

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081849.D
 Acq On : 28 Sep 2015 18:11
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Quant Time: Sep 28 18:56:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	111159	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	431381	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	212884	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	384675	20.00	ng	0.00
75) Chrysene-d12	14.12	240	359806	20.00	ng	0.00
86) Perylene-d12	15.58	264	304670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	471700	77.03	ng	0.00
7) Phenol-d6	6.56	99	592518	76.90	ng	0.00
23) Nitrobenzene-d5	7.50	82	496476	76.72	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	162237	75.25	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1034113	80.44	ng	0.00
78) Terphenyl-d14	13.05	244	879279	76.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	103193	38.75	ng	84
3) Pyridine	3.29	79	265862	38.35	ng	85
4) n-Nitrosodimethylamine	3.25	42	119813	38.05	ng	93
6) Aniline	6.59	93	396108	38.26	ng	# 86
8) 2-Chlorophenol	6.71	128	254279	37.60	ng	# 81
9) Benzaldehyde	6.48	77	191244	37.90	ng	# 82
10) Phenol	6.57	94	343696	39.76	ng	74
11) bis(2-Chloroethyl)ether	6.66	93	247037	36.85	ng	95
12) 1,3-Dichlorobenzene	7.11	146	260421	32.60	ng	97
13) 1,4-Dichlorobenzene	7.11	146	276245	33.12	ng	97
14) 1,2-Dichlorobenzene	7.11	146	276262	37.17	ng	99
15) Benzyl Alcohol	7.07	79	217855	39.17	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.21	45	357394	37.72	ng	79
17) 2-Methylphenol	7.19	107	209798	38.27	ng	# 87
18) Hexachloroethane	7.44	117	99567	38.13	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	184656	39.43	ng	# 78
20) 3+4-Methylphenols	7.34	107	268644	38.80	ng	# 68
22) Acetophenone	7.35	105	351026	39.80	ng	# 83
24) Nitrobenzene	7.52	77	290947	41.40	ng	# 71
25) Isophorone	7.76	82	507076	39.53	ng	# 94
26) 2-Nitrophenol	7.84	139	139377	41.32	ng	# 80
27) 2,4-Dimethylphenol	7.87	122	239581	40.38	ng	86
28) bis(2-Chloroethoxy)methane	7.97	93	288038	37.82	ng	# 93
29) 2,4-Dichlorophenol	8.08	162	227775	39.59	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	245536	38.22	ng	97
31) Naphthalene	8.24	128	727503	38.06	ng	97
32) Benzoic acid	7.99	122	129222	38.18	ng	# 68
33) 4-Chloroaniline	8.30	127	328583	39.75	ng	# 93
34) Hexachlorobutadiene	8.35	225	145028	38.18	ng	97
35) Caprolactam	8.66	113	63203	39.68	ng	# 82
36) 4-Chloro-3-methylphenol	8.78	107	222982	39.63	ng	94
37) 2-Methylnaphthalene	8.94	142	517927	39.69	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	241843	37.00	ng	99
40) Hexachlorocyclopentadiene	9.09	237	138721	41.22	ng	97

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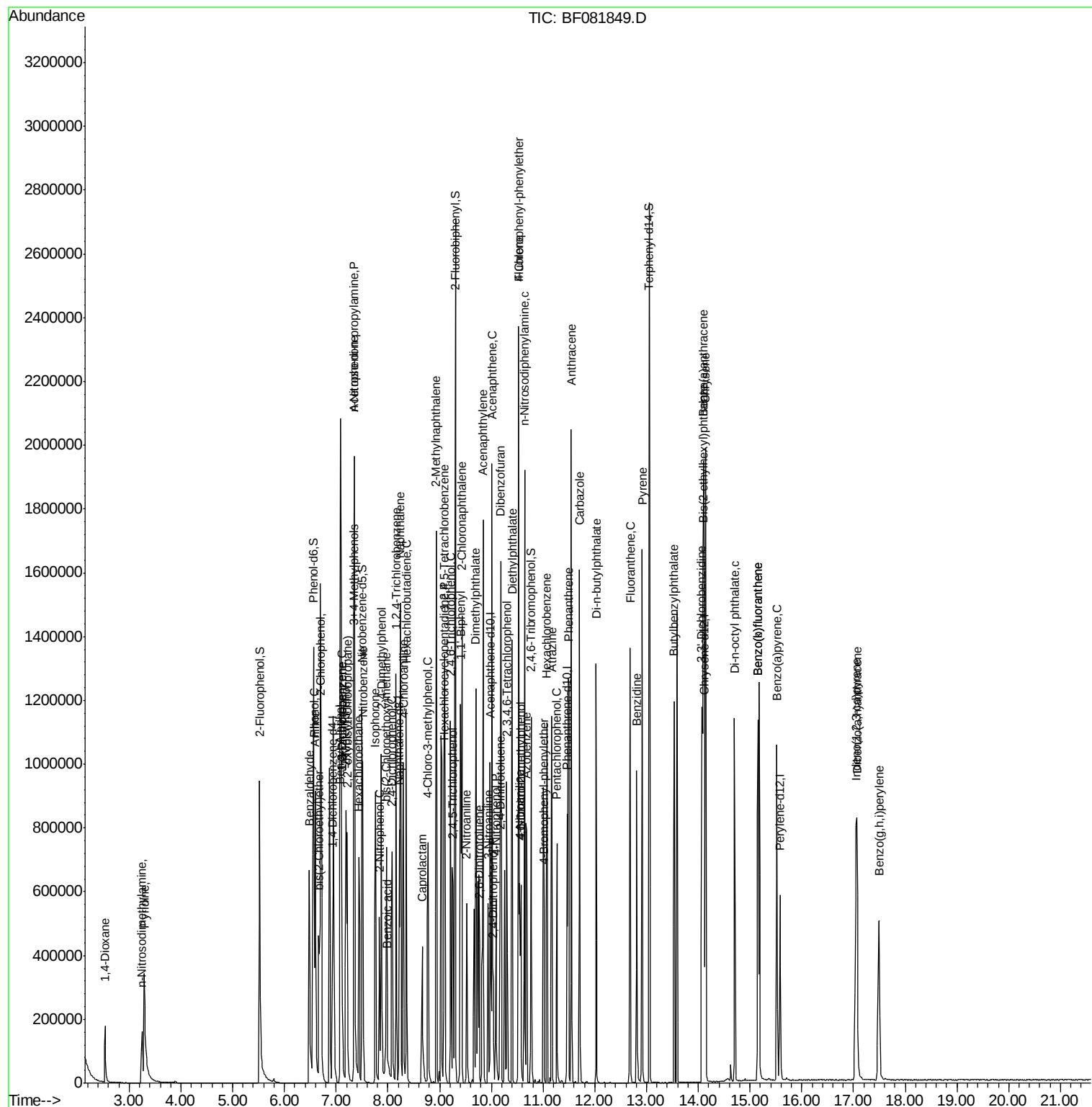
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	172115	38.41	ng	100
43) 2,4,5-Trichlorophenol	9.26	196	178247	38.69	ng	# 94
45) 1,1'-Biphenyl	9.41	154	610047	37.14	ng	94
46) 2-Chloronaphthalene	9.43	162	504307	39.11	ng	97
47) 2-Nitroaniline	9.52	65	144907	38.28	ng	# 67
48) Acenaphthylene	9.84	152	756588	36.66	ng	96
49) Dimethylphthalate	9.70	163	569097	38.73	ng	# 98
50) 2,6-Dinitrotoluene	9.77	165	122760	38.48	ng	# 88
51) Acenaphthene	10.01	154	457428	37.32	ng	91
52) 3-Nitroaniline	9.94	138	147933	40.08	ng	# 94
53) 2,4-Dinitrophenol	10.03	184	43932	42.00	ng	# 32
54) Dibenzofuran	10.18	168	643235	37.13	ng	# 87
55) 4-Nitrophenol	10.09	139	107534	40.32	ng	# 59
56) 2,4-Dinitrotoluene	10.17	165	167516	41.19	ng	# 89
57) Fluorene	10.53	166	495767	39.77	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.30	232	142124	38.89	ng	95
59) Diethylphthalate	10.40	149	539454	39.30	ng	99
60) 4-Chlorophenyl-phenylether	10.53	204	233822	36.87	ng	91
61) 4-Nitroaniline	10.55	138	143436	38.76	ng	# 43
62) Azobenzene	10.67	77	503012	37.55	ng	86
64) 4,6-Dinitro-2-methylphenol	10.57	198	74450	43.61	ng	93
65) n-Nitrosodiphenylamine	10.64	169	461881	39.68	ng	92
66) 4-Bromophenyl-phenylether	11.02	248	154400	39.81	ng	# 83
67) Hexachlorobenzene	11.07	284	178459	40.77	ng	# 81
68) Atrazine	11.17	200	142218	39.38	ng	83
69) Pentachlorophenol	11.27	266	105391	42.26	ng	99
70) Phenanthrene	11.50	178	767206	41.31	ng	97
71) Anthracene	11.54	178	778371	39.81	ng	97
72) Carbazole	11.70	167	725187	40.98	ng	96
73) Di-n-butylphthalate	12.02	149	741875	41.04	ng	# 98
74) Fluoranthene	12.69	202	824234	40.00	ng	86
76) Benzidine	12.81	184	445472	41.09	ng	# 95
77) Pyrene	12.91	202	854727	39.76	ng	96
79) Butylbenzylphthalate	13.53	149	322204	39.84	ng	97
80) Benzo(a)anthracene	14.10	228	741997	38.30	ng	95
81) 3,3'-Dichlorobenzidine	14.07	252	271763	41.53	ng	# 94
82) Chrysene	14.14	228	694666	38.14	ng	93
83) Bis(2-ethylhexyl)phthalate	14.09	149	403763	39.80	ng	95
84) Di-n-octyl phthalate	14.70	149	652739	39.53	ng	# 93
85) Indeno(1,2,3-cd)pyrene	17.05	276	602517	39.75	ng	# 86
87) Benzo(b)fluoranthene	15.16	252	671166	38.58	ng	# 85
88) Benzo(k)fluoranthene	15.16	252	671166	42.10	ng	# 87
89) Benzo(a)pyrene	15.52	252	578161	38.32	ng	# 86
90) Dibenzo(a,h)anthracene	17.06	278	483951	38.23	ng	# 82
91) Benzo(g,h,i)perylene	17.50	276	496057	38.24	ng	# 73

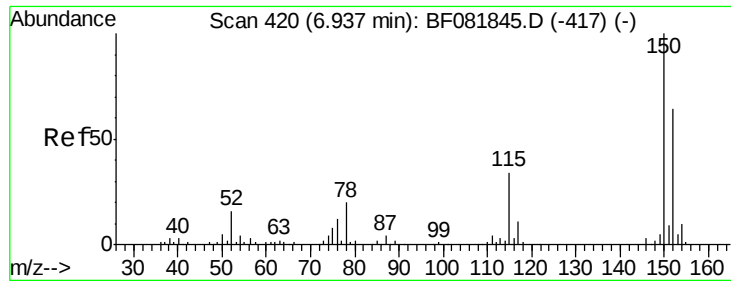
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

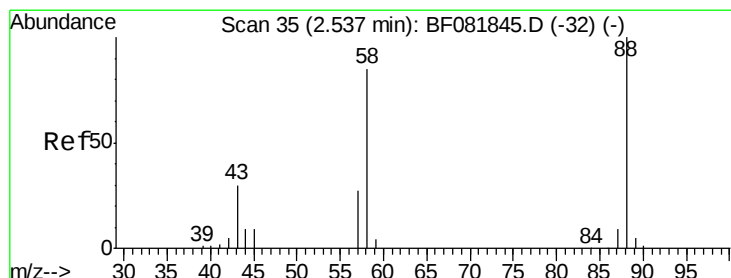
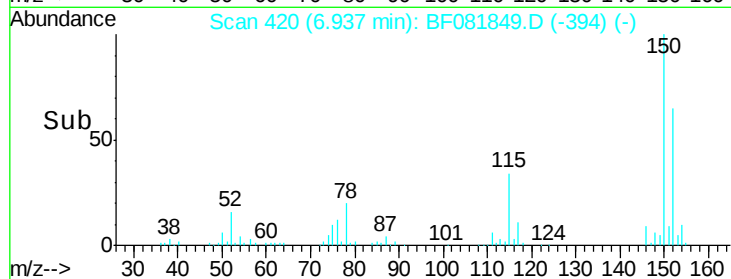
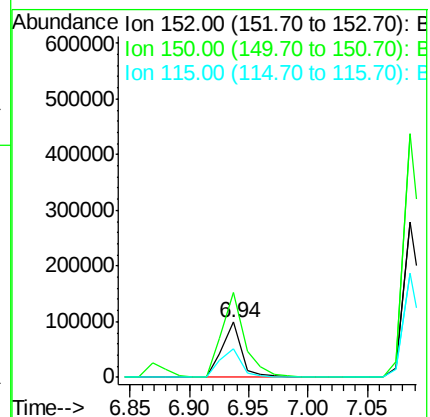
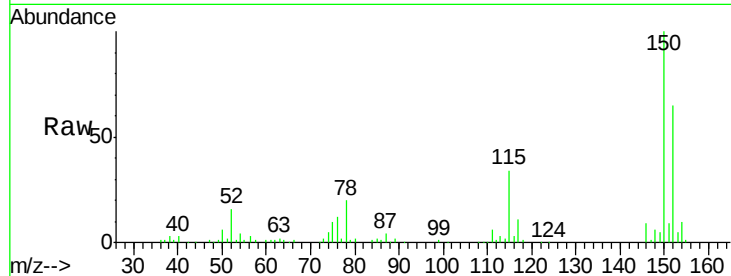
Tgt Ion:152 Resp: 111159

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

115 52.3 39.0 58.4



#2

1,4-Dioxane

Concen: 38.75 ng

RT: 2.54 min Scan# 35

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

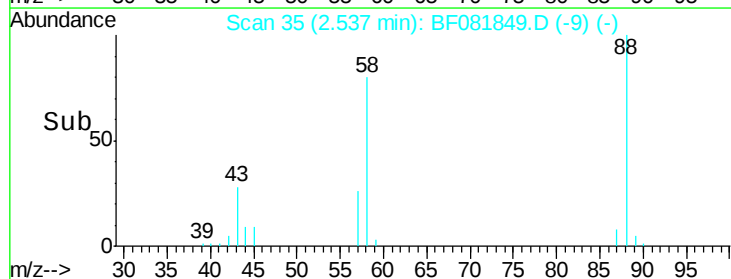
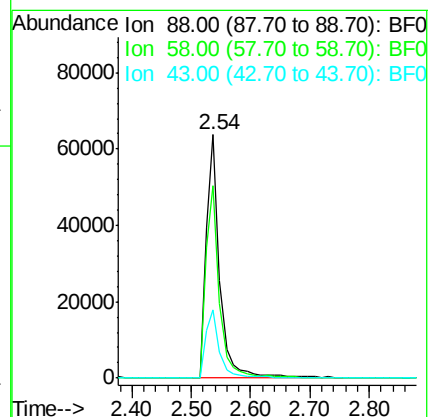
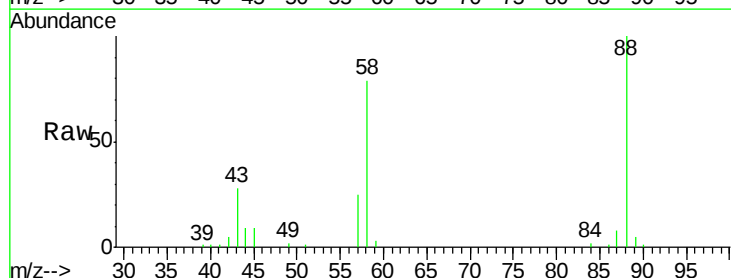
Tgt Ion: 88 Resp: 103193

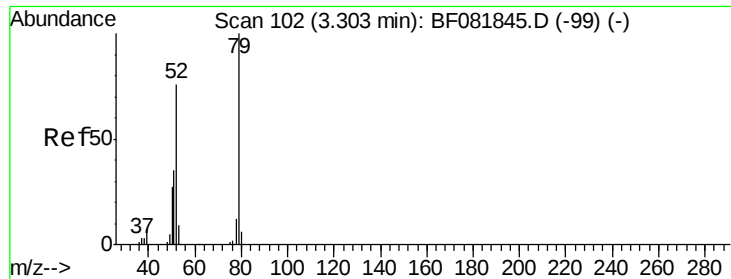
Ion Ratio Lower Upper

88 100

58 79.3 77.7 116.5

43 28.4 26.6 40.0





#3

Pyridine

Concen: 38.35 ng

RT: 3.29 min Scan# 101

Delta R.T. -0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

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ClientSampleId :

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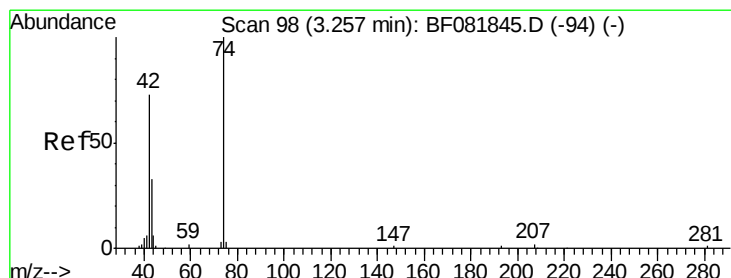
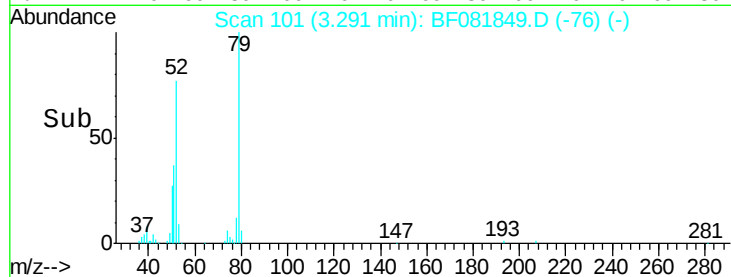
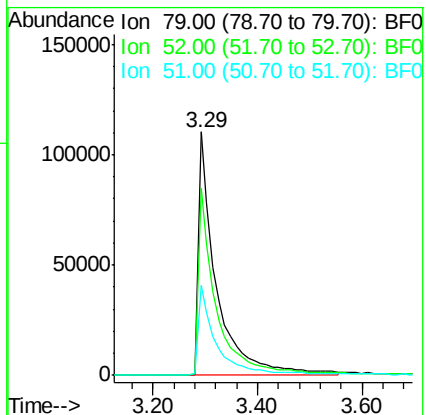
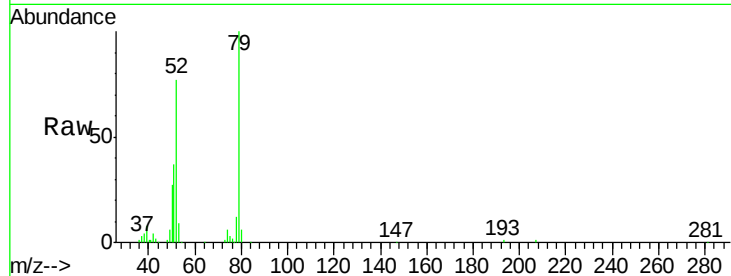
Tgt Ion: 79 Resp: 265862

Ion Ratio Lower Upper

79 100

52 77.1 76.8 115.2

51 36.8 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 38.05 ng

RT: 3.25 min Scan# 97

Delta R.T. -0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

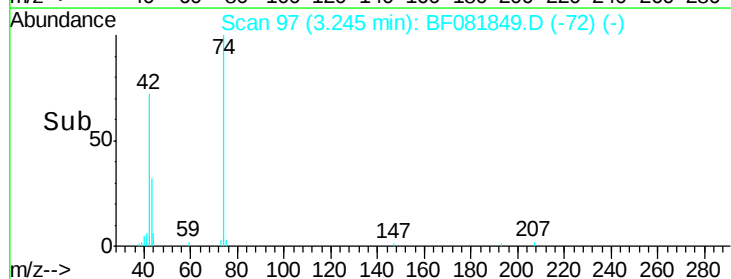
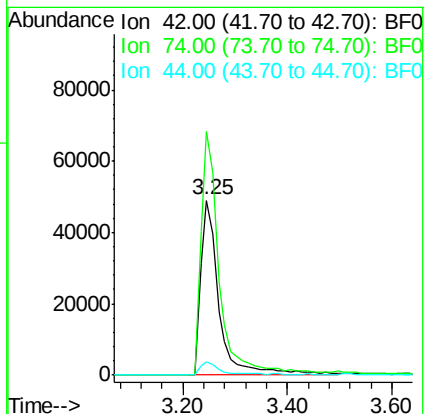
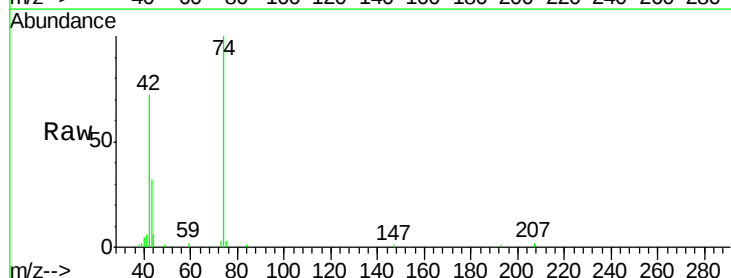
Tgt Ion: 42 Resp: 119813

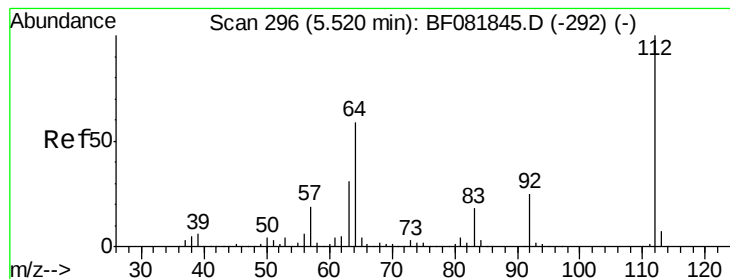
Ion Ratio Lower Upper

42 100

74 139.5 105.0 157.6

44 7.7 6.6 10.0





#5

2-Fluorophenol

Concen: 77.03 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

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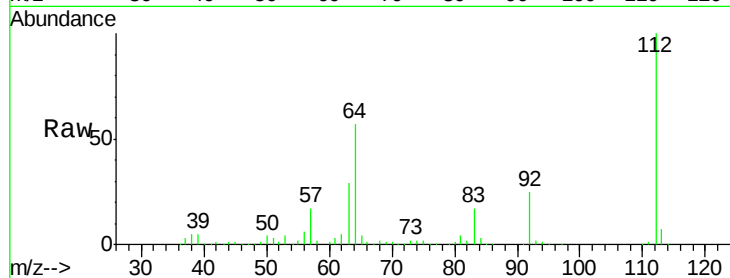
Tgt Ion: 112 Resp: 471700

Ion Ratio Lower Upper

112 100

64 56.7 39.7 59.5

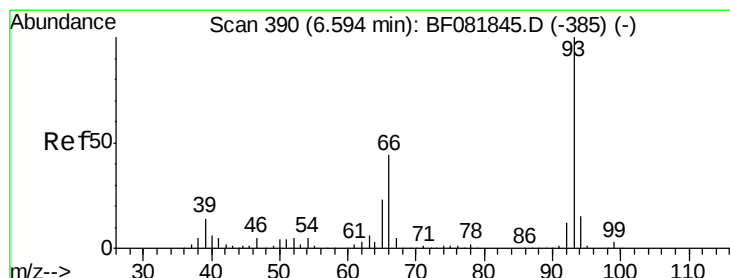
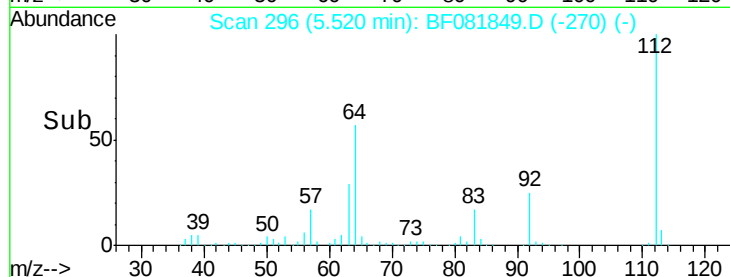
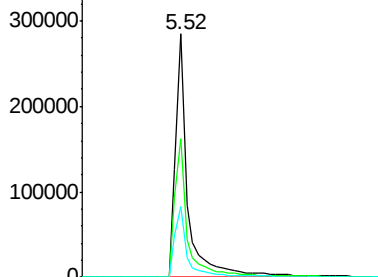
63 29.1 17.4 26.0#



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: 38.26 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

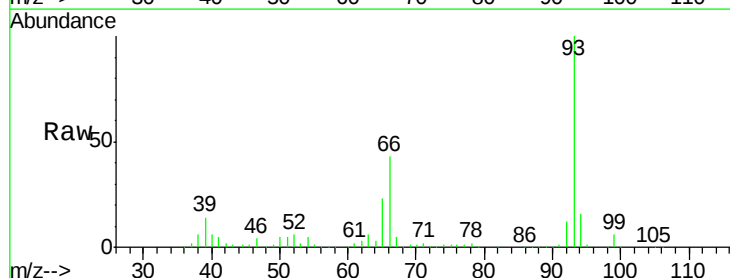
Tgt Ion: 93 Resp: 396108

Ion Ratio Lower Upper

93 100

66 43.5 27.2 40.8#

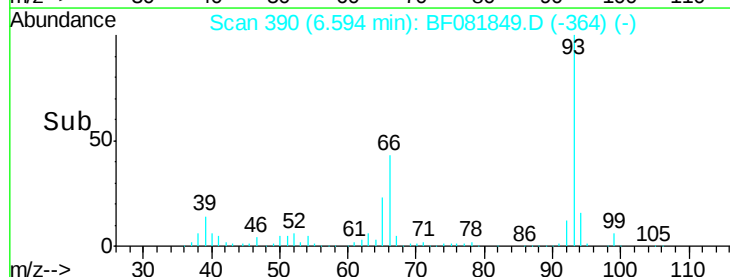
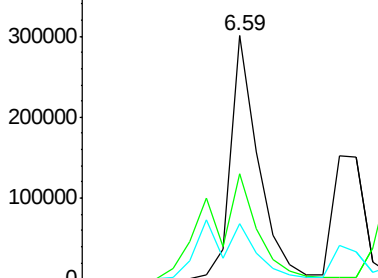
65 22.6 14.7 22.1#

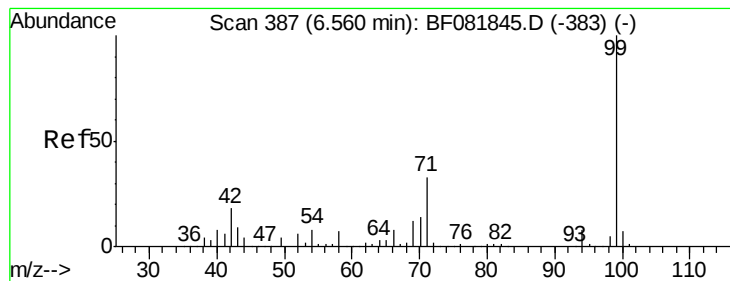


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.90 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.00 min

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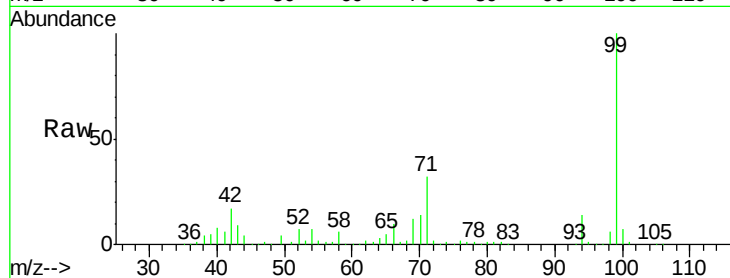
Tgt Ion: 99 Resp: 592518

Ion Ratio Lower Upper

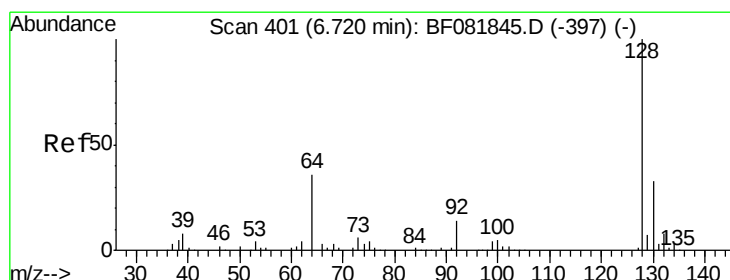
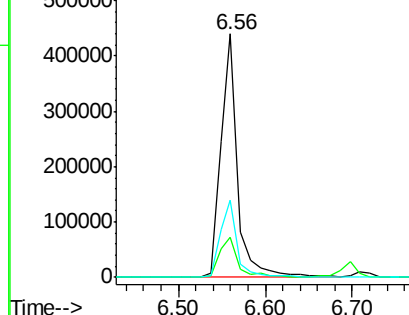
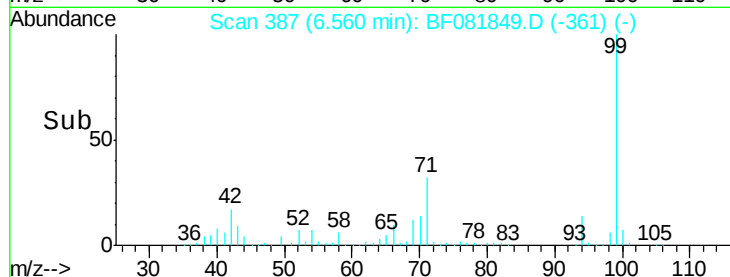
99 100

42 16.7 13.7 20.5

71 31.8 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.60 ng

RT: 6.71 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

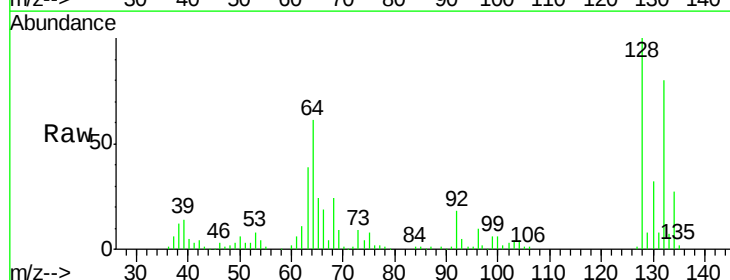
Tgt Ion: 128 Resp: 254279

Ion Ratio Lower Upper

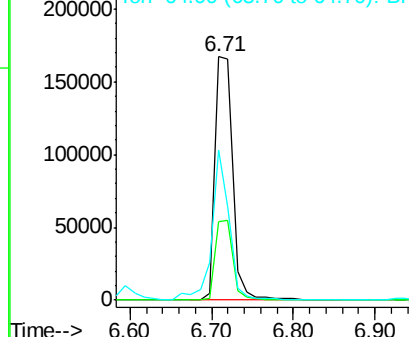
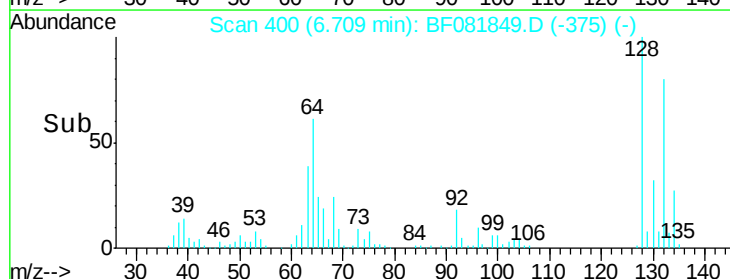
128 100

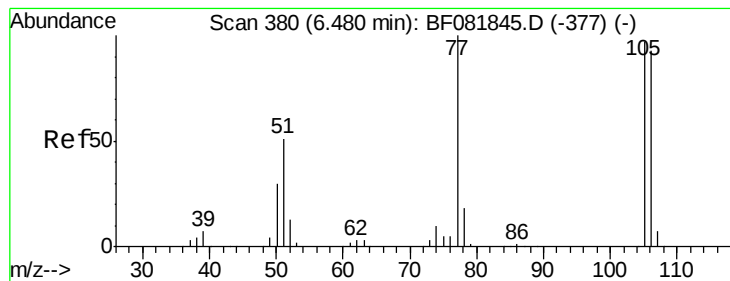
130 32.2 12.2 52.2

64 61.4 20.5 60.5#



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.90 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

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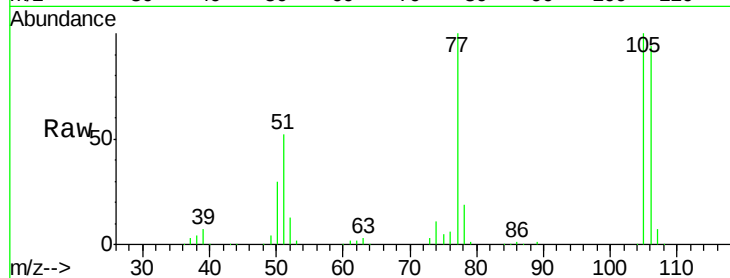
Tgt Ion: 77 Resp: 191244

Ion Ratio Lower Upper

77 100

105 100.2 91.6 131.6

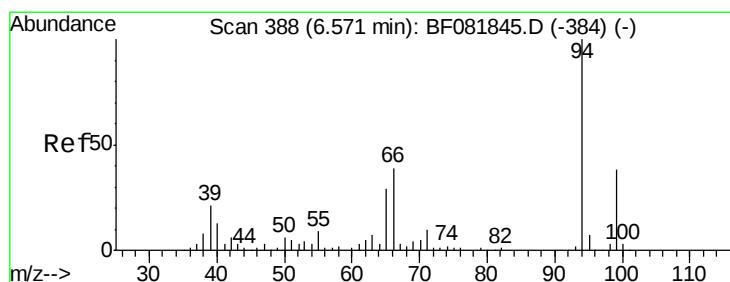
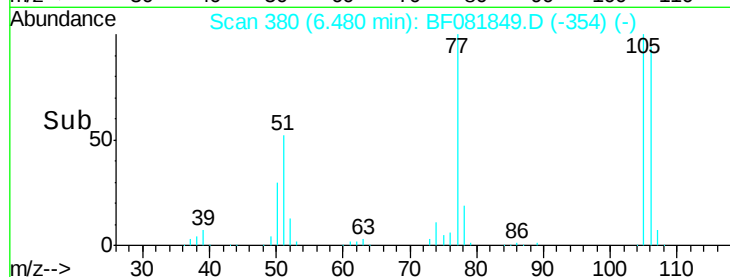
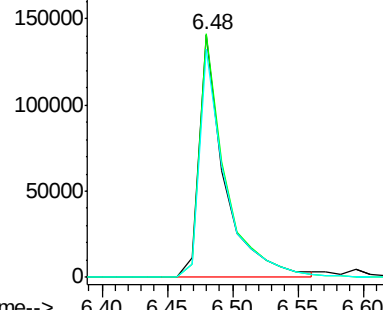
106 93.8 102.6 142.6#



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: 39.76 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

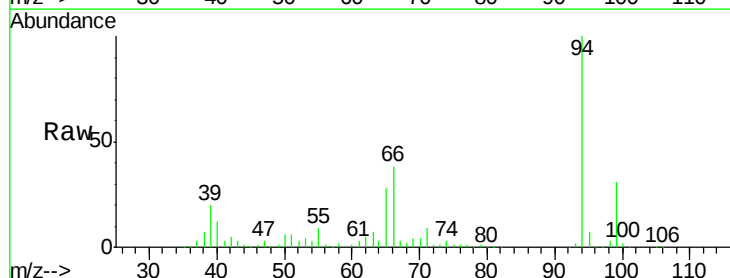
Tgt Ion: 94 Resp: 343696

Ion Ratio Lower Upper

94 100

65 27.8 0.7 40.7

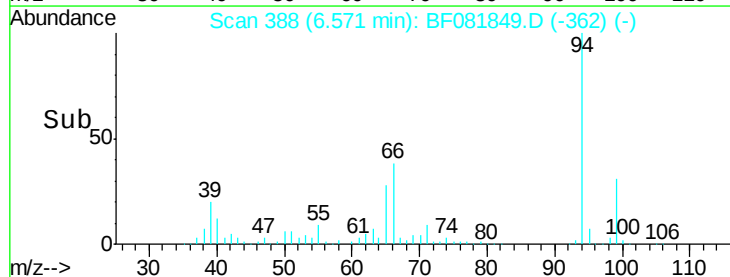
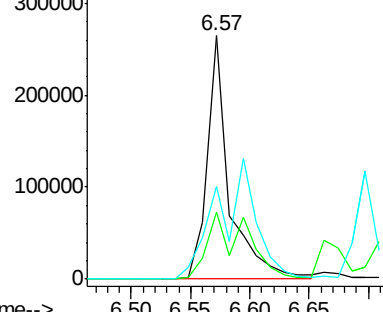
66 38.0 0.8 40.8



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

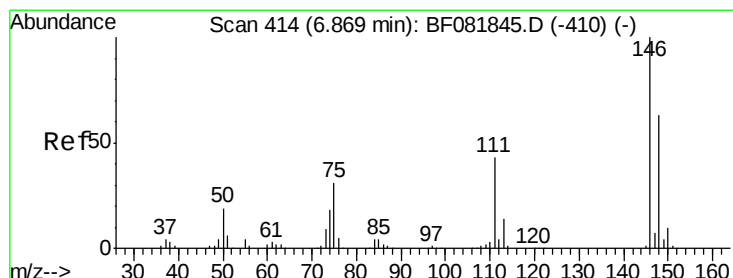
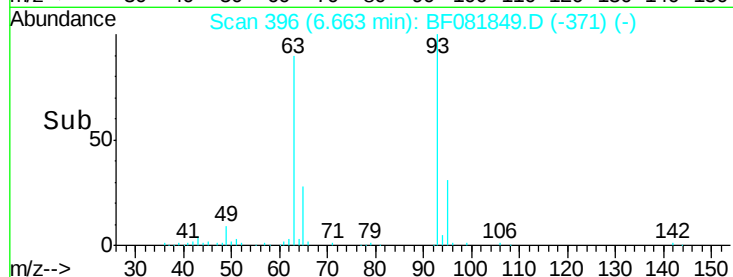
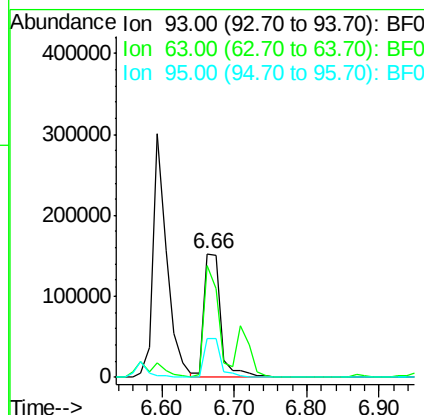
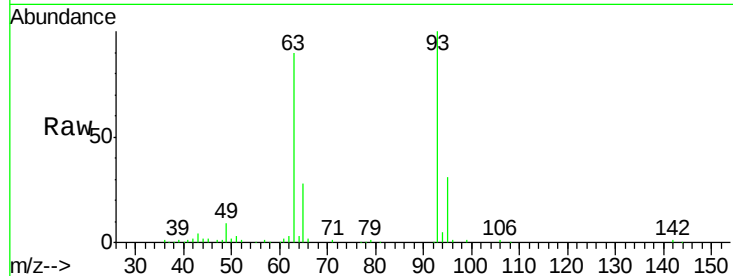




#11
bis(2-Chloroethyl)ether
Concen: 36.85 ng
RT: 6.66 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

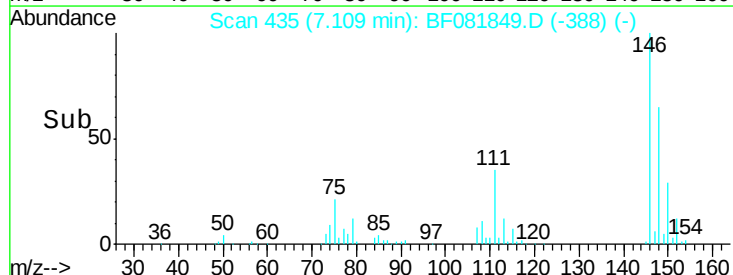
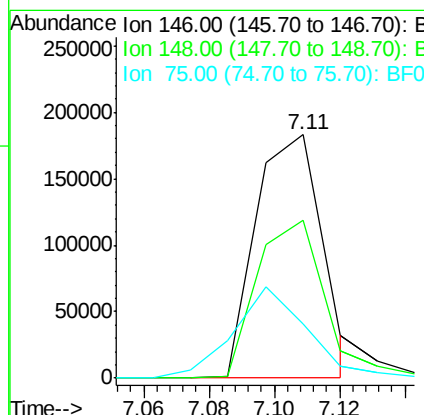
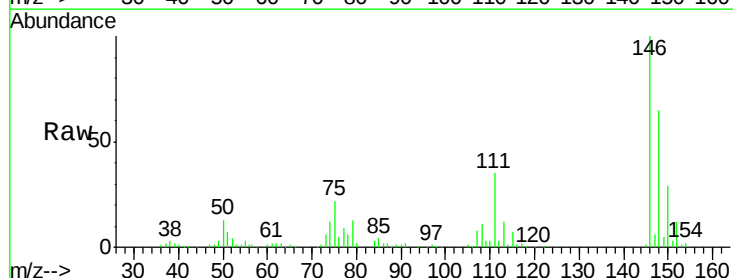
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

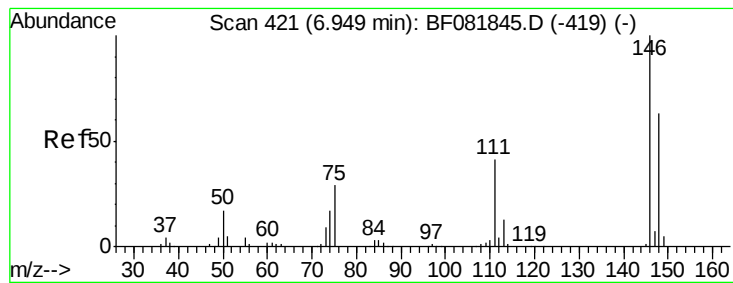
Tgt Ion: 93 Resp: 247037
Ion Ratio Lower Upper
93 100
63 90.3 65.6 105.6
95 31.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 32.60 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.24 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion: 146 Resp: 260421
Ion Ratio Lower Upper
146 100
148 65.0 51.0 76.4
75 22.3 15.0 22.6





#13

1,4-Dichlorobenzene

Concen: 33.12 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.16 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

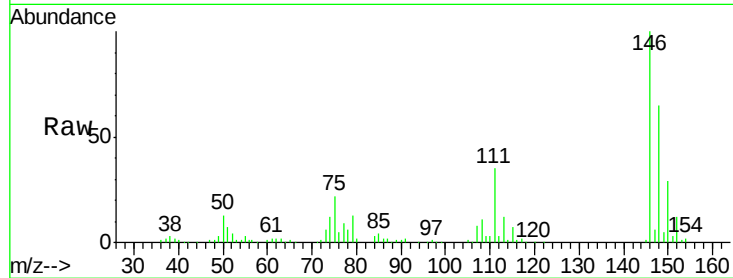
Tgt Ion:146 Resp: 276245

Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

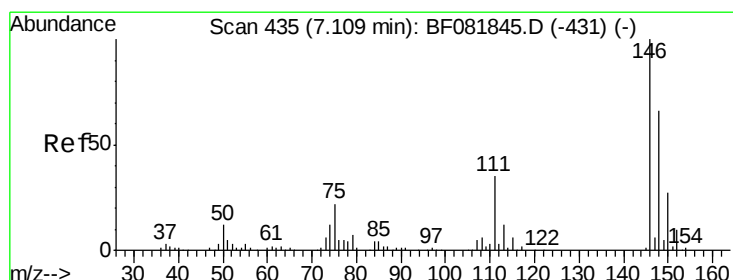
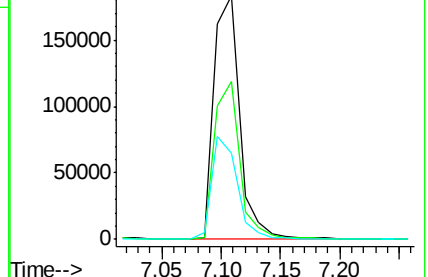
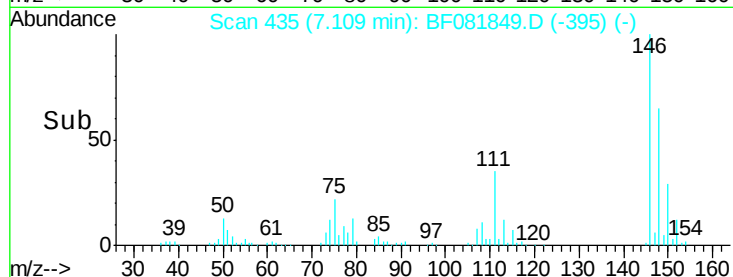
111 35.2 24.9 37.3



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.17 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

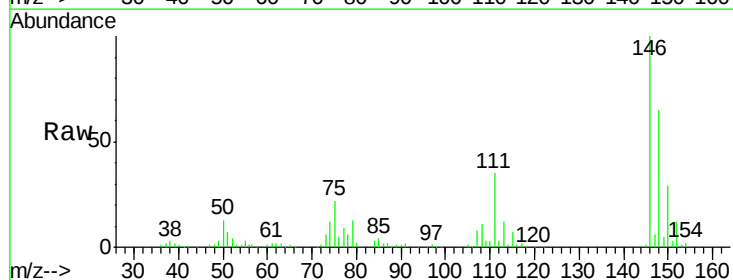
Tgt Ion:146 Resp: 276262

Ion Ratio Lower Upper

146 100

148 65.0 52.7 79.1

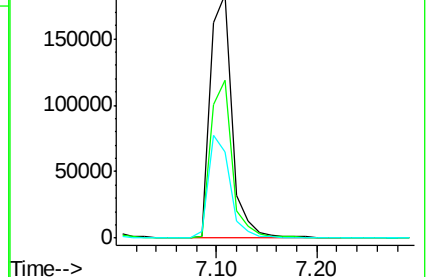
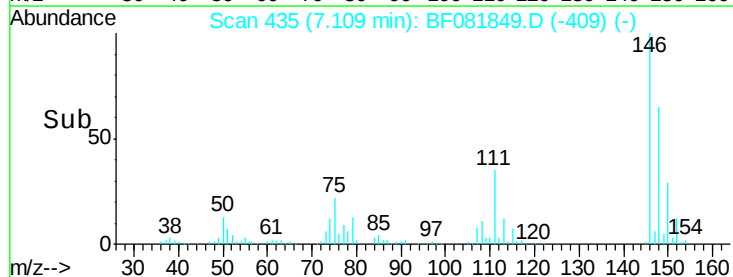
111 35.2 28.8 43.2

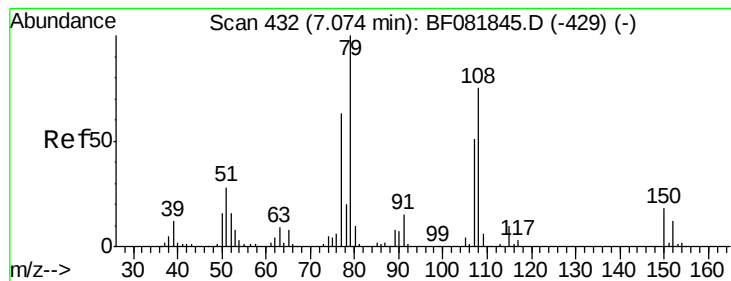


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.17 ng

RT: 7.07 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

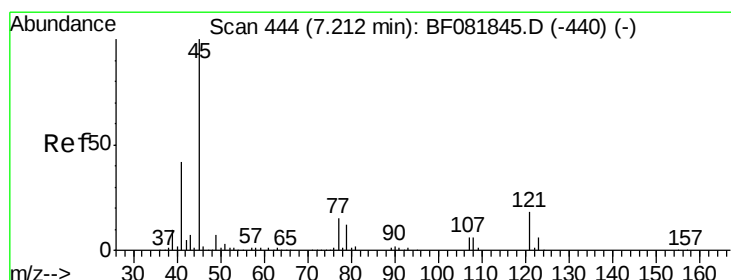
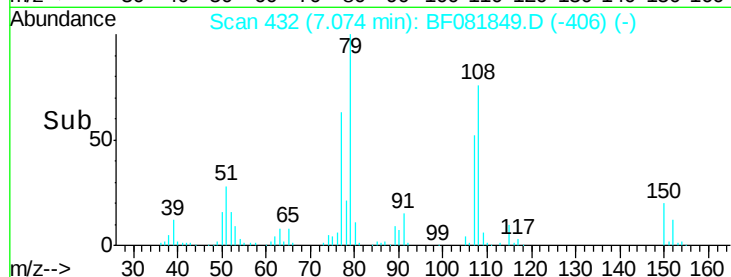
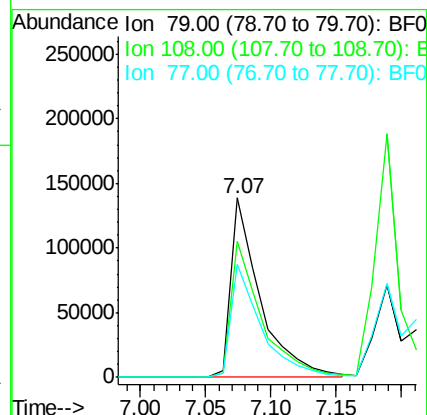
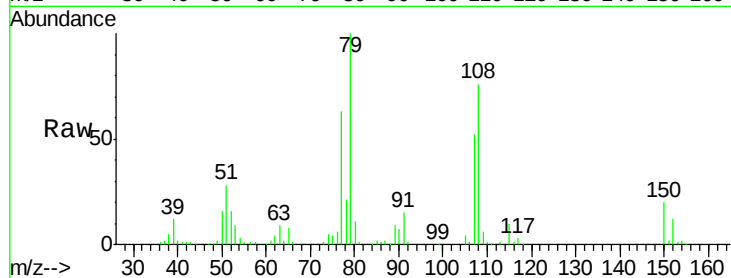
Tgt Ion: 79 Resp: 217855

Ion Ratio Lower Upper

79 100

108 76.0 88.6 132.8#

77 63.3 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.72 ng

RT: 7.21 min Scan# 444

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

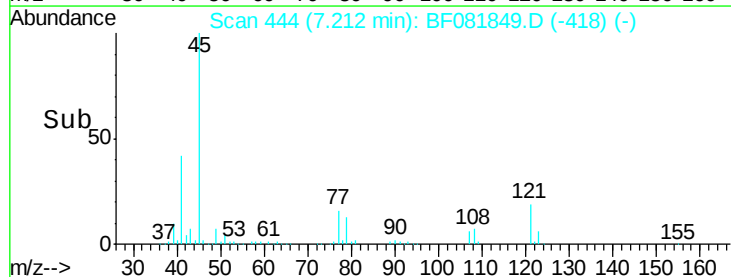
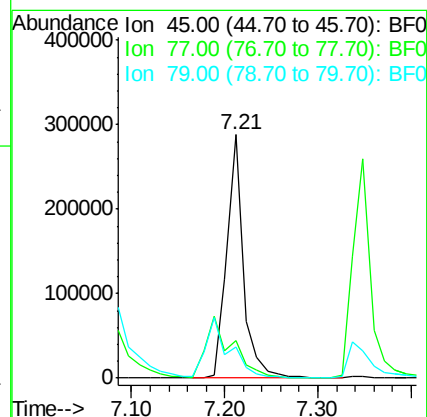
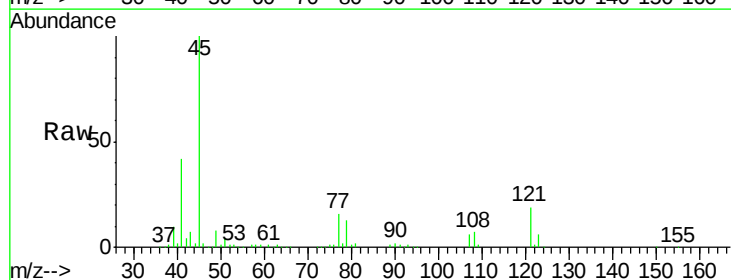
Tgt Ion: 45 Resp: 357394

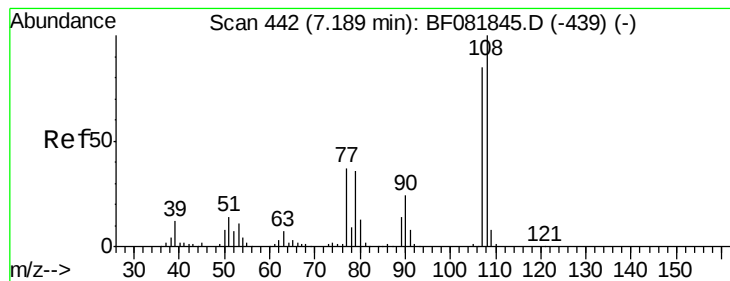
Ion Ratio Lower Upper

45 100

77 15.6 0.0 28.1

79 12.8 0.0 26.0





#17

2-Methylphenol

Concen: 38.27 ng

RT: 7.19 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

Tgt Ion:107 Resp: 209798

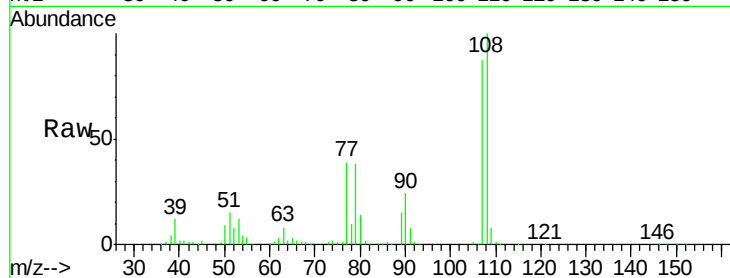
Ion Ratio Lower Upper

107 100

108 114.8 96.6 145.0

77 44.4 23.3 34.9#

79 43.9 22.0 33.0#

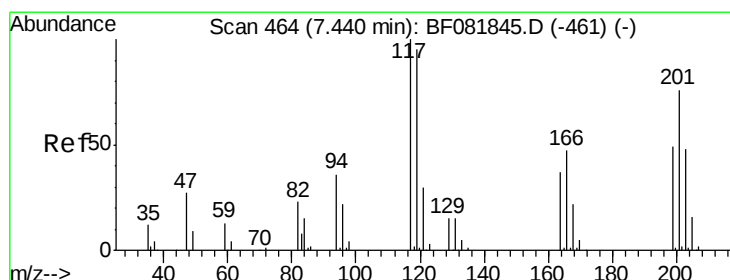
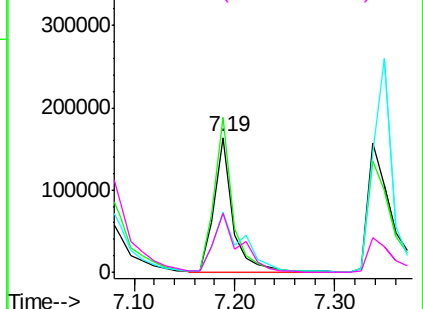
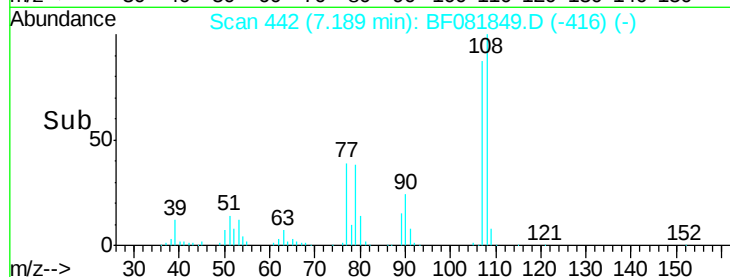


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.13 ng

RT: 7.44 min Scan# 464

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

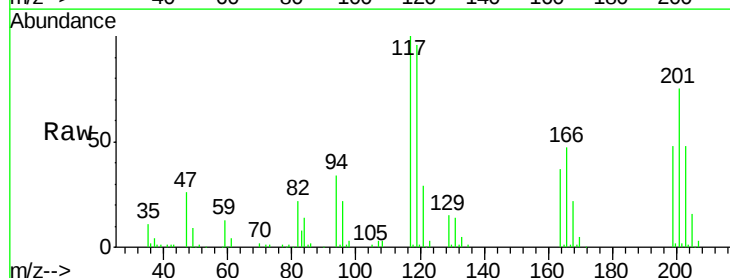
Tgt Ion:117 Resp: 99567

Ion Ratio Lower Upper

117 100

119 95.6 83.8 125.6

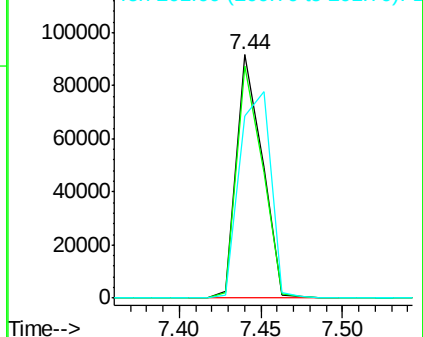
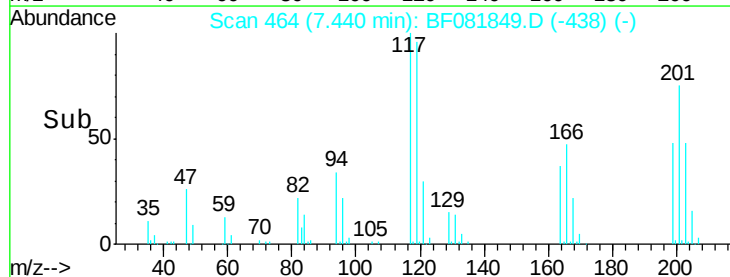
201 75.0 55.1 82.7

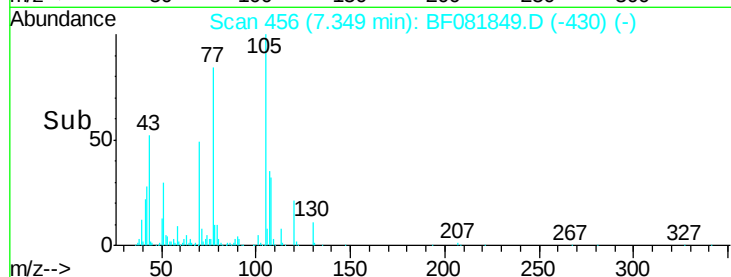
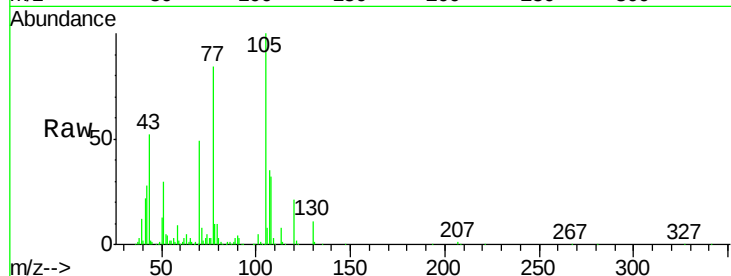
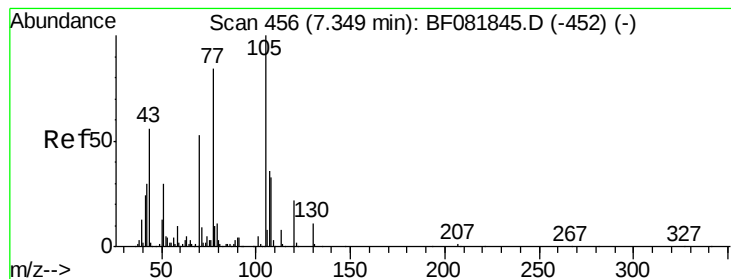


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.43 ng

RT: 7.35 min Scan# 456

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

Tgt Ion: 70 Resp: 184656

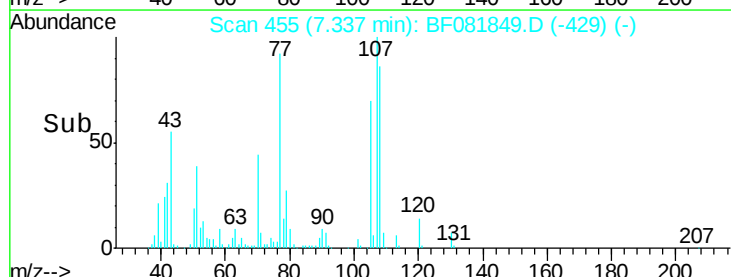
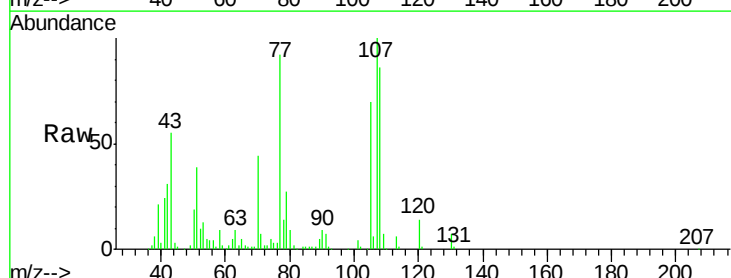
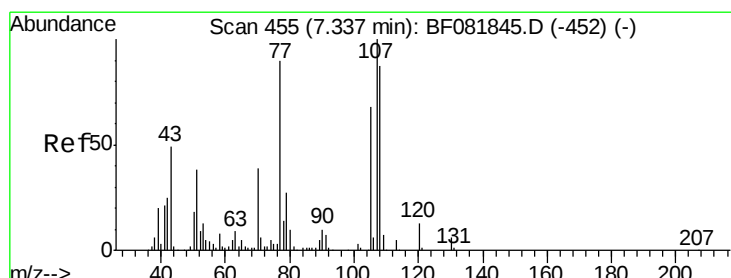
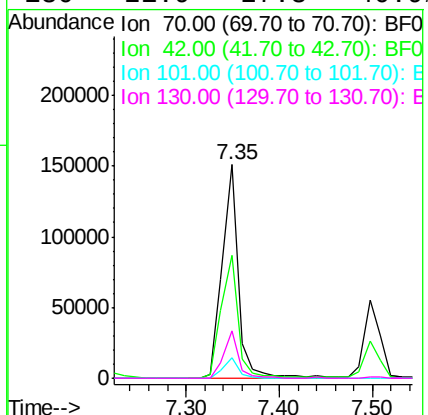
Ion Ratio Lower Upper

70 100

42 57.3 63.8 95.6#

101 9.7 9.2 13.8

130 21.9 27.3 40.9#



#20

3+4-Methylphenols

Concen: 38.80 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Tgt Ion: 107 Resp: 268644

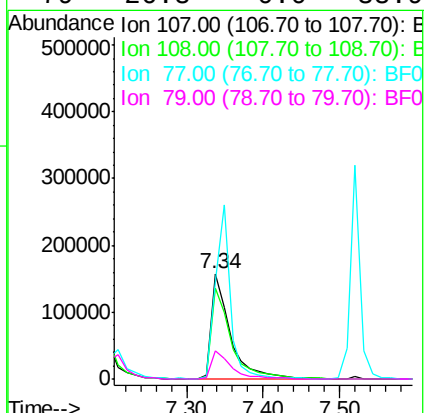
Ion Ratio Lower Upper

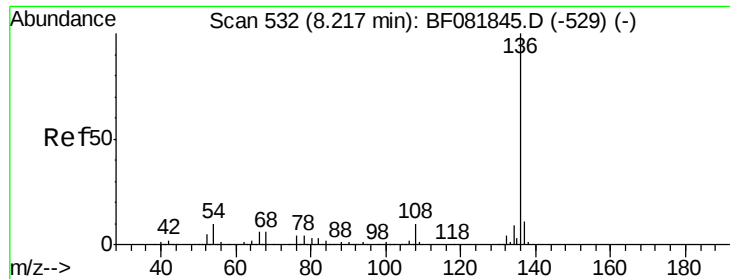
107 100

108 85.7 74.6 114.6

77 91.9 0.7 40.7#

79 26.8 0.0 38.9

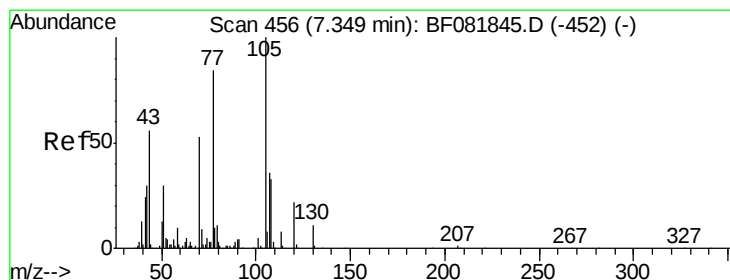
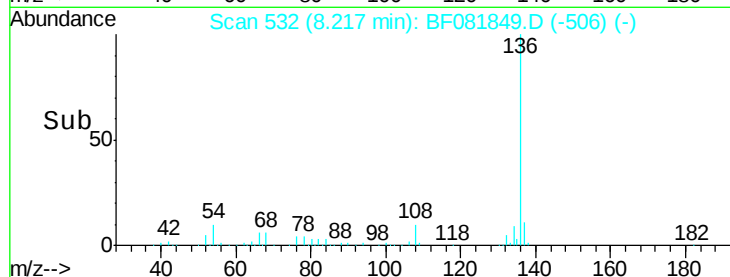
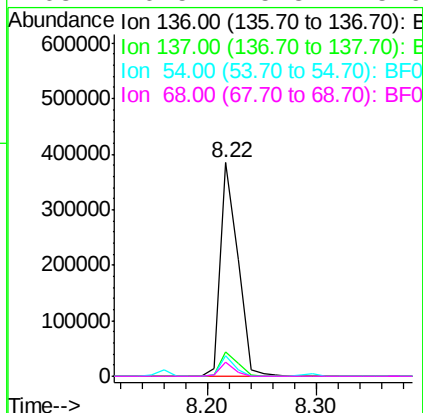
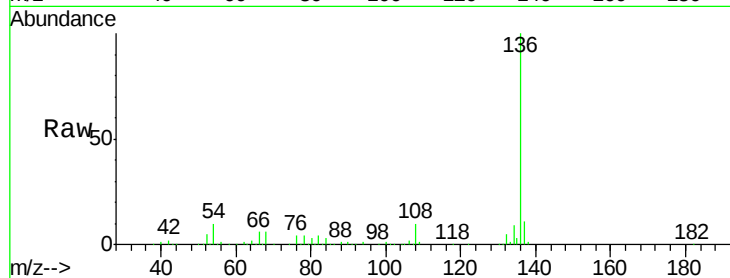




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

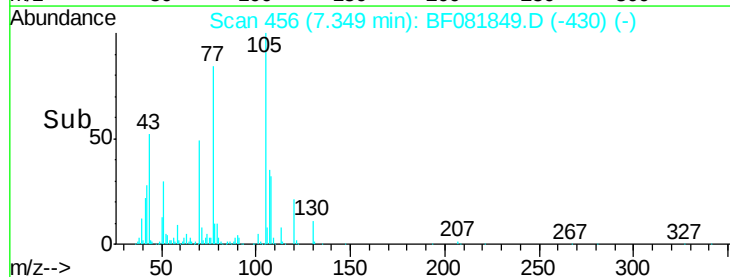
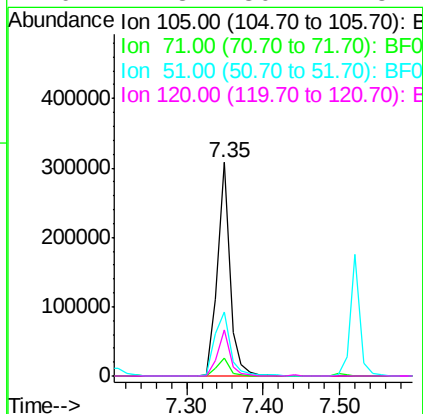
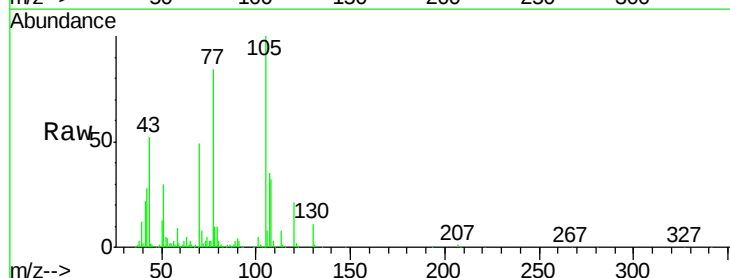
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

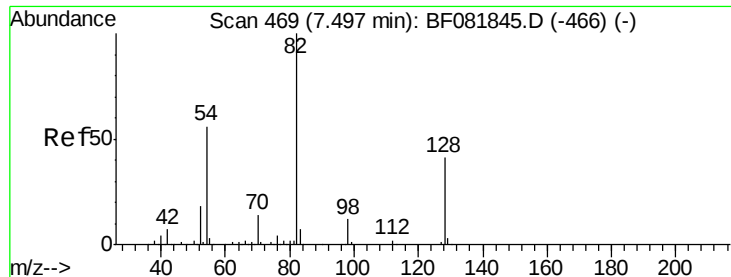
Tgt Ion:	136	Resp:	431381
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.6	8.2	12.2
68	6.5	5.8	8.6



#22
Acetophenone
Concen: 39.80 ng
RT: 7.35 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:	105	Resp:	351026
Ion	Ratio	Lower	Upper
105	100		
71	8.1	4.7	7.1#
51	29.8	22.0	33.0
120	21.3	30.1	45.1#

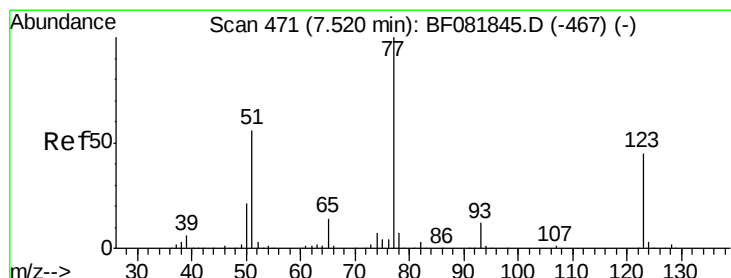
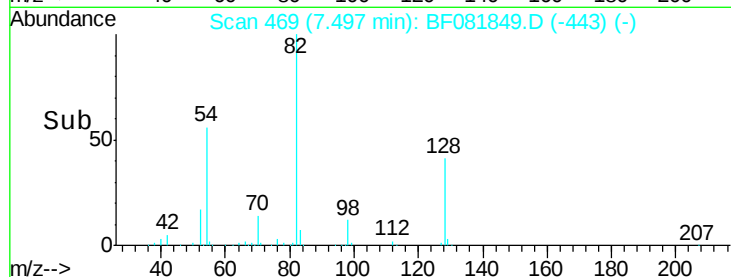
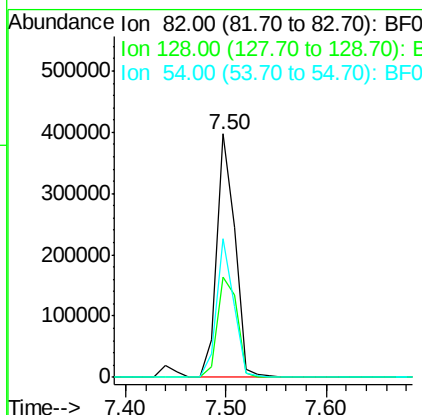
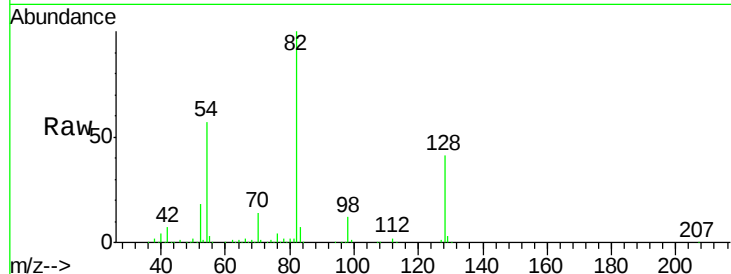




#23
 Nitrobenzene-d5
 Concen: 76.72 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

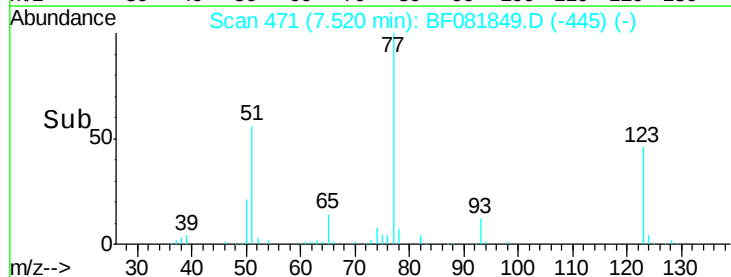
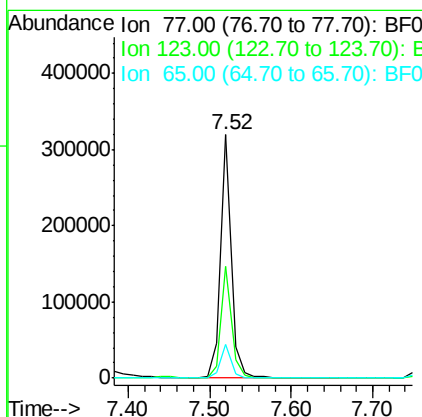
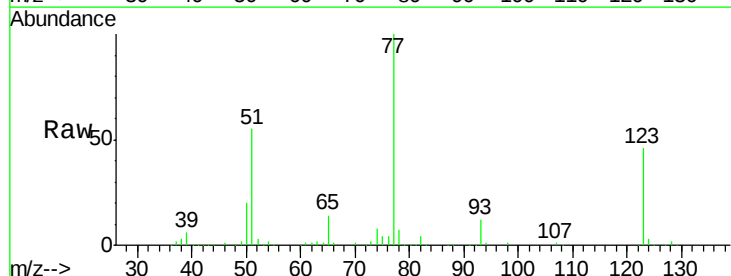
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion: 82 Resp: 496476
 Ion Ratio Lower Upper
 82 100
 128 41.0 51.0 76.6#
 54 56.8 47.5 71.3



#24
 Nitrobenzene
 Concen: 41.40 ng
 RT: 7.52 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion: 77 Resp: 290947
 Ion Ratio Lower Upper
 77 100
 123 46.0 59.8 89.8#
 65 13.7 10.2 15.4

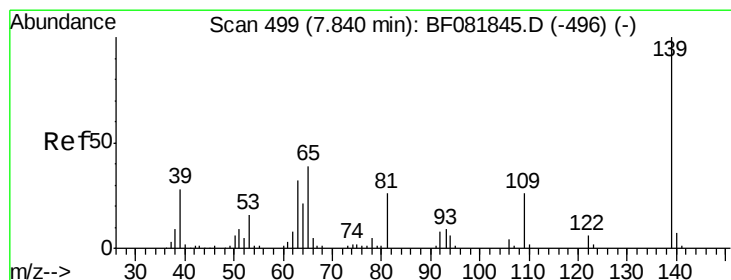
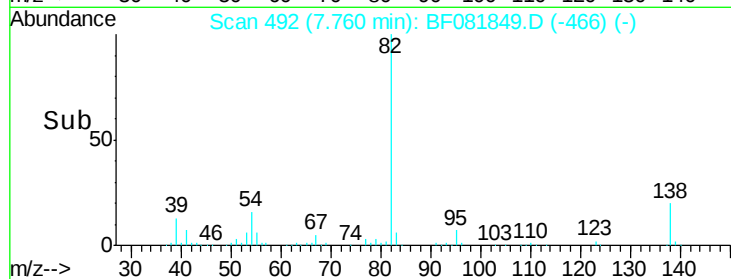
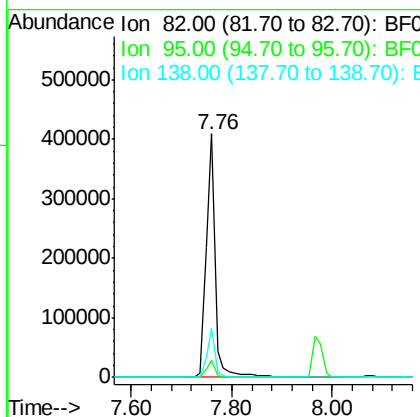
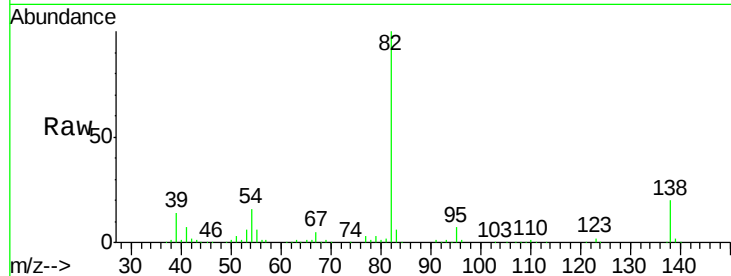




#25
Isophorone
Concen: 39.53 ng
RT: 7.76 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

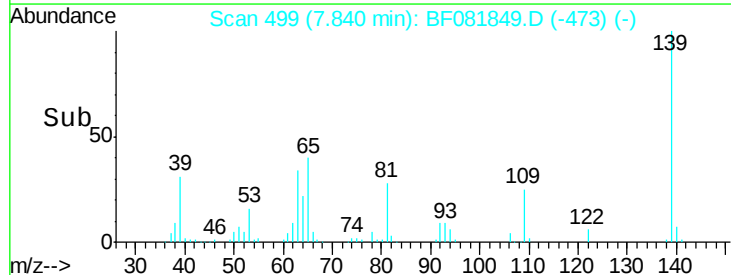
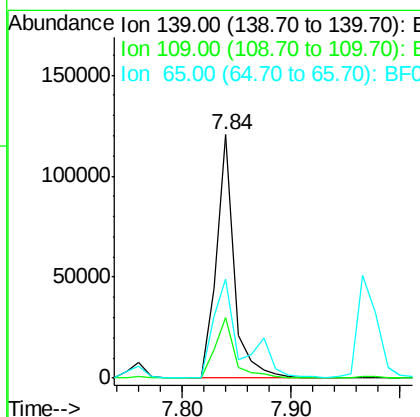
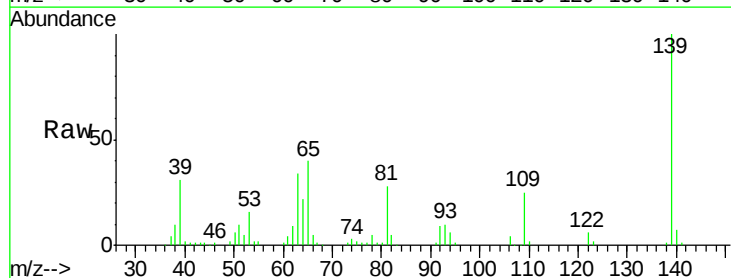
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

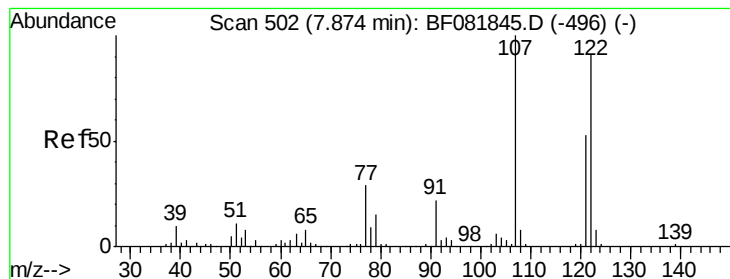
Tgt Ion: 82 Resp: 507076
Ion Ratio Lower Upper
82 100
95 6.9 4.0 6.0#
138 20.0 18.3 27.5



#26
2-Nitrophenol
Concen: 41.32 ng
RT: 7.84 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion: 139 Resp: 139377
Ion Ratio Lower Upper
139 100
109 24.7 11.0 16.4#
65 40.5 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.87 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

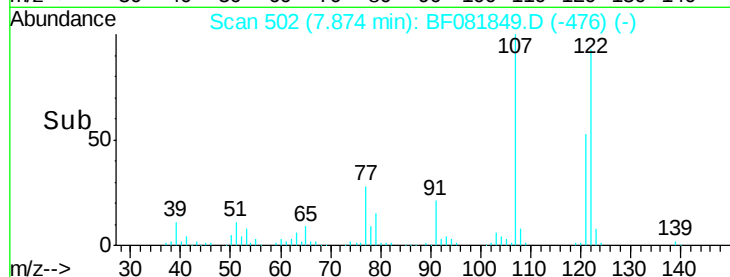
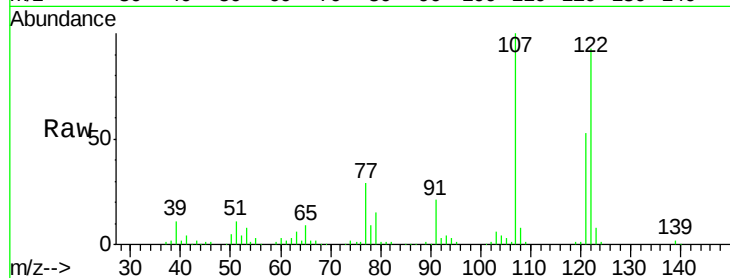
Tgt Ion:122 Resp: 239581

Ion Ratio Lower Upper

122 100

107 107.6 71.8 107.6

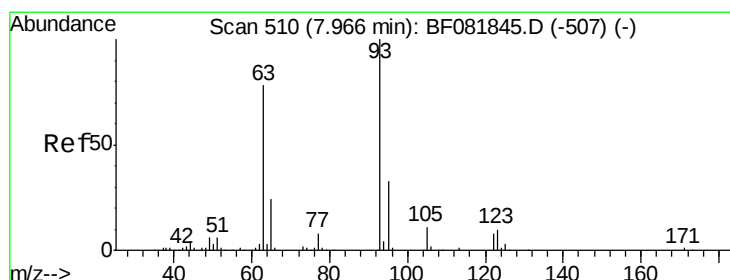
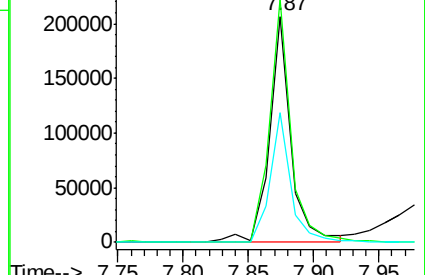
121 57.1 42.3 63.5



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: 37.82 ng

RT: 7.97 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

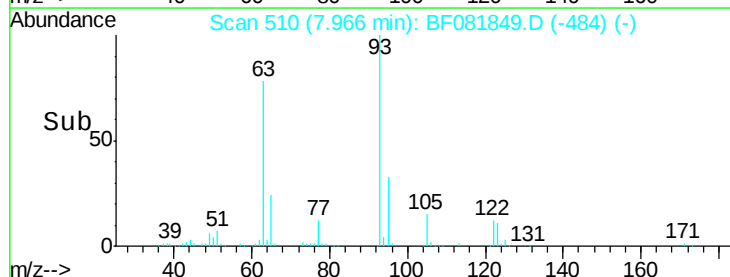
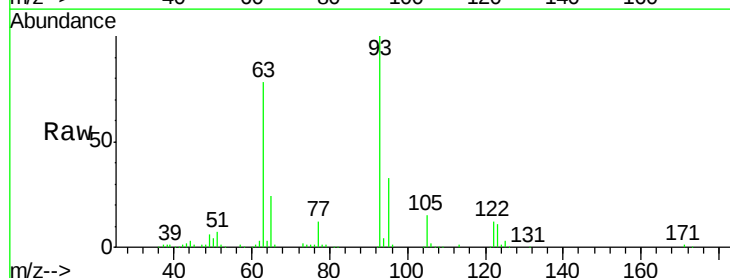
Tgt Ion: 93 Resp: 288038

Ion Ratio Lower Upper

93 100

95 32.7 27.5 41.3

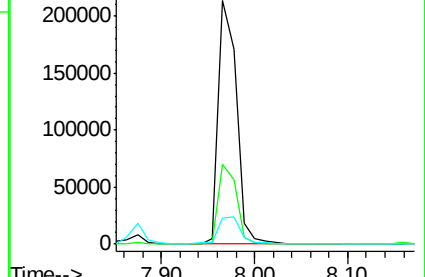
123 10.7 13.7 20.5#

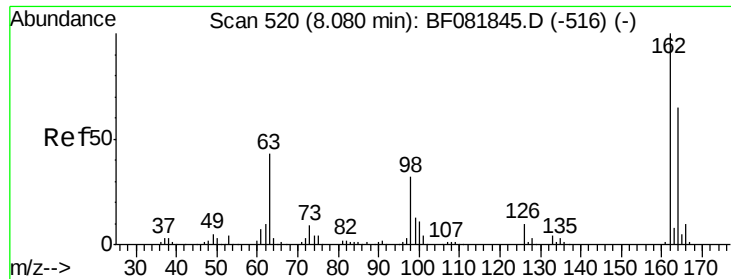


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

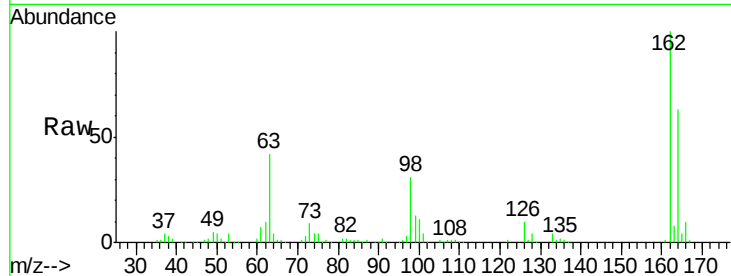




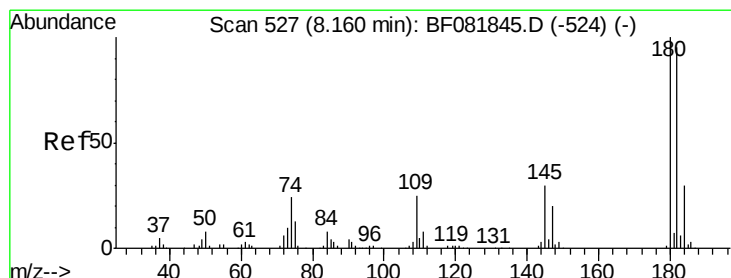
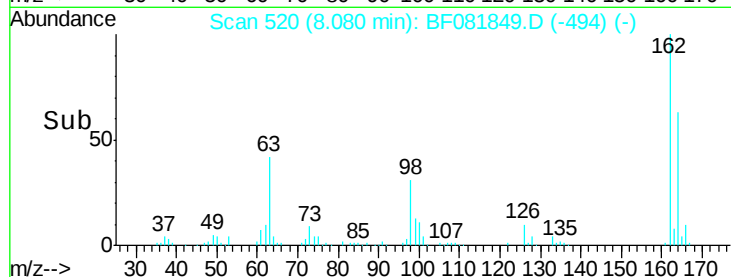
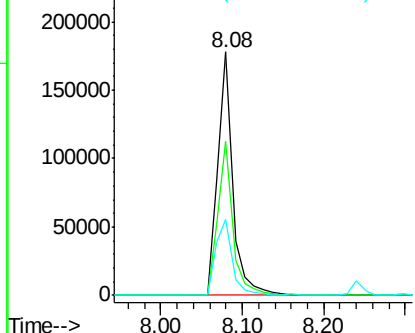
#29
 2,4-Dichlorophenol
 Concen: 39.59 ng
 RT: 8.08 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	44.9	84.9
98	31.0	13.0	53.0

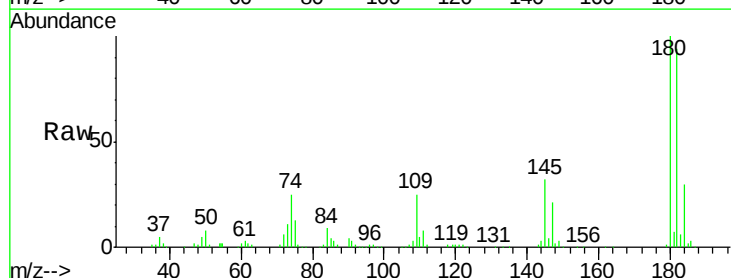


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

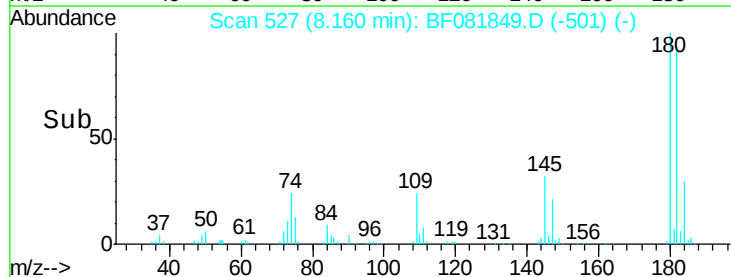
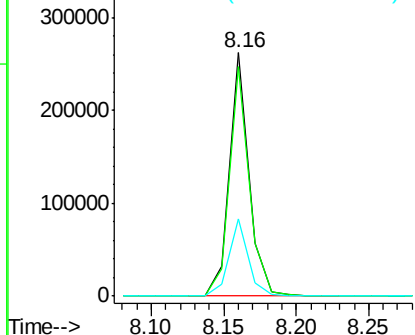


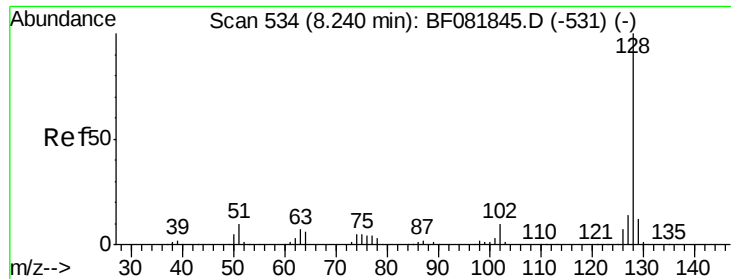
#30
 1,2,4-Trichlorobenzene
 Concen: 38.22 ng
 RT: 8.16 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.1	115.7
145	31.6	23.3	34.9



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

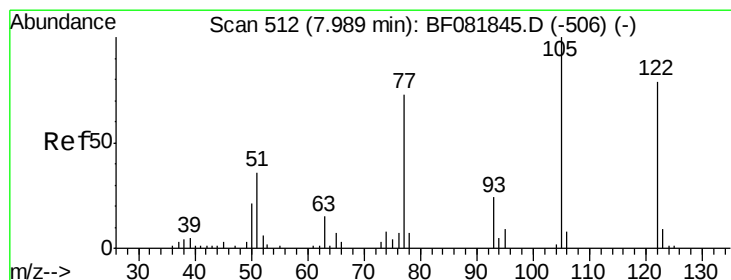
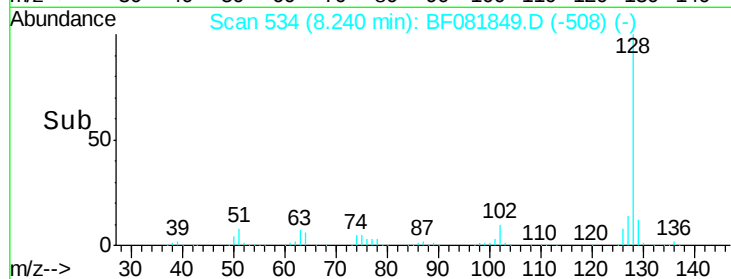
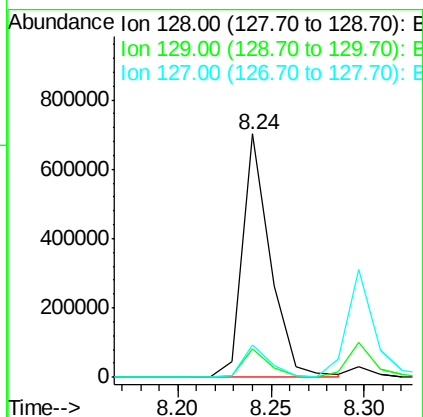
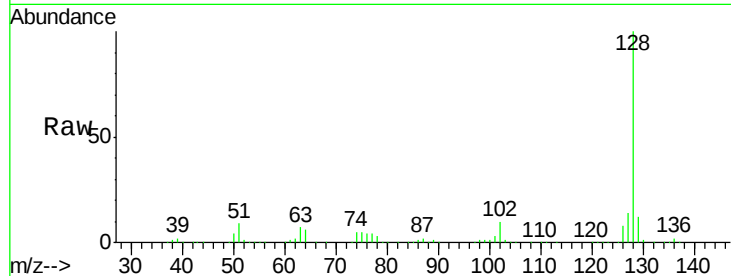




#31
Naphthalene
Concen: 38.06 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

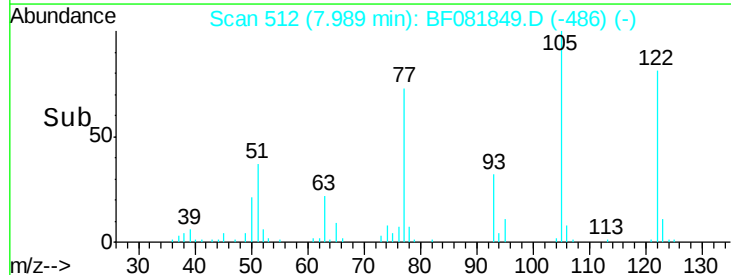
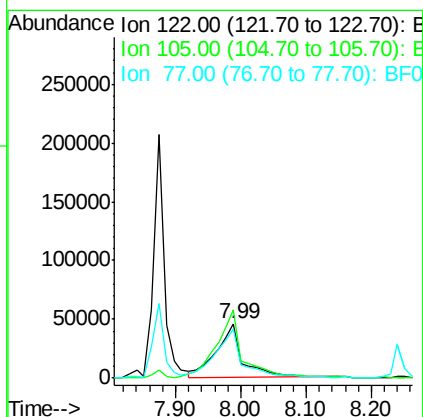
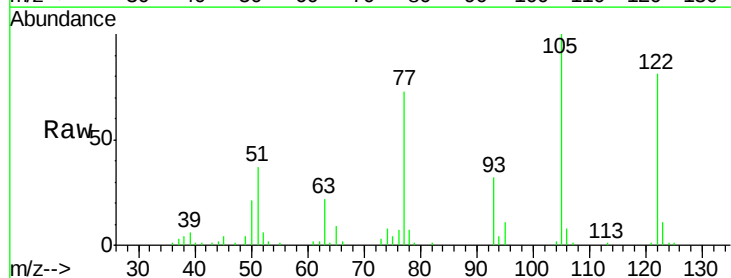
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

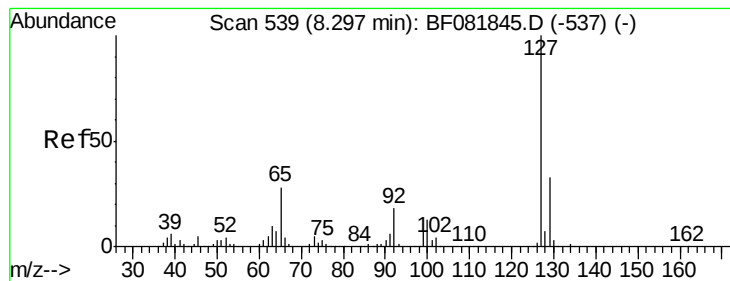
Tgt Ion:128 Resp: 727503
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.5 9.9 14.9



#32
Benzoic acid
Concen: 38.18 ng
RT: 7.99 min Scan# 512
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:122 Resp: 129222
Ion Ratio Lower Upper
122 100
105 123.9 76.1 116.1#
77 90.1 40.5 80.5#





#33

4-Chloroaniline

Concen: 39.75 ng

RT: 8.30 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

Tgt Ion:127 Resp: 328583

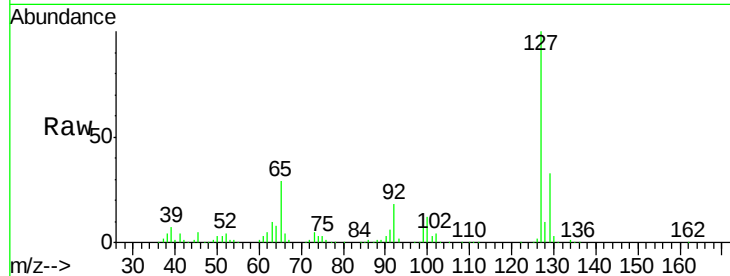
Ion Ratio Lower Upper

127 100

129 32.9 25.8 38.6

65 28.7 17.9 26.9#

92 18.2 10.5 15.7#

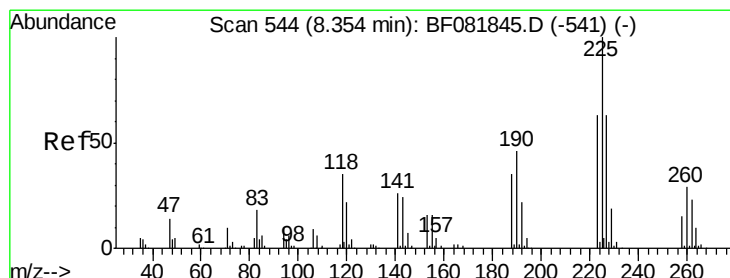
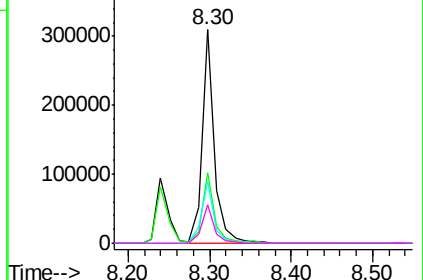
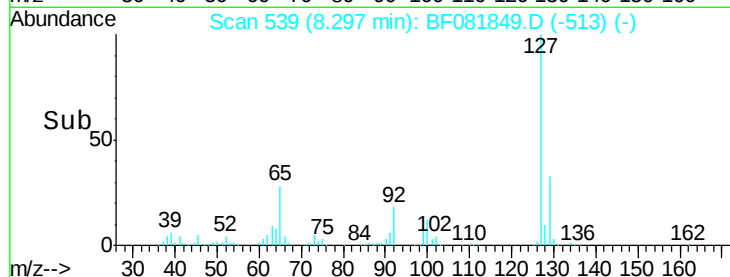


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.18 ng

RT: 8.35 min Scan# 544

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

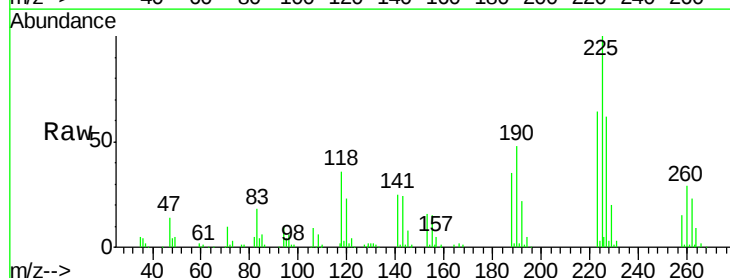
Tgt Ion:225 Resp: 145028

Ion Ratio Lower Upper

225 100

223 63.7 50.2 75.2

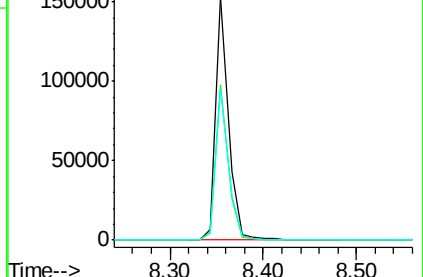
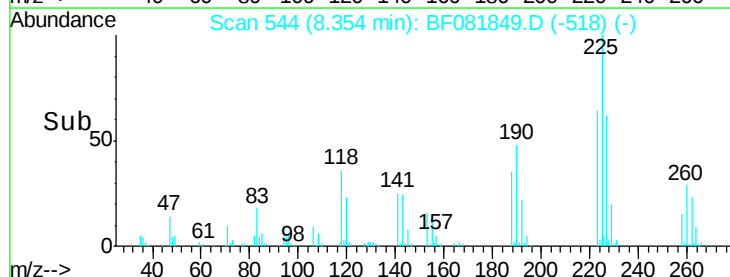
227 62.2 52.2 78.2

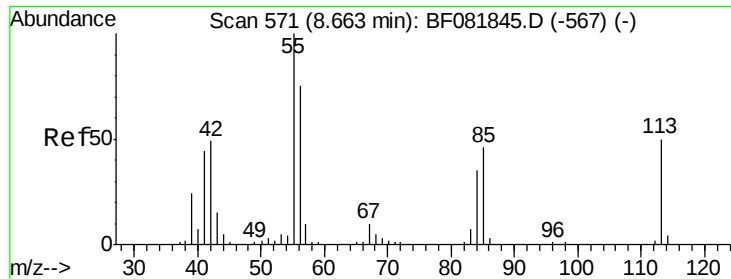


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.68 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

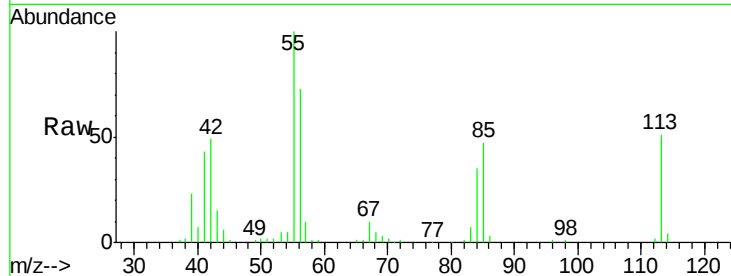
Tgt Ion:113 Resp: 63203

Ion Ratio Lower Upper

113 100

55 197.6 152.4 192.4#

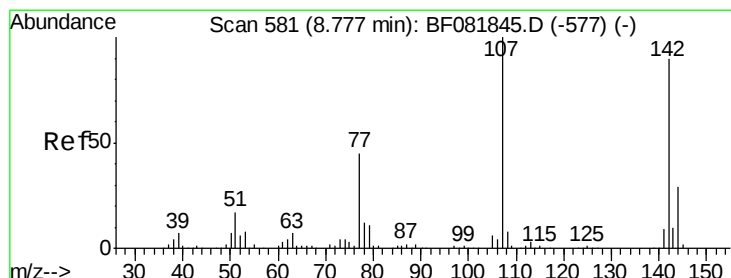
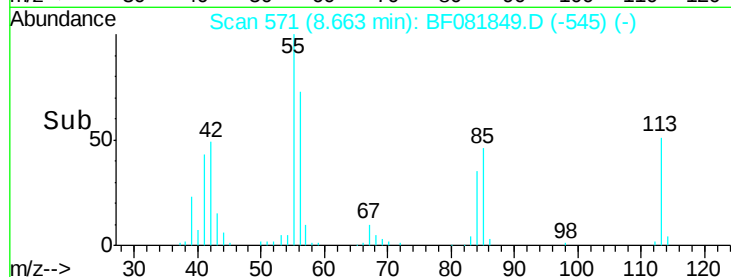
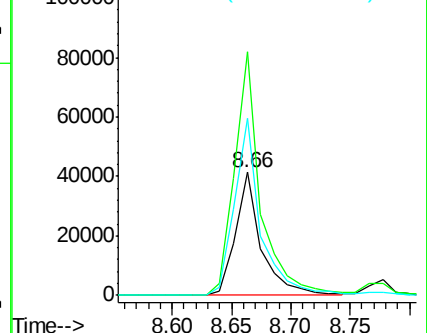
56 143.8 104.6 144.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.63 ng

RT: 8.78 min Scan# 581

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

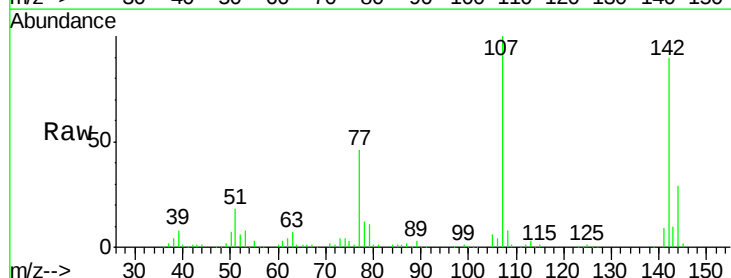
Tgt Ion:107 Resp: 222982

Ion Ratio Lower Upper

107 100

144 29.2 25.4 38.0

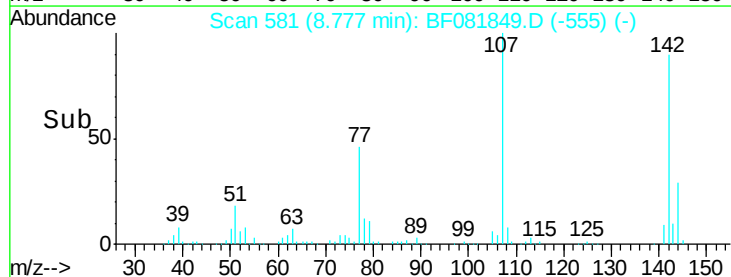
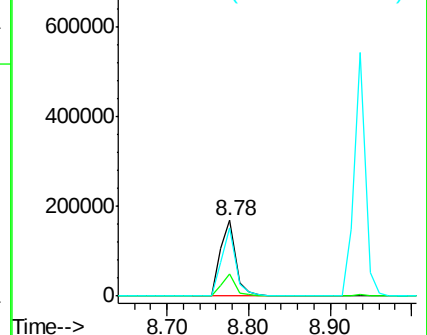
142 89.8 77.3 115.9

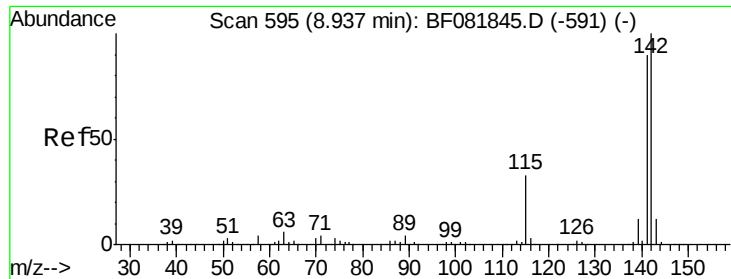


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

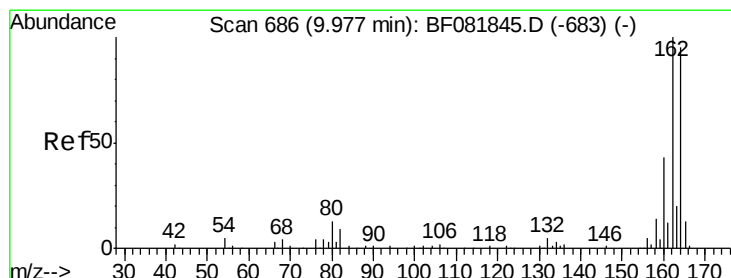
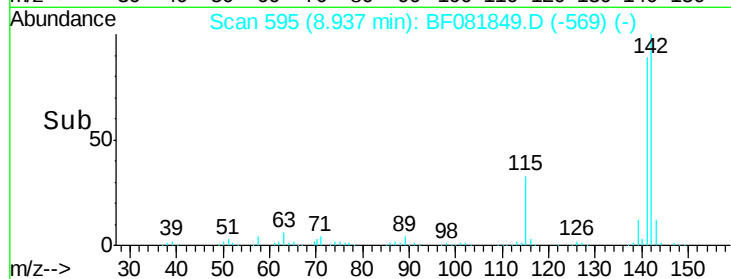
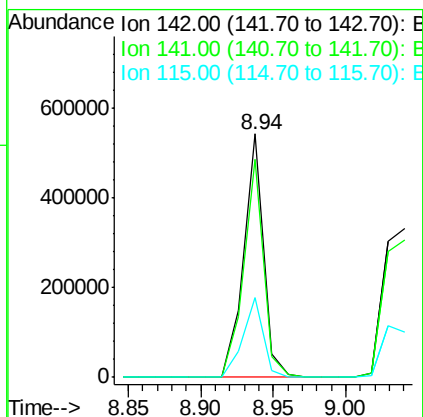
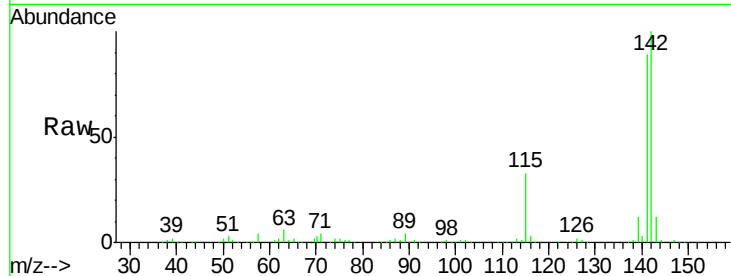




#37
 2-Methylnaphthalene
 Concen: 39.69 ng
 RT: 8.94 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

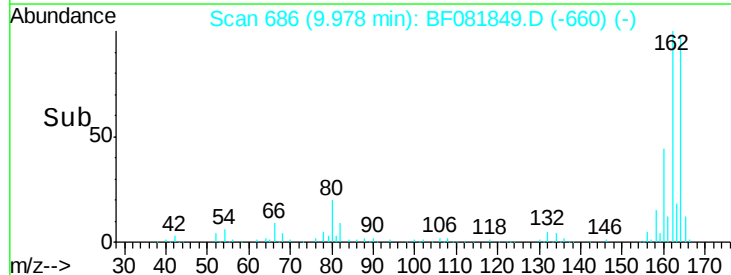
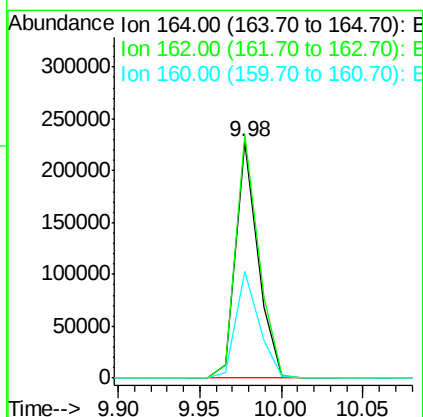
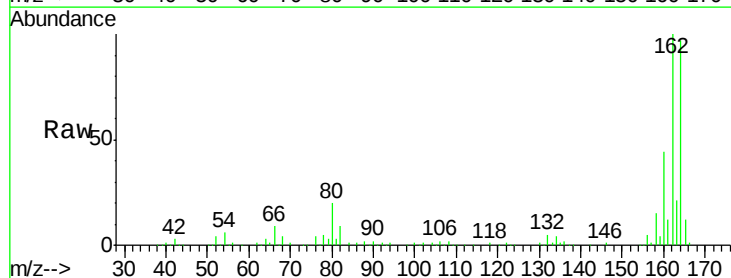
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:142 Resp: 517927
 Ion Ratio Lower Upper
 142 100
 141 89.5 67.5 101.3
 115 32.9 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:164 Resp: 212884
 Ion Ratio Lower Upper
 164 100
 162 103.2 75.2 112.8
 160 45.3 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.00 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

Tgt Ion:216 Resp: 241843

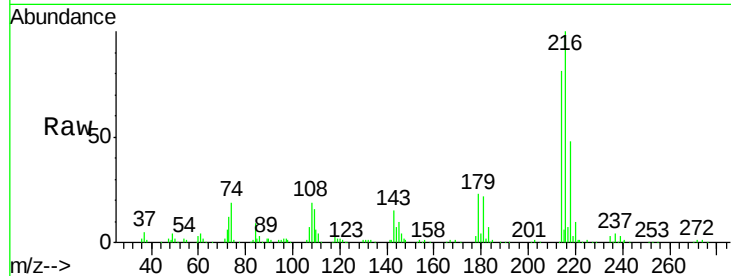
Ion Ratio Lower Upper

216 100

214 79.5 63.5 95.3

179 21.7 16.6 24.8

108 18.2 16.3 24.5

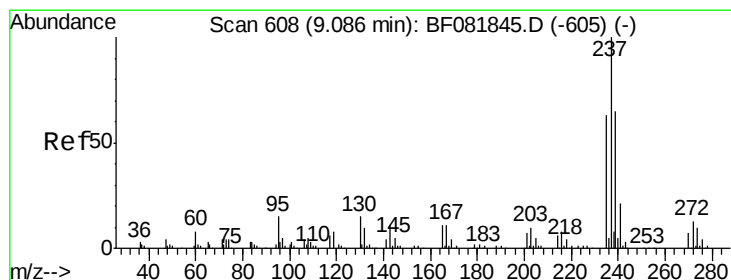
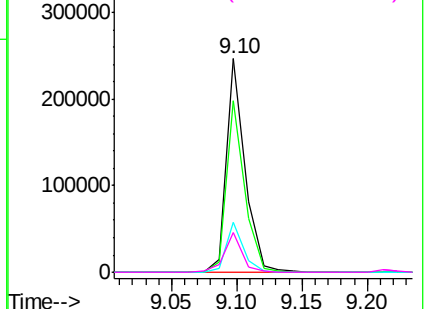
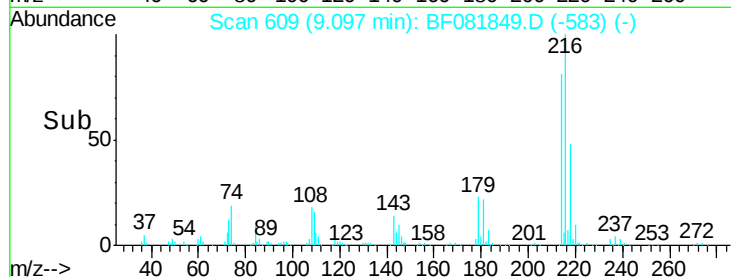


Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.22 ng

RT: 9.09 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

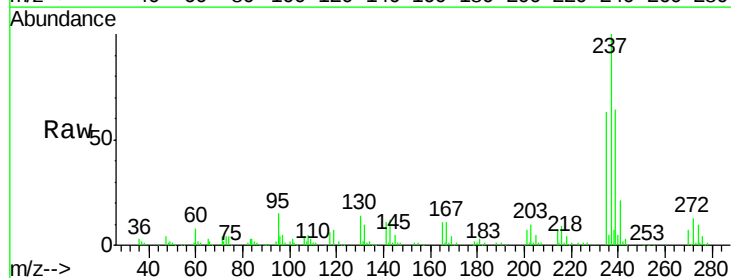
Tgt Ion:237 Resp: 138721

Ion Ratio Lower Upper

237 100

235 63.0 42.0 82.0

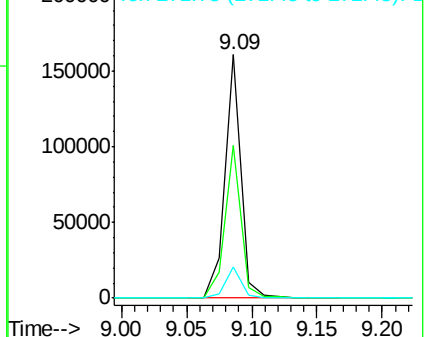
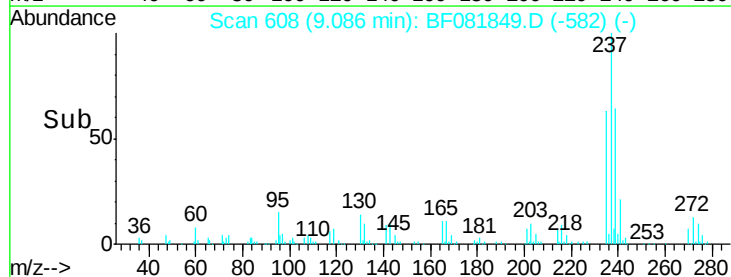
272 12.9 0.0 36.1

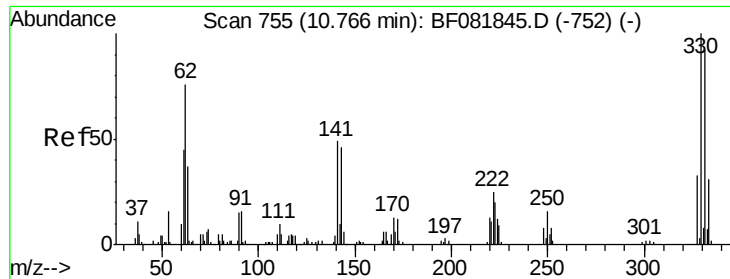


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

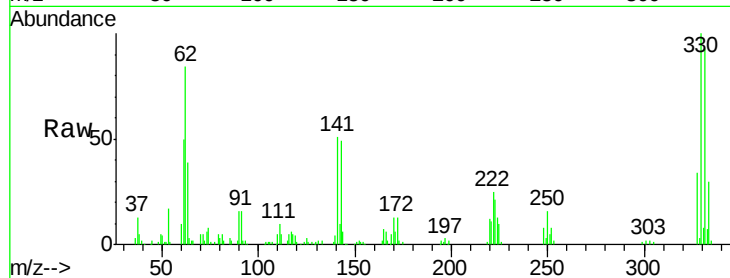




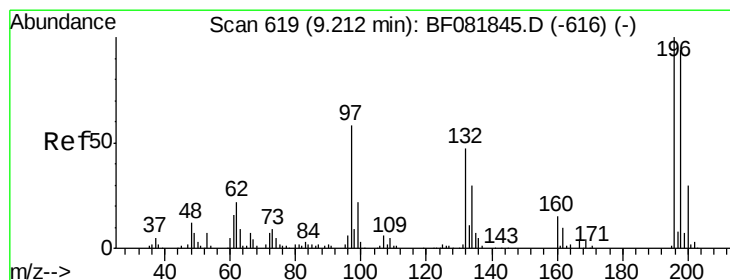
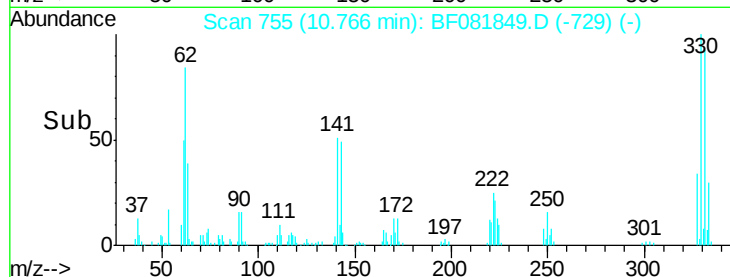
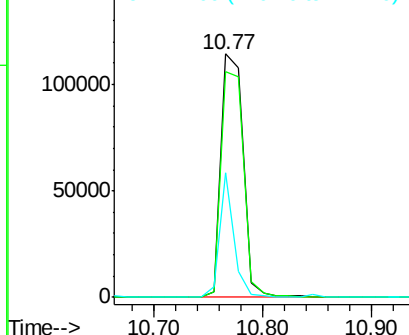
#41
 2,4,6-Tribromophenol
 Concen: 75.25 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:330 Resp: 162237
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 114.8
 141 33.2 29.7 44.5

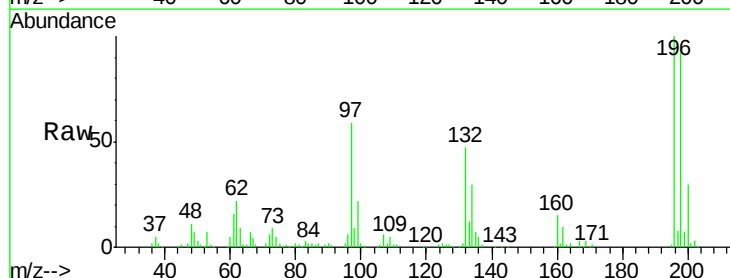


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

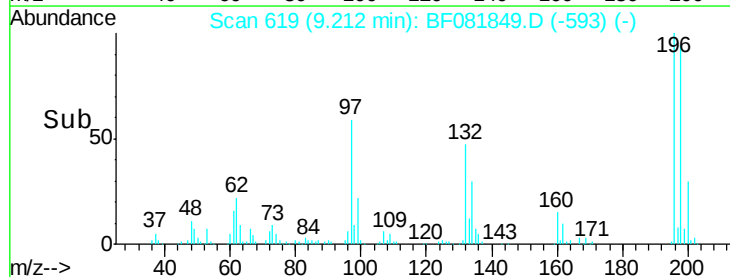
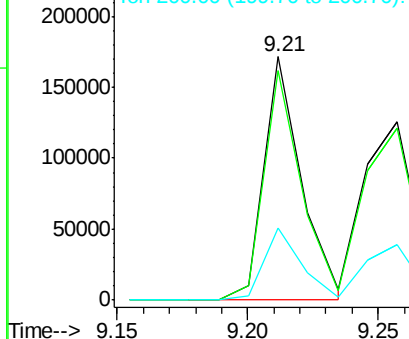


#42
 2,4,6-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:196 Resp: 172115
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.7 113.5
 200 29.8 23.9 35.9



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

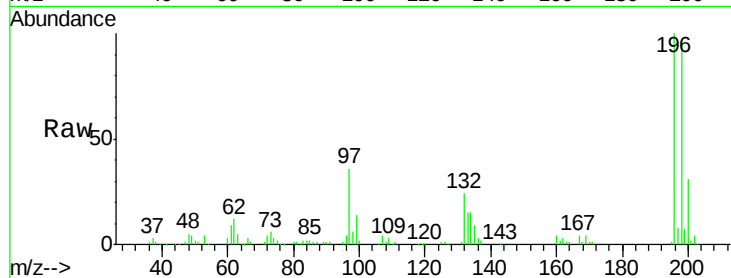




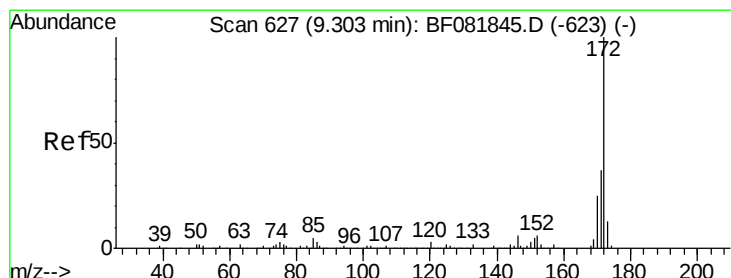
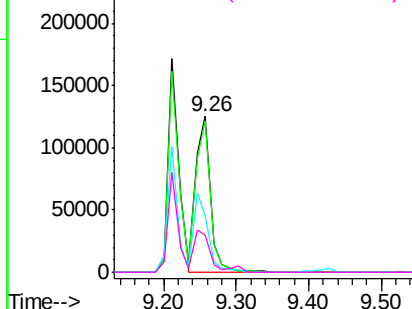
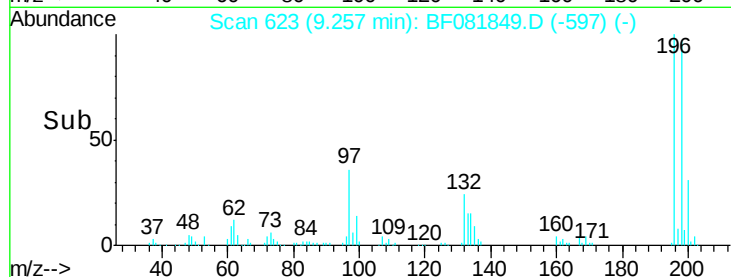
#43
 2,4,5-Trichlorophenol
 Concen: 38.69 ng
 RT: 9.26 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:196 Resp: 178247
 Ion Ratio Lower Upper
 196 100
 198 96.8 75.4 113.0
 97 35.9 33.3 49.9
 132 23.7 24.6 37.0#

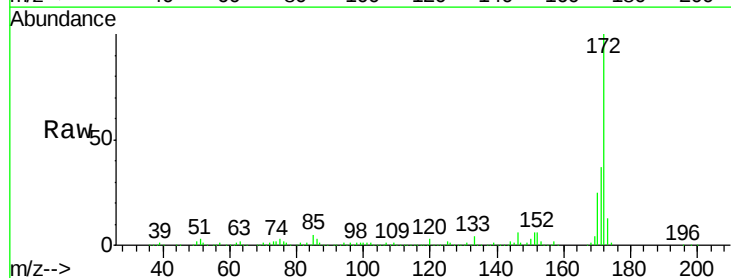


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

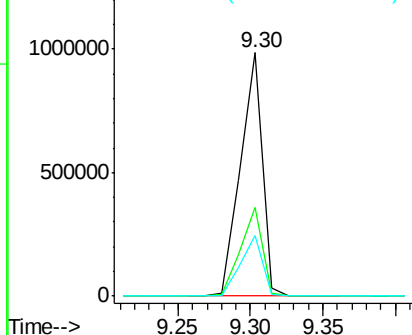
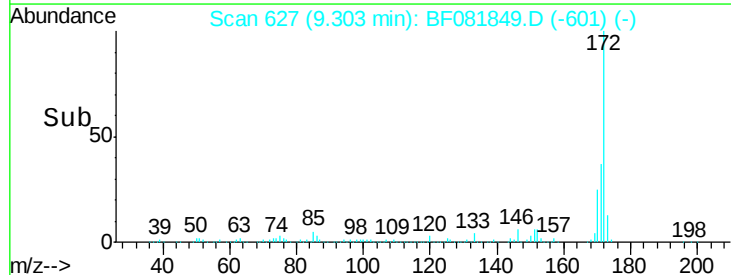


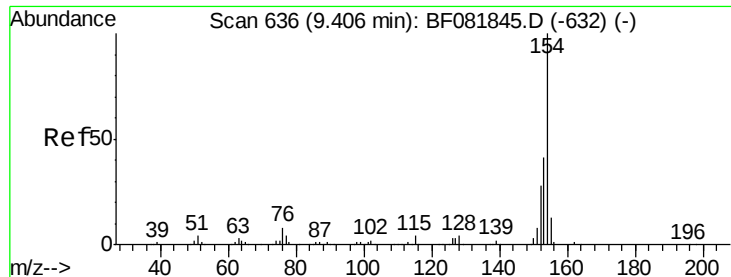
#44
 2-Fluorobiphenyl
 Concen: 80.44 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:172 Resp: 1034113
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.8 17.4 26.2



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





#45

1,1'-Biphenyl

Concen: 37.14 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

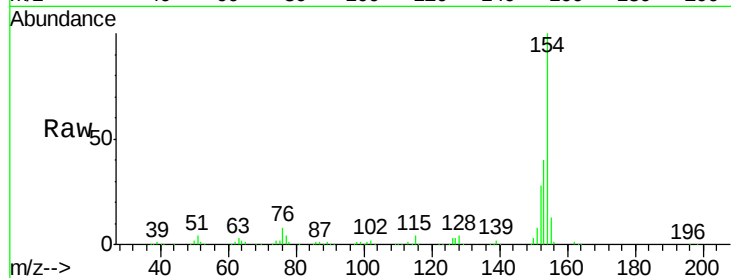
Tgt Ion:154 Resp: 610047

Ion Ratio Lower Upper

154 100

153 40.3 17.1 57.1

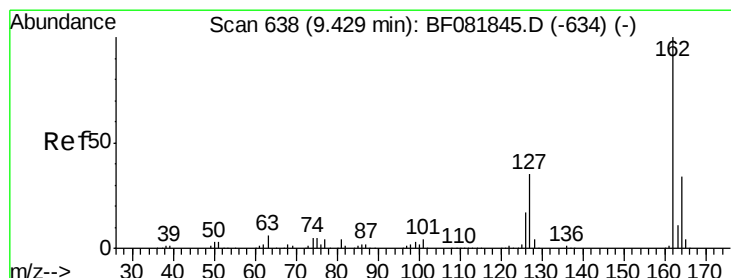
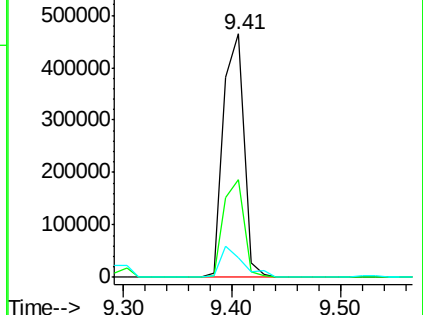
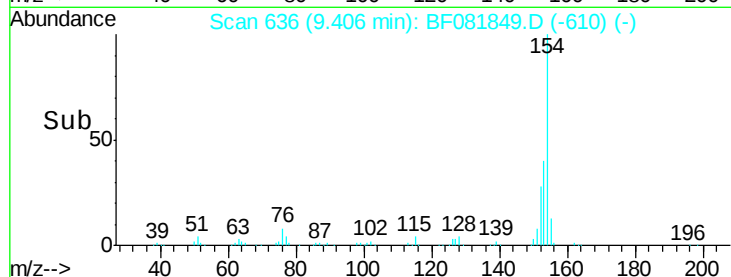
76 8.0 0.0 31.6



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: 39.11 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

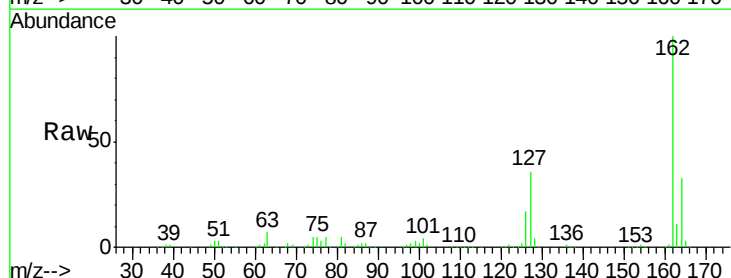
Tgt Ion:162 Resp: 504307

Ion Ratio Lower Upper

162 100

127 36.1 27.6 41.4

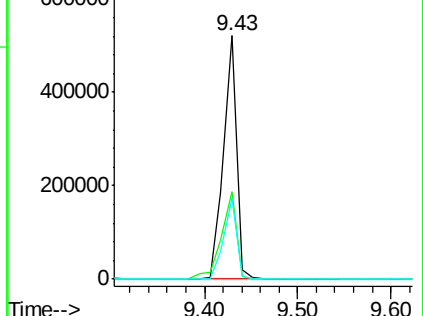
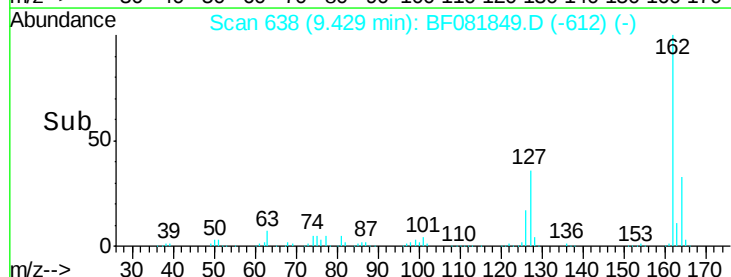
164 33.3 25.4 38.2

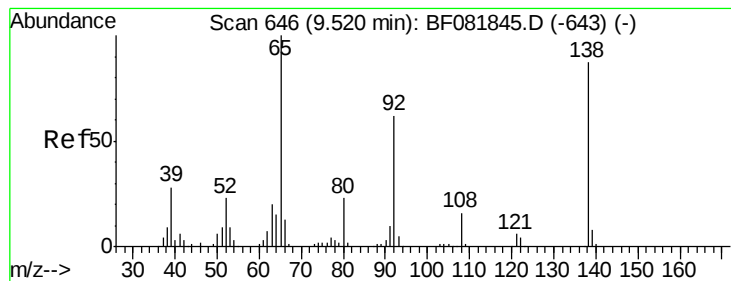


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.28 ng

RT: 9.52 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

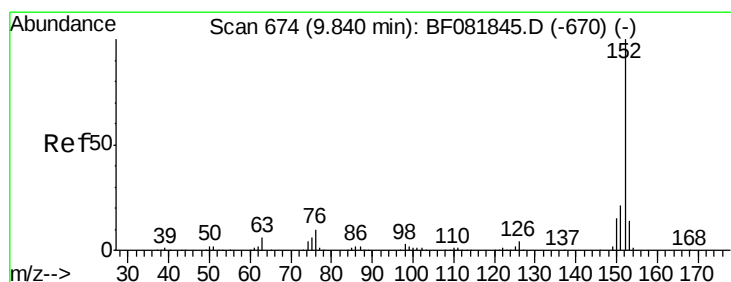
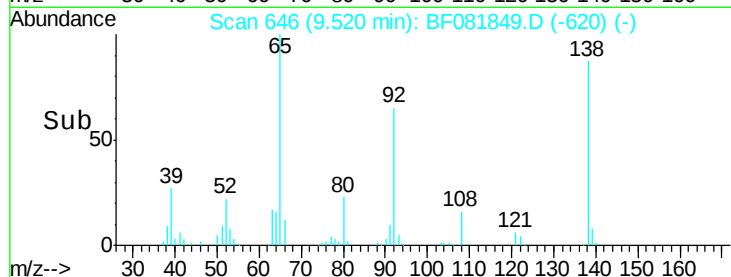
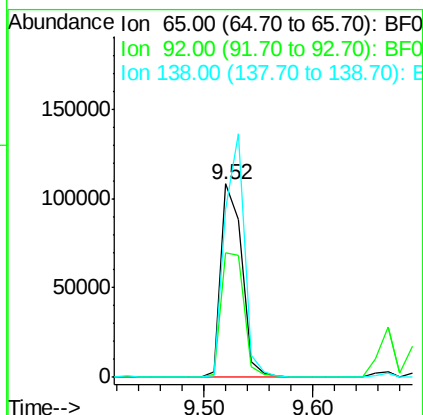
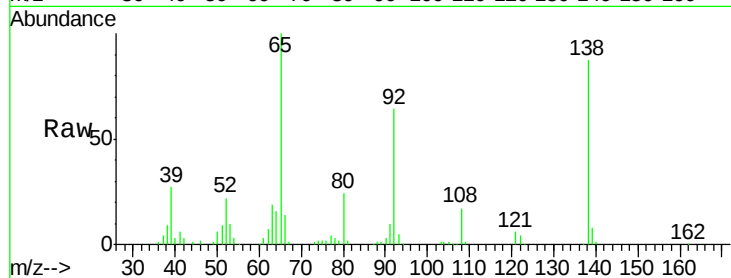
Tgt Ion: 65 Resp: 144907

Ion Ratio Lower Upper

65 100

92 64.5 55.4 83.0

138 87.2 115.5 173.3#



#48

Acenaphthylene

Concen: 36.66 ng

RT: 9.84 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

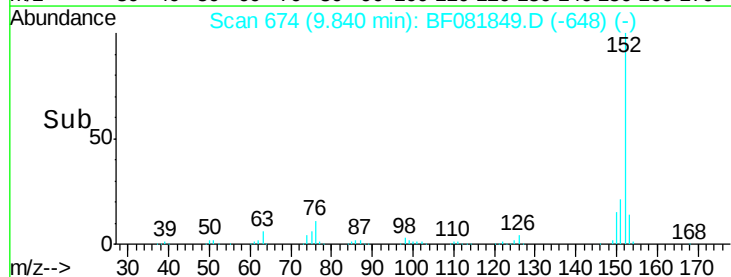
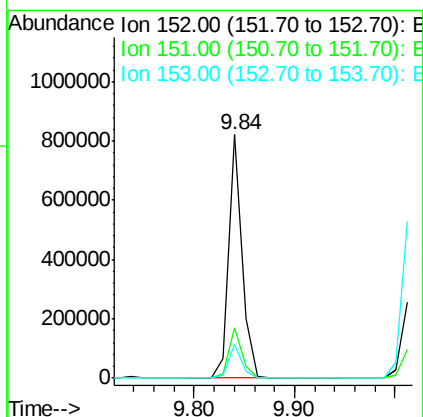
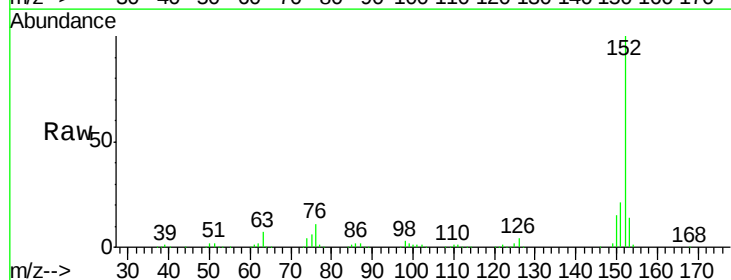
Tgt Ion: 152 Resp: 756588

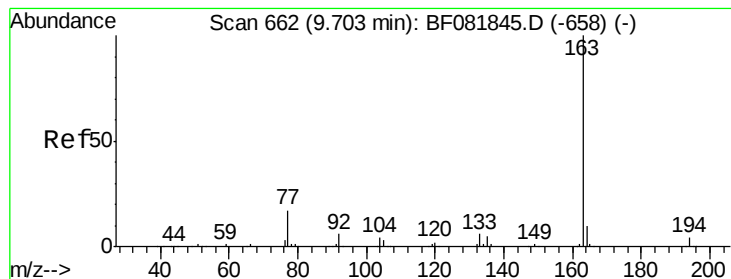
Ion Ratio Lower Upper

152 100

151 20.8 14.6 22.0

153 13.7 10.3 15.5





#49

Dimethylphthalate

Concen: 38.73 ng

RT: 9.70 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

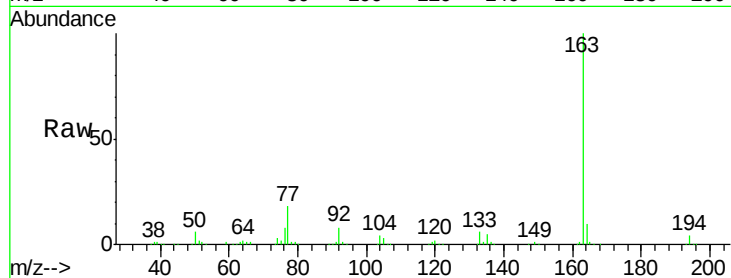
Tgt Ion:163 Resp: 569097

Ion Ratio Lower Upper

163 100

194 3.6 4.4 6.6#

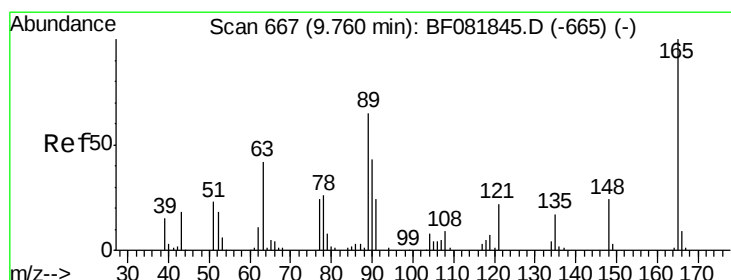
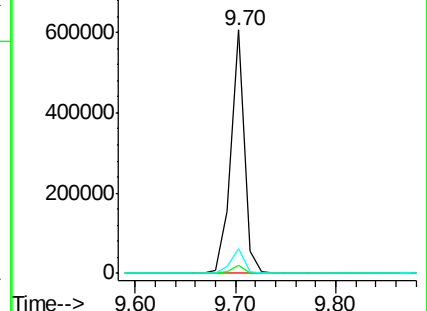
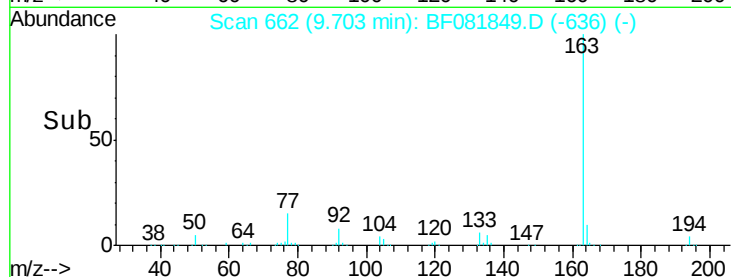
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.48 ng

RT: 9.77 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

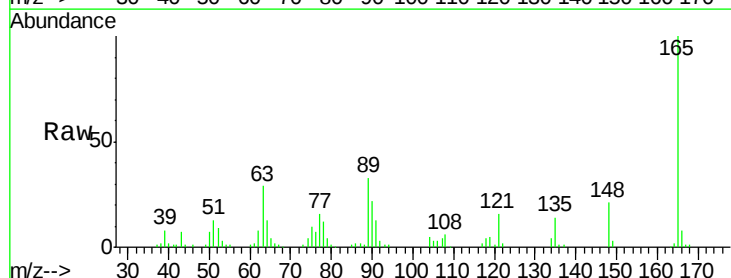
Tgt Ion:165 Resp: 122760

Ion Ratio Lower Upper

165 100

63 28.8 32.3 48.5#

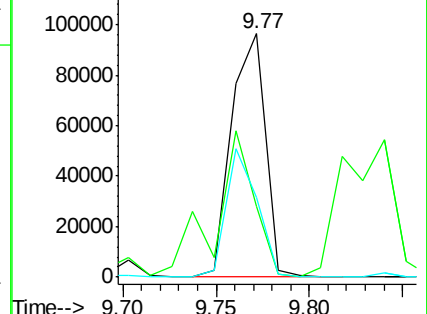
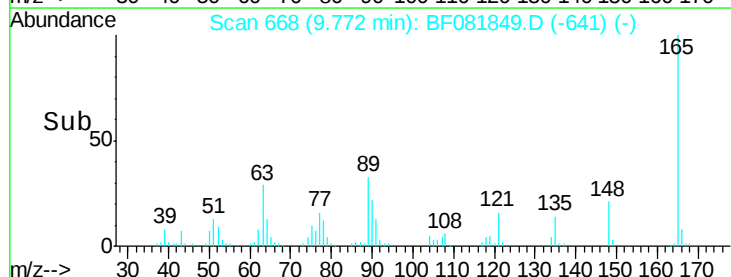
89 32.7 28.6 43.0

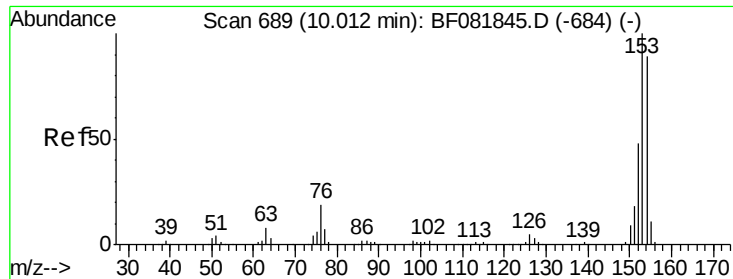


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.32 ng

RT: 10.01 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

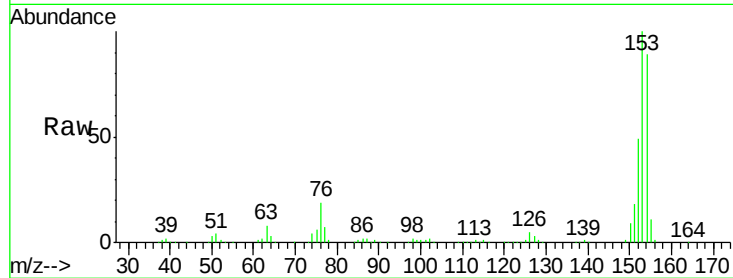
Tgt Ion:154 Resp: 457428

Ion Ratio Lower Upper

154 100

153 111.7 82.1 123.1

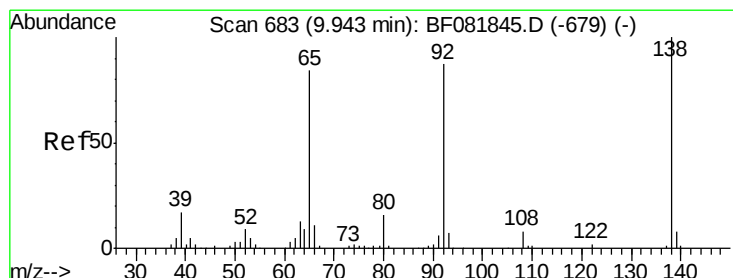
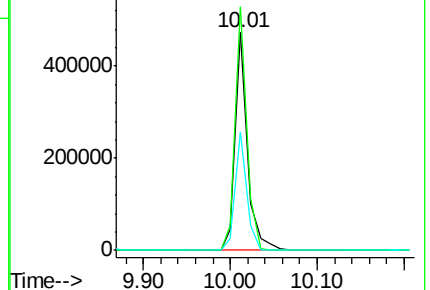
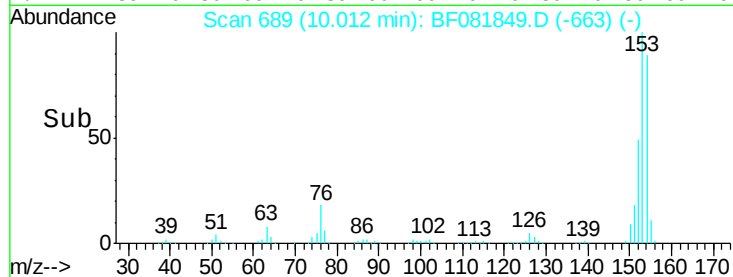
152 54.4 37.9 56.9



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: 40.08 ng

RT: 9.94 min Scan# 683

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

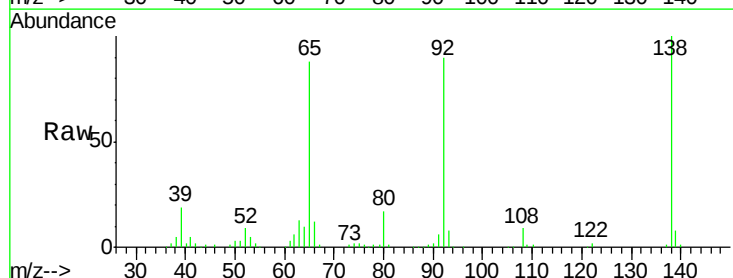
Tgt Ion:138 Resp: 147933

Ion Ratio Lower Upper

138 100

108 8.8 5.7 8.5#

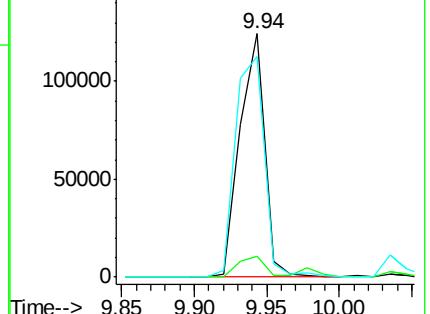
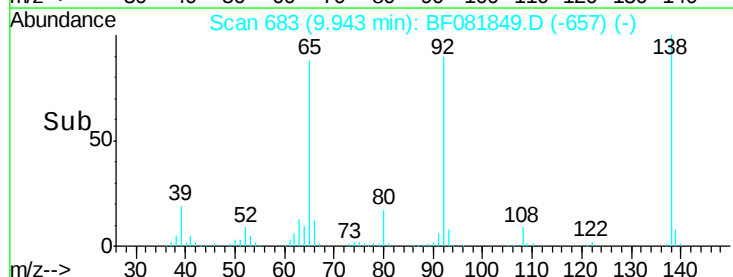
92 90.4 67.7 101.5



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

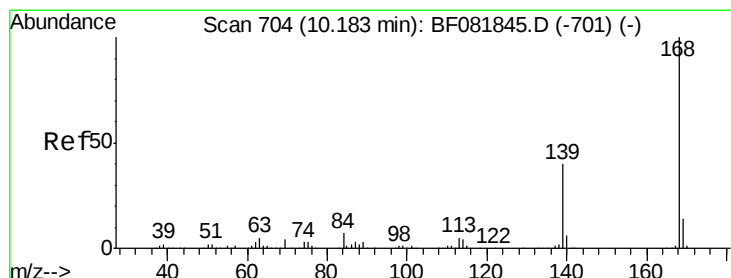
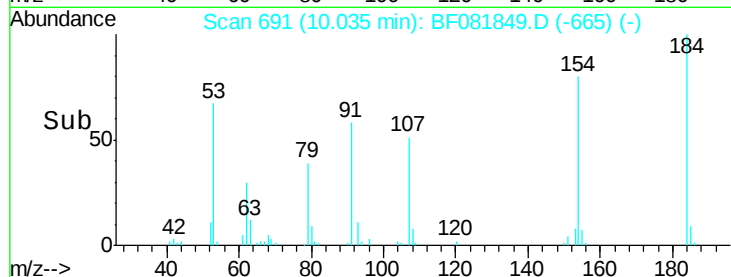
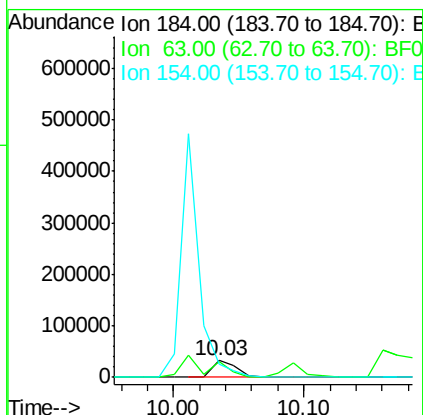
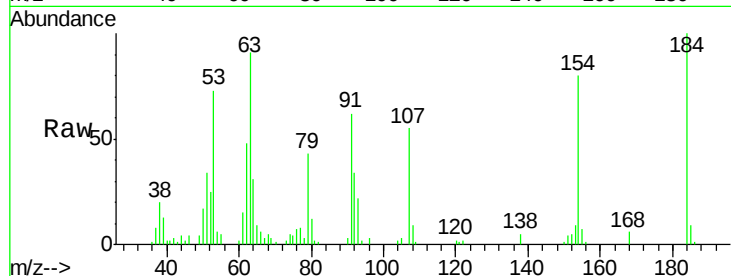




#53
2,4-Dinitrophenol
Concen: 42.00 ng
RT: 10.03 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

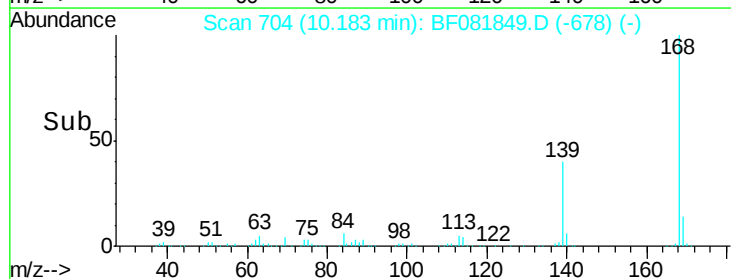
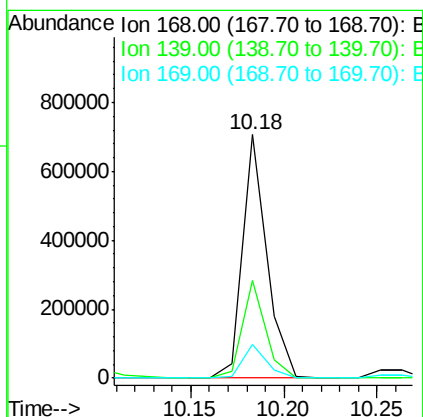
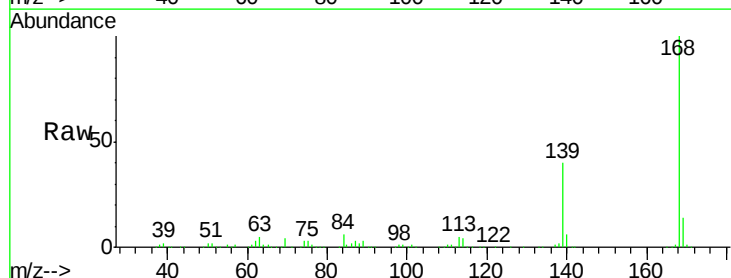
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

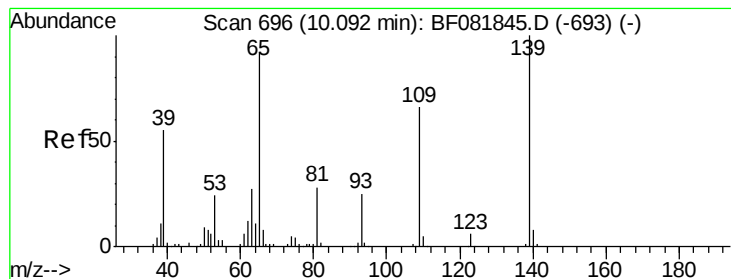
Tgt Ion:184 Resp: 43932
Ion Ratio Lower Upper
184 100
63 90.5 35.4 53.2#
154 80.1 32.2 48.4#



#54
Dibenzofuran
Concen: 37.13 ng
RT: 10.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:168 Resp: 643235
Ion Ratio Lower Upper
168 100
139 40.1 24.2 36.2#
169 13.9 10.6 15.8





#55

4-Nitrophenol

Concen: 40.32 ng

RT: 10.09 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

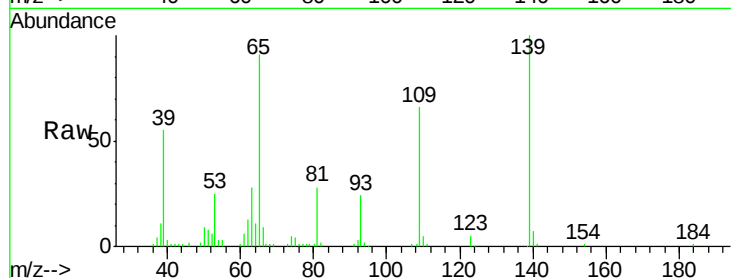
Tgt Ion:139 Resp: 107534

Ion Ratio Lower Upper

139 100

109 66.1 12.7 52.7#

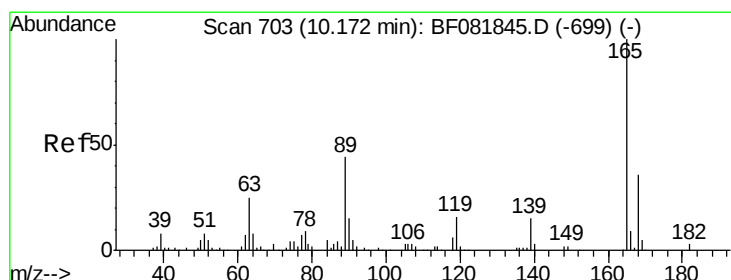
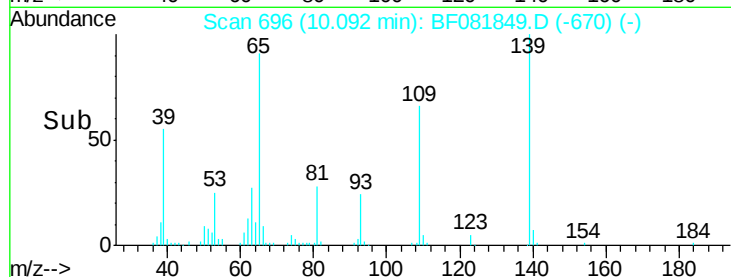
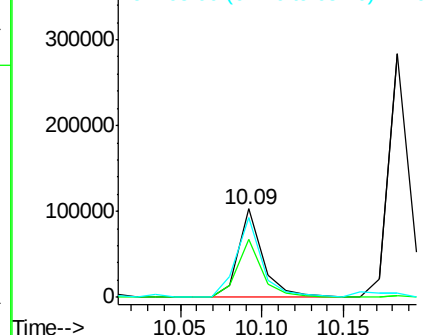
65 90.7 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 41.19 ng

RT: 10.17 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Tgt Ion:165 Resp: 167516

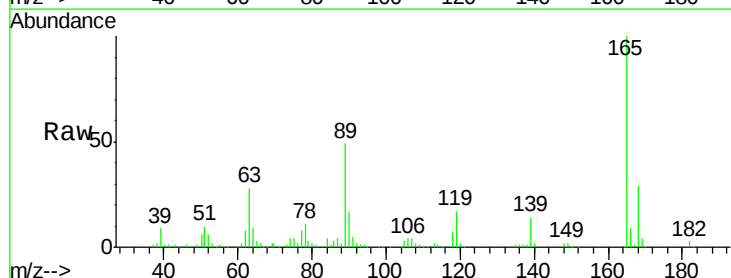
Ion Ratio Lower Upper

165 100

63 28.4 29.8 44.6#

89 49.3 44.5 66.7

182 2.5 3.0 4.4#

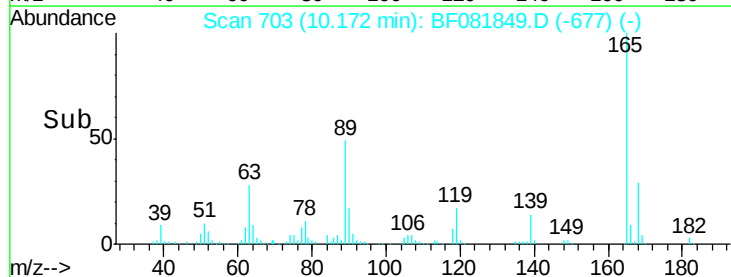
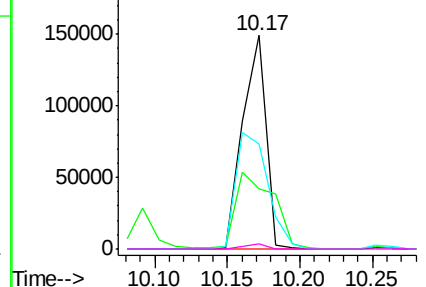


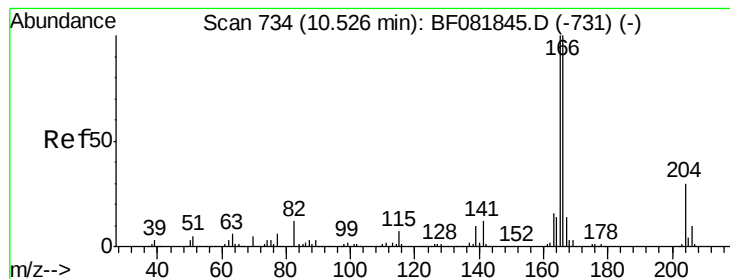
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.77 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

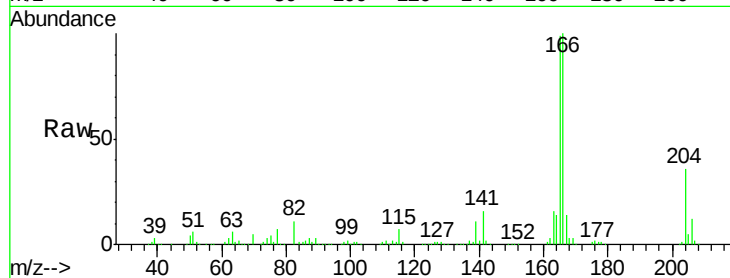
Tgt Ion:166 Resp: 495767

Ion Ratio Lower Upper

166 100

165 98.8 72.6 109.0

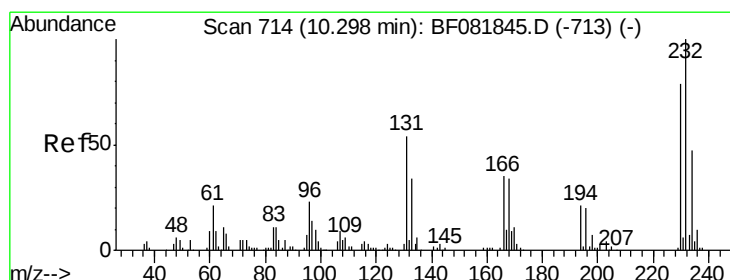
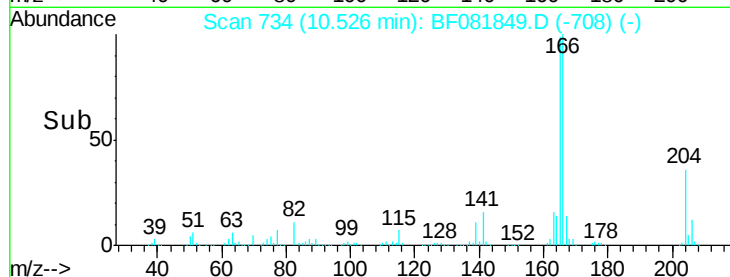
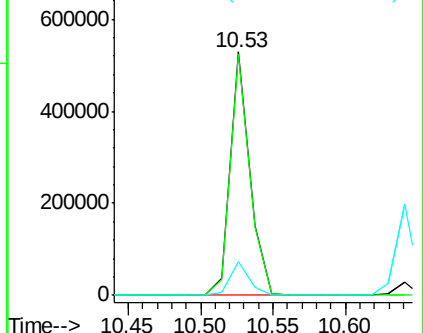
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.89 ng

RT: 10.30 min Scan# 714

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Tgt Ion:232 Resp: 142124

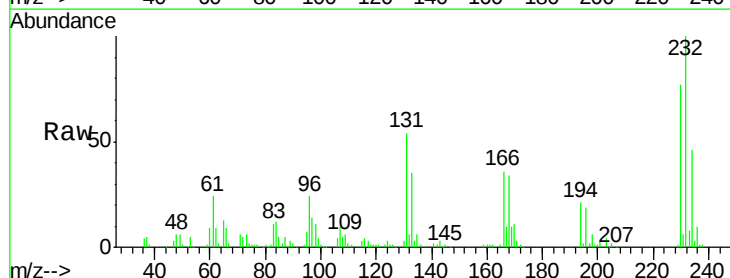
Ion Ratio Lower Upper

232 100

131 43.4 38.5 57.7

130 1.9 1.8 2.6

166 29.9 25.0 37.6

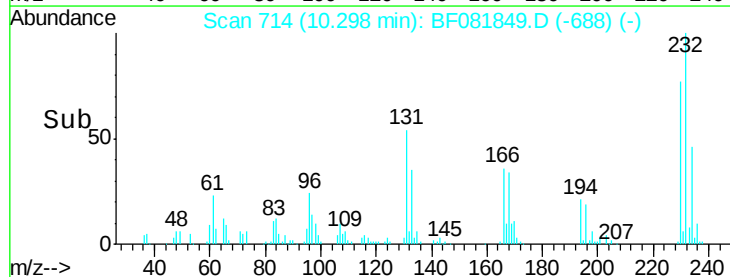
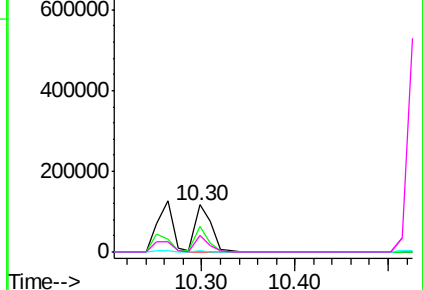


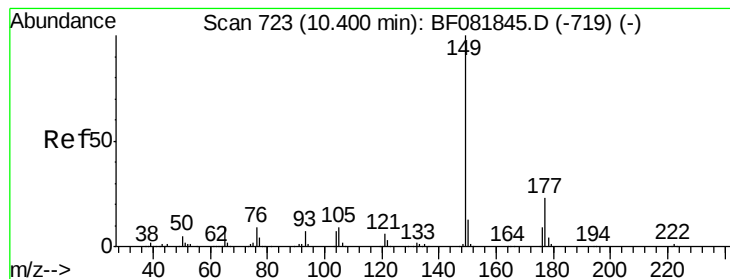
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.30 ng

RT: 10.40 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

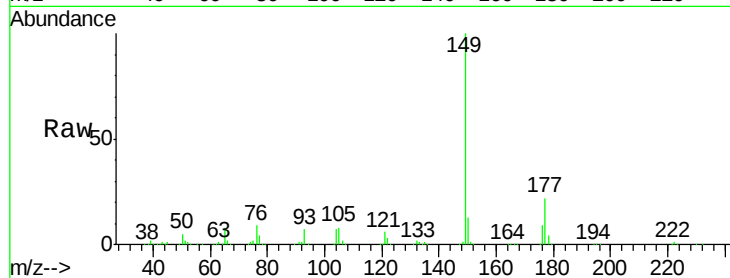
Tgt Ion:149 Resp: 539454

Ion Ratio Lower Upper

149 100

177 22.4 17.5 26.3

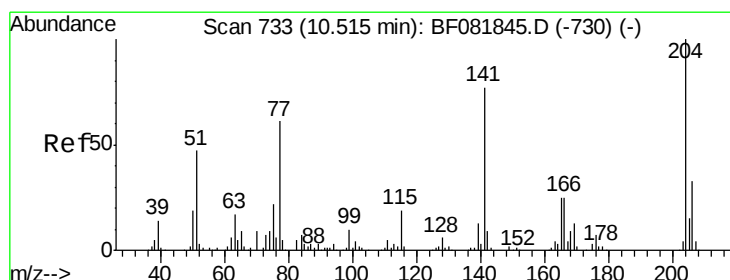
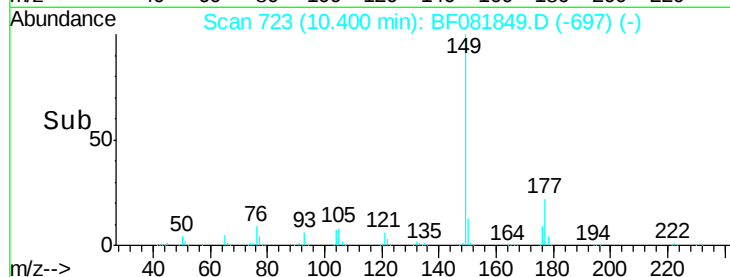
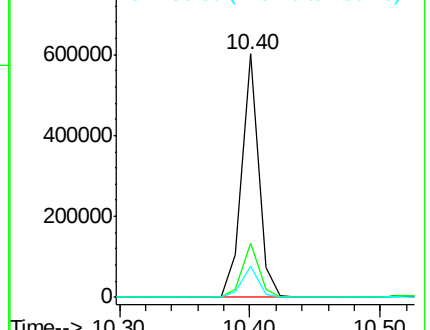
150 12.7 9.4 14.2



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: 36.87 ng

RT: 10.53 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

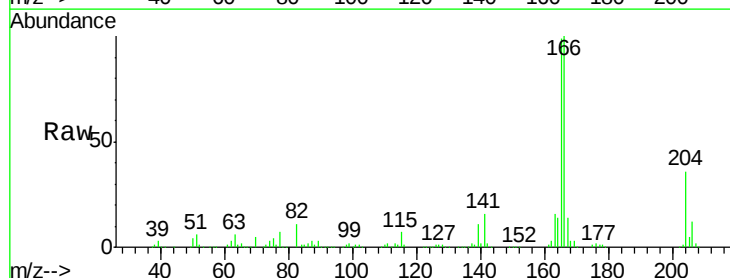
Tgt Ion:204 Resp: 233822

Ion Ratio Lower Upper

204 100

206 35.0 24.8 37.2

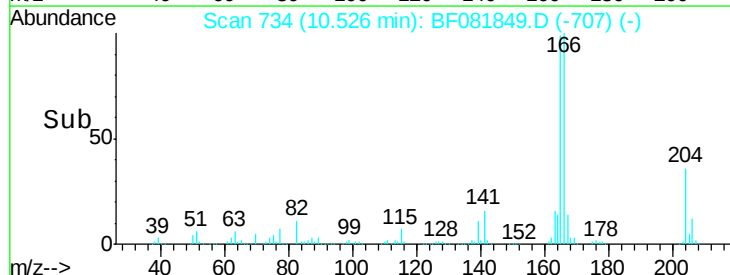
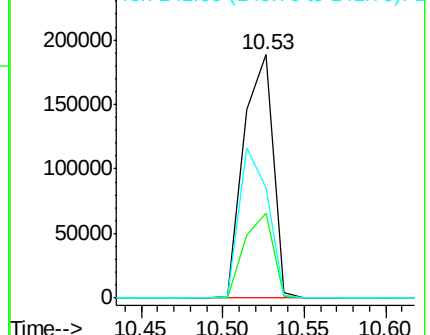
141 45.6 42.2 63.4

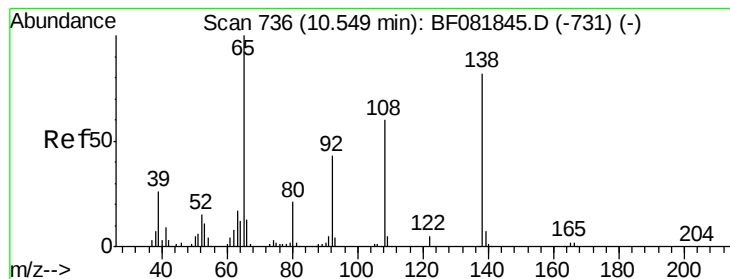


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 38.76 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

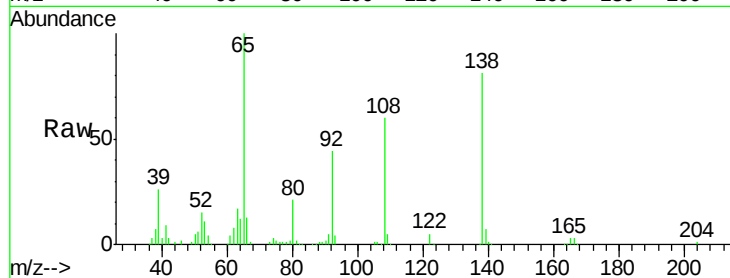
Tgt Ion:138 Resp: 143436

Ion Ratio Lower Upper

138 100

92 54.6 12.6 52.6#

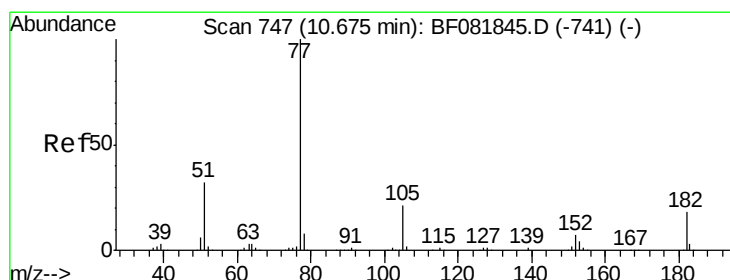
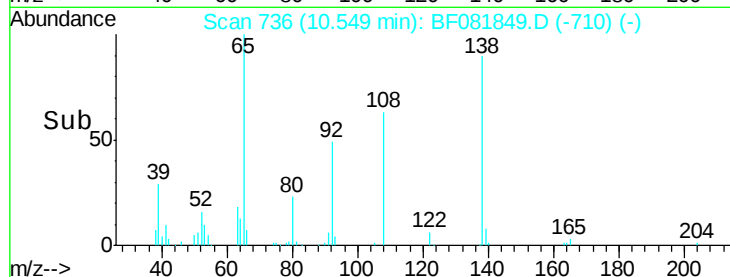
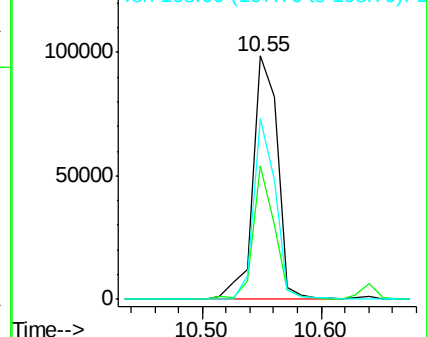
108 74.5 12.4 52.4#



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: 37.55 ng

RT: 10.67 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Tgt Ion: 77 Resp: 503012

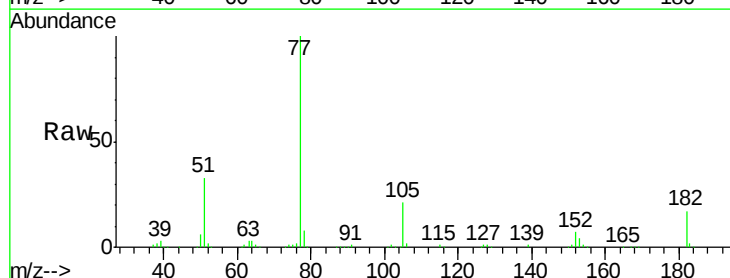
Ion Ratio Lower Upper

77 100

182 16.9 15.1 55.1

105 20.9 3.4 43.4

51 32.5 12.0 52.0

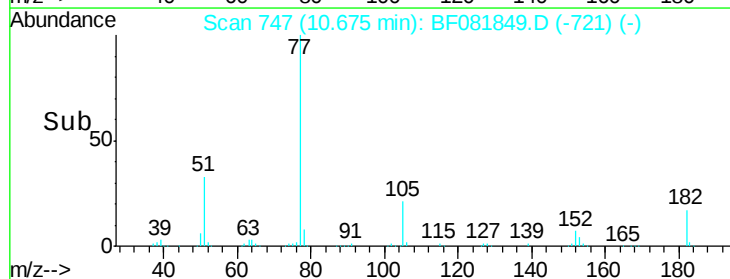
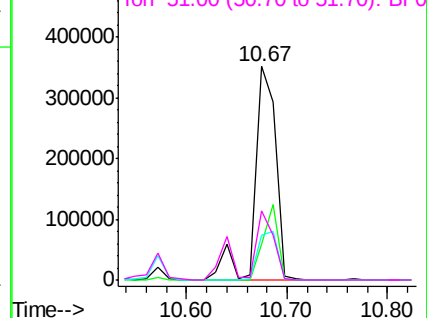


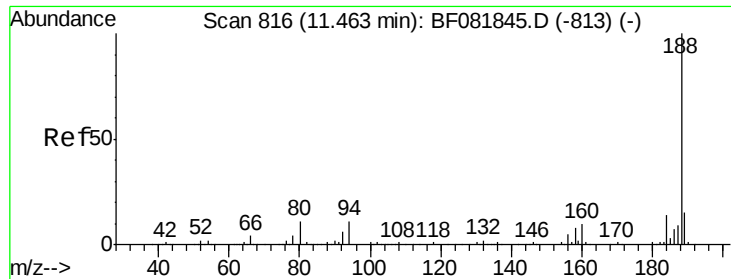
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

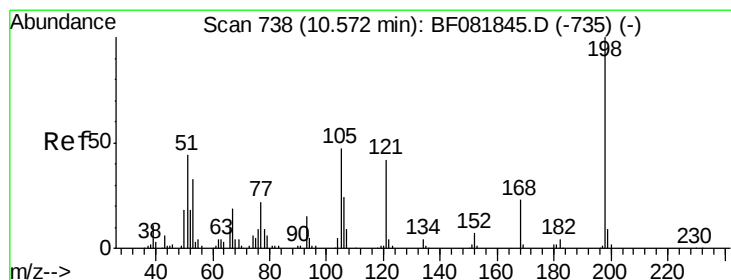
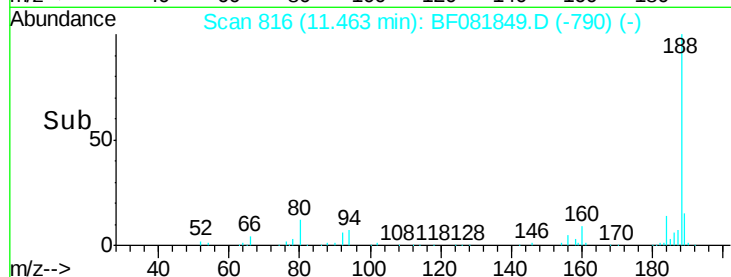
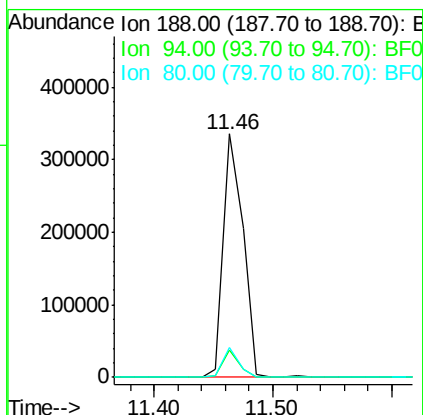
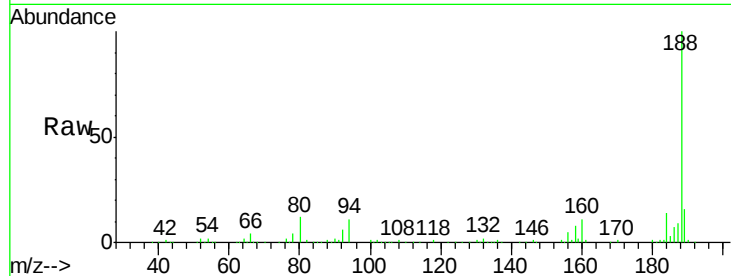




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

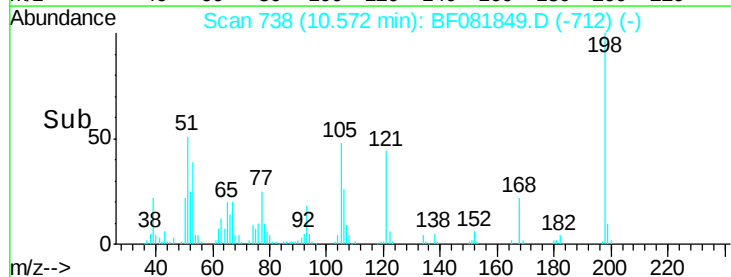
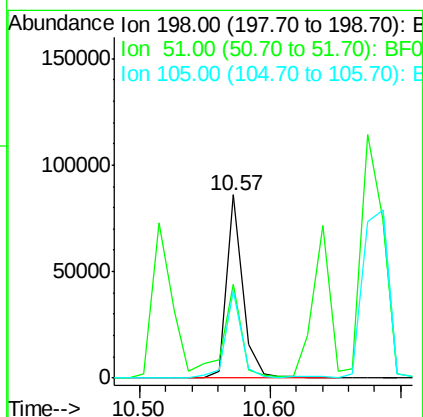
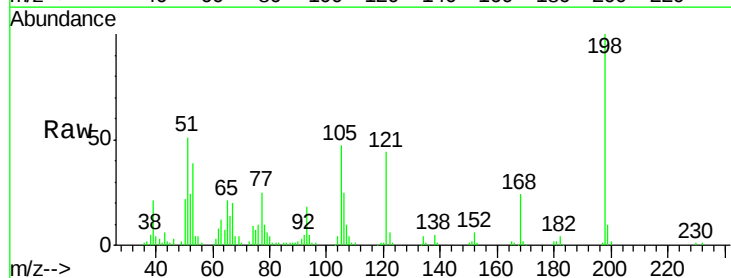
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

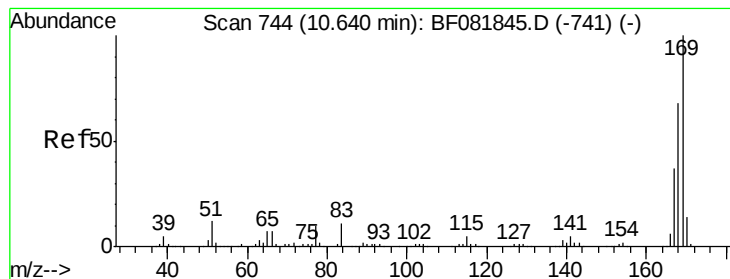
Tgt Ion:188 Resp: 384675
 Ion Ratio Lower Upper
 188 100
 94 11.2 11.1 16.7
 80 12.3 11.0 16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.61 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:198 Resp: 74450
 Ion Ratio Lower Upper
 198 100
 51 51.1 39.6 79.6
 105 47.5 28.5 68.5

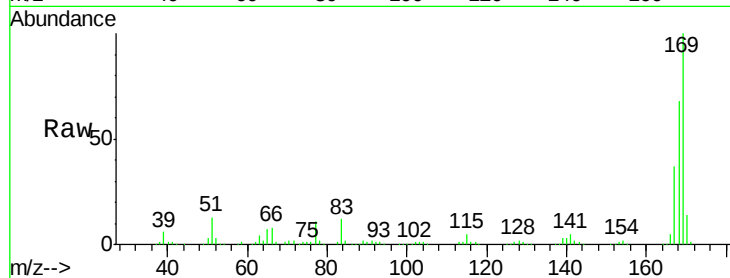




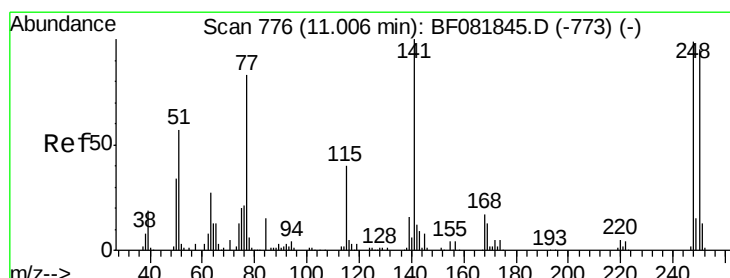
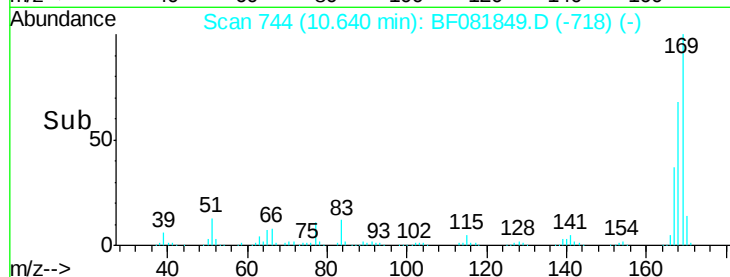
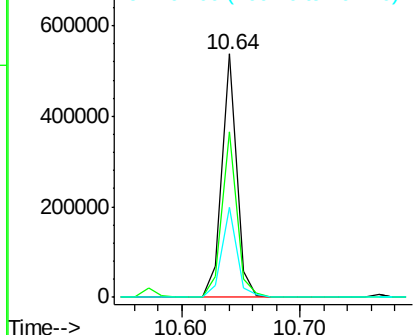
#65
 n-Nitrosodiphenylamine
 Concen: 39.68 ng
 RT: 10.64 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:169 Resp: 461881
 Ion Ratio Lower Upper
 169 100
 168 67.9 48.9 73.3
 167 36.8 26.2 39.4

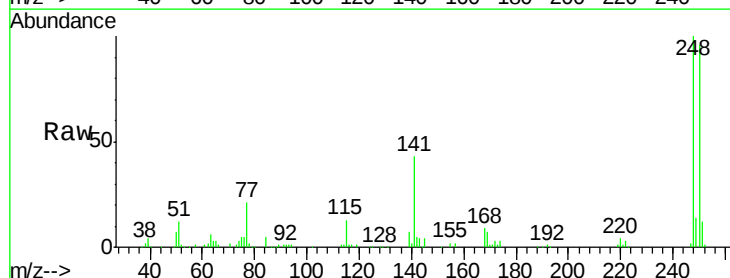


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

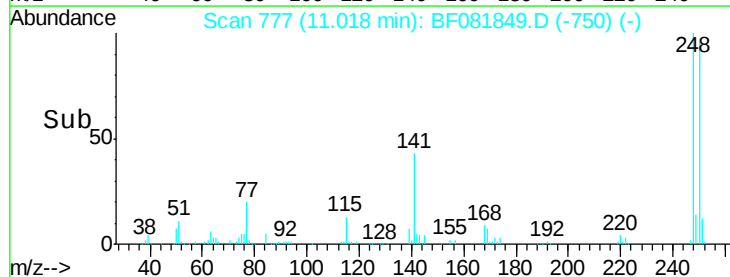
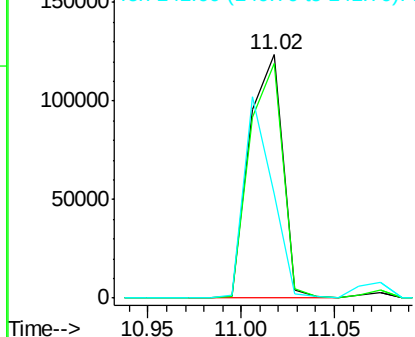


#66
 4-Bromophenyl-phenylether
 Concen: 39.81 ng
 RT: 11.02 min Scan# 777
 Delta R.T. 0.01 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:248 Resp: 154400
 Ion Ratio Lower Upper
 248 100
 250 96.4 78.5 117.7
 141 42.7 59.0 88.6#



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

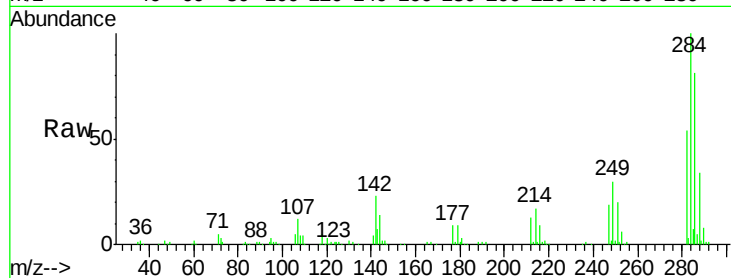




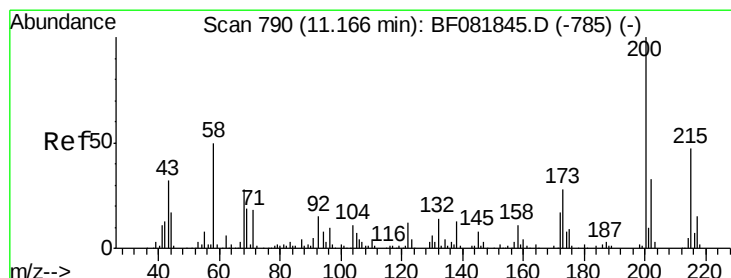
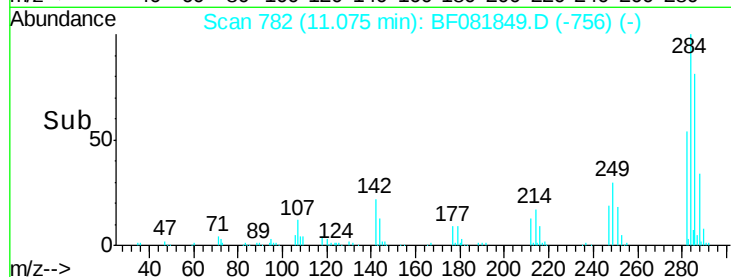
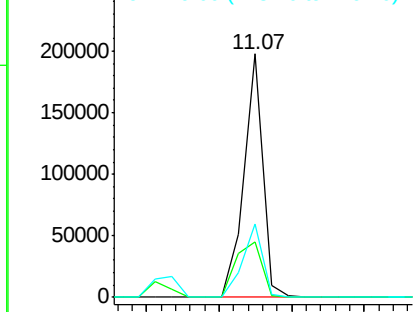
#67
Hexachlorobenzene
Concen: 40.77 ng
RT: 11.07 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Instrument :
BNA_F
ClientSampleId :
ICVBF092815

Tgt Ion:284 Resp: 178459
Ion Ratio Lower Upper
284 100
142 23.0 29.5 44.3#
249 30.3 19.5 29.3#

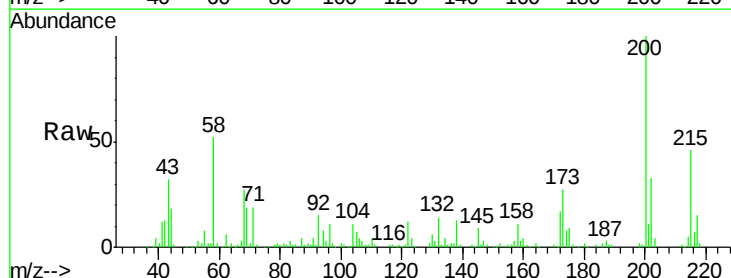


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

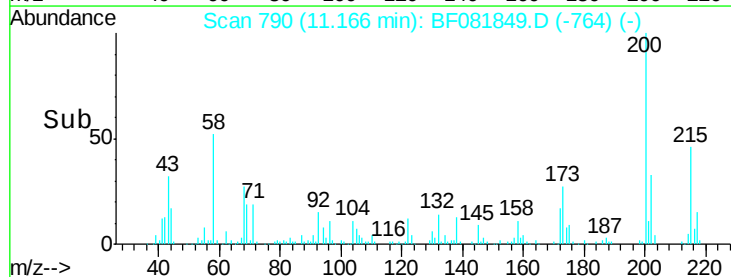
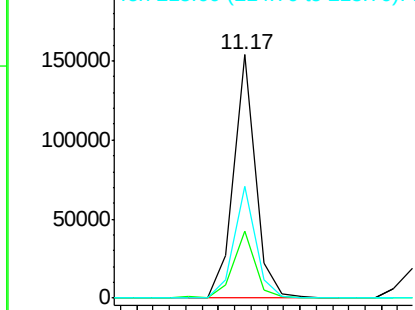


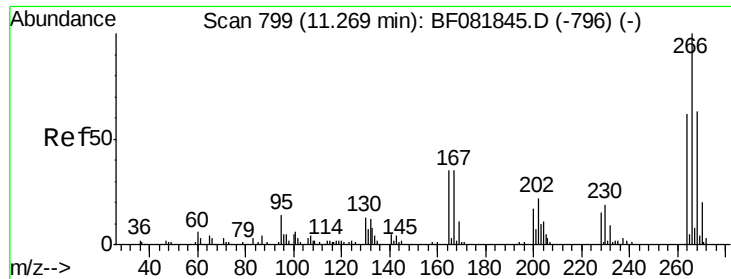
#68
Atrazine
Concen: 39.38 ng
RT: 11.17 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:200 Resp: 142218
Ion Ratio Lower Upper
200 100
173 27.4 13.2 53.2
215 46.0 41.8 81.8



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

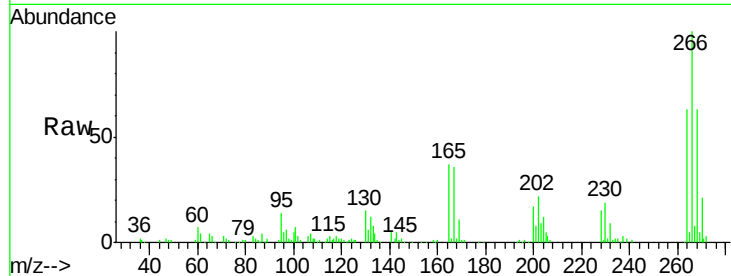




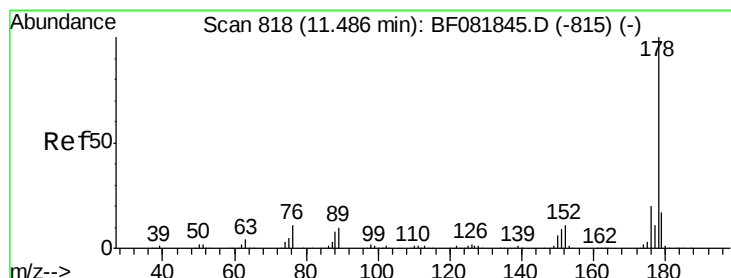
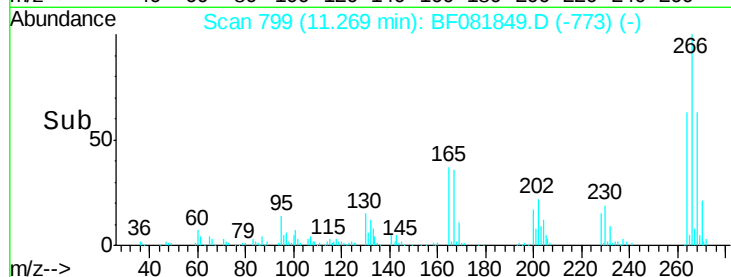
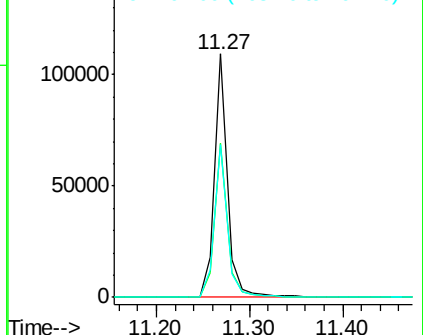
#69
 Pentachlorophenol
 Concen: 42.26 ng
 RT: 11.27 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:266 Resp: 105391
 Ion Ratio Lower Upper
 266 100
 268 63.1 49.8 74.6
 264 62.6 50.2 75.2

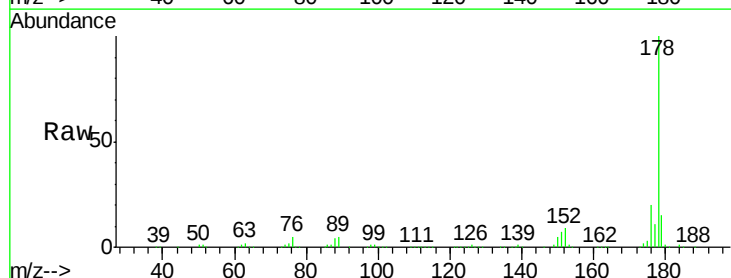


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

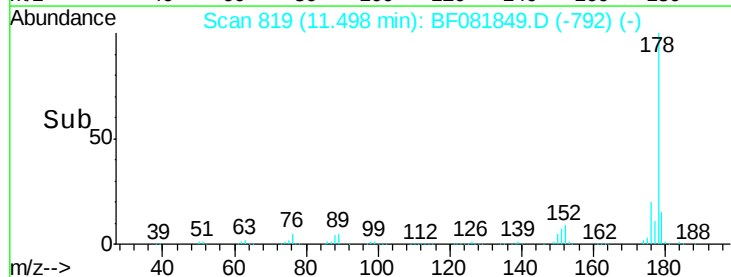
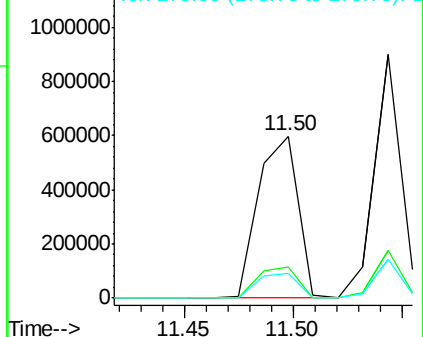


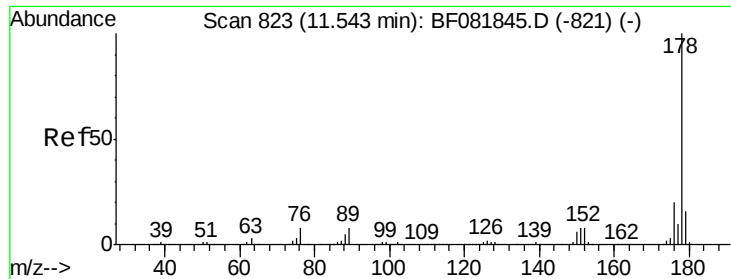
#70
 Phenanthrene
 Concen: 41.31 ng
 RT: 11.50 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:178 Resp: 767206
 Ion Ratio Lower Upper
 178 100
 176 19.5 13.8 20.8
 179 15.4 12.2 18.2



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

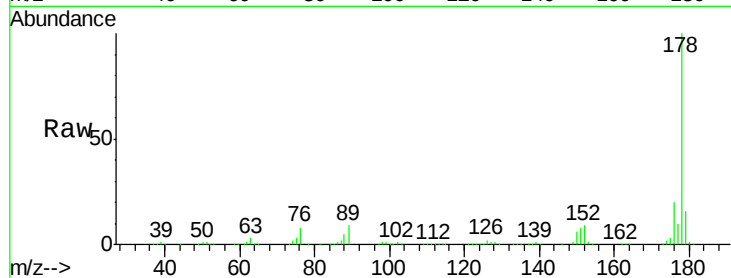




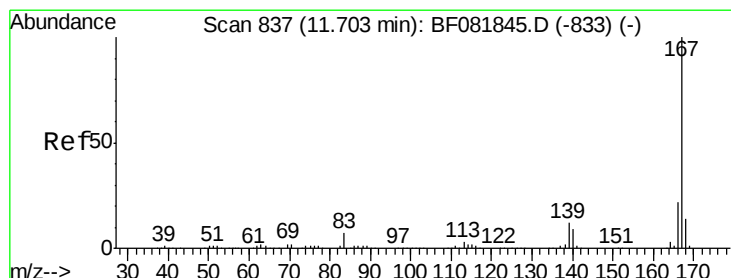
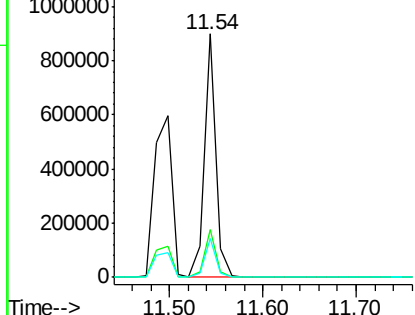
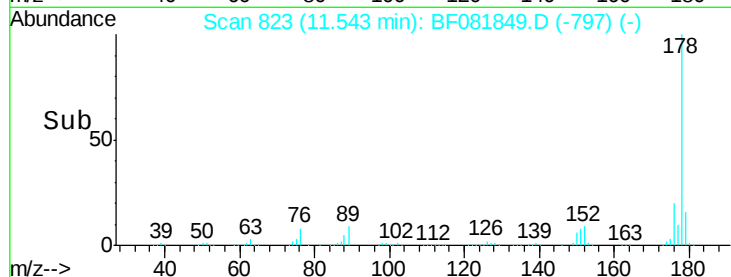
#71
 Anthracene
 Concen: 39.81 ng
 RT: 11.54 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:178 Resp: 778371
 Ion Ratio Lower Upper
 178 100
 176 19.6 14.1 21.1
 179 16.1 12.2 18.2

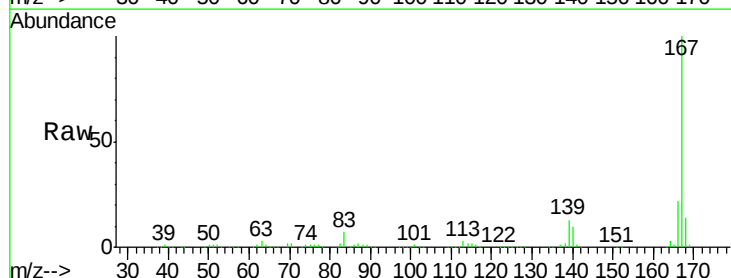


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

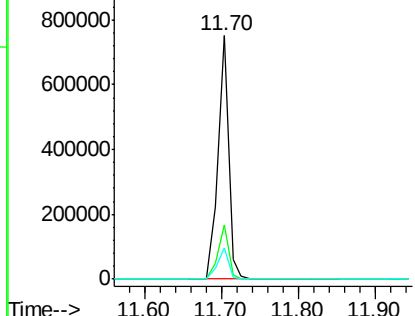
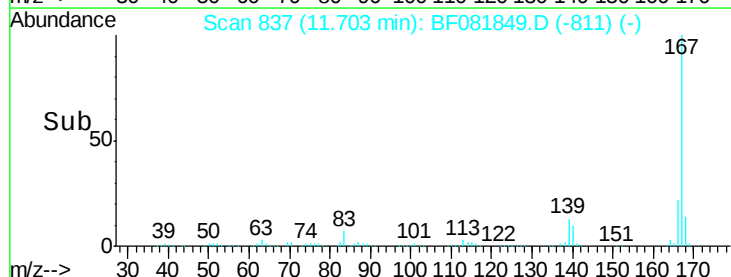


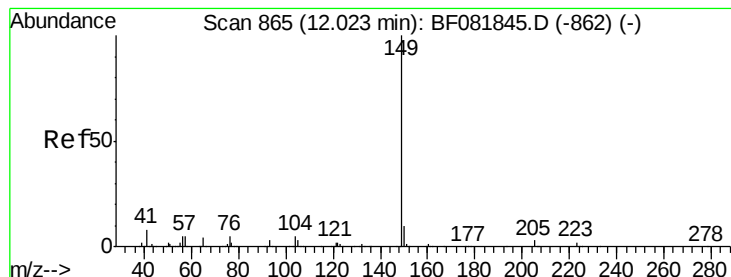
#72
 Carbazole
 Concen: 40.98 ng
 RT: 11.70 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:167 Resp: 725187
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.7 23.5
 139 12.7 9.5 14.3



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: 41.04 ng

RT: 12.02 min Scan# 865

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

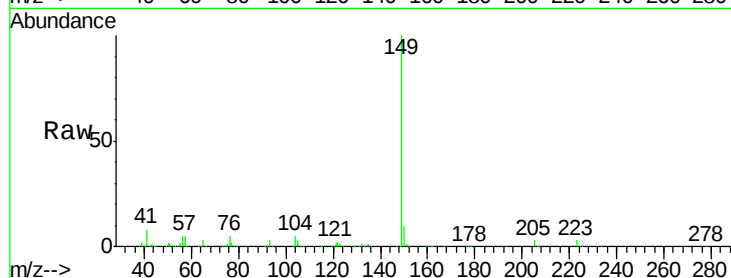
Tgt Ion:149 Resp: 741875

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.2

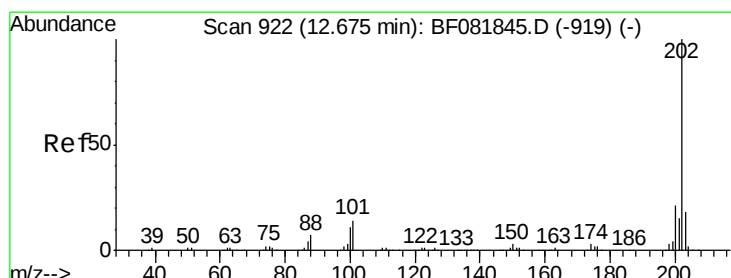
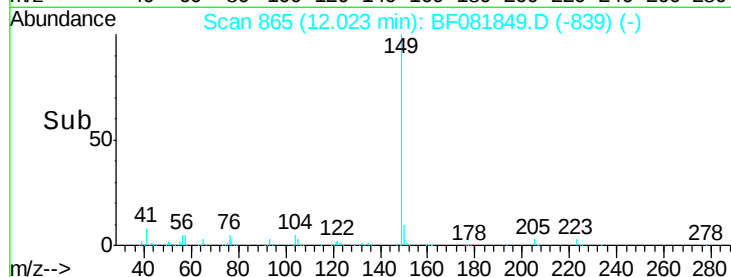
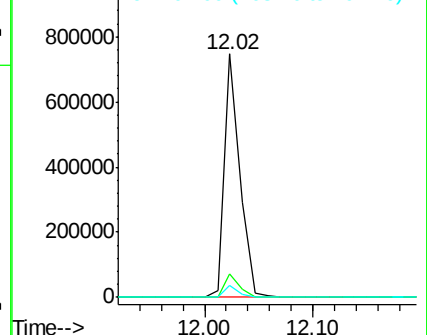
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.00 ng

RT: 12.69 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

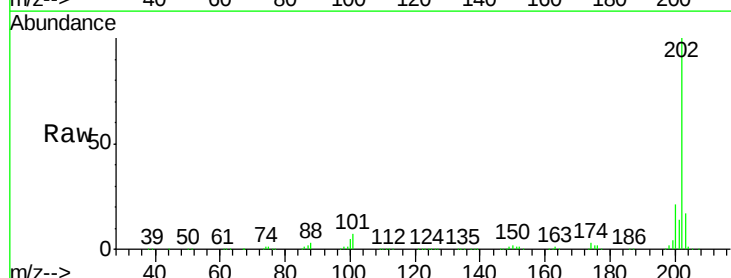
Tgt Ion:202 Resp: 824234

Ion Ratio Lower Upper

202 100

101 6.6 0.0 38.3

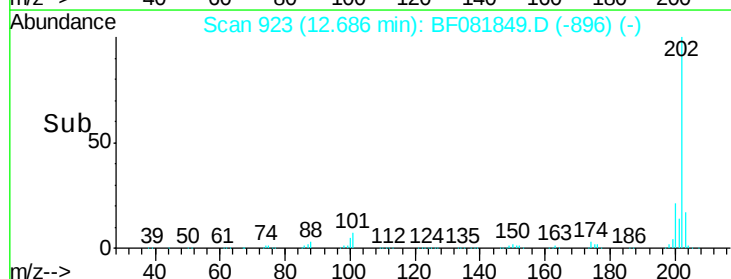
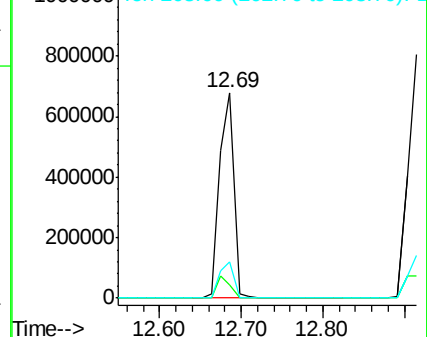
203 17.4 0.0 37.3

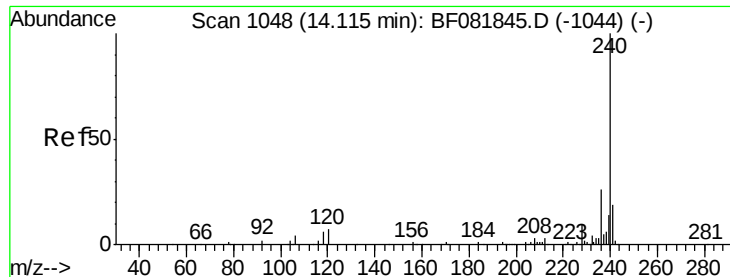


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

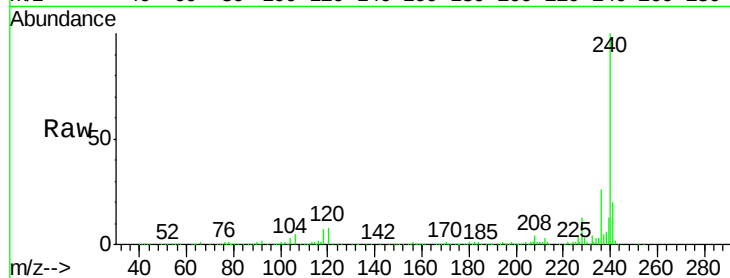
Tgt Ion:240 Resp: 359806

Ion Ratio Lower Upper

240 100

120 7.7 16.2 24.2#

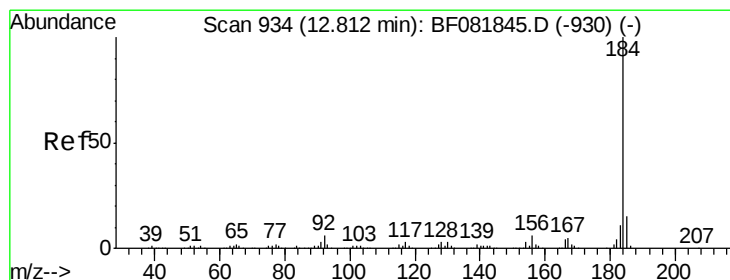
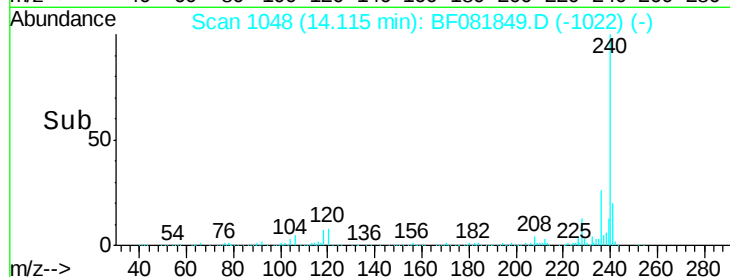
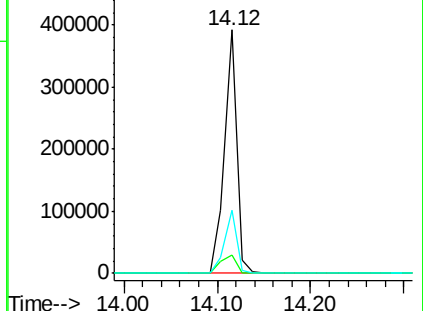
236 26.0 18.4 27.6



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: 41.09 ng

RT: 12.81 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

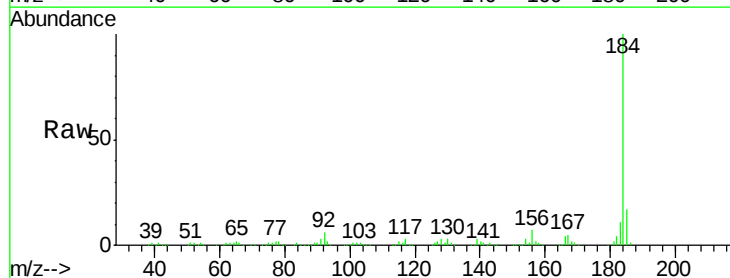
Tgt Ion:184 Resp: 445472

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.6

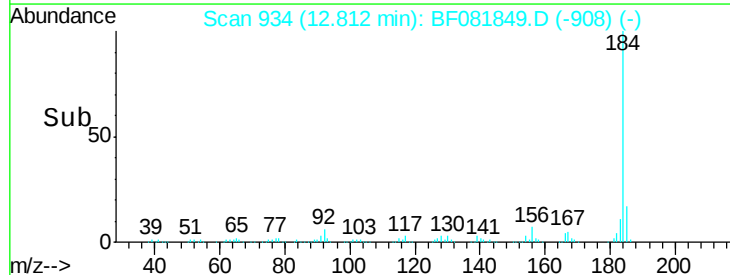
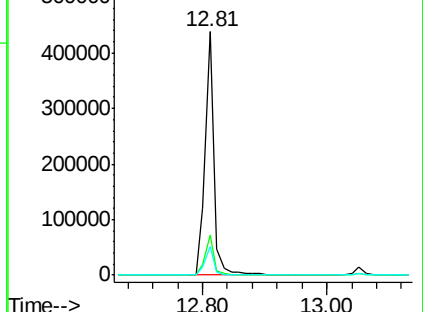
183 11.5 7.6 11.4#

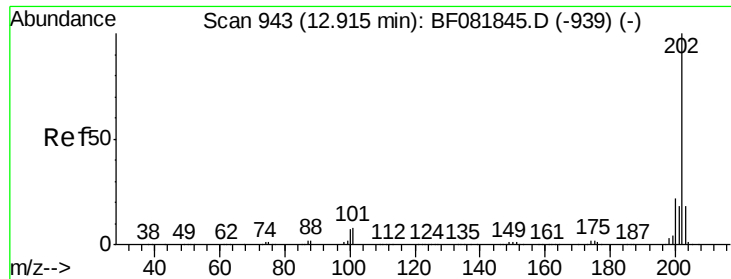


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

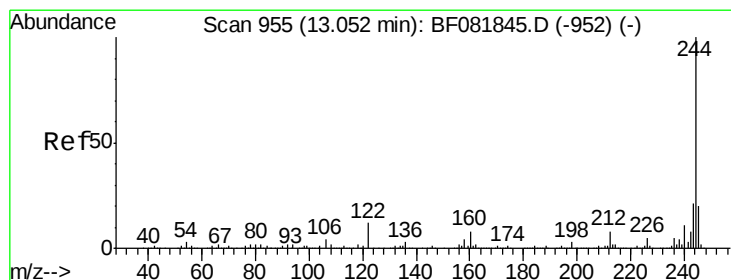
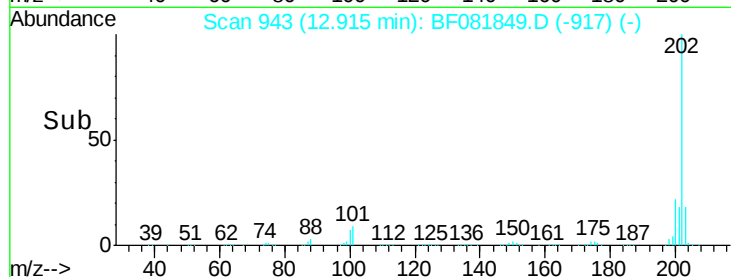
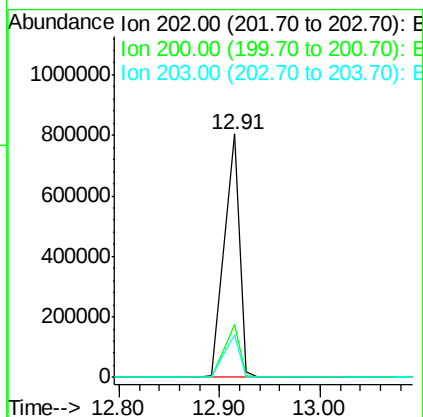
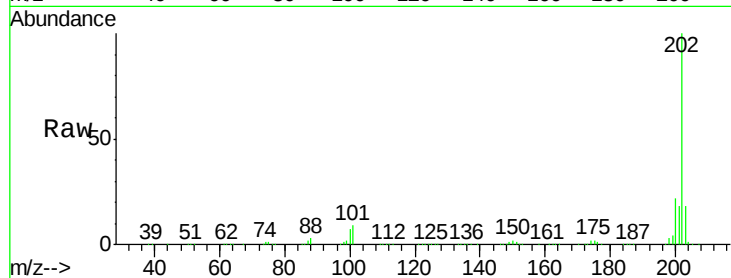




#77
 Pyrene
 Concen: 39.76 ng
 RT: 12.91 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

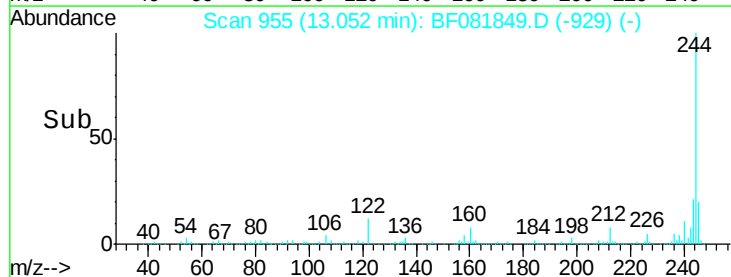
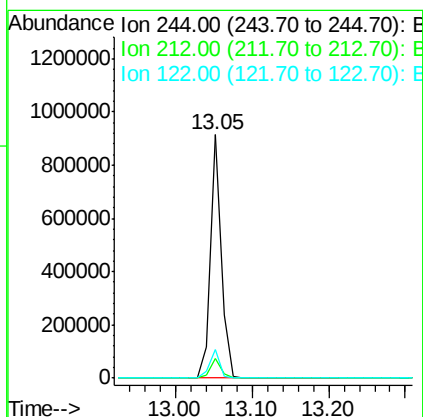
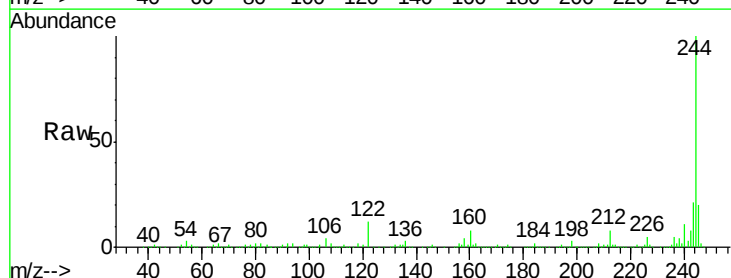
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

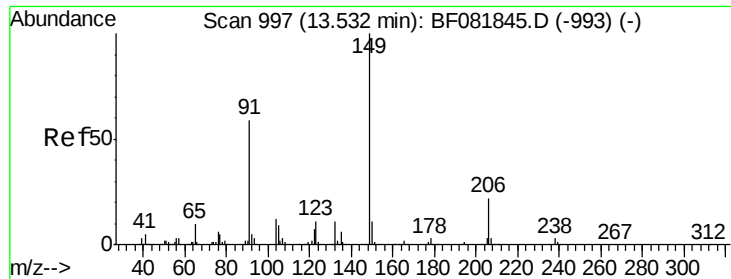
Tgt Ion: 202 Resp: 854727
 Ion Ratio Lower Upper
 202 100
 200 21.9 15.0 22.4
 203 17.8 14.1 21.1



#78
 Terphenyl-d14
 Concen: 76.87 ng
 RT: 13.05 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion: 244 Resp: 879279
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.9 17.4 26.2#

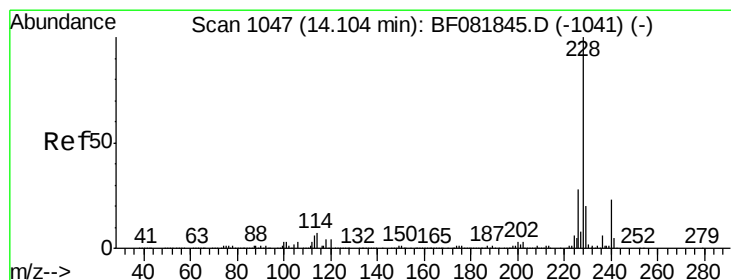
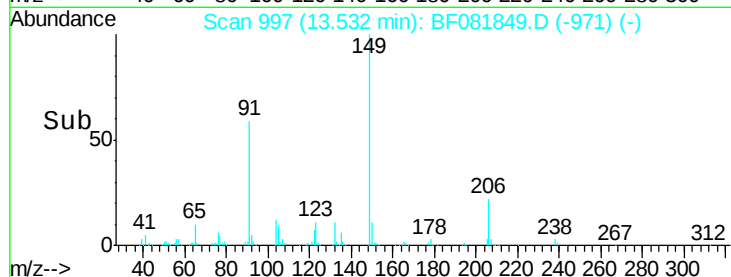
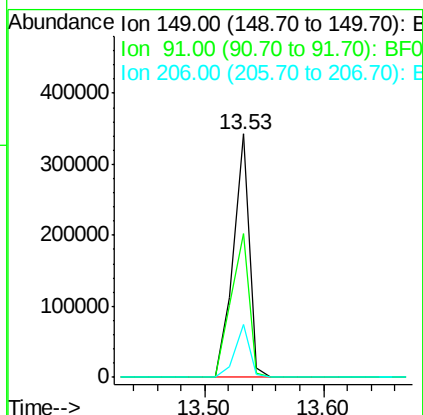
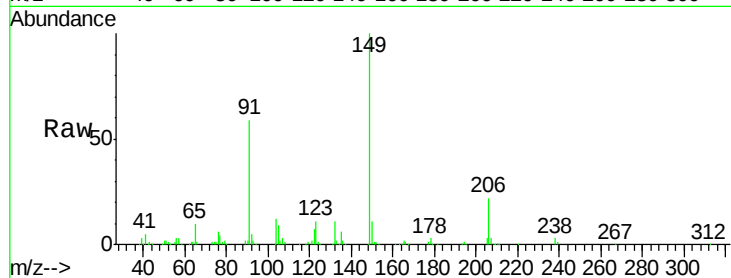




#79
Butylbenzylphthalate
Concen: 39.84 ng
RT: 13.53 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

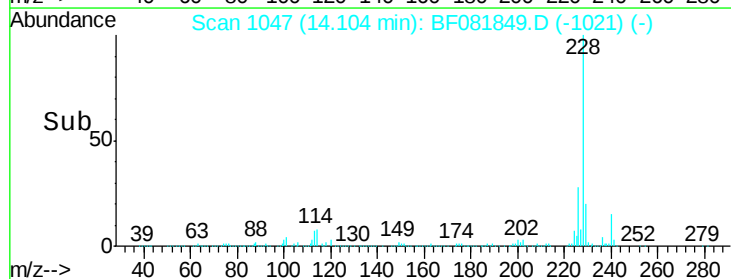
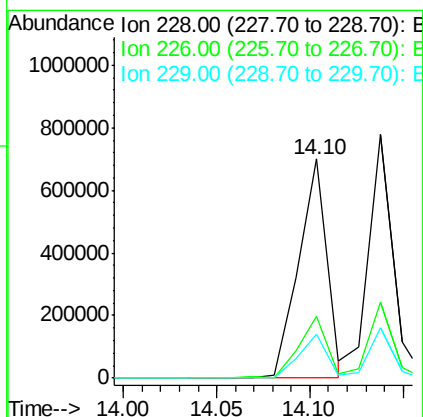
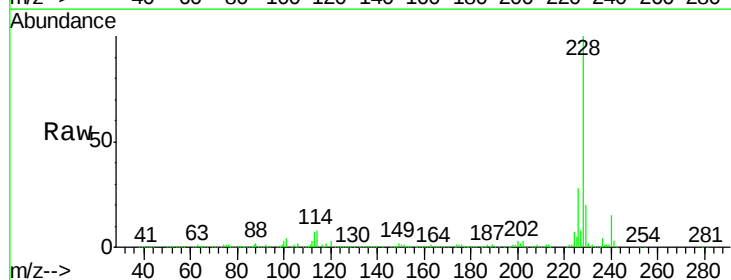
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

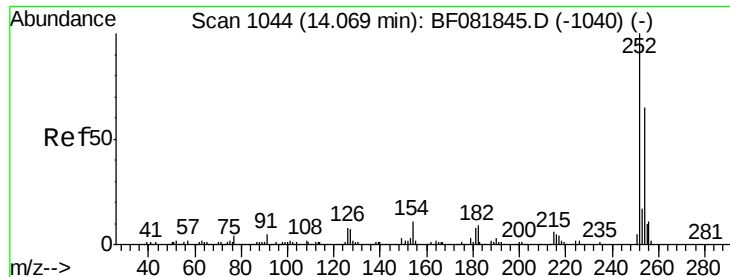
Tgt Ion:149 Resp: 322204
Ion Ratio Lower Upper
149 100
91 59.1 48.6 72.8
206 21.9 14.9 22.3



#80
Benzo(a)anthracene
Concen: 38.30 ng
RT: 14.10 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:228 Resp: 741997
Ion Ratio Lower Upper
228 100
226 28.4 20.0 30.0
229 20.2 15.4 23.2

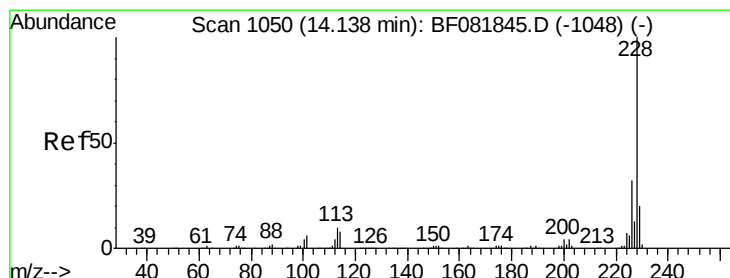
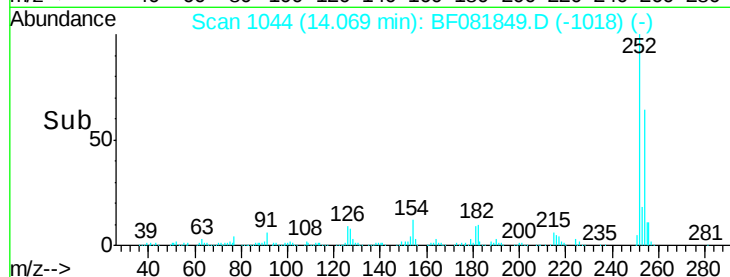
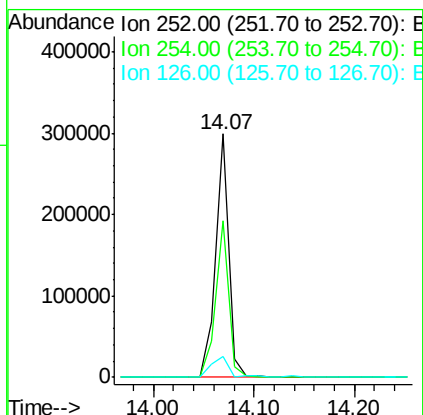
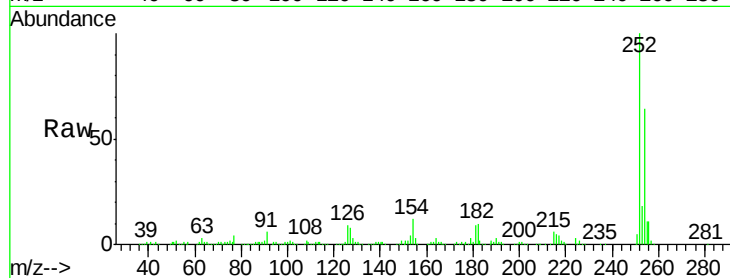




#81
 3,3'-Dichlorobenzidine
 Concen: 41.53 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

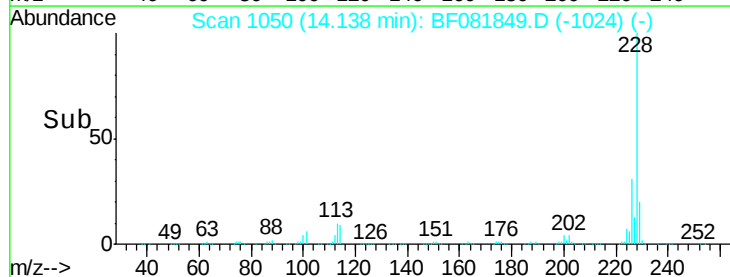
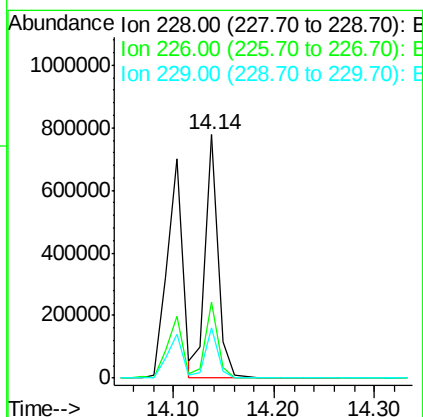
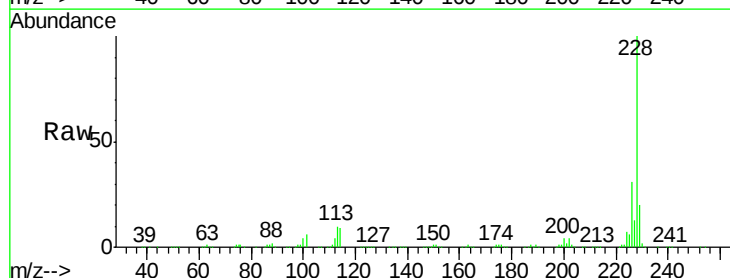
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.4	77.2
126	8.6	16.4	24.6



#82
 Chrysene
 Concen: 38.14 ng
 RT: 14.14 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	21.0	31.4
229	20.5	15.6	23.4

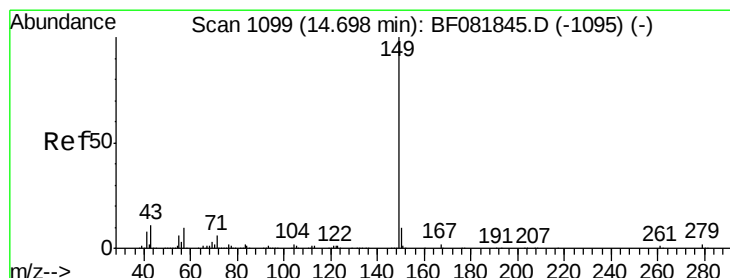
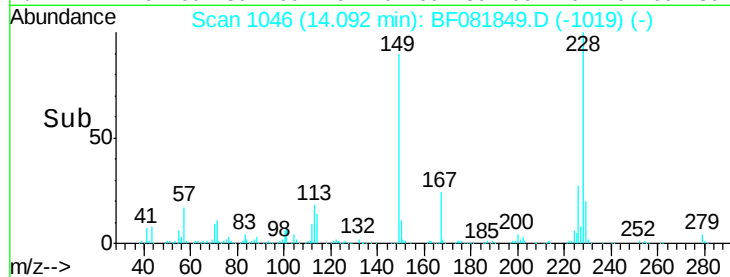
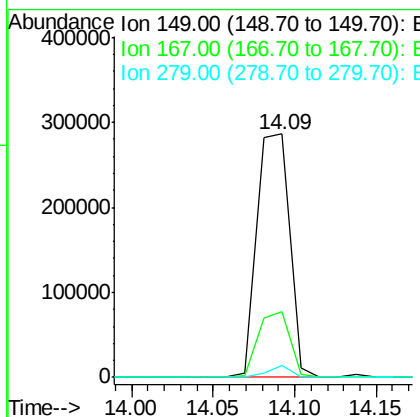
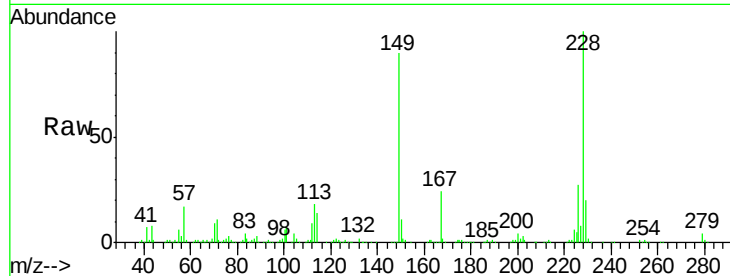




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.80 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.01 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

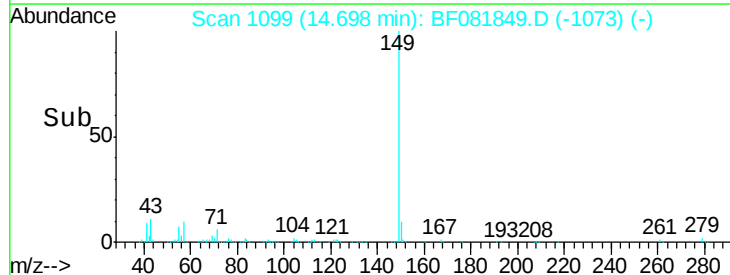
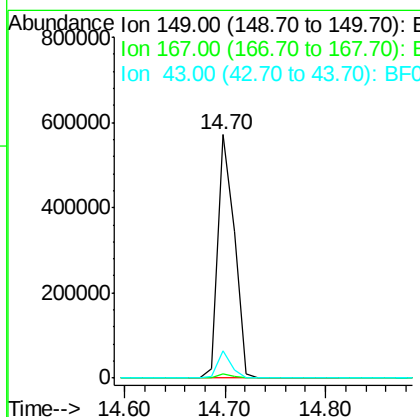
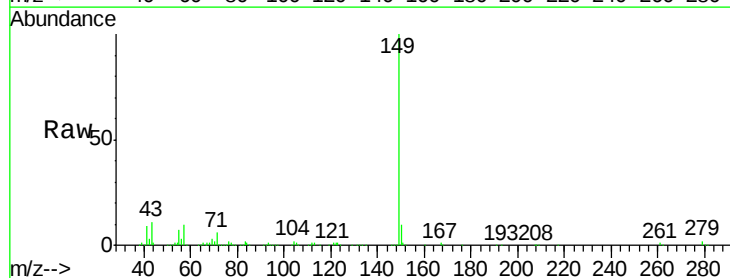
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

Tgt Ion:149 Resp: 403763
 Ion Ratio Lower Upper
 149 100
 167 27.2 24.2 36.2
 279 4.8 3.8 5.6



#84
 Di-n-octyl phthalate
 Concen: 39.53 ng
 RT: 14.70 min Scan# 1099
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion:149 Resp: 652739
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 9.6 10.2 15.2#

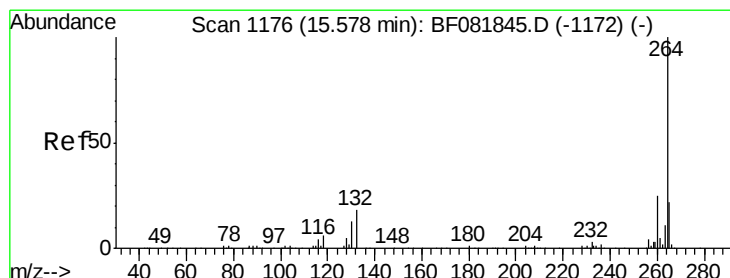
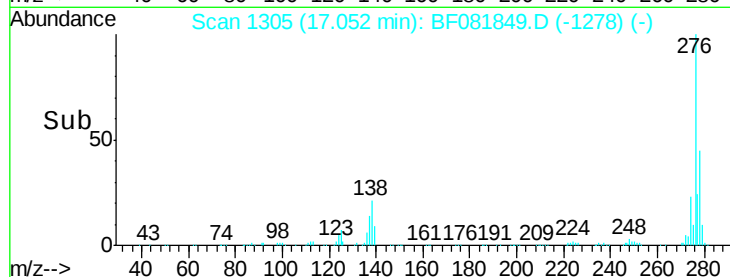
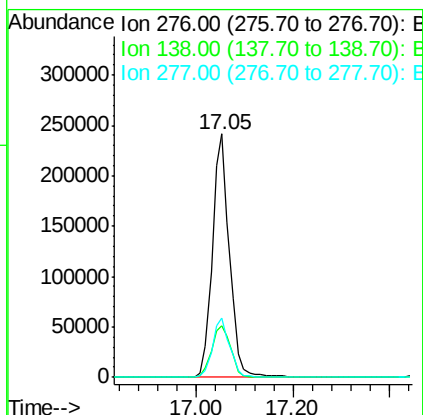
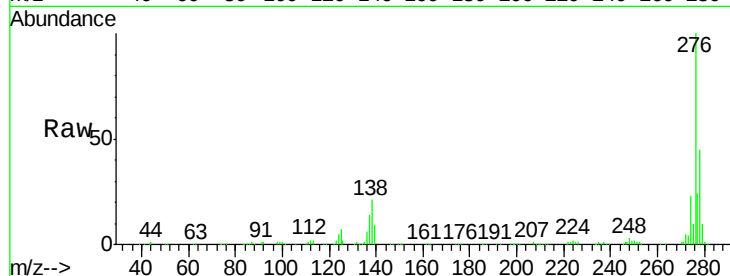




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.75 ng
 RT: 17.05 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

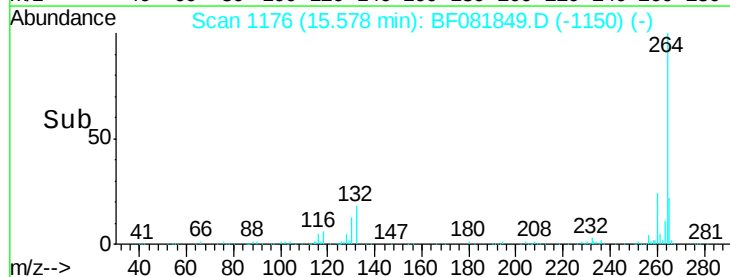
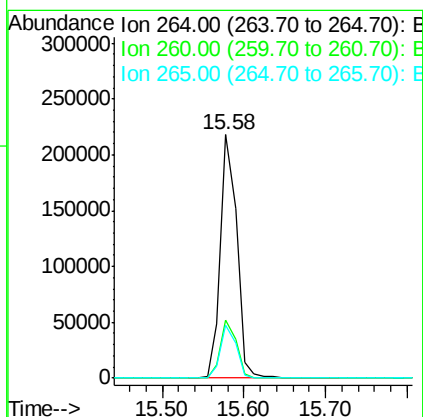
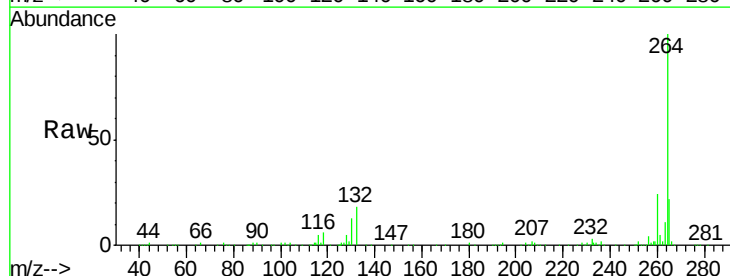
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF092815

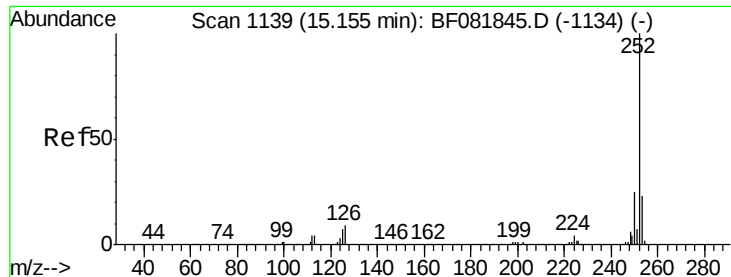
Tgt Ion: 276 Resp: 602517
 Ion Ratio Lower Upper
 276 100
 138 23.8 25.7 38.5#
 277 24.7 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF081849.D
 Acq: 28 Sep 2015 18:11

Tgt Ion: 264 Resp: 304670
 Ion Ratio Lower Upper
 264 100
 260 23.7 16.7 25.1
 265 21.6 17.2 25.8

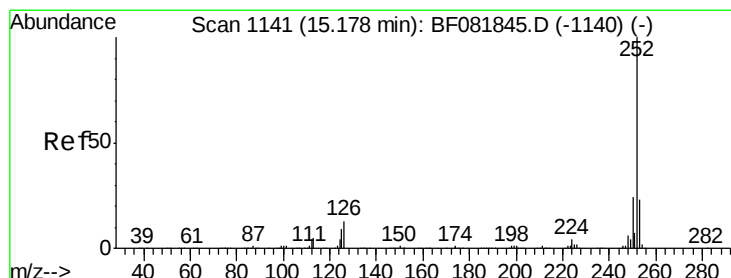
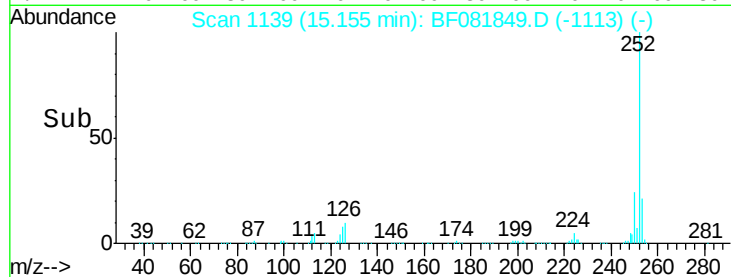
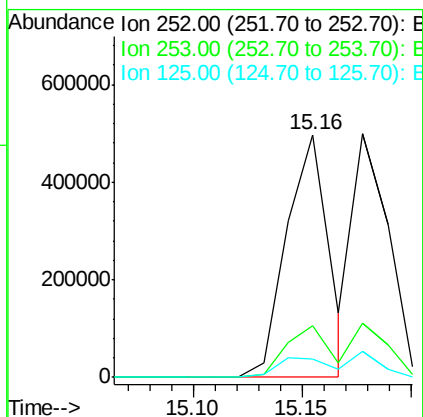
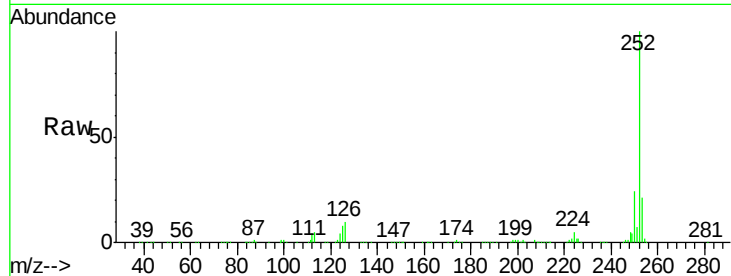




#87
Benzo(b)fluoranthene
Concen: 38.58 ng
RT: 15.16 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

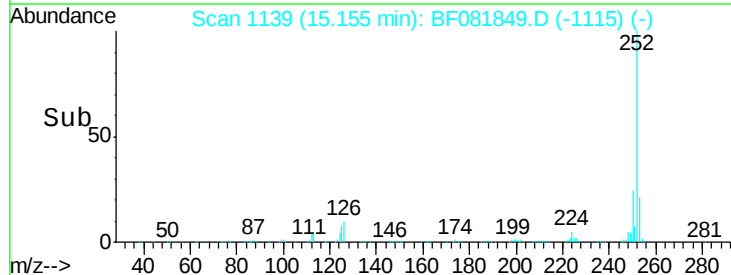
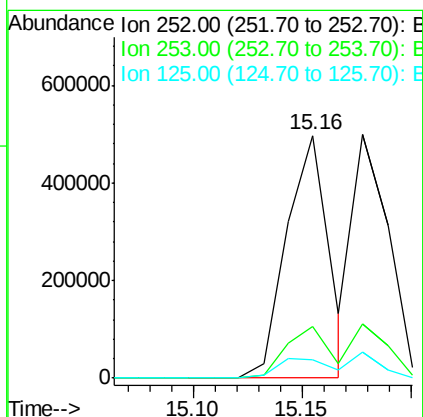
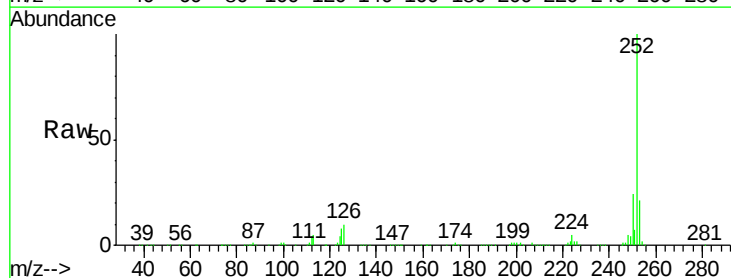
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

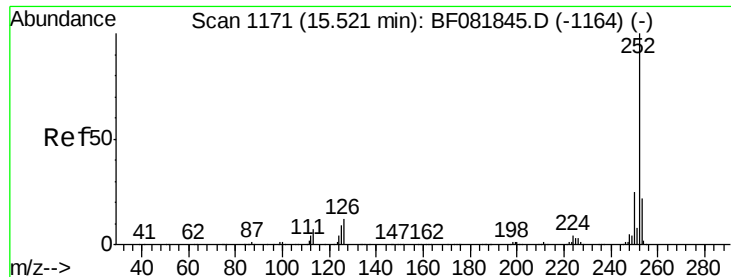
Tgt Ion:252 Resp: 671166
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 7.6 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 42.10 ng
RT: 15.16 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion:252 Resp: 671166
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 7.6 16.0 24.0#

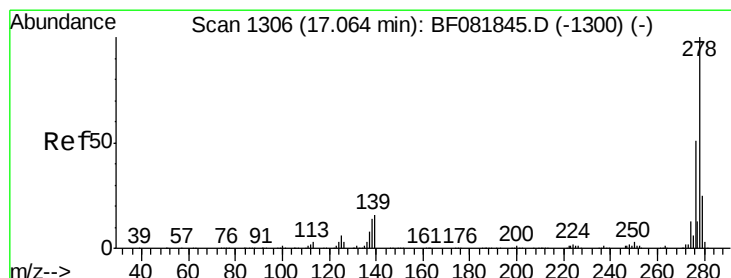
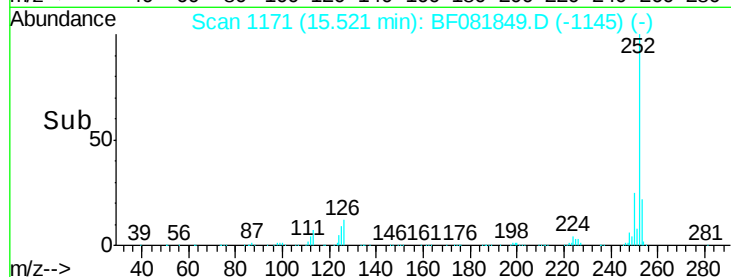
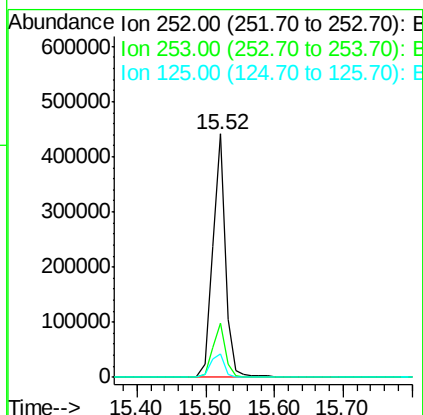
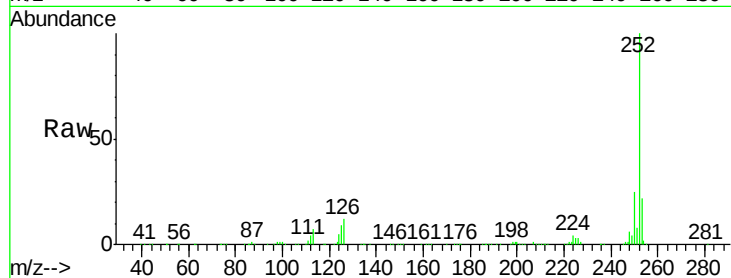




#89
Benzo(a)pyrene
Concen: 38.32 ng
RT: 15.52 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

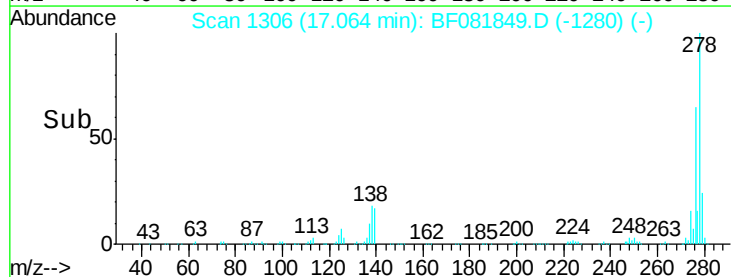
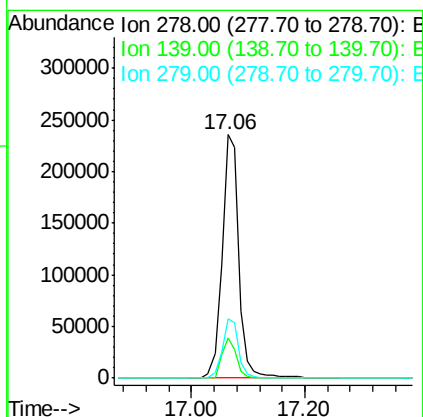
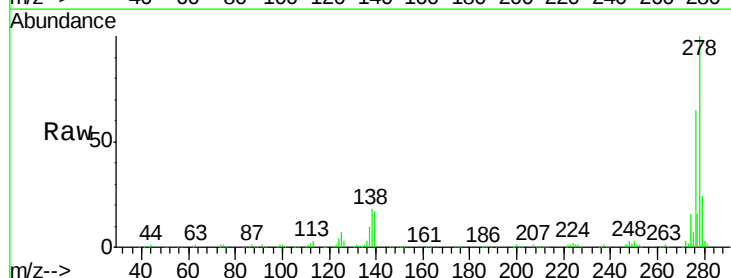
Instrument :
BNA_F
ClientSampleId :
ICVBF092815

Tgt Ion: 252 Resp: 578161
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.4 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 38.23 ng
RT: 17.06 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF081849.D
Acq: 28 Sep 2015 18:11

Tgt Ion: 278 Resp: 483951
Ion Ratio Lower Upper
278 100
139 16.6 26.3 39.5#
279 24.1 18.2 27.4





#91

Benzo(g,h,i)perylene

Concen: 38.24 ng

RT: 17.50 min Scan# 1344

Delta R.T. 0.01 min

Lab File: BF081849.D

Acq: 28 Sep 2015 18:11

Instrument :

BNA_F

ClientSampleId :

ICVBF092815

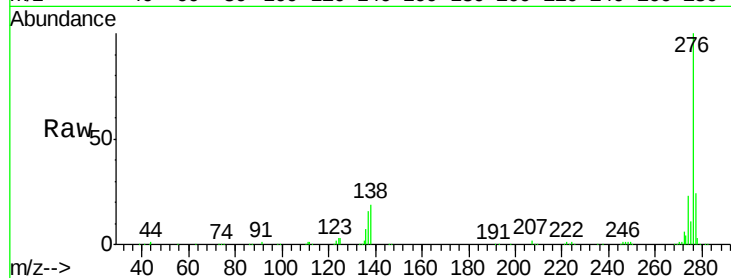
Tgt Ion: 276 Resp: 496057

Ion Ratio Lower Upper

276 100

277 23.8 17.8 26.6

138 18.6 34.6 51.8#



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

