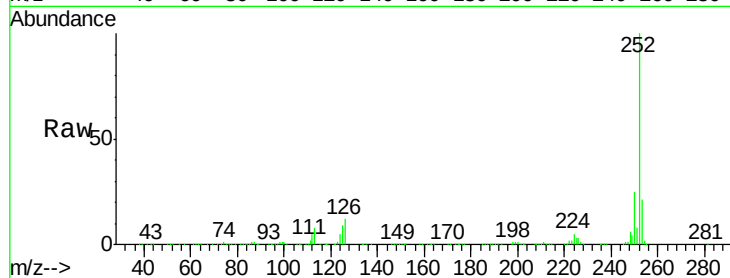
Tgt Ion:252 Resp: 814173

Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

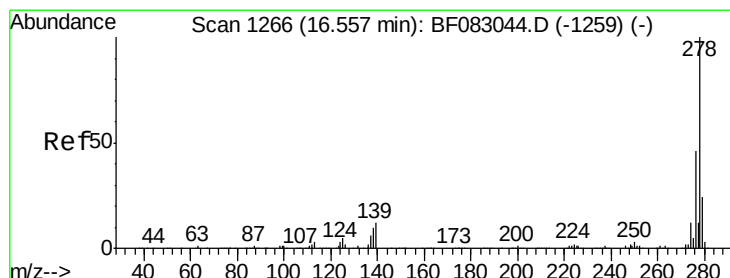
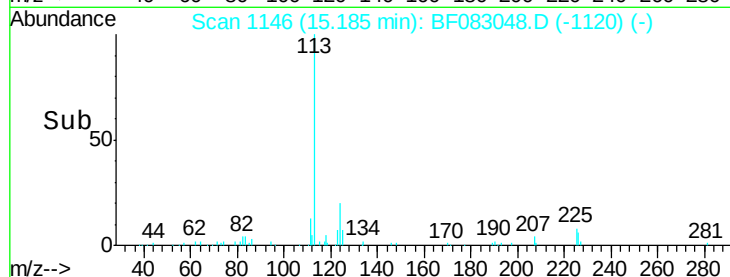
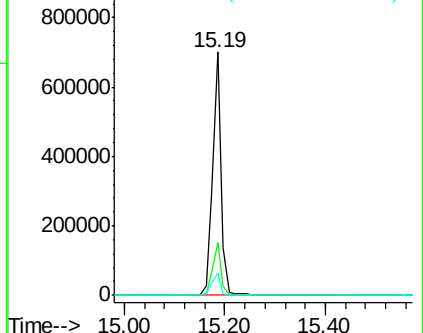
125 9.1 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.78 ng

RT: 16.56 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

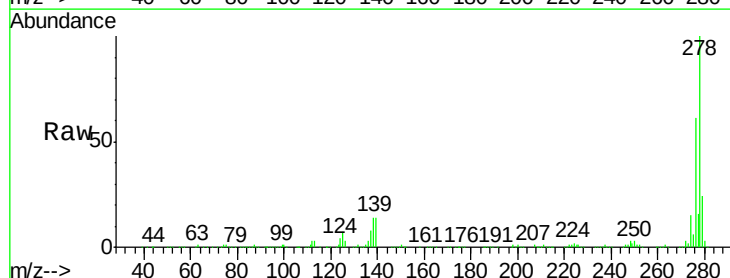
Tgt Ion:278 Resp: 747058

Ion Ratio Lower Upper

278 100

139 14.2 9.8 14.8

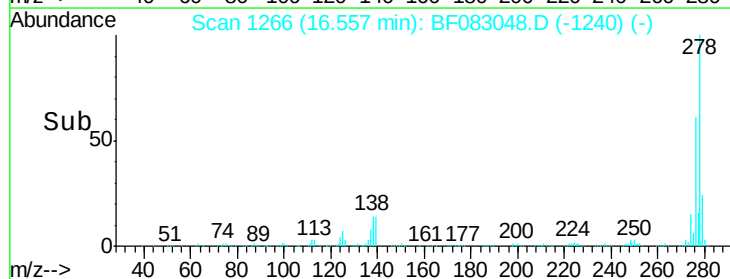
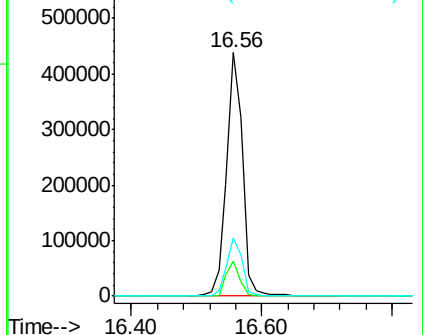
279 23.8 19.6 29.4

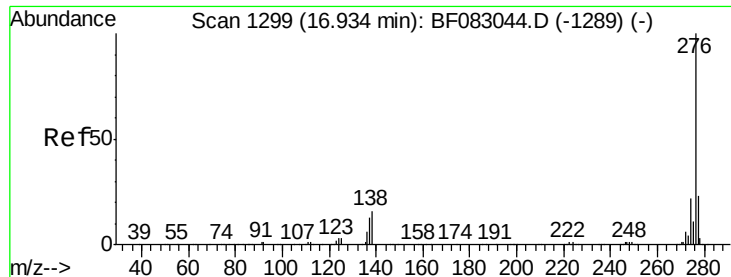


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.90 ng

RT: 16.93 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF083048.D

Acq: 19 Nov 2015 20:38

Instrument :

BNA_F

ClientSampleId :

ICVBF111915

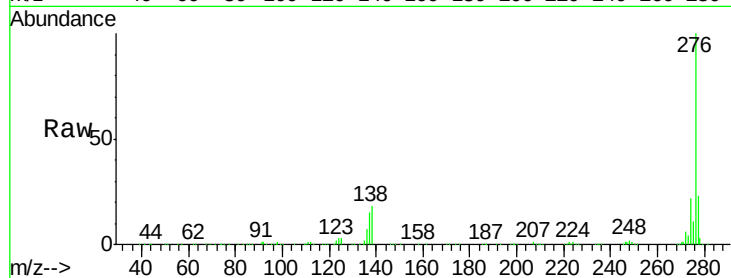
Tgt Ion: 276 Resp: 730918

Ion Ratio Lower Upper

276 100

277 23.5 18.6 27.8

138 18.0 12.5 18.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

