

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102615\
 Data File : BF082525.D
 Acq On : 26 Oct 2015 21:49
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Quant Time: Oct 27 06:17:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	95740	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	374328	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	185149	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	356231	20.00	ng	0.00
75) Chrysene-d12	13.90	240	294629	20.00	ng	-0.01
86) Perylene-d12	15.33	264	282008	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	397640	81.99	ng	0.00
7) Phenol-d6	6.38	99	490762	77.64	ng	0.00
23) Nitrobenzene-d5	7.30	82	443005	76.35	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	112343	81.03	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	899722	77.27	ng	0.00
78) Terphenyl-d14	12.85	244	869314	85.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	94899	38.99	ng	99
3) Pyridine	2.90	79	239173	42.15	ng	99
4) n-Nitrosodimethylamine	2.88	42	103396	41.44	ng	94
6) Aniline	6.39	93	318575	40.00	ng	95
8) 2-Chlorophenol	6.51	128	237438	41.74	ng	97
9) Benzaldehyde	6.27	77	132048	42.58	ng	97
10) Phenol	6.39	94	261244	36.40	ng	# 63
11) bis(2-Chloroethyl)ether	6.47	93	220033	38.64	ng	99
12) 1,3-Dichlorobenzene	6.66	146	268728	39.60	ng	98
13) 1,4-Dichlorobenzene	6.74	146	279027	39.97	ng	99
14) 1,2-Dichlorobenzene	6.90	146	240658	37.14	ng	100
15) Benzyl Alcohol	6.88	79	170208	38.68	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	311024	40.34	ng	99
17) 2-Methylphenol	7.01	107	187287	41.05	ng	98
18) Hexachloroethane	7.23	117	96425	40.58	ng	99
19) n-Nitroso-di-n-propylamine	7.15	70	162830	39.54	ng	98
20) 3+4-Methylphenols	7.17	107	236276	40.54	ng	99
22) Acetophenone	7.15	105	320777	39.50	ng	99
24) Nitrobenzene	7.33	77	265135	40.92	ng	100
25) Isophorone	7.57	82	438011	38.00	ng	98
26) 2-Nitrophenol	7.63	139	119708	38.25	ng	# 60
27) 2,4-Dimethylphenol	7.69	122	194934	38.32	ng	100
28) bis(2-Chloroethoxy)methane	7.78	93	254349	37.63	ng	99
29) 2,4-Dichlorophenol	7.89	162	203410	40.09	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	221509	38.61	ng	99
31) Naphthalene	8.03	128	632142	36.95	ng	99
32) Benzoic acid	7.84	122	92976	32.63	ng	98
33) 4-Chloroaniline	8.10	127	271017	40.86	ng	99
34) Hexachlorobutadiene	8.15	225	124747	37.59	ng	98
35) Caprolactam	8.49	113	59054	41.87	ng	# 86
36) 4-Chloro-3-methylphenol	8.59	107	205816	41.71	ng	97
37) 2-Methylnaphthalene	8.73	142	454198	39.30	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	214246	38.33	ng	99
40) Hexachlorocyclopentadiene	8.88	237	45105	40.49	ng	99

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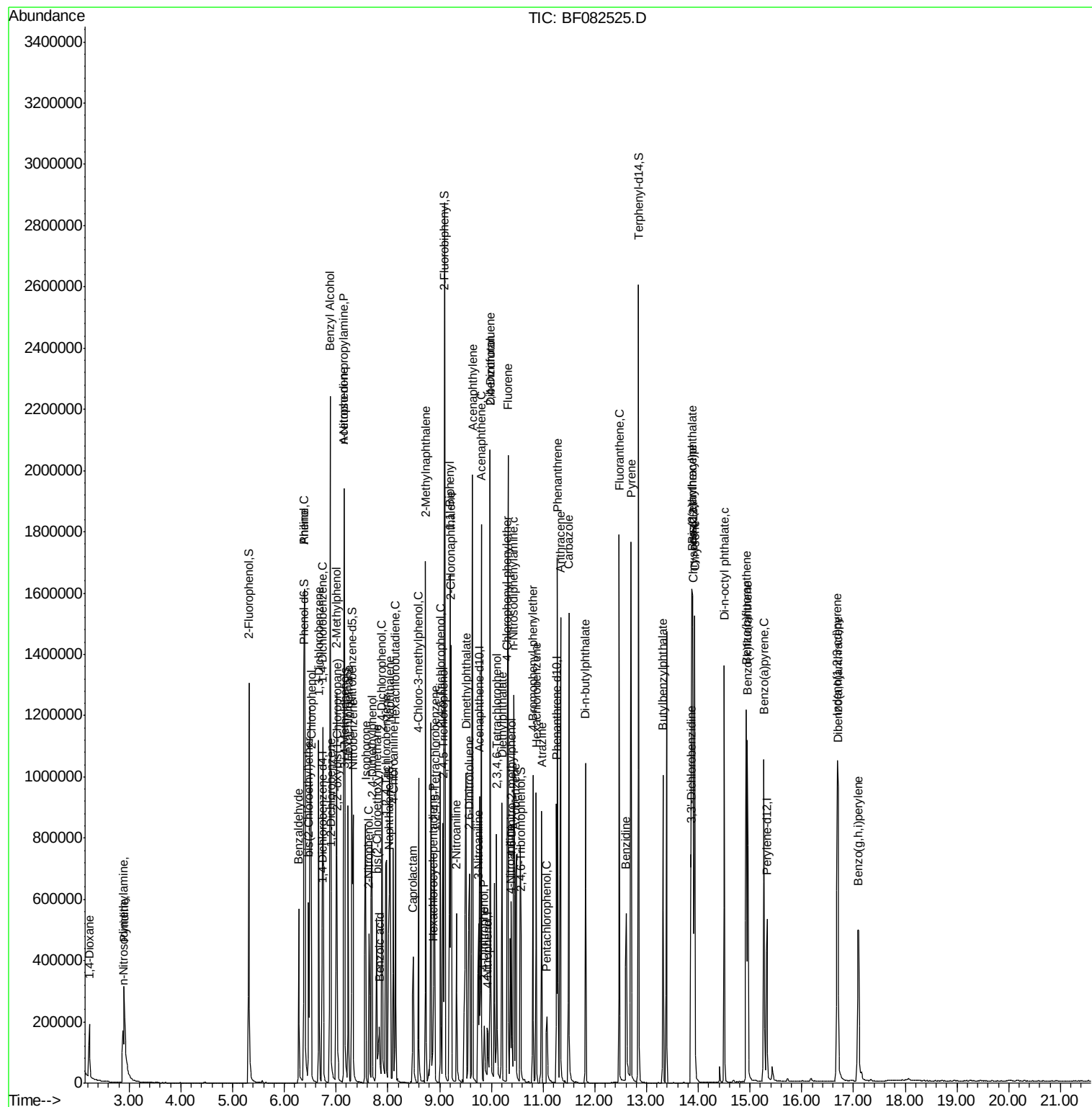
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	139922	40.16	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	150907	41.31	nq	99
45) 1,1'-Biphenyl	9.20	154	573309	41.61	nq	99
46) 2-Chloronaphthalene	9.22	162	447546	41.21	nq	100
47) 2-Nitroaniline	9.33	65	119767	37.97	nq	99
48) Acenaphthylene	9.63	152	666482	38.32	nq	100
49) Dimethylphthalate	9.51	163	521922	40.51	nq	100
50) 2,6-Dinitrotoluene	9.58	165	117364	41.55	nq	99
51) Acenaphthene	9.81	154	385902	38.68	nq	99
52) 3-Nitroaniline	9.75	138	128874	42.05	nq	94
53) 2,4-Dinitrophenol	9.86	184	40083	38.82	nq	99
54) Dibenzofuran	9.98	168	547112	37.59	nq	99
55) 4-Nitrophenol	9.93	139	44299	40.71	nq	99
56) 2,4-Dinitrotoluene	9.98	165	135529	39.56	nq	94
57) Fluorene	10.32	166	453554	37.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	120840	43.21	nq	99
59) Diethylphthalate	10.21	149	493652	39.37	nq	99
60) 4-Chlorophenyl-phenylether	10.31	204	206053	36.67	nq	# 70
61) 4-Nitroaniline	10.37	138	130803	42.61	nq	98
62) Azobenzene	10.47	77	441165	36.43	nq	# 76
64) 4,6-Dinitro-2-methylphenol	10.39	198	86002	41.15	nq	93
65) n-Nitrosodiphenylamine	10.43	169	389264	36.12	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	122969	36.78	nq	98
67) Hexachlorobenzene	10.87	284	148384	41.62	nq	99
68) Atrazine	10.97	200	138379	41.47	nq	98
69) Pentachlorophenol	11.07	266	48914	37.87	nq	93
70) Phenanthrene	11.28	178	662267	36.12	nq	100
71) Anthracene	11.34	178	730301	39.56	nq	100
72) Carbazole	11.50	167	652835	40.10	nq	99
73) Di-n-butylphthalate	11.82	149	705068	36.31	nq	100
74) Fluoranthene	12.47	202	712522	37.86	nq	99
76) Benzidine	12.61	184	347614	42.99	nq	99
77) Pyrene	12.70	202	709375	39.14	nq	99
79) Butylbenzylphthalate	13.32	149	300668	39.46	nq	98
80) Benzo(a)anthracene	13.89	228	641743	40.63	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	229497	41.90	nq	# 98
82) Chrysene	13.93	228	664372	44.53	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	416253	40.79	nq	# 96
84) Di-n-octyl phthalate	14.50	149	744242	44.19	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	565371	41.24	nq	100
87) Benzo(b)fluoranthene	14.93	252	598455m	35.73	nq	
88) Benzo(k)fluoranthene	14.95	252	585608m	42.89	nq	
89) Benzo(a)pyrene	15.27	252	561825	38.72	nq	98
90) Dibenzo(a,h)anthracene	16.70	278	475287	39.15	nq	99
91) Benzo(g,h,i)perylene	17.10	276	444982	37.05	nq	99

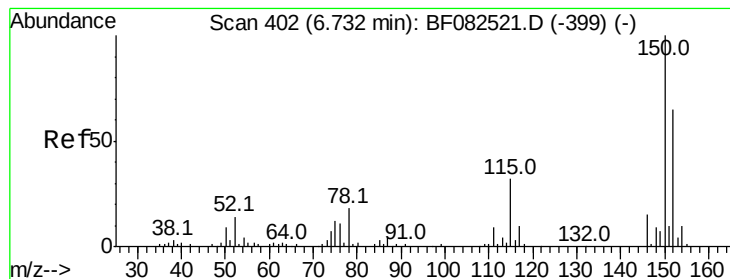
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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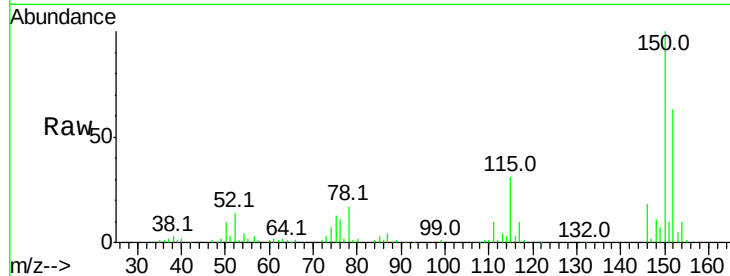


#1

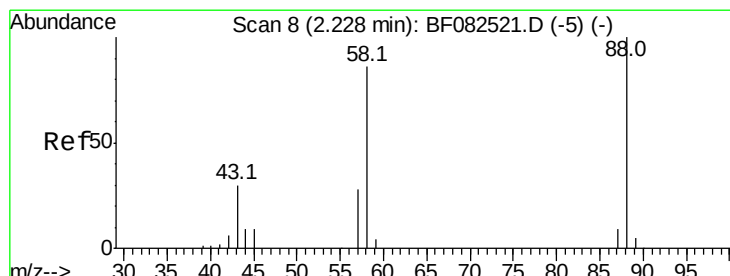
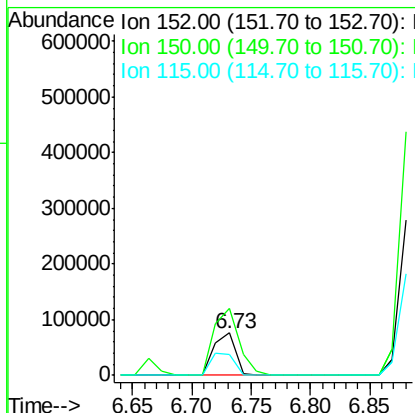
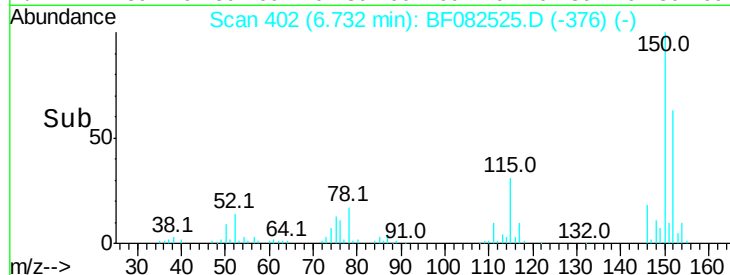
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.73 min Scan# 402
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:152 Resp: 95740
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.4 185.0
 115 49.8 39.0 58.4



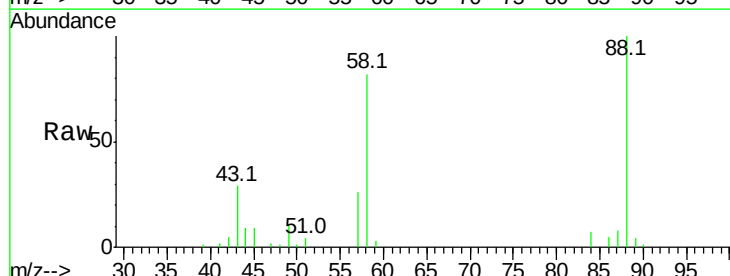
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



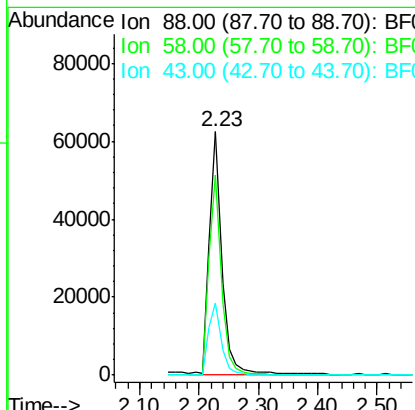
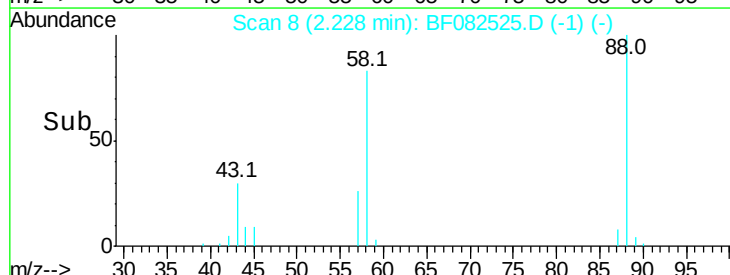
#2

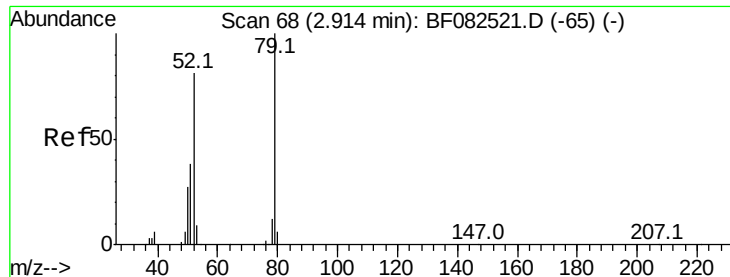
1,4-Dioxane
 Concen: 38.99 ng
 RT: 2.23 min Scan# 8
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion: 88 Resp: 94899
 Ion Ratio Lower Upper
 88 100
 58 78.5 63.0 94.4
 43 28.8 22.5 33.7



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

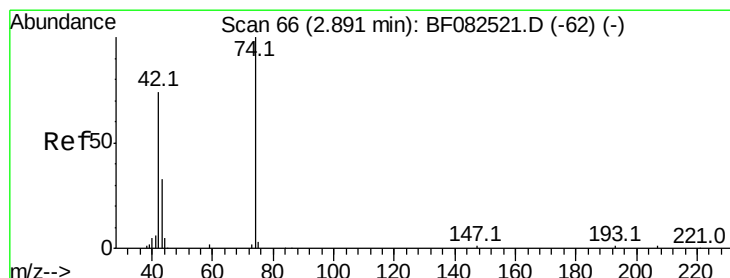
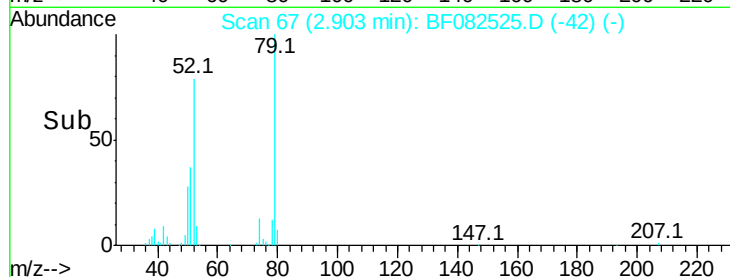
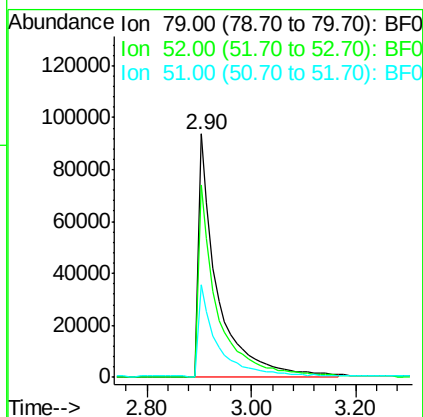
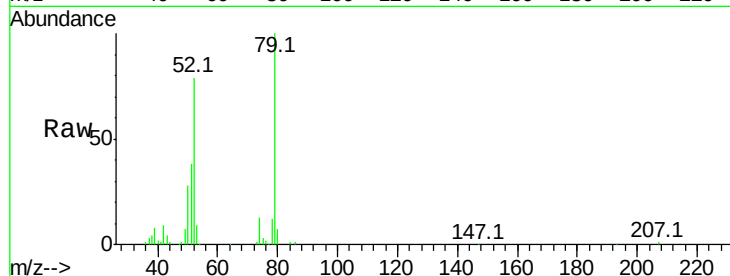




#3
 Pvrindine
 Concen: 42.15 ng
 RT: 2.90 min Scan# 67
 Delta R.T. -0.01 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

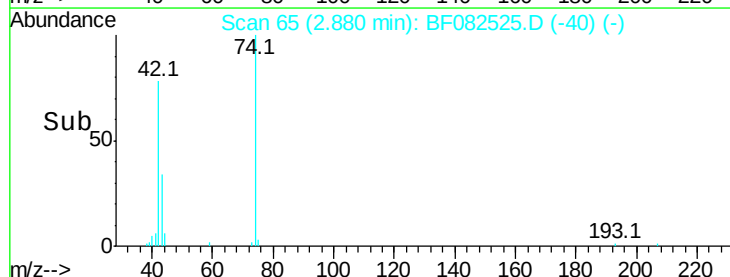
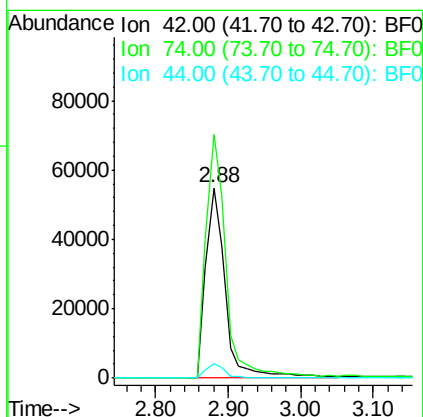
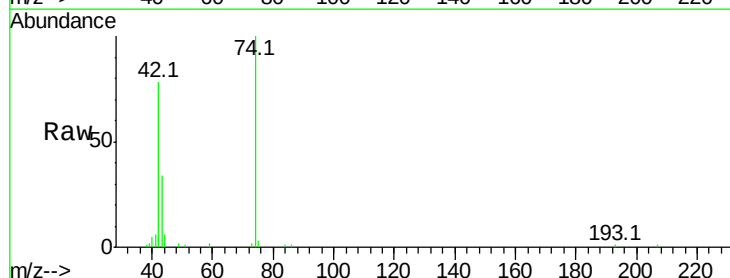
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

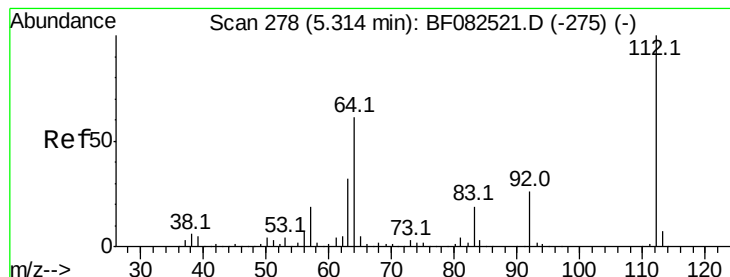
Tot Ion: 79 Resp: 239173
 Ion Ratio Lower Upper
 79 100
 52 78.9 64.4 96.6
 51 38.1 30.5 45.7



#4
 n-Nitrosodimethylamine
 Concen: 41.44 ng
 RT: 2.88 min Scan# 65
 Delta R.T. -0.01 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion: 42 Resp: 103396
 Ion Ratio Lower Upper
 42 100
 74 128.3 108.3 162.5
 44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 81.99 ng

RT: 5.31 min Scan# 278

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

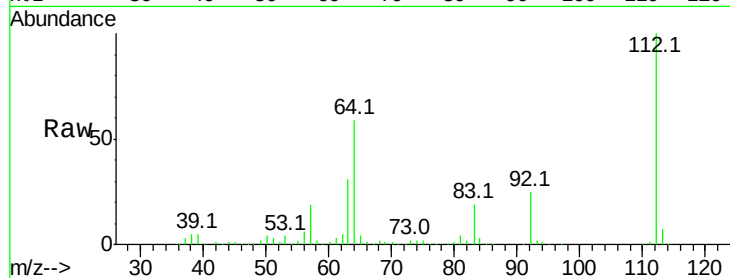
Tot Ion:112 Resp: 397640

Ion Ratio Lower Upper

112 100

64 59.2 49.0 73.4

63 31.3 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.31

400000

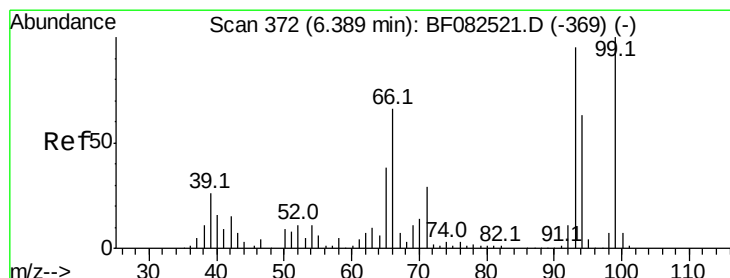
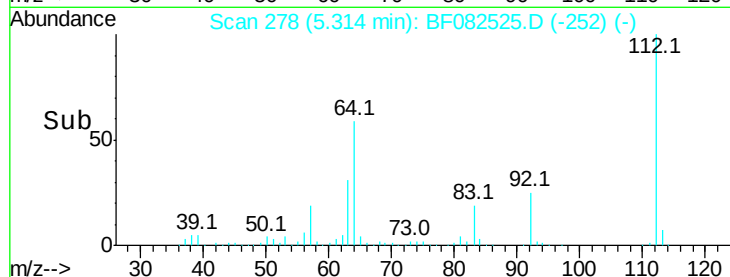
300000

200000

100000

0

Time-->



#6

Aniline

Concen: 40.00 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

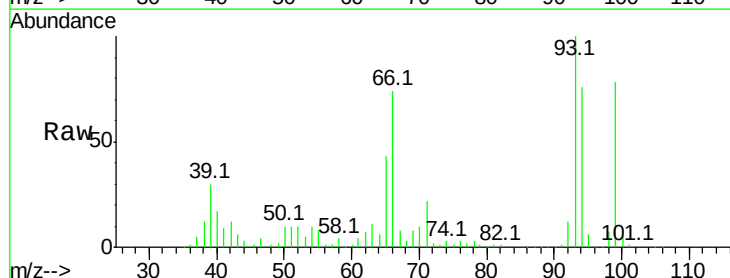
Tgt Ion: 93 Resp: 318575

Ion Ratio Lower Upper

93 100

66 74.3 55.9 83.9

65 43.0 31.8 47.6



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

6.39

300000

250000

200000

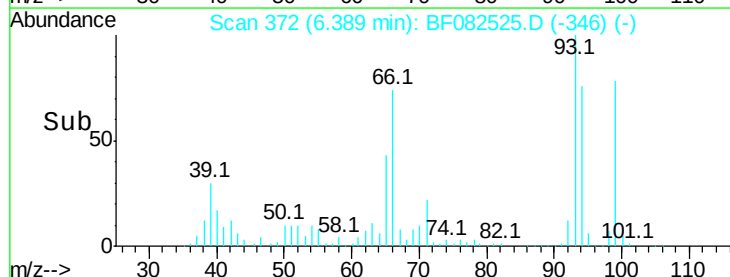
150000

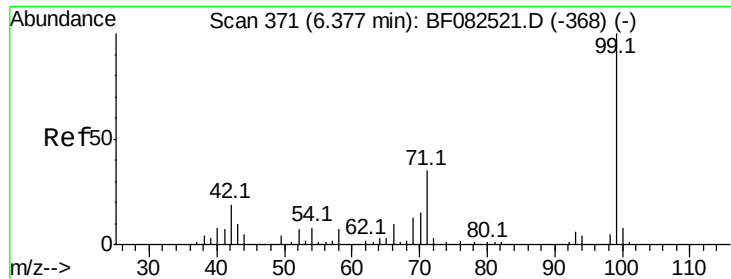
100000

50000

0

Time-->





#7

Phenol-d6

Concen: 77.64 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

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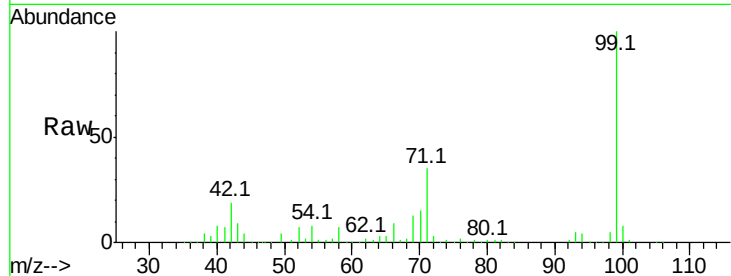
Tot Ion: 99 Resp: 490762

Ion Ratio Lower Upper

99 100

42 19.0 15.1 22.7

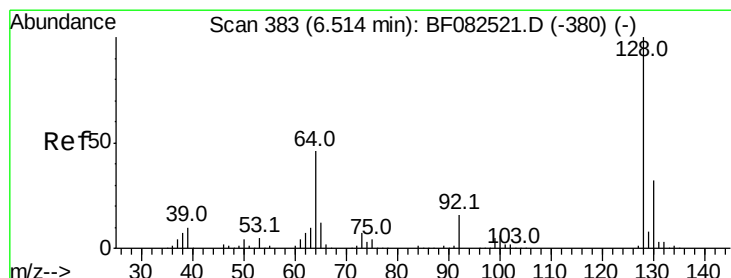
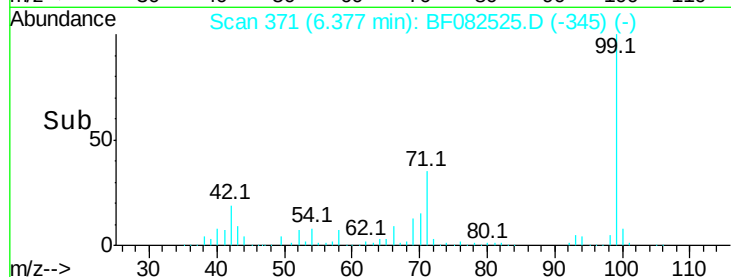
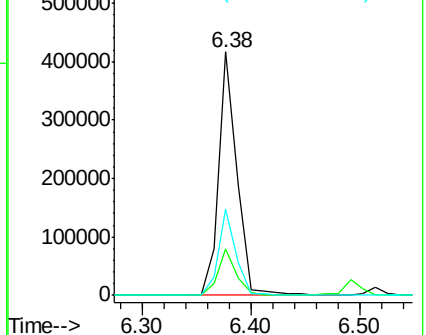
71 35.4 28.2 42.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.74 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

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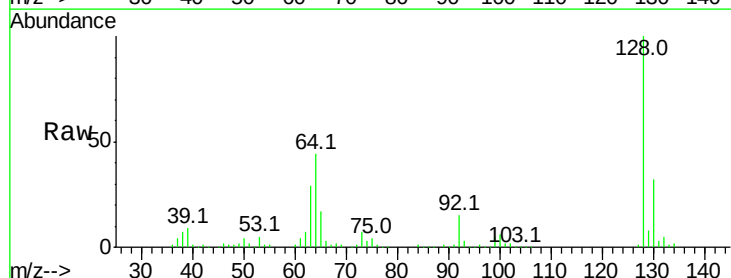
Tgt Ion:128 Resp: 237438

Ion Ratio Lower Upper

128 100

130 32.3 12.1 52.1

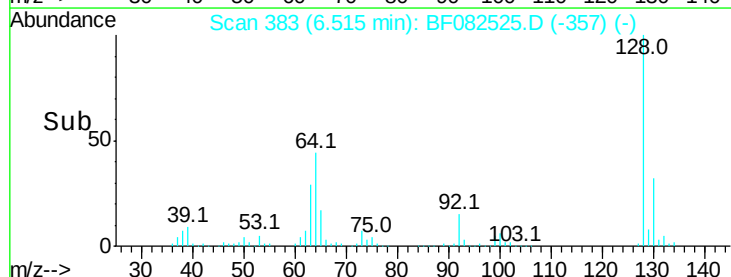
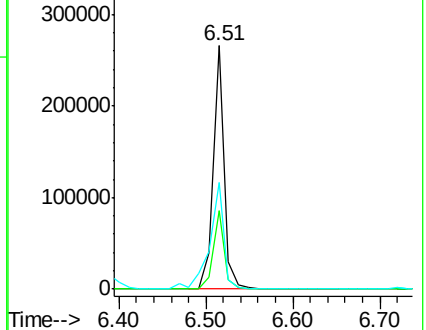
64 43.9 26.7 66.7

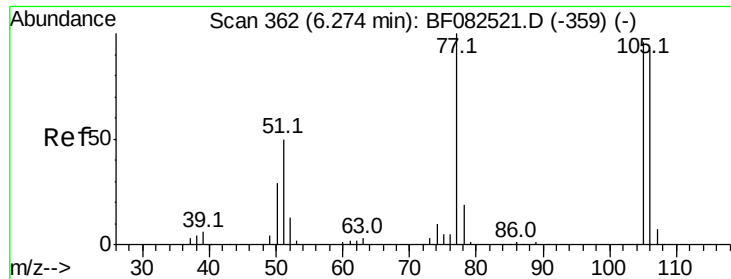


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 42.58 ng

RT: 6.27 min Scan# 362

Delta R.T. 0.00 min

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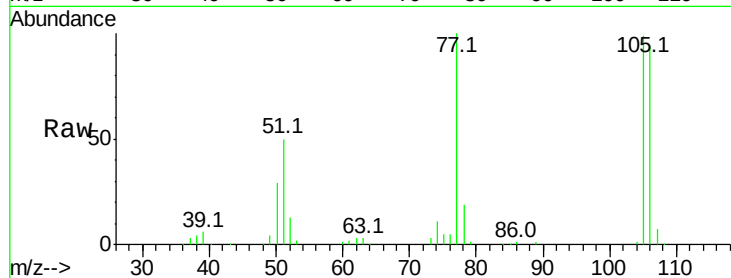
Tot Ion: 77 Resp: 132048

Ion Ratio Lower Upper

77 100

105 98.9 75.9 115.9

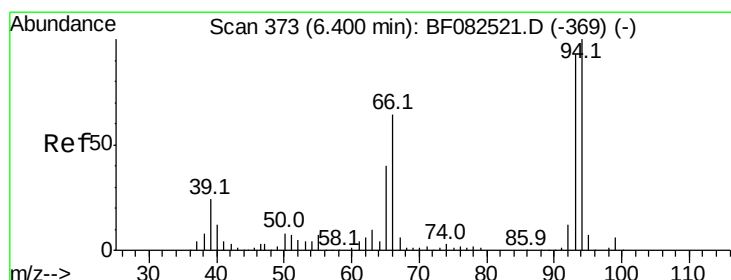
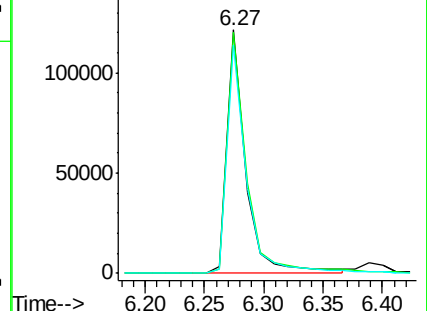
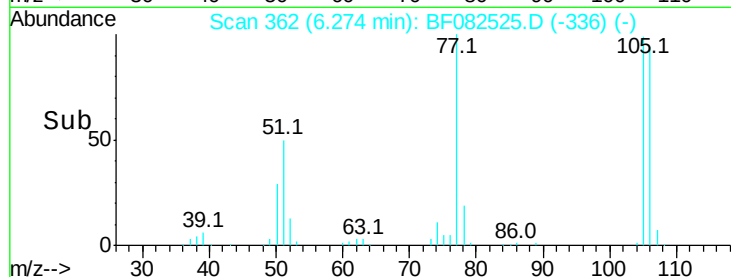
106 93.8 71.8 111.8



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: 36.40 ng

RT: 6.39 min Scan# 372

Delta R.T. -0.01 min

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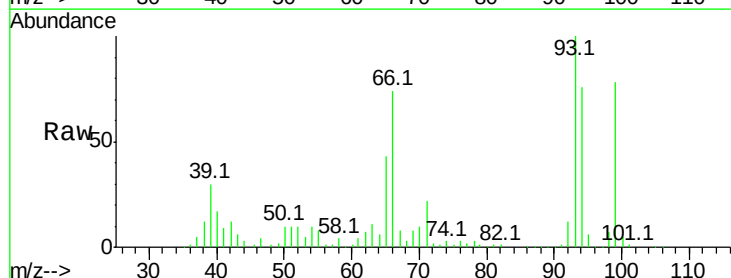
Tgt Ion: 94 Resp: 261244

Ion Ratio Lower Upper

94 100

65 56.7 19.9 59.9

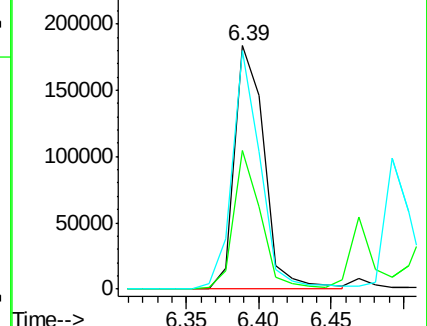
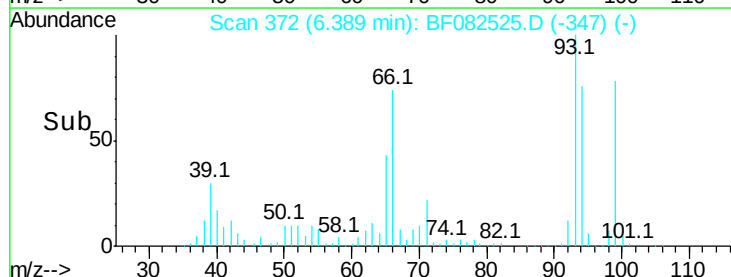
66 98.0 44.1 84.1#

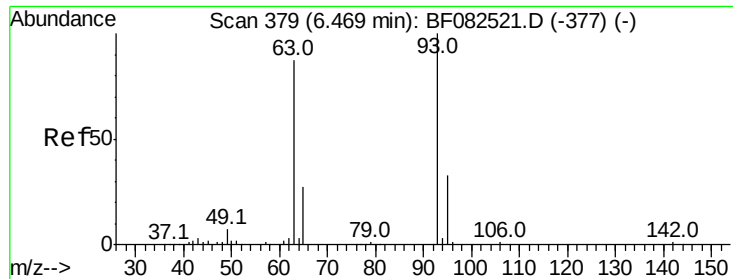


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.64 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

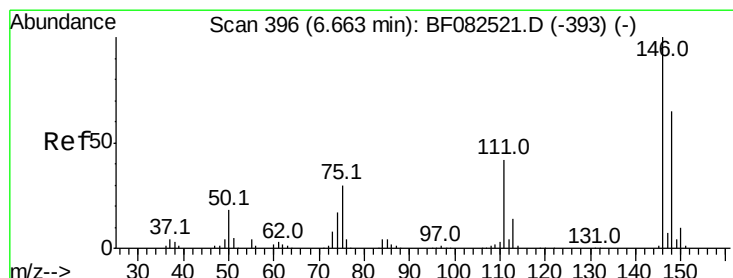
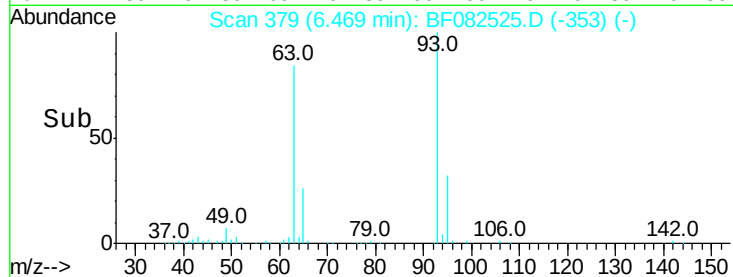
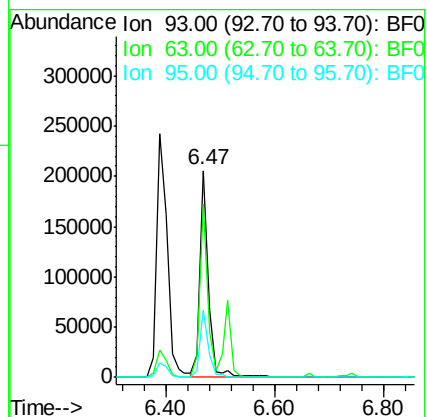
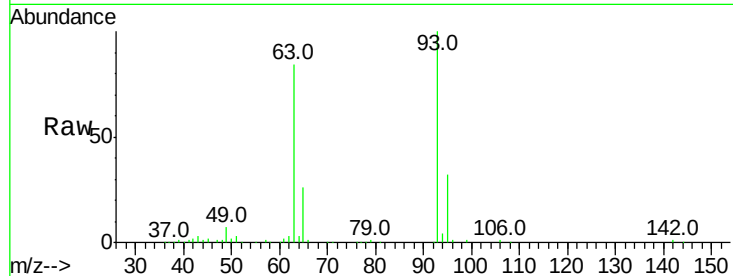
Tot Ion: 93 Resp: 220033

Ion Ratio Lower Upper

93 100

63 83.8 65.2 105.2

95 32.1 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 39.60 ng

RT: 6.66 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

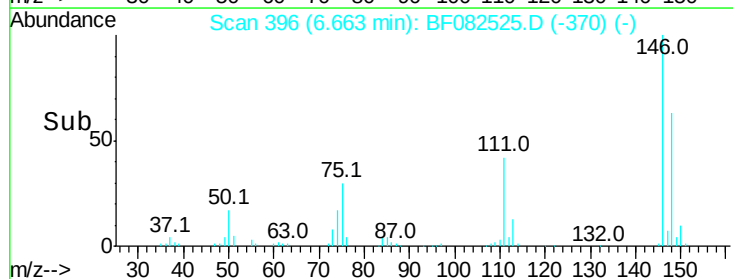
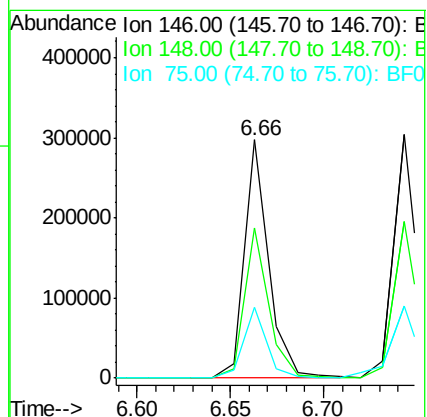
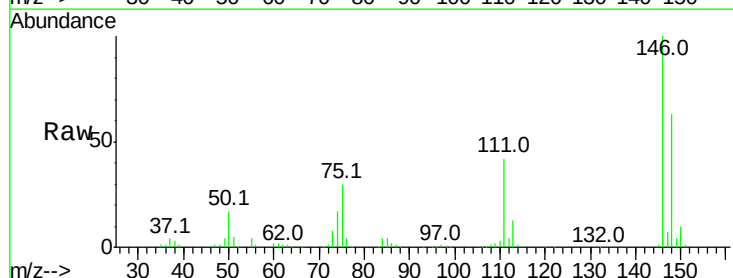
Tgt Ion: 146 Resp: 268728

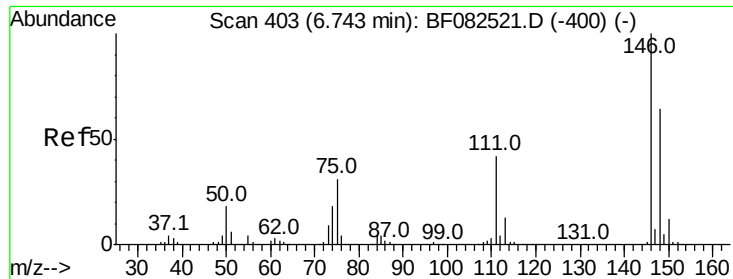
Ion Ratio Lower Upper

146 100

148 63.3 51.9 77.9

75 29.6 24.3 36.5





#13

1,4-Dichlorobenzene

Concen: 39.97 ng

RT: 6.74 min Scan# 403

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

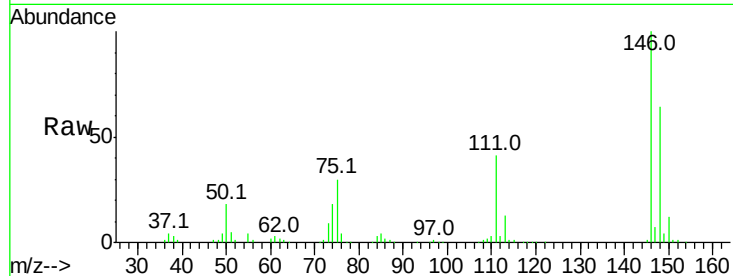
Tot Ion:146 Resp: 279027

Ion Ratio Lower Upper

146 100

148 64.4 51.4 77.0

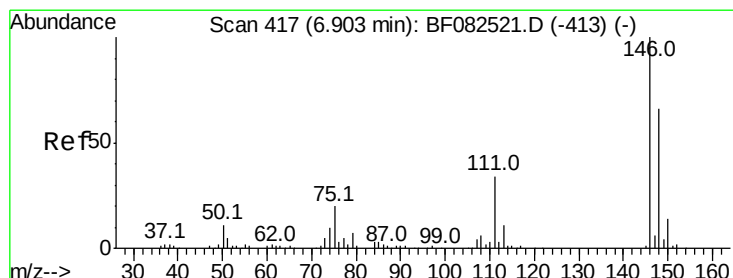
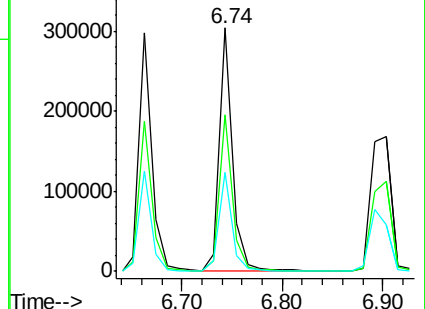
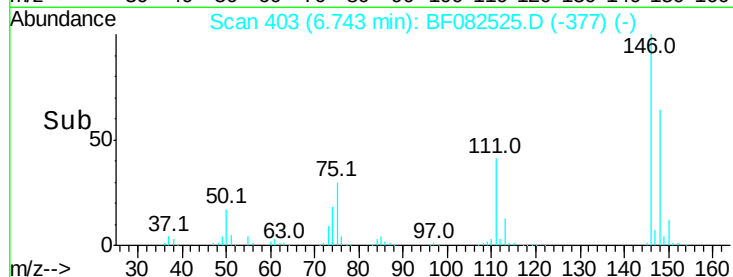
111 40.7 33.3 49.9



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.14 ng

RT: 6.90 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

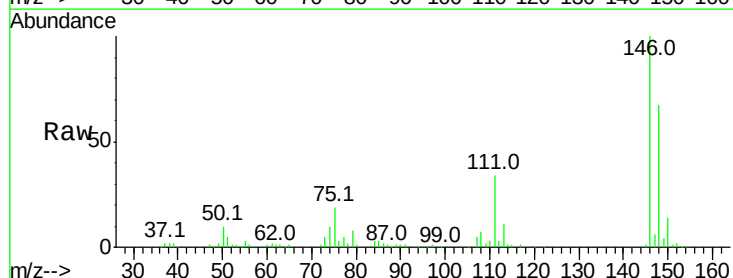
Tgt Ion:146 Resp: 240658

Ion Ratio Lower Upper

146 100

148 66.5 53.0 79.4

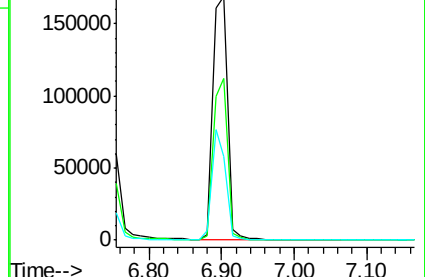
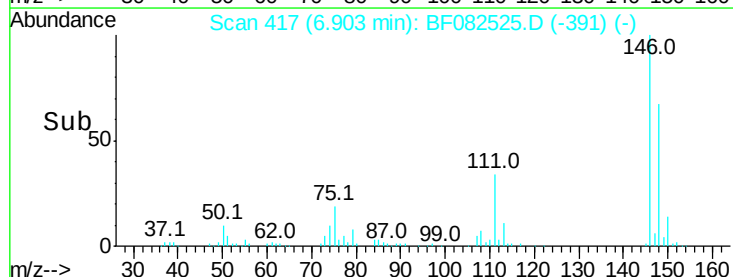
111 34.1 27.5 41.3

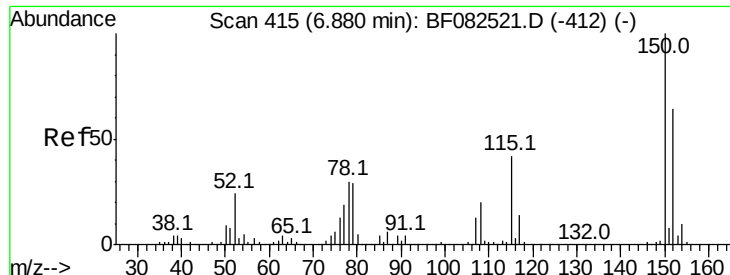


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

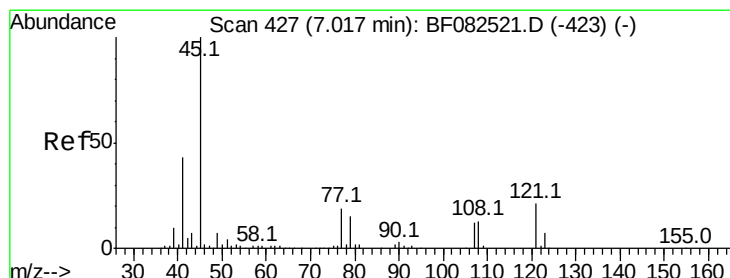
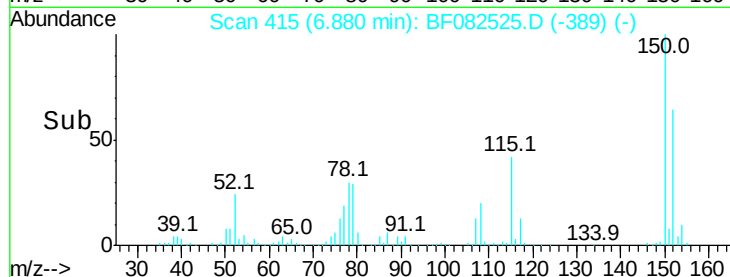
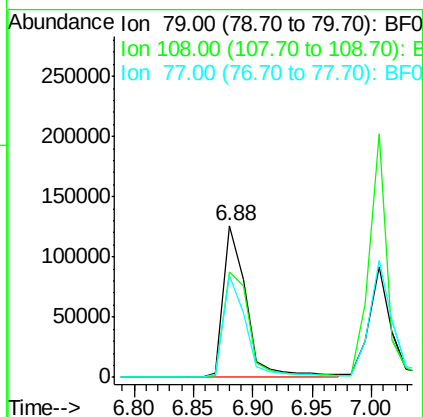
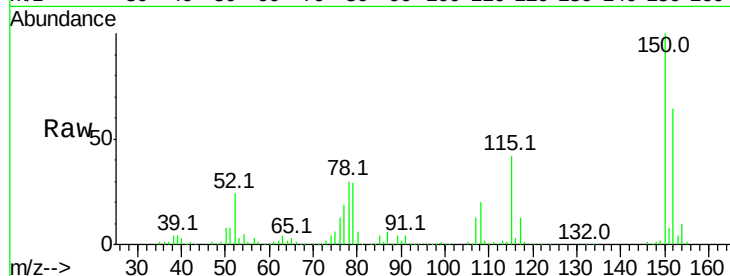




#15
Benzyl Alcohol
Concen: 38.68 ng
RT: 6.88 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

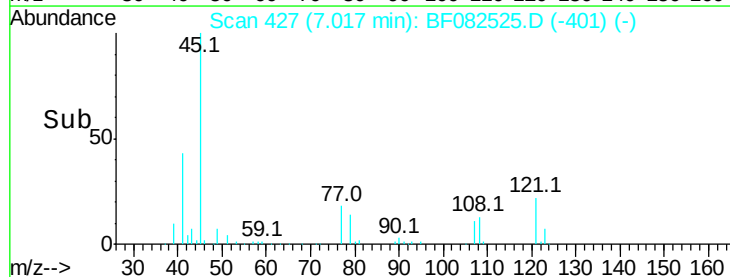
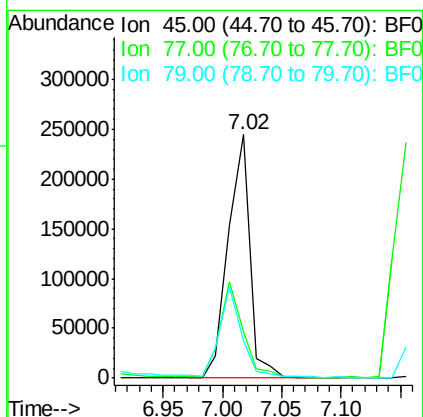
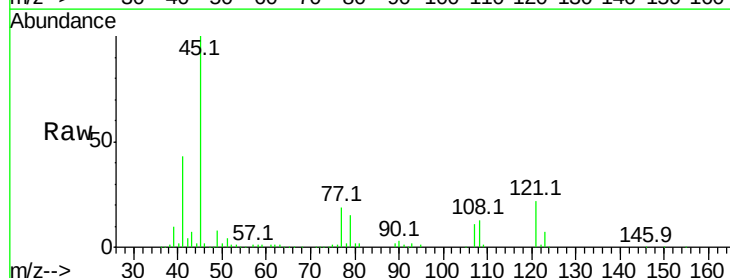
Instrument :
BNA_F
ClientSampleId :
ICVBF102615

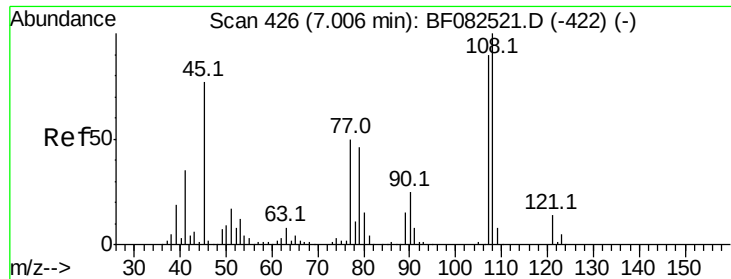
Tot Ion: 79 Resp: 170208
Ion Ratio Lower Upper
79 100
108 69.6 55.0 82.6
77 67.2 52.5 78.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.34 ng
RT: 7.02 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion: 45 Resp: 311024
Ion Ratio Lower Upper
45 100
77 19.1 0.0 39.3
79 15.4 0.0 35.7

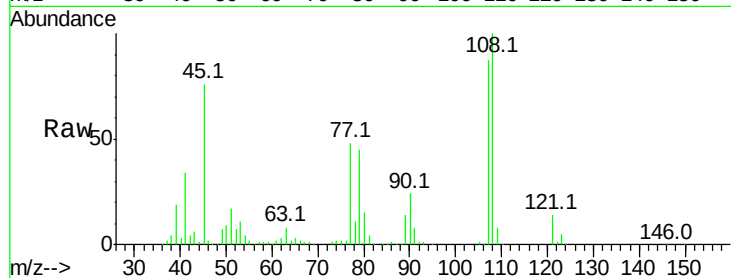




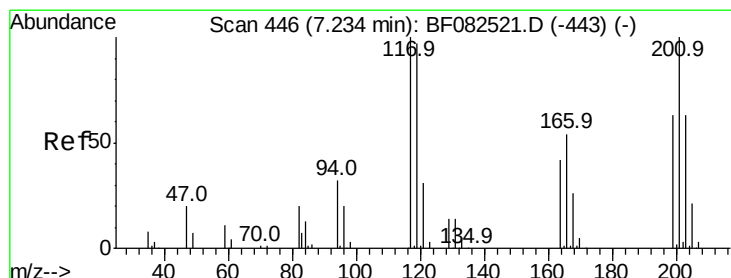
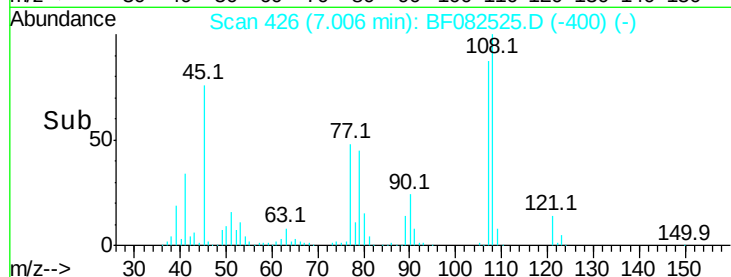
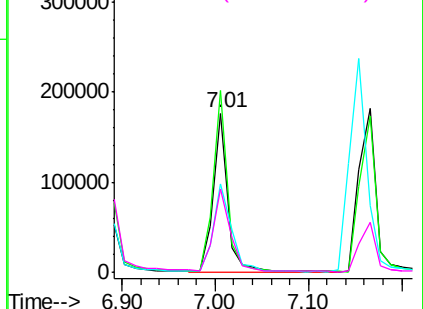
#17
2-Methylphenol
Concen: 41.05 ng
RT: 7.01 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Instrument :
BNA_F
ClientSampleId :
ICVBF102615

Tot Ion:107 Resp: 187287
Ion Ratio Lower Upper
107 100
108 114.7 89.4 134.2
77 55.3 44.8 67.2
79 52.2 42.1 63.1

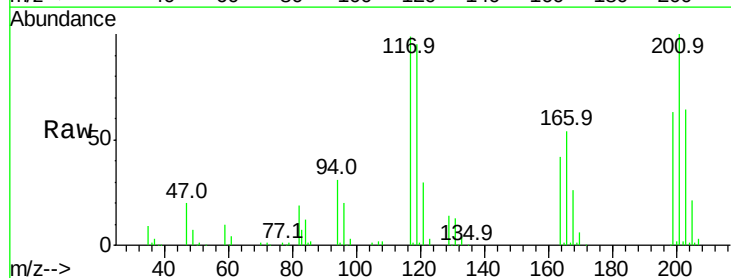


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

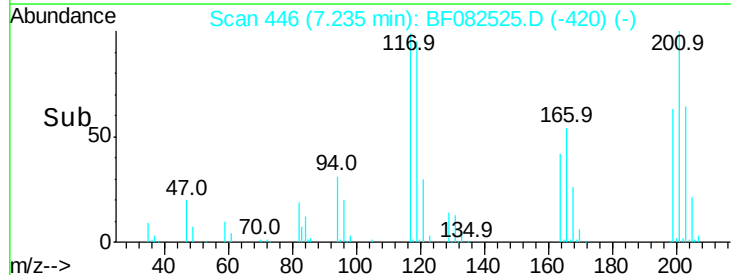
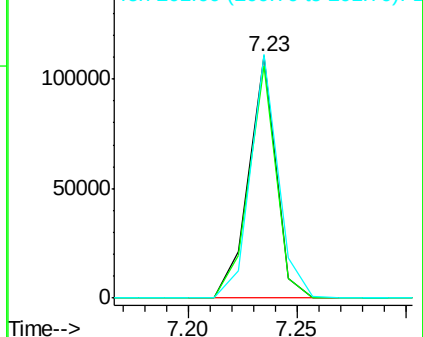


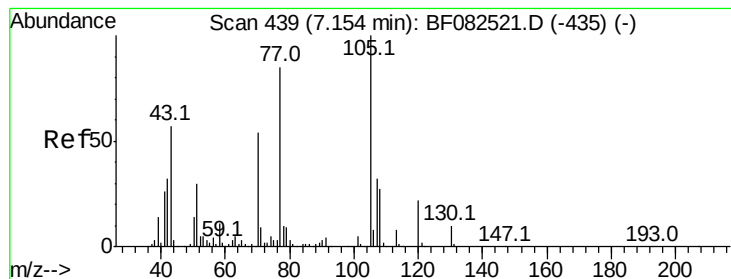
#18
Hexachloroethane
Concen: 40.58 ng
RT: 7.23 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion:117 Resp: 96425
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3
201 100.7 80.1 120.1



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: 39.54 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

Tot Ion: 70 Resp: 162830

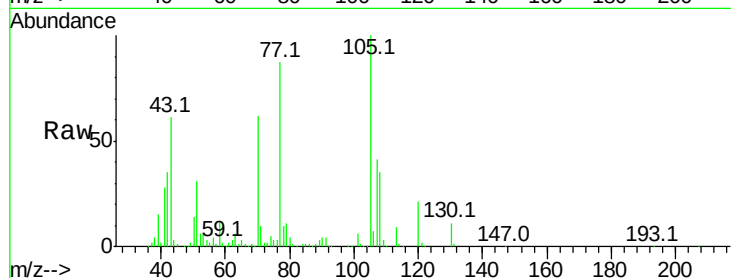
Ion Ratio Lower Upper

70 100

42 56.7 46.9 70.3

101 9.3 7.4 11.2

130 18.5 14.2 21.4



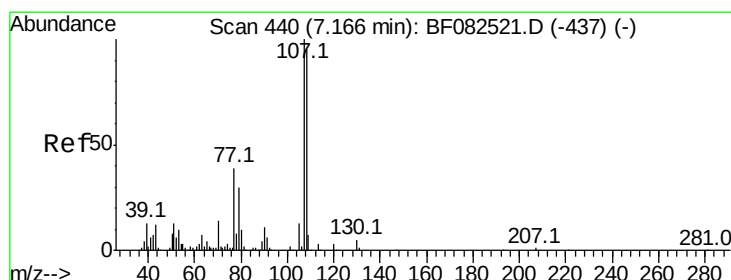
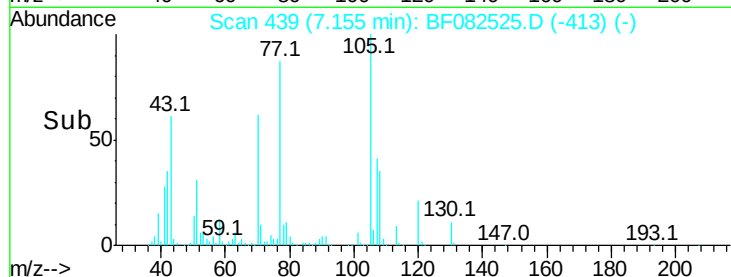
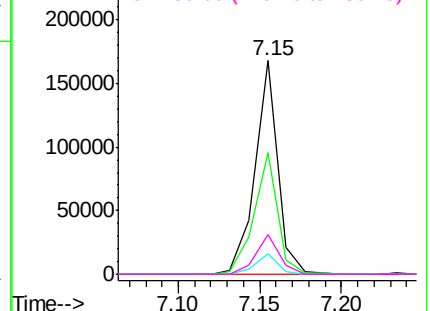
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.54 ng

RT: 7.17 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Tgt Ion:107 Resp: 236276

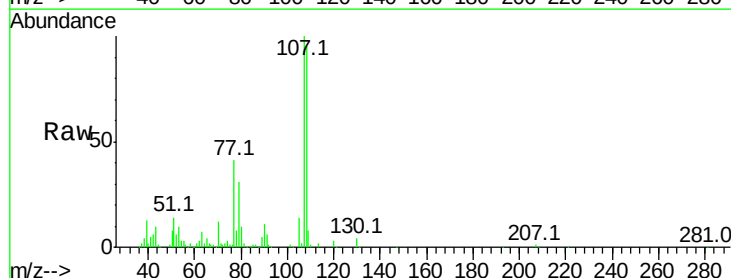
Ion Ratio Lower Upper

107 100

108 95.4 74.8 114.8

77 40.9 20.3 60.3

79 30.7 10.2 50.2



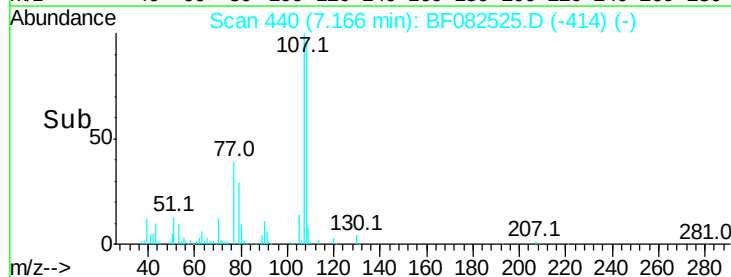
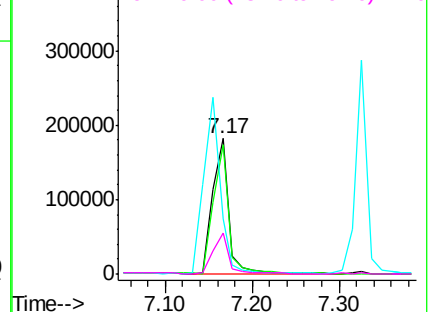
Abundance

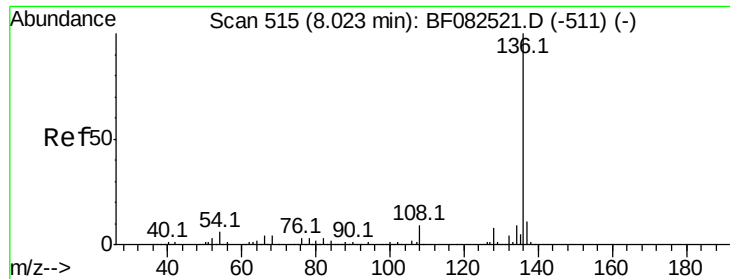
Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 515

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

Tot Ion:136 Resp: 374328

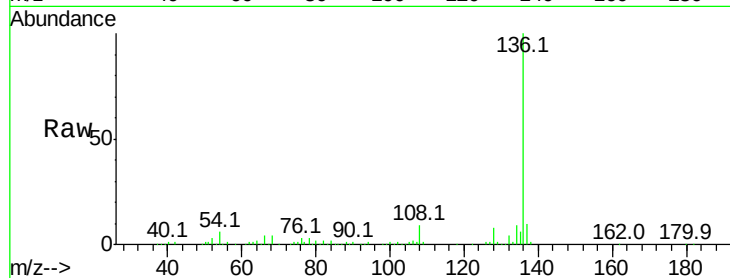
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 5.8 4.6 7.0

68 3.7 3.2 4.8

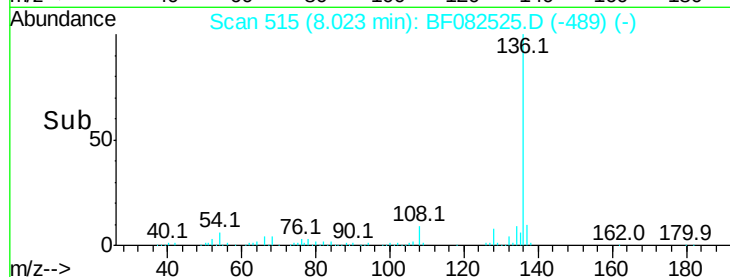


Abundance Ion 136.00 (135.70 to 136.70): E

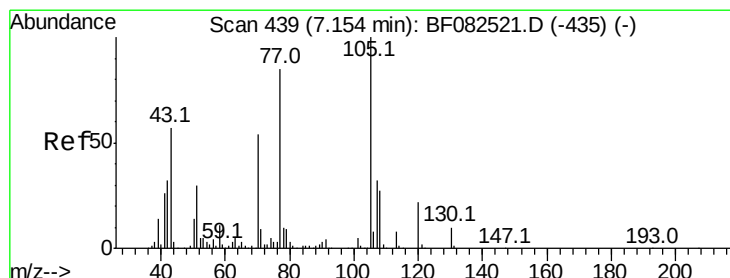
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.50 ng

RT: 7.15 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Tgt Ion:105 Resp: 320777

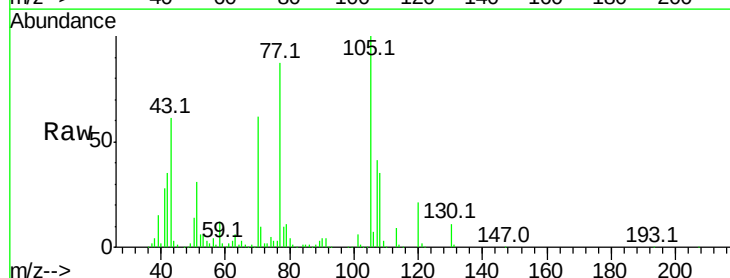
Ion Ratio Lower Upper

105 100

71 10.1 7.1 10.7

51 30.9 24.4 36.6

120 20.9 17.3 25.9

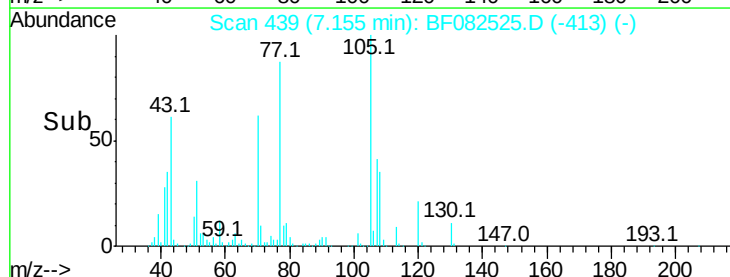


Abundance Ion 105.00 (104.70 to 105.70): E

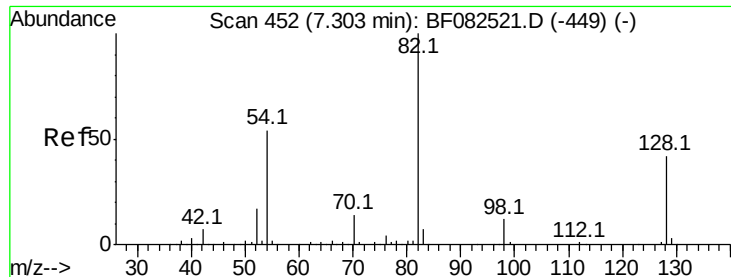
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



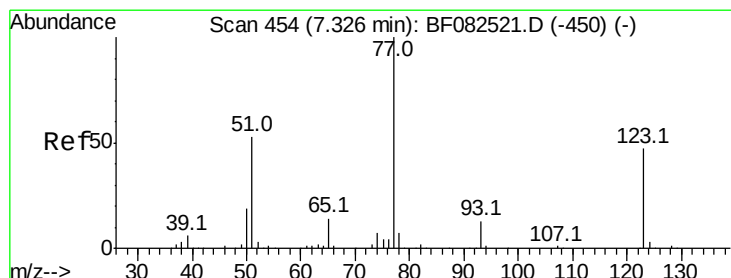
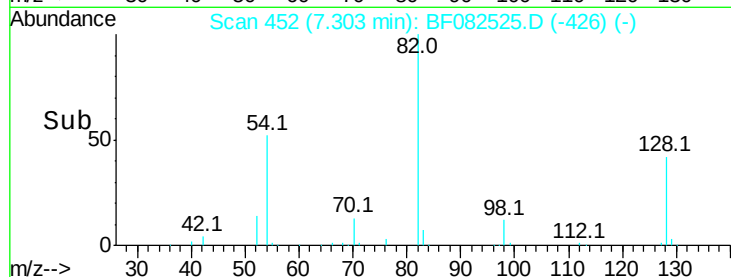
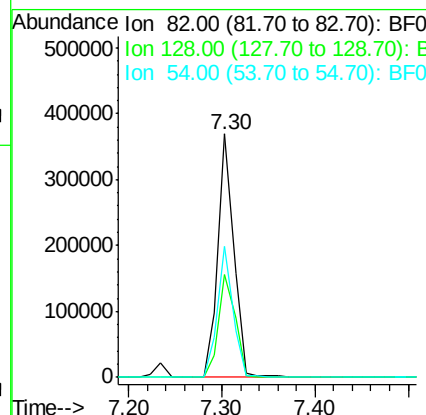
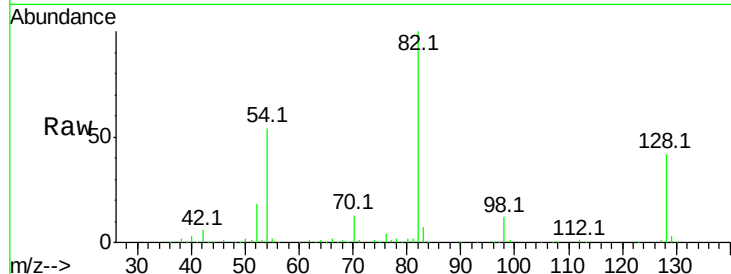
Time-->



#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 7.30 min Scan# 452
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

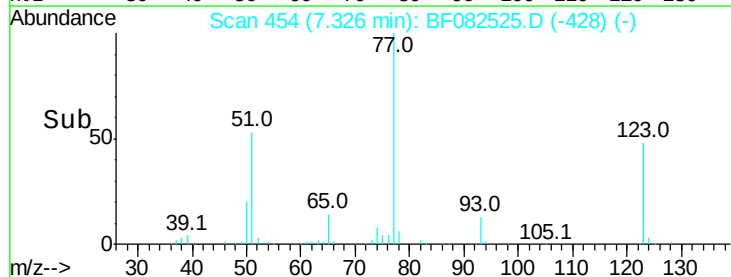
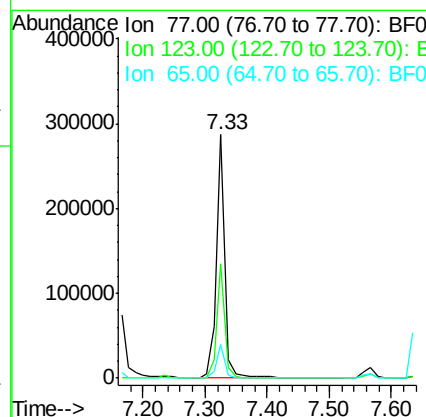
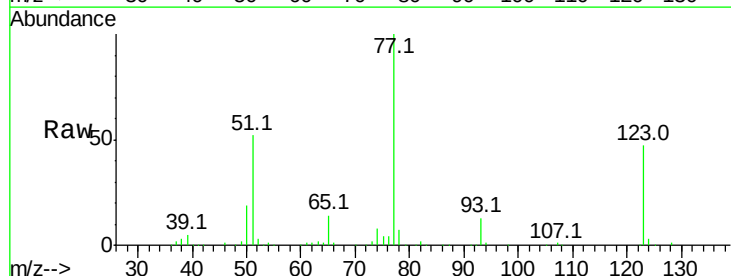
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

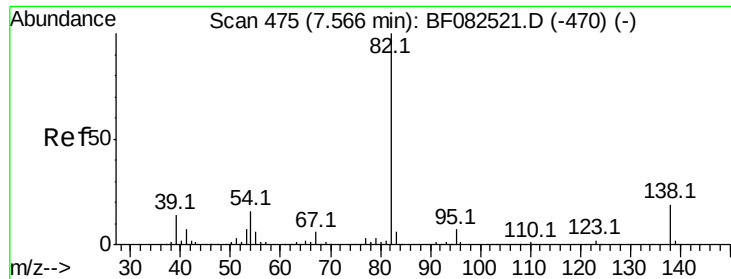
Tot Ion	82	Resp	443005
Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	53.9	43.5	65.3



#24
 Nitrobenzene
 Concen: 40.92 ng
 RT: 7.33 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion	77	Resp	265135
Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.4	56.0
65	13.9	11.0	16.4





#25

Isophorone

Concen: 38.00 ng

RT: 7.57 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

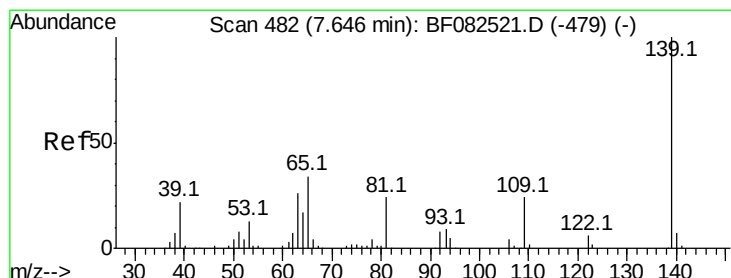
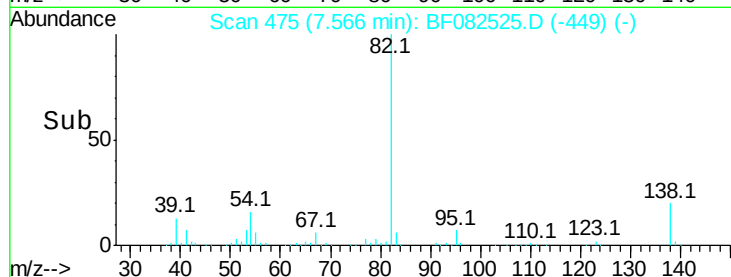
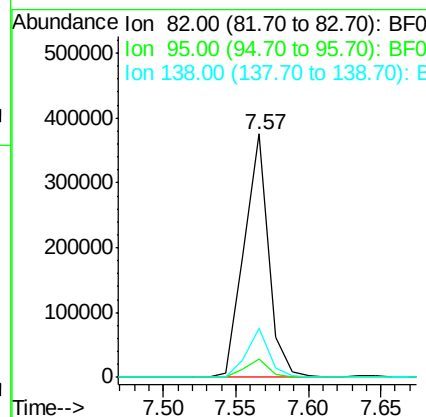
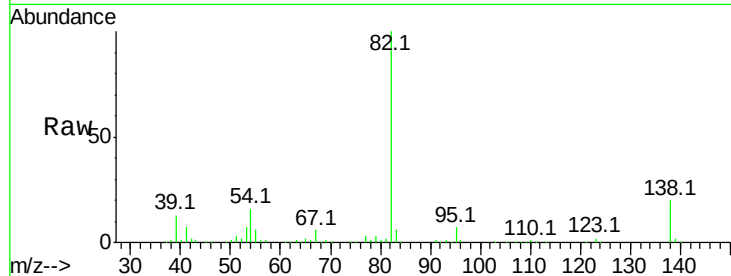
Tot Ion: 82 Resp: 438011

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

138 20.1 15.0 22.4



#26

2-Nitrophenol

Concen: 38.25 ng

RT: 7.63 min Scan# 481

Delta R.T. -0.01 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

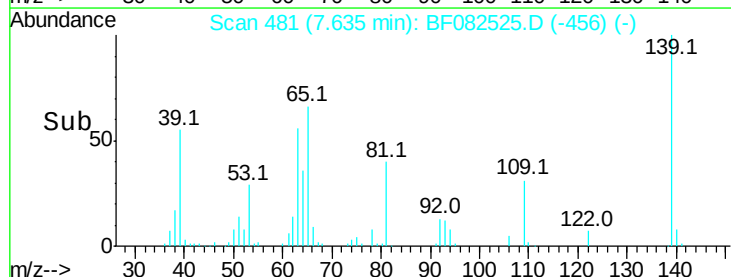
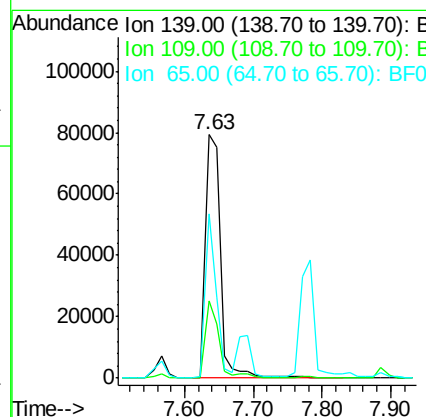
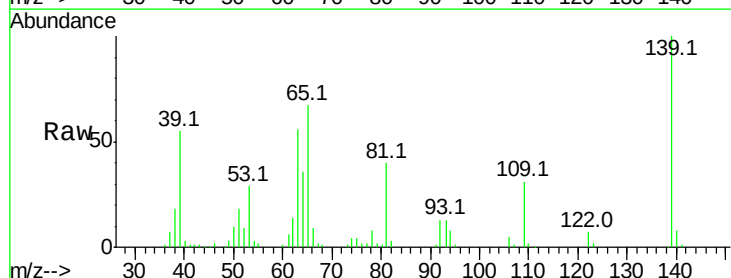
Tgt Ion: 139 Resp: 119708

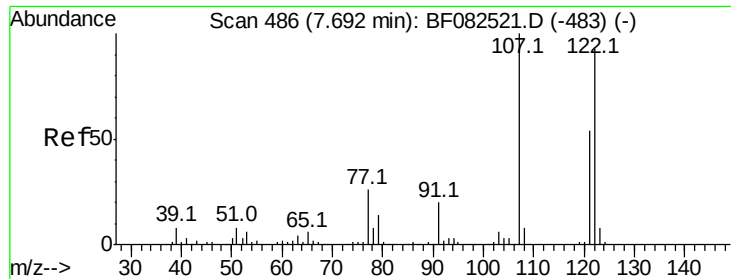
Ion Ratio Lower Upper

139 100

109 31.5 19.3 28.9#

65 67.3 27.1 40.7#

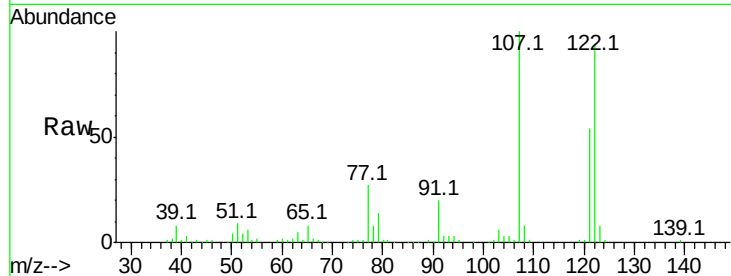




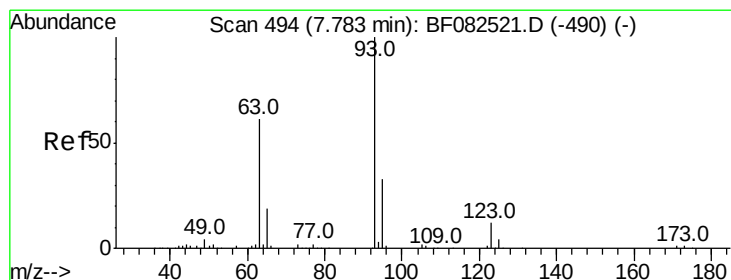
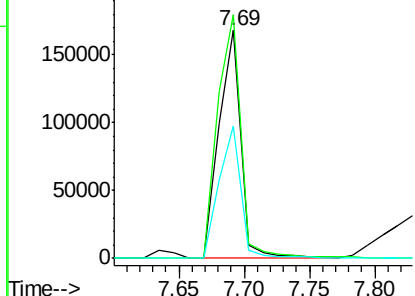
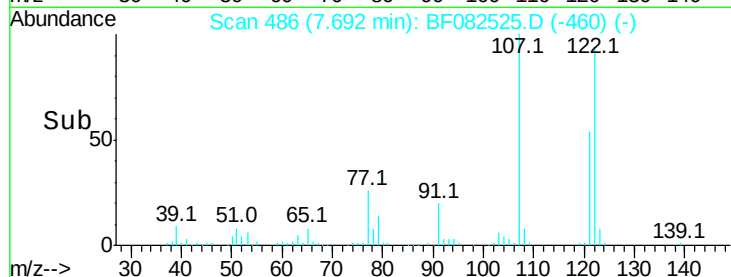
#27
 2,4-Dimethylphenol
 Concen: 38.32 ng
 RT: 7.69 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:122 Resp: 194934
 Ion Ratio Lower Upper
 122 100
 107 106.9 85.8 128.8
 121 58.1 46.2 69.2

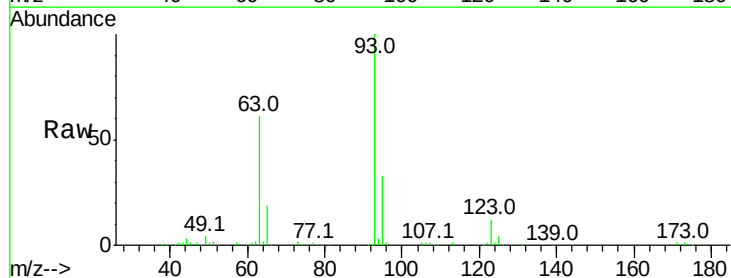


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

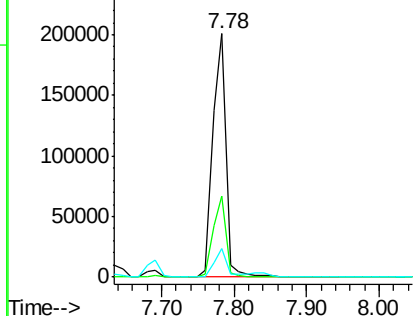
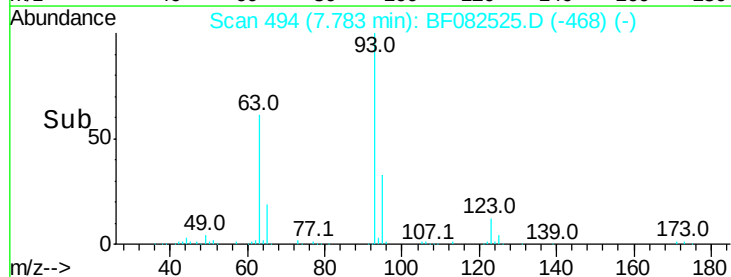


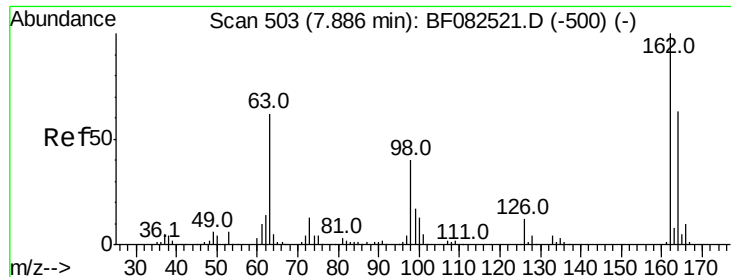
#28
 bis(2-Chloroethoxy)methane
 Concen: 37.63 ng
 RT: 7.78 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion: 93 Resp: 254349
 Ion Ratio Lower Upper
 93 100
 95 33.5 26.2 39.2
 123 11.9 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

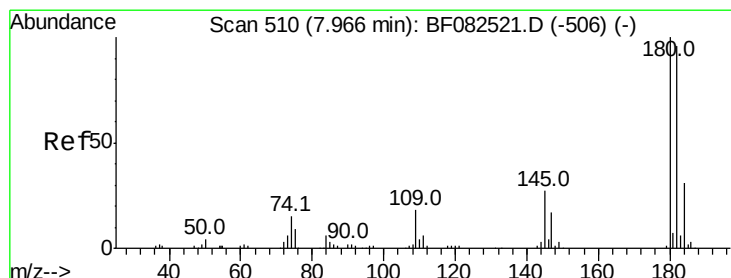
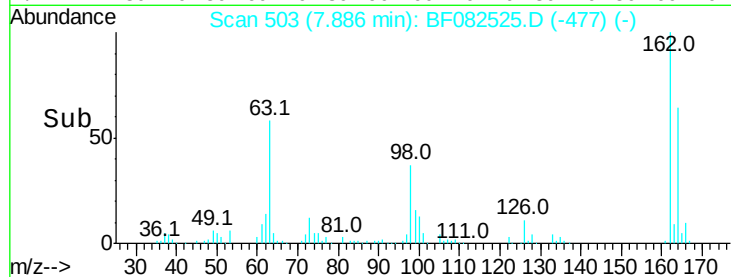
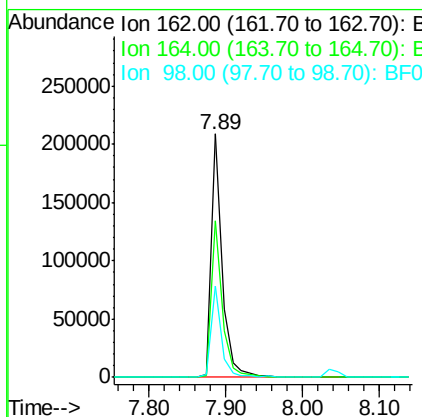
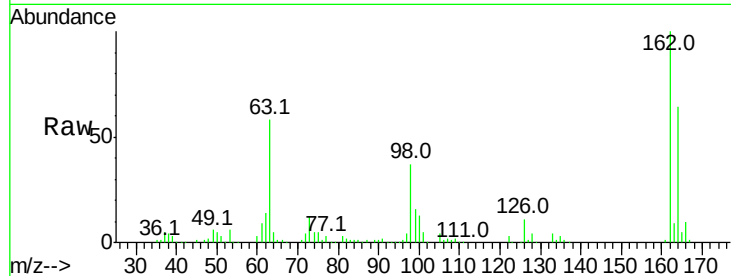




#29
 2,4-Dichlorophenol
 Concen: 40.09 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

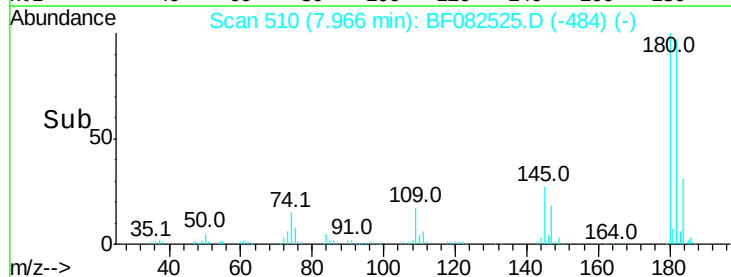
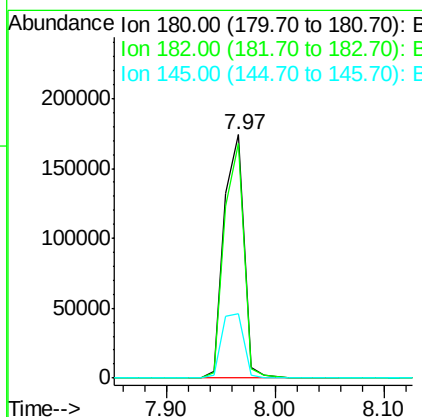
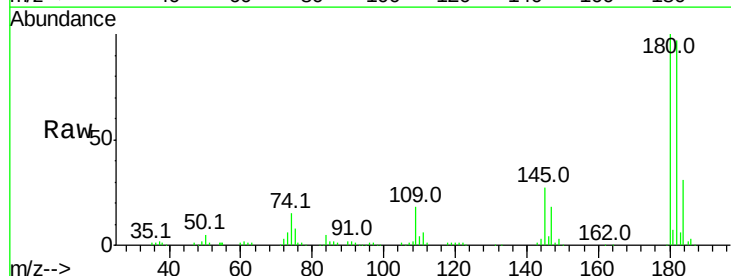
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

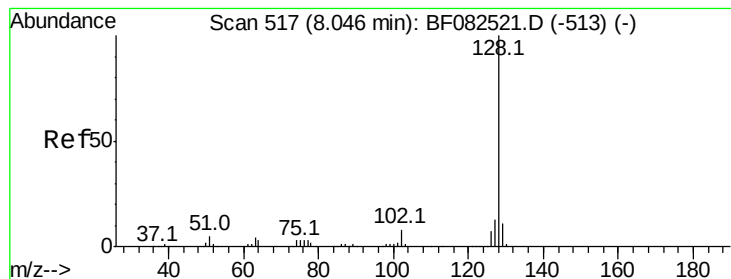
Tot Ion	162	Resp	203410
Ion Ratio	Lower	Upper	
162	100		
164	64.2	43.1	83.1
98	37.3	19.6	59.6



#30
 1,2,4-Trichlorobenzene
 Concen: 38.61 ng
 RT: 7.97 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion	180	Resp	221509
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.6	115.0
145	26.7	21.3	31.9





#31

Naphthalene

Concen: 36.95 ng

RT: 8.03 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

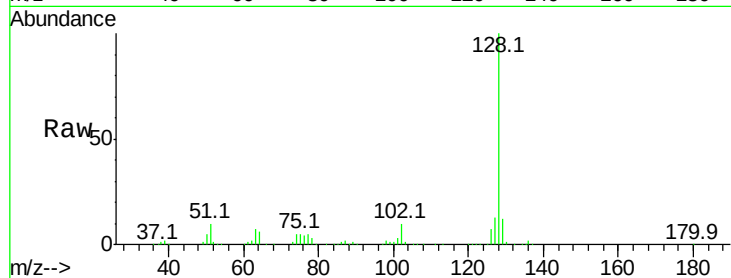
Tot Ion:128 Resp: 632142

Ion Ratio Lower Upper

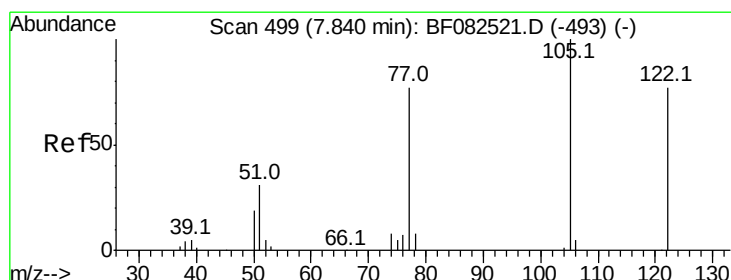
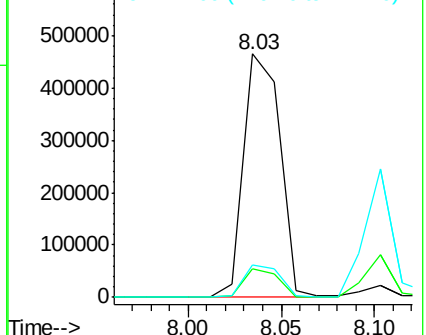
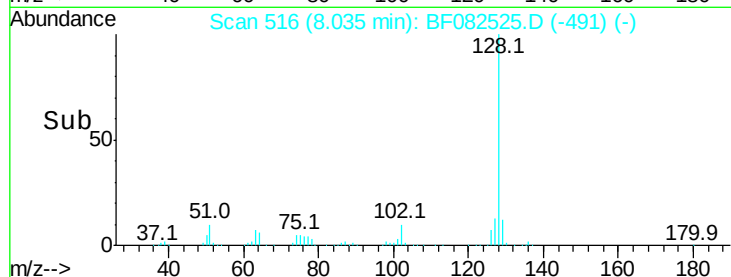
128 100

129 11.7 8.6 12.8

127 13.2 10.7 16.1



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: 32.63 ng

RT: 7.84 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

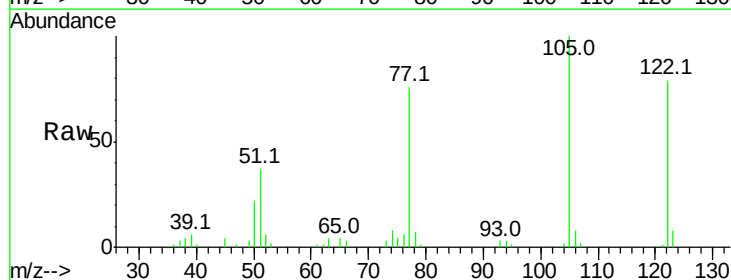
Tgt Ion:122 Resp: 92976

Ion Ratio Lower Upper

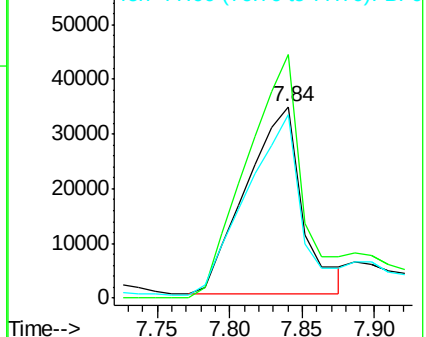
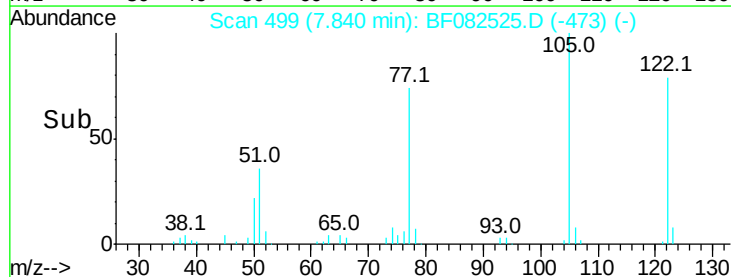
122 100

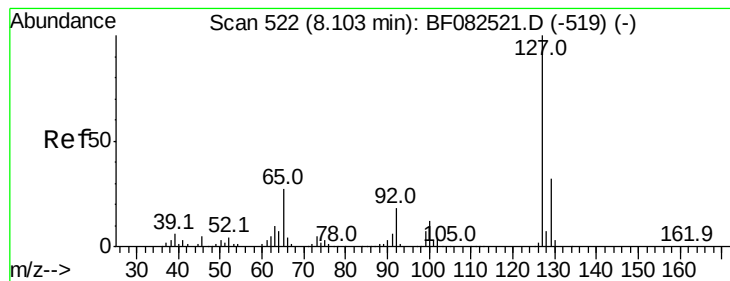
105 127.2 106.4 146.4

77 96.2 79.1 119.1



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: 40.86 ng

RT: 8.10 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

Tot Ion:127 Resp: 271017

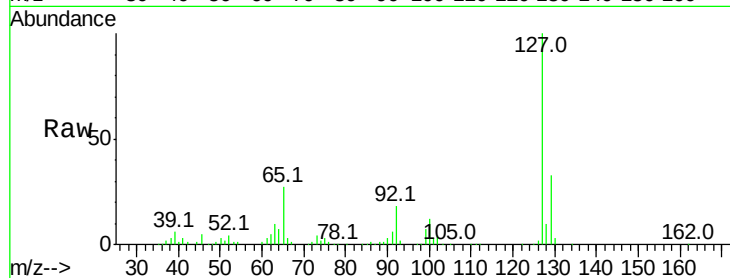
Ion Ratio Lower Upper

127 100

129 33.2 25.8 38.8

65 26.6 21.8 32.6

92 17.6 14.6 22.0

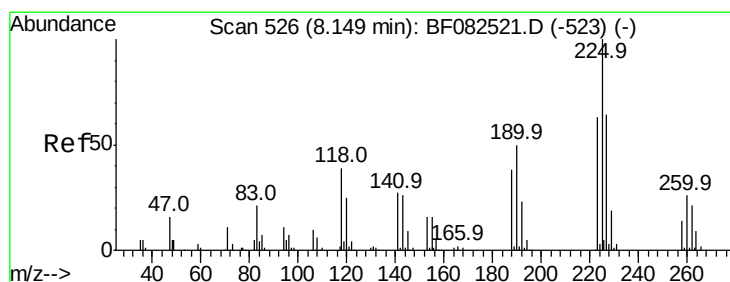
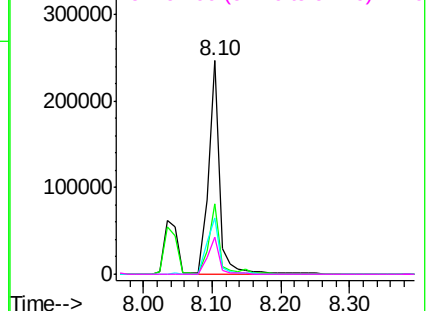
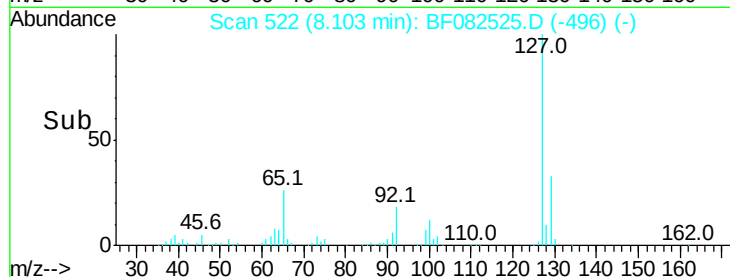


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.59 ng

RT: 8.15 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

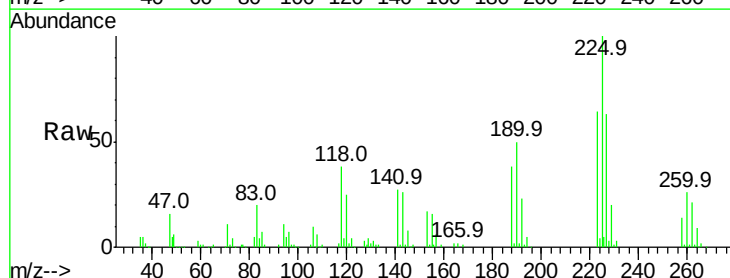
Tgt Ion:225 Resp: 124747

Ion Ratio Lower Upper

225 100

223 64.3 50.2 75.4

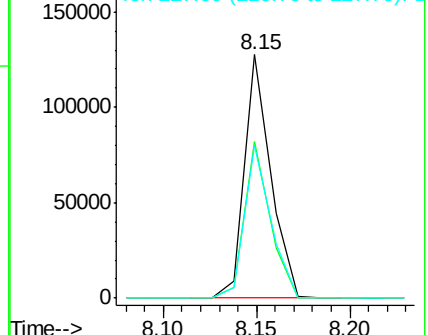
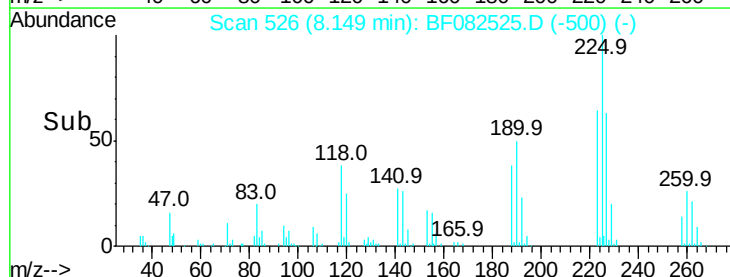
227 62.6 51.4 77.0

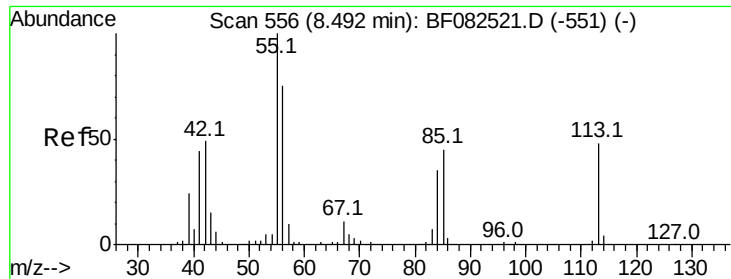


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

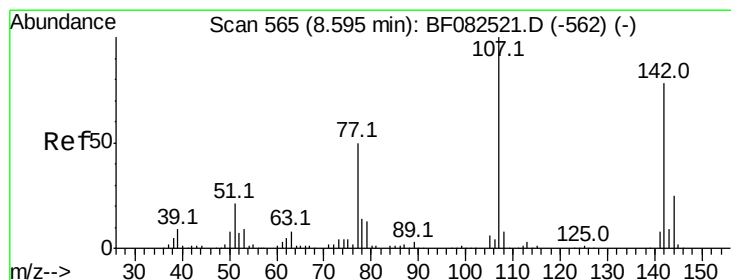
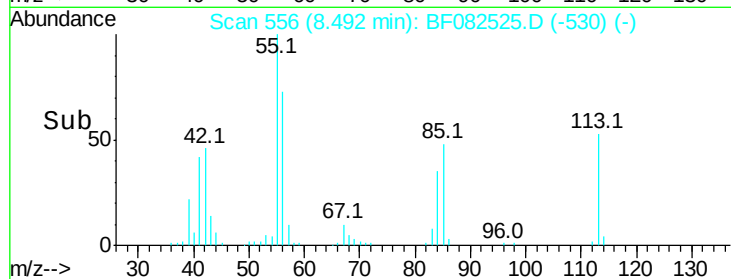
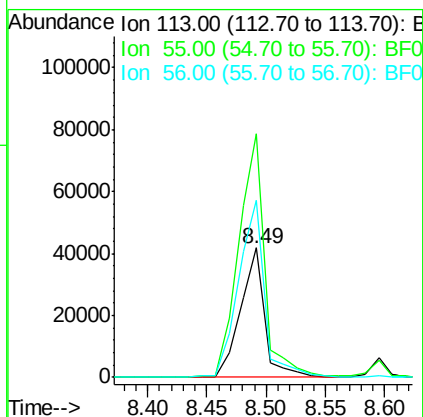
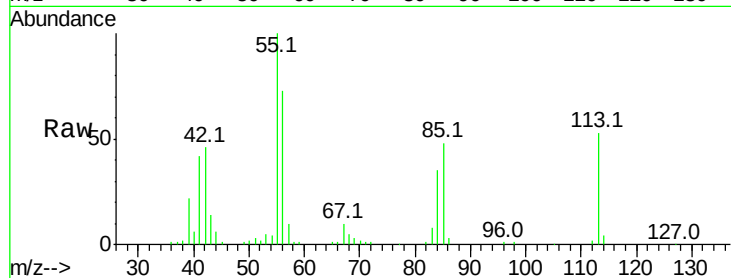




#35
 Caprolactam
 Concen: 41.87 ng
 RT: 8.49 min Scan# 556
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

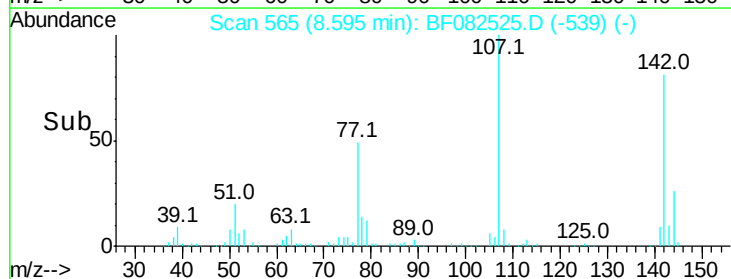
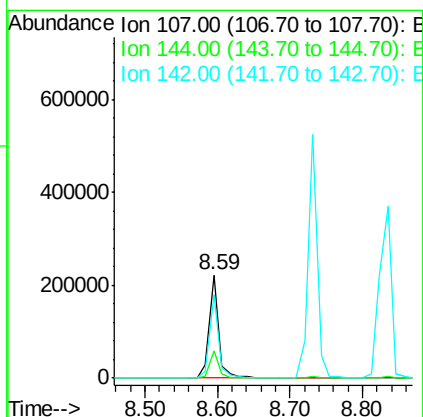
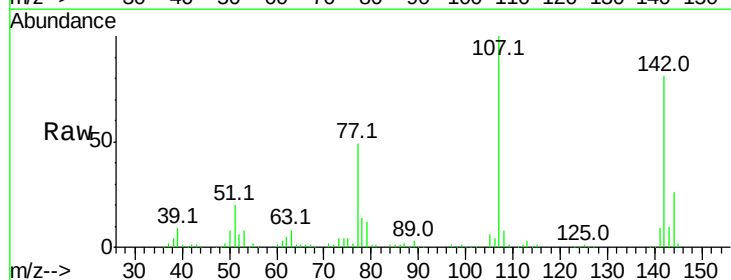
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

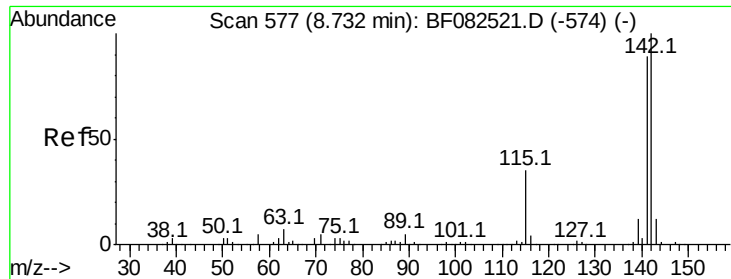
Tot Ion:113 Resp: 59054
 Ion Ratio Lower Upper
 113 100
 55 188.0 188.9 228.9#
 56 136.7 135.8 175.8



#36
 4-Chloro-3-methylphenol
 Concen: 41.71 ng
 RT: 8.59 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:107 Resp: 205816
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.2 30.2
 142 81.4 62.6 93.8

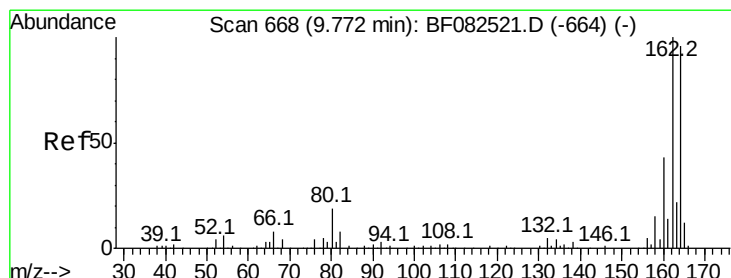
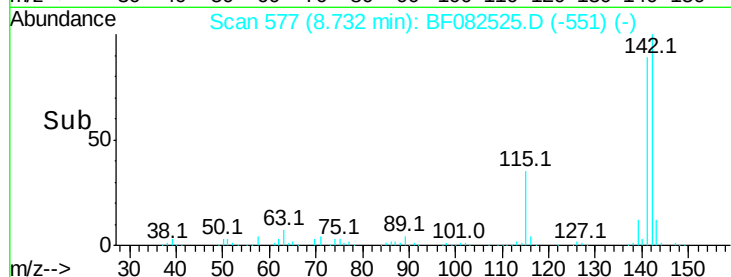
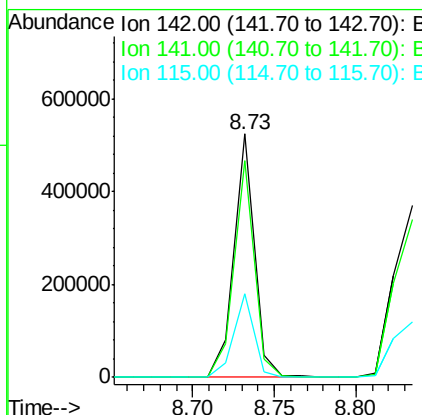
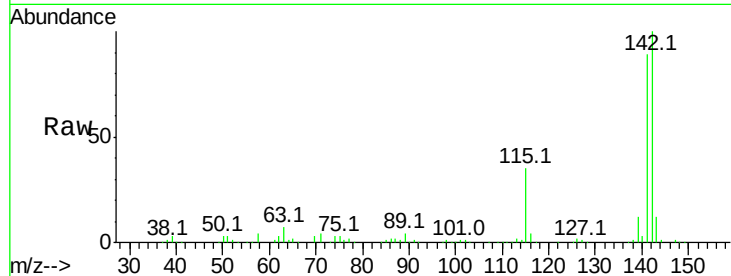




#37
 2-Methylnaphthalene
 Concen: 39.30 ng
 RT: 8.73 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

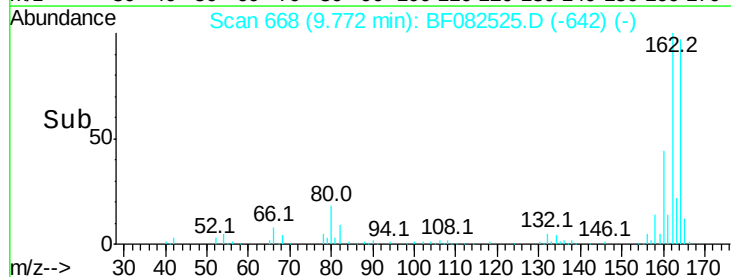
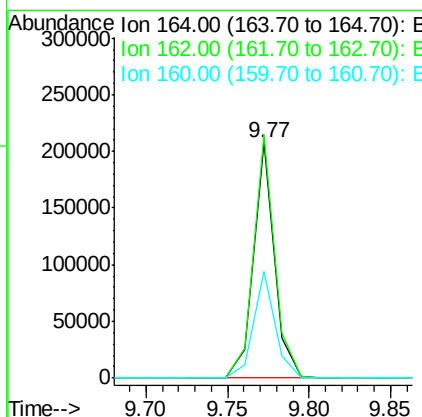
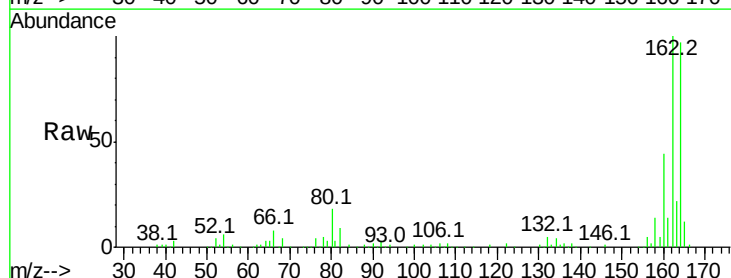
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

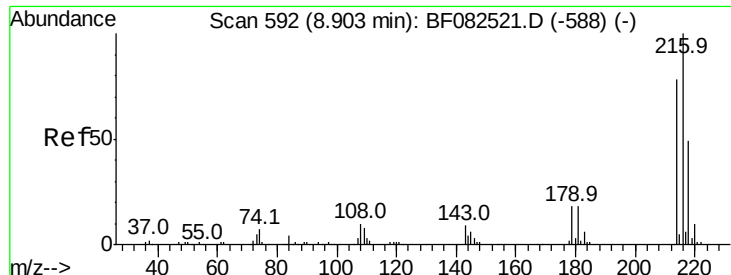
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	34.6	28.0	42.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.6	125.4
160	45.0	36.0	54.0

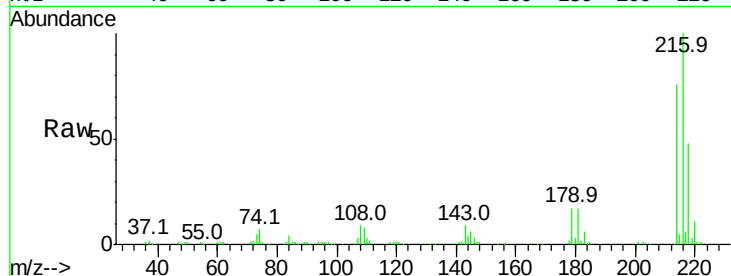




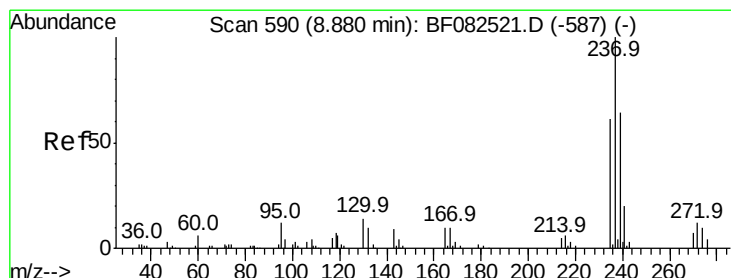
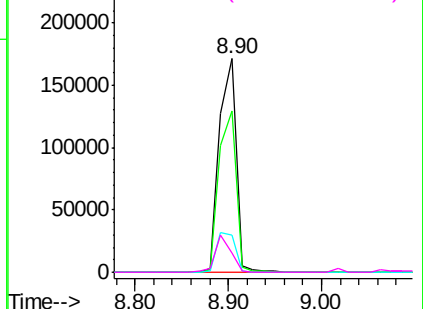
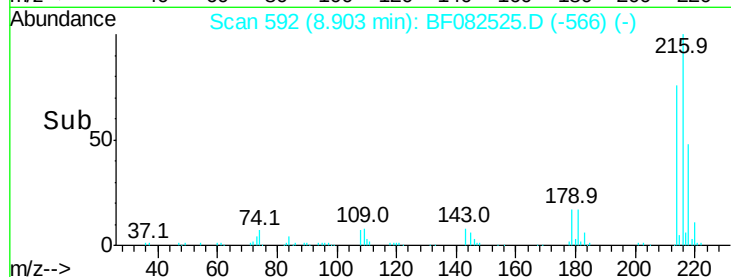
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.33 ng
 RT: 8.90 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:	216	Resp:	214246
Ion	Ratio	Lower	Upper
216	100		
214	77.5	63.1	94.7
179	20.3	16.5	24.7
108	15.7	13.0	19.4

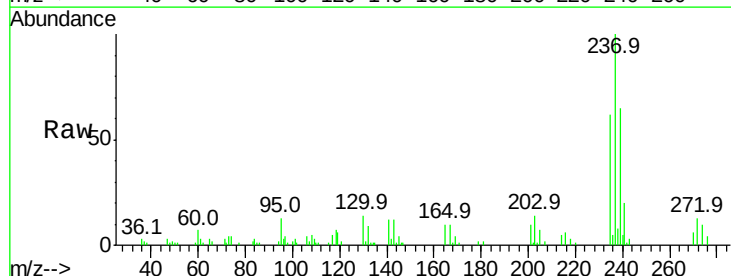


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

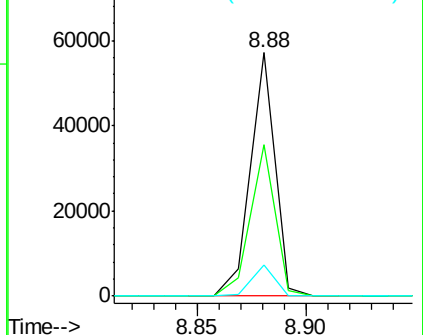
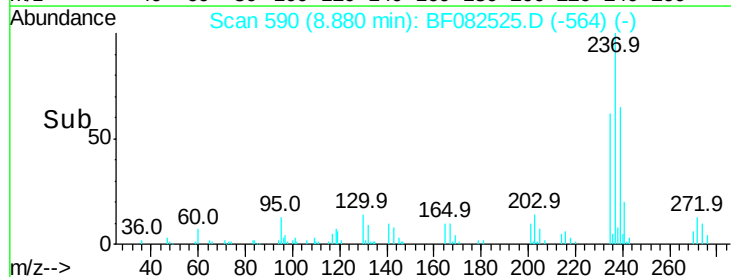


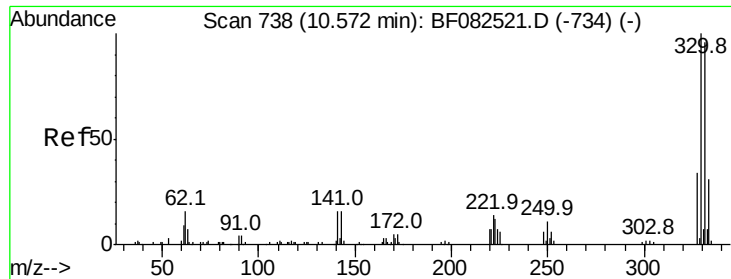
#40
 Hexachlorocyclopentadiene
 Concen: 40.49 ng
 RT: 8.88 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:	237	Resp:	45105
Ion	Ratio	Lower	Upper
237	100		
235	62.1	41.4	81.4
272	12.7	0.0	31.7



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

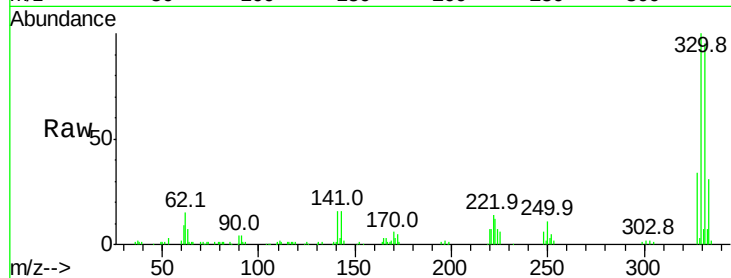




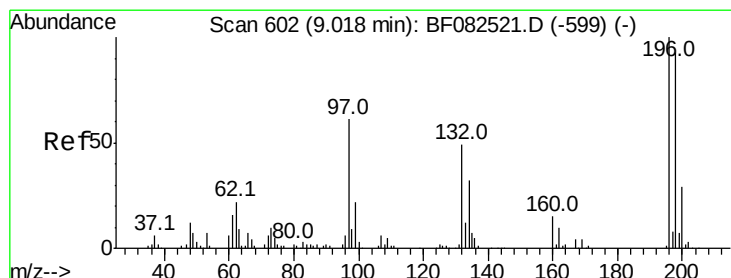
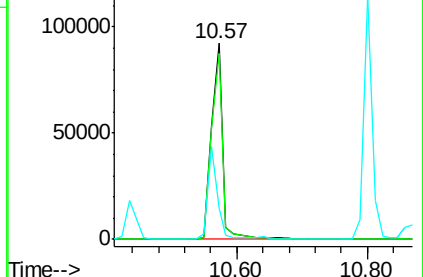
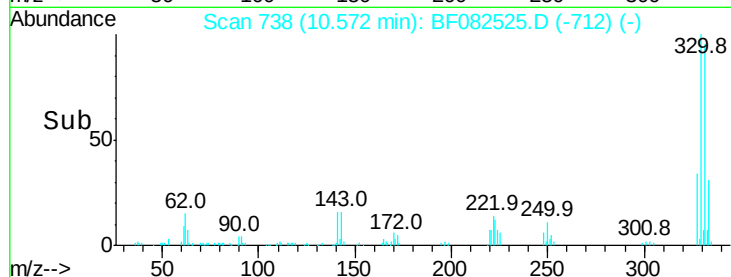
#41
 2,4,6-Tribromophenol
 Concen: 81.03 ng
 RT: 10.57 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.0
141	39.7	32.5	48.7

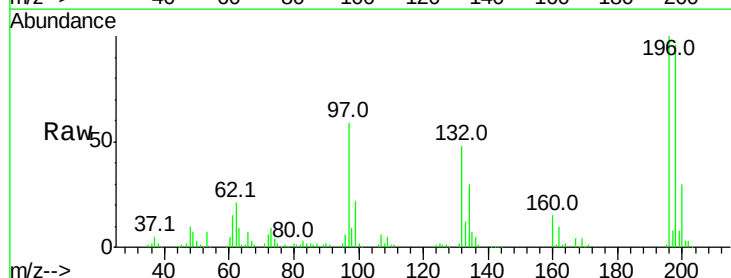


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

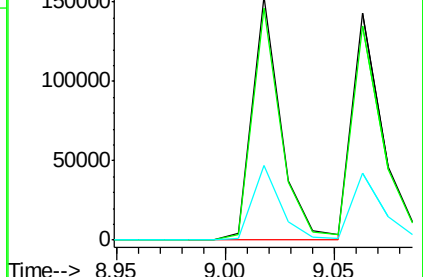
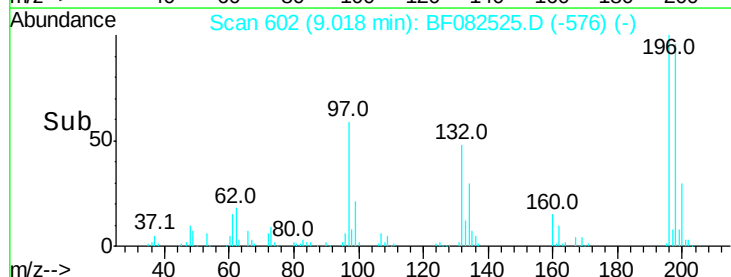


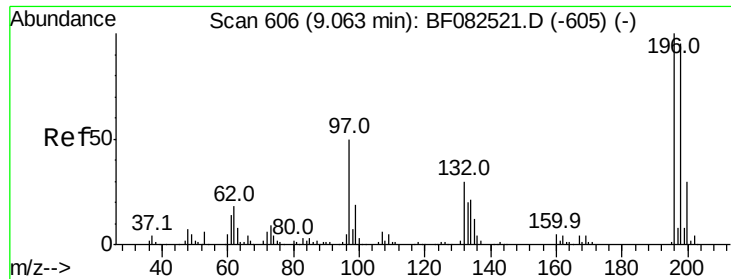
#42
 2,4,6-Trichlorophenol
 Concen: 40.16 ng
 RT: 9.02 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.1	111.1
200	30.4	23.4	35.0



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





#43

2,4,5-Trichlorophenol

Concen: 41.31 ng

RT: 9.06 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

Tot Ion:196 Resp: 150907

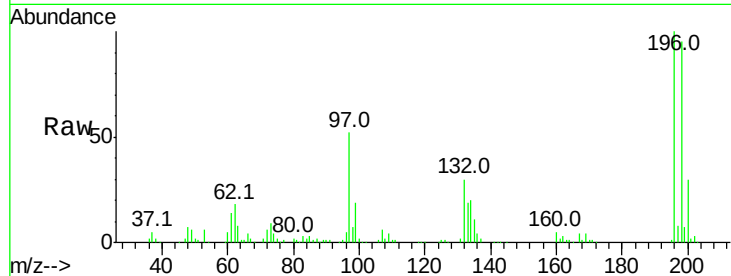
Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.2

97 51.8 40.8 61.2

132 29.8 24.6 37.0

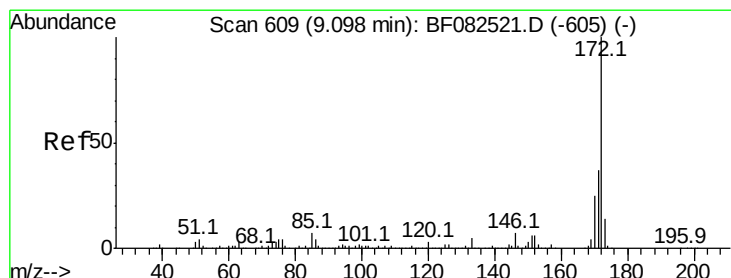
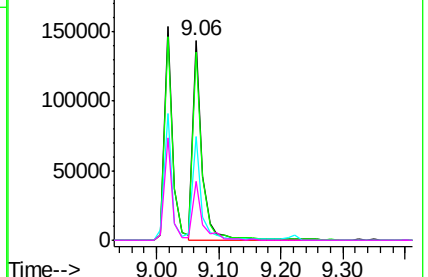
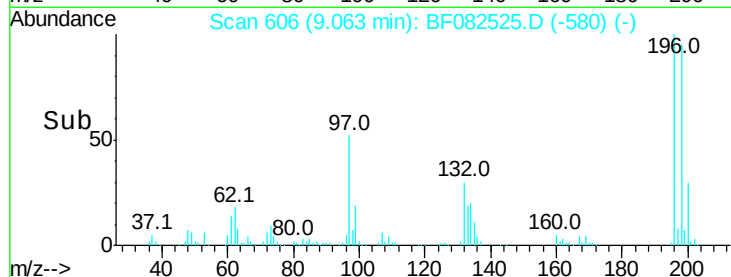


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 77.27 ng

RT: 9.10 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

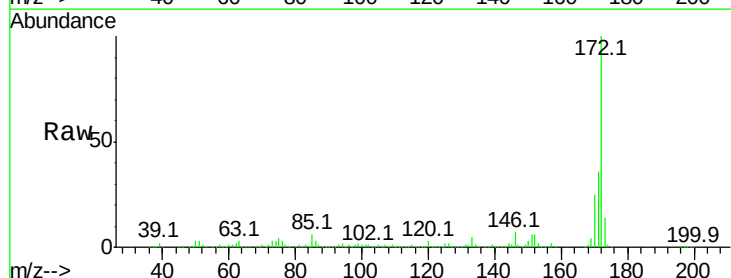
Tgt Ion:172 Resp: 899722

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

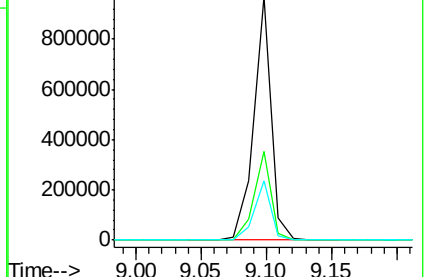
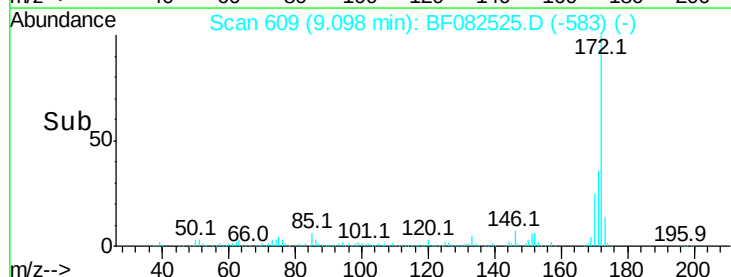
170 24.5 19.8 29.6

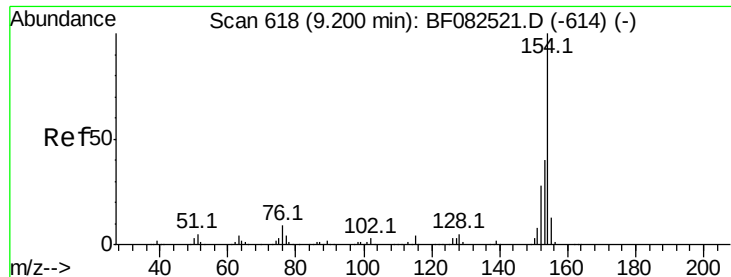


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.61 ng

RT: 9.20 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

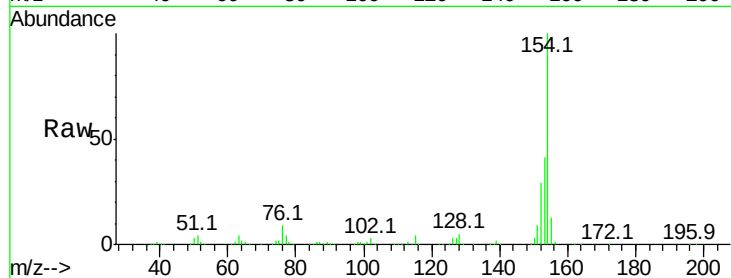
Tot Ion:154 Resp: 573309

Ion Ratio Lower Upper

154 100

153 41.1 20.4 60.4

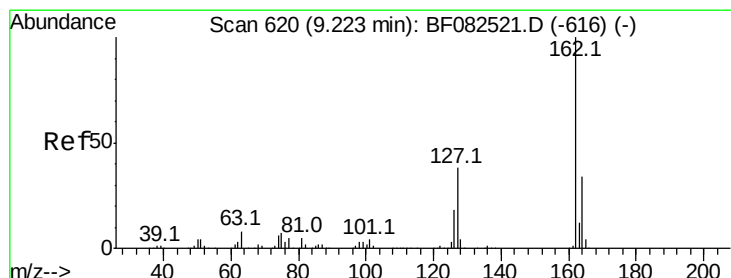
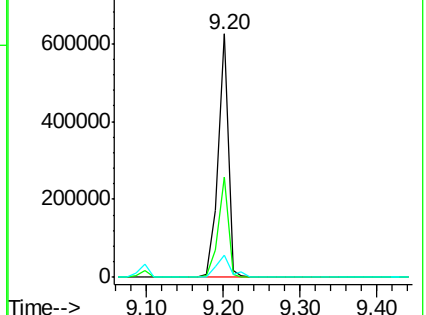
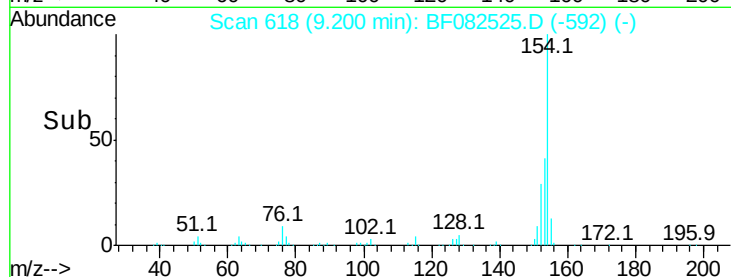
76 9.0 0.0 29.2



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: 41.21 ng

RT: 9.22 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

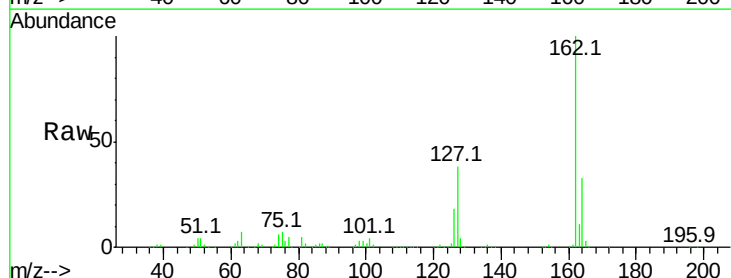
Tgt Ion:162 Resp: 447546

Ion Ratio Lower Upper

162 100

127 37.9 30.6 46.0

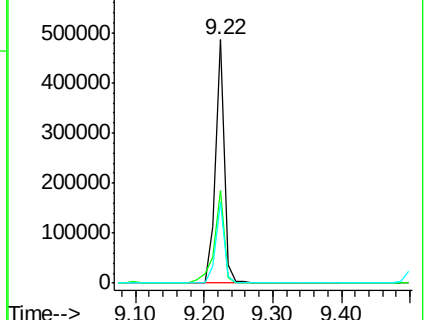
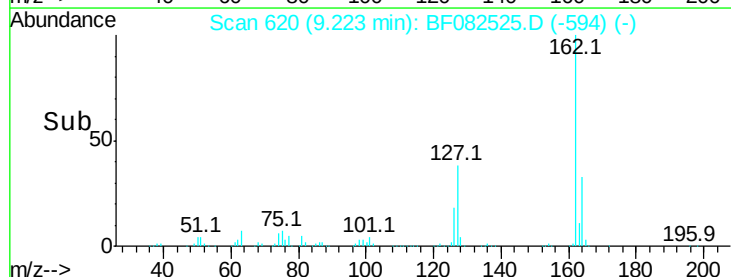
164 33.5 26.8 40.2

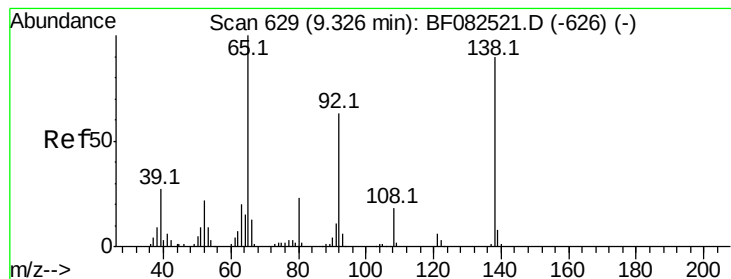


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.97 ng

RT: 9.33 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

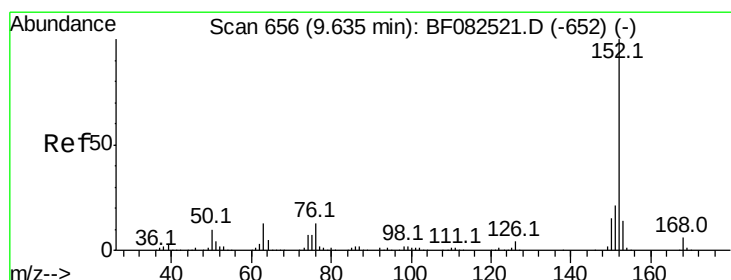
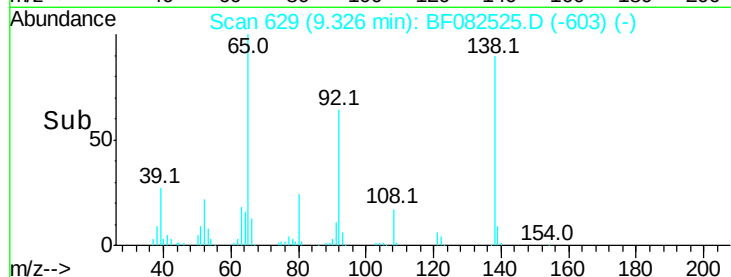
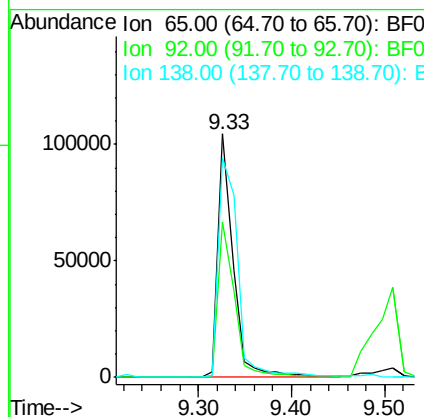
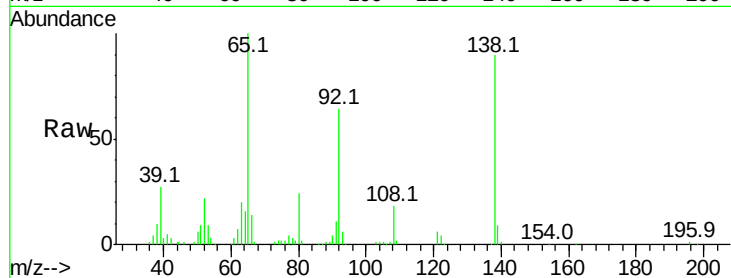
Tot Ion: 65 Resp: 119767

Ion Ratio Lower Upper

65 100

92 63.8 50.6 76.0

138 90.1 71.8 107.6



#48

Acenaphthylene

Concen: 38.32 ng

RT: 9.63 min Scan# 656

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

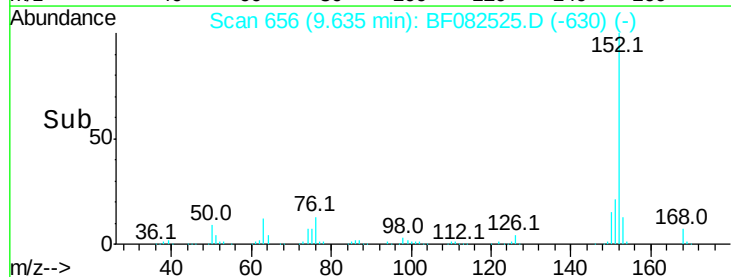
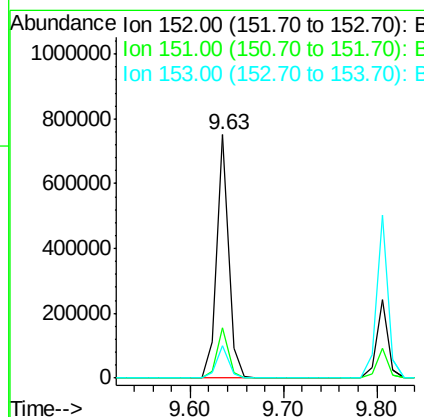
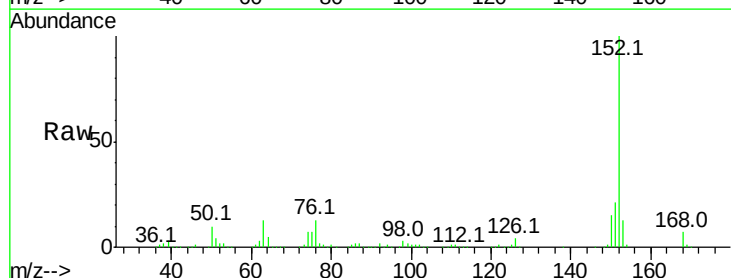
Tgt Ion: 152 Resp: 666482

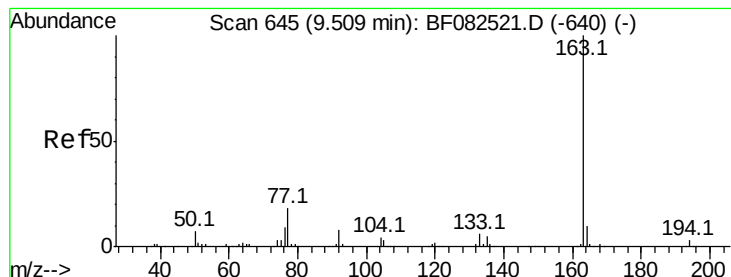
Ion Ratio Lower Upper

152 100

151 20.5 16.6 25.0

153 13.5 10.9 16.3





#49

Dimethylphthalate

Concen: 40.51 ng

RT: 9.51 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

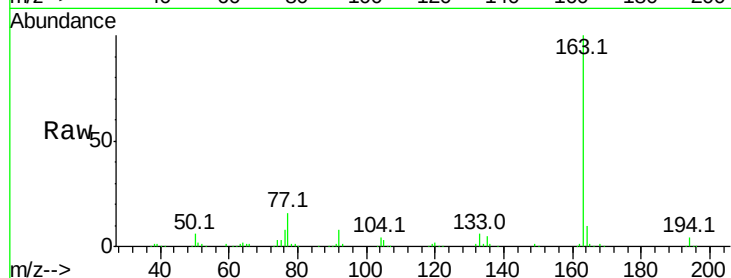
Tot Ion:163 Resp: 521922

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

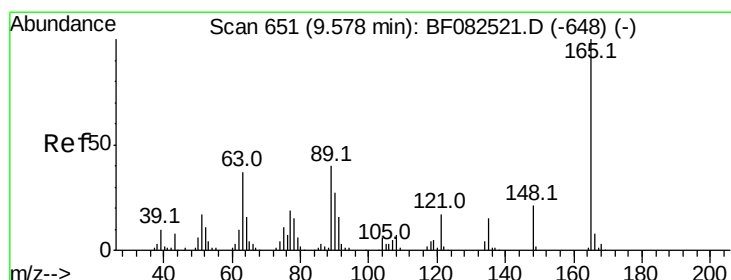
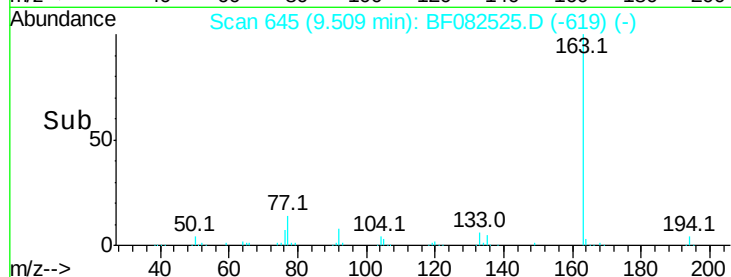
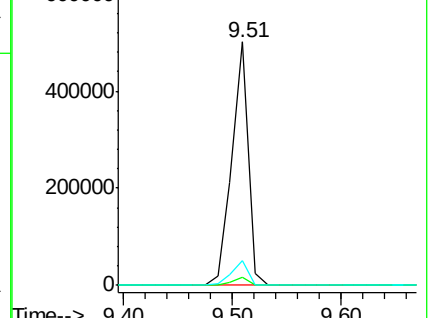
164 10.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.55 ng

RT: 9.58 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

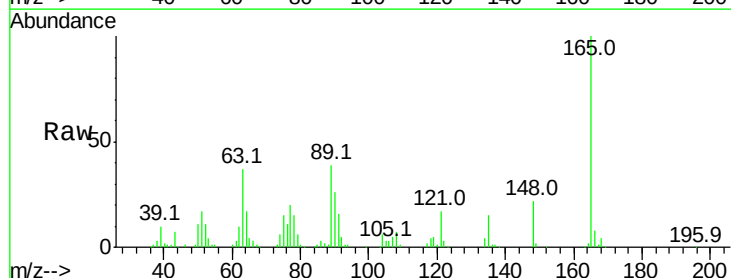
Tgt Ion:165 Resp: 117364

Ion Ratio Lower Upper

165 100

63 37.0 30.7 46.1

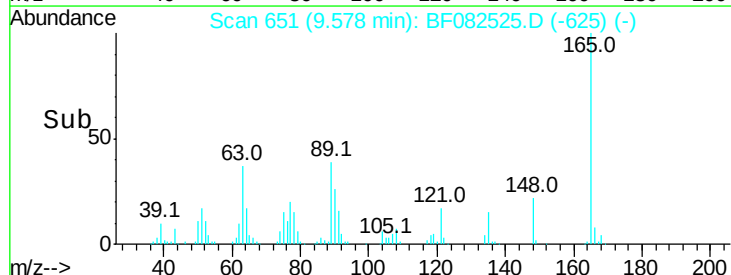
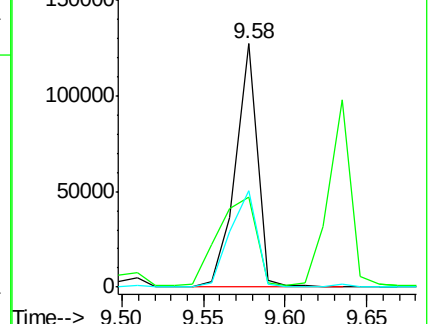
89 39.4 31.8 47.8

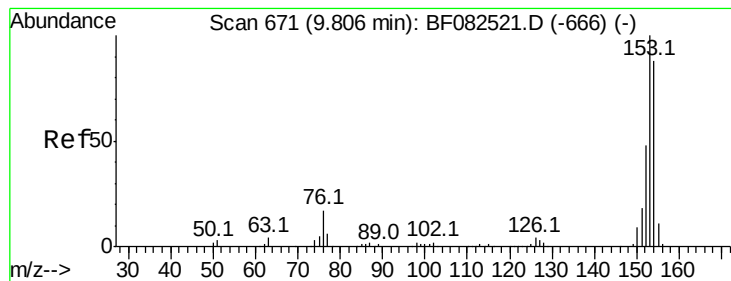


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.68 ng

RT: 9.81 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

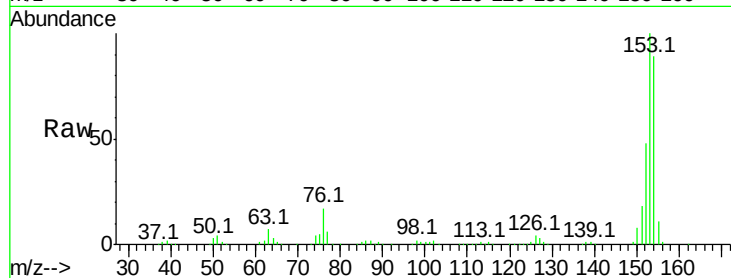
Tot Ion:154 Resp: 385902

Ion Ratio Lower Upper

154 100

153 111.9 90.7 136.1

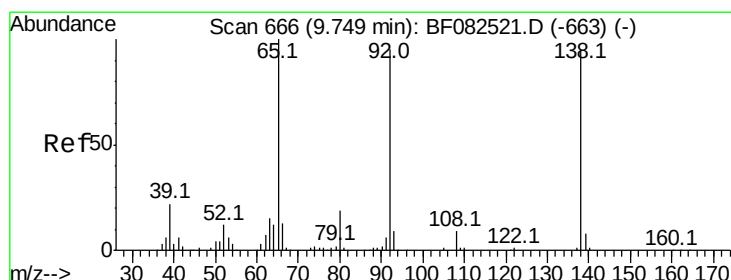
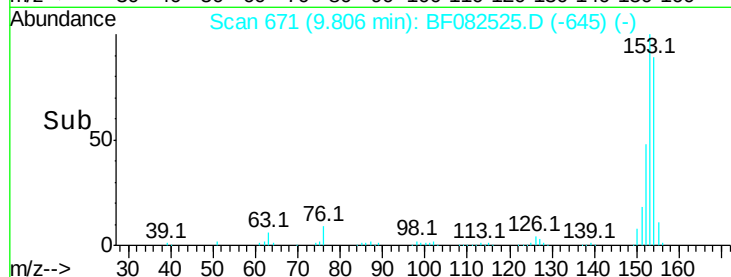
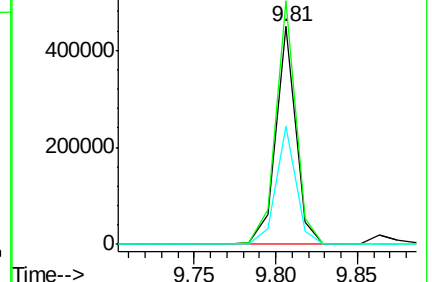
152 54.1 44.0 66.0



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: 42.05 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

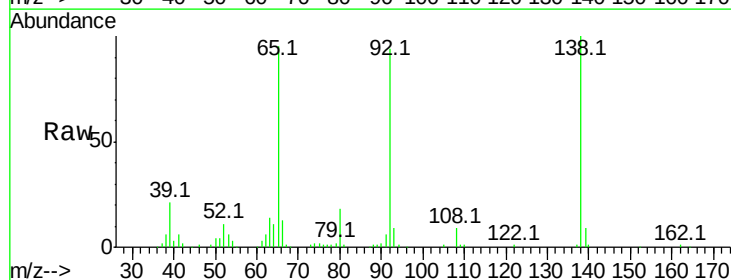
Tgt Ion:138 Resp: 128874

Ion Ratio Lower Upper

138 100

108 8.8 7.4 11.2

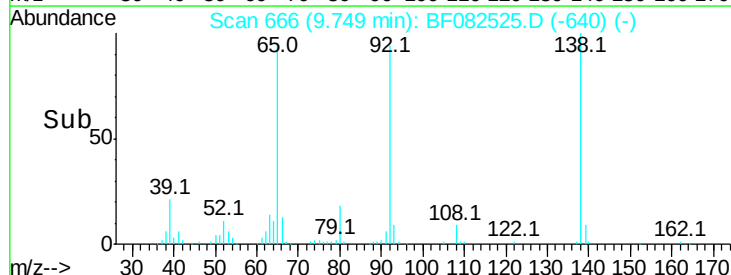
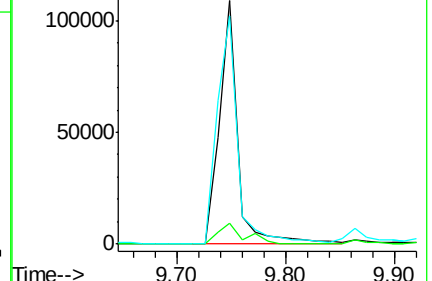
92 93.8 80.2 120.2

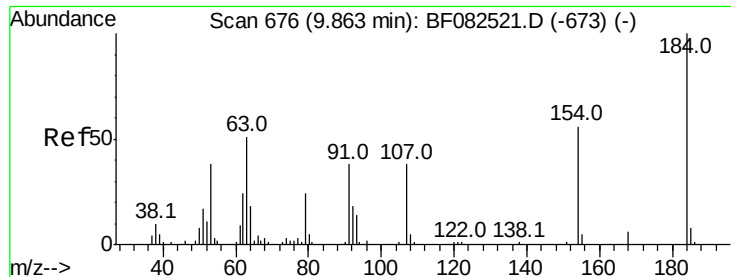


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

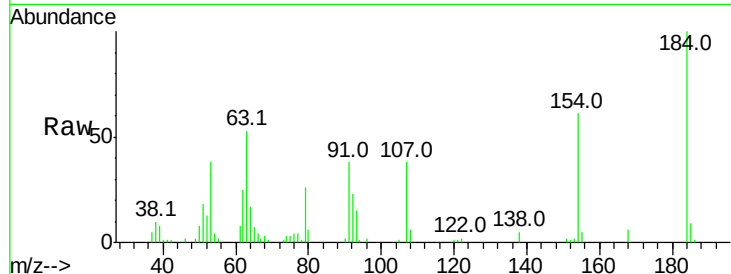




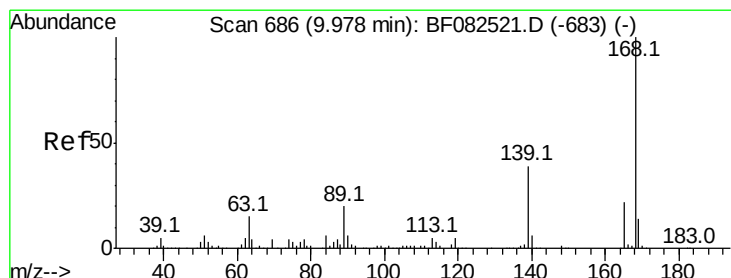
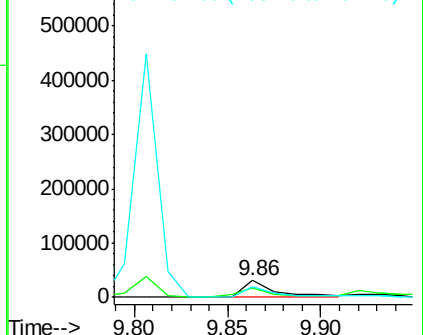
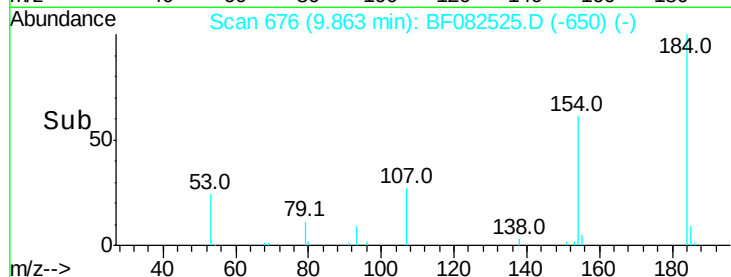
#53
 2,4-Dinitrophenol
 Concen: 38.82 ng
 RT: 9.86 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:184 Resp: 40083
 Ion Ratio Lower Upper
 184 100
 63 53.4 41.4 62.0
 154 60.7 48.2 72.2

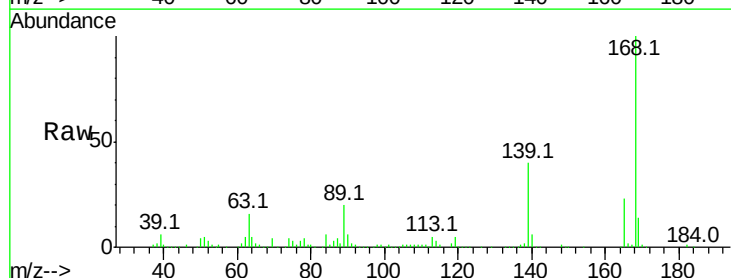


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

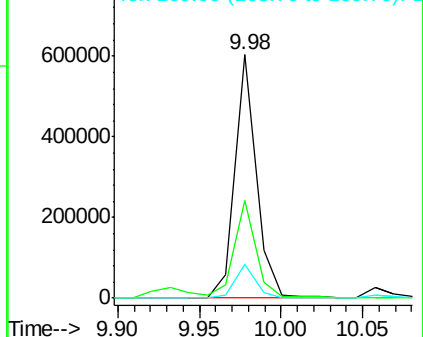
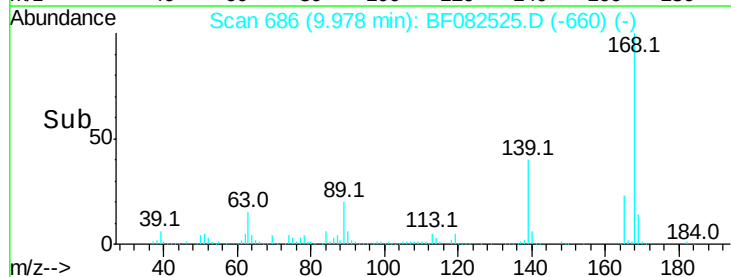


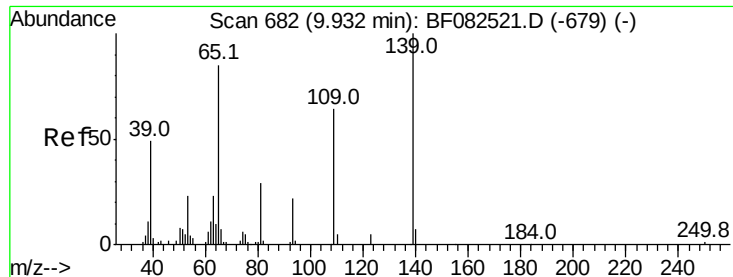
#54
 Dibenzofuran
 Concen: 37.59 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:168 Resp: 547112
 Ion Ratio Lower Upper
 168 100
 139 40.2 33.0 49.6
 169 13.8 11.0 16.4



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

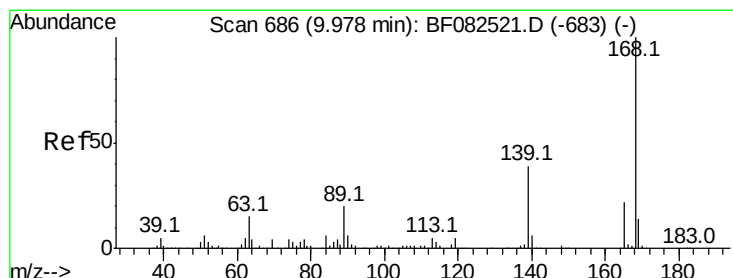
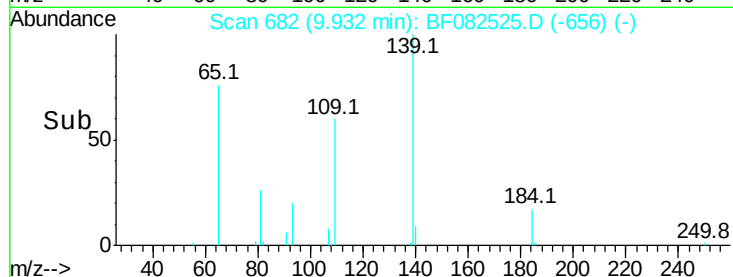
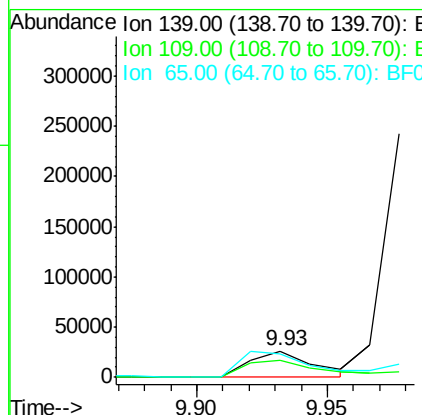
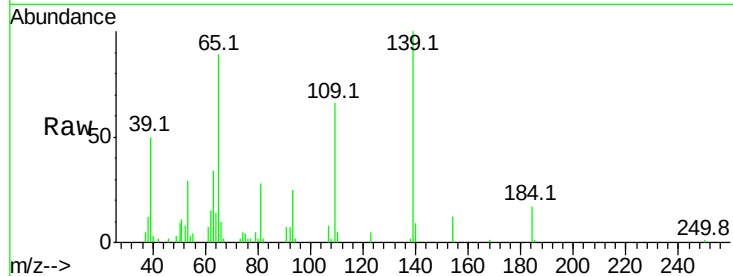




#55
4-Nitrophenol
Concen: 40.71 ng
RT: 9.93 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

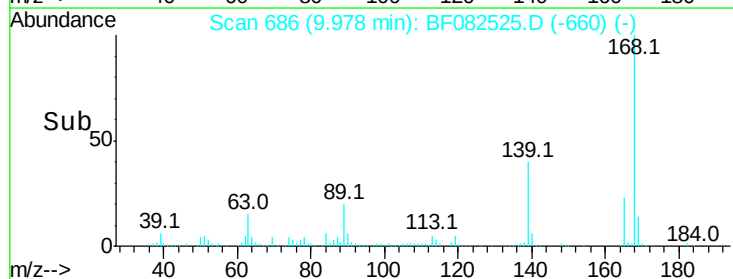
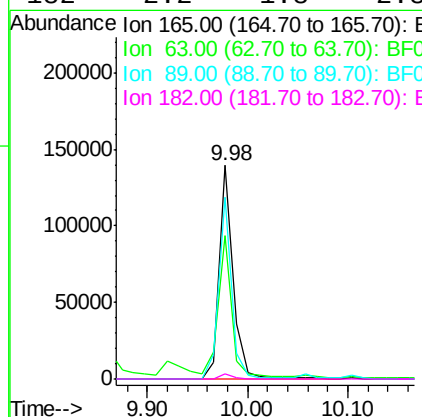
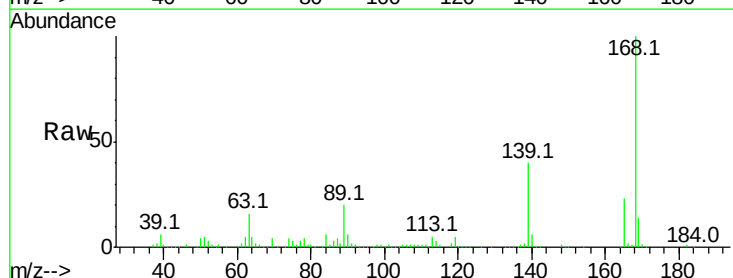
Instrument :
BNA_F
ClientSampleId :
ICVBF102615

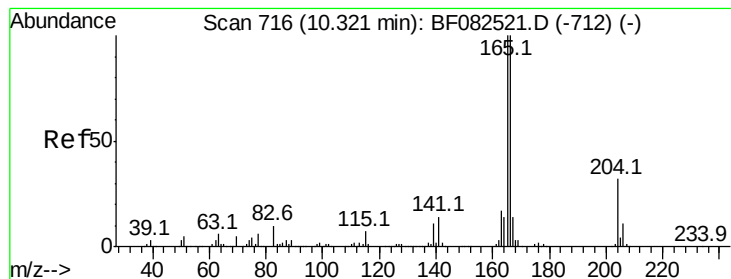
Tot Ion:139 Resp: 44299
Ion Ratio Lower Upper
139 100
109 66.0 44.2 84.2
65 88.6 68.1 108.1



#56
2,4-Dinitrotoluene
Concen: 39.56 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion:165 Resp: 135529
Ion Ratio Lower Upper
165 100
63 67.2 58.6 88.0
89 85.0 72.3 108.5
182 2.2 1.8 2.8





#57

Fluorene

Concen: 37.96 ng

RT: 10.32 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

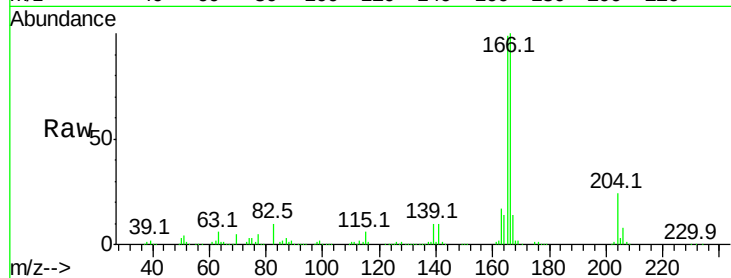
Tot Ion:166 Resp: 453554

Ion Ratio Lower Upper

166 100

165 99.4 79.7 119.5

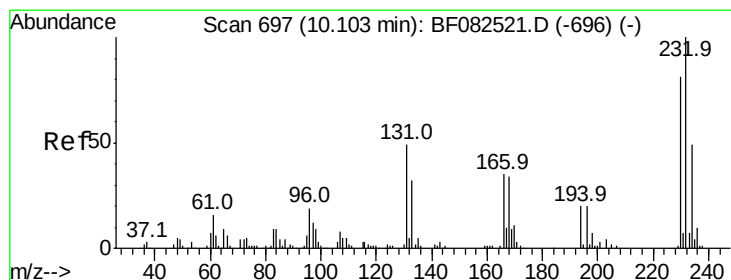
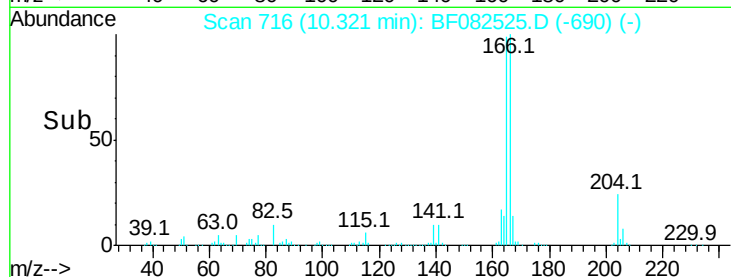
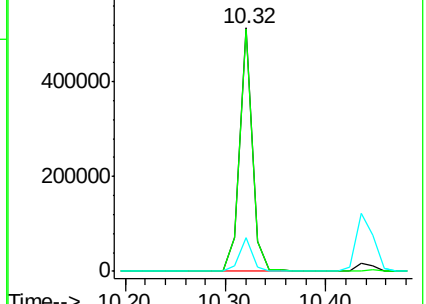
167 13.8 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.21 ng

RT: 10.10 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Tgt Ion:232 Resp: 120840

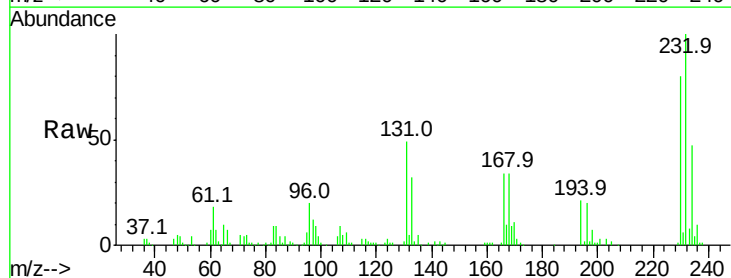
Ion Ratio Lower Upper

232 100

131 45.1 36.4 54.6

130 1.8 1.7 2.5

166 32.7 25.4 38.0

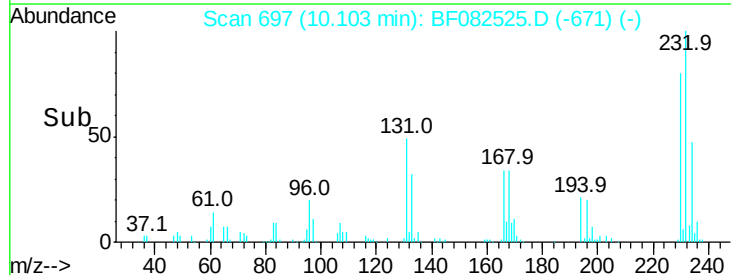
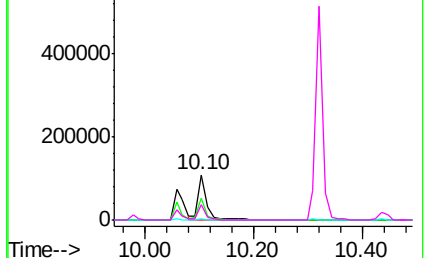


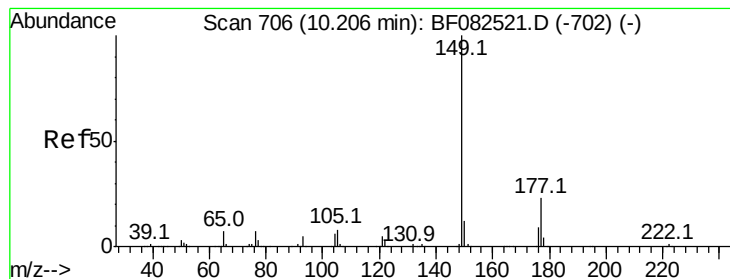
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.37 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

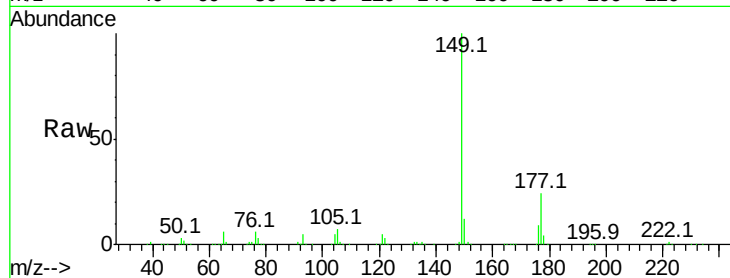
Tot Ion:149 Resp: 493652

Ion Ratio Lower Upper

149 100

177 24.3 18.6 28.0

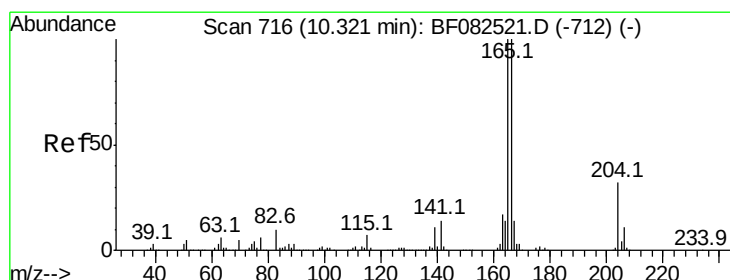
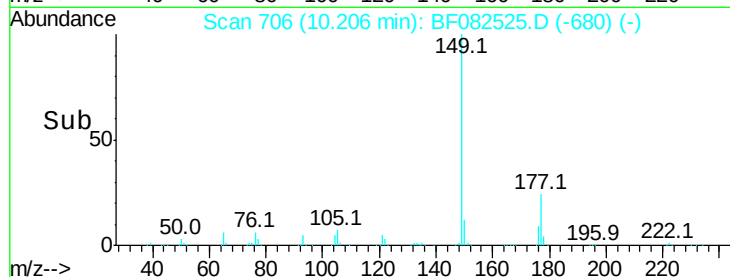
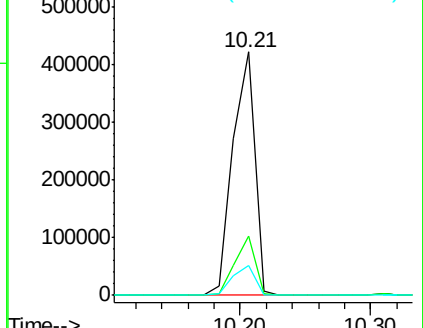
150 12.2 9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.67 ng

RT: 10.31 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

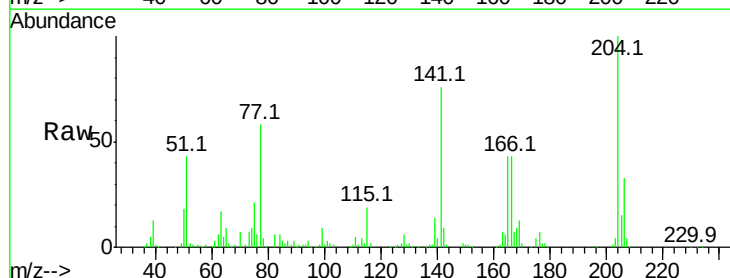
Tgt Ion:204 Resp: 206053

Ion Ratio Lower Upper

204 100

206 33.2 27.7 41.5

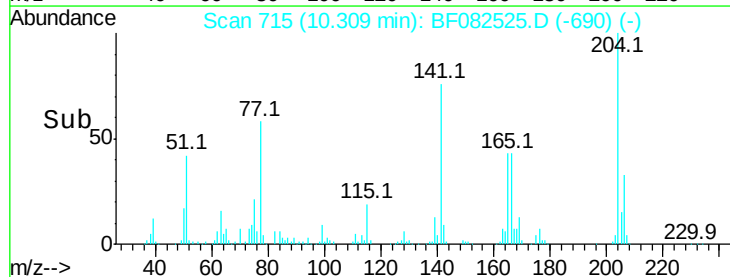
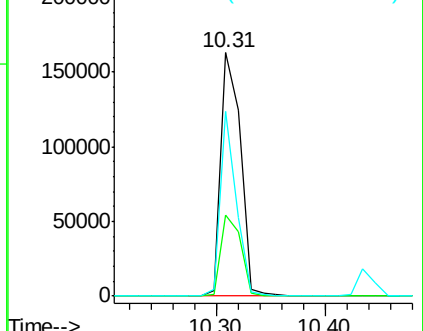
141 75.7 33.9 50.9#

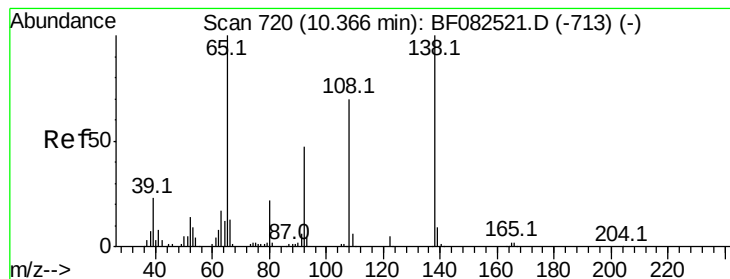


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.61 ng

RT: 10.37 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

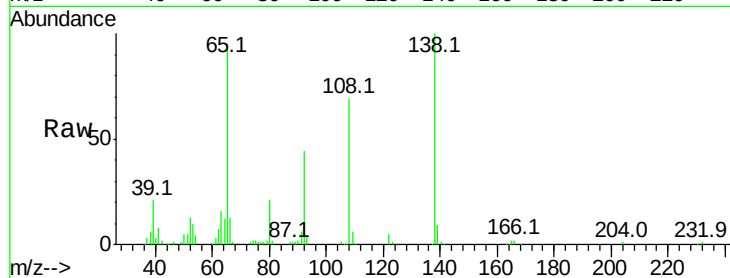
Tot Ion:138 Resp: 130803

Ion Ratio Lower Upper

138 100

92 44.5 27.3 67.3

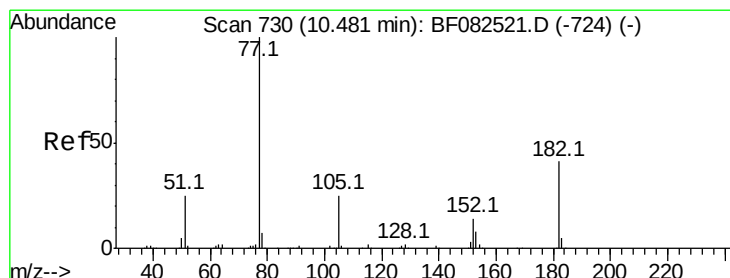
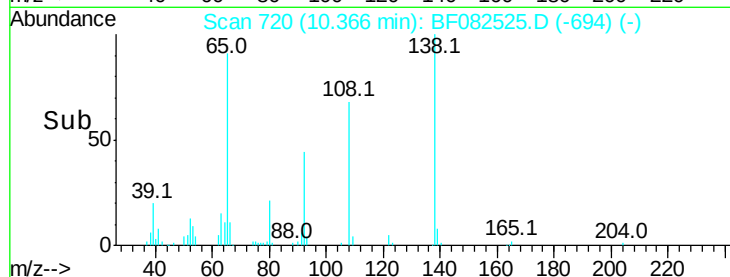
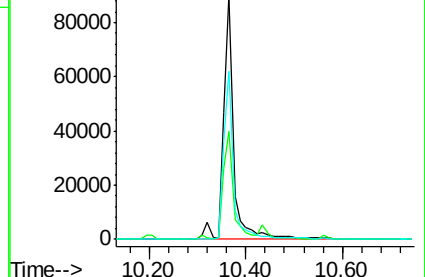
108 69.2 49.8 89.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.43 ng

RT: 10.47 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Tgt Ion: 77 Resp: 441165

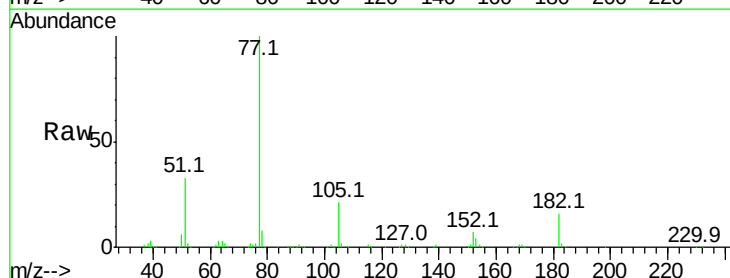
Ion Ratio Lower Upper

77 100

182 16.3 20.8 60.8#

105 20.5 5.8 45.8

51 32.8 5.3 45.3

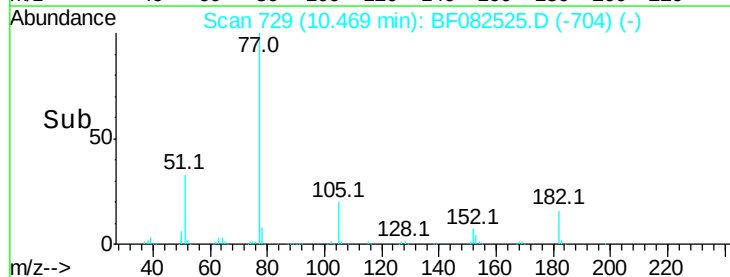
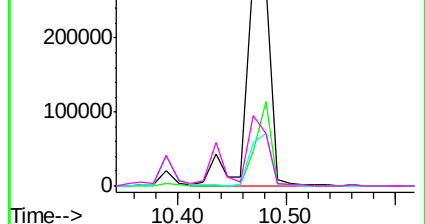


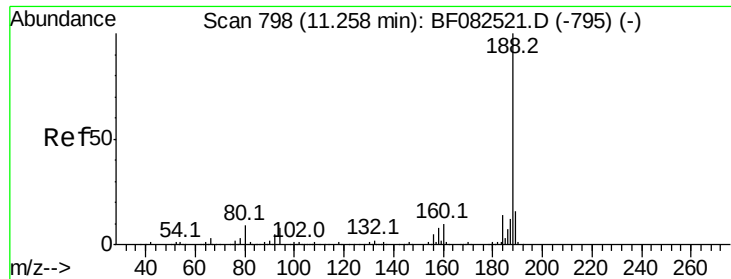
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

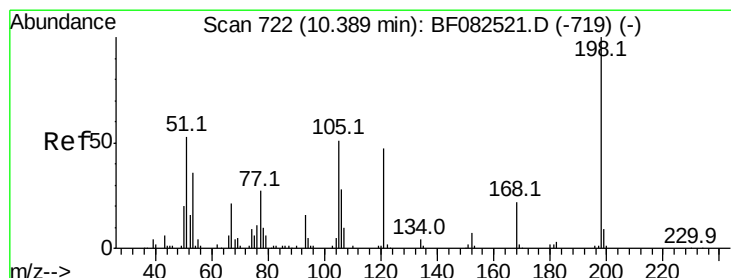
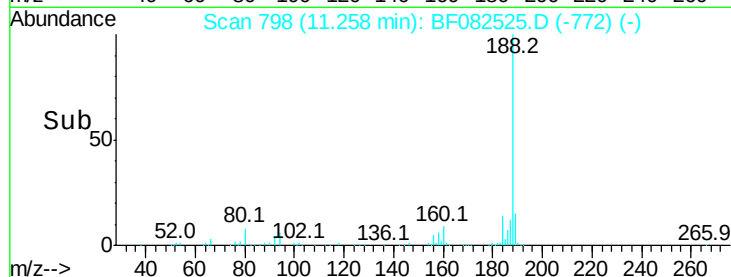
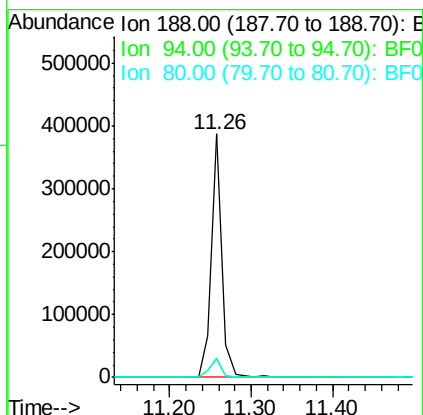
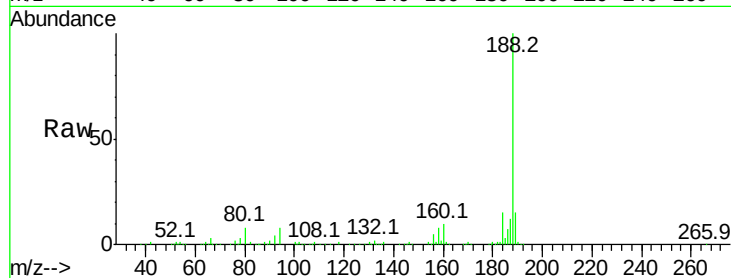




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

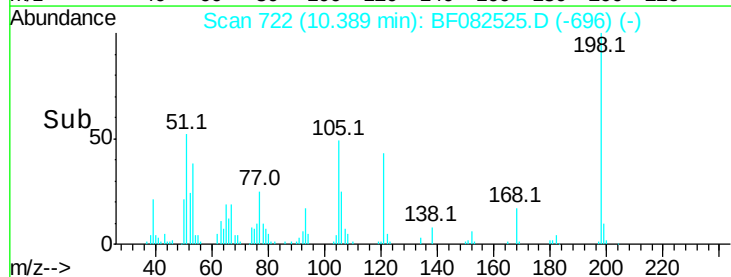
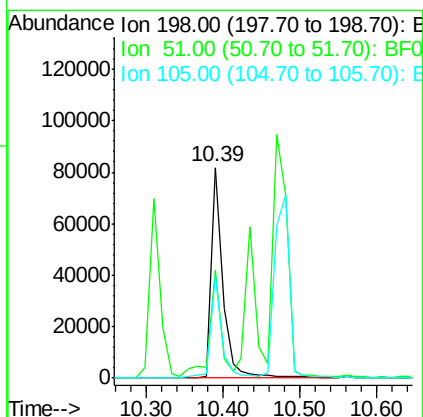
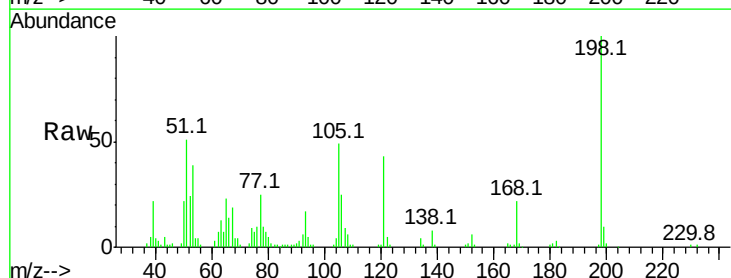
Instrument :
BNA_F
ClientSampleId :
ICVBF102615

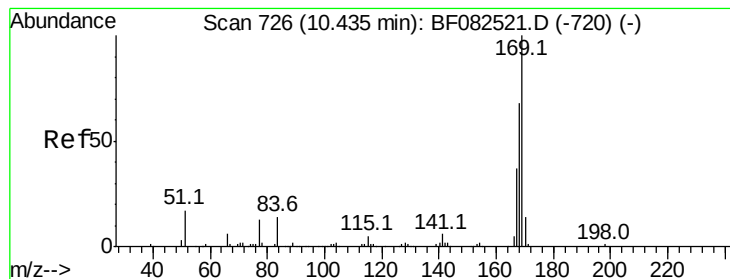
Tot Ion:188 Resp: 356231
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.2 7.0 10.6



#64
4,6-Dinitro-2-methylphenol
Concen: 41.15 ng
RT: 10.39 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion:198 Resp: 86002
Ion Ratio Lower Upper
198 100
51 51.5 38.2 78.2
105 48.6 32.2 72.2





#65

n-Nitrosodiphenylamine

Concen: 36.12 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

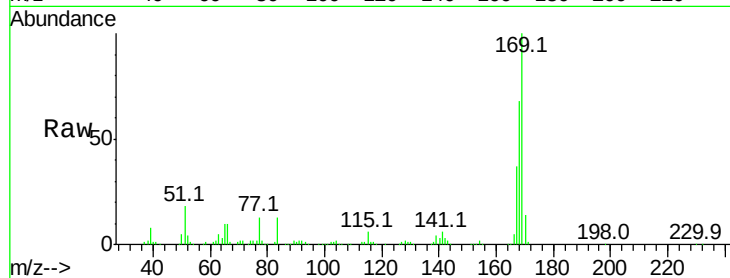
Tot Ion:169 Resp: 389264

Ion Ratio Lower Upper

169 100

168 68.0 54.8 82.2

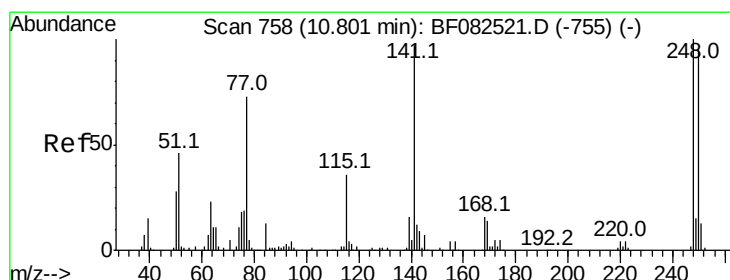
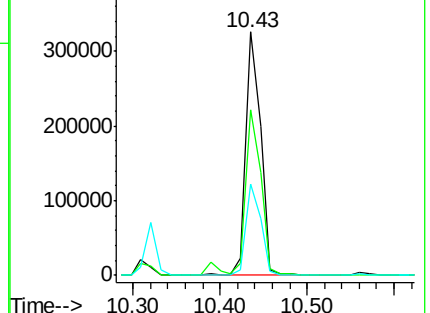
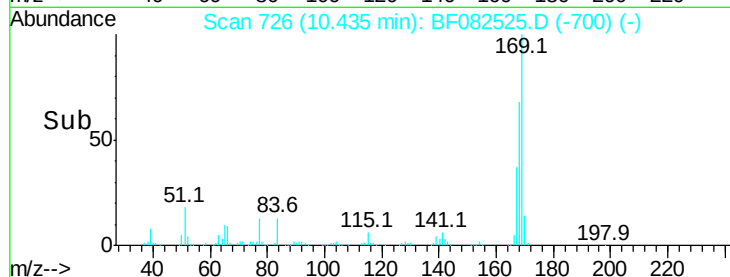
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.78 ng

RT: 10.80 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

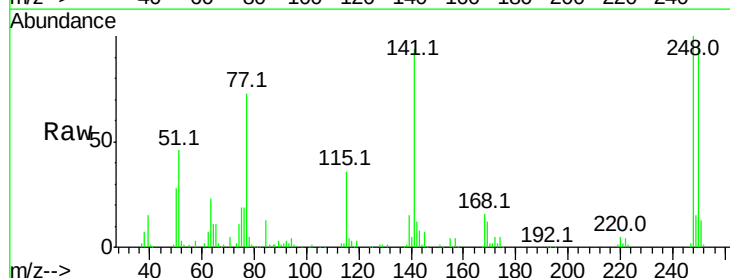
Tgt Ion:248 Resp: 122969

Ion Ratio Lower Upper

248 100

250 95.9 76.0 114.0

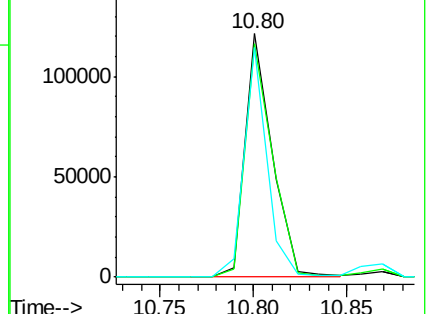
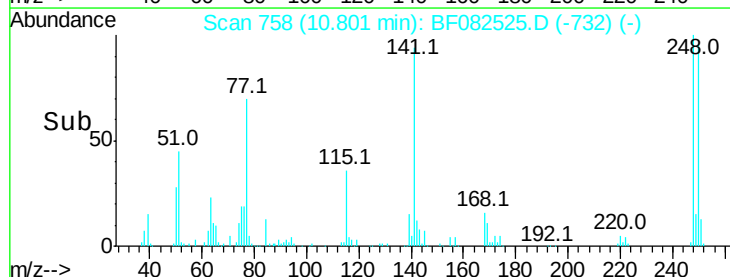
141 94.5 77.5 116.3

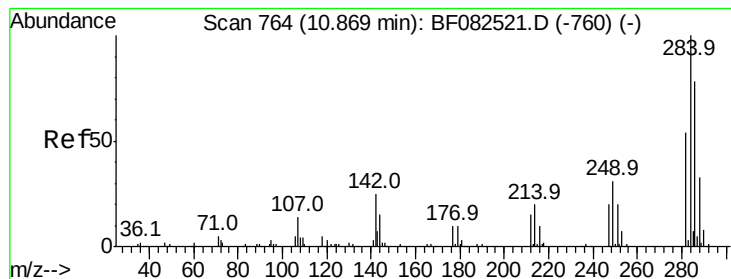


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.62 ng

RT: 10.87 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

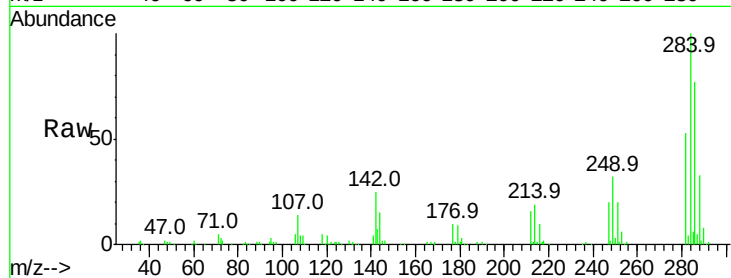
Tot Ion:284 Resp: 148384

Ion Ratio Lower Upper

284 100

142 24.6 20.3 30.5

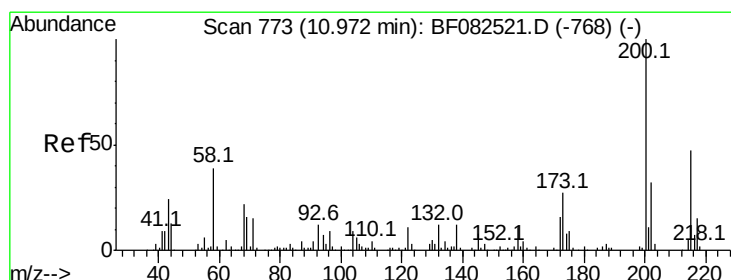
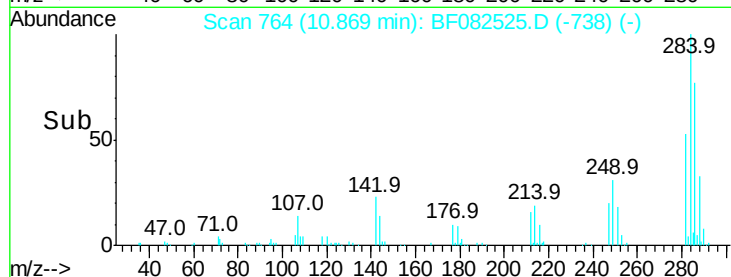
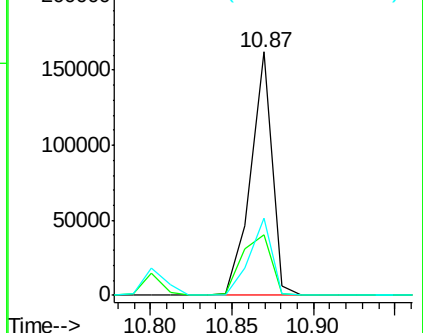
249 32.0 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.47 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

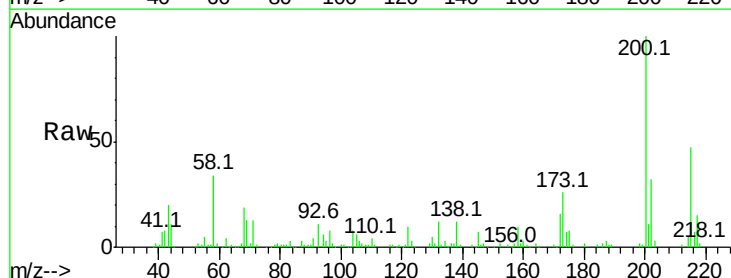
Tgt Ion:200 Resp: 138379

Ion Ratio Lower Upper

200 100

173 25.6 7.2 47.2

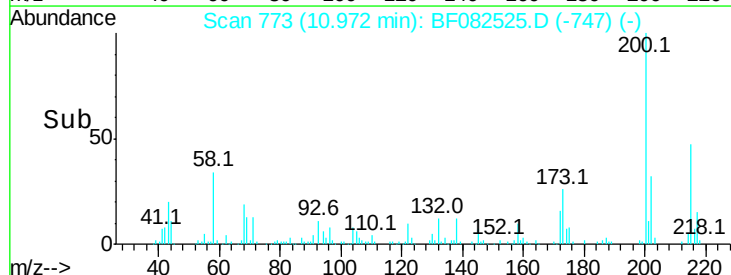
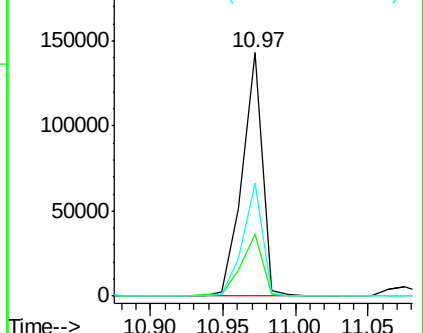
215 46.6 27.0 67.0

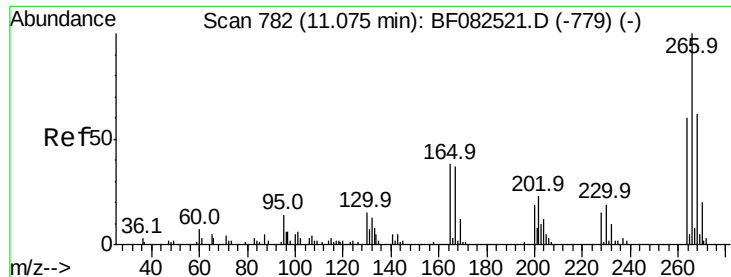


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

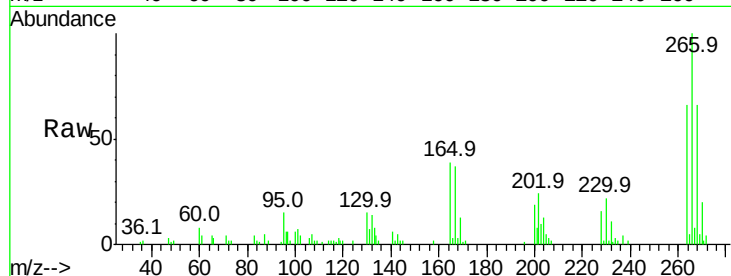




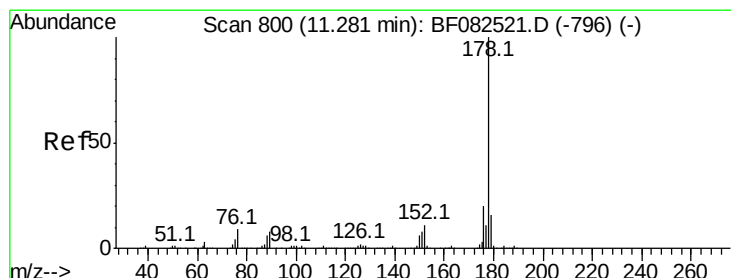
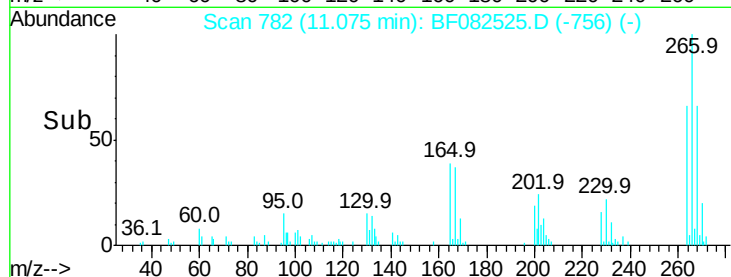
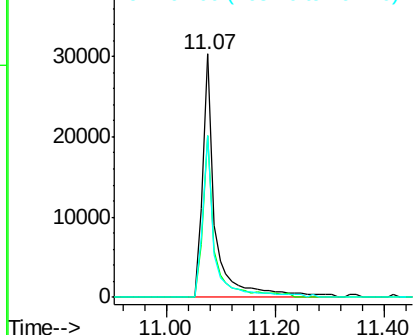
#69
 Pentachlorophenol
 Concen: 37.87 ng
 RT: 11.07 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:266 Resp: 48914
 Ion Ratio Lower Upper
 266 100
 268 66.3 49.5 74.3
 264 66.3 48.0 72.0

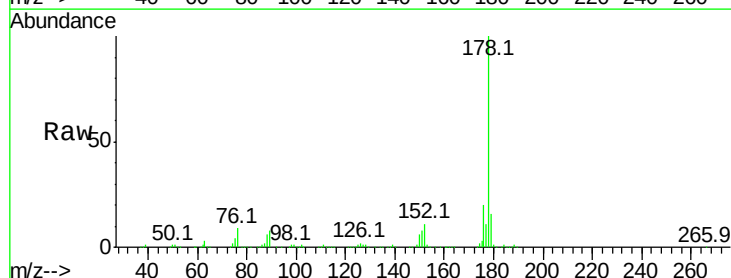


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

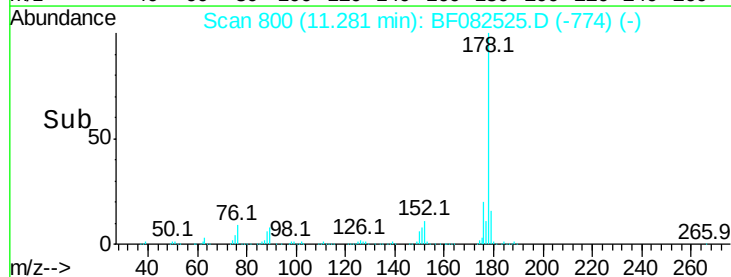
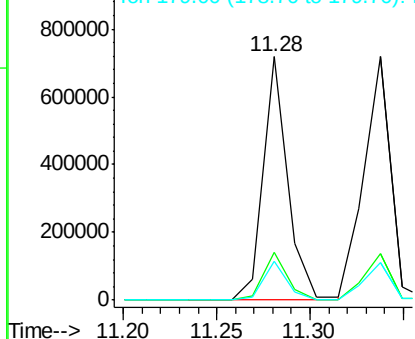


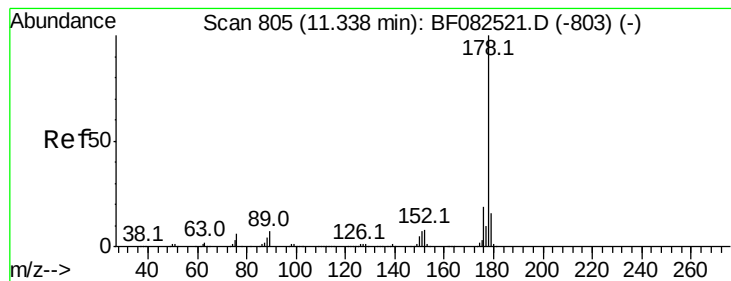
#70
 Phenanthrene
 Concen: 36.12 ng
 RT: 11.28 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:178 Resp: 662267
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.9 23.9
 179 15.9 12.8 19.2



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





#71

Anthracene

Concen: 39.56 ng

RT: 11.34 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

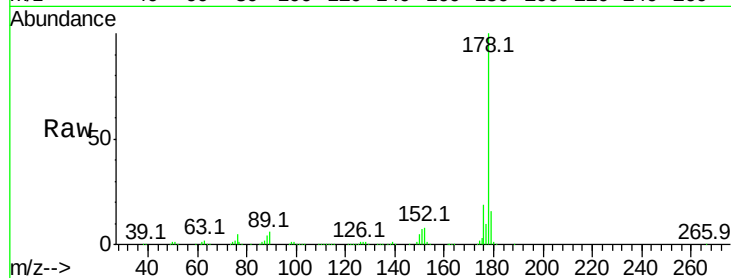
Tot Ion:178 Resp: 730301

Ion Ratio Lower Upper

178 100

176 19.1 15.2 22.8

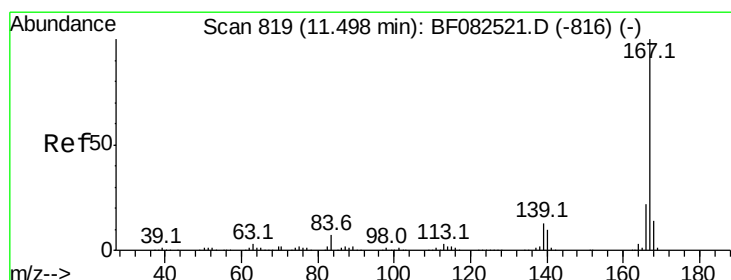
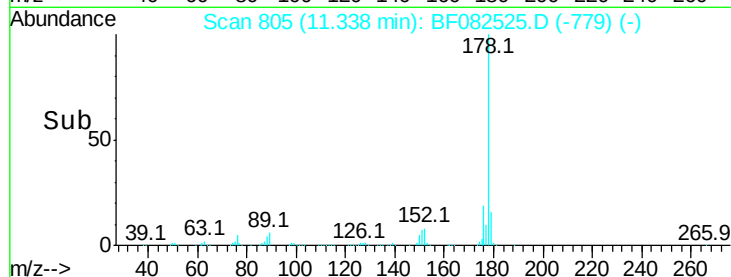
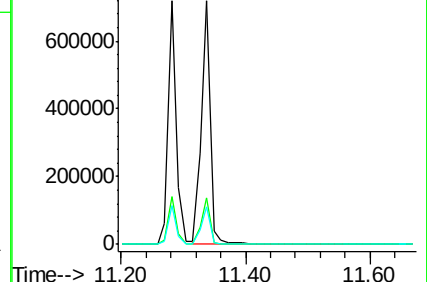
179 15.7 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.10 ng

RT: 11.50 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

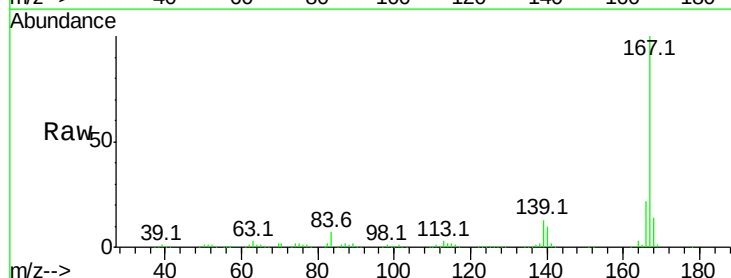
Tgt Ion:167 Resp: 652835

Ion Ratio Lower Upper

167 100

166 21.9 17.9 26.9

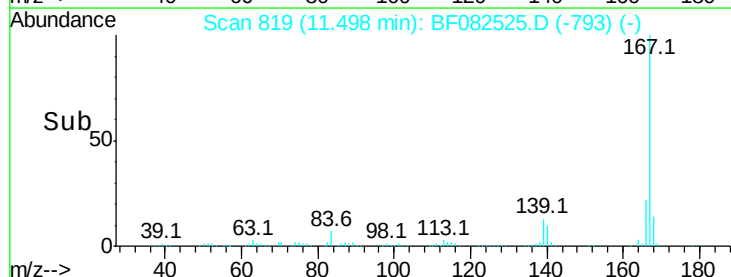
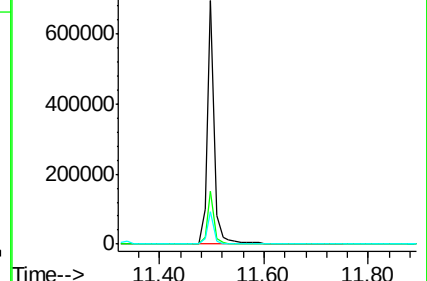
139 13.4 10.4 15.6

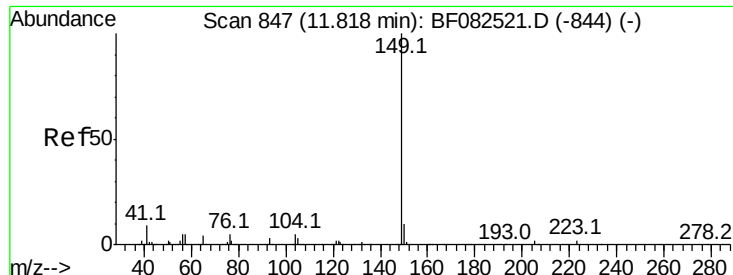


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.31 ng

RT: 11.82 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

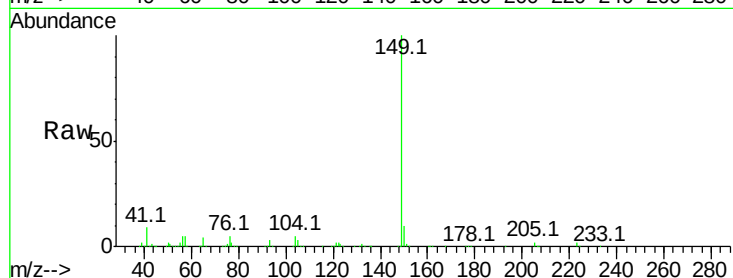
Tot Ion:149 Resp: 705068

Ion Ratio Lower Upper

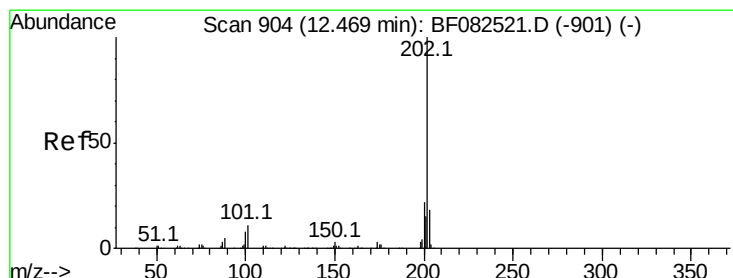
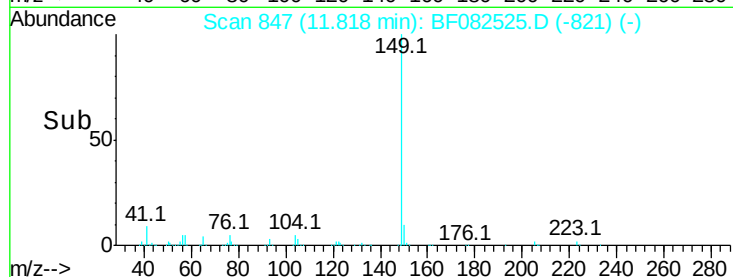
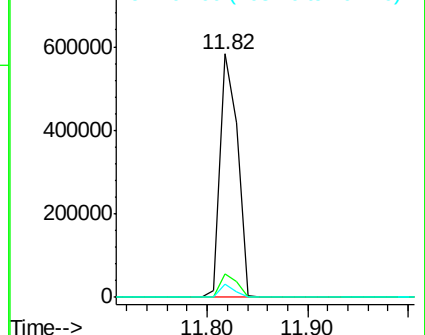
149 100

150 9.6 7.8 11.6

104 5.2 4.2 6.4



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



#74

Fluoranthene

Concen: 37.86 ng

RT: 12.47 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

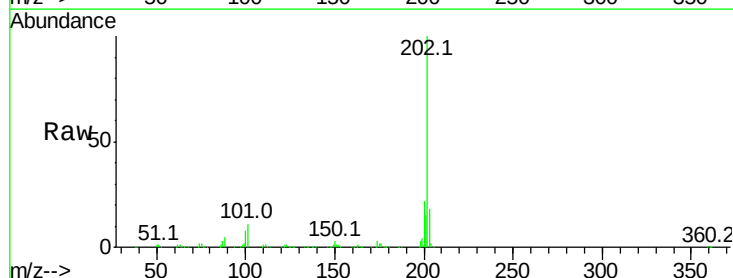
Tgt Ion:202 Resp: 712522

Ion Ratio Lower Upper

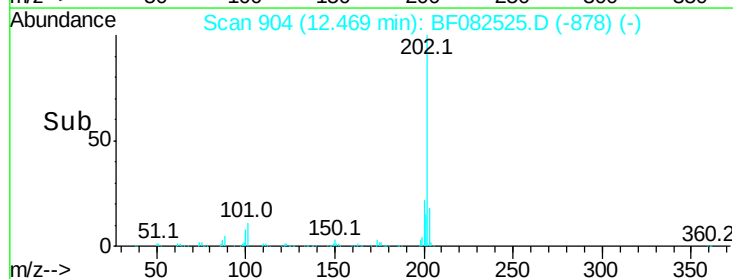
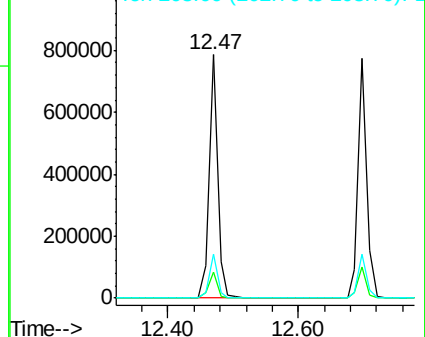
202 100

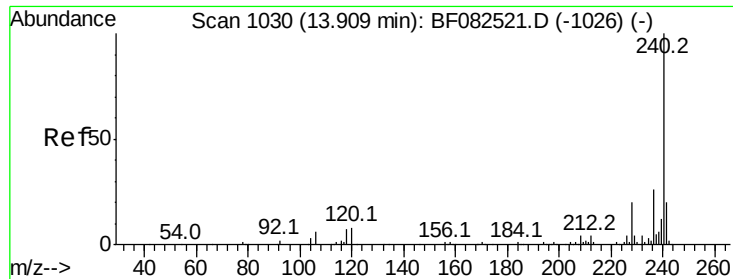
101 10.8 0.0 31.2

203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

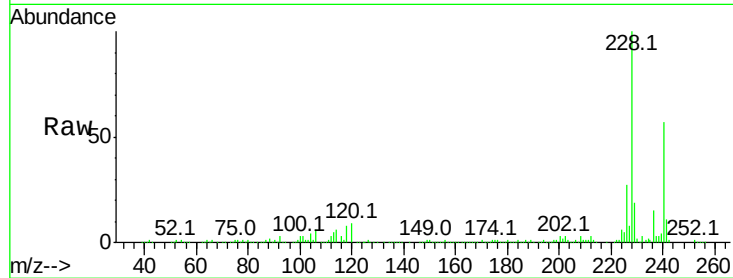
Tot Ion:240 Resp: 294629

Ion Ratio Lower Upper

240 100

120 15.3 6.5 9.7#

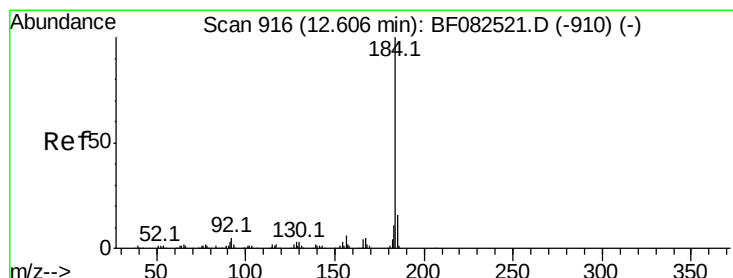
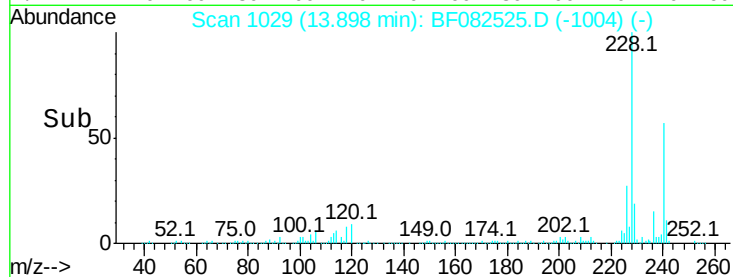
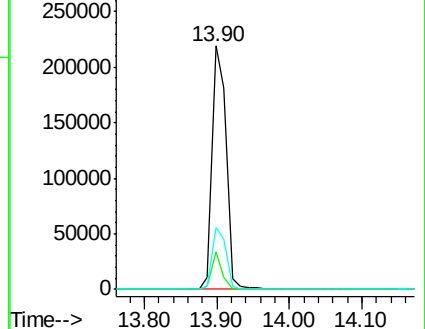
236 25.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.99 ng

RT: 12.61 min Scan# 916

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

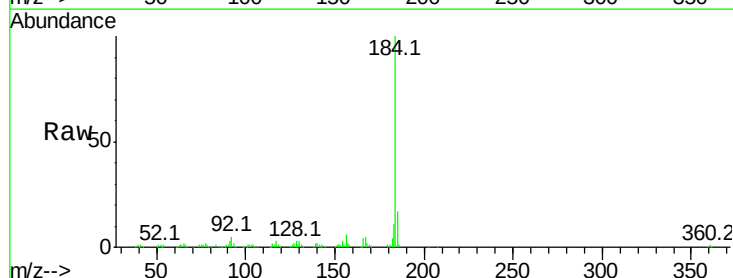
Tgt Ion:184 Resp: 347614

Ion Ratio Lower Upper

184 100

185 16.8 12.8 19.2

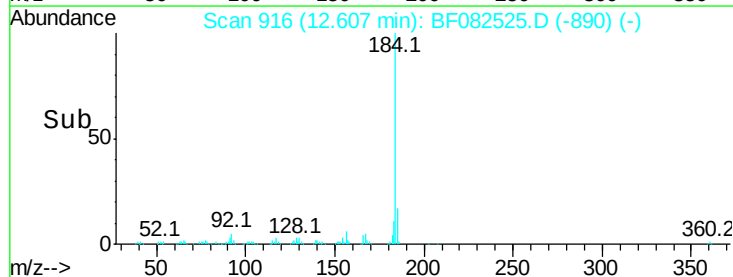
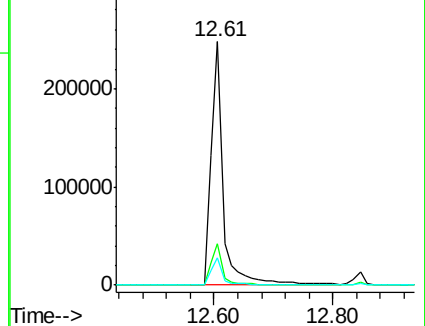
183 11.3 8.9 13.3

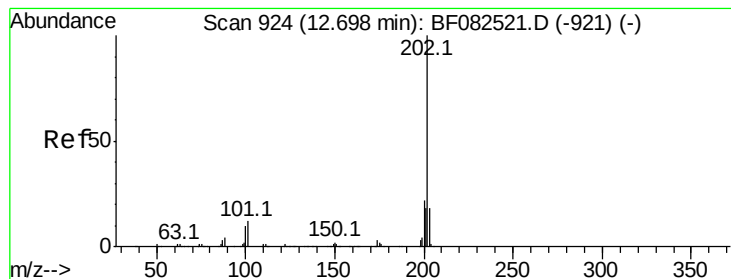


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.14 ng

RT: 12.70 min Scan# 924

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

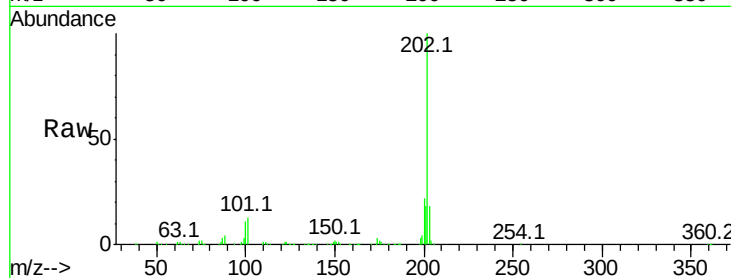
Tot Ion:202 Resp: 709375

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

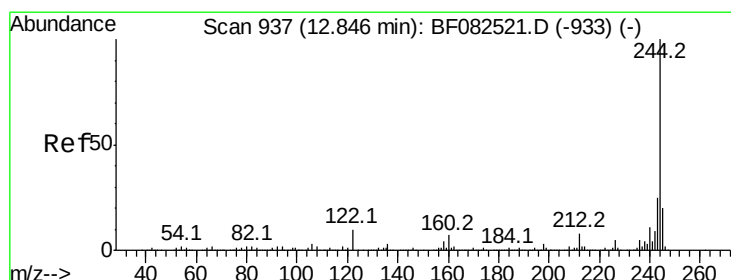
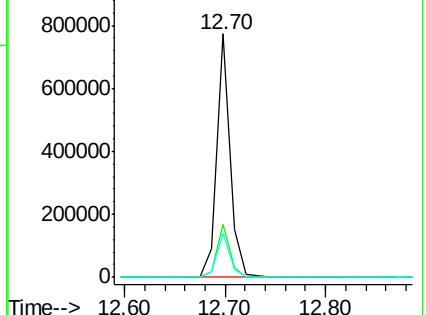
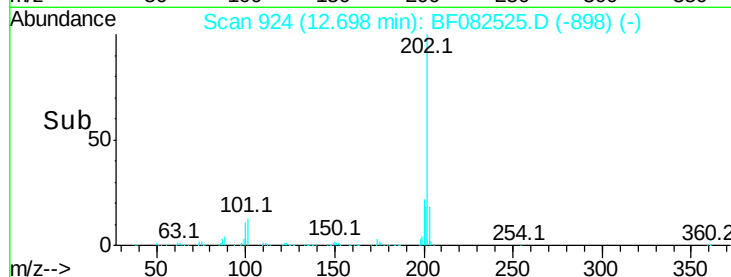
203 18.1 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.00 ng

RT: 12.85 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

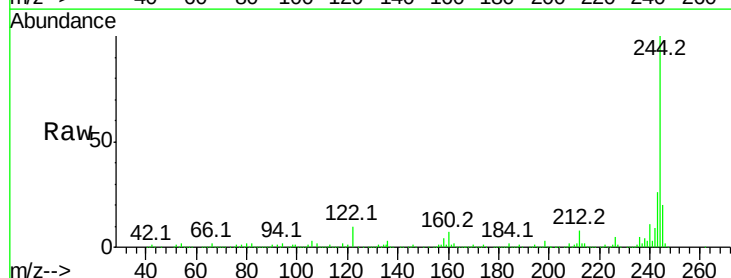
Tgt Ion:244 Resp: 869314

Ion Ratio Lower Upper

244 100

212 8.0 6.4 9.6

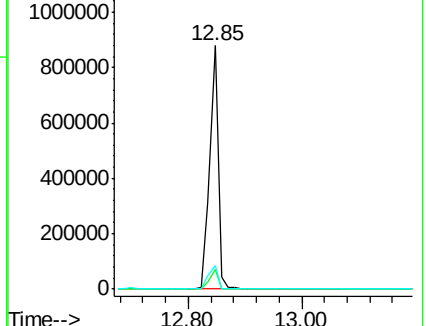
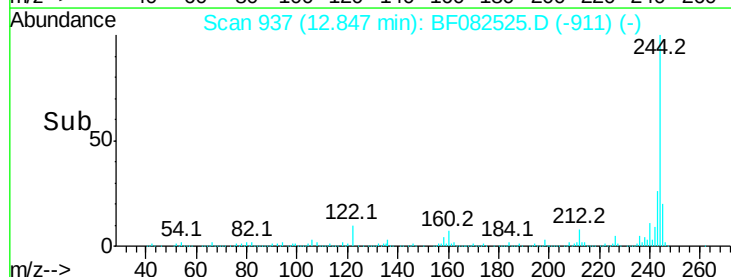
122 9.6 8.1 12.1

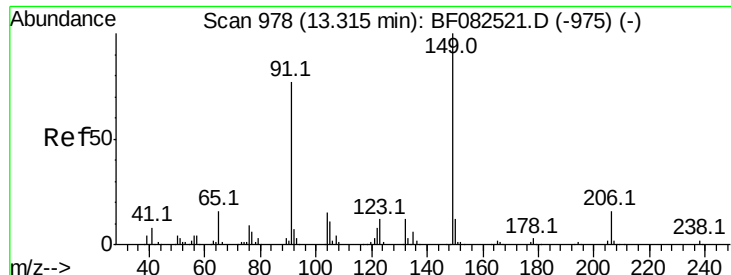


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

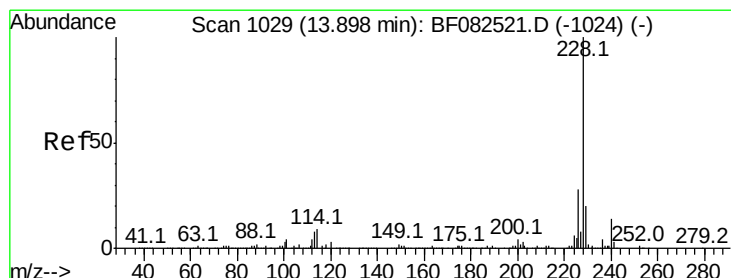
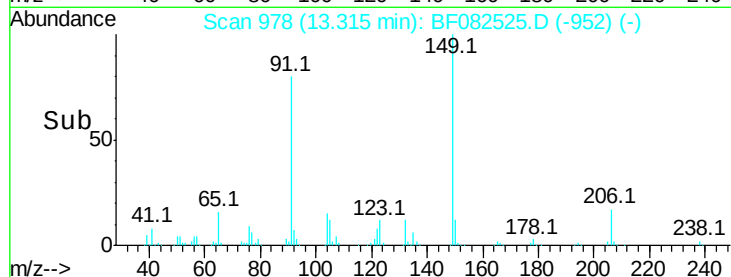
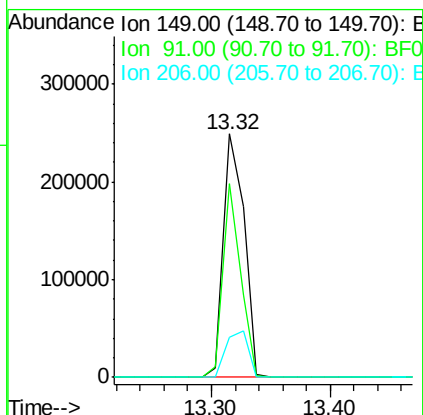
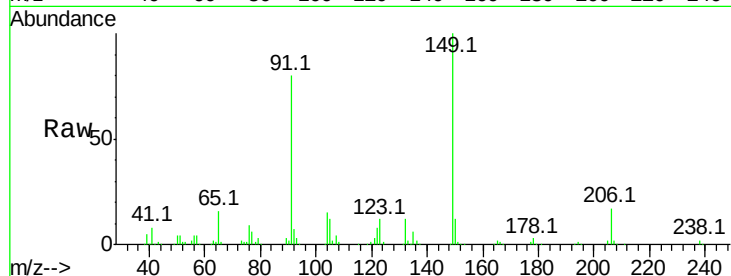




#79
Butylbenzylphthalate
Concen: 39.46 ng
RT: 13.32 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

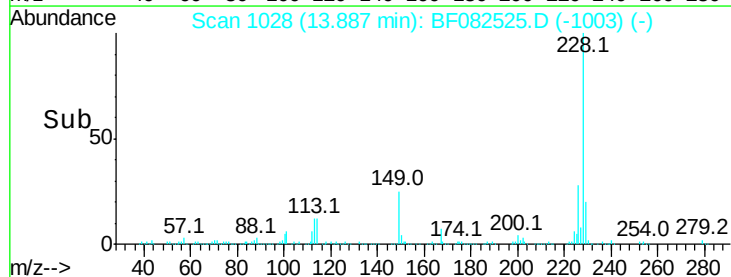
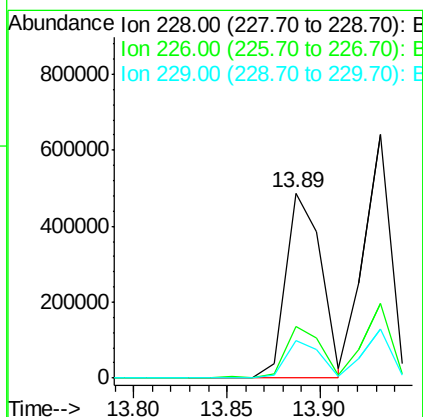
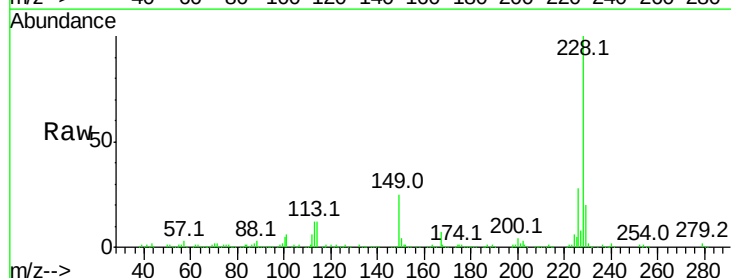
Instrument :
BNA_F
ClientSampleId :
ICVBF102615

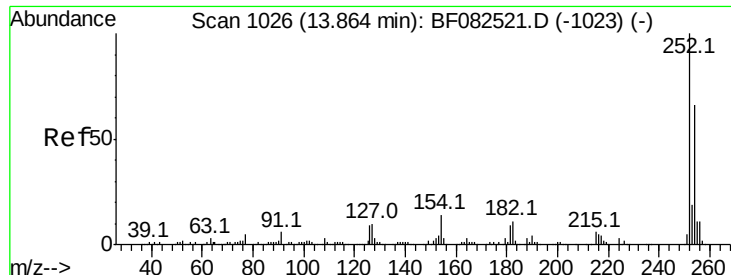
Tot Ion:149 Resp: 300668
Ion Ratio Lower Upper
149 100
91 79.7 62.0 93.0
206 16.5 13.0 19.4



#80
Benzo(a)anthracene
Concen: 40.63 ng
RT: 13.89 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion:228 Resp: 641743
Ion Ratio Lower Upper
228 100
226 27.9 22.1 33.1
229 20.5 16.1 24.1

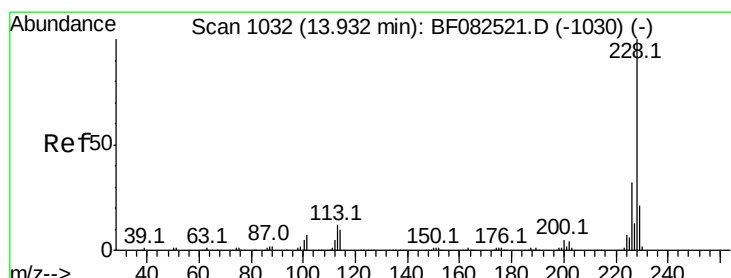
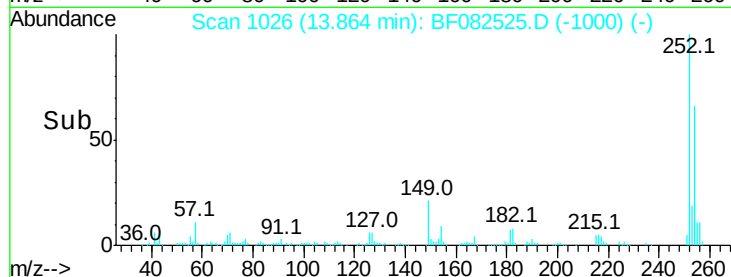
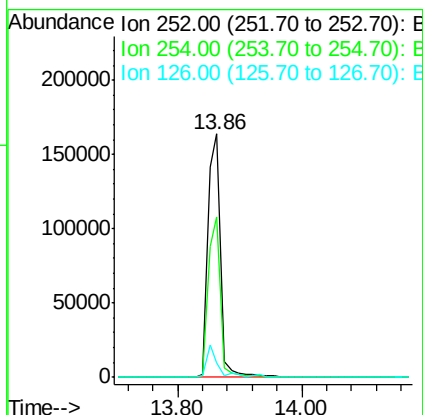
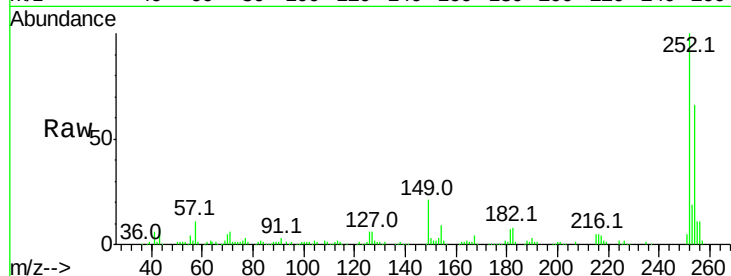




#81
 3,3'-Dichlorobenzidine
 Concen: 41.90 ng
 RT: 13.86 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

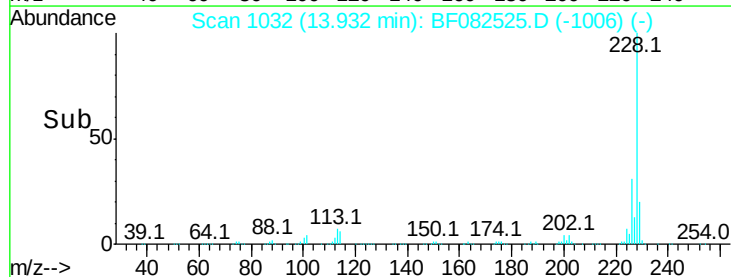
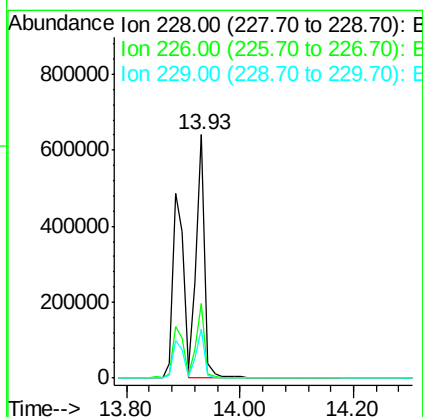
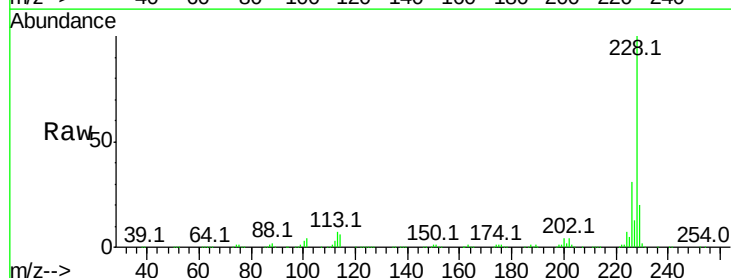
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

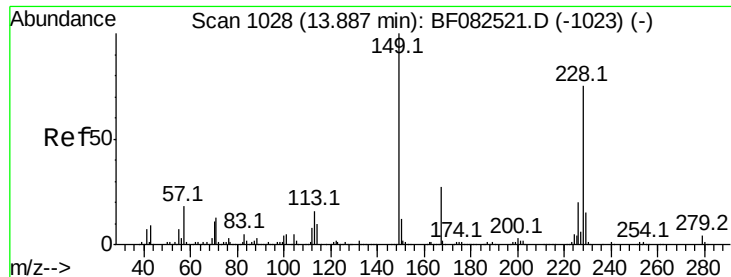
Tot Ion:252 Resp: 229497
 Ion Ratio Lower Upper
 252 100
 254 65.9 53.0 79.6
 126 5.7 7.4 11.2#



#82
 Chrysene
 Concen: 44.53 ng
 RT: 13.93 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:228 Resp: 664372
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.2 37.8
 229 20.0 16.3 24.5

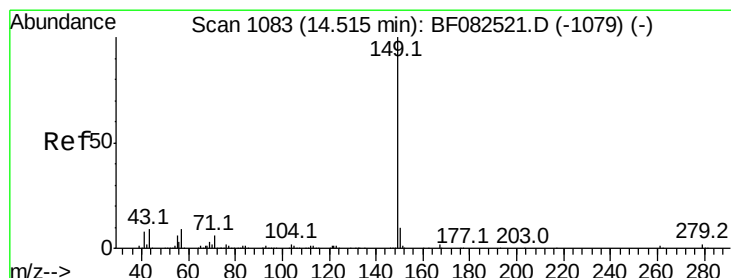
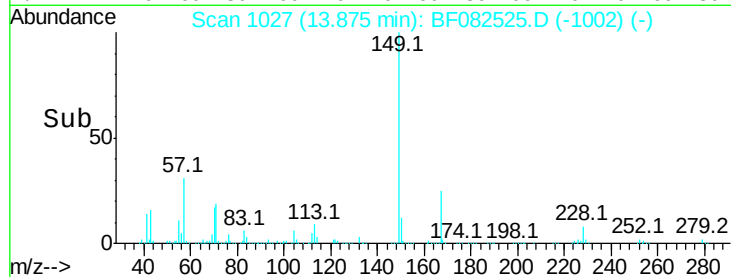
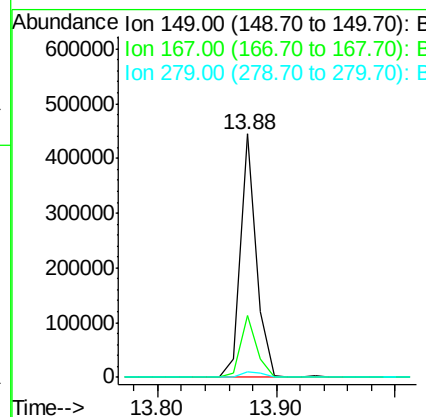
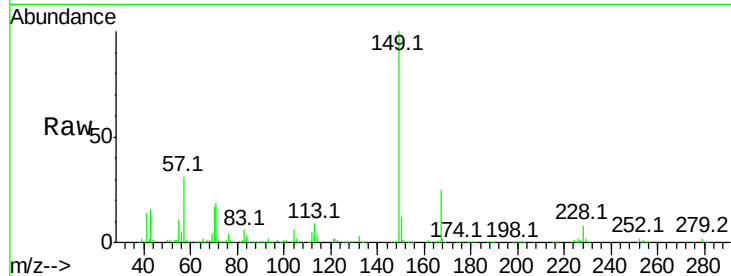




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.79 ng
 RT: 13.88 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

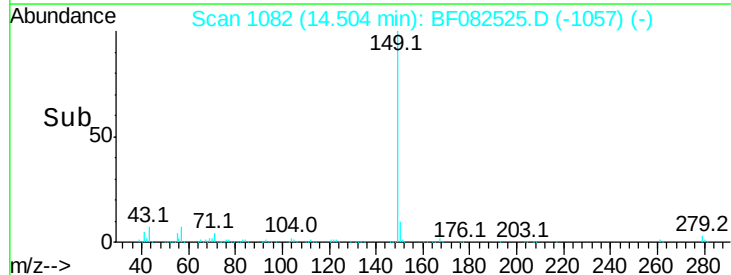
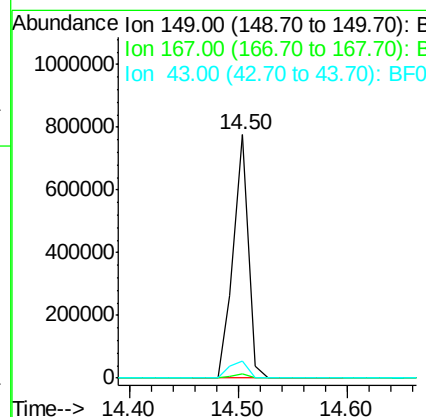
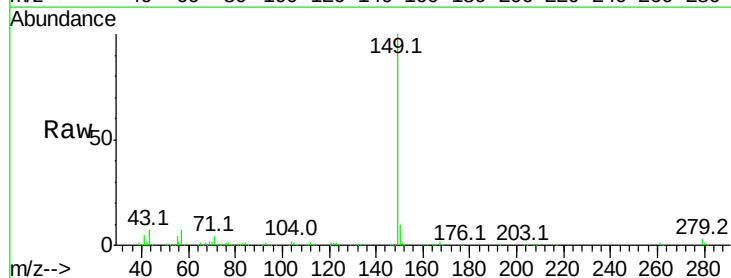
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

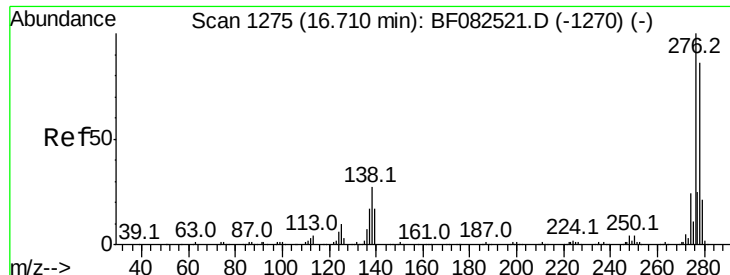
Tot Ion:149 Resp: 416253
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 2.1 3.0 4.6#



#84
 Di-n-octyl phthalate
 Concen: 44.19 ng
 RT: 14.50 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:149 Resp: 744242
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 7.7 11.5

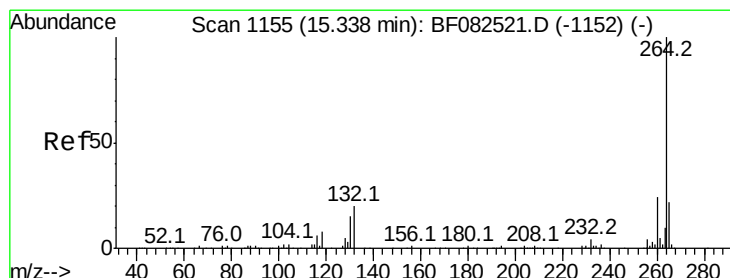
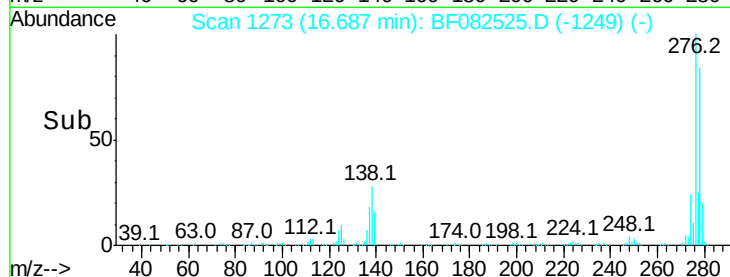
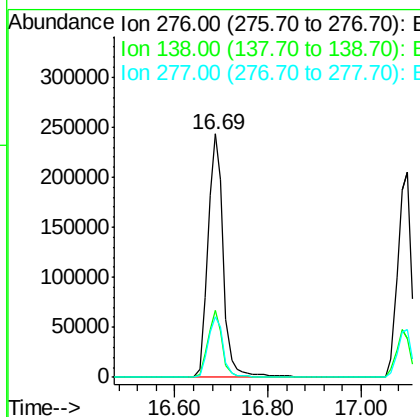
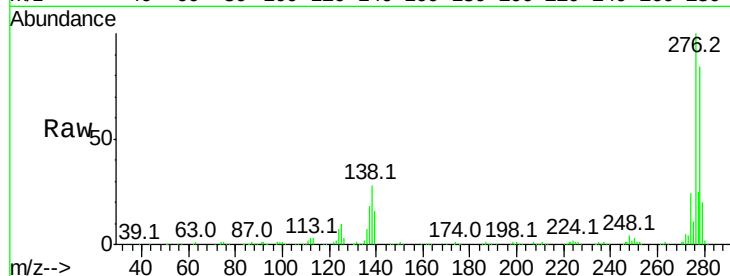




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.24 ng
 RT: 16.69 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

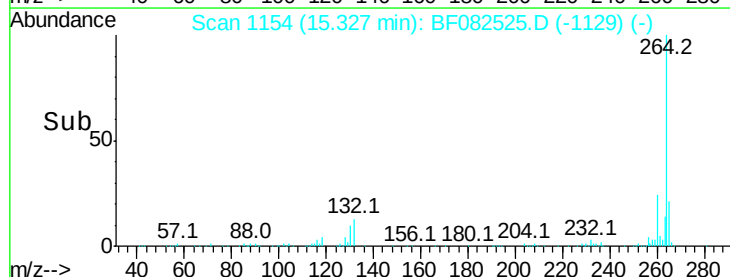
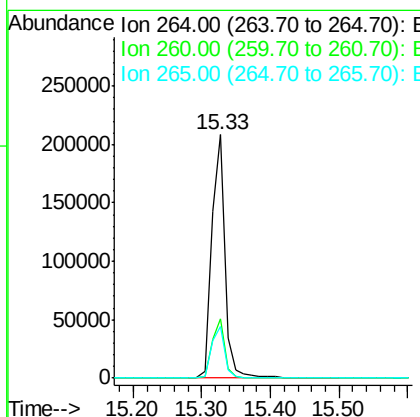
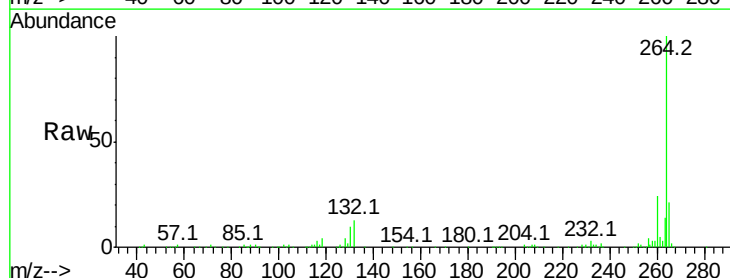
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

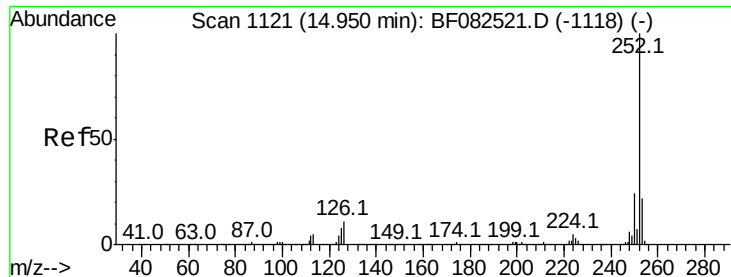
Tot Ion:276 Resp: 565371
 Ion Ratio Lower Upper
 276 100
 138 25.9 20.6 30.8
 277 24.9 19.9 29.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Tgt Ion:264 Resp: 282008
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.2 17.8 26.6

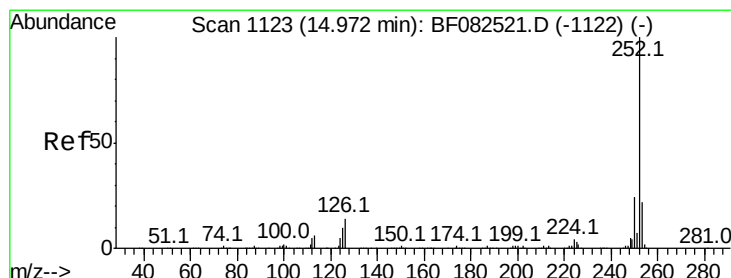
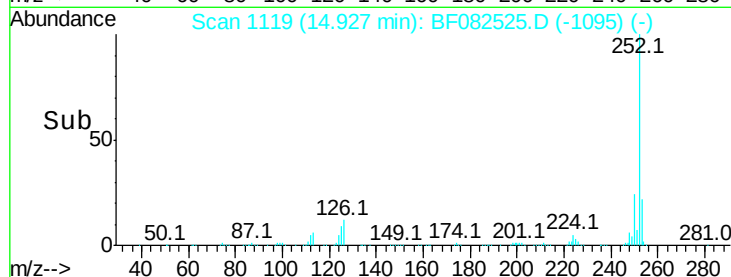
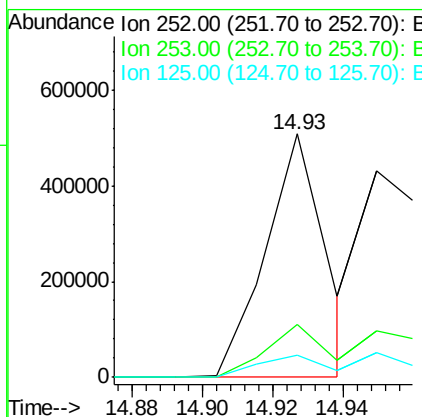
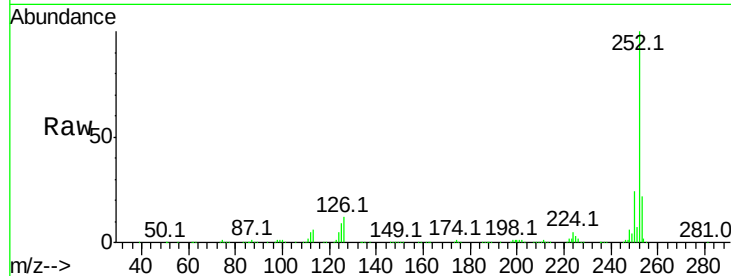




#87
Benzo(b)fluoranthene
Concen: 35.73 ng m
RT: 14.93 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

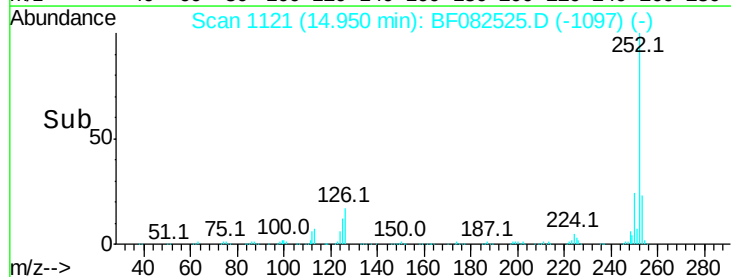
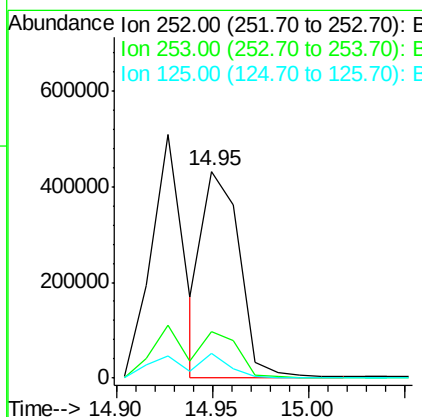
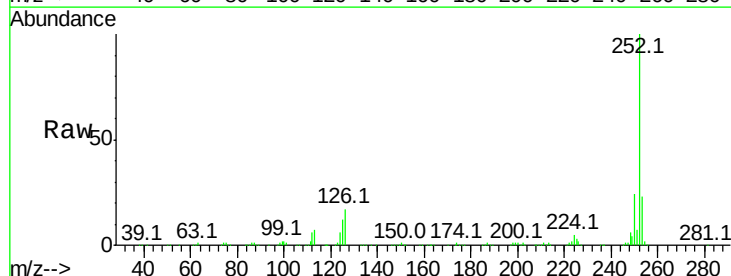
Instrument :
BNA_F
ClientSampleId :
ICVBF102615

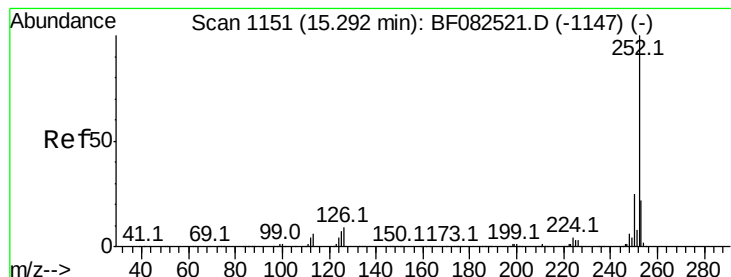
Tot Ion:252 Resp: 598455
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.9 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.89 ng m
RT: 14.95 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BF082525.D
Acq: 26 Oct 2015 21:49

Tgt Ion:252 Resp: 585608
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.8 8.7 13.1





#89

Benzo(a)pyrene

Concen: 38.72 ng

RT: 15.27 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

Instrument :

BNA_F

ClientSampleId :

ICVBF102615

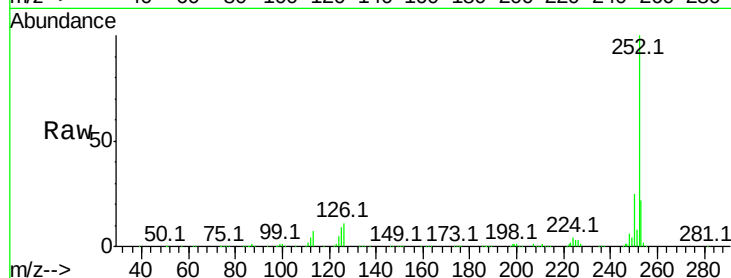
Tot Ion:252 Resp: 561825

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

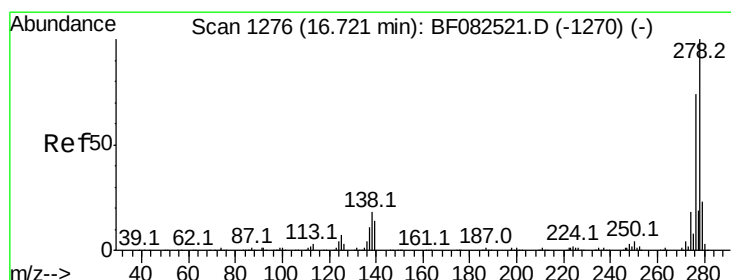
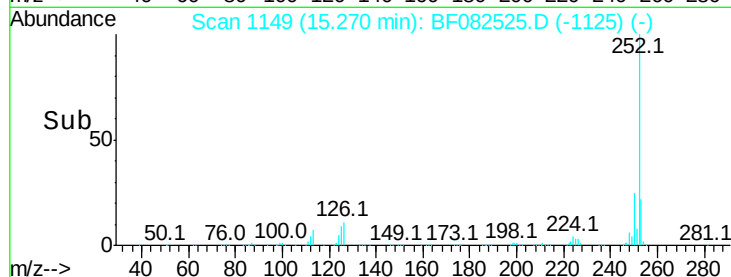
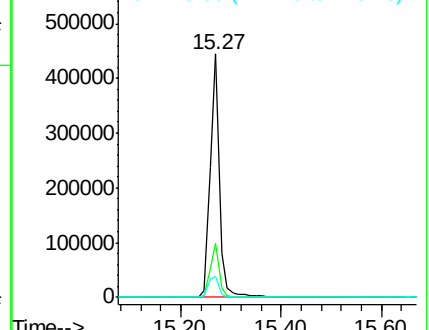
125 8.7 5.9 8.9



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: 39.15 ng

RT: 16.70 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF082525.D

Acq: 26 Oct 2015 21:49

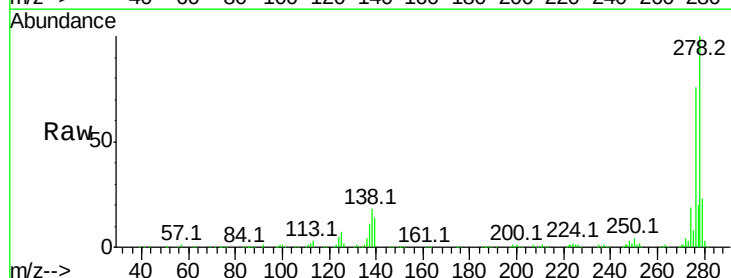
Tgt Ion:278 Resp: 475287

Ion Ratio Lower Upper

278 100

139 14.1 11.6 17.4

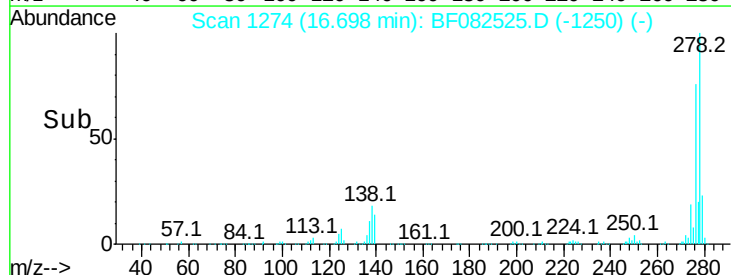
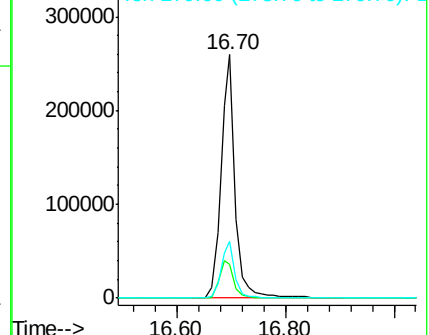
279 23.3 18.7 28.1

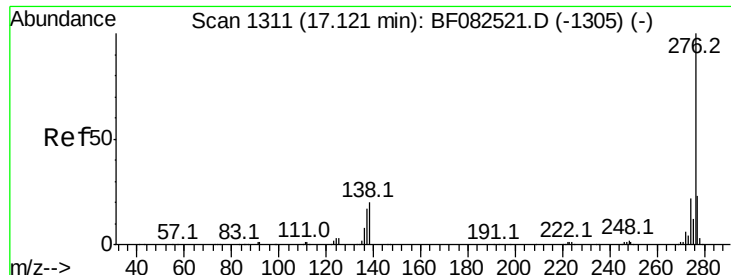


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.05 ng
 RT: 17.10 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF082525.D
 Acq: 26 Oct 2015 21:49

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF102615

Tot Ion:	276	Resp:	444982
Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	19.1	16.0	24.0

