

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082713.D
 Acq On : 4 Nov 2015 21:09
 Operator : UM/IZ
 Sample : G4241-07MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

Quant Time: Nov 04 23:23:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	147380	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	545374	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	228565	20.00	ng	0.01
63) Phenanthrene-d10	11.45	188	353952	20.00	ng	0.03
75) Chrysene-d12	14.03	240	408425	20.00	ng	-0.02
86) Perylene-d12	15.46	264	350661	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1463538	149.57	ng	0.00
7) Phenol-d6	6.51	99	1946578	149.74	ng	0.00
23) Nitrobenzene-d5	7.44	82	1330620	99.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	383928	153.48	ng	0.03
44) 2-Fluorobiphenyl	9.25	172	1742432	108.24	ng	0.00
78) Terphenyl-d14	13.00	244	1618074	86.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	167956	37.13	ng	95
3) Pyridine	3.23	79	519608	39.18	ng	98
4) n-Nitrosodimethylamine	3.17	42	294031	39.38	ng	92
6) Aniline	6.52	93	676714	37.39	ng	# 1
8) 2-Chlorophenol	6.66	128	539918	51.00	ng	98
9) Benzaldehyde	6.41	77	196077	22.09	ng	90
10) Phenol	6.52	94	835460	56.72	ng	92
11) bis(2-Chloroethyl)ether	6.60	93	498610	45.88	ng	93
12) 1,3-Dichlorobenzene	6.81	146	543575	45.02	ng	# 93
13) 1,4-Dichlorobenzene	6.89	146	590415	49.31	ng	95
14) 1,2-Dichlorobenzene	7.05	146	530261	47.71	ng	98
15) Benzyl Alcohol	7.01	79	605704	49.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	751970	43.54	ng	92
17) 2-Methylphenol	7.13	107	423934	47.09	ng	98
18) Hexachloroethane	7.39	117	289976	62.06	ng	# 84
19) n-Nitroso-di-n-propylamine	7.29	70	463998	47.09	ng	94
20) 3+4-Methylphenols	7.29	107	581855	49.74	ng	93
22) Acetophenone	7.29	105	812623	50.61	ng	# 95
24) Nitrobenzene	7.45	77	638395	47.29	ng	# 87
25) Isophorone	7.70	82	1214256	49.42	ng	# 91
26) 2-Nitrophenol	7.77	139	245080	49.70	ng	92
27) 2,4-Dimethylphenol	7.81	122	458837	47.67	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	657172	48.90	ng	94
29) 2,4-Dichlorophenol	8.02	162	450928	51.39	ng	91
30) 1,2,4-Trichlorobenzene	8.10	180	460031	47.24	ng	97
31) Naphthalene	8.18	128	1495206	50.67	ng	100
32) Benzoic acid	7.92	122	107592	15.41	ng	# 71
33) 4-Chloroaniline	8.22	127	452098	35.88	ng	95
34) Hexachlorobutadiene	8.32	225	293320	47.36	ng	98
35) Caprolactam	8.61	113	354346	131.62	ng	# 12
36) 4-Chloro-3-methylphenol	8.72	107	489195	47.34	ng	95
37) 2-Methylnaphthalene	8.89	142	1308658	68.42	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	401182	52.60	ng	# 95
40) Hexachlorocyclopentadiene	9.05	237	452844	94.44	ng	100

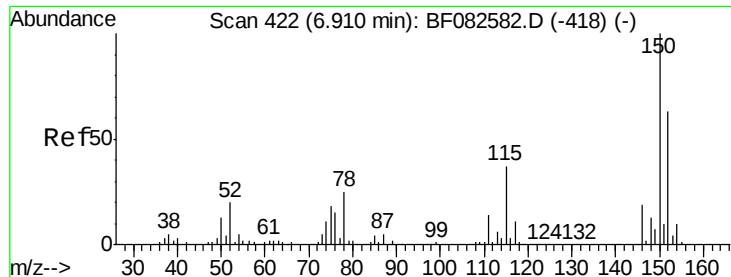
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082713.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	571473	103.77	ng	99
43) 2,4,5-Trichlorophenol	9.17	196	570261	103.93	ng #	18
45) 1,1'-Biphenyl	9.36	154	1019797	52.82	ng	97
46) 2-Chloronaphthalene	9.38	162	765763	50.79	ng	92
47) 2-Nitroaniline	9.46	65	303169	51.73	ng	89
48) Acenaphthylene	9.81	152	1277157	52.96	ng #	92
49) Dimethylphthalate	9.65	163	1244165	66.65	ng #	94
50) 2,6-Dinitrotoluene	9.72	165	148510	38.38	ng #	75
51) Acenaphthene	9.97	154	729413	47.65	ng	96
52) 3-Nitroaniline	9.87	138	191156	44.41	ng #	71
53) 2,4-Dinitrophenol	9.98	184	166508	80.72	ng #	23
54) Dibenzofuran	10.16	168	993400	47.82	ng #	87
55) 4-Nitrophenol	10.03	139	366647	113.21	ng #	72
56) 2,4-Dinitrotoluene	10.12	165	226544	43.30	ng #	85
57) Fluorene	10.51	166	947977	56.58	ng #	88
58) 2,3,4,6-Tetrachlorophenol	10.28	232	178028	38.39	ng #	20
59) Diethylphthalate	10.36	149	828401	43.59	ng #	90
60) 4-Chlorophenyl-phenylether	10.50	204	342225	42.02	ng #	71
61) 4-Nitroaniline	10.48	138	146805	35.74	ng	87
62) Azobenzene	10.66	77	570174	26.61	ng	81
64) 4,6-Dinitro-2-methylphenol	10.54	198	104550	48.97	ng #	1
65) n-Nitrosodiphenylamine	10.60	169	1622726	133.37	ng	88
66) 4-Bromophenyl-phenylether	10.99	248	237709	59.26	ng #	53
67) Hexachlorobenzene	11.08	284	226039	50.82	ng	90
68) Atrazine	11.14	200	258823	65.02	ng	68
69) Pentachlorophenol	11.25	266	292414	99.71	ng	98
70) Phenanthrene	11.47	178	1399619	70.11	ng #	92
71) Anthracene	11.53	178	848672	42.22	ng #	87
72) Carbazole	11.67	167	908491	51.89	ng #	92
73) Di-n-butylphthalate	12.00	149	1156886	51.91	ng	98
74) Fluoranthene	12.65	202	1148275	56.26	ng	97
76) Benzidine	12.74	184	527425	28.63	ng #	88
77) Pyrene	12.87	202	1162956	38.45	ng	98
79) Butylbenzylphthalate	13.46	149	626669	47.31	ng	88
80) Benzo(a)anthracene	14.02	228	1081557	41.69	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	384347	42.99	ng #	96
82) Chrysene	14.05	228	855570	36.38	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	829849	48.33	ng	99
84) Di-n-octyl phthalate	14.64	149	1350547	50.42	ng	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	1104168	56.90	ng	99
87) Benzo(h)fluoranthene	15.08	252	1970852	81.51	ng	100
88) Benzo(k)fluoranthene	15.08	252	1970852	106.99	ng #	99
89) Benzo(a)pyrene	15.40	252	918688	48.24	ng	98
90) Dibenzo(a,h)anthracene	16.89	278	925992	52.12	ng #	97
91) Benzo(g,h,i)perylene	17.29	276	901155	52.33	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

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BNA_F

ClientSampleId :

TP-15(3)MSD

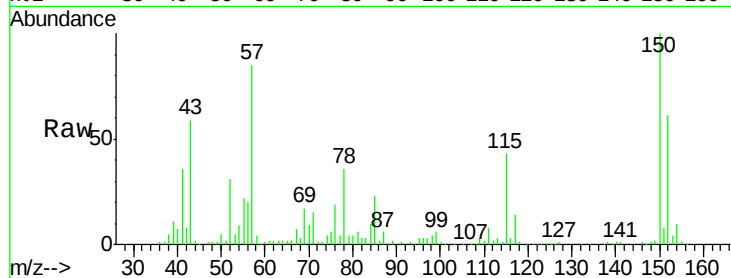
Tgt Ion:152 Resp: 147380

Ion Ratio Lower Upper

152 100

150 162.9 127.0 190.4

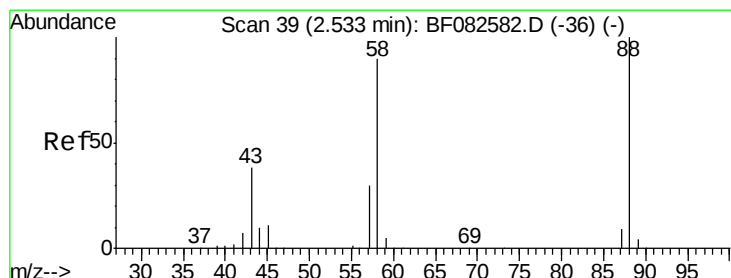
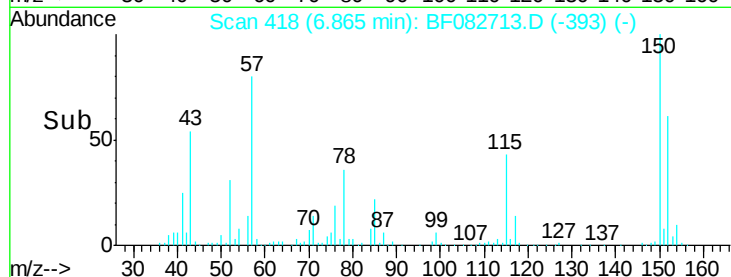
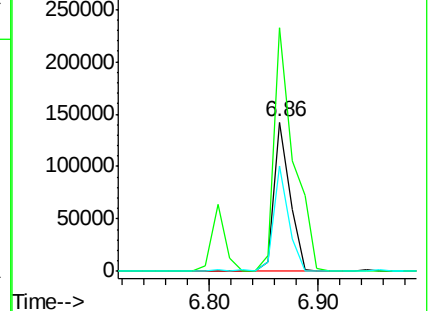
115 70.7 47.0 70.6#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.13 ng

RT: 2.50 min Scan# 36

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

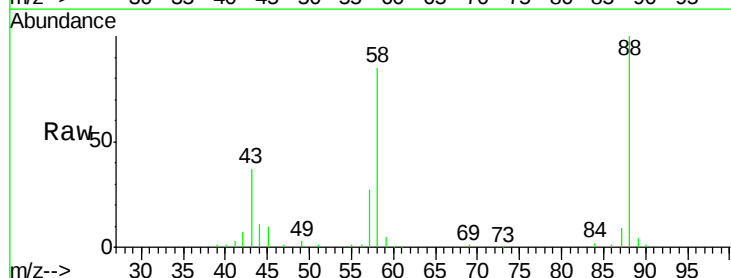
Tgt Ion: 88 Resp: 167956

Ion Ratio Lower Upper

88 100

58 81.0 62.0 93.0

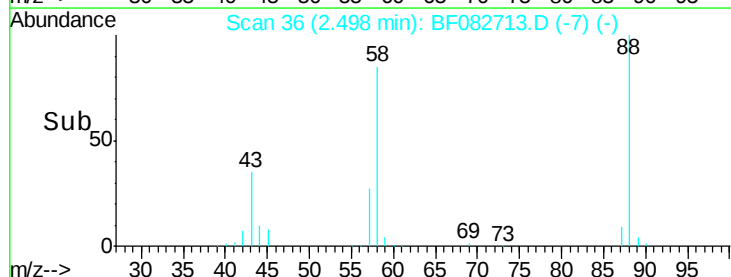
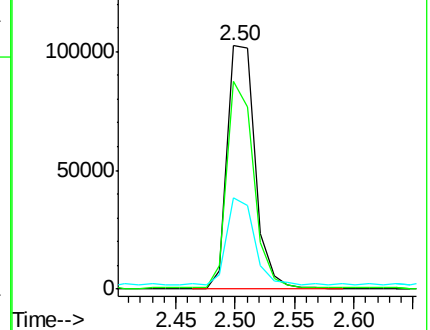
43 36.6 26.6 40.0

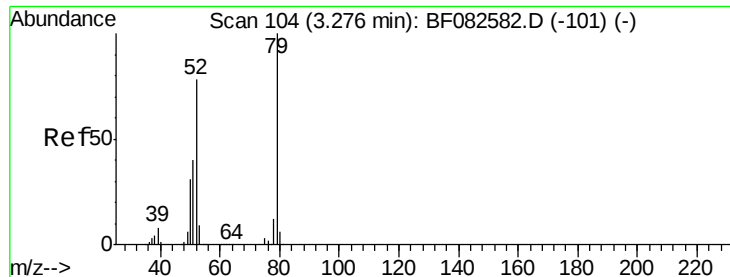


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 39.18 ng

RT: 3.23 min Scan# 100

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

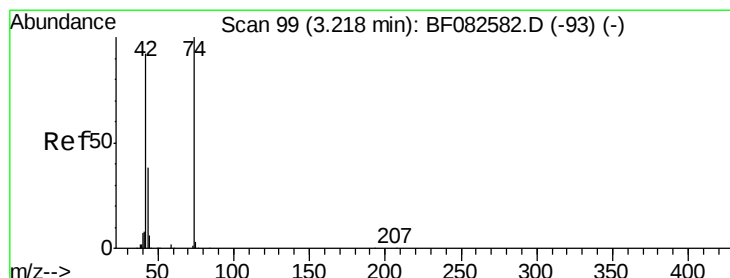
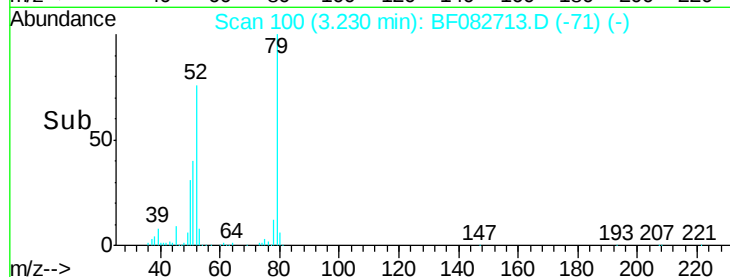
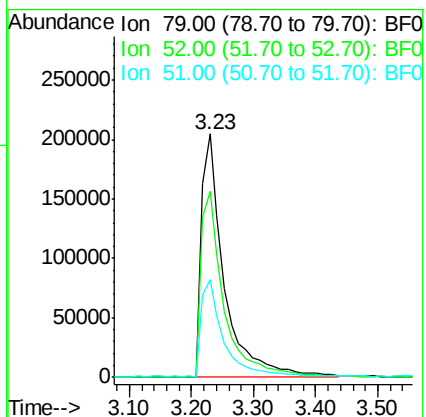
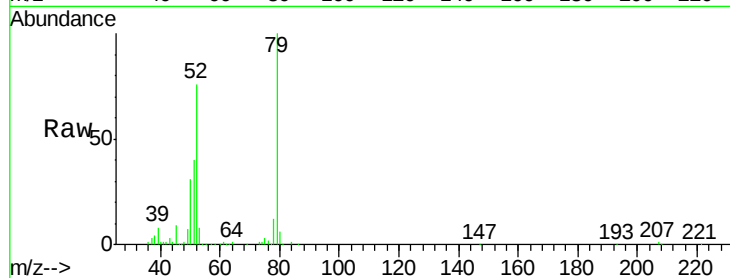
Tgt Ion: 79 Resp: 519608

Ion Ratio Lower Upper

79 100

52 76.5 62.8 94.2

51 39.9 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 39.38 ng

RT: 3.17 min Scan# 95

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

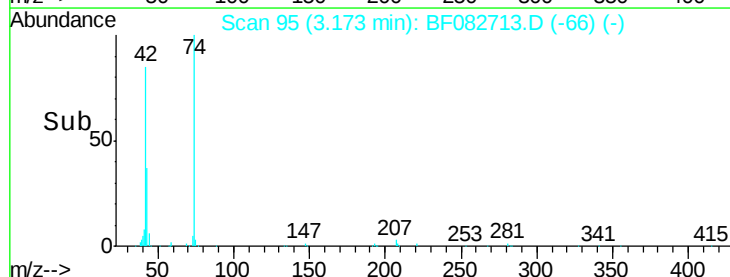
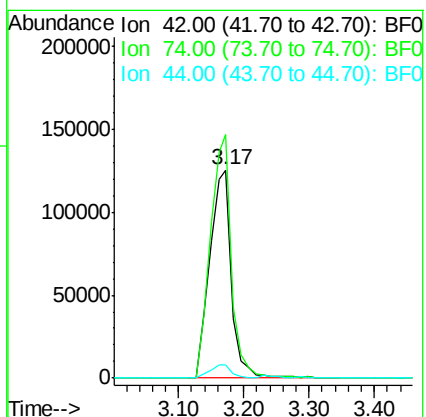
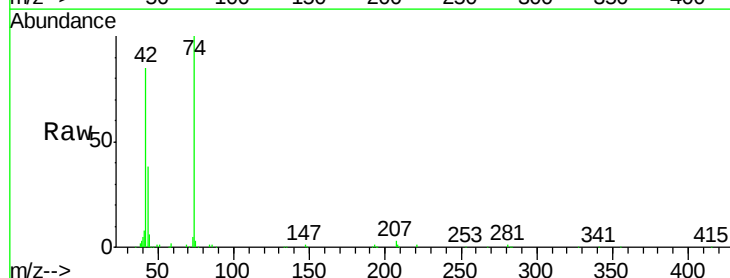
Tgt Ion: 42 Resp: 294031

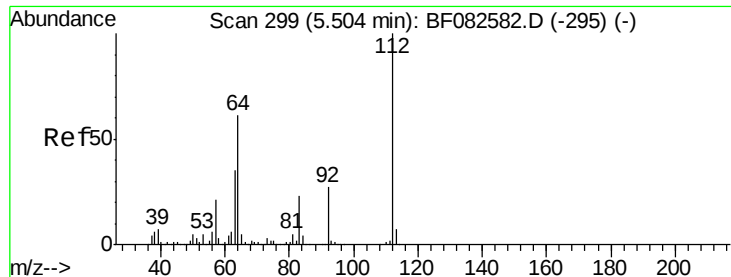
Ion Ratio Lower Upper

42 100

74 117.1 87.0 130.4

44 6.5 5.8 8.8





#5

2-Fluorophenol

Concen: 149.57 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

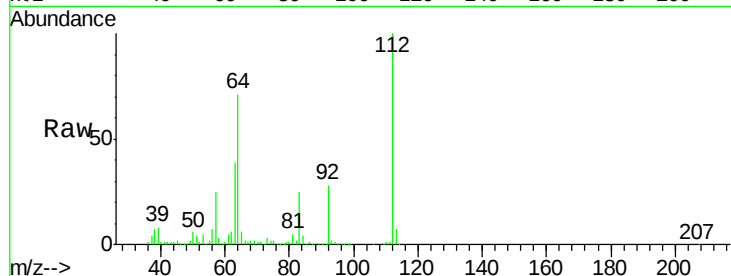
Tgt Ion:112 Resp: 1463538

Ion Ratio Lower Upper

112 100

64 71.0 48.9 73.3

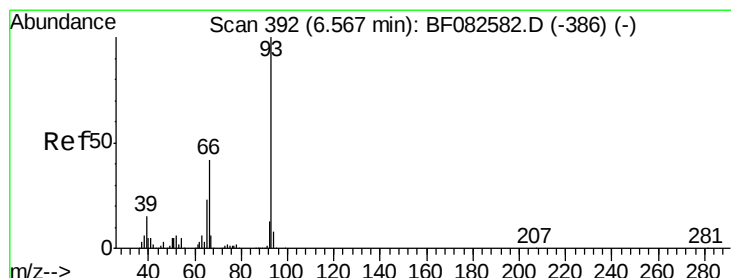
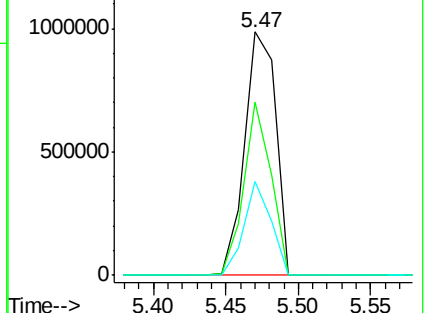
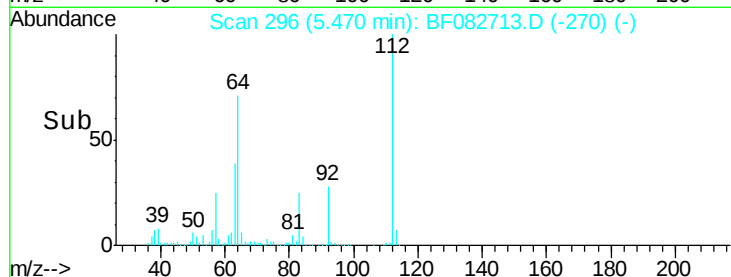
63 38.8 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 37.39 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

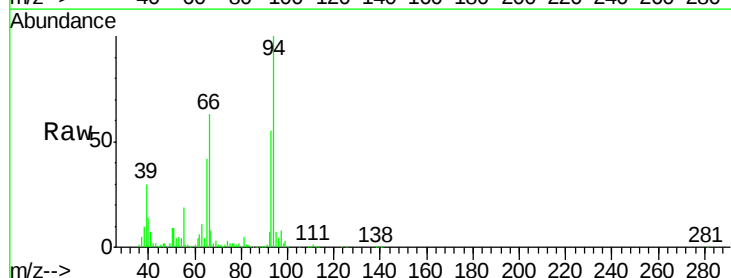
Tgt Ion: 93 Resp: 676714

Ion Ratio Lower Upper

93 100

66 115.2 33.6 50.4#

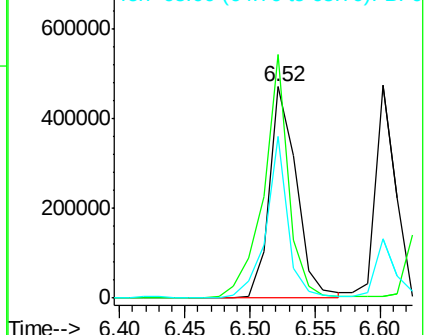
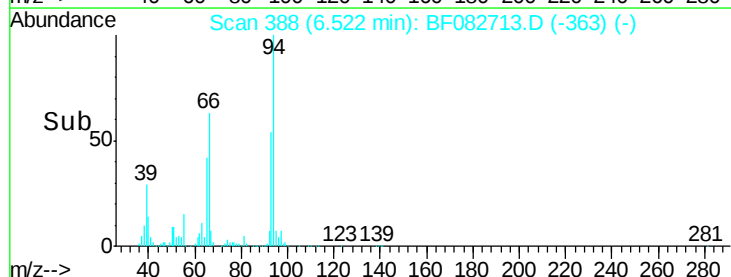
65 76.6 18.1 27.1#

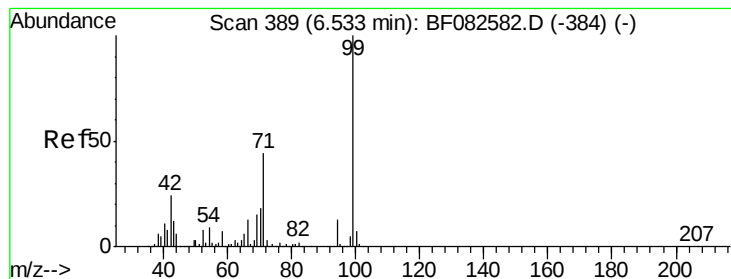


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.74 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

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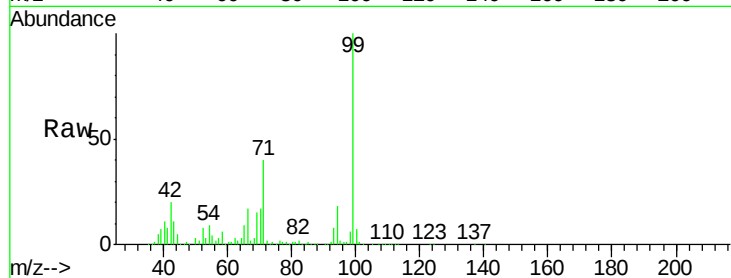
Tgt Ion: 99 Resp: 1946578

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

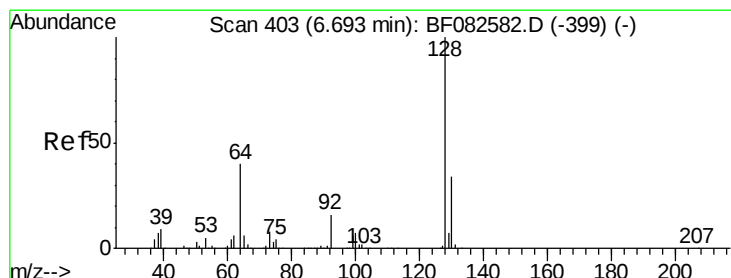
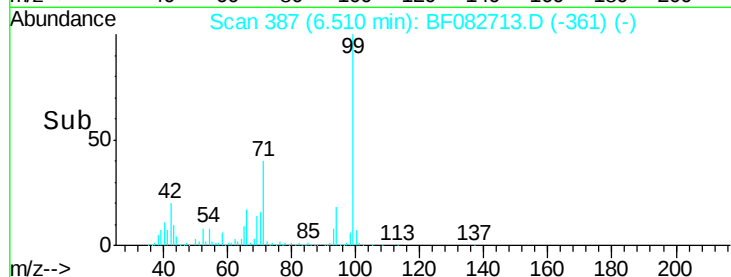
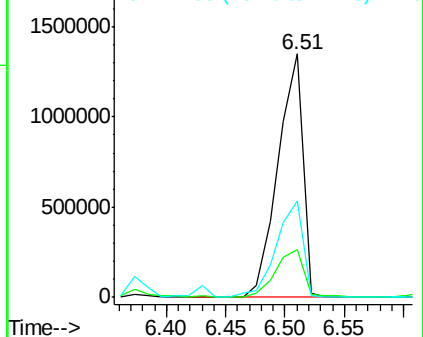
71 39.8 35.0 52.4



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: 51.00 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

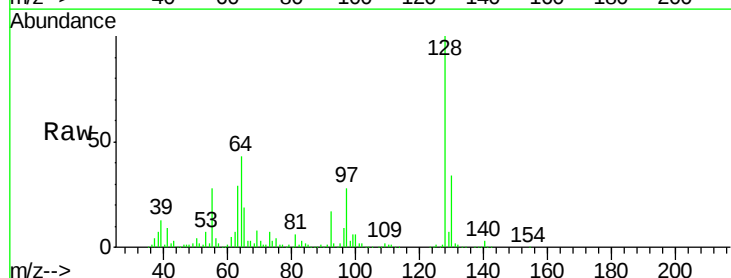
Tgt Ion: 128 Resp: 539918

Ion Ratio Lower Upper

128 100

130 33.7 13.5 53.5

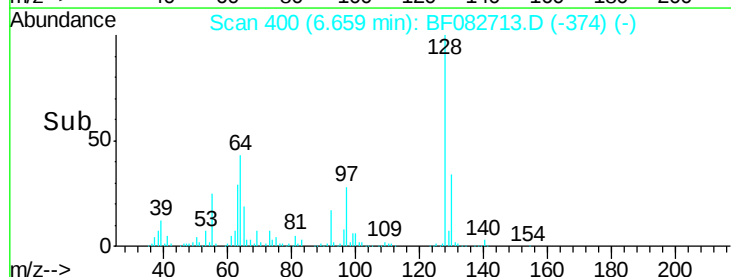
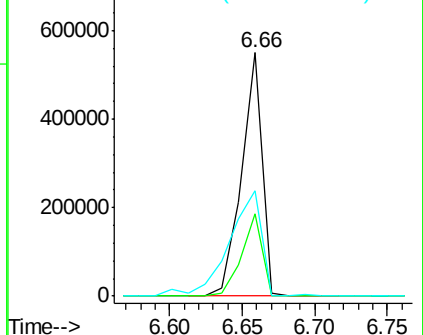
64 43.4 21.1 61.1

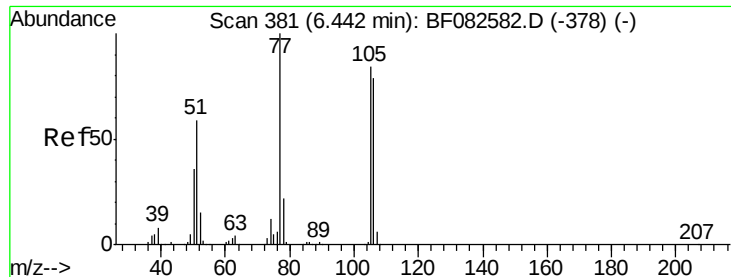


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 22.09 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

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ClientSampleId :

TP-15(3)MSD

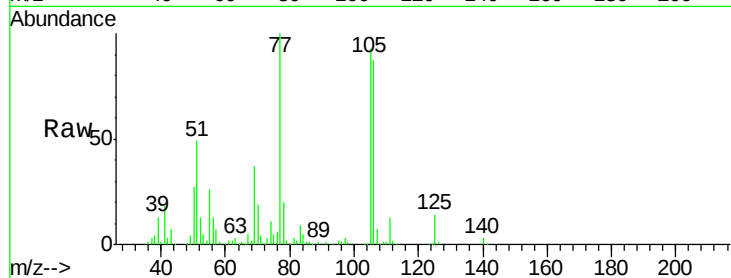
Tgt Ion: 77 Resp: 196077

Ion Ratio Lower Upper

77 100

105 93.2 63.5 103.5

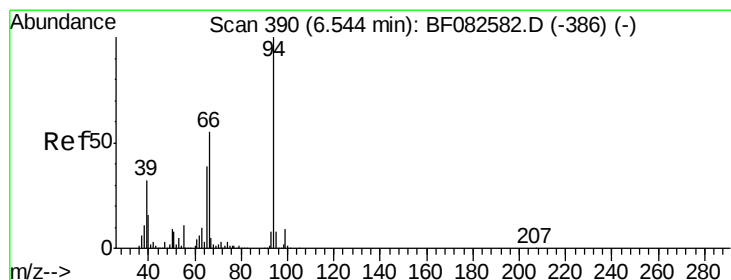
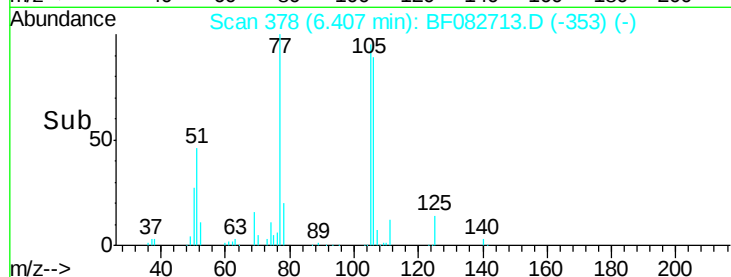
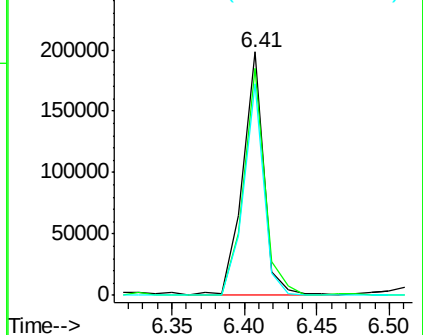
106 87.0 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 56.72 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

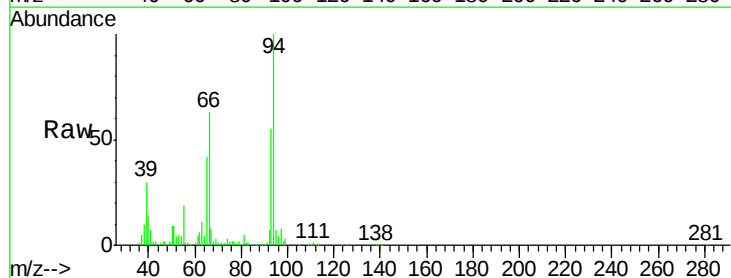
Tgt Ion: 94 Resp: 835460

Ion Ratio Lower Upper

94 100

65 41.8 18.9 58.9

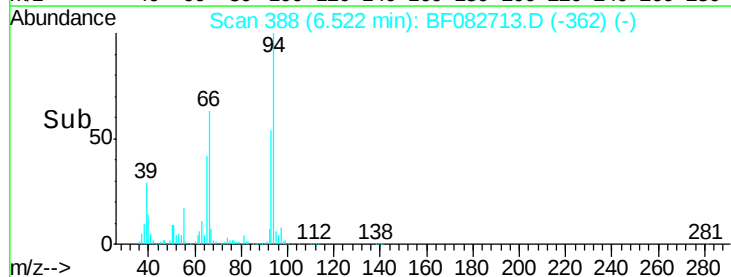
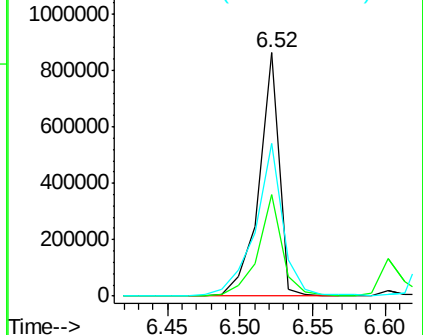
66 62.8 34.9 74.9

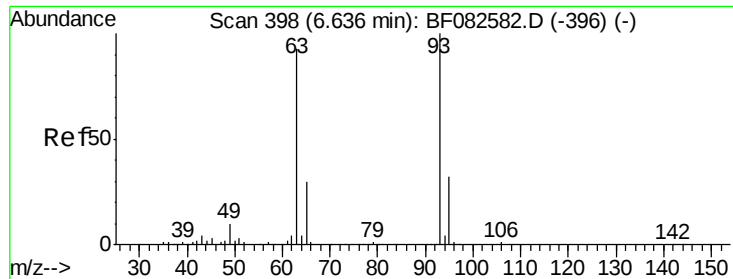


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

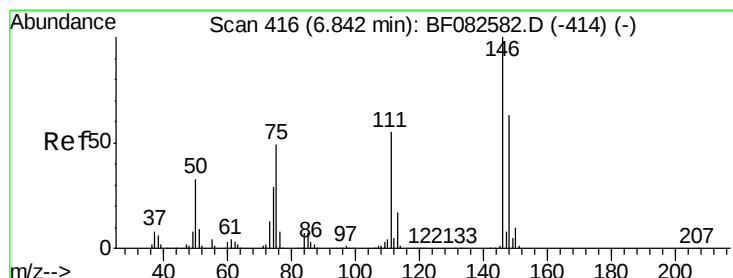
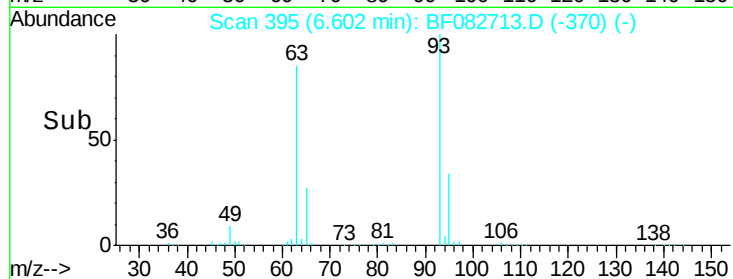
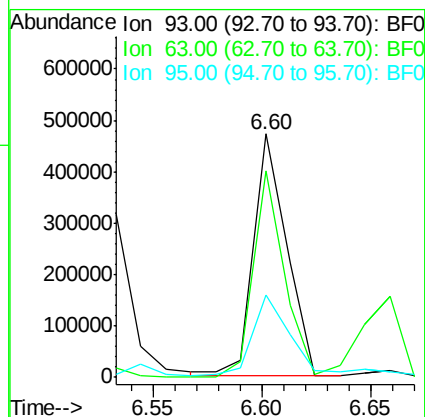
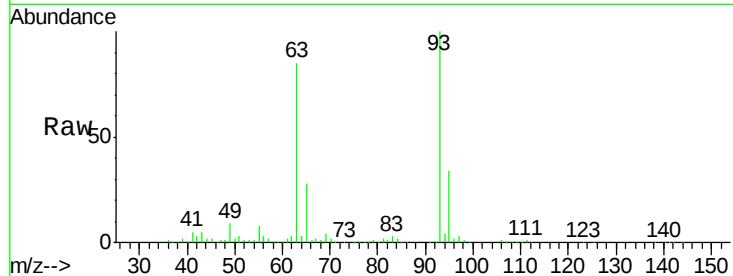




#11
bis(2-Chloroethyl)ether
Concen: 45.88 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

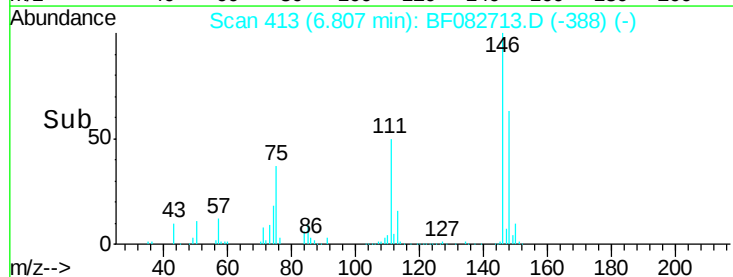
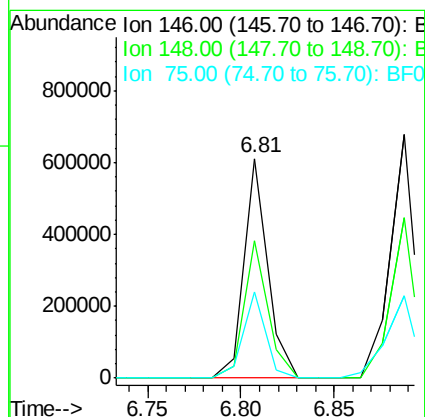
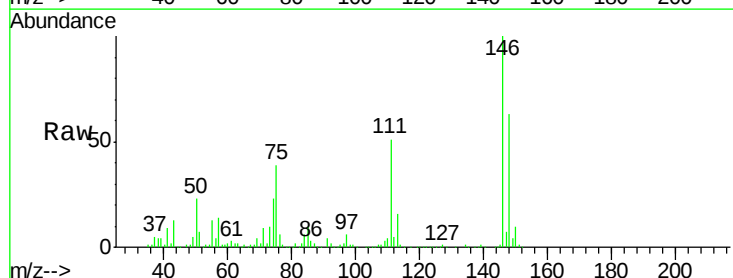
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

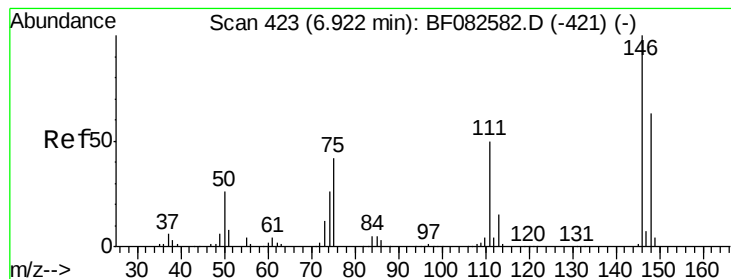
Tgt Ion: 93 Resp: 498610
Ion Ratio Lower Upper
93 100
63 84.9 72.7 112.7
95 34.0 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 45.02 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 146 Resp: 543575
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
75 39.5 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 49.31 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

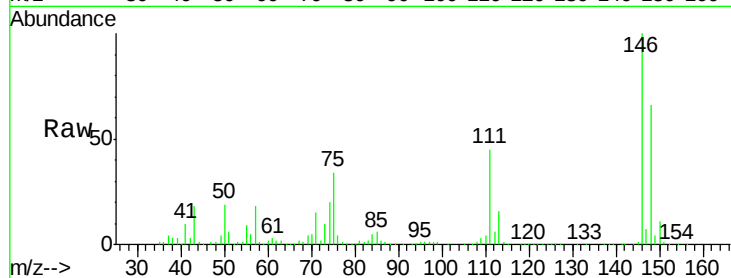
Tgt Ion:146 Resp: 590415

Ion Ratio Lower Upper

146 100

148 65.8 50.8 76.2

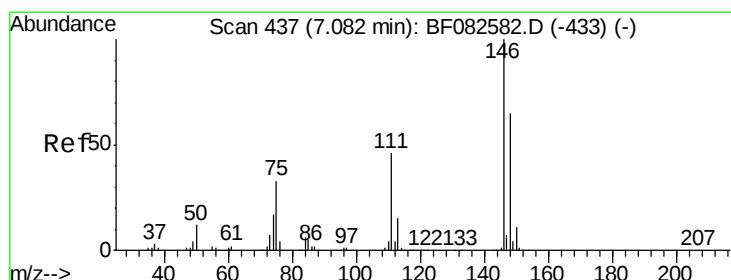
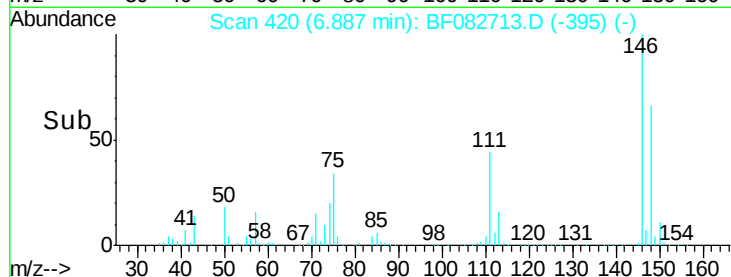
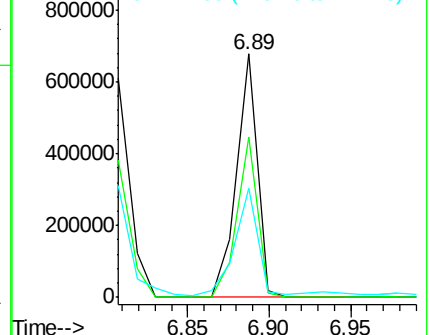
111 44.8 40.6 60.8



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: 47.71 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

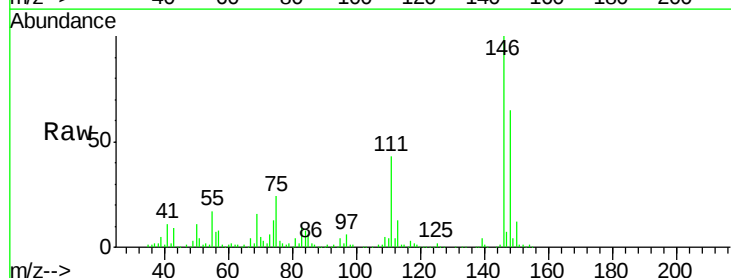
Tgt Ion:146 Resp: 530261

Ion Ratio Lower Upper

146 100

148 65.4 52.2 78.4

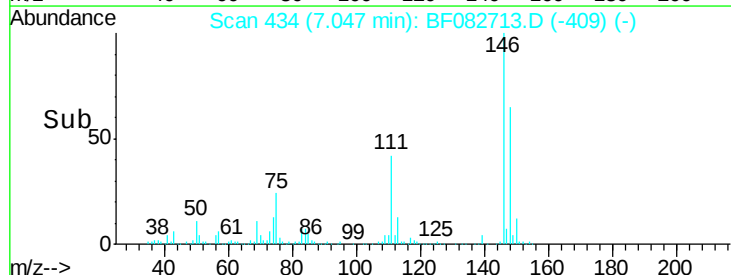
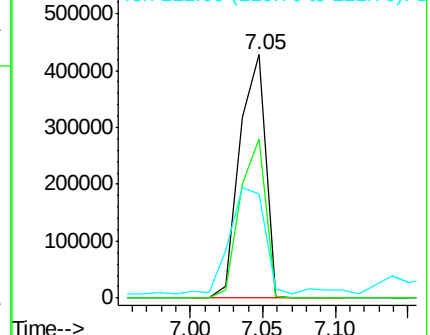
111 42.8 36.6 55.0

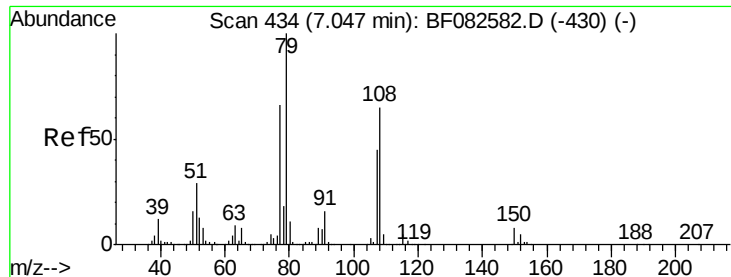


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.97 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

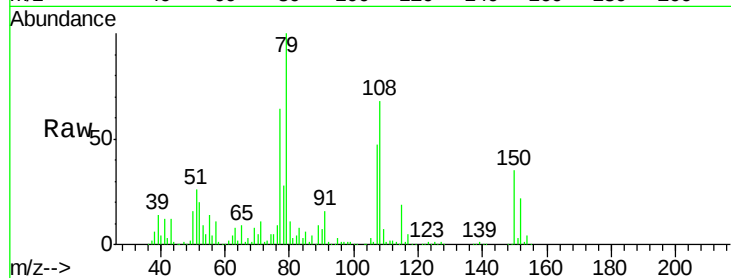
Tgt Ion: 79 Resp: 605704

Ion Ratio Lower Upper

79 100

108 67.7 52.2 78.4

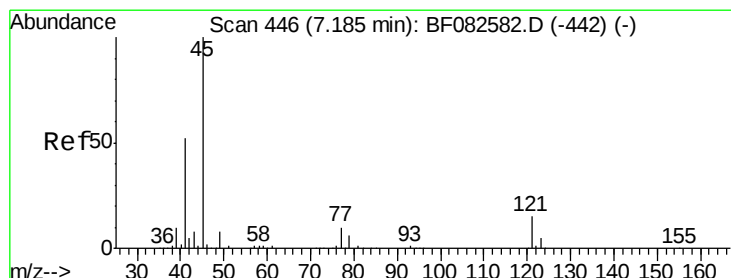
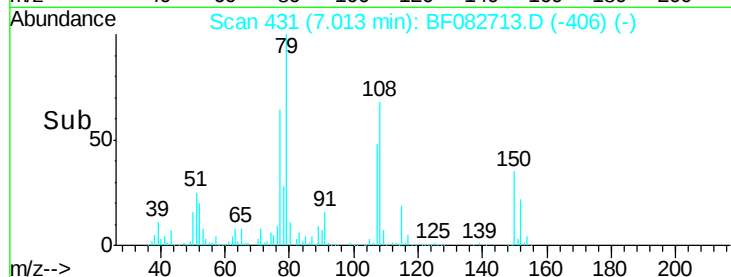
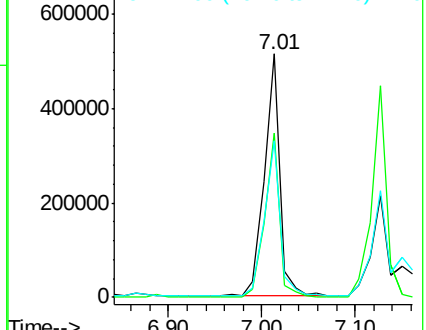
77 64.2 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.54 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

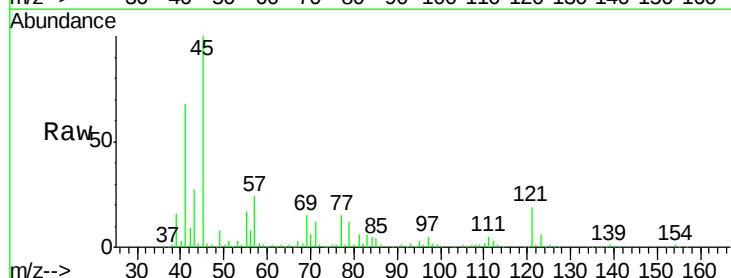
Tgt Ion: 45 Resp: 751970

Ion Ratio Lower Upper

45 100

77 15.5 0.0 32.6

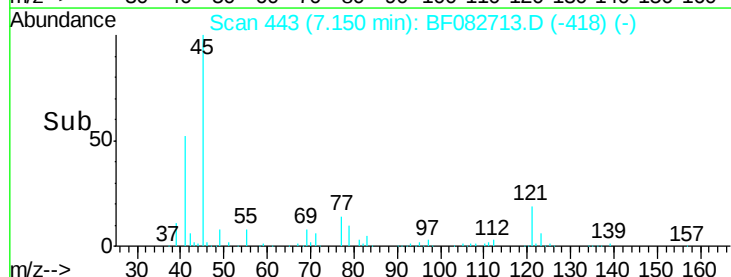
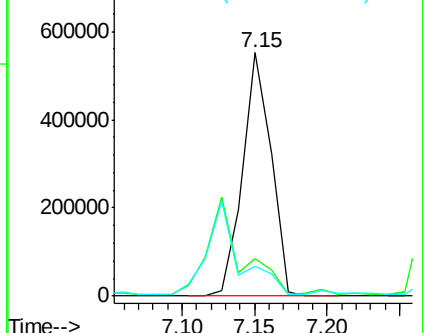
79 12.1 0.0 29.2

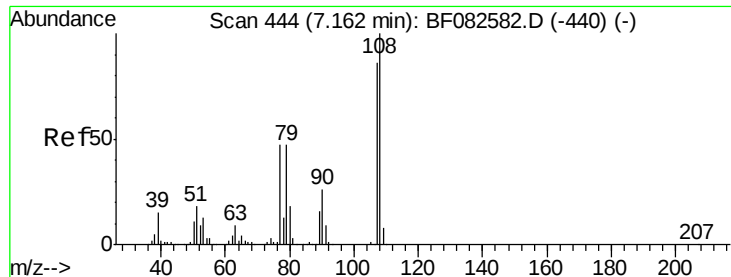


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 47.09 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

Tgt Ion:107 Resp: 423934

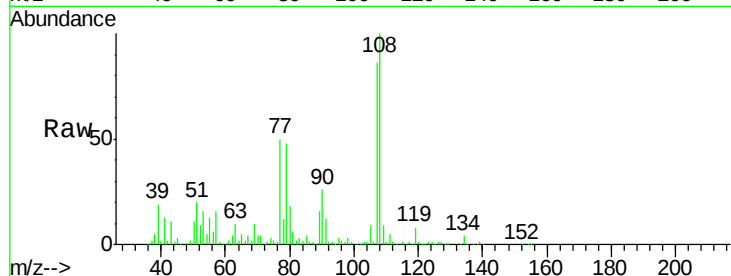
Ion Ratio Lower Upper

107 100

108 116.4 93.0 139.4

77 58.7 44.1 66.1

79 56.2 43.6 65.4

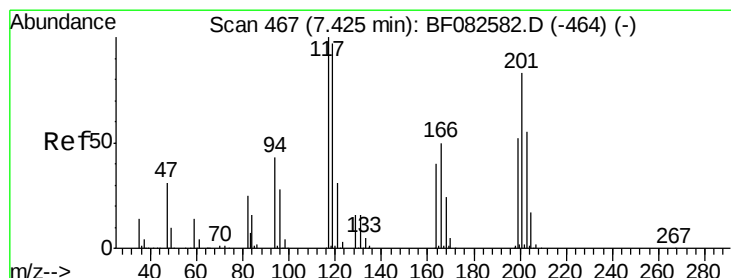
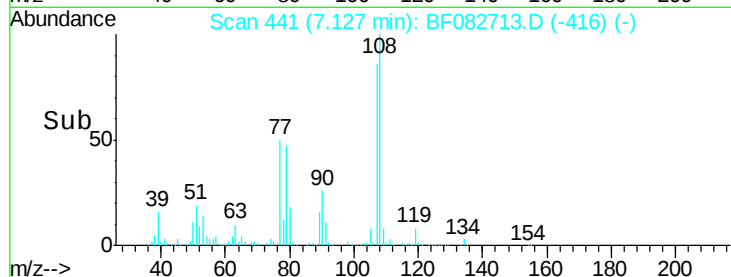
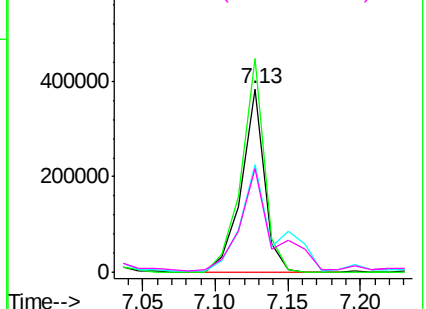


Abundance Ion 107.00 (106.70 to 107.70): E

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: 62.06 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

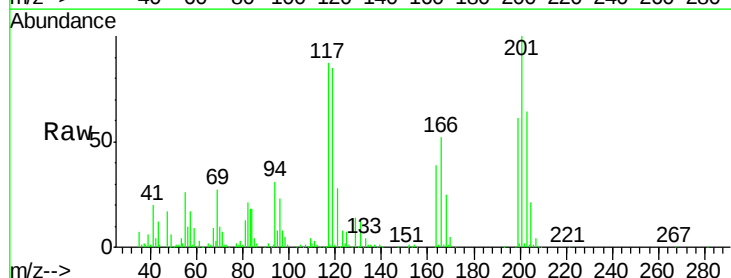
Tgt Ion:117 Resp: 289976

Ion Ratio Lower Upper

117 100

119 97.5 77.7 116.5

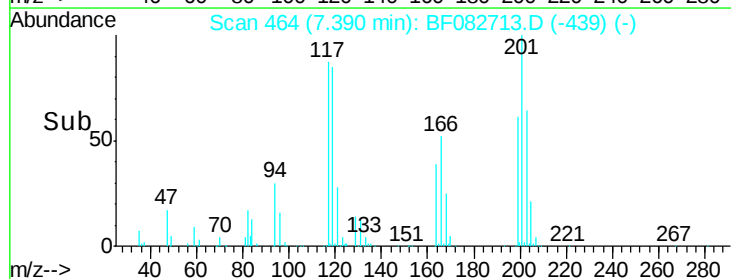
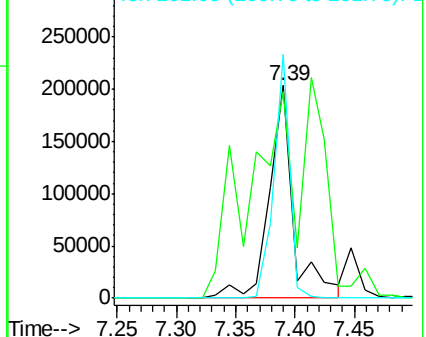
201 114.7 66.7 100.1#

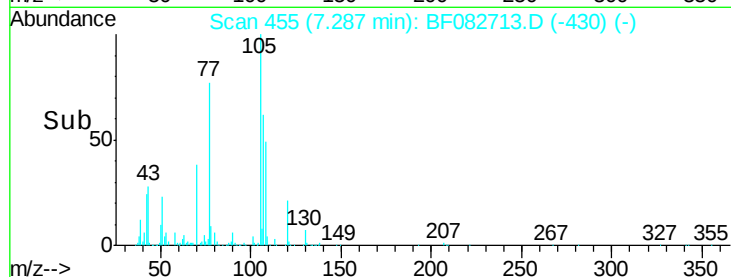
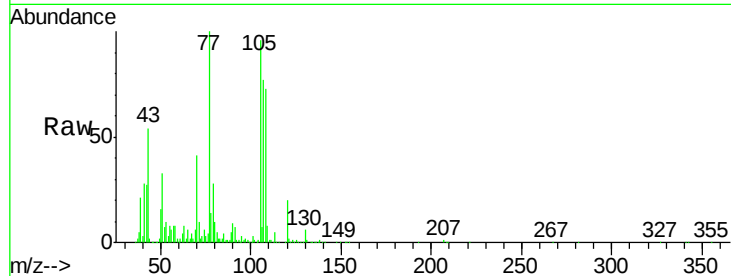
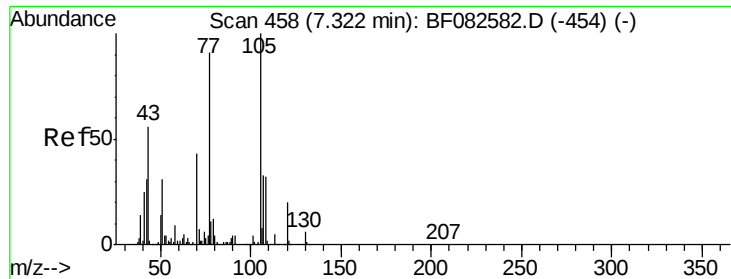


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

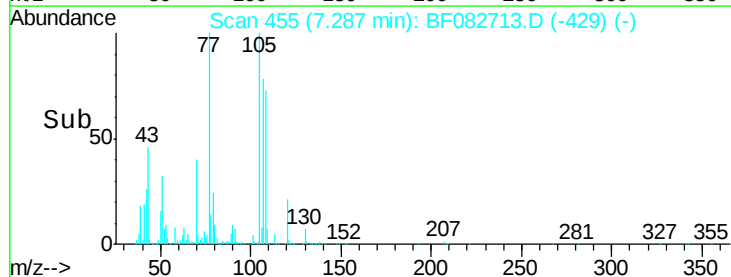
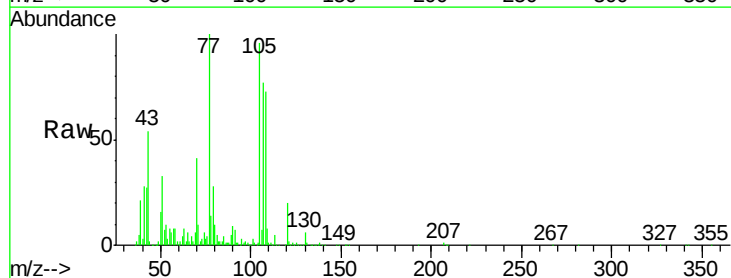
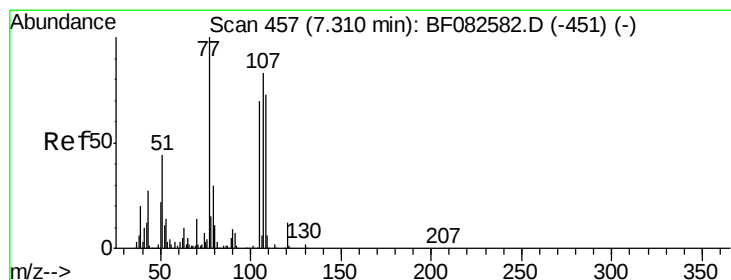
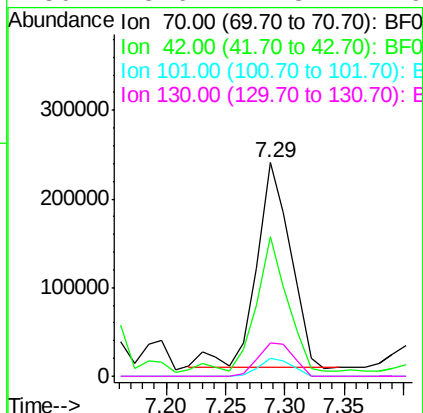




#19
n-Nitroso-di-n-propylamine
Concen: 47.09 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

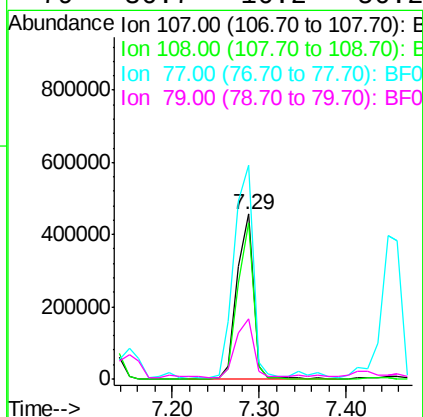
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

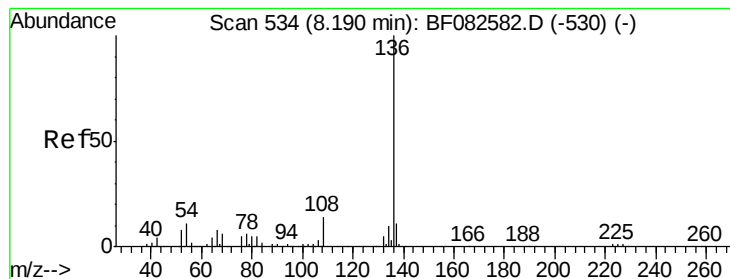
Tgt Ion: 70 Resp: 463998
Ion Ratio Lower Upper
70 100
42 65.5 57.7 86.5
101 8.3 7.0 10.6
130 15.6 11.8 17.6



#20
3+4-Methylphenols
Concen: 49.74 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 107 Resp: 581855
Ion Ratio Lower Upper
107 100
108 94.9 67.3 107.3
77 129.8 100.3 140.3
79 36.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

Tgt Ion:136 Resp: 545374

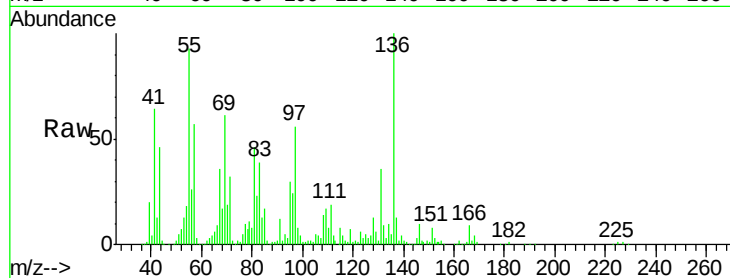
Ion Ratio Lower Upper

136 100

137 12.7 9.1 13.7

54 17.5 9.1 13.7#

68 16.7 4.8 7.2#

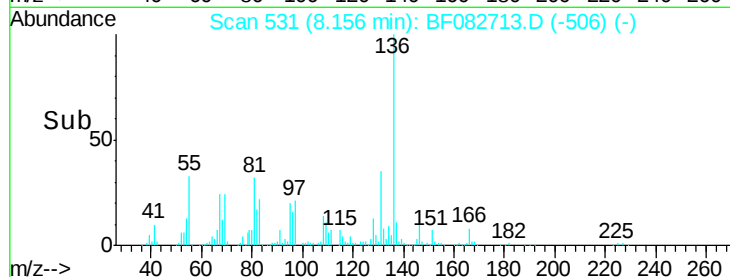


Abundance Ion 136.00 (135.70 to 136.70): E

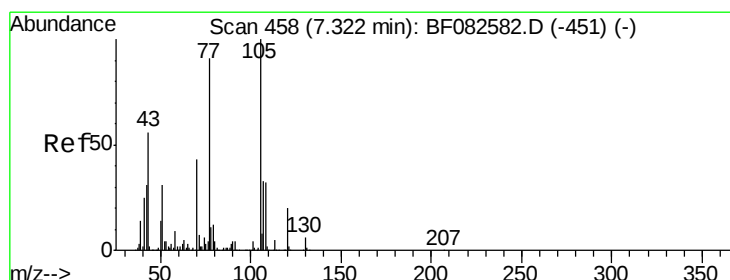
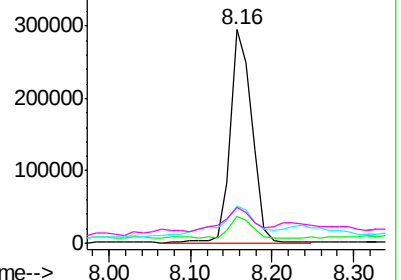
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 50.61 ng

RT: 7.29 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Tgt Ion:105 Resp: 812623

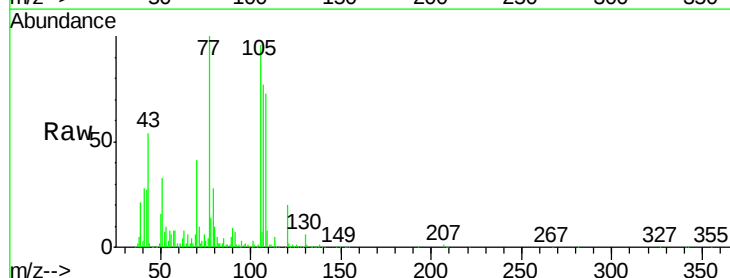
Ion Ratio Lower Upper

105 100

71 10.8 5.6 8.4#

51 34.6 24.9 37.3

120 20.5 15.8 23.8

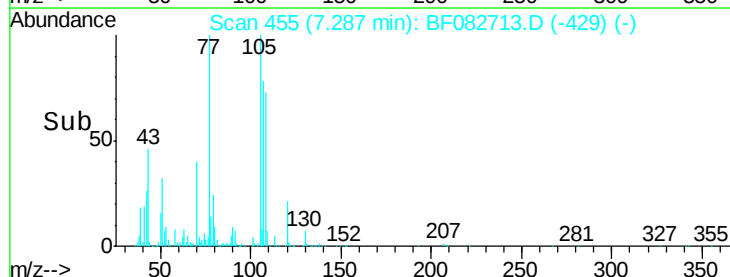


Abundance Ion 105.00 (104.70 to 105.70): E

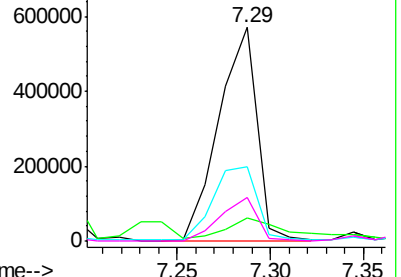
Ion 71.00 (70.70 to 71.70): BF0

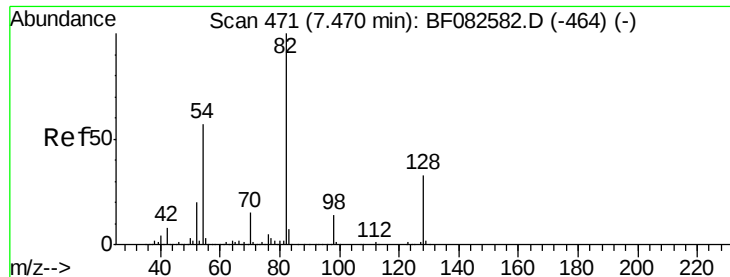
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

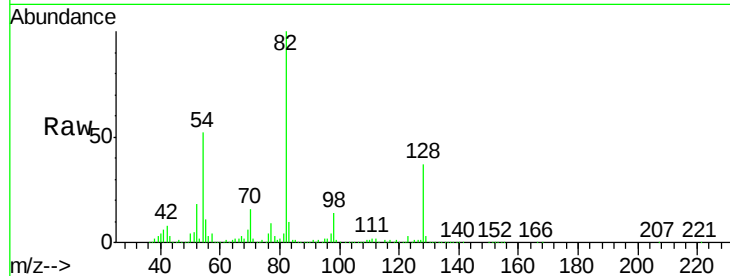




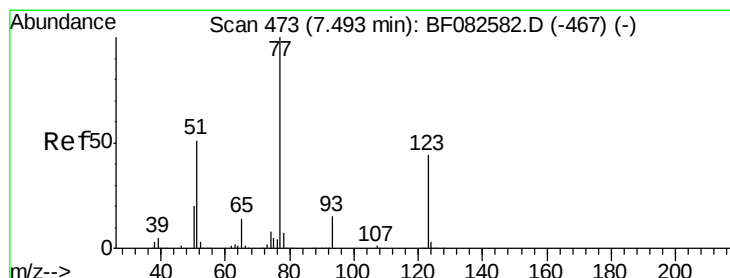
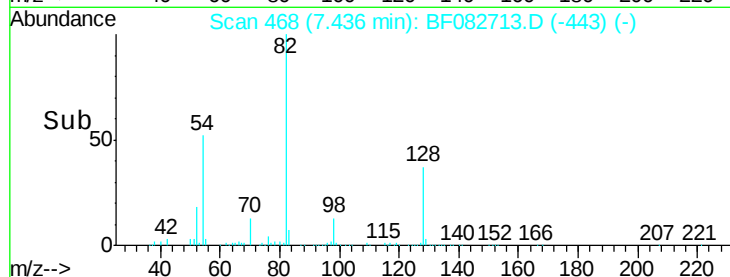
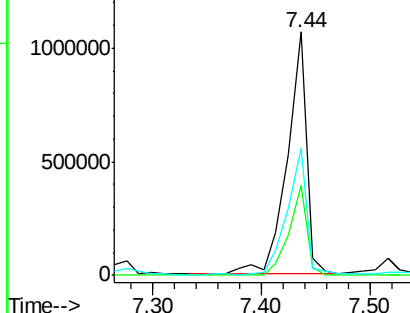
#23
Nitrobenzene-d5
Concen: 99.63 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

Tgt Ion: 82 Resp: 1330620
Ion Ratio Lower Upper
82 100
128 36.9 26.8 40.2
54 52.2 45.7 68.5

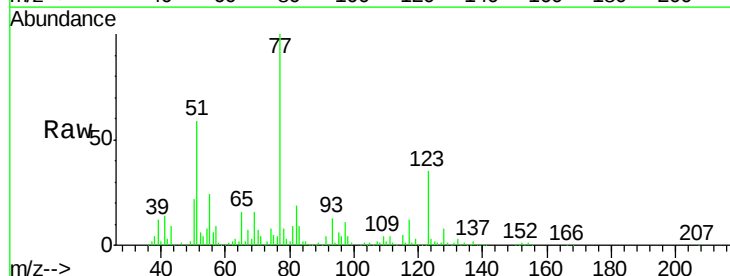


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

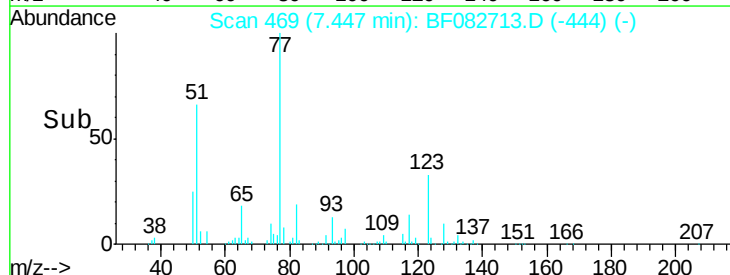
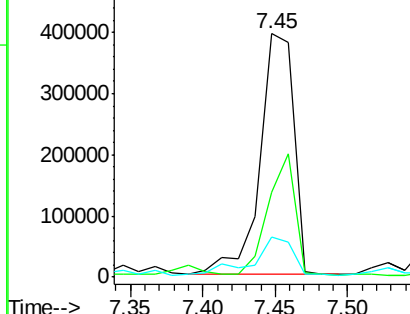


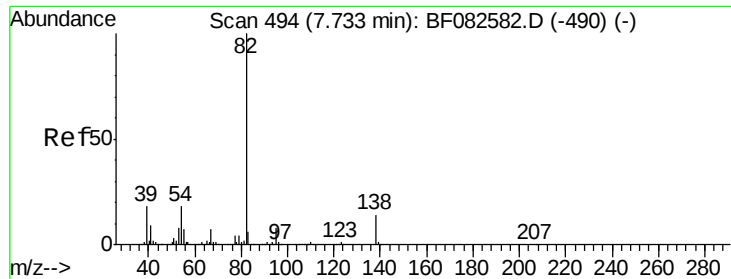
#24
Nitrobenzene
Concen: 47.29 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 77 Resp: 638395
Ion Ratio Lower Upper
77 100
123 35.0 36.4 54.6#
65 16.3 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 49.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

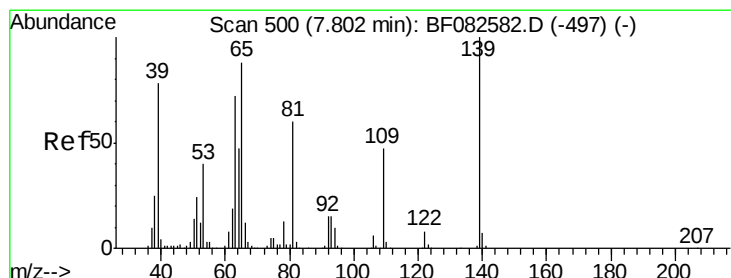
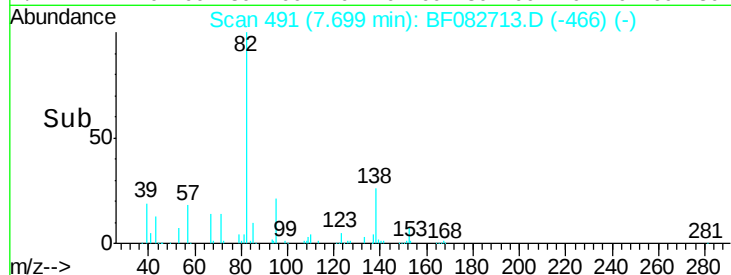
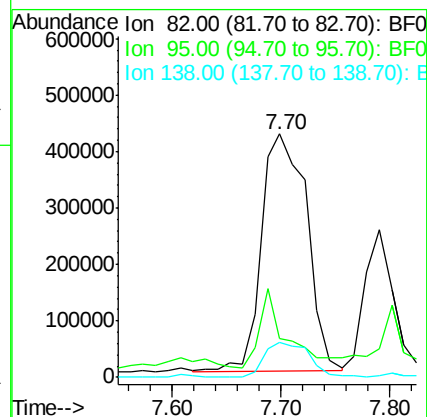
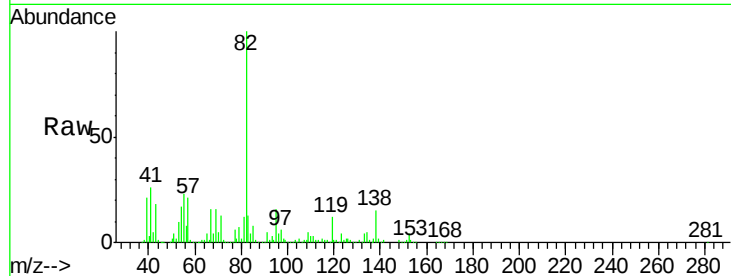
Tgt Ion: 82 Resp: 1214256

Ion Ratio Lower Upper

82 100

95 16.0 6.6 9.8#

138 14.5 11.4 17.0



#26

2-Nitrophenol

Concen: 49.70 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

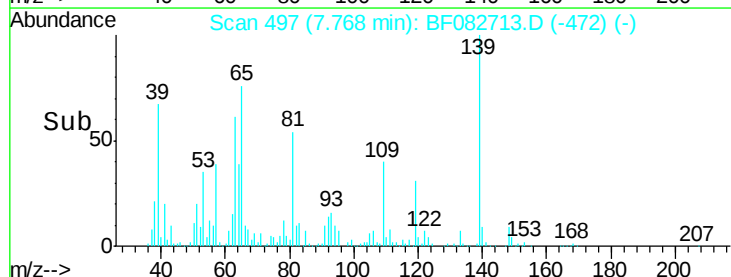
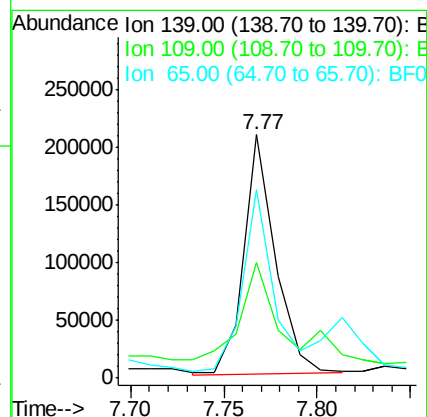
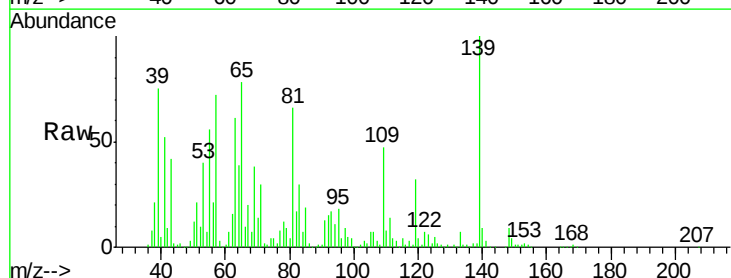
Tgt Ion: 139 Resp: 245080

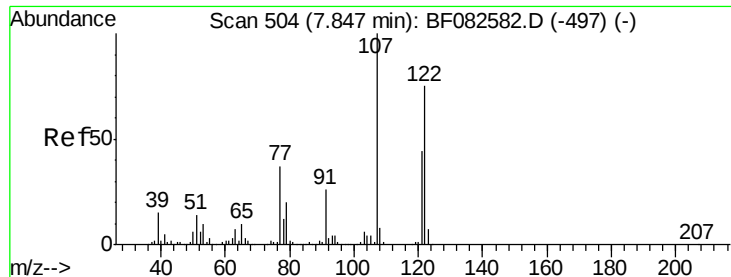
Ion Ratio Lower Upper

139 100

109 47.3 37.6 56.4

65 77.5 70.6 105.8

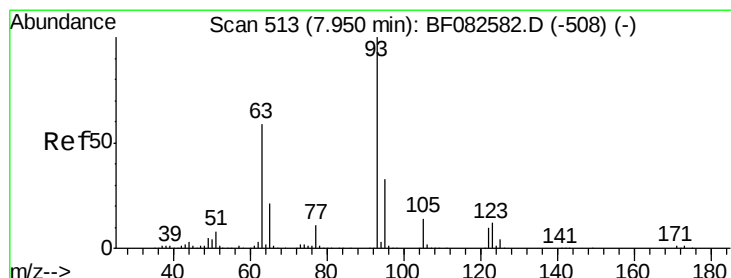
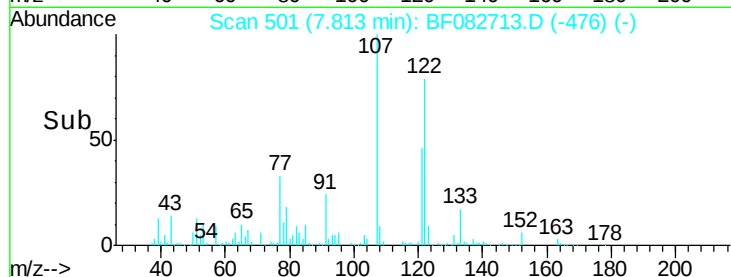
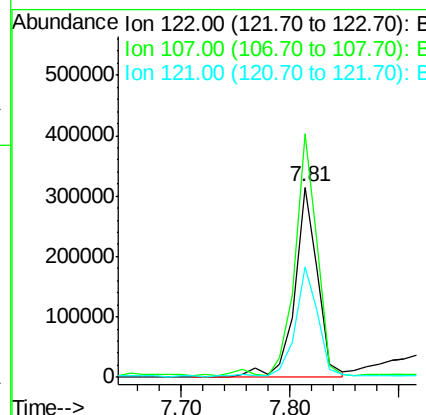
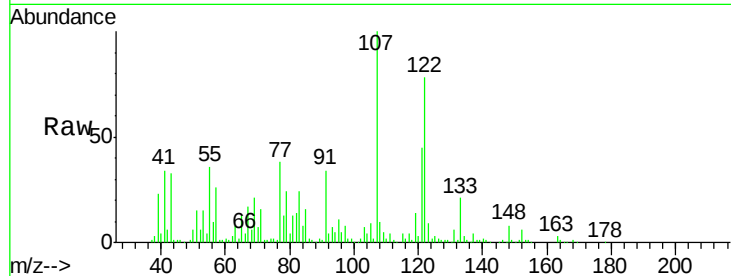




#27
2,4-Dimethylphenol
Concen: 47.67 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

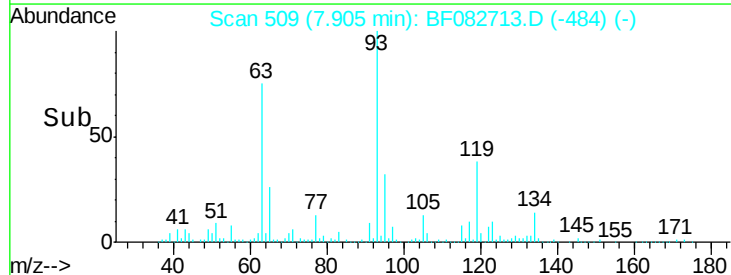
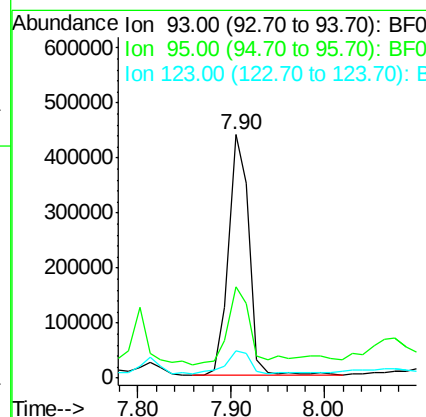
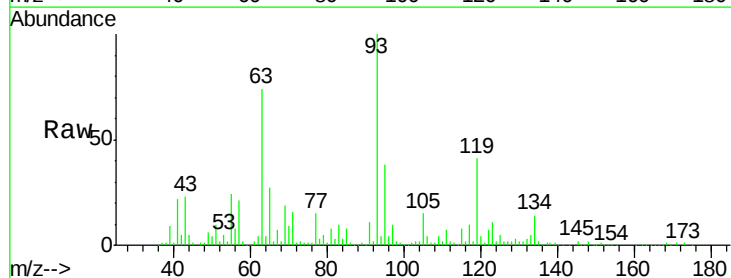
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

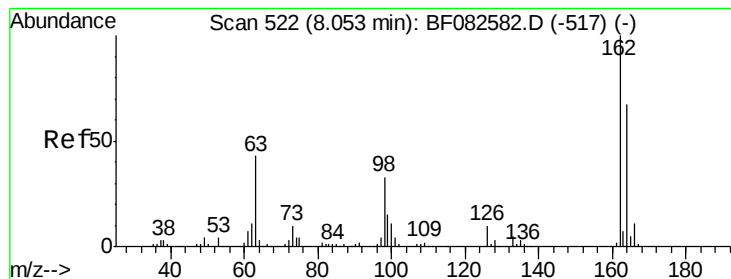
Tgt Ion:122 Resp: 458837
Ion Ratio Lower Upper
122 100
107 128.0 106.0 159.0
121 58.1 46.7 70.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.90 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 93 Resp: 657172
Ion Ratio Lower Upper
93 100
95 37.7 26.6 40.0
123 11.2 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 51.39 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

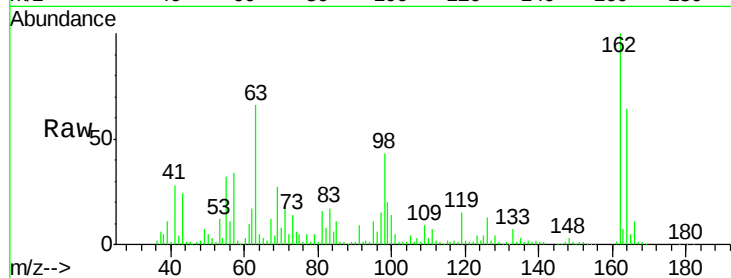
Tgt Ion:162 Resp: 450928

Ion Ratio Lower Upper

162 100

164 63.7 46.8 86.8

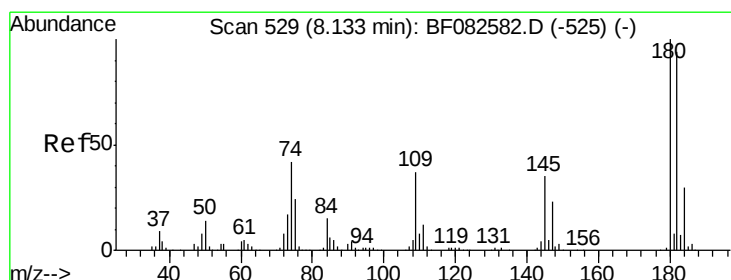
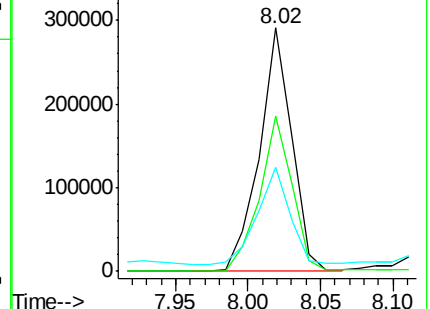
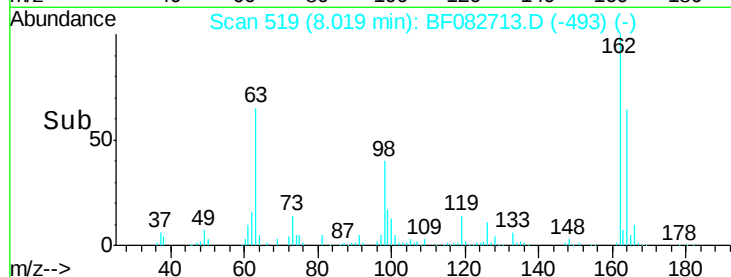
98 42.8 12.5 52.5



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: 47.24 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

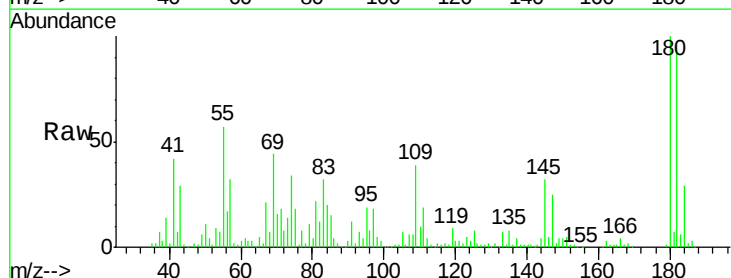
Tgt Ion:180 Resp: 460031

Ion Ratio Lower Upper

180 100

182 96.0 74.9 112.3

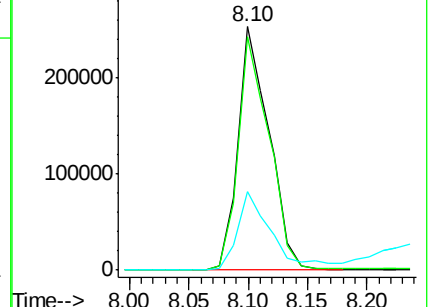
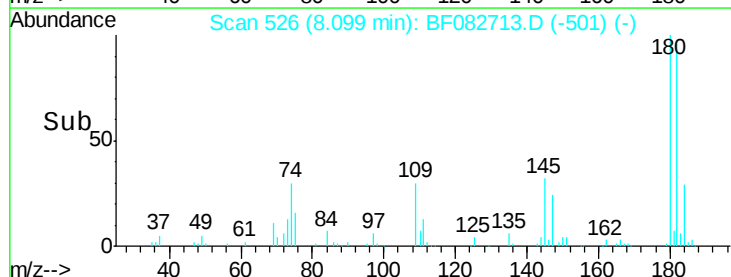
145 32.2 27.8 41.8

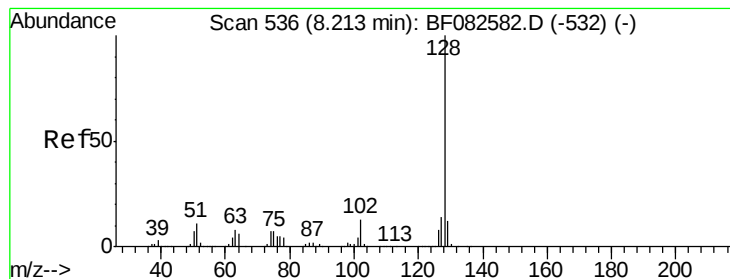


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 50.67 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

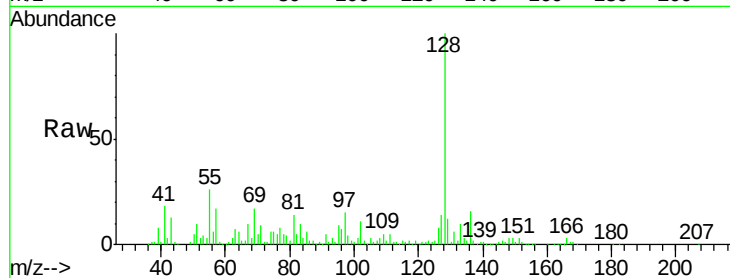
Tgt Ion:128 Resp: 1495206

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

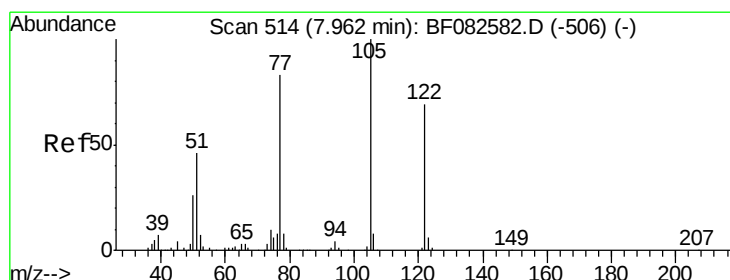
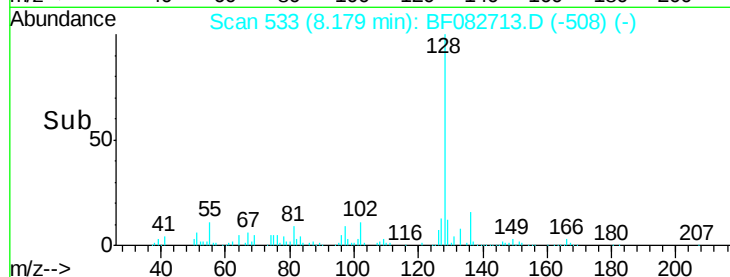
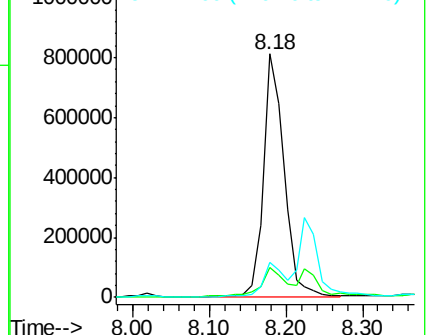
127 14.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 15.41 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

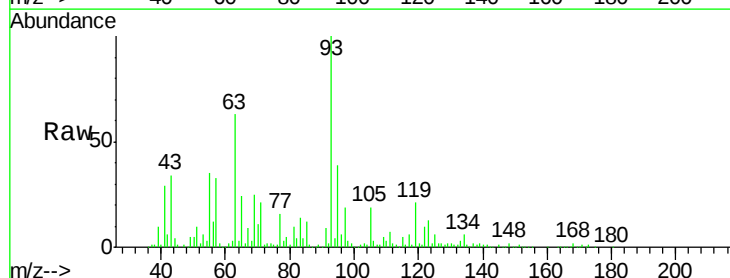
Tgt Ion:122 Resp: 107592

Ion Ratio Lower Upper

122 100

105 180.5 122.6 162.6#

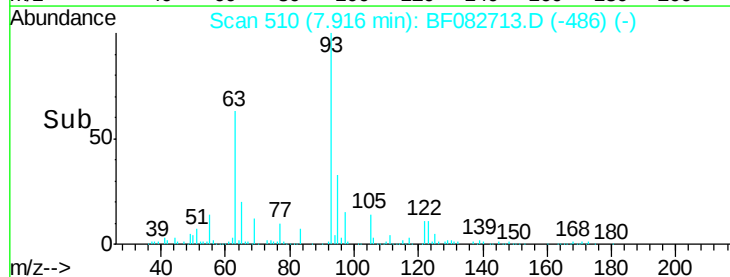
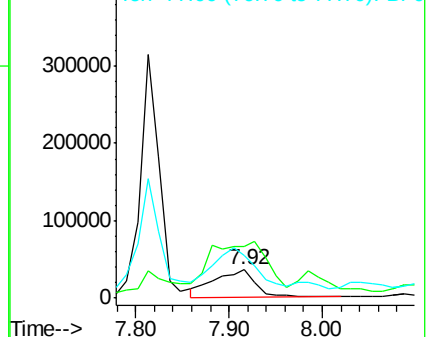
77 150.0 100.9 140.9#

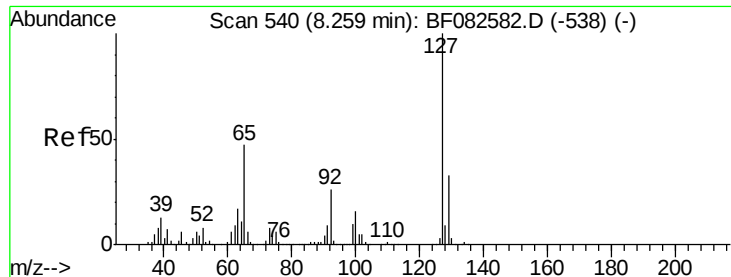


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

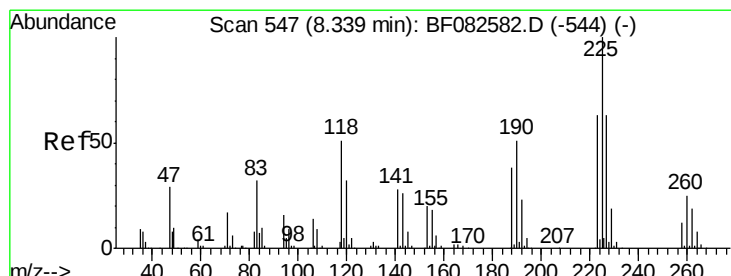
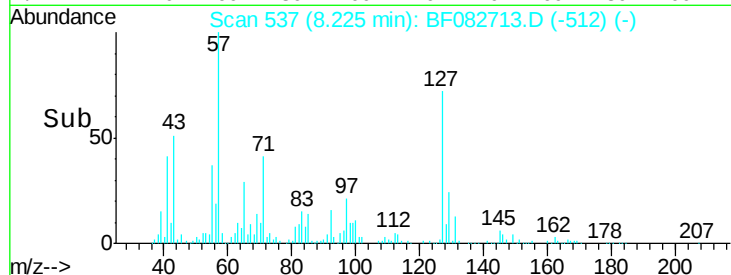
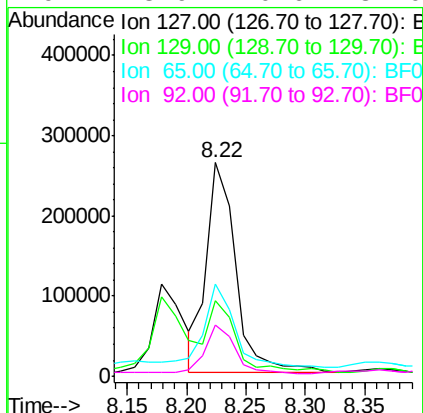
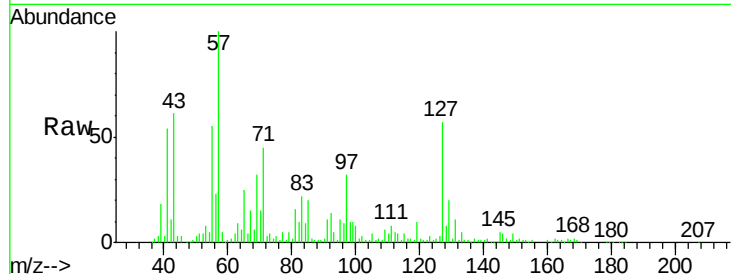




#33
4-Chloroaniline
Concen: 35.88 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

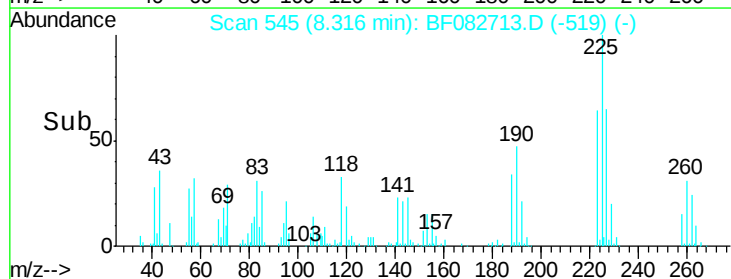
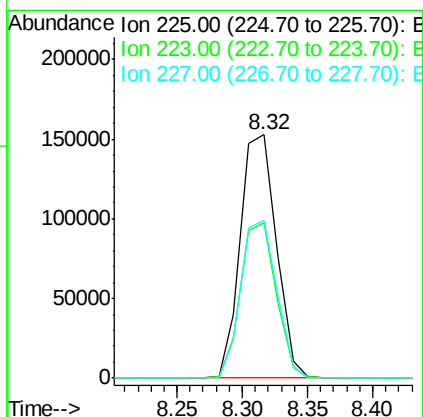
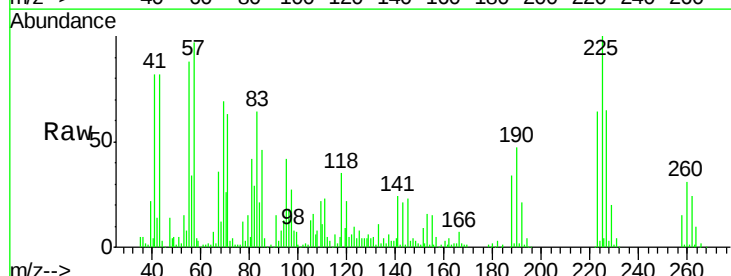
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

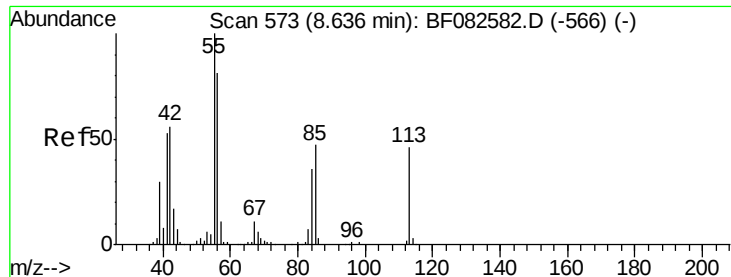
Tgt Ion:	127	Resp:	452098
Ion	Ratio	Lower	Upper
127	100		
129	35.6	26.3	39.5
65	43.2	37.8	56.8
92	23.9	20.6	31.0



#34
Hexachlorobutadiene
Concen: 47.36 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:	225	Resp:	293320
Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	64.8	50.2	75.2





#35

Caprolactam

Concen: 131.62 ng

RT: 8.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

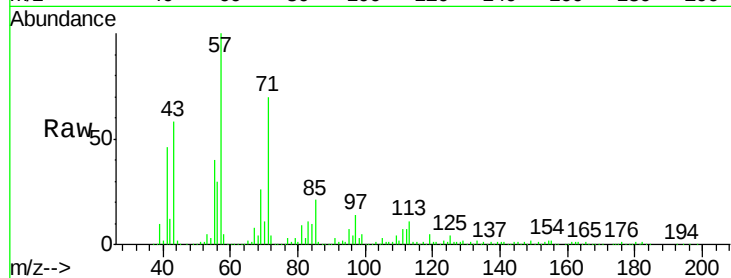
Tgt Ion:113 Resp: 354346

Ion Ratio Lower Upper

113 100

55 372.2 195.5 235.5#

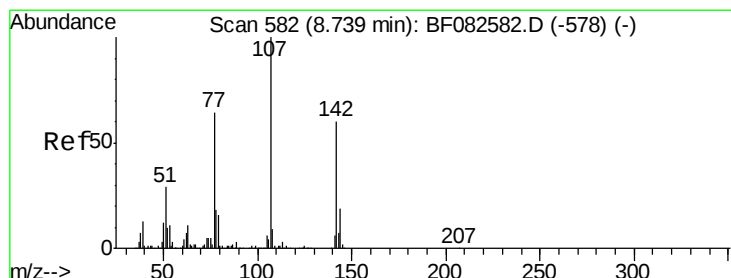
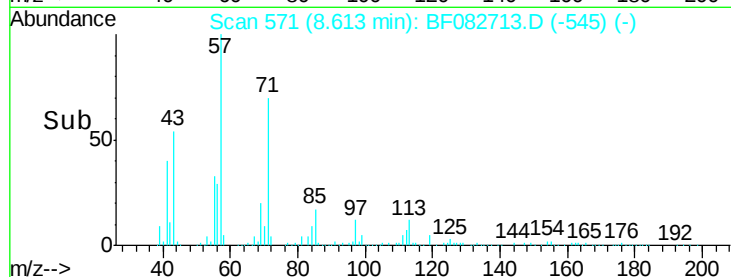
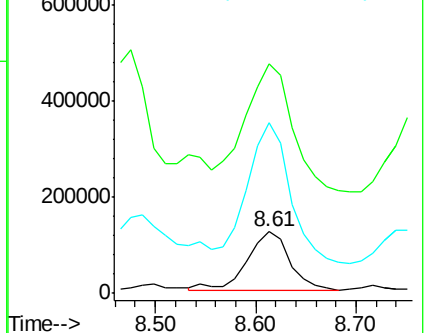
56 276.1 153.5 193.5#



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: 47.34 ng

RT: 8.72 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

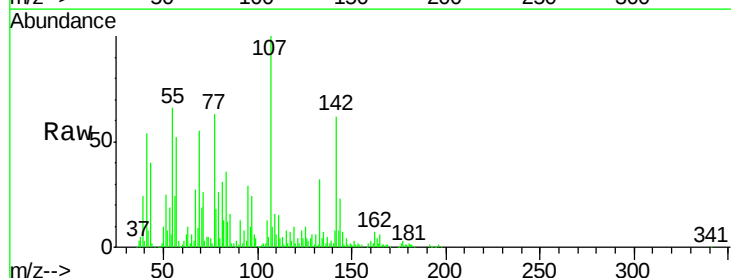
Tgt Ion:107 Resp: 489195

Ion Ratio Lower Upper

107 100

144 22.8 15.4 23.0

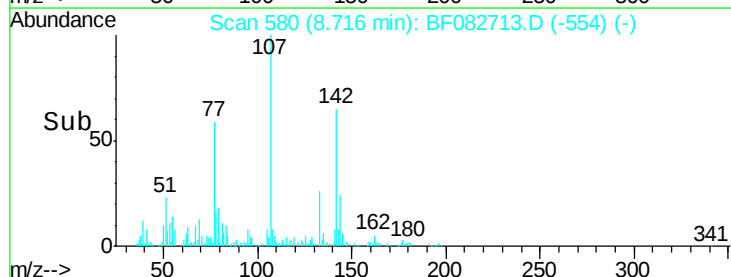
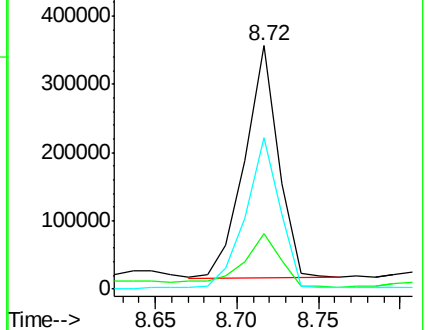
142 62.5 47.8 71.8

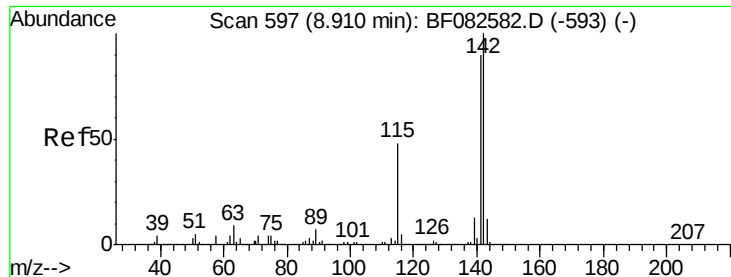


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

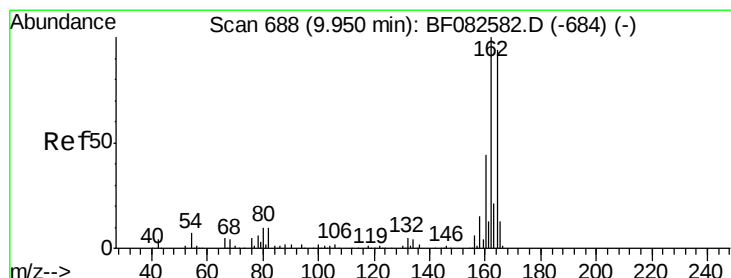
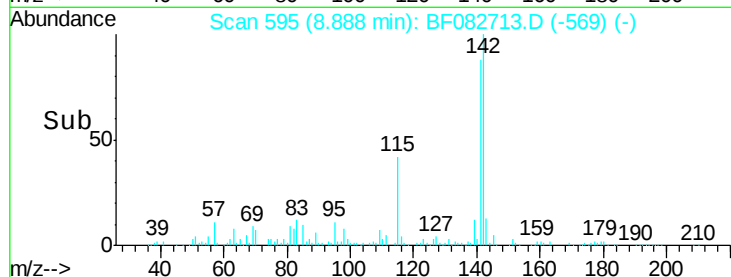
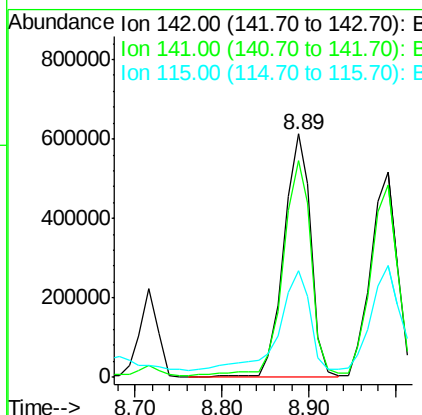
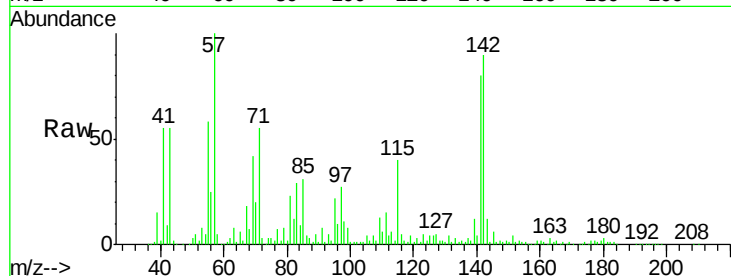




#37
 2-Methylnaphthalene
 Concen: 68.42 ng
 RT: 8.89 min Scan# 595
 Delta R.T. 0.00 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

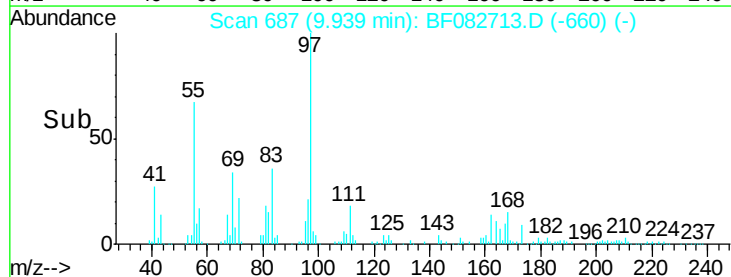
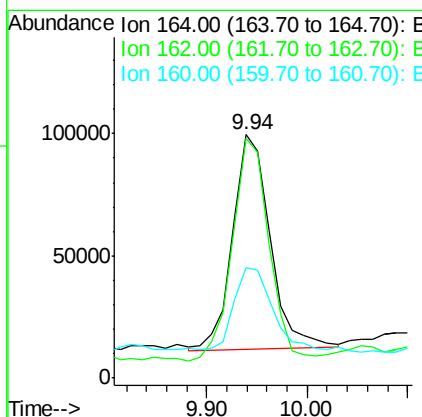
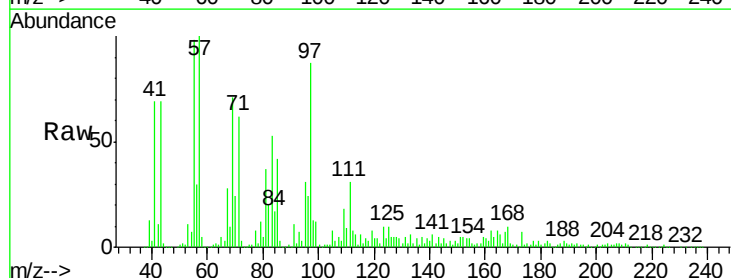
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

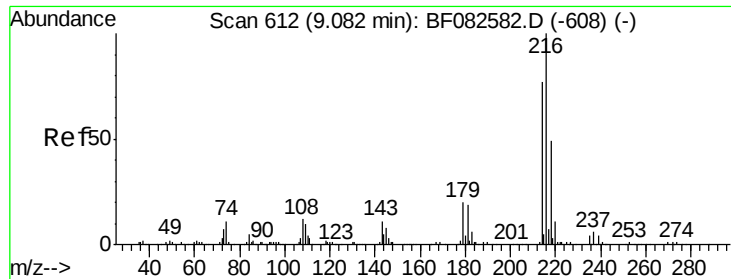
Tgt Ion:142 Resp: 1308658
 Ion Ratio Lower Upper
 142 100
 141 89.0 72.3 108.5
 115 43.9 38.1 57.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.01 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:164 Resp: 228565
 Ion Ratio Lower Upper
 164 100
 162 98.7 84.9 127.3
 160 45.4 37.5 56.3

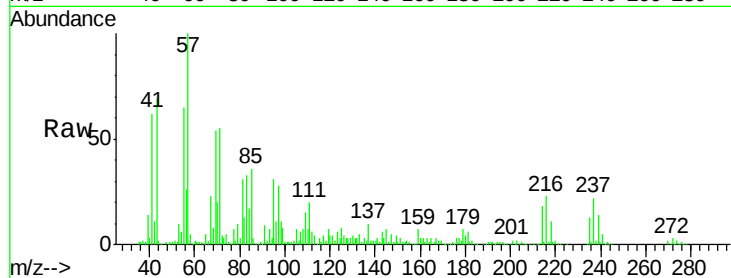




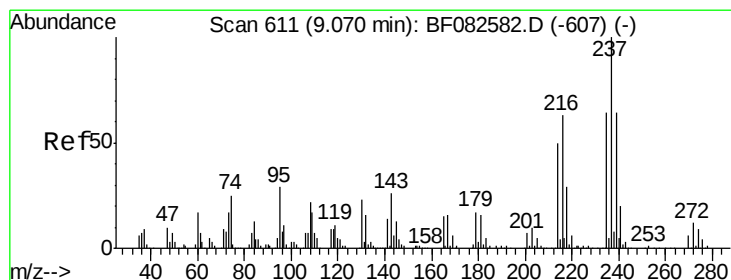
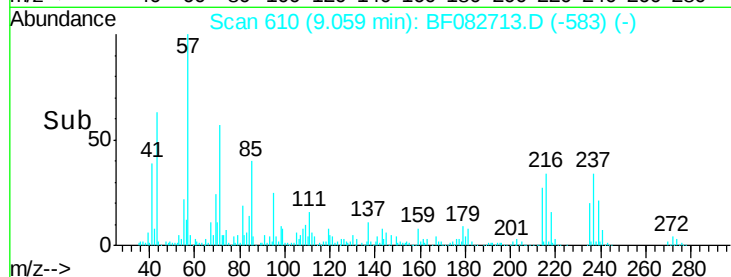
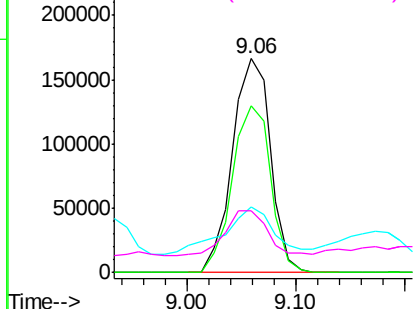
#39
1,2,4,5-Tetrachlorobenzene
Concen: 52.60 ng
RT: 9.06 min Scan# 610
Delta R.T. 0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

Tgt Ion:	216	Resp:	401182
Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.2	93.2
179	30.7	18.1	27.1#
108	24.2	16.6	25.0

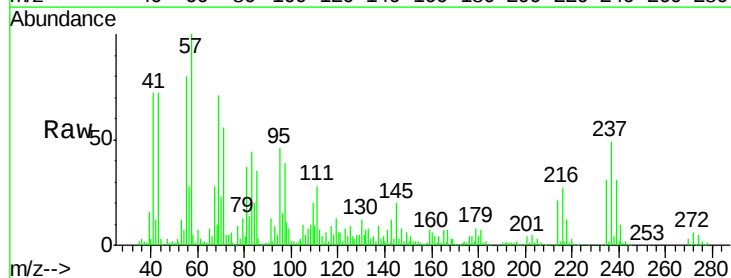


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

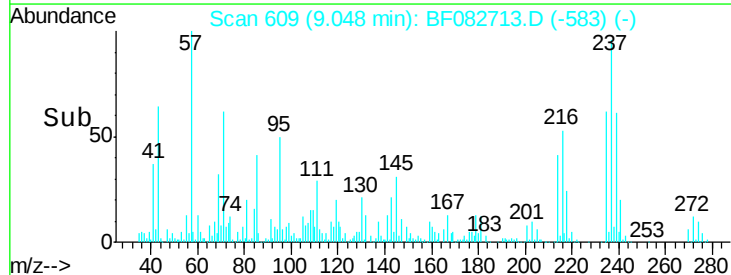
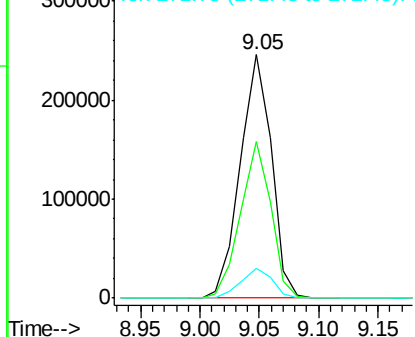


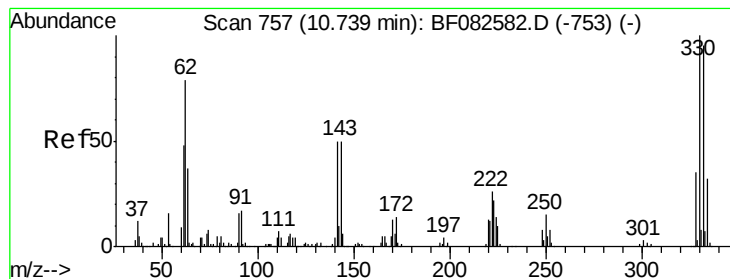
#40
Hexachlorocyclopentadiene
Concen: 94.44 ng
RT: 9.05 min Scan# 609
Delta R.T. 0.00 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:	237	Resp:	452844
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.3	84.3
272	12.1	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 153.48 ng

RT: 10.75 min Scan# 758

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

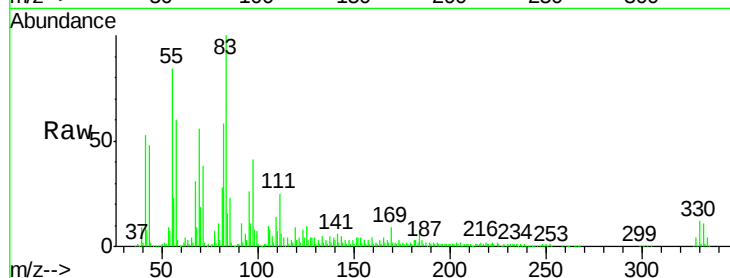
Tgt Ion:330 Resp: 383928

Ion Ratio Lower Upper

330 100

332 97.0 76.6 114.8

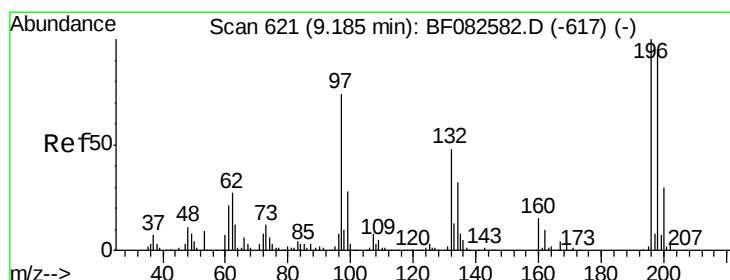
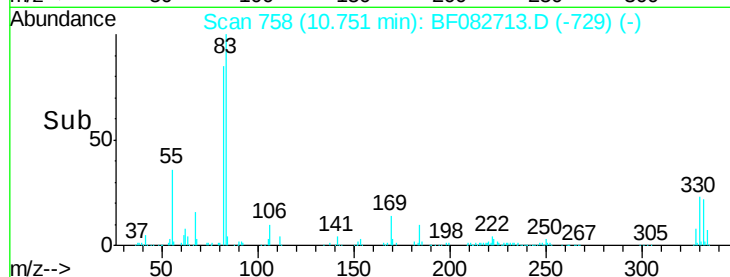
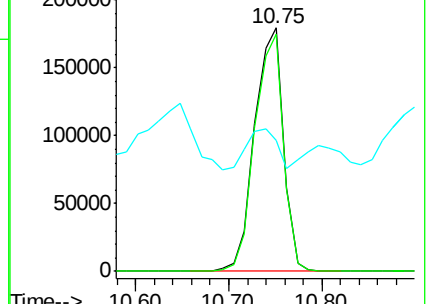
141 17.4 41.2 61.8#



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: 103.77 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

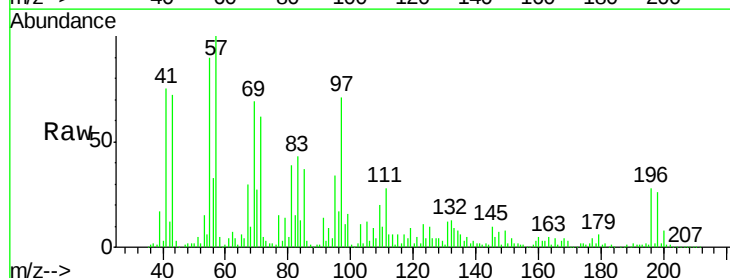
Tgt Ion:196 Resp: 571473

Ion Ratio Lower Upper

196 100

198 94.7 76.3 114.5

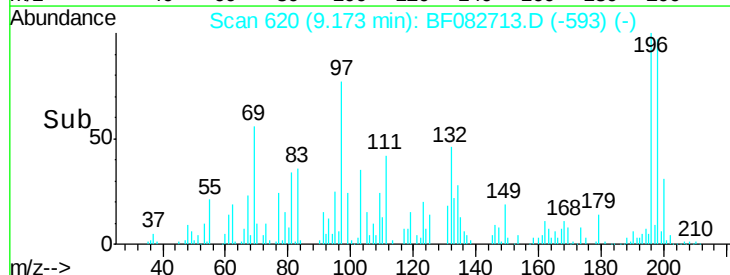
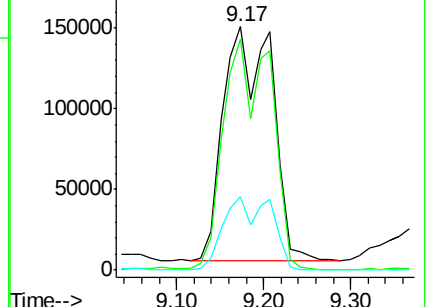
200 30.3 23.9 35.9

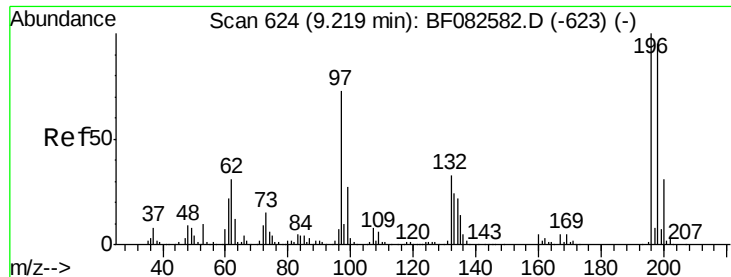


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

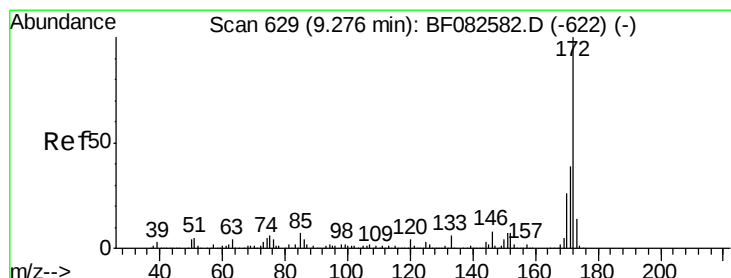
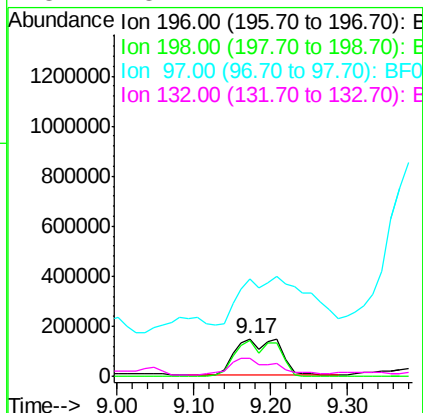
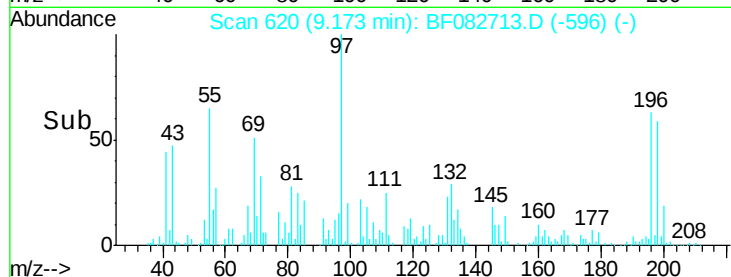
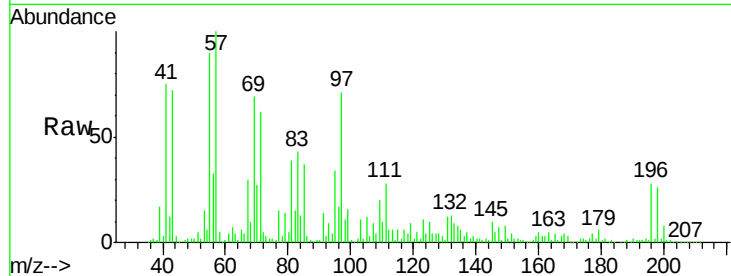




#43
2,4,5-Trichlorophenol
Concen: 103.93 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

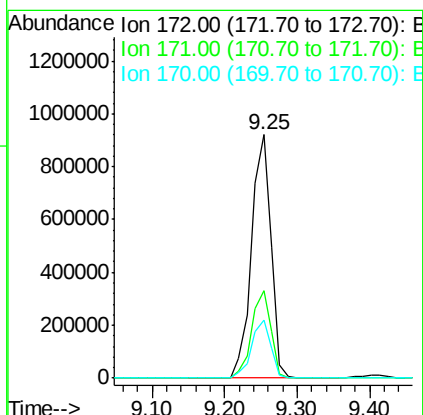
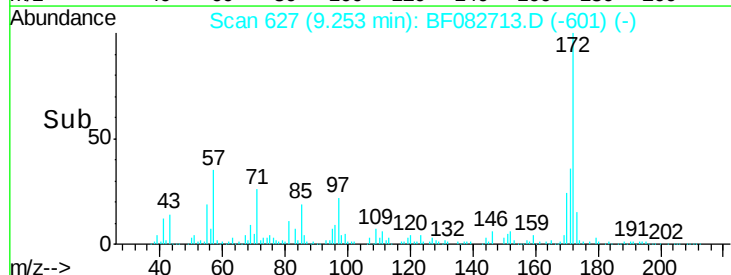
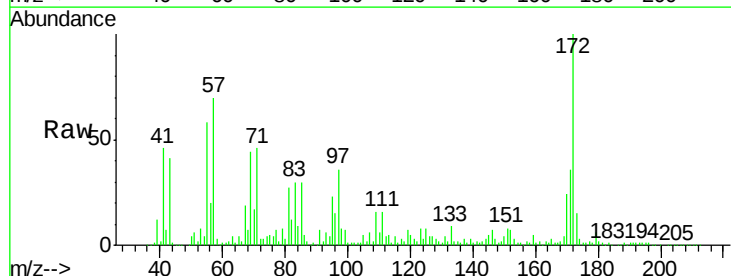
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

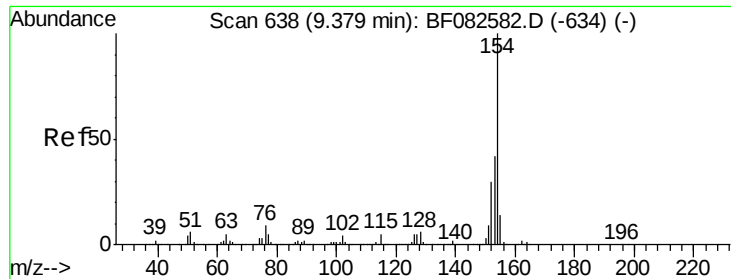
Tgt Ion:196 Resp: 570261
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.8
97 258.4 62.3 93.5#
132 48.4 27.4 41.2#



#44
2-Fluorobiphenyl
Concen: 108.24 ng
RT: 9.25 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:172 Resp: 1742432
Ion Ratio Lower Upper
172 100
171 36.0 30.8 46.2
170 24.1 21.2 31.8





#45

1,1'-Biphenyl

Concen: 52.82 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

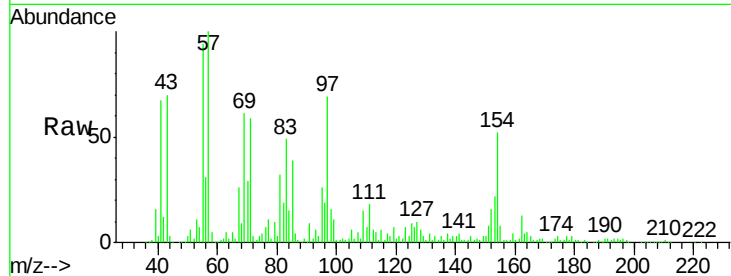
Tgt Ion:154 Resp: 1019797

Ion Ratio Lower Upper

154 100

153 41.7 22.0 62.0

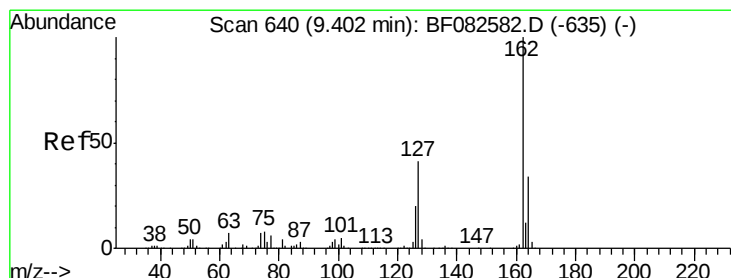
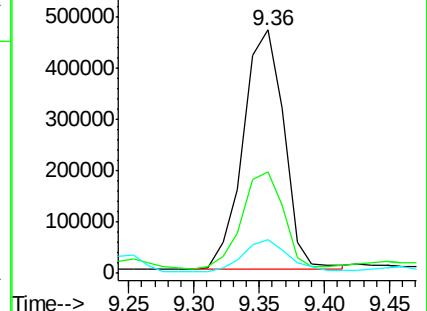
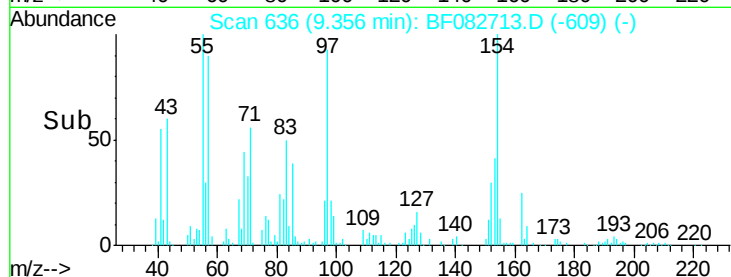
76 14.0 0.0 29.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.79 ng

RT: 9.38 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

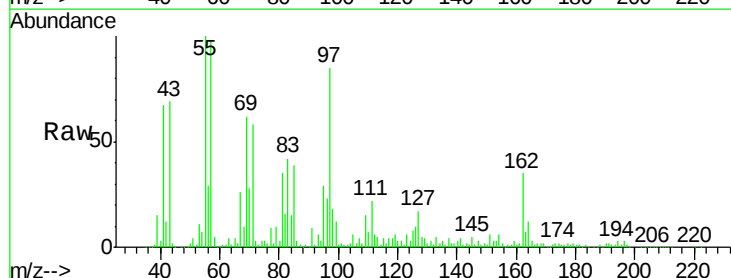
Tgt Ion:162 Resp: 765763

Ion Ratio Lower Upper

162 100

127 49.0 32.7 49.1

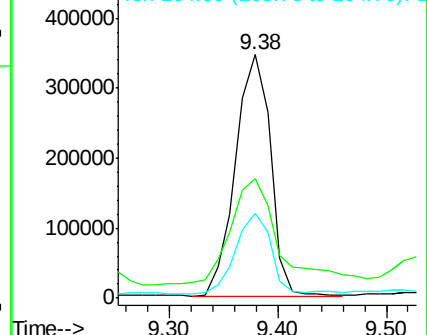
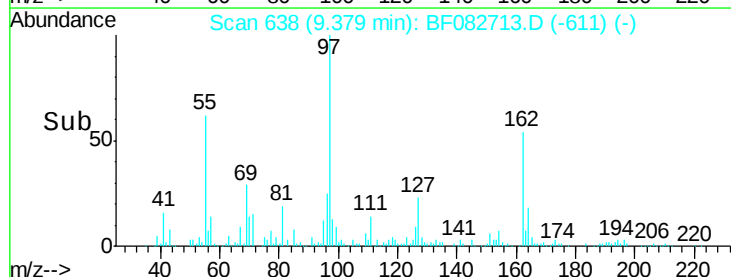
164 34.9 27.4 41.0

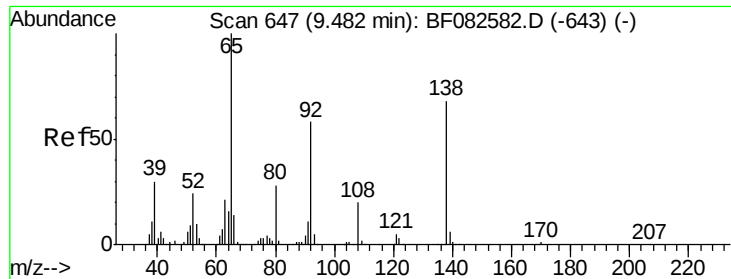


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

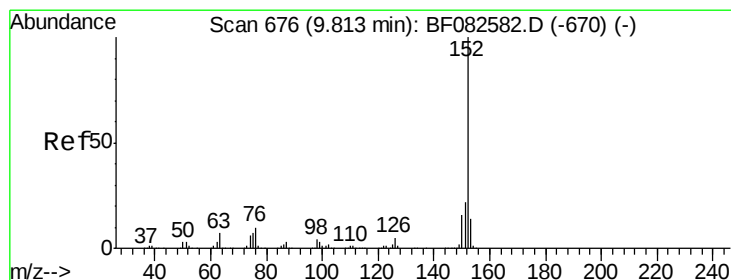
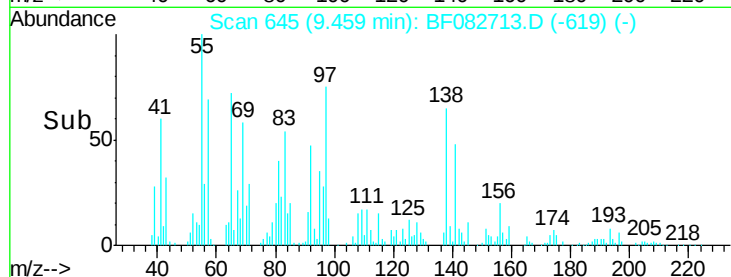
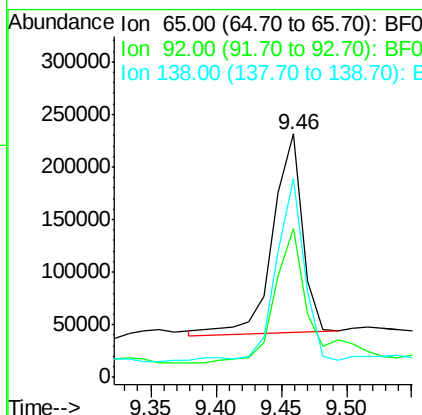
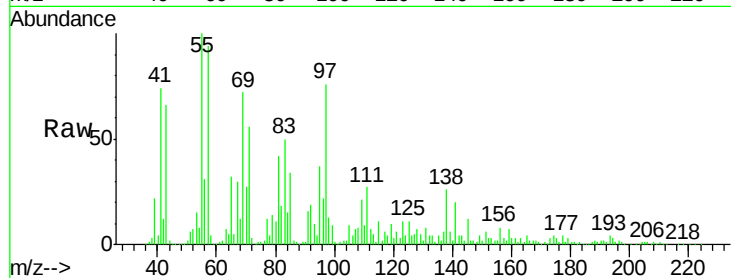




#47
2-Nitroaniline
Concen: 51.73 ng
RT: 9.46 min Scan# 645
Delta R.T. 0.00 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

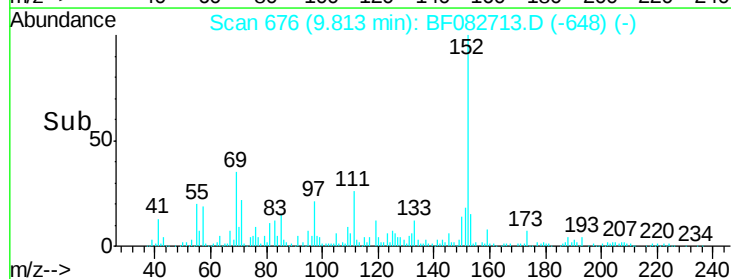
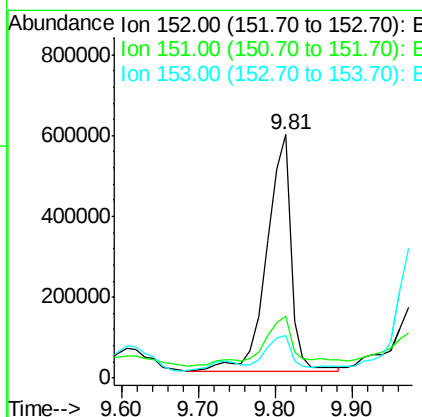
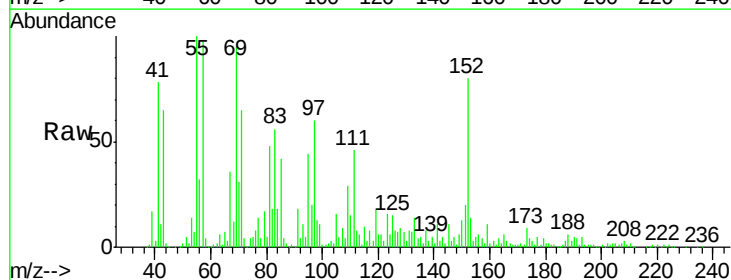
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

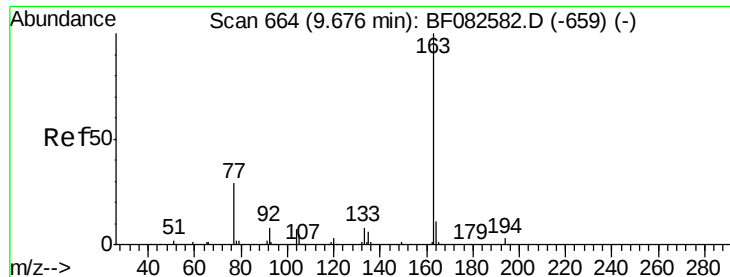
Tgt Ion: 65 Resp: 303169
Ion Ratio Lower Upper
65 100
92 61.1 46.6 70.0
138 81.8 54.6 81.8



#48
Acenaphthylene
Concen: 52.96 ng
RT: 9.81 min Scan# 676
Delta R.T. 0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 152 Resp: 1277157
Ion Ratio Lower Upper
152 100
151 25.6 17.3 25.9
153 17.5 11.3 16.9#





#49

Dimethylphthalate

Concen: 66.65 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

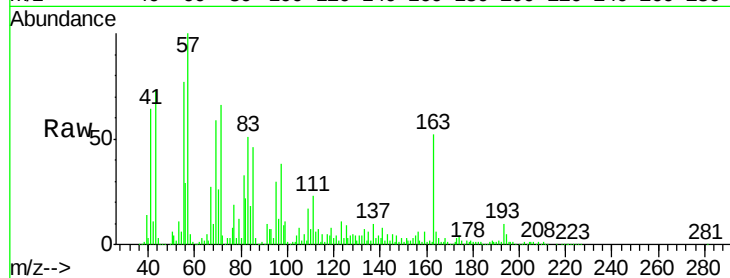
Tgt Ion:163 Resp: 1244165

Ion Ratio Lower Upper

163 100

194 9.5 2.6 4.0#

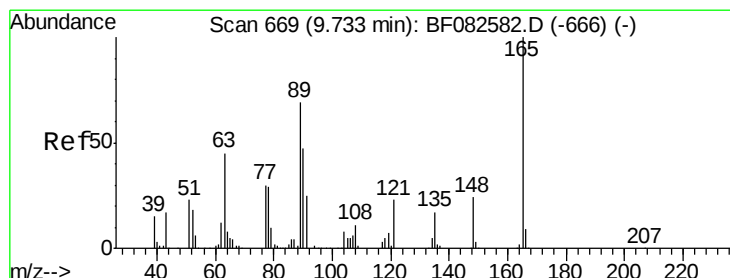
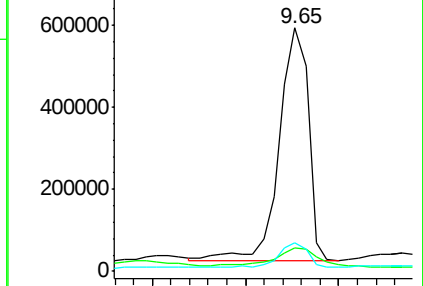
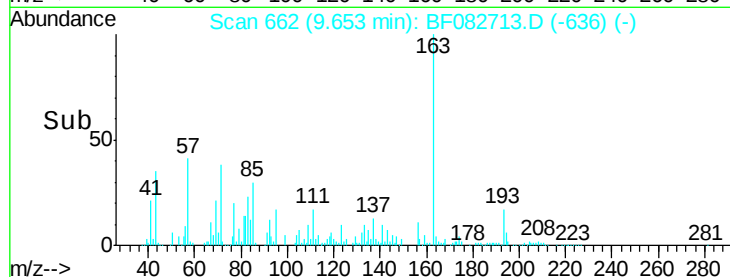
164 11.5 8.7 13.1



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: 38.38 ng

RT: 9.72 min Scan# 668

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

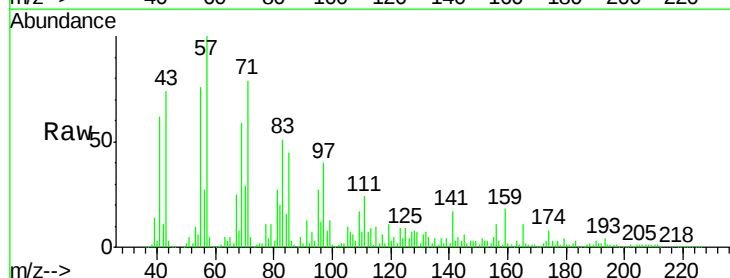
Tgt Ion:165 Resp: 148510

Ion Ratio Lower Upper

165 100

63 52.2 55.5 83.3#

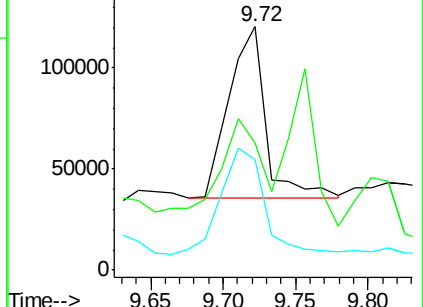
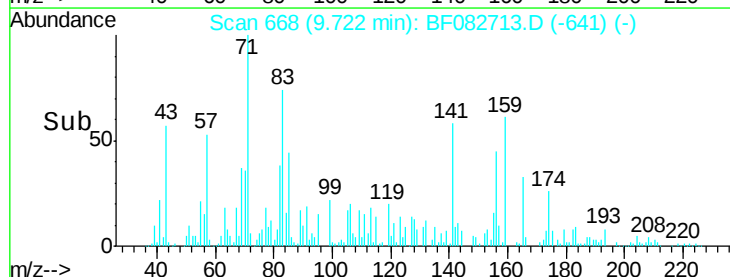
89 45.2 55.0 82.6#

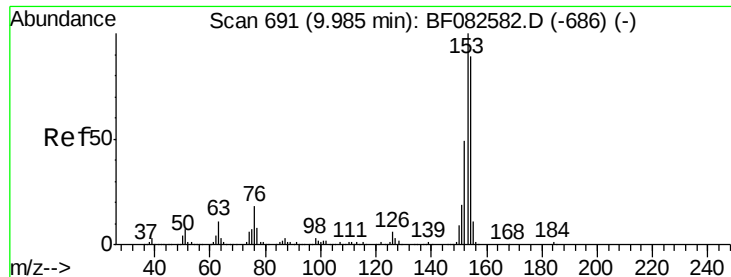


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 47.65 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

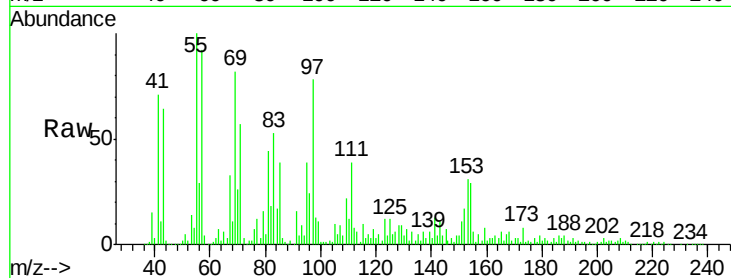
Tgt Ion:154 Resp: 729413

Ion Ratio Lower Upper

154 100

153 108.9 90.1 135.1

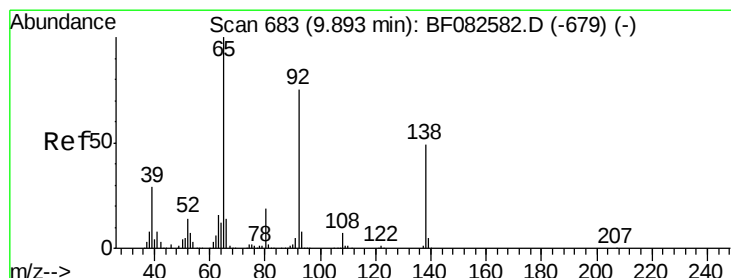
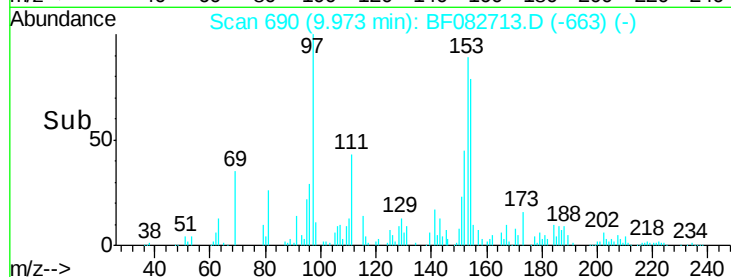
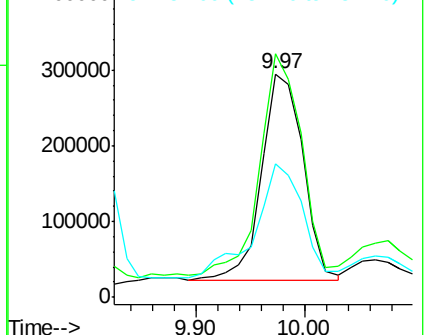
152 59.8 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 44.41 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

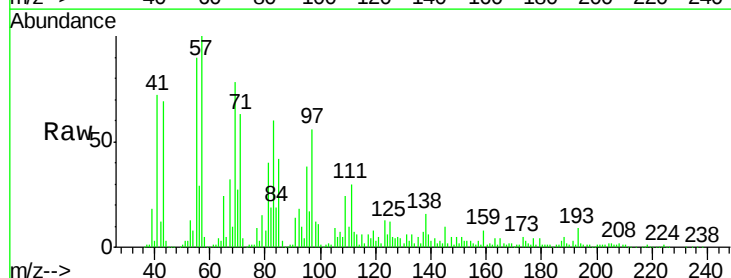
Tgt Ion:138 Resp: 191156

Ion Ratio Lower Upper

138 100

108 30.1 11.3 16.9#

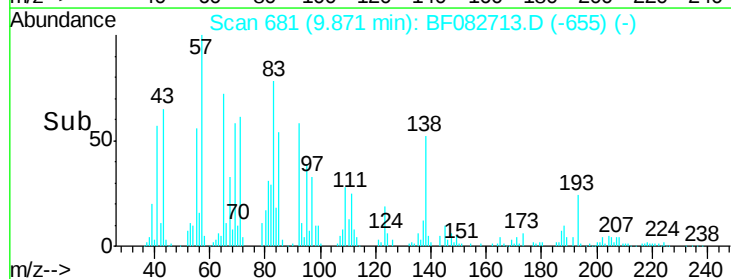
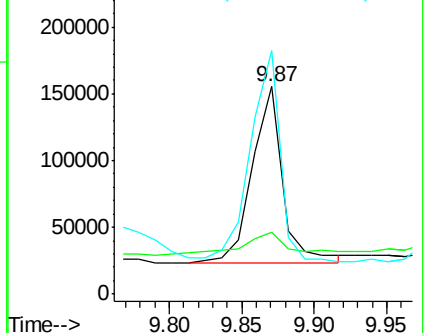
92 117.5 122.4 183.6#

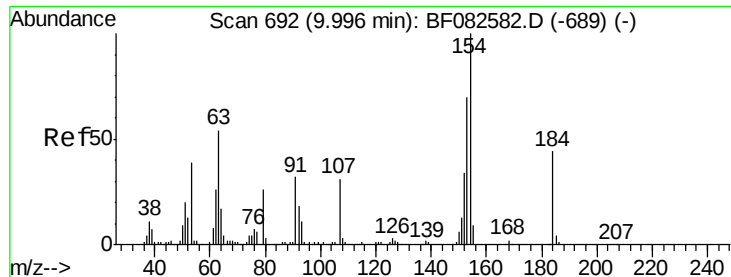


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

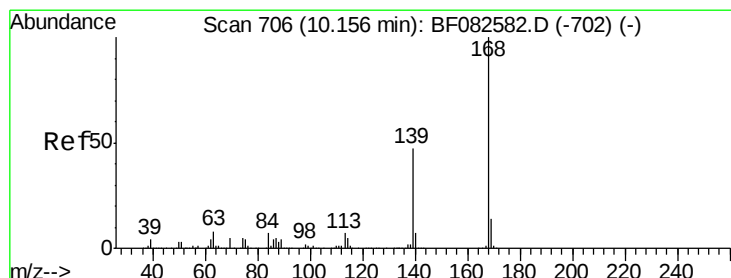
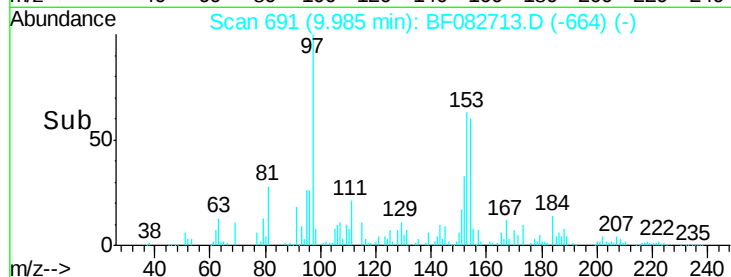
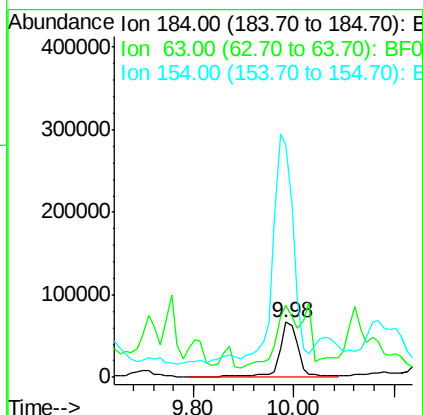
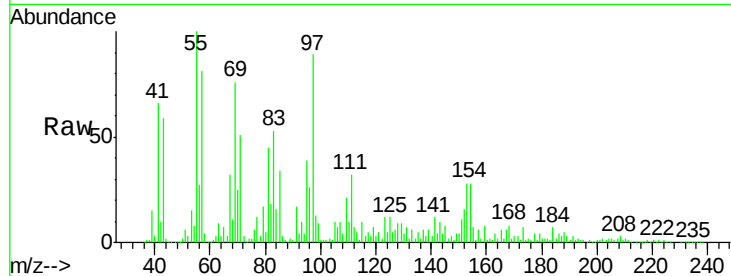




#53
2,4-Dinitrophenol
Concen: 80.72 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

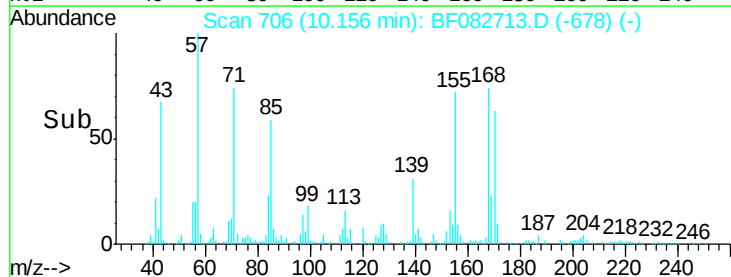
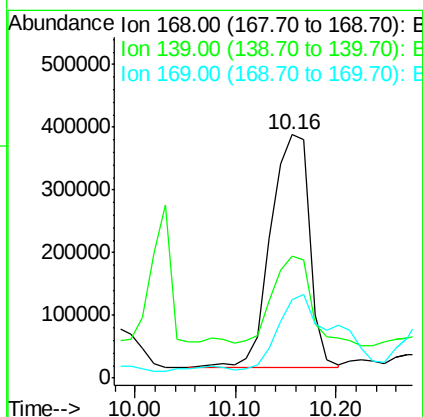
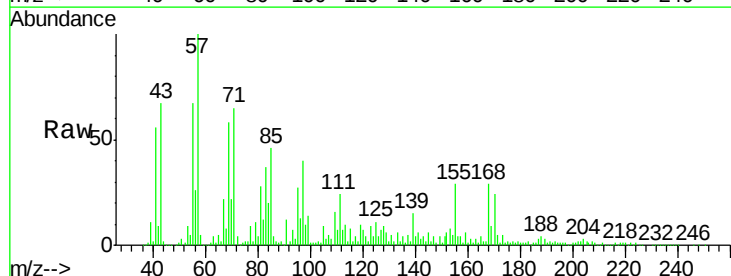
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

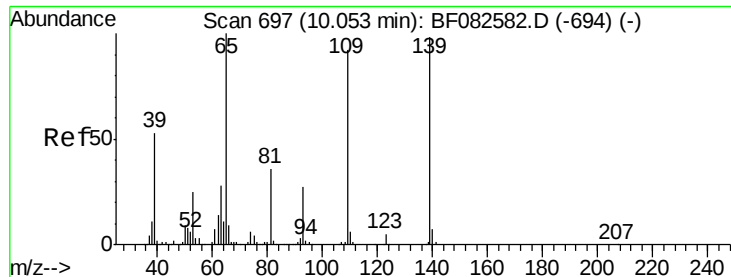
Tgt Ion:184 Resp: 166508
Ion Ratio Lower Upper
184 100
63 129.9 98.6 148.0
154 419.8 183.9 275.9#



#54
Dibenzofuran
Concen: 47.82 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:168 Resp: 993400
Ion Ratio Lower Upper
168 100
139 50.0 37.8 56.6
169 32.2 11.3 16.9#





#55

4-Nitrophenol

Concen: 113.21 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

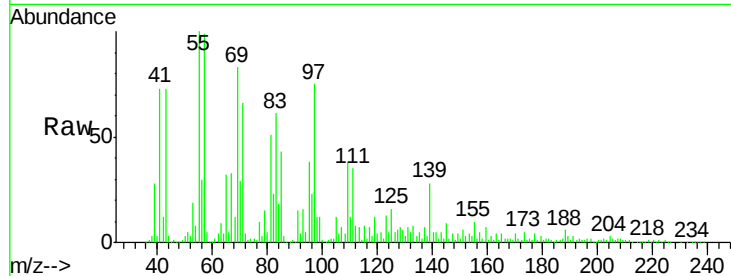
Tgt Ion:139 Resp: 366647

Ion Ratio Lower Upper

139 100

109 137.7 73.7 113.7#

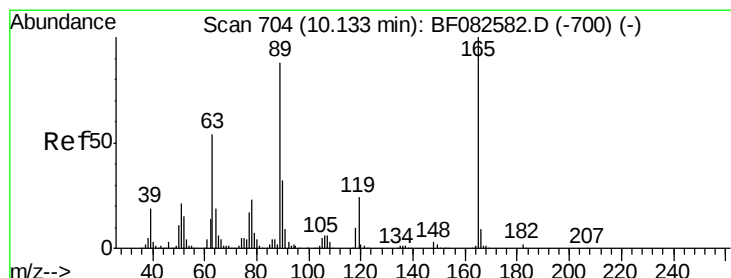
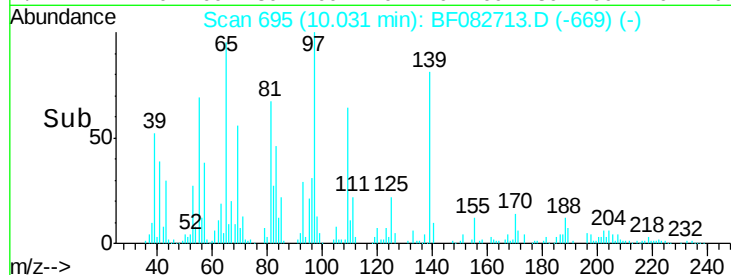
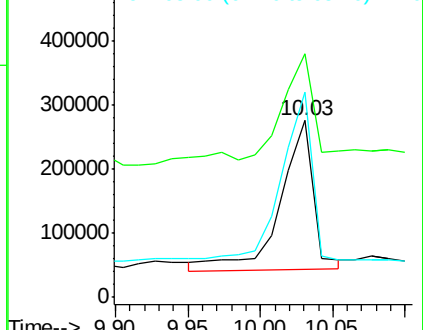
65 115.9 82.9 122.9



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: 43.30 ng

RT: 10.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Tgt Ion:165 Resp: 226544

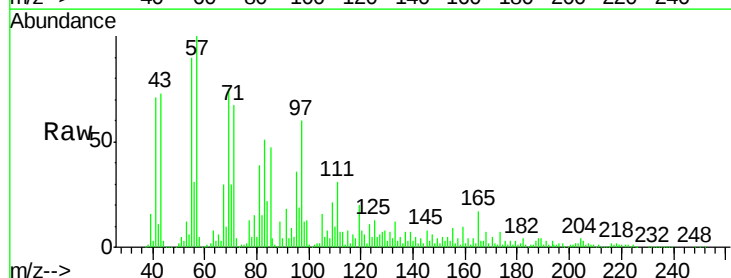
Ion Ratio Lower Upper

165 100

63 49.2 43.4 65.0

89 70.7 70.6 106.0

182 21.6 1.5 2.3#

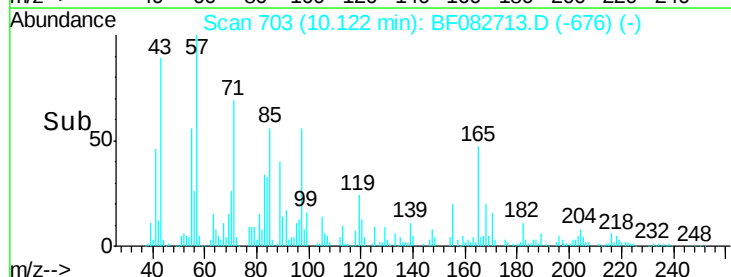
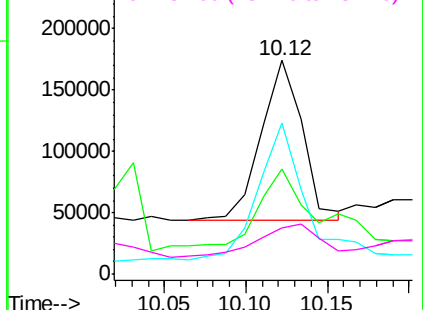


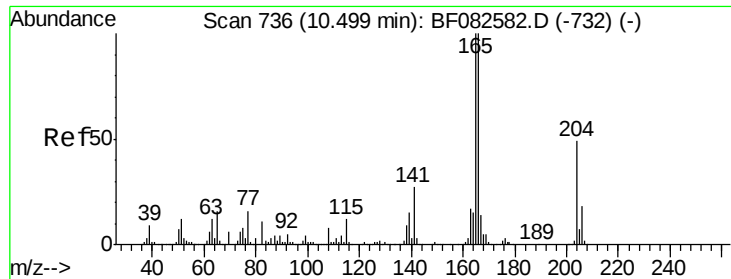
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

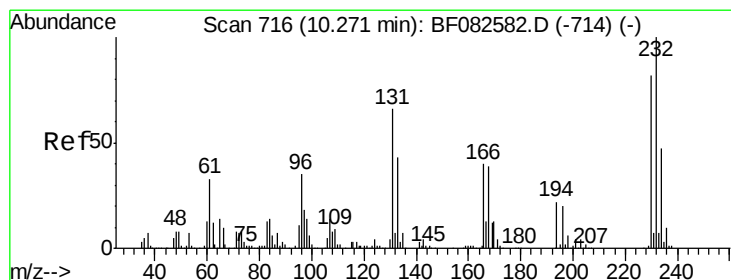
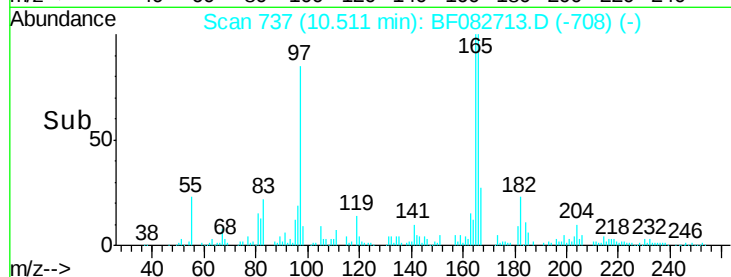
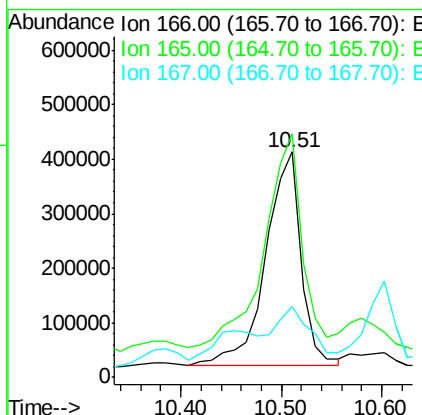
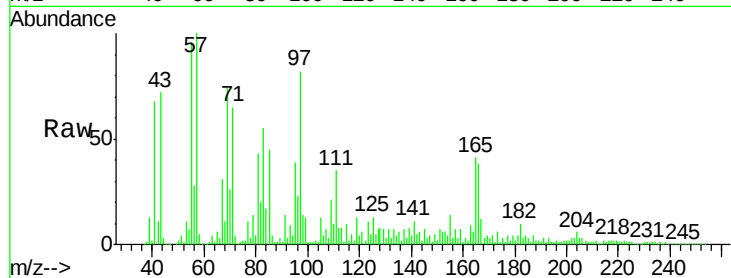




#57
 Fluorene
 Concen: 56.58 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

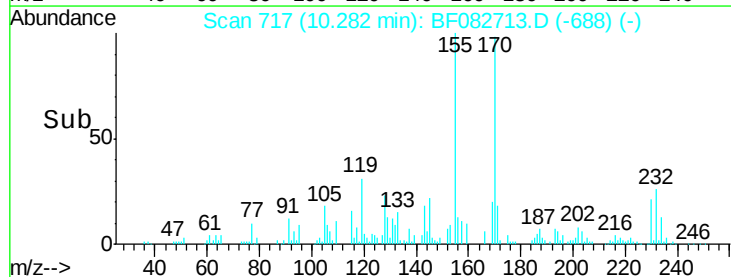
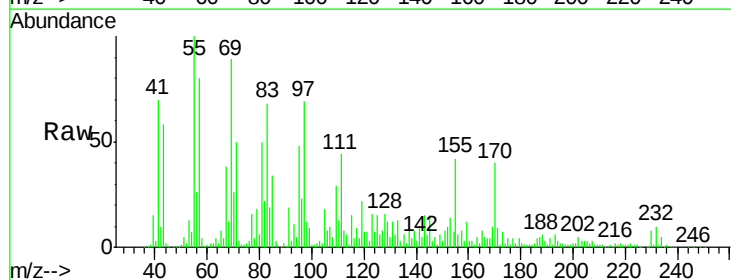
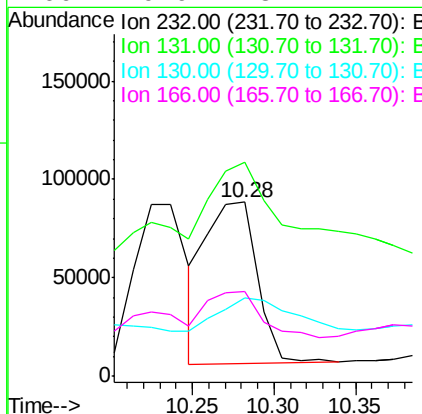
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

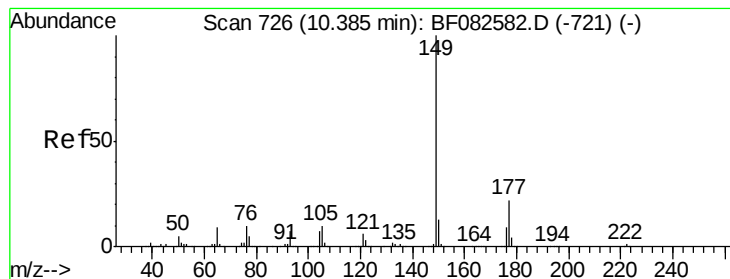
Tgt Ion:166 Resp: 947977
 Ion Ratio Lower Upper
 166 100
 165 108.1 80.2 120.4
 167 31.4 11.2 16.8#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.39 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:232 Resp: 178028
 Ion Ratio Lower Upper
 232 100
 131 149.2 46.2 69.2#
 130 29.2 2.4 3.6#
 166 29.9 28.2 42.2





#59

Diethylphthalate

Concen: 43.59 ng

RT: 10.36 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

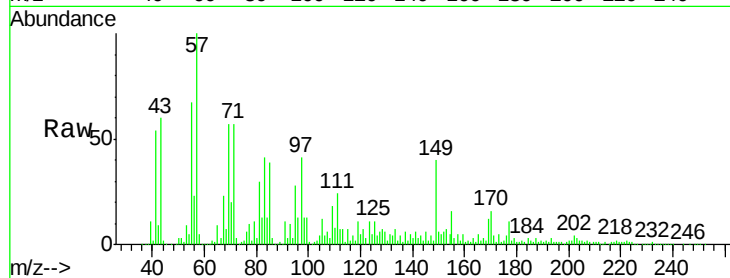
Tgt Ion:149 Resp: 828401

Ion Ratio Lower Upper

149 100

177 27.9 17.9 26.9#

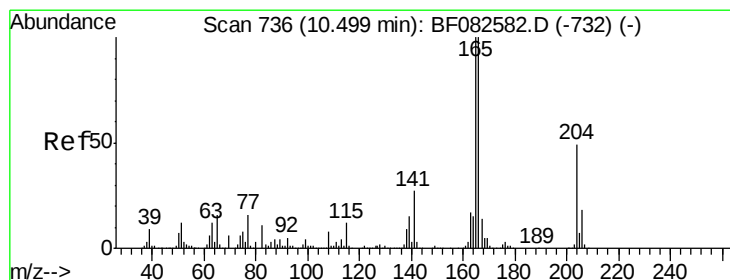
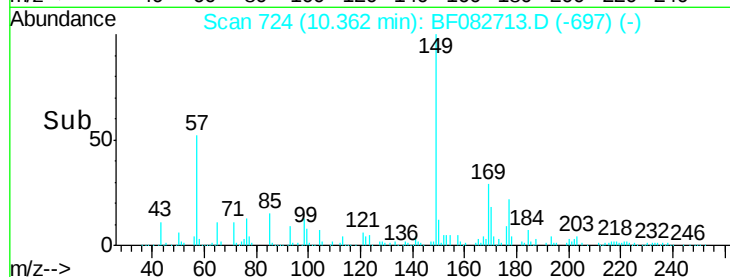
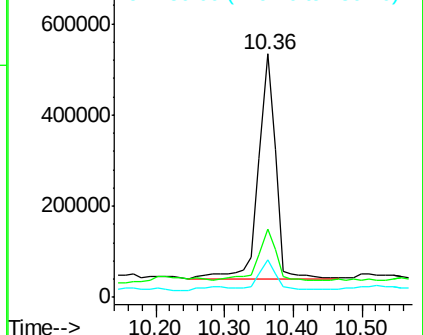
150 15.2 10.1 15.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.02 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

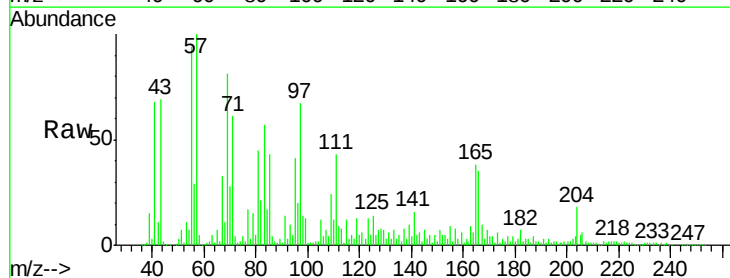
Tgt Ion:204 Resp: 342225

Ion Ratio Lower Upper

204 100

206 35.3 28.5 42.7

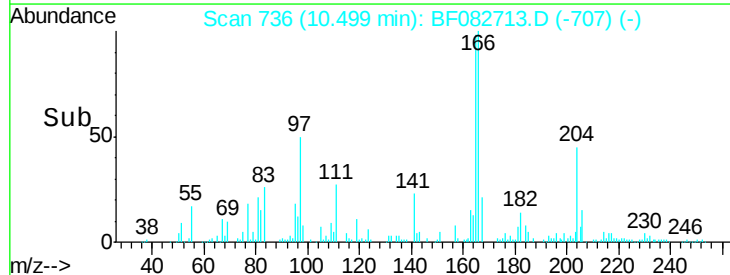
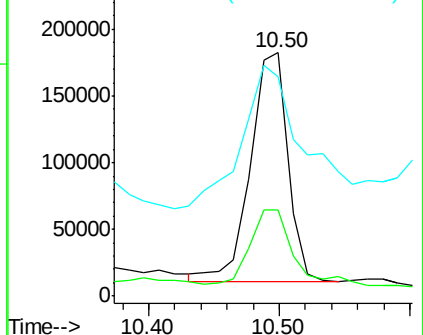
141 90.1 44.6 66.8#

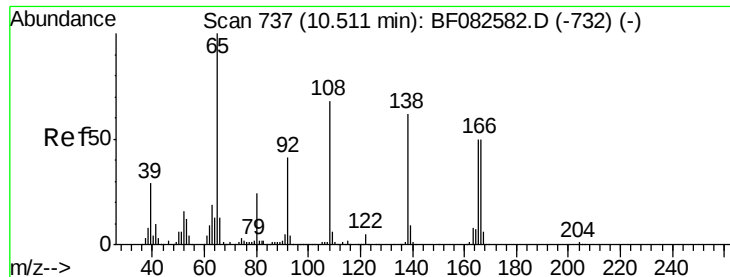


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

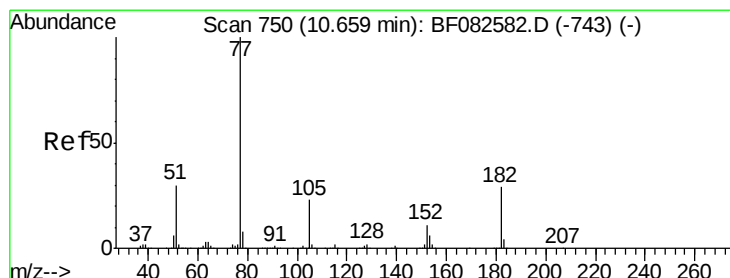
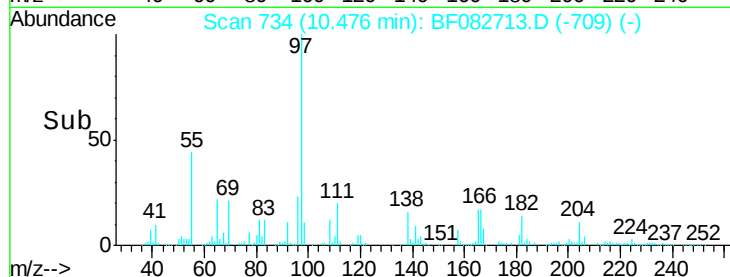
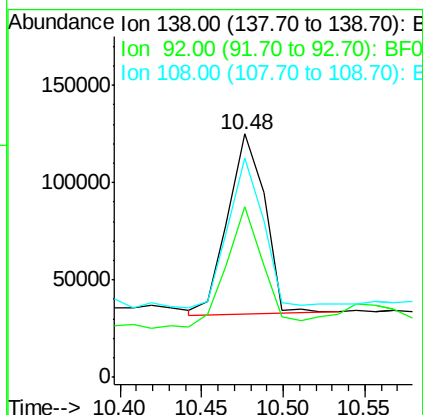
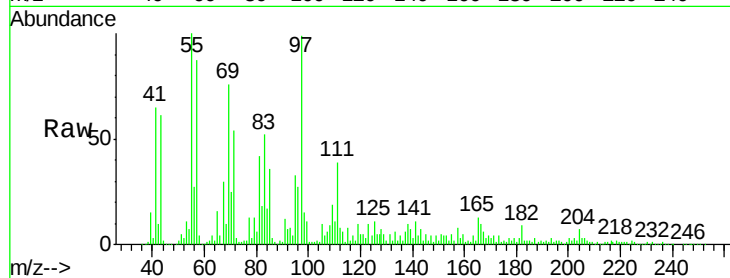




#61
4-Nitroaniline
Concen: 35.74 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

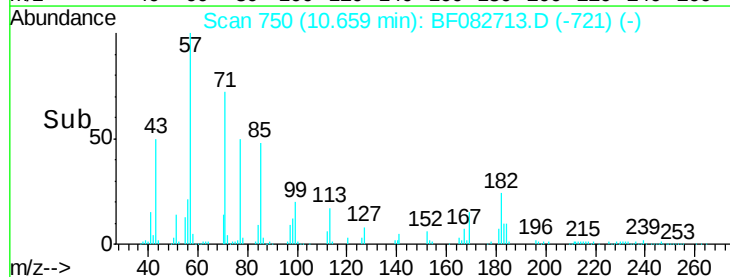
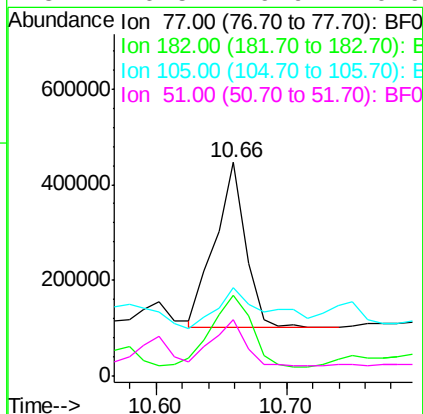
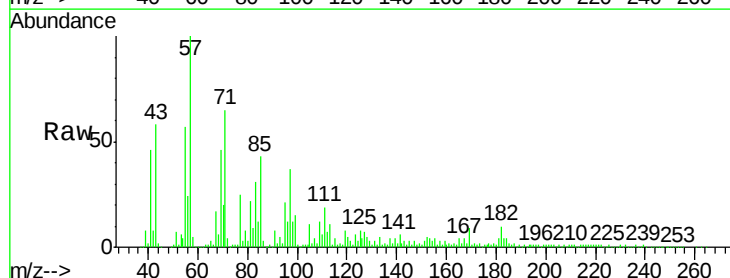
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

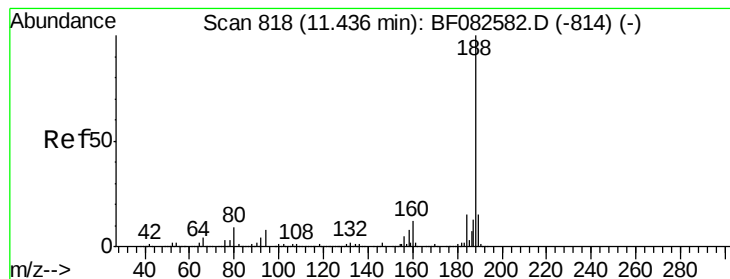
Tgt Ion:138 Resp: 146805
Ion Ratio Lower Upper
138 100
92 69.9 45.8 85.8
108 89.9 89.4 129.4



#62
Azobenzene
Concen: 26.61 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.03 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion: 77 Resp: 570174
Ion Ratio Lower Upper
77 100
182 37.6 9.3 49.3
105 41.5 2.6 42.6
51 26.5 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.03 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

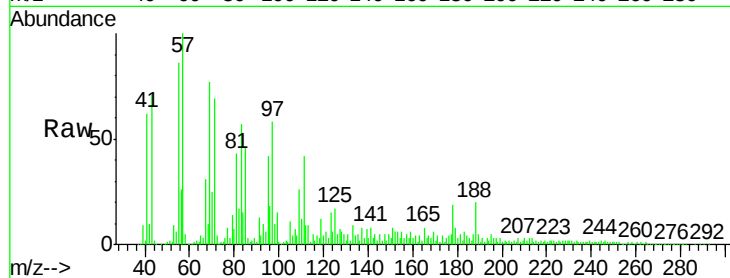
Tgt Ion:188 Resp: 353952

Ion Ratio Lower Upper

188 100

94 31.2 6.1 9.1#

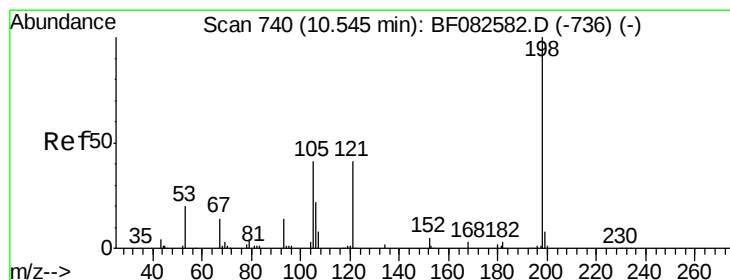
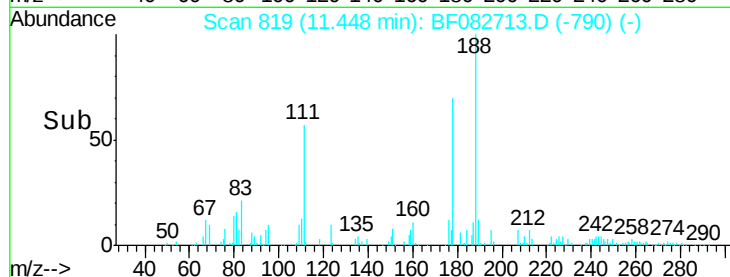
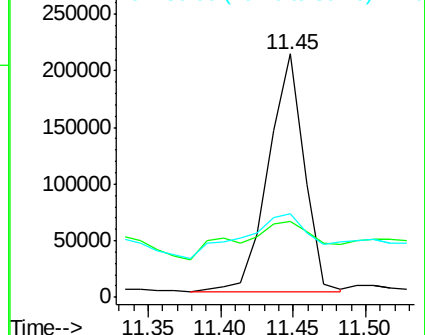
80 34.4 7.0 10.6#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 48.97 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.02 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

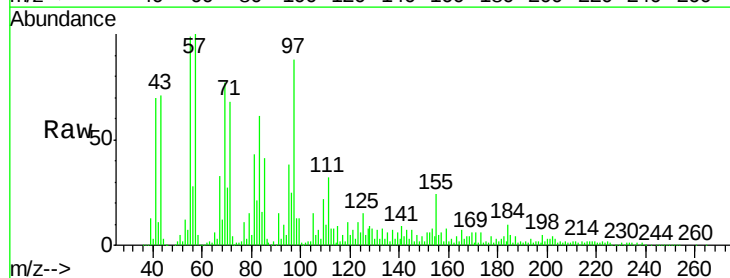
Tgt Ion:198 Resp: 104550

Ion Ratio Lower Upper

198 100

51 90.1 17.3 57.3#

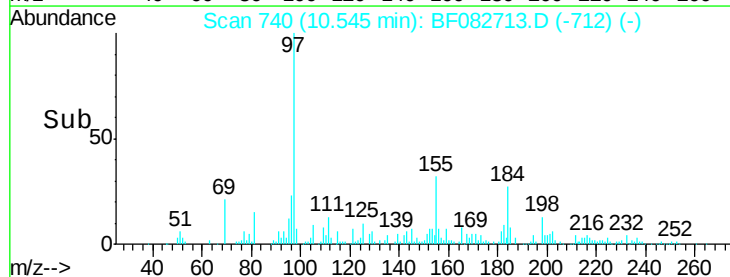
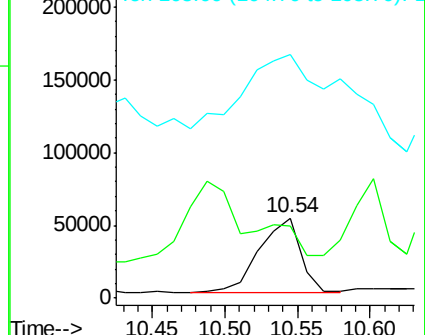
105 304.1 21.7 61.7#

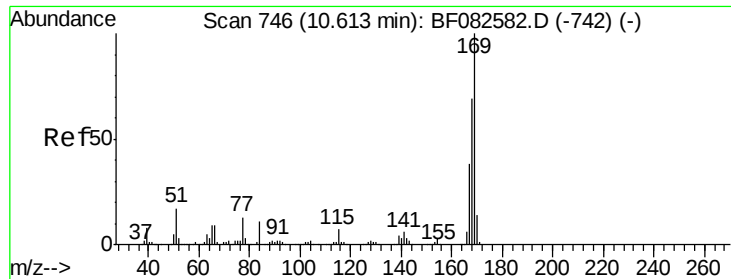


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

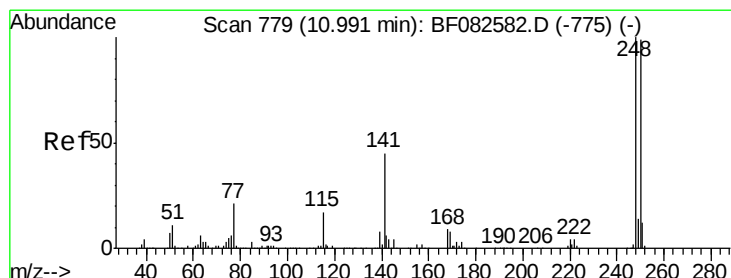
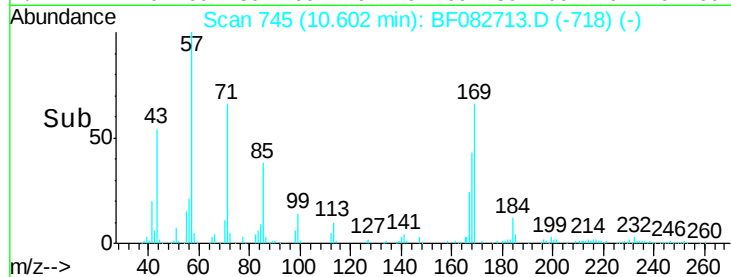
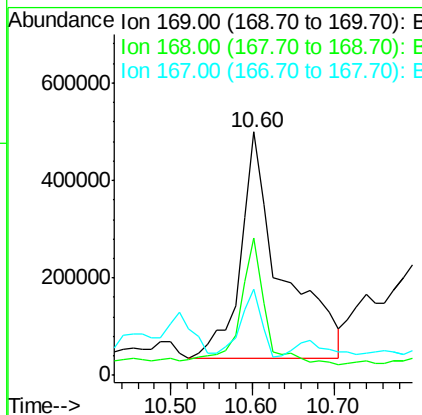
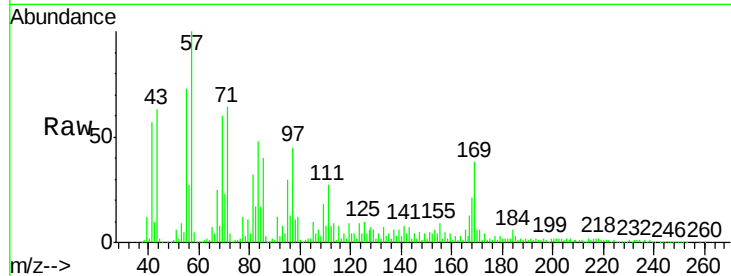




#65
n-Nitrosodiphenylamine
Concen: 133.37 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

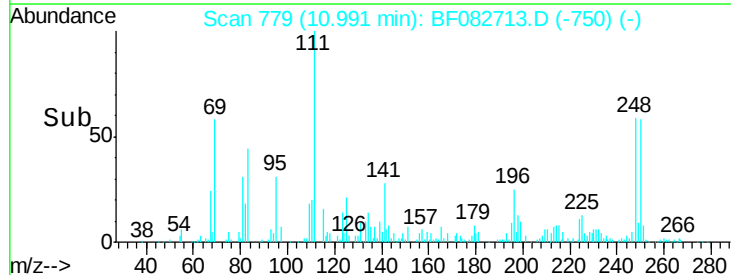
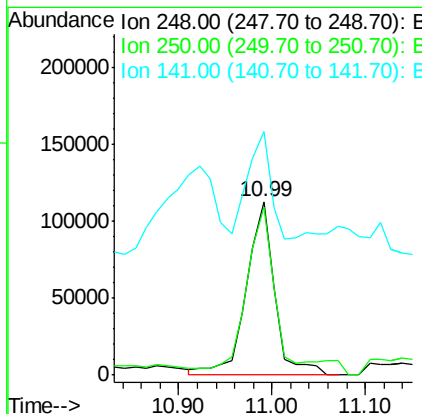
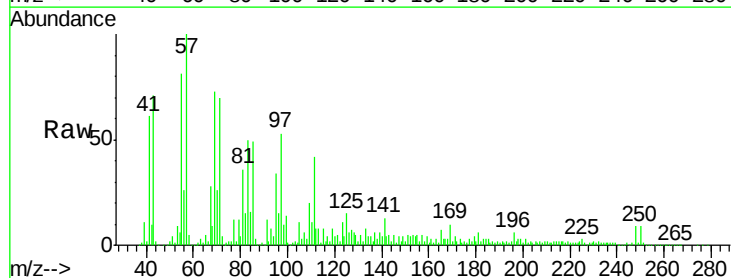
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

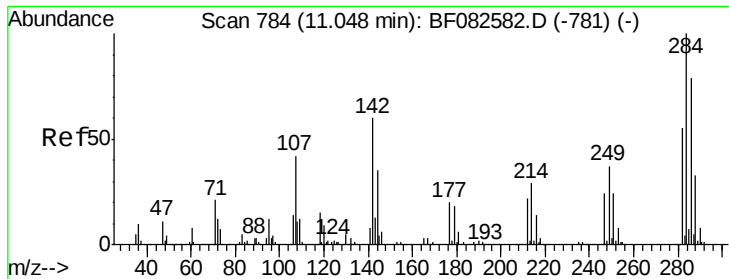
Tgt Ion:169 Resp: 1622726
Ion Ratio Lower Upper
169 100
168 56.2 55.0 82.6
167 35.4 30.5 45.7



#66
4-Bromophenyl-phenylether
Concen: 59.26 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.03 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:248 Resp: 237709
Ion Ratio Lower Upper
248 100
250 96.8 79.4 119.2
141 140.3 36.3 54.5#

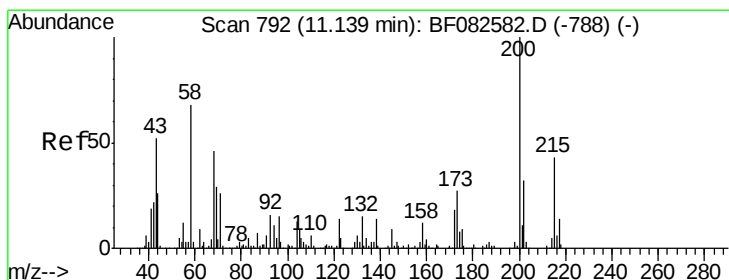
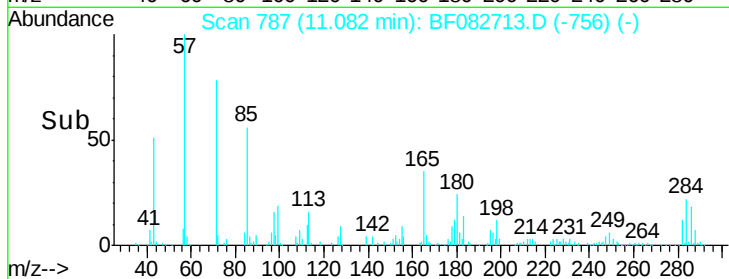
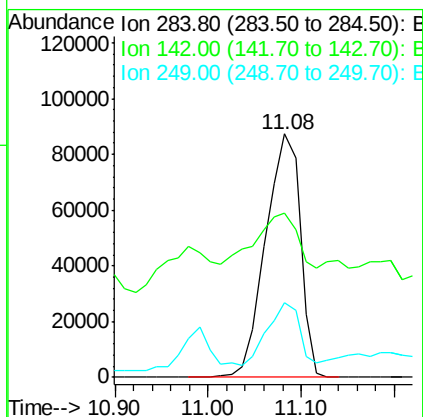
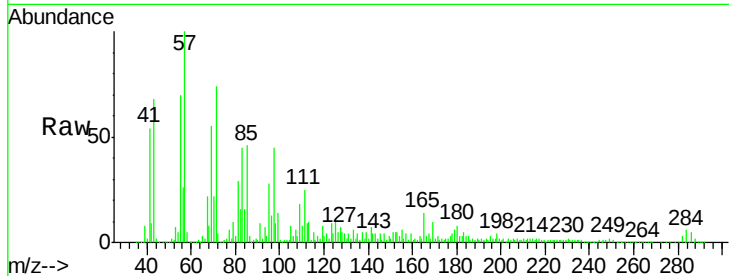




#67
Hexachlorobenzene
Concen: 50.82 ng
RT: 11.08 min Scan# 787
Delta R.T. 0.06 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

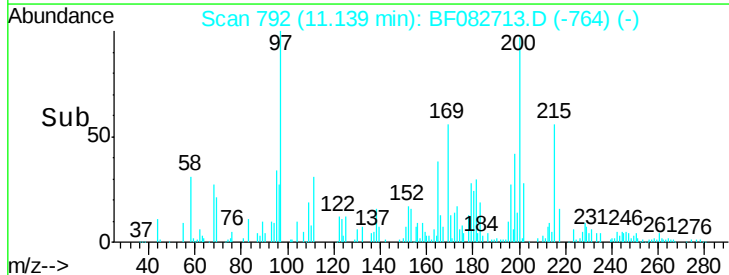
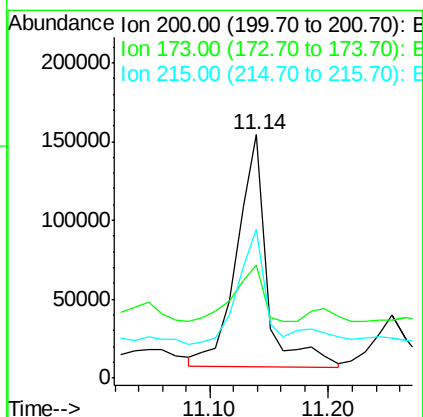
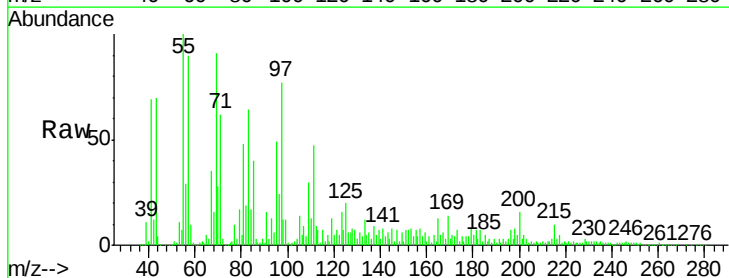
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

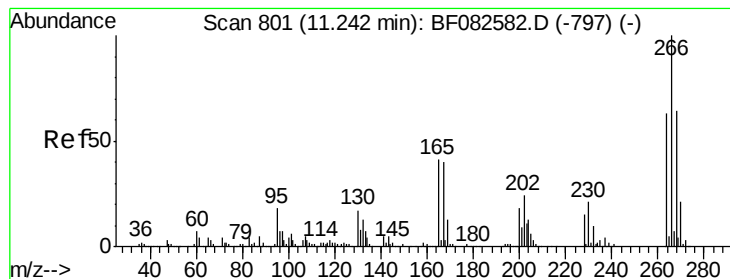
Tgt Ion:284 Resp: 226039
Ion Ratio Lower Upper
284 100
142 67.4 47.9 71.9
249 30.5 29.7 44.5



#68
Atrazine
Concen: 65.02 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:200 Resp: 258823
Ion Ratio Lower Upper
200 100
173 46.3 6.9 46.9
215 61.2 22.9 62.9

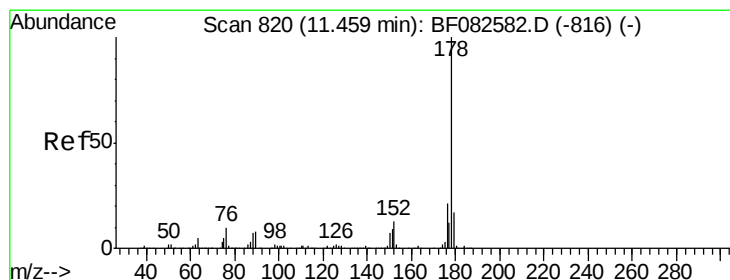
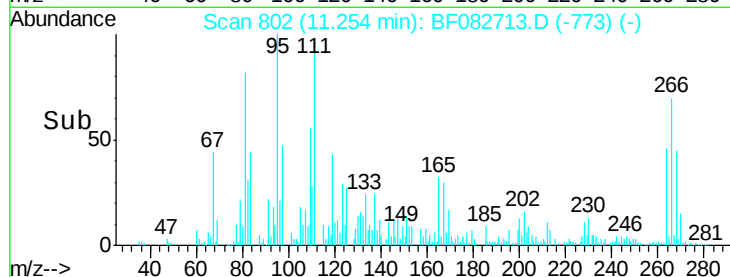
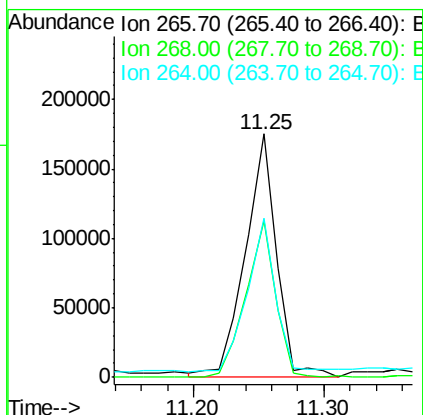
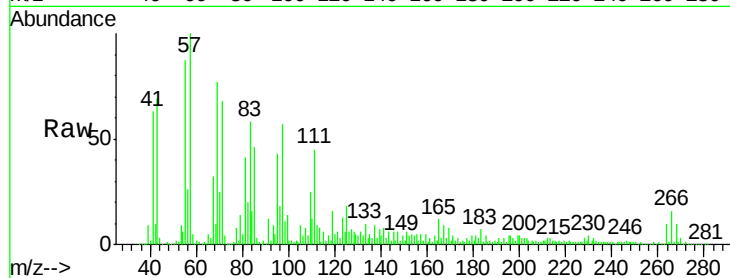




#69
 Pentachlorophenol
 Concen: 99.71 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

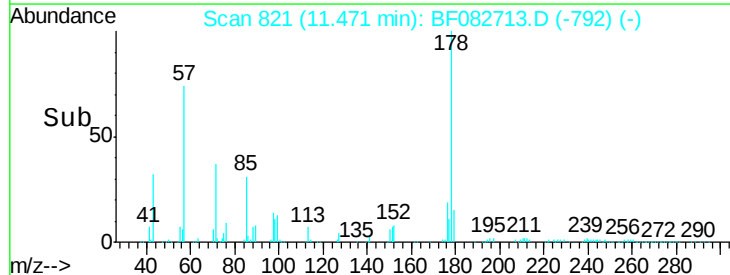
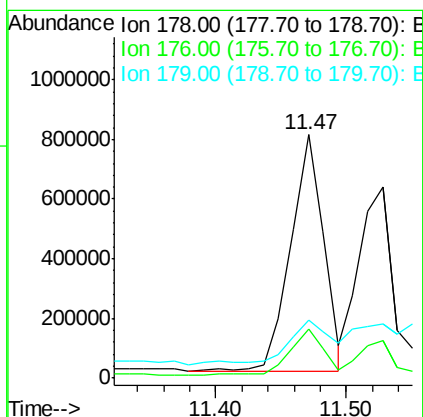
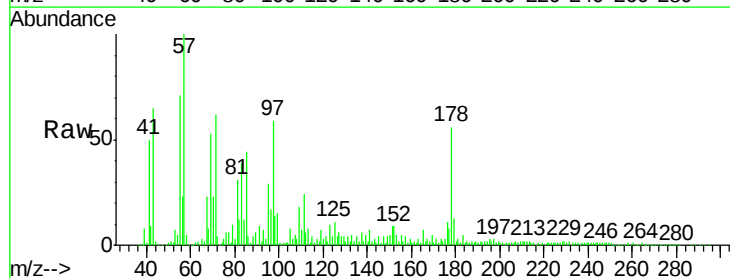
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

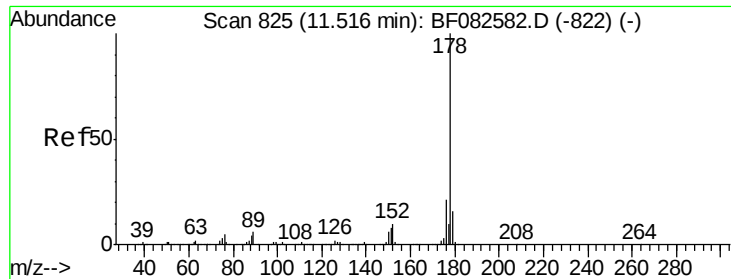
Tgt Ion: 266 Resp: 292414
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.6
 264 65.5 50.6 75.8



#70
 Phenanthrene
 Concen: 70.11 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion: 178 Resp: 1399619
 Ion Ratio Lower Upper
 178 100
 176 20.1 17.0 25.4
 179 23.6 13.4 20.0#

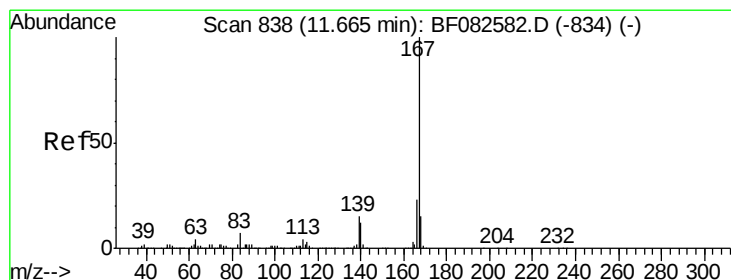
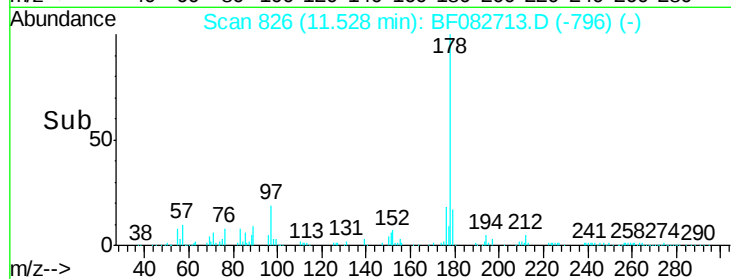
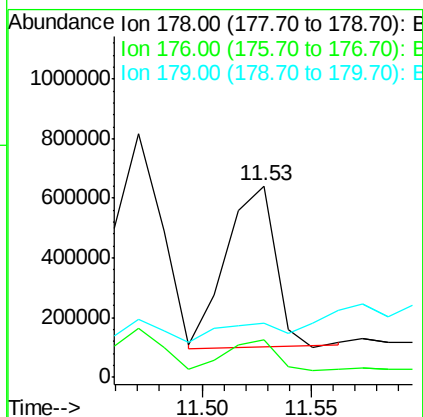
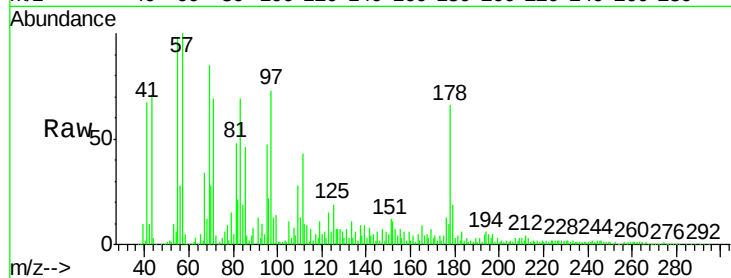




#71
 Anthracene
 Concen: 42.22 ng
 RT: 11.53 min Scan# 826
 Delta R.T. 0.05 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

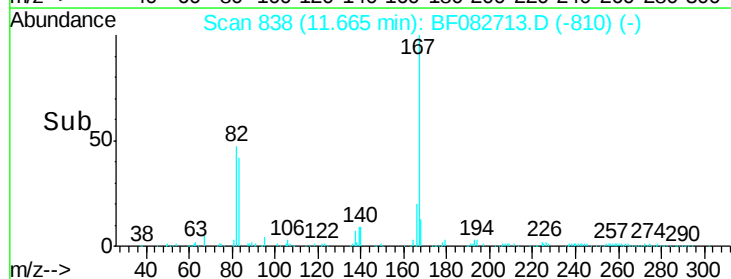
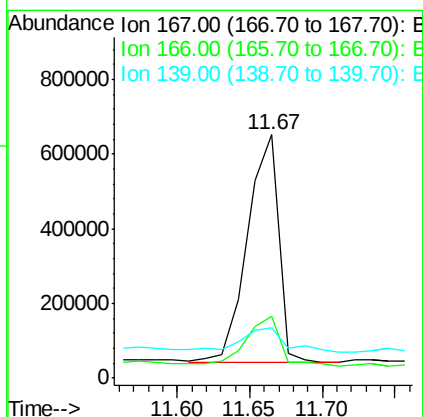
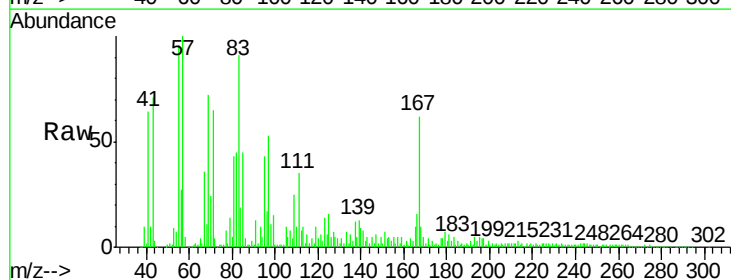
Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

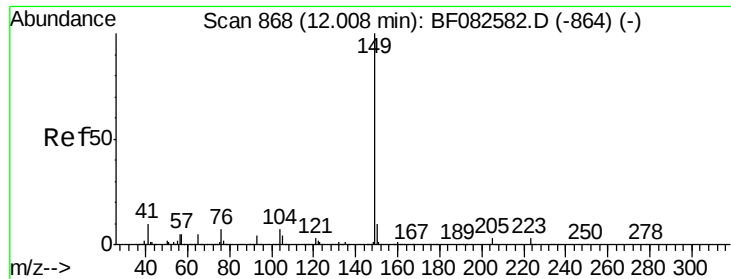
Tgt Ion:178 Resp: 848672
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 28.2 13.2 19.8#



#72
 Carbazole
 Concen: 51.89 ng
 RT: 11.67 min Scan# 838
 Delta R.T. 0.02 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:167 Resp: 908491
 Ion Ratio Lower Upper
 167 100
 166 25.4 18.7 28.1
 139 20.6 11.8 17.6#

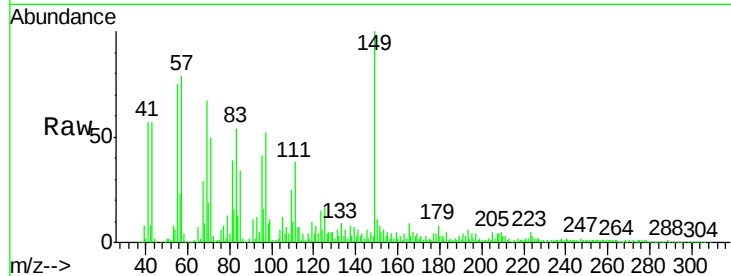




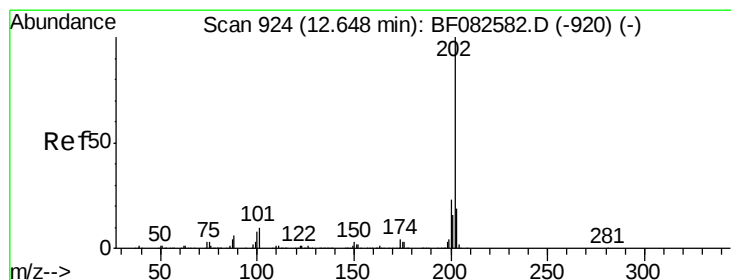
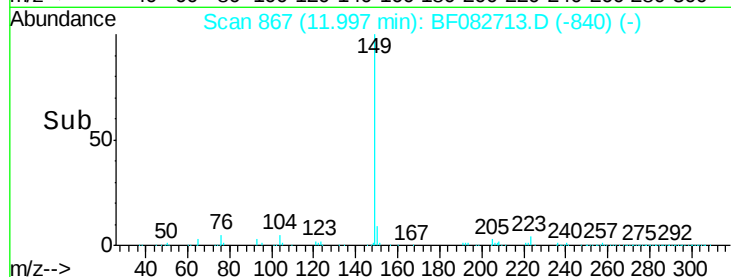
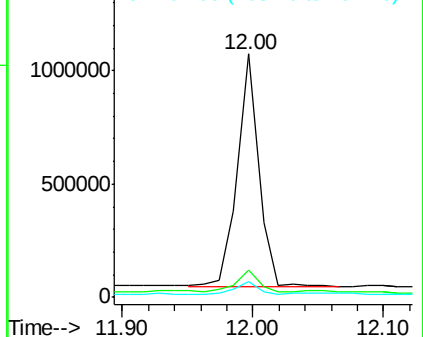
#73
Di-n-butylphthalate
Concen: 51.91 ng
RT: 12.00 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

Tgt Ion:149 Resp: 1156886
Ion Ratio Lower Upper
149 100
150 11.2 8.1 12.1
104 6.3 5.2 7.8

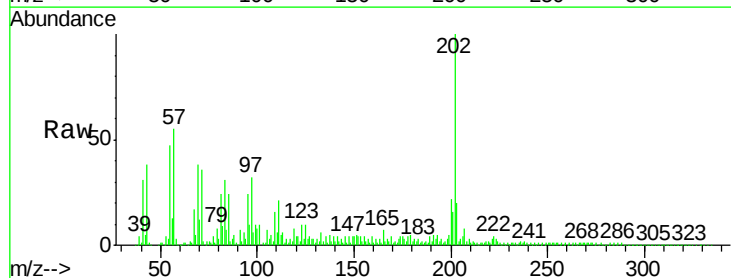


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

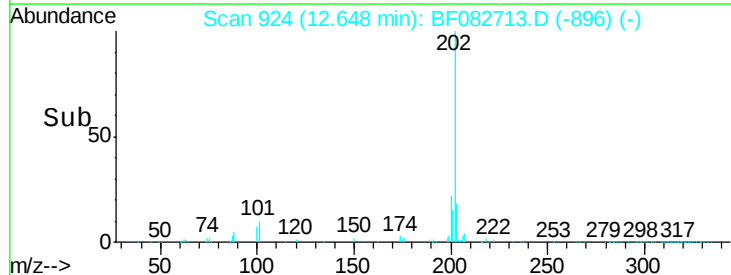
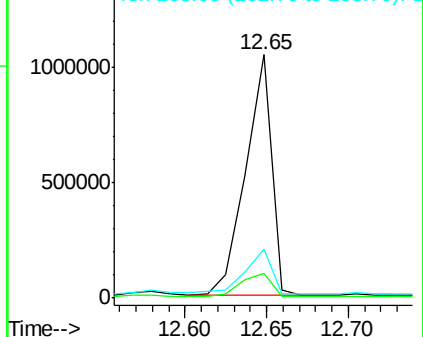


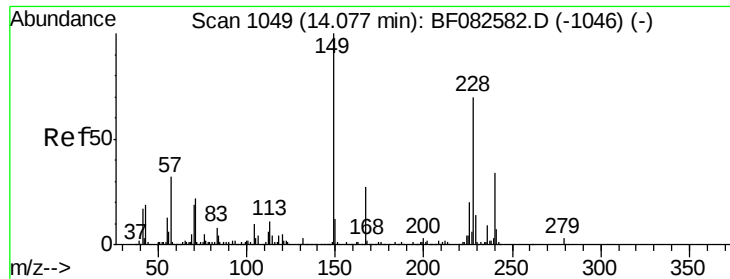
#74
Fluoranthene
Concen: 56.26 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:202 Resp: 1148275
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.5
203 19.9 0.0 38.5



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

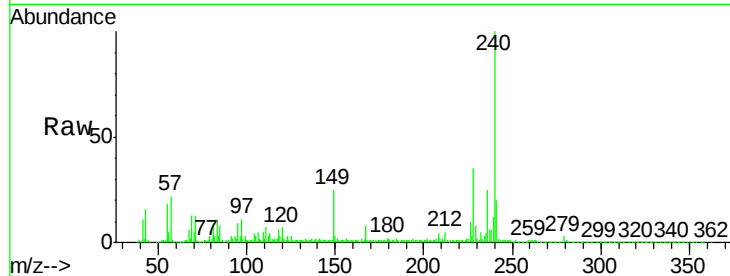
Tgt Ion:240 Resp: 408425

Ion Ratio Lower Upper

240 100

120 6.8 10.9 16.3#

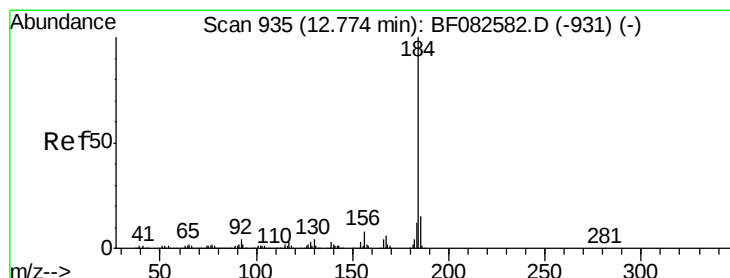
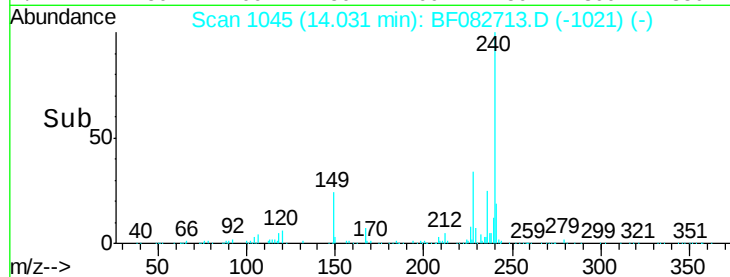
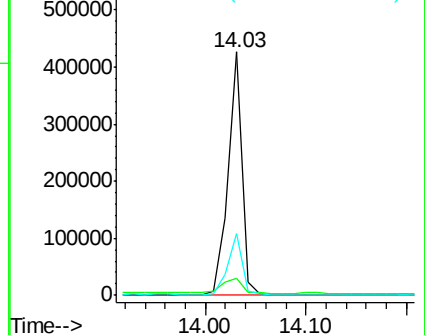
236 25.3 21.6 32.4



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: 28.63 ng

RT: 12.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

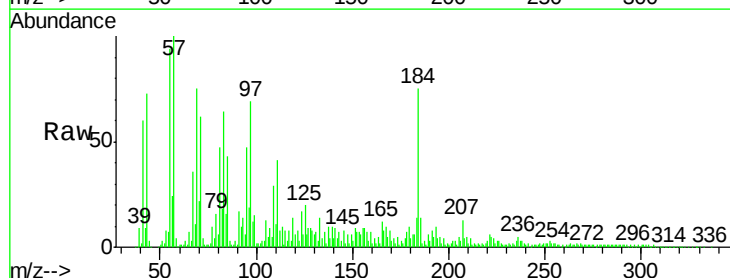
Tgt Ion:184 Resp: 527425

Ion Ratio Lower Upper

184 100

185 18.7 12.0 18.0#

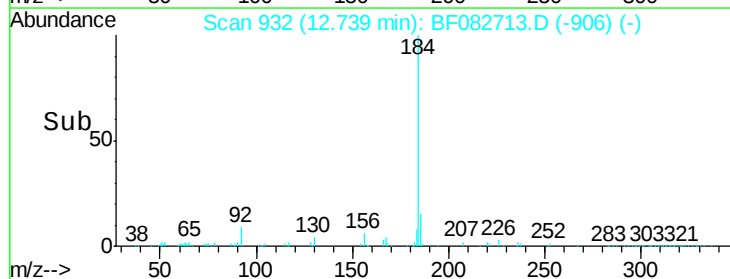
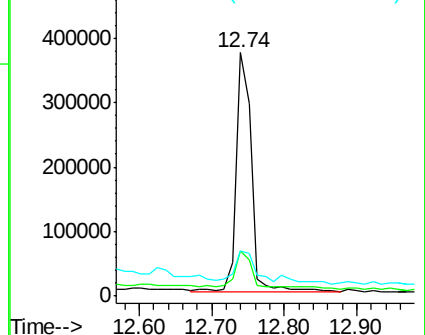
183 18.5 9.6 14.4#

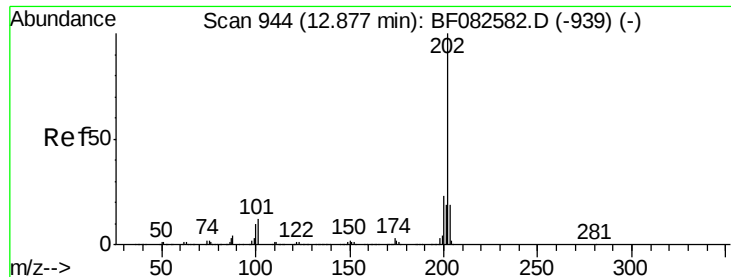


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 38.45 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

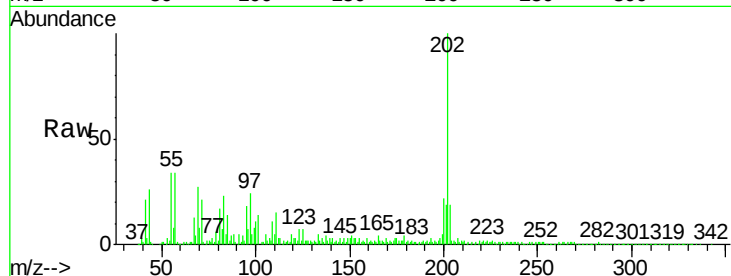
Tgt Ion:202 Resp: 1162956

Ion Ratio Lower Upper

202 100

200 22.1 18.7 28.1

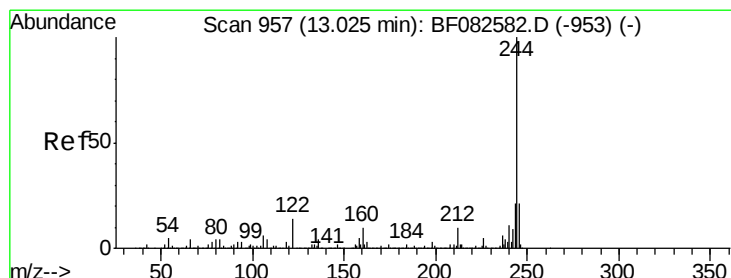
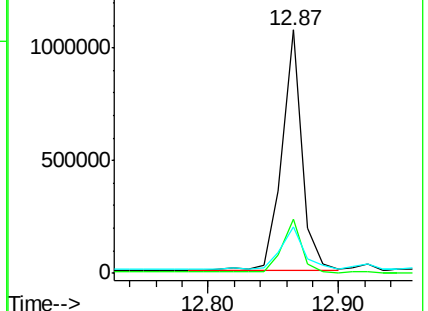
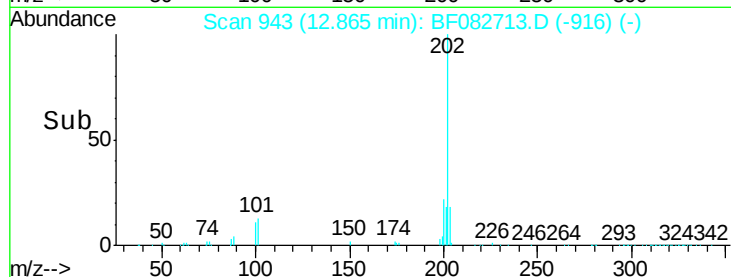
203 19.4 14.8 22.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 86.70 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

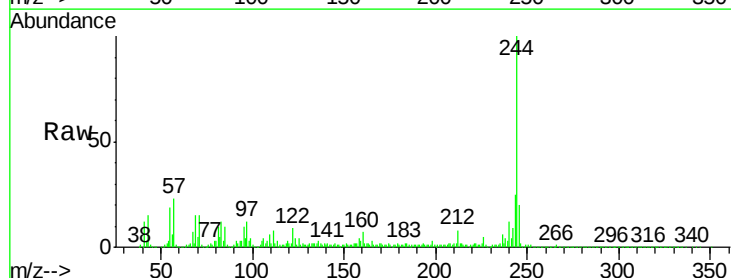
Tgt Ion:244 Resp: 1618074

Ion Ratio Lower Upper

244 100

212 7.7 7.6 11.4

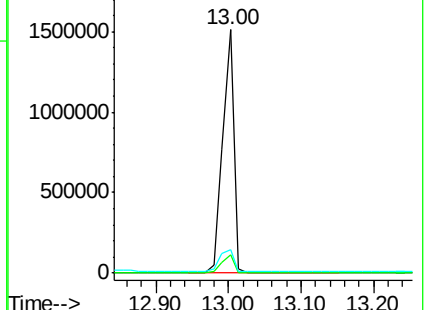
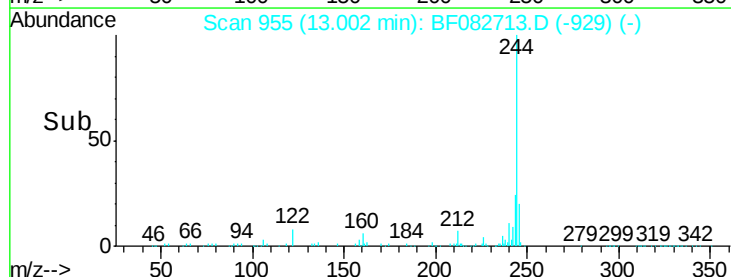
122 9.4 11.3 16.9#

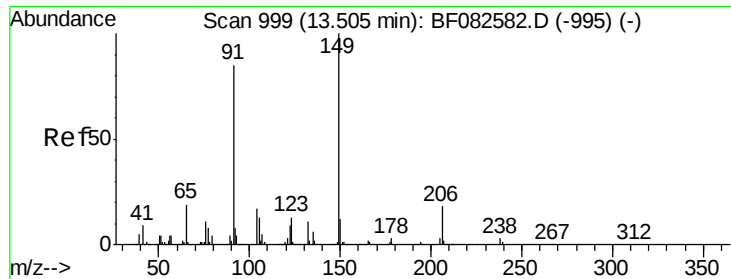


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

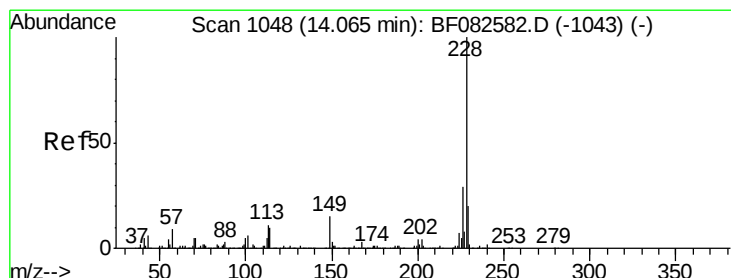
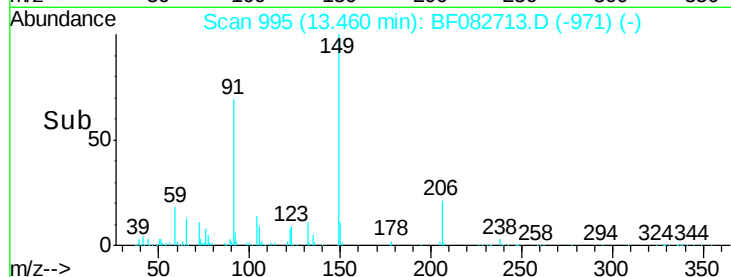
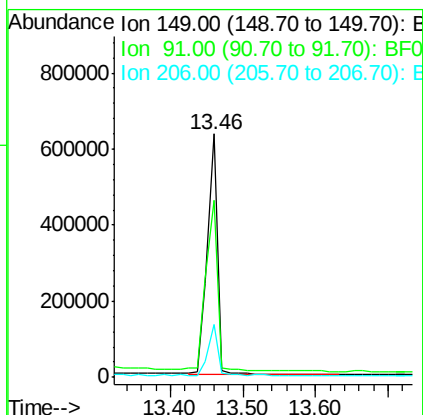
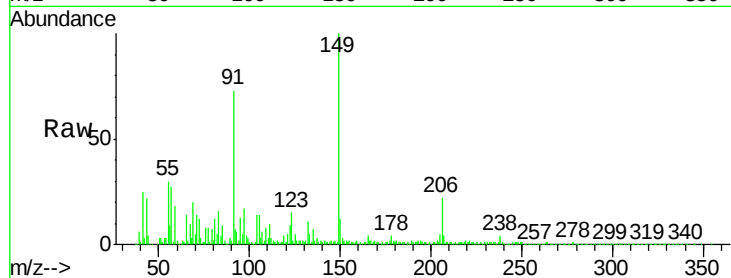




#79
Butylbenzylphthalate
Concen: 47.31 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

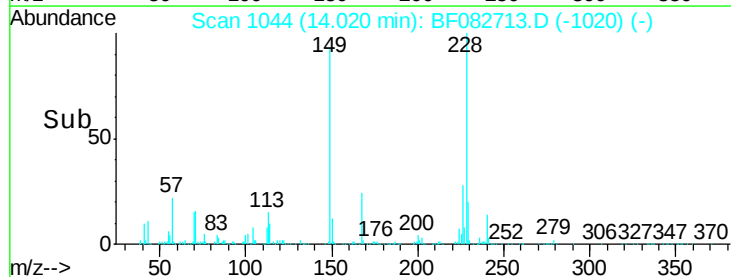
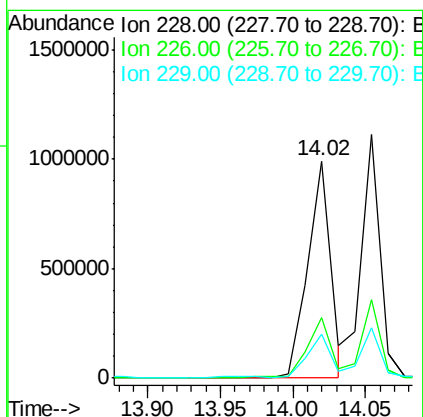
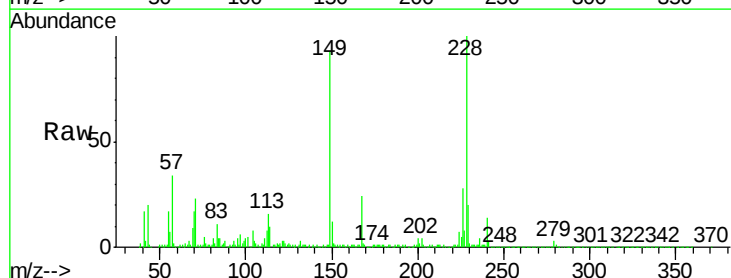
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

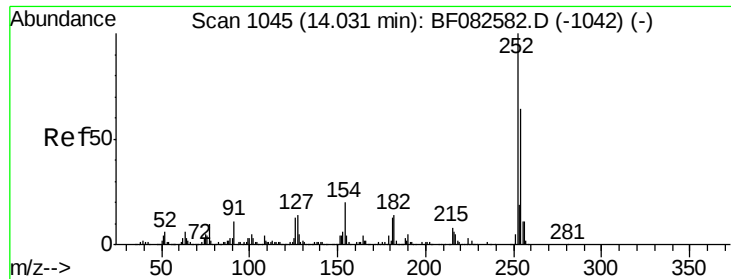
Tgt Ion:149 Resp: 626669
Ion Ratio Lower Upper
149 100
91 72.7 67.7 101.5
206 21.6 14.6 22.0



#80
Benzo(a)anthracene
Concen: 41.69 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:228 Resp: 1081557
Ion Ratio Lower Upper
228 100
226 27.9 23.4 35.2
229 20.1 16.3 24.5

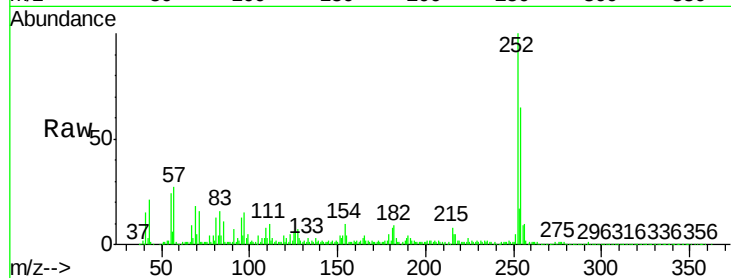




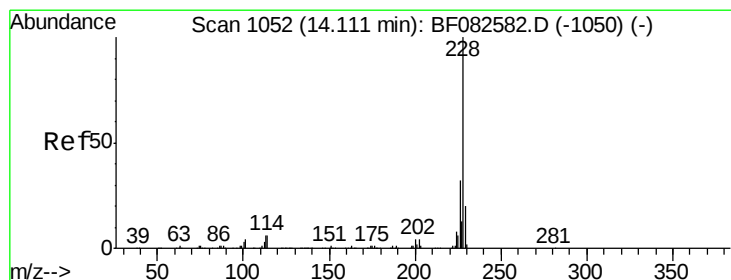
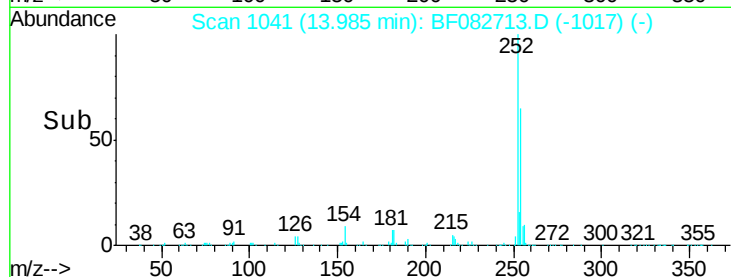
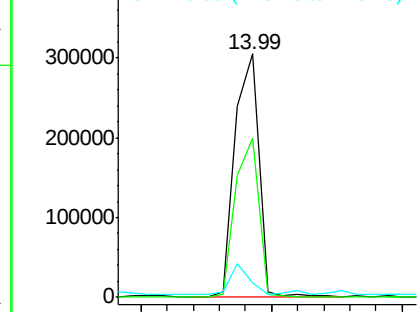
#81
 3,3'-Dichlorobenzidine
 Concen: 42.99 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

Tgt Ion:252 Resp: 384347
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.4 77.0
 126 5.8 10.7 16.1#

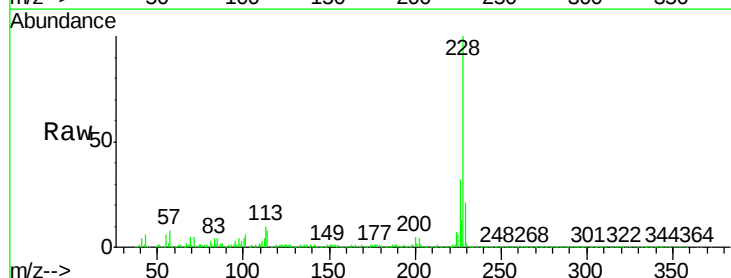


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

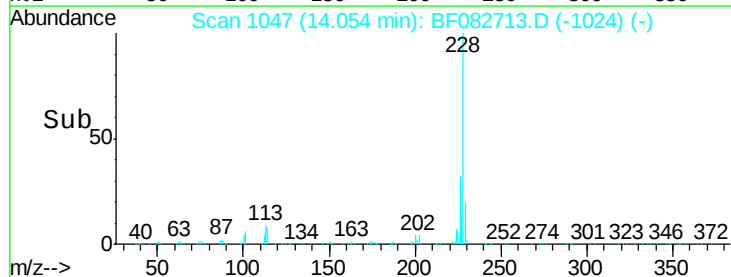
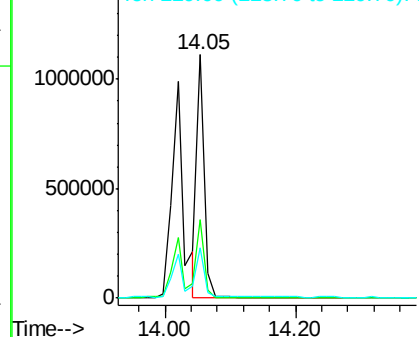


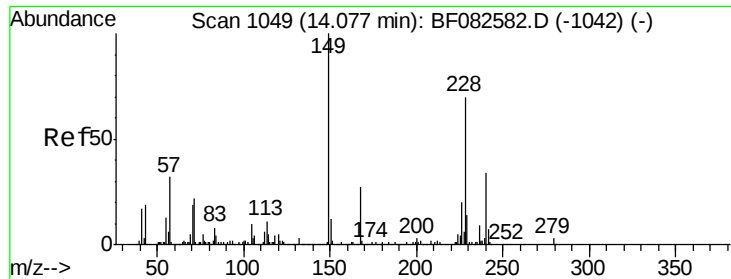
#82
 Chrysene
 Concen: 36.38 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:228 Resp: 855570
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 20.8 16.3 24.5



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

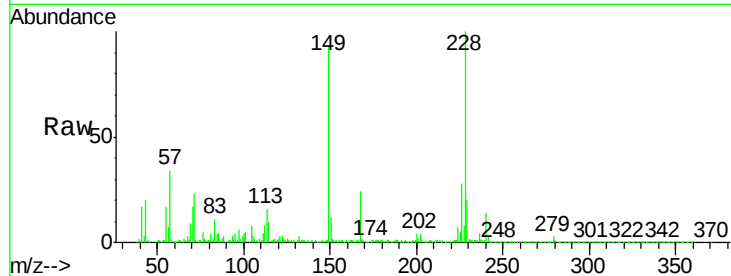




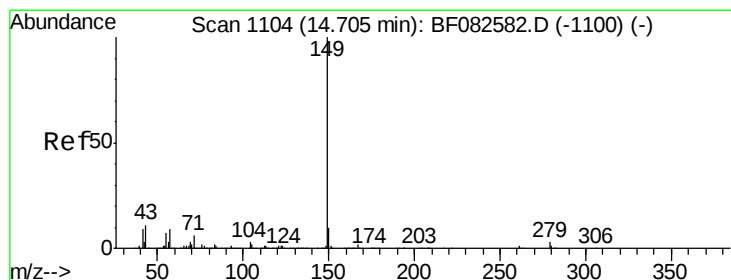
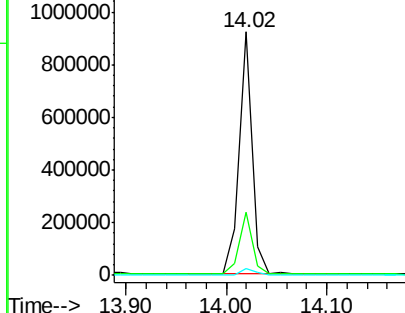
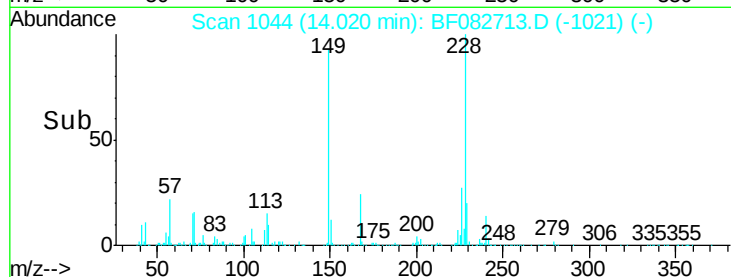
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.33 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

Tgt Ion:149 Resp: 829849
 Ion Ratio Lower Upper
 149 100
 167 26.0 21.2 31.8
 279 2.8 2.2 3.2

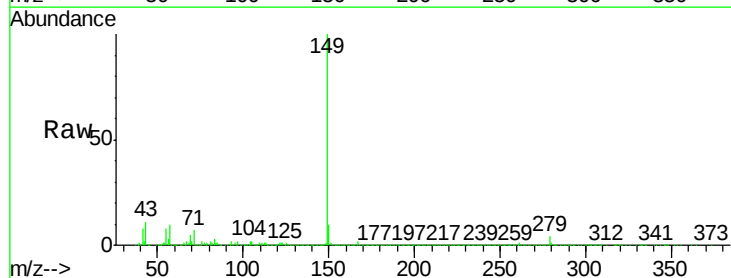


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

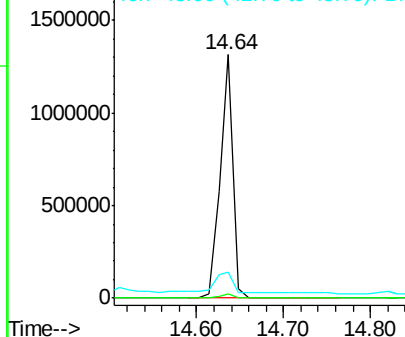
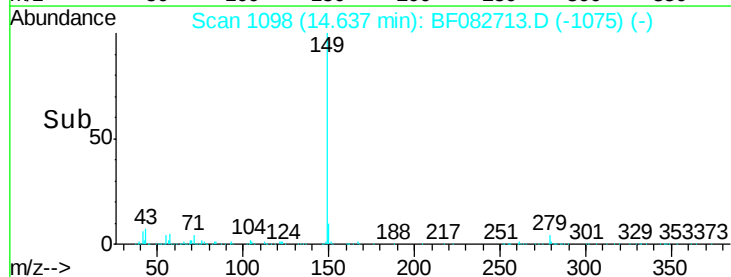


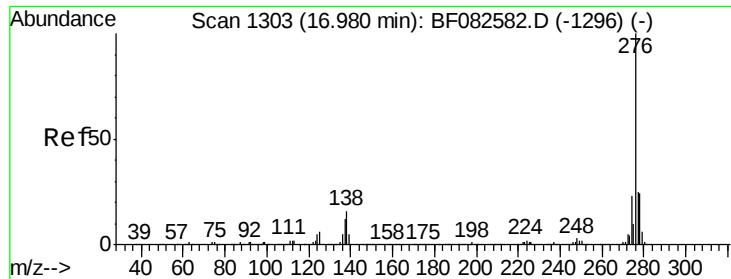
#84
 Di-n-octyl phthalate
 Concen: 50.42 ng
 RT: 14.64 min Scan# 1098
 Delta R.T. -0.03 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:149 Resp: 1350547
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.6 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

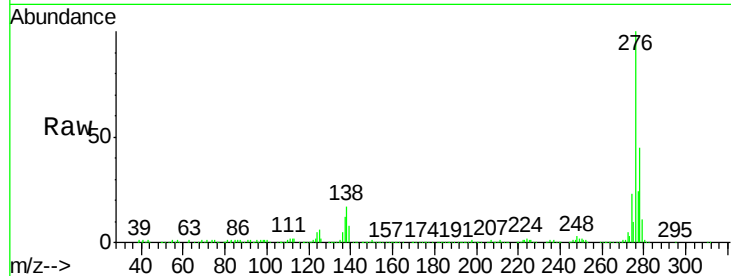




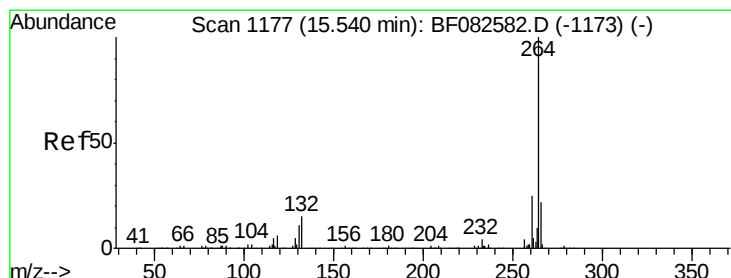
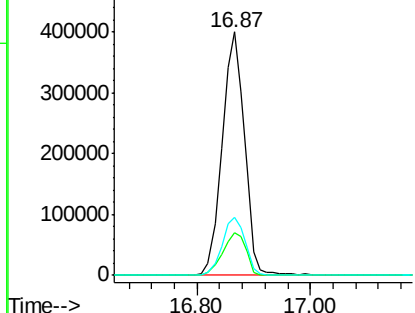
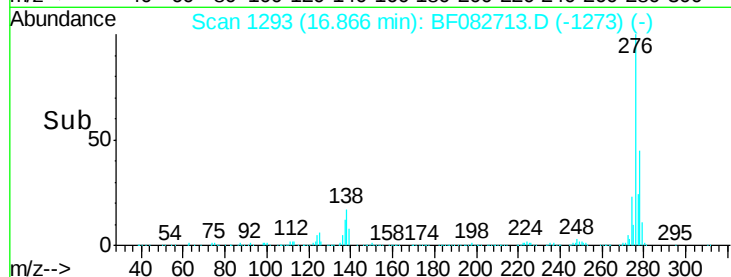
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.90 ng
 RT: 16.87 min Scan# 1293
 Delta R.T. -0.07 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Instrument :
 BNA_F
 ClientSampleId :
 TP-15(3)MSD

Tgt Ion:276 Resp: 1104168
 Ion Ratio Lower Upper
 276 100
 138 18.6 15.3 22.9
 277 25.1 20.2 30.4

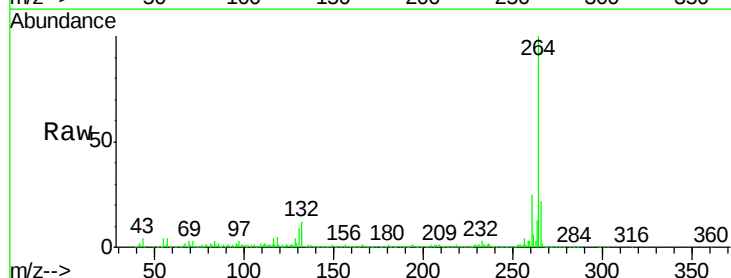


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

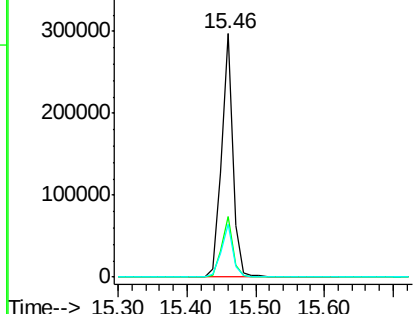
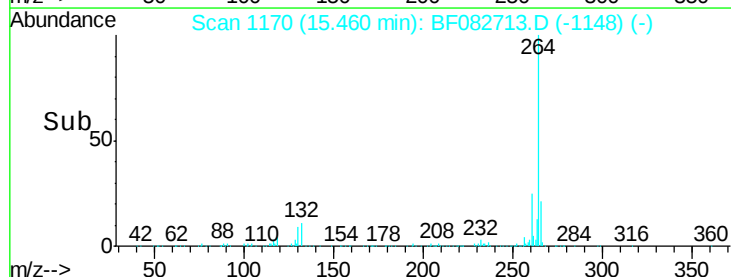


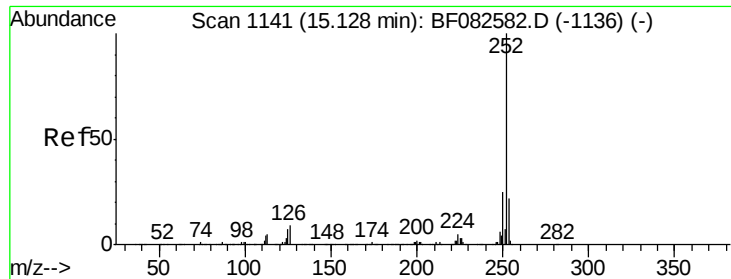
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.05 min
 Lab File: BF082713.D
 Acq: 4 Nov 2015 21:09

Tgt Ion:264 Resp: 350661
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.8 29.6
 265 21.7 17.4 26.0



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

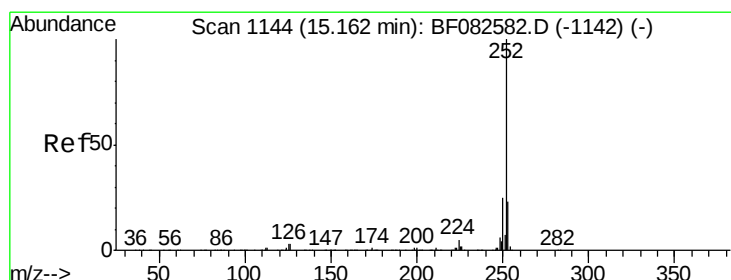
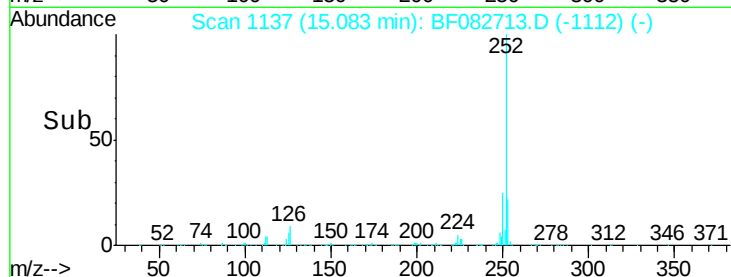
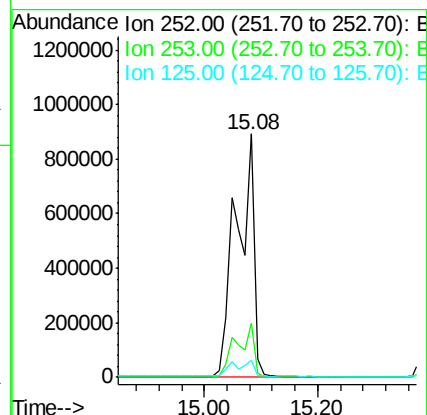
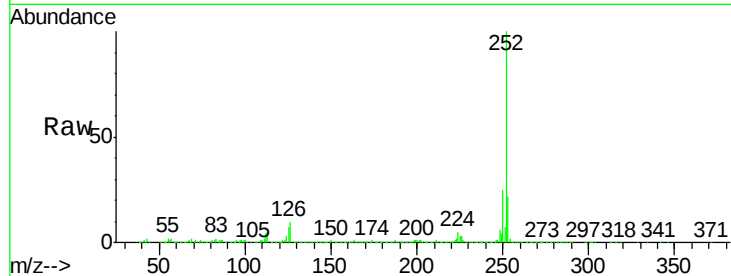




#87
Benzo(b)fluoranthene
Concen: 81.51 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

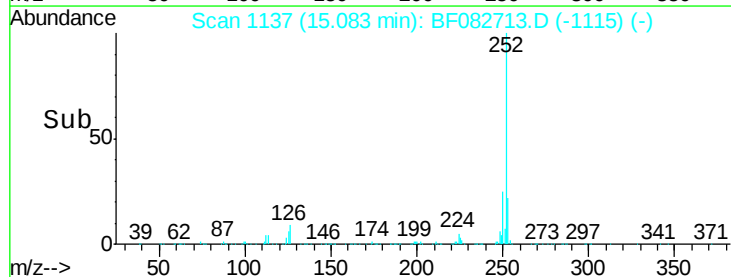
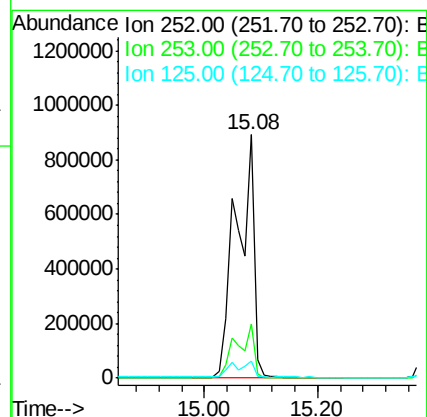
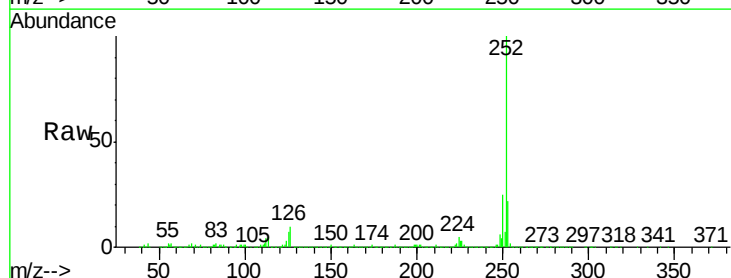
Instrument :
BNA_F
ClientSampleId :
TP-15(3)MSD

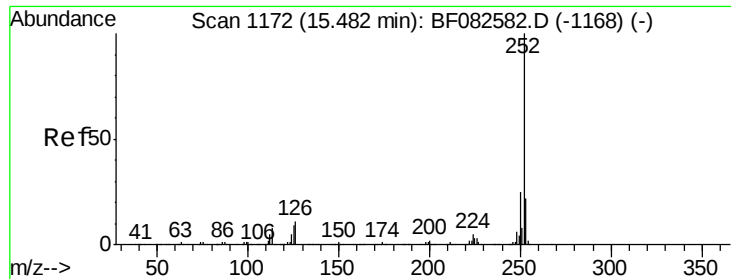
Tgt Ion:252 Resp: 1970852
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 6.8 5.4 8.2



#88
Benzo(k)fluoranthene
Concen: 106.99 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.05 min
Lab File: BF082713.D
Acq: 4 Nov 2015 21:09

Tgt Ion:252 Resp: 1970852
Ion Ratio Lower Upper
252 100
253 22.4 17.9 26.9
125 6.8 3.5 5.3#





#89

Benzo(a)pyrene

Concen: 48.24 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

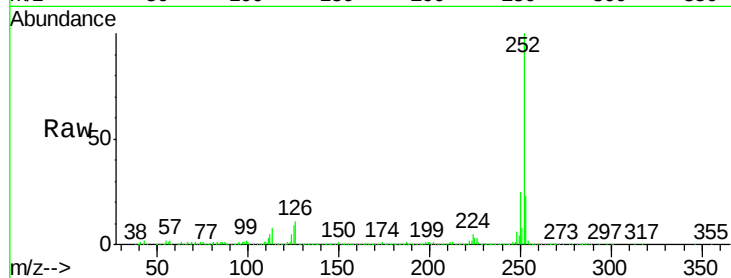
Tgt Ion:252 Resp: 918688

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

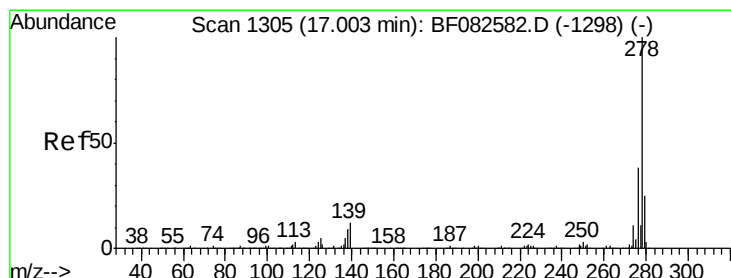
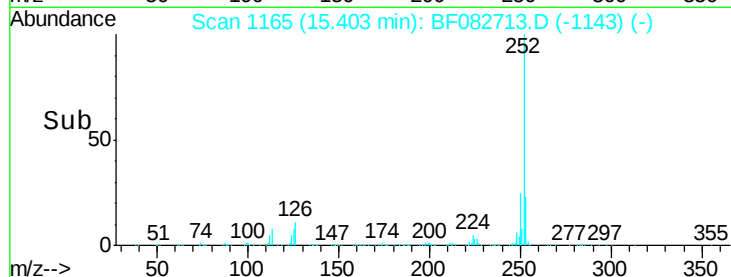
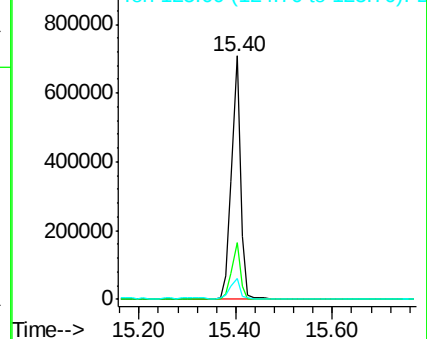
125 8.8 7.1 10.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.12 ng

RT: 16.89 min Scan# 1295

Delta R.T. -0.07 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

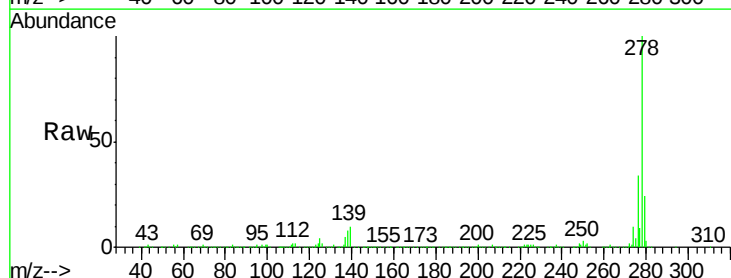
Tgt Ion:278 Resp: 925992

Ion Ratio Lower Upper

278 100

139 9.9 9.9 14.9#

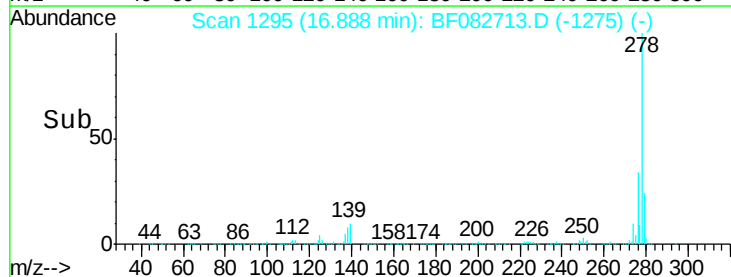
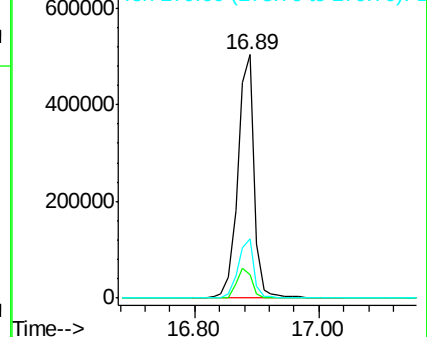
279 24.1 19.6 29.4

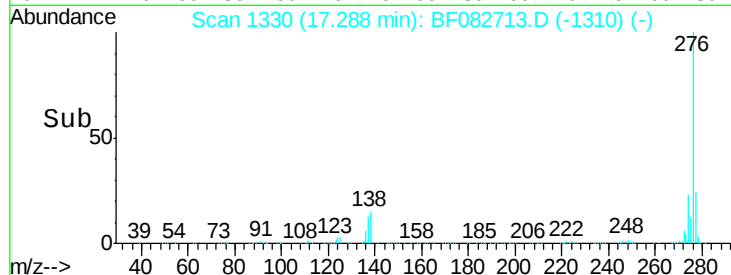
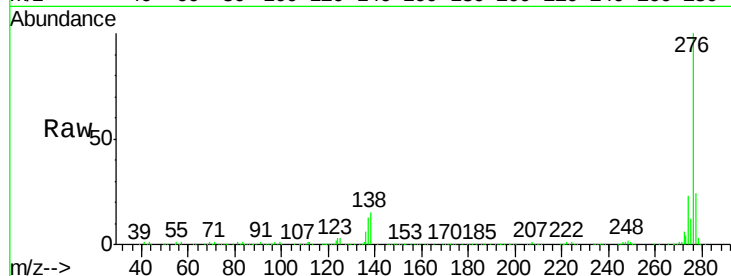
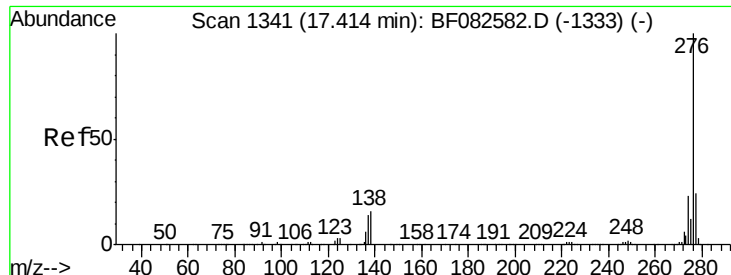


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.33 ng

RT: 17.29 min Scan# 1330

Delta R.T. -0.07 min

Lab File: BF082713.D

Acq: 4 Nov 2015 21:09

Instrument :

BNA_F

ClientSampleId :

TP-15(3)MSD

Tgt Ion:276 Resp: 901155

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 15.5 13.1 19.7

