

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082287.D
 Acq On : 14 Oct 2015 19:10
 Operator : UM/IZ
 Sample : G4016-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Quant Time: Oct 15 01:48:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	77627	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	314237	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	158331	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	298955	20.00	ng	0.00
75) Chrysene-d12	14.07	240	236567	20.00	ng	-0.06
86) Perylene-d12	15.62	264	186393	20.00	ng	-0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	380674	98.97	ng	0.02
7) Phenol-d6	6.47	99	944646	188.73	ng	0.00
23) Nitrobenzene-d5	7.41	82	872075	186.37	ng	0.01
41) 2,4,6-Tribromophenol	10.66	330	27735	18.68	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1633386	171.08	ng	0.00
78) Terphenyl-d14	12.97	244	1765530	197.77	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	62891	32.54	ng	93
3) Pyridine	3.14	79	162046	36.05	ng	96
4) n-Nitrosodimethylamine	3.11	42	79530	41.72	ng	96
6) Aniline	6.49	93	122980	19.06	ng	# 90
8) 2-Chlorophenol	6.61	128	105471	22.46	ng	84
9) Benzaldehyde	6.37	77	101451	39.69	ng	91
10) Phenol	6.48	94	190255	32.97	ng	85
11) bis(2-Chloroethyl)ether	6.56	93	207709	42.56	ng	89
12) 1,3-Dichlorobenzene	6.99	146	232675	42.55	ng	98
13) 1,4-Dichlorobenzene	6.85	146	246252	43.12	ng	96
14) 1,2-Dichlorobenzene	6.99	146	239633	44.19	ng	96
15) Benzyl Alcohol	6.97	79	164567	47.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	314679	46.30	ng	97
17) 2-Methylphenol	7.09	107	155968	42.01	ng	97
18) Hexachloroethane	7.34	117	85245	43.61	ng	# 82
19) n-Nitroso-di-n-propylamine	7.25	70	146353	41.64	ng	# 85
20) 3+4-Methylphenols	7.25	107	180923	40.89	ng	98
22) Acetophenone	7.25	105	293957	47.29	ng	# 92
24) Nitrobenzene	7.42	77	223710	44.17	ng	99
25) Isophorone	7.66	82	426348	45.14	ng	# 92
26) 2-Nitrophenol	7.73	139	5291	2.09	ng	# 79
27) 2,4-Dimethylphenol	7.77	122	192578	47.26	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	246897	44.93	ng	97
29) 2,4-Dichlorophenol	7.98	162	63731	15.65	ng	96
30) 1,2,4-Trichlorobenzene	8.06	180	214830	45.76	ng	97
31) Naphthalene	8.14	128	653854	48.00	ng	100
32) Benzoic acid	7.77	122	192578	70.42	ng	# 14
33) 4-Chloroaniline	8.19	127	125427	22.17	ng	# 94
34) Hexachlorobutadiene	8.25	225	136106	46.53	ng	99
35) Caprolactam	8.54	113	53107	44.92	ng	# 77
36) 4-Chloro-3-methylphenol	8.69	107	147005	36.91	ng	# 84
37) 2-Methylnaphthalene	8.82	142	445815	47.21	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	225872	47.96	ng	99
40) Hexachlorocyclopentadiene	8.98	237	177072	74.90	ng	99

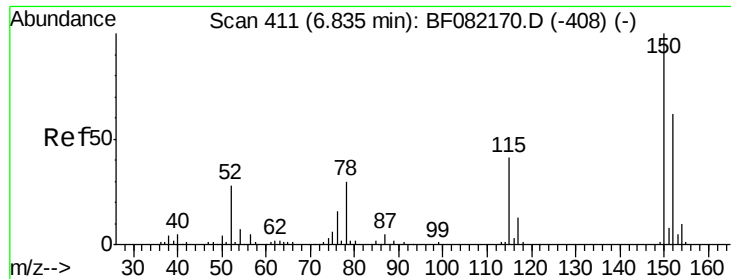
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082287.D
 Acq On : 14 Oct 2015 19:10
 Operator : UM/IZ
 Sample : G4016-10MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Time: Oct 15 01:48:34 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:42:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	7104	2.27	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	17049	5.03	nq	# 92
45) 1,1'-Biphenyl	9.29	154	527653	43.70	nq	99
46) 2-Chloronaphthalene	9.33	162	438458	46.13	nq	98
47) 2-Nitroaniline	9.42	65	125453	48.08	nq	99
48) Acenaphthylene	9.74	152	733523	49.54	nq	99
49) Dimethylphthalate	9.60	163	658763	59.09	nq	100
50) 2,6-Dinitrotoluene	9.67	165	130986	55.68	nq	96
51) Acenaphthene	9.91	154	426918	48.03	nq	99
52) 3-Nitroaniline	9.84	138	103419	38.92	nq	92
54) Dibenzofuran	10.08	168	664280	54.43	nq	97
55) 4-Nitrophenol	10.08	139	253968	116.53	nq	# 12
56) 2,4-Dinitrotoluene	10.07	165	168432	57.28	nq	89
57) Fluorene	10.42	166	516122	51.49	nq	99
59) Diethylphthalate	10.30	149	550396	52.96	nq	99
60) 4-Chlorophenyl-phenylether	10.41	204	215758	46.99	nq	98
61) 4-Nitroaniline	10.45	138	126131	48.94	nq	93
62) Azobenzene	10.57	77	499286	49.09	nq	99
65) n-Nitrosodiphenylamine	10.54	169	461578	51.57	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	142270	47.55	nq	95
67) Hexachlorobenzene	10.97	284	164623	50.88	nq	97
68) Atrazine	11.06	200	145567	51.33	nq	99
70) Phenanthrene	11.38	178	702932	47.97	nq	100
71) Anthracene	11.44	178	818379	54.20	nq	100
72) Carbazole	11.60	167	720761	52.32	nq	98
73) Di-n-butylphthalate	11.93	149	833413	49.04	nq	# 97
74) Fluoranthene	12.58	202	790716	50.24	nq	96
76) Benzidine	12.71	184	288642	42.10	nq	98
77) Pvrene	12.81	202	779277	55.51	nq	99
79) Butylbenzylphthalate	13.45	149	333946	52.12	nq	97
80) Benzo(a)anthracene	14.06	228	591066	48.02	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	122067	26.13	nq	99
82) Chrysene	14.10	228	631885	48.72	nq	99
83) Bis(2-ethylhexyl)phthalate	14.06	149	459921	50.32	nq	# 98
84) Di-n-octyl phthalate	14.74	149	704754	44.90	nq	# 89
85) Indeno(1,2,3-cd)pyrene	17.08	276	539658	52.35	nq	99
87) Benzo(b)fluoranthene	15.24	252	998580	88.06	nq	98
88) Benzo(k)fluoranthene	15.24	252	1000565	104.97	nq	99
89) Benzo(a)pyrene	15.57	252	466743	47.89	nq	99
90) Dibenzo(a,h)anthracene	17.09	278	440170	55.11	nq	97
91) Benzo(g,h,i)perylene	17.51	276	451639	58.21	nq	98

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

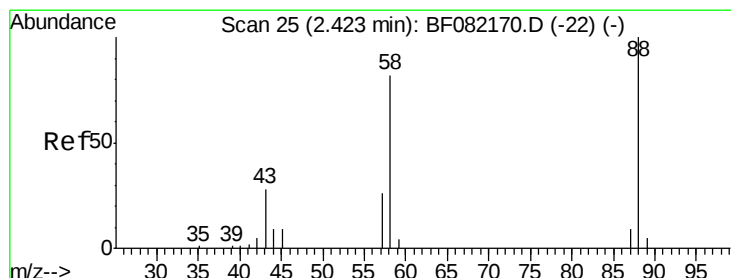
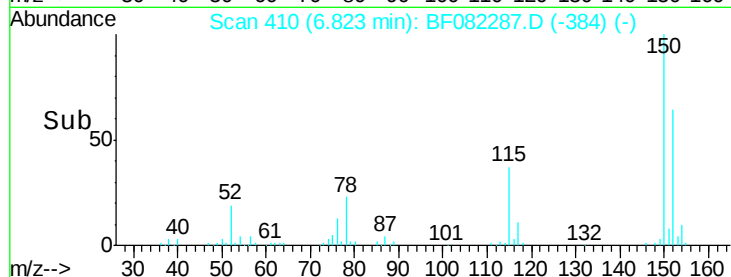
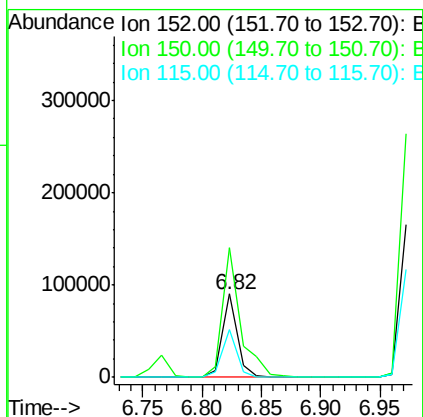
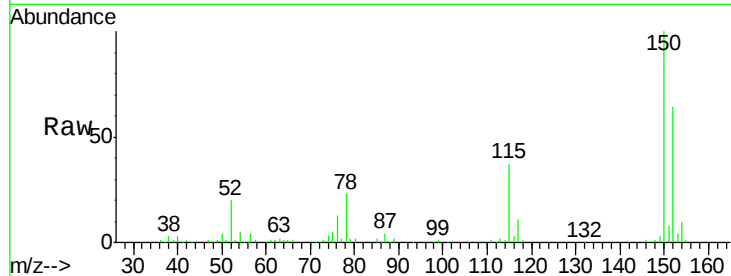


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

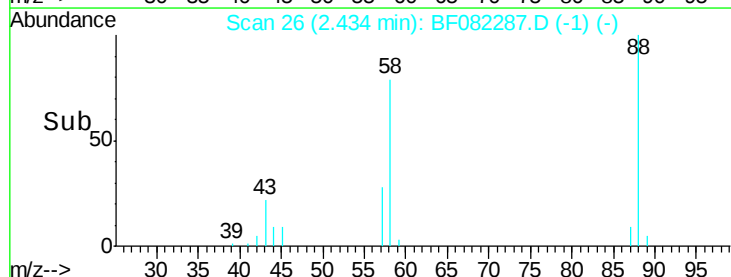
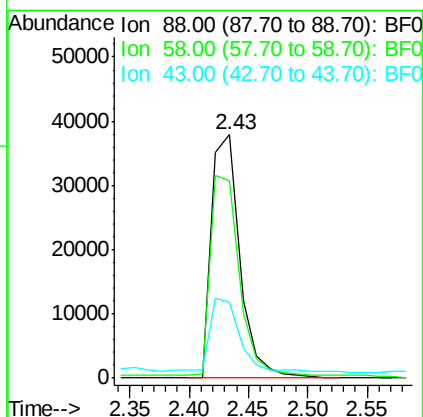
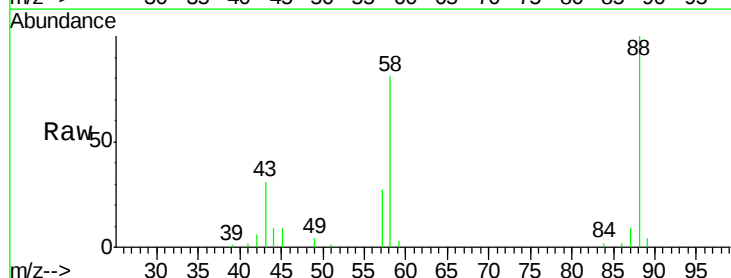
Tot Ion:152 Resp: 77627
Ion Ratio Lower Upper
152 100
150 155.3 129.0 193.4
115 56.9 52.1 78.1

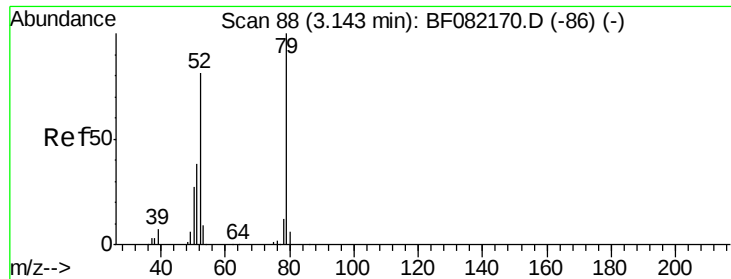


#2

1,4-Dioxane
Concen: 32.54 ng
RT: 2.43 min Scan# 26
Delta R.T. 0.08 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion: 88 Resp: 62891
Ion Ratio Lower Upper
88 100
58 89.2 66.2 99.4
43 32.0 23.0 34.4





#3

Pvridine

Concen: 36.05 ng

RT: 3.14 min Scan# 88

Delta R.T. 0.07 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

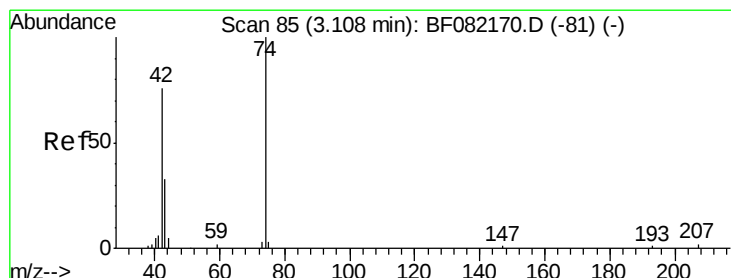
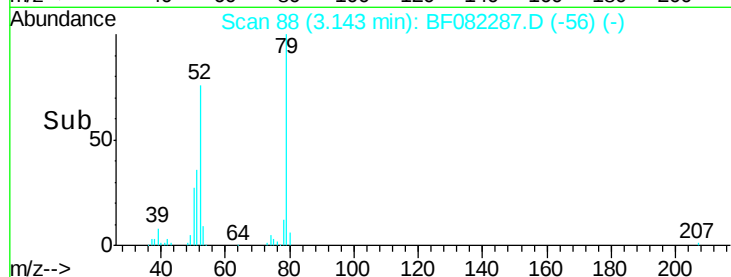
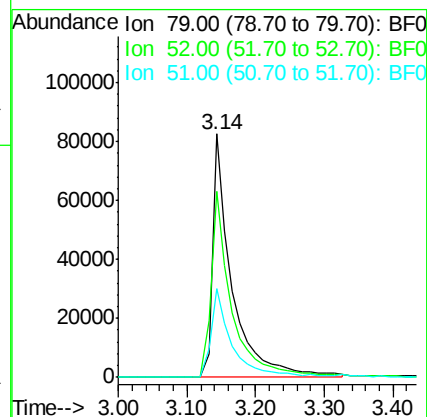
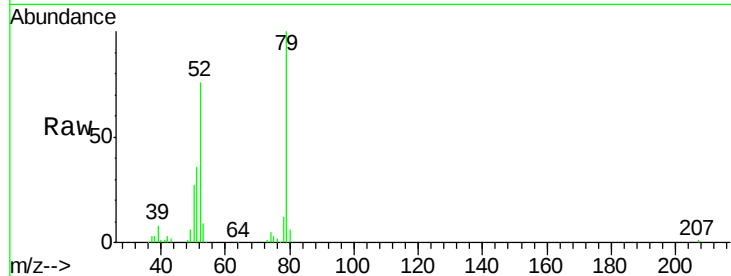
Tot Ion: 79 Resp: 162046

Ion Ratio Lower Upper

79 100

52 76.2 64.4 96.6

51 36.4 30.5 45.7



#4

n-Nitrosodimethylamine

Concen: 41.72 ng

RT: 3.11 min Scan# 85

Delta R.T. 0.07 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

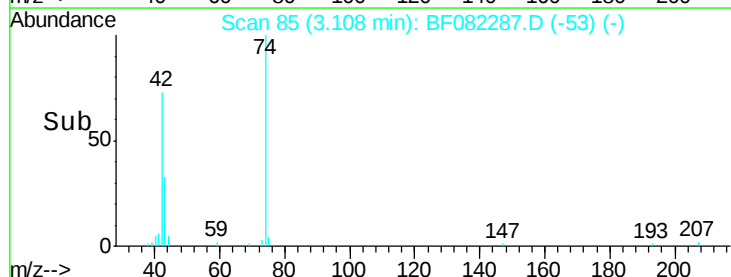
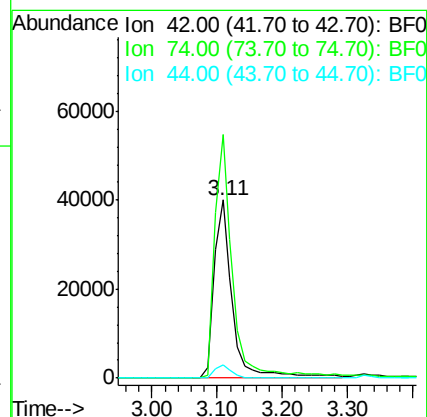
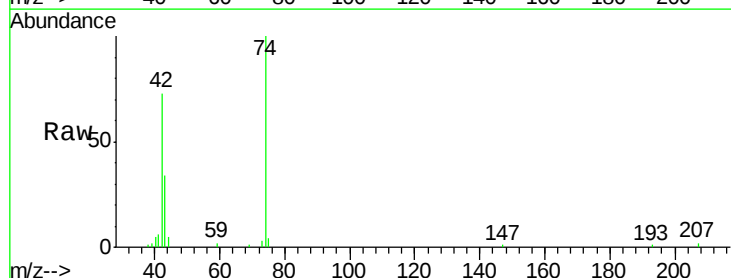
Tgt Ion: 42 Resp: 79530

Ion Ratio Lower Upper

42 100

74 136.8 105.7 158.5

44 7.2 5.4 8.2





#5

2-Fluorophenol

Concen: 98.97 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.02 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampled :

CS-11MSD

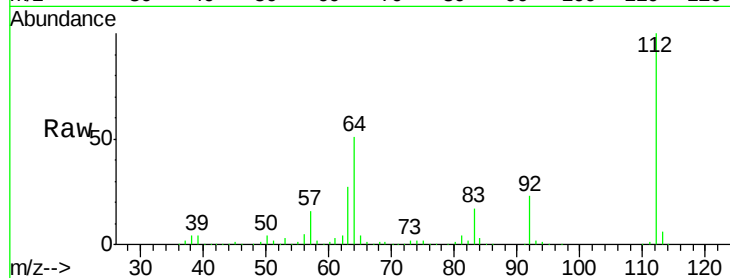
Tot Ion:112 Resp: 380674

Ion Ratio Lower Upper

112 100

64 50.7 48.6 73.0

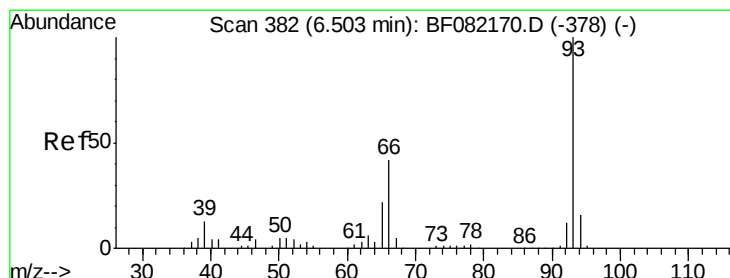
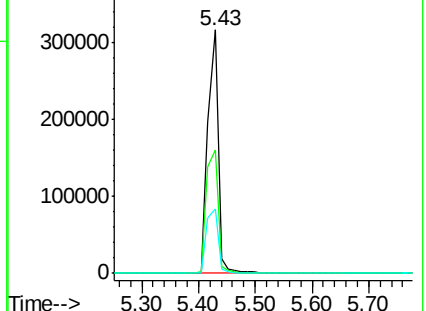
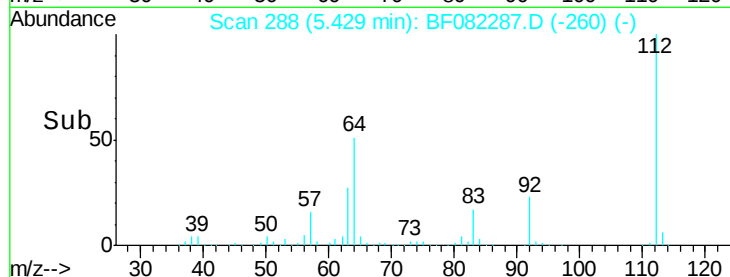
63 26.7 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.06 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

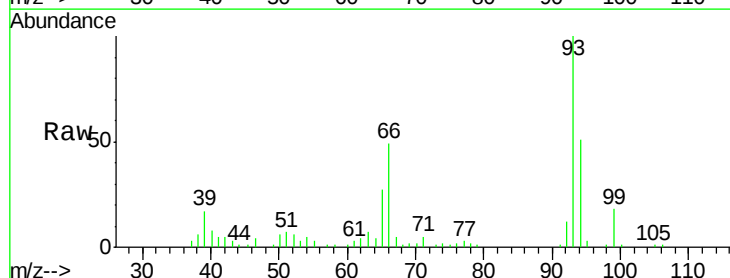
Tgt Ion: 93 Resp: 122980

Ion Ratio Lower Upper

93 100

66 49.1 34.2 51.2

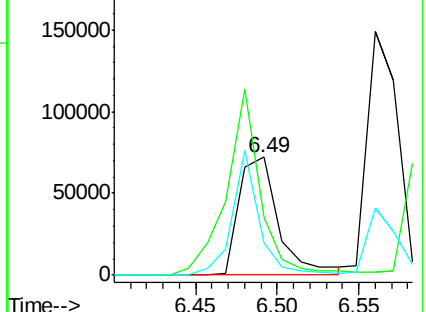
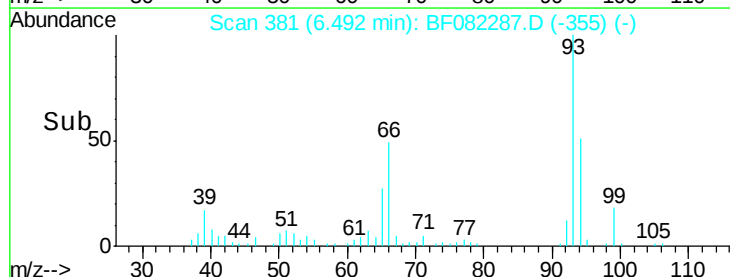
65 27.2 17.9 26.9#

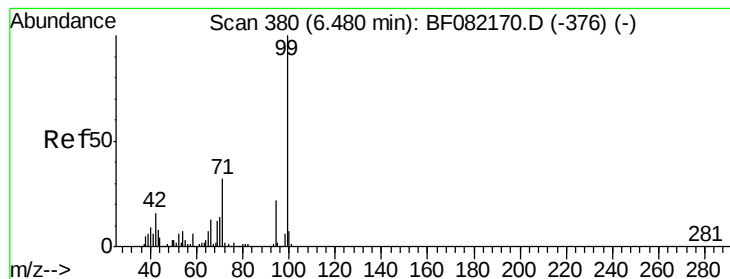


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 188.73 ng

RT: 6.47 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

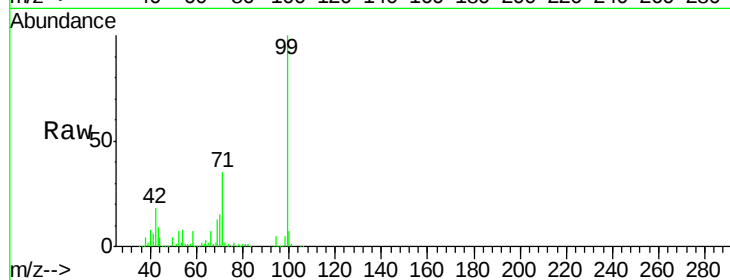
Tot Ion: 99 Resp: 944646

Ion Ratio Lower Upper

99 100

42 18.2 13.2 19.8

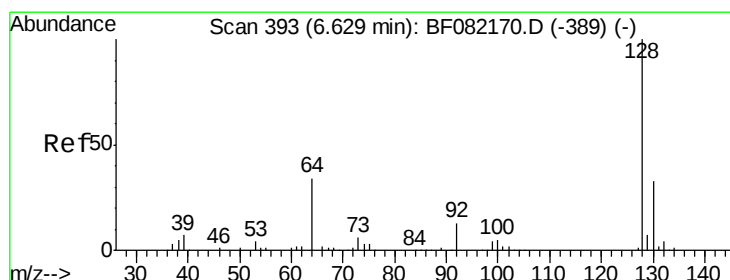
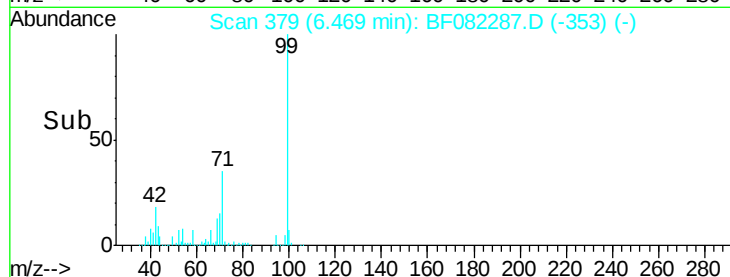
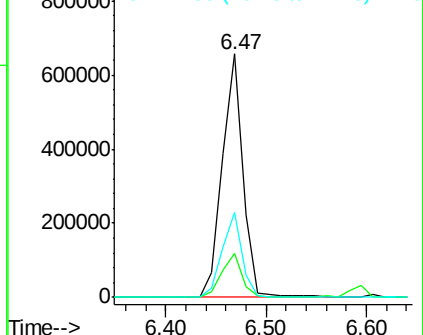
71 34.9 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 22.46 ng

RT: 6.61 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

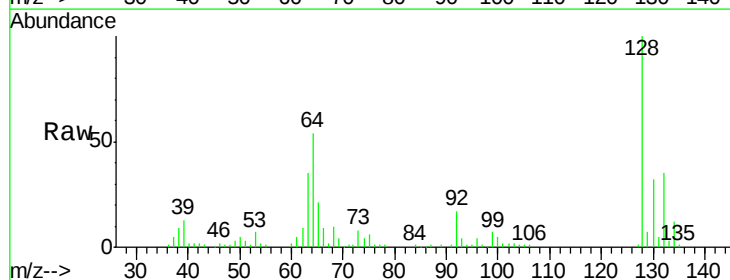
Tgt Ion: 128 Resp: 105471

Ion Ratio Lower Upper

128 100

130 31.7 12.6 52.6

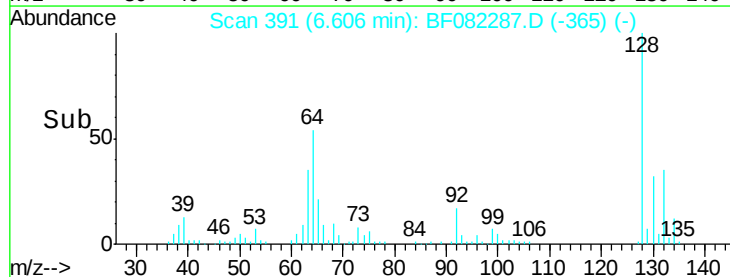
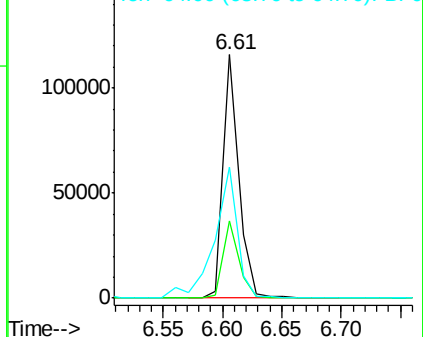
64 53.8 16.7 56.7

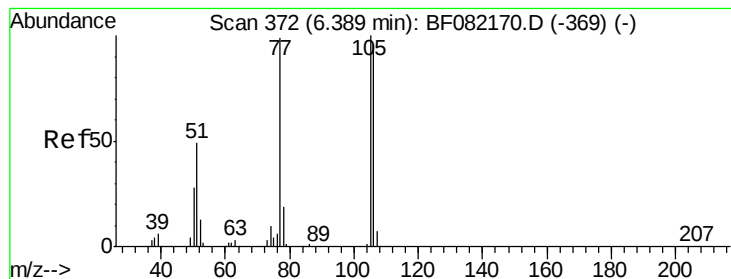


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.69 ng

RT: 6.37 min Scan# 370

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

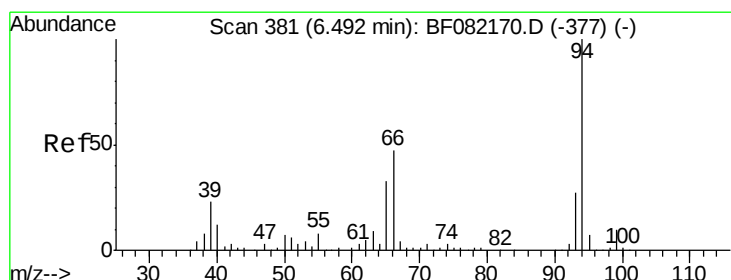
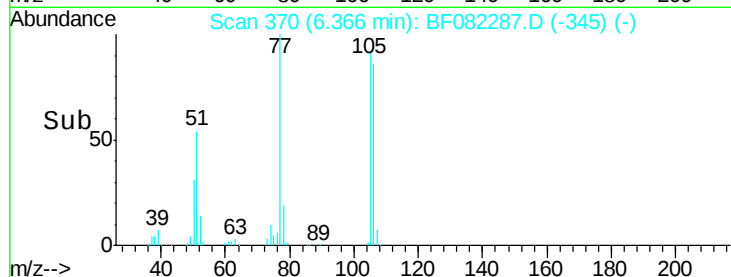
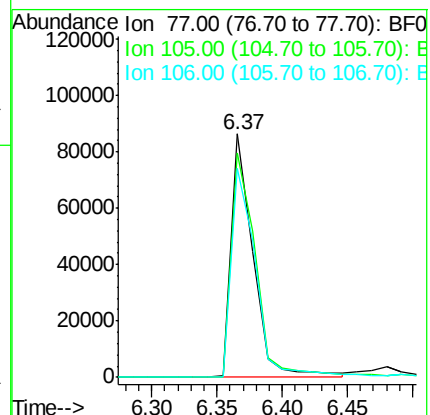
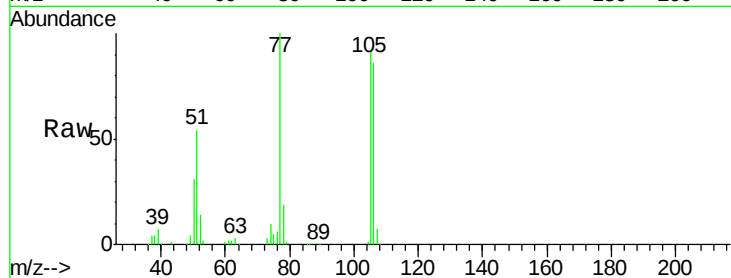
Tot Ion: 77 Resp: 101451

Ion Ratio Lower Upper

77 100

105 92.1 80.6 120.6

106 85.9 75.5 115.5



#10

Phenol

Concen: 32.97 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

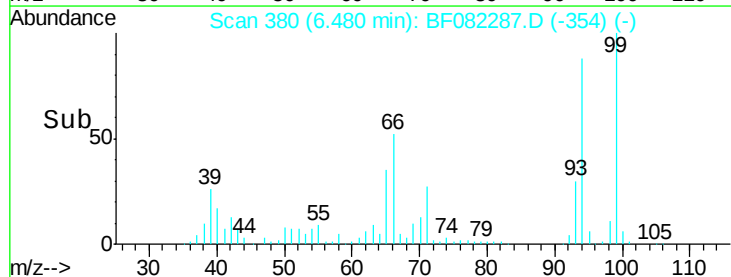
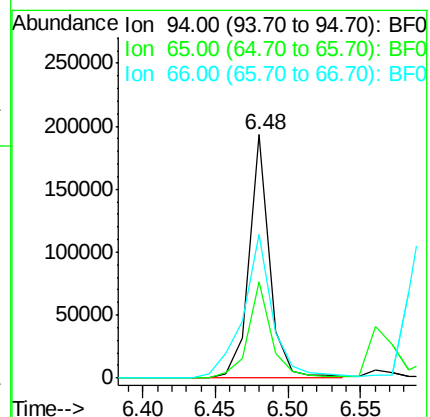
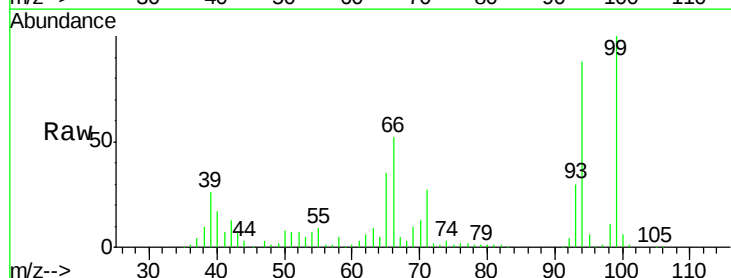
Tgt Ion: 94 Resp: 190255

Ion Ratio Lower Upper

94 100

65 39.4 12.6 52.6

66 59.0 27.3 67.3

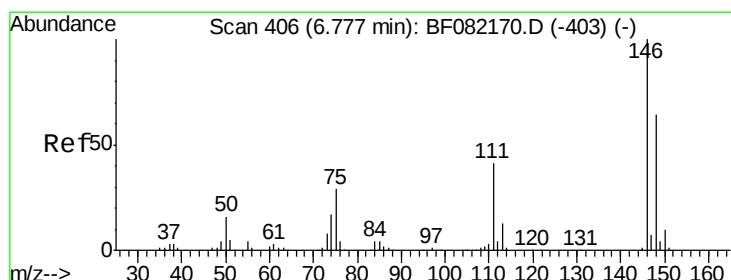
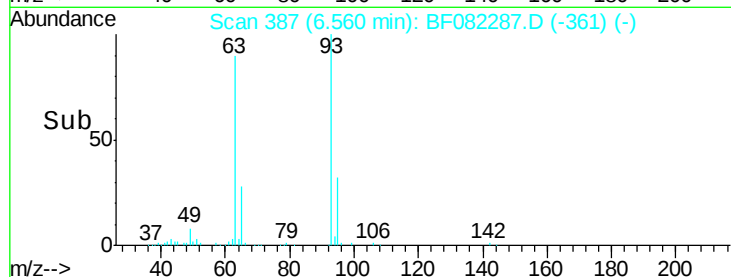
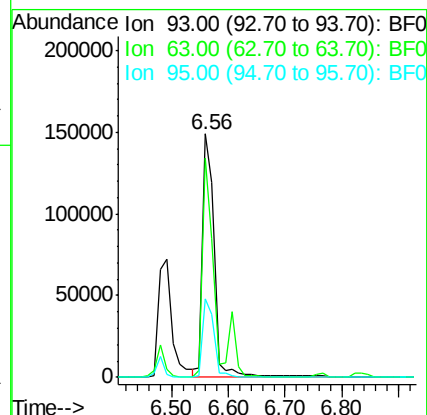
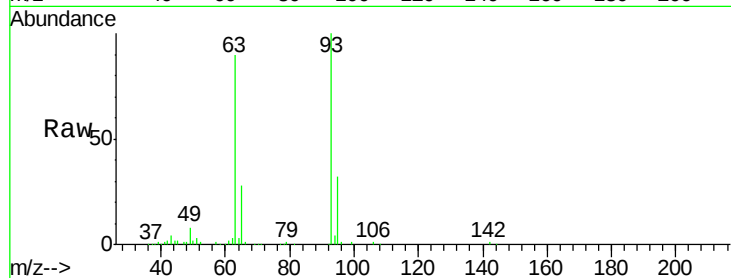




#11
 bis(2-Chloroethyl)ether
 Concen: 42.56 ng
 RT: 6.56 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

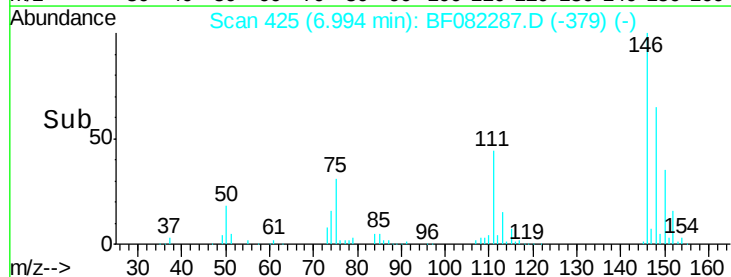
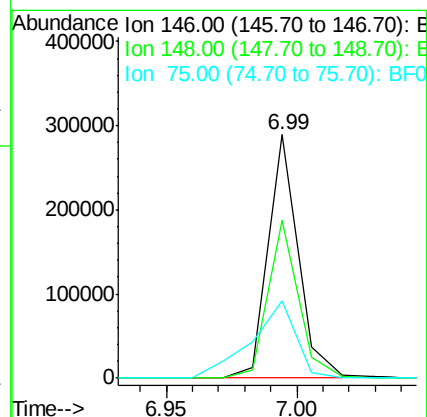
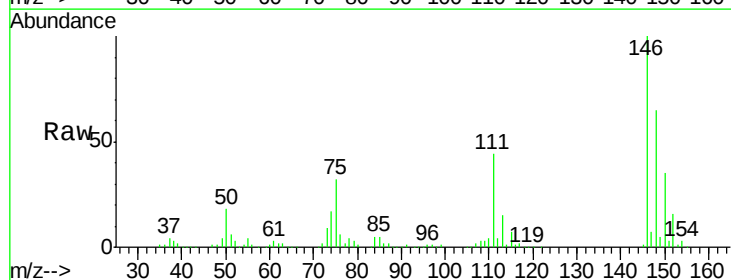
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

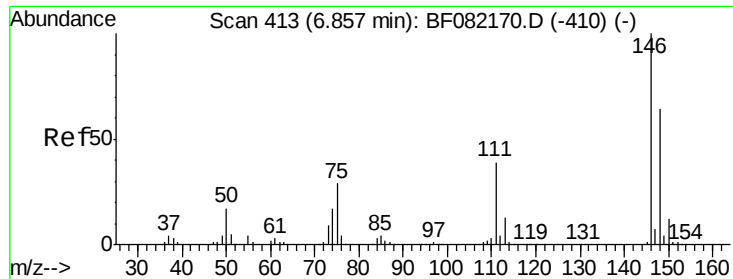
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.2	57.1	97.1
95	32.3	11.9	51.9



#12
 1,3-Dichlorobenzene
 Concen: 42.55 ng
 RT: 6.99 min Scan# 425
 Delta R.T. 0.23 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	31.8	23.0	34.6

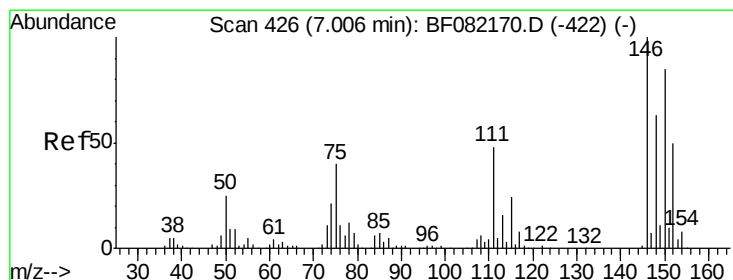
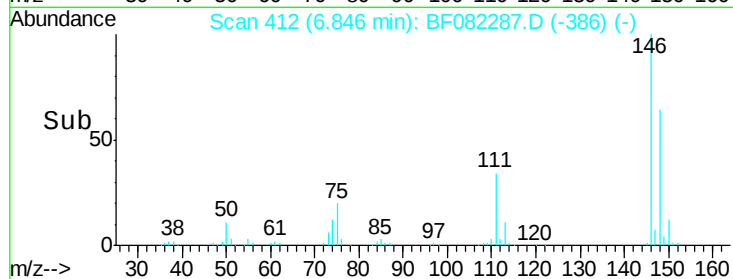
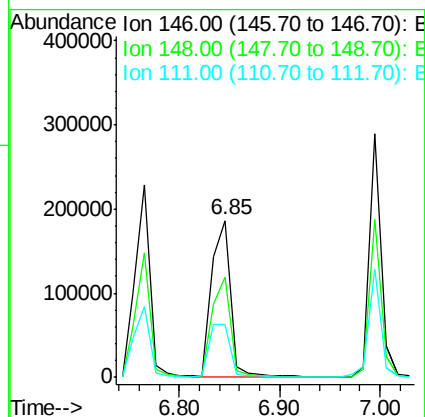
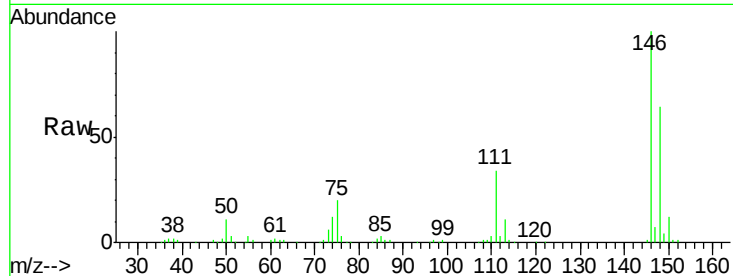




#13
 1,4-Dichlorobenzene
 Concen: 43.12 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

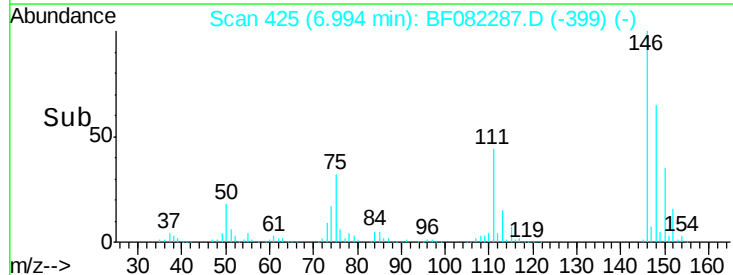
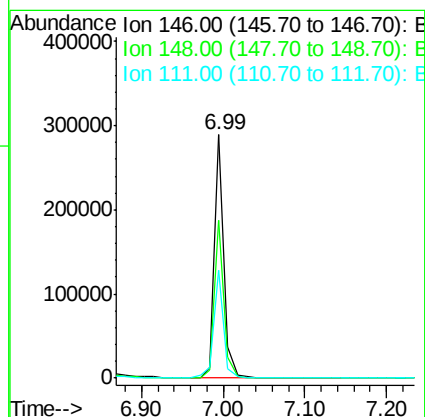
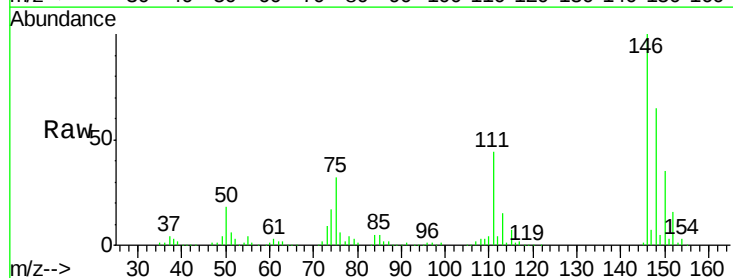
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:146 Resp: 246252
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.0 76.4
 111 33.9 31.1 46.7



#14
 1,2-Dichlorobenzene
 Concen: 44.19 ng
 RT: 6.99 min Scan# 425
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:146 Resp: 239633
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.5 75.7
 111 44.3 38.5 57.7

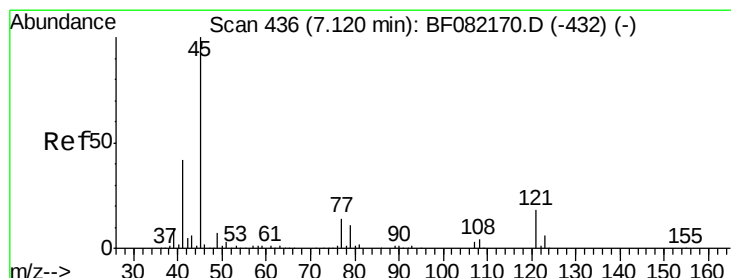
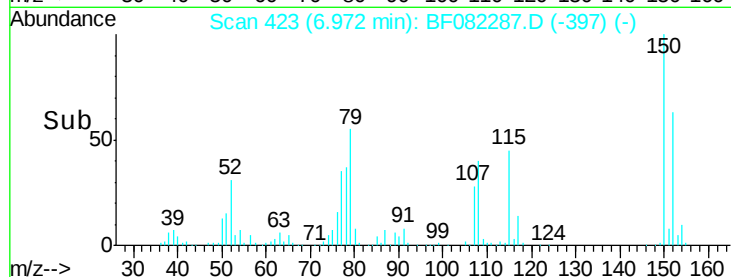
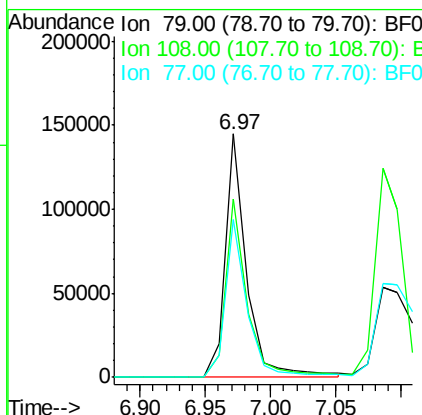
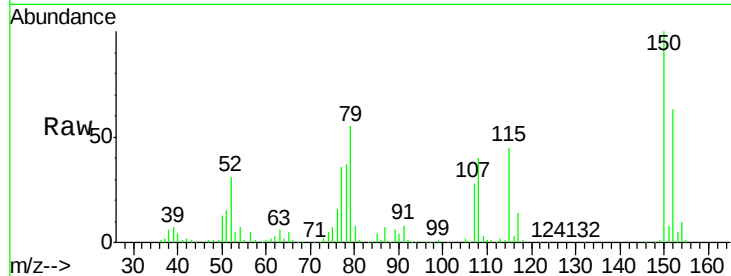




#15
Benzyl Alcohol
Concen: 47.63 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

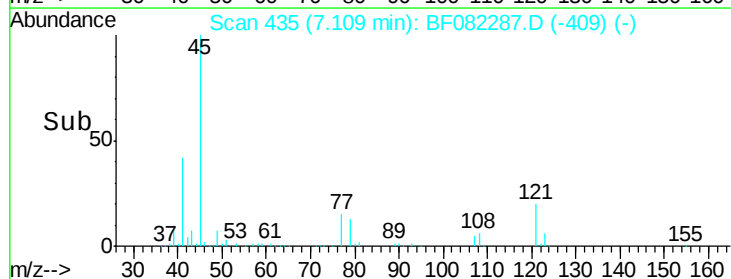
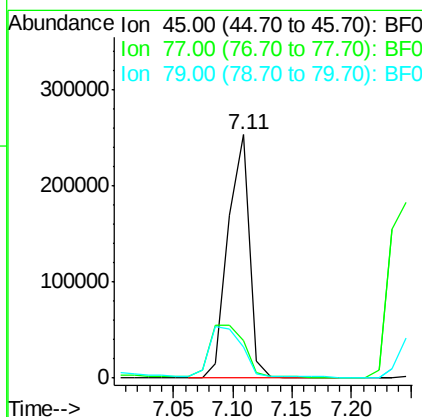
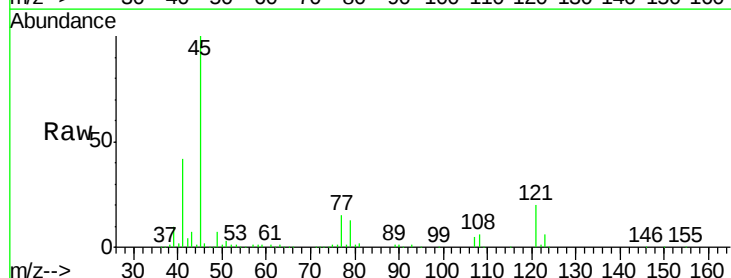
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

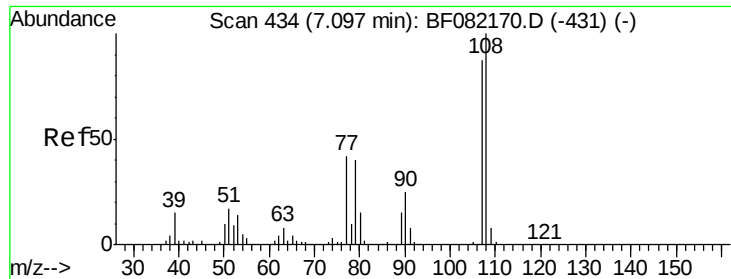
Tot Ion: 79 Resp: 164567
Ion Ratio Lower Upper
79 100
108 73.5 58.4 87.6
77 64.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.30 ng
RT: 7.11 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion: 45 Resp: 314679
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.5
79 12.7 0.0 31.6

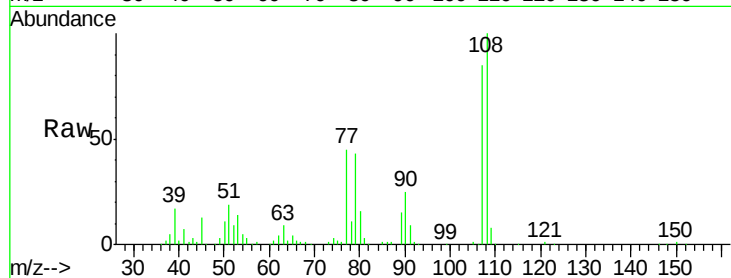




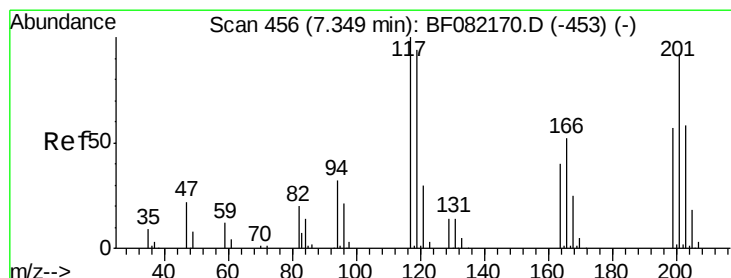
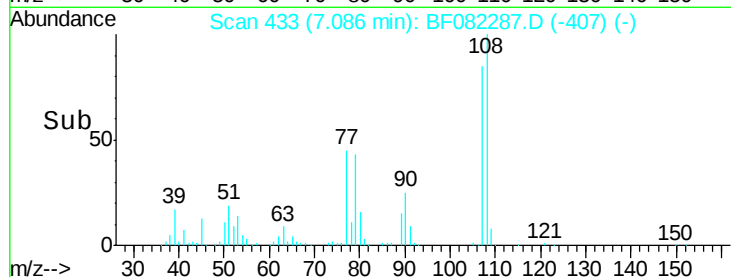
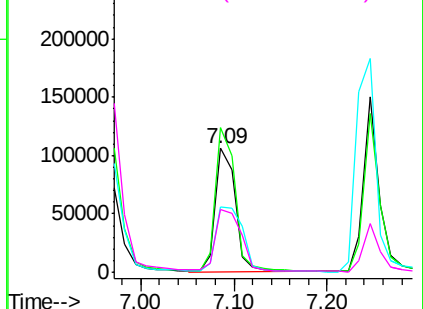
#17
2-Methylphenol
Concen: 42.01 ng
RT: 7.09 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion:107 Resp: 155968
Ion Ratio Lower Upper
107 100
108 117.1 92.2 138.2
77 52.4 39.6 59.4
79 50.8 38.2 57.4

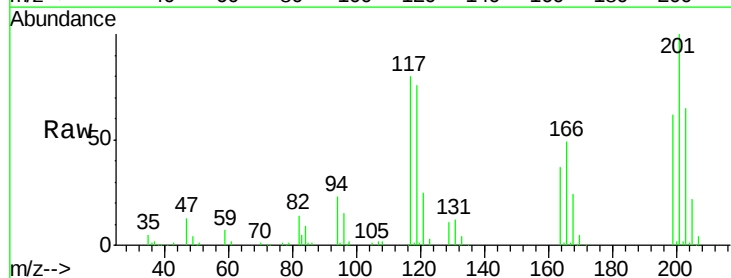


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

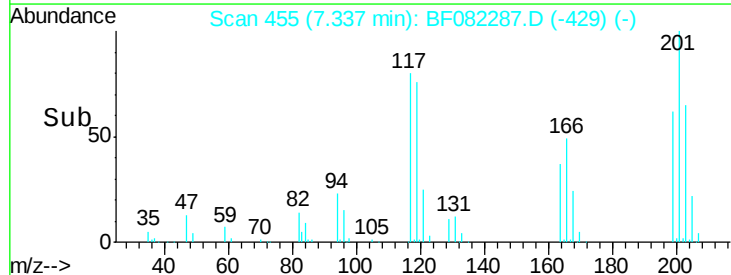
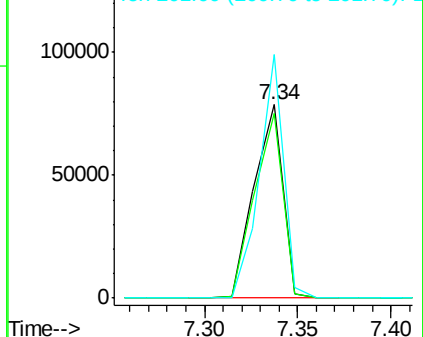


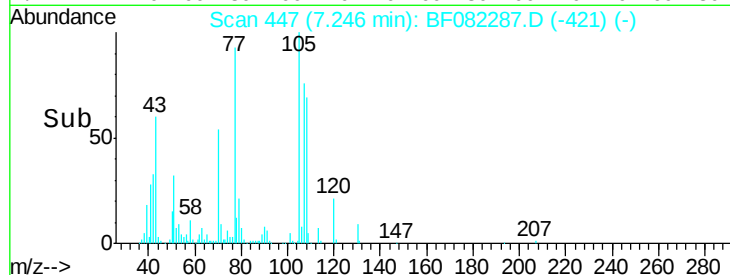
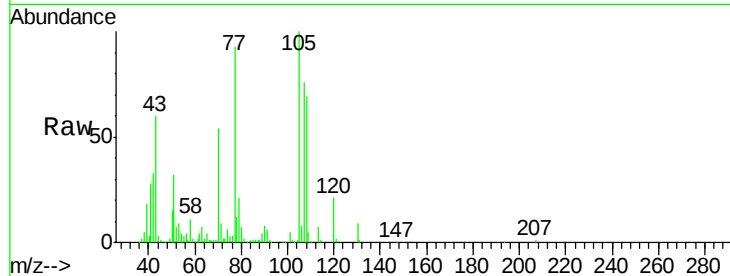
#18
Hexachloroethane
Concen: 43.61 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:117 Resp: 85245
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.2
201 125.8 73.4 110.0#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 41.64 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

Tot Ion: 70 Resp: 146353

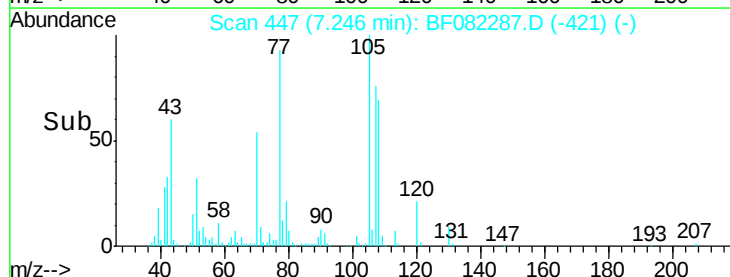
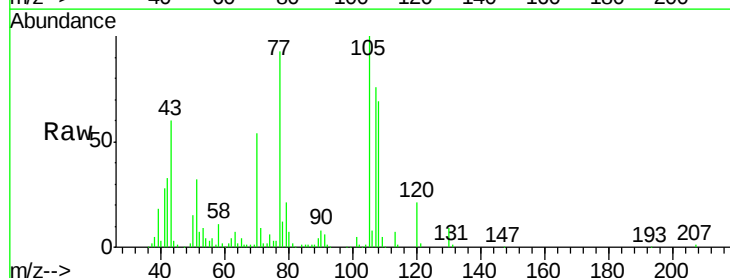
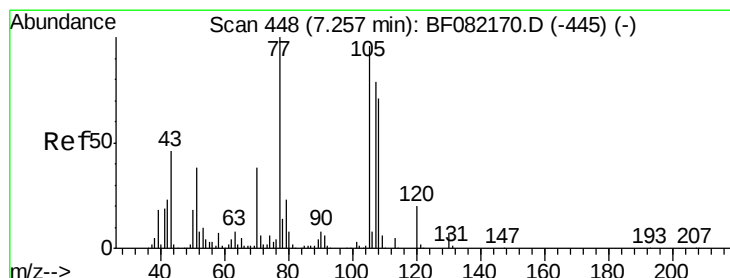
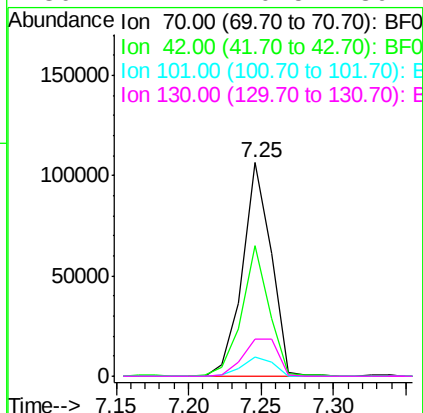
Ion Ratio Lower Upper

70 100

42 61.3 39.8 59.8#

101 8.9 8.6 13.0

130 17.2 20.5 30.7#



#20

3+4-Methylphenols

Concen: 40.89 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion: 107 Resp: 180923

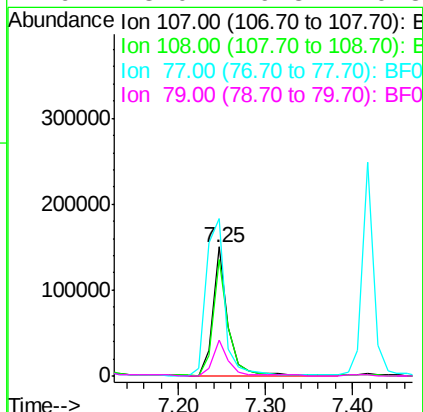
Ion Ratio Lower Upper

107 100

108 90.4 69.9 109.9

77 121.9 106.0 146.0

79 28.0 9.8 49.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

Tot Ion:136 Resp: 314237

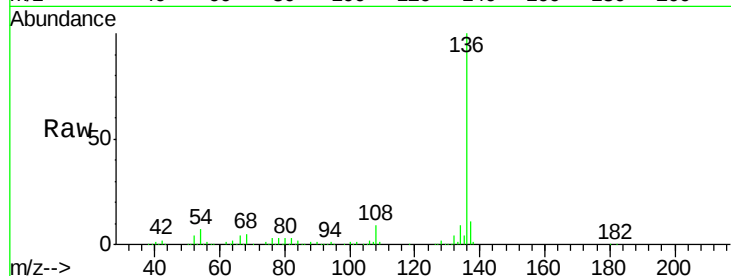
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.2 7.5 11.3#

68 5.0 4.6 7.0

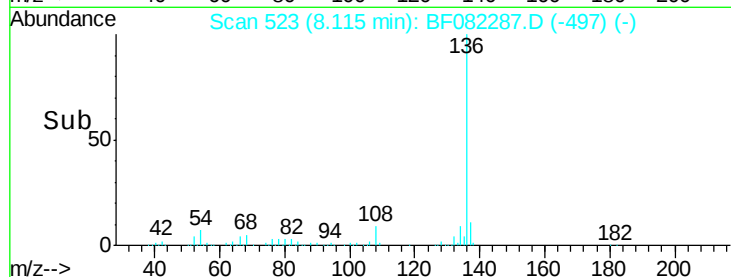


Abundance Ion 136.00 (135.70 to 136.70): E

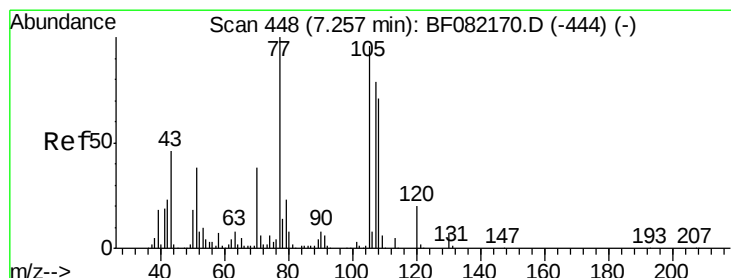
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 47.29 ng

RT: 7.25 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Tgt Ion:105 Resp: 293957

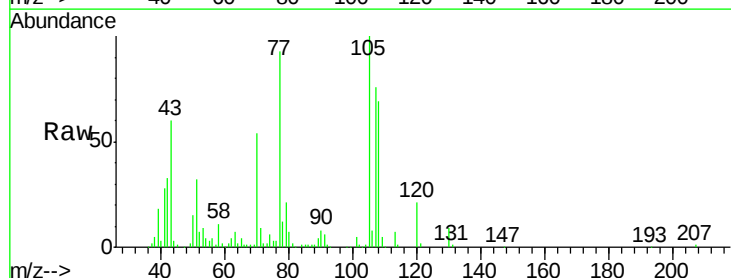
Ion Ratio Lower Upper

105 100

71 9.4 5.4 8.0#

51 32.3 31.8 47.6

120 21.2 16.3 24.5

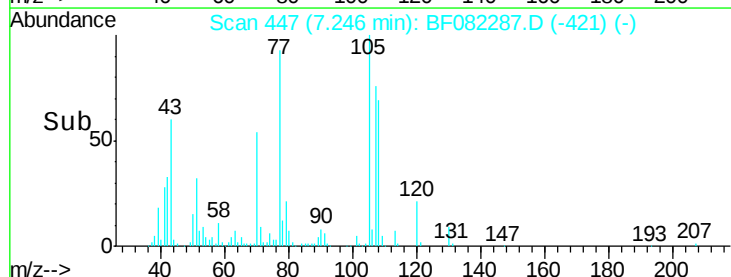


Abundance Ion 105.00 (104.70 to 105.70): E

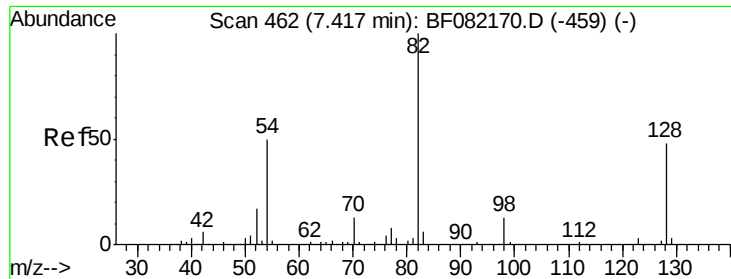
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



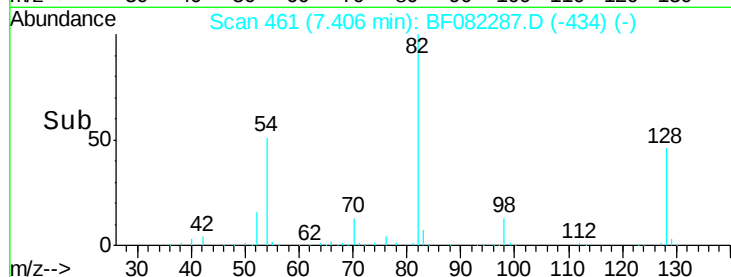
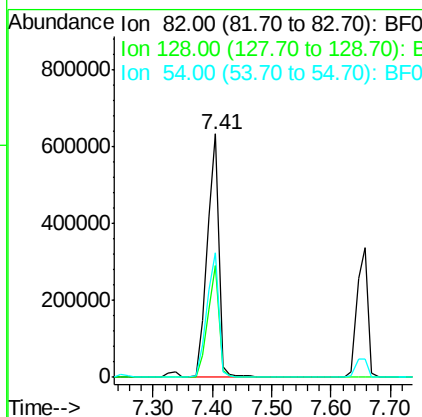
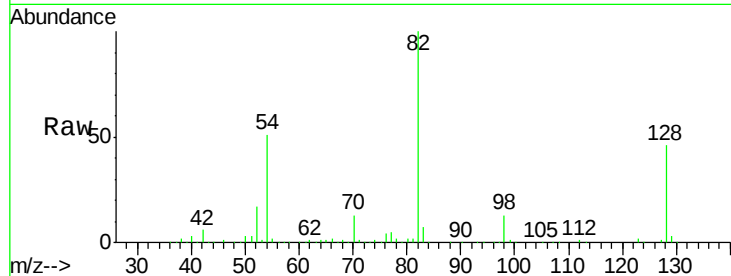
Time-->



#23
 Nitrobenzene-d5
 Concen: 186.37 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

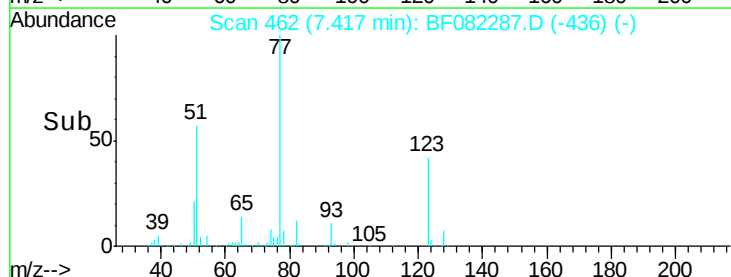
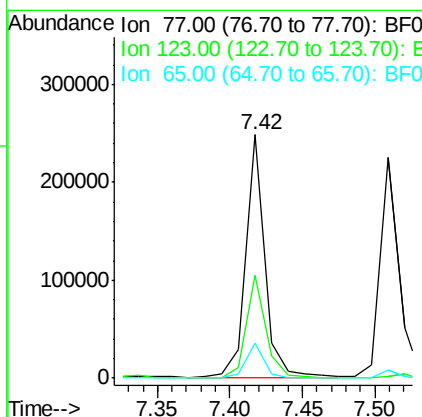
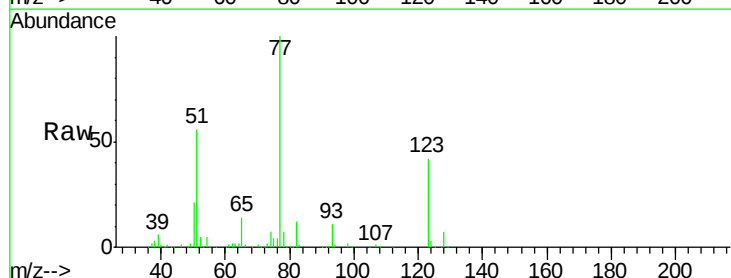
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion: 82 Resp: 872075
 Ion Ratio Lower Upper
 82 100
 128 46.1 38.7 58.1
 54 51.3 40.1 60.1



#24
 Nitrobenzene
 Concen: 44.17 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion: 77 Resp: 223710
 Ion Ratio Lower Upper
 77 100
 123 42.0 33.0 49.4
 65 14.1 11.2 16.8





#25

Isophorone

Concen: 45.14 ng

RT: 7.66 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

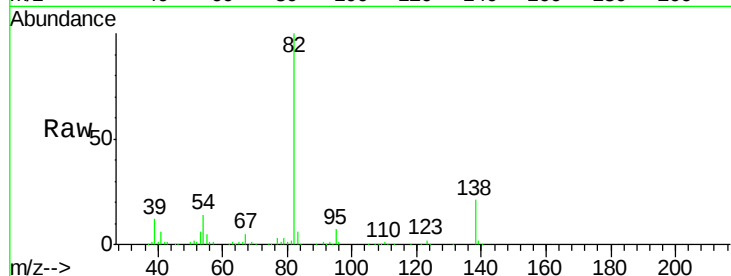
Tot Ion: 82 Resp: 426348

Ion Ratio Lower Upper

82 100

95 7.4 5.6 8.4

138 21.5 13.6 20.4#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0

7.66

400000

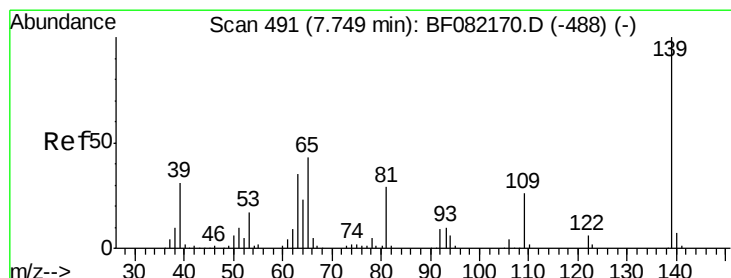
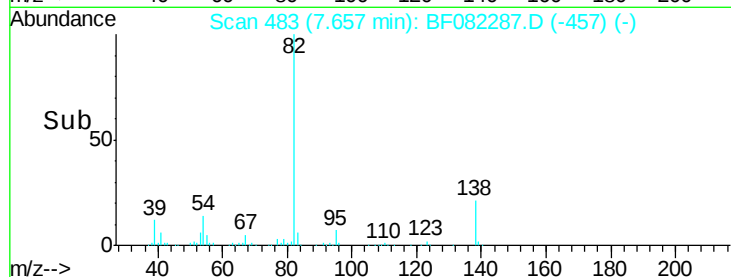
300000

200000

100000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#26

2-Nitrophenol

Concen: 2.09 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

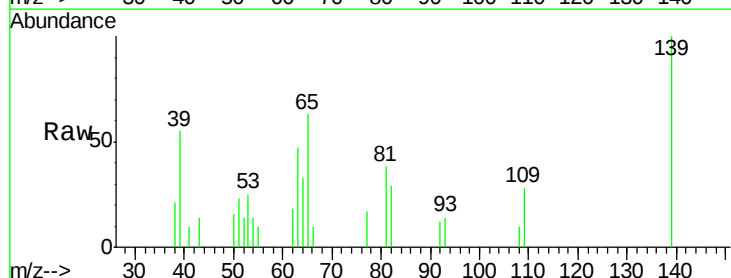
Tgt Ion: 139 Resp: 5291

Ion Ratio Lower Upper

139 100

109 27.8 20.6 31.0

65 63.2 34.3 51.5#



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

7.73

30000

25000

20000

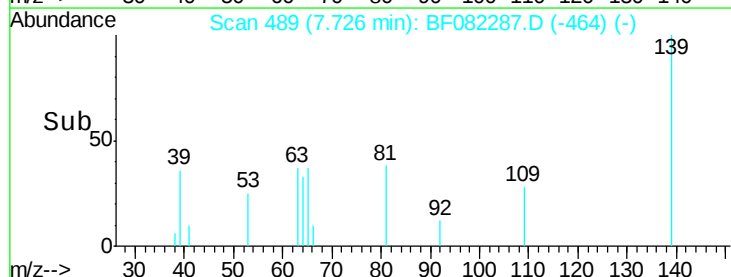
15000

10000

5000

0

Time--> 7.70 7.75 7.80

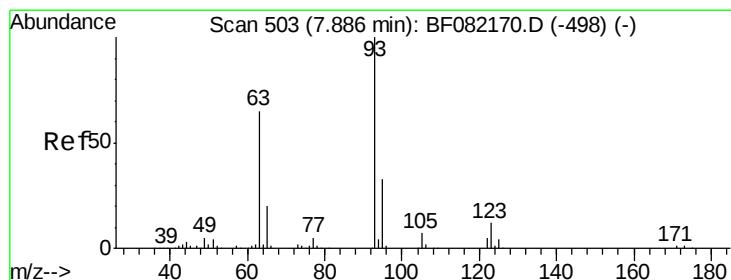
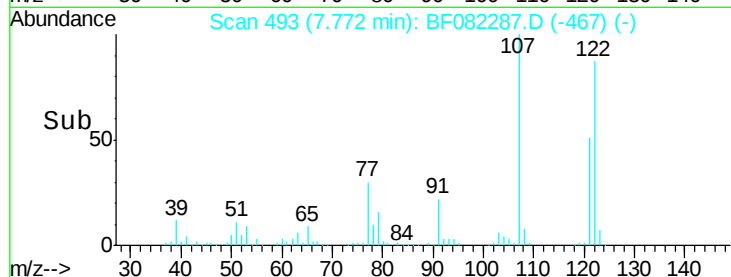
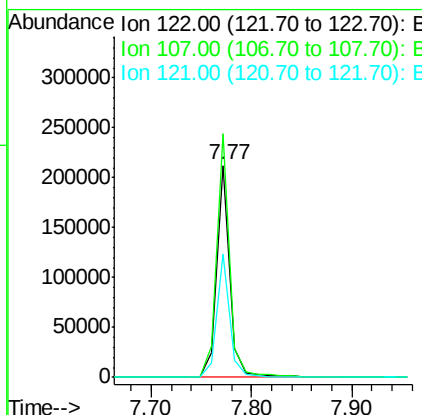
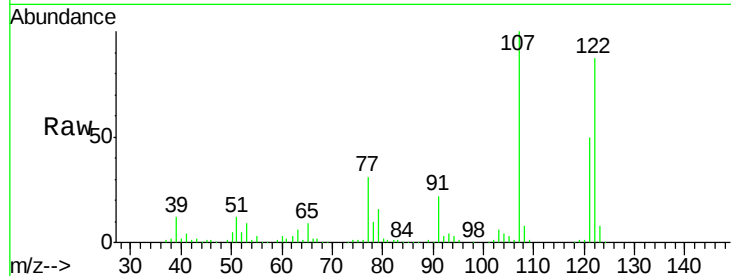




#27
 2,4-Dimethylphenol
 Concen: 47.26 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

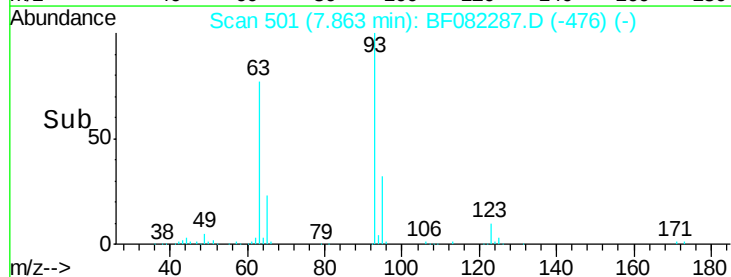
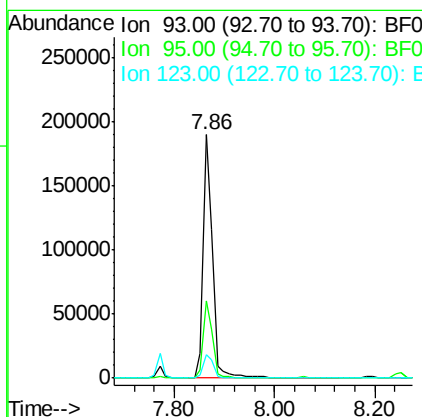
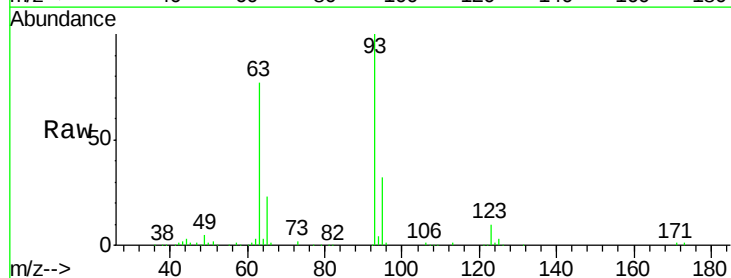
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

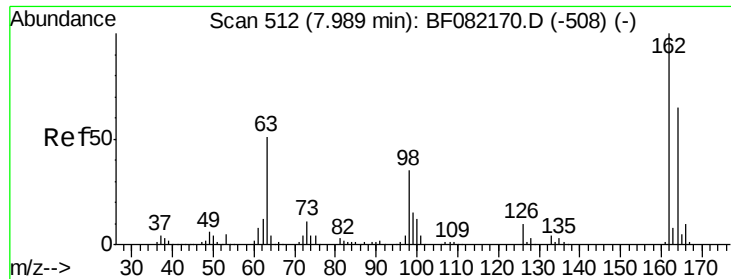
Tot Ion:122 Resp: 192578
 Ion Ratio Lower Upper
 122 100
 107 114.8 94.0 141.0
 121 57.9 46.8 70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.93 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion: 93 Resp: 246897
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.6 39.8
 123 9.8 9.5 14.3

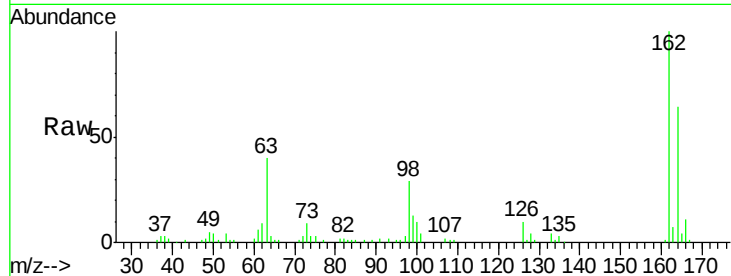




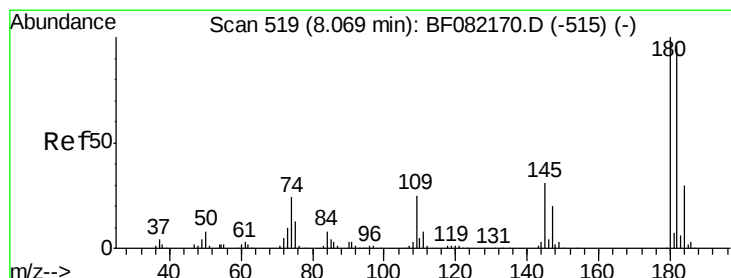
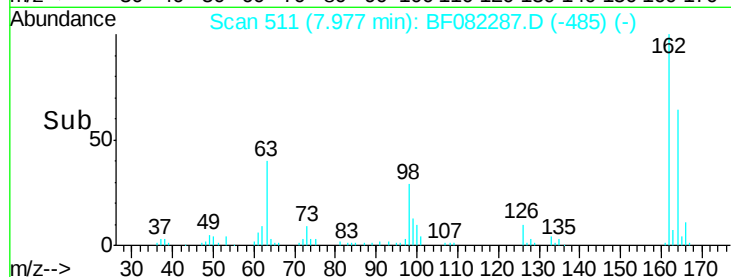
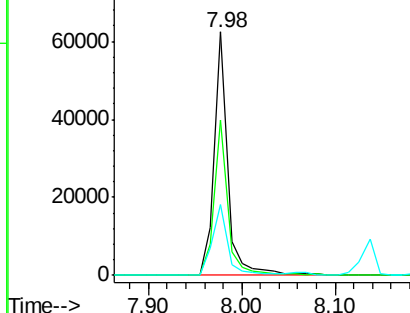
#29
 2,4-Dichlorophenol
 Concen: 15.65 ng
 RT: 7.98 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:162 Resp: 63731
 Ion Ratio Lower Upper
 162 100
 164 63.9 44.6 84.6
 98 29.0 15.0 55.0

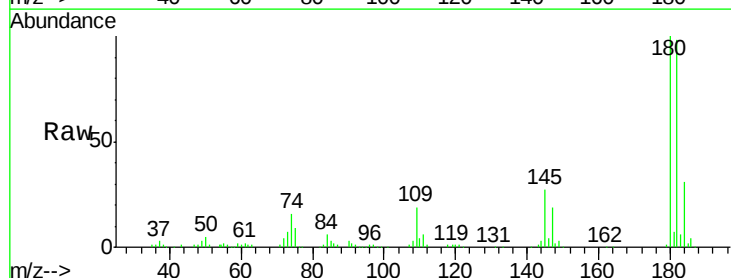


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

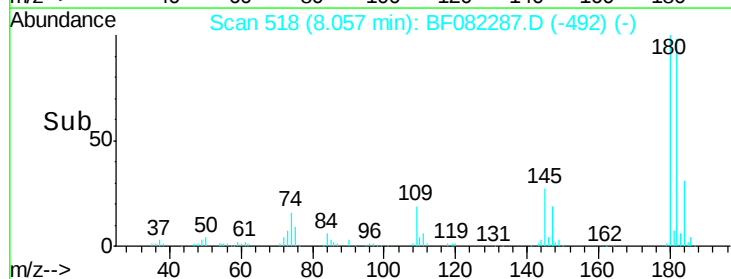
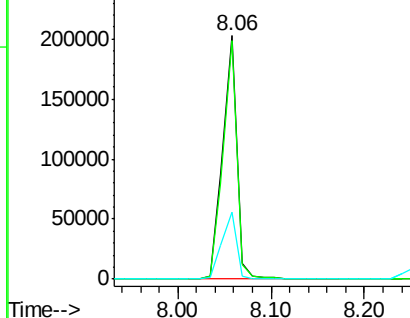


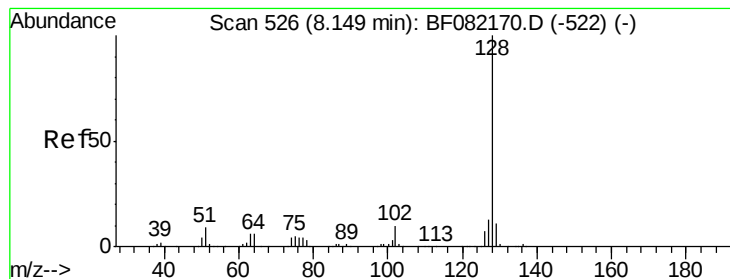
#30
 1,2,4-Trichlorobenzene
 Concen: 45.76 ng
 RT: 8.06 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:180 Resp: 214830
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.0 115.4
 145 27.5 25.0 37.4



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





#31

Naphthalene

Concen: 48.00 ng

RT: 8.14 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

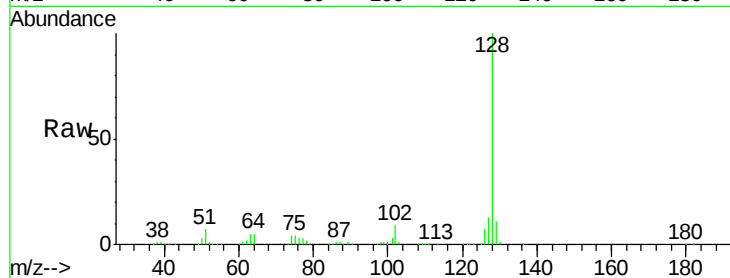
Tot Ion:128 Resp: 653854

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

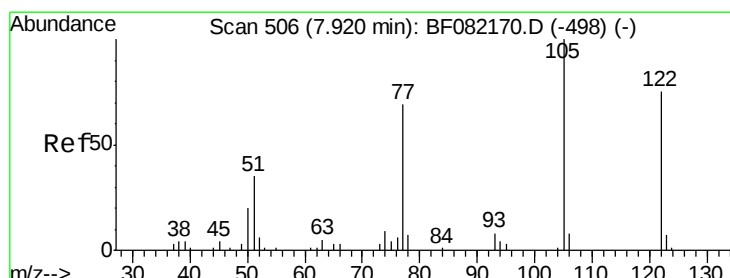
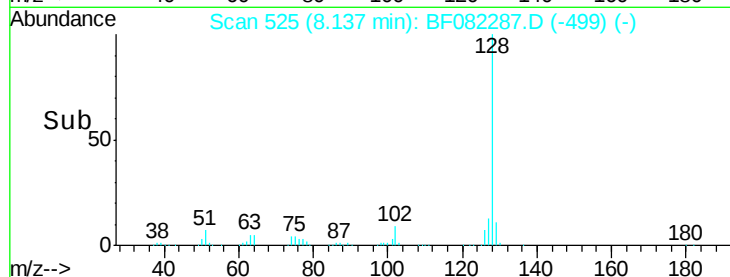
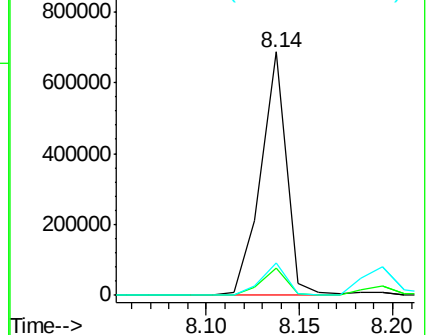
127 13.4 10.7 16.1



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: 70.42 ng

RT: 7.77 min Scan# 493

Delta R.T. -0.11 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

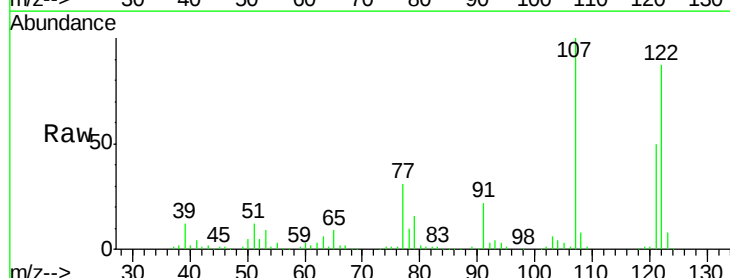
Tgt Ion:122 Resp: 192578

Ion Ratio Lower Upper

122 100

105 3.9 104.4 144.4#

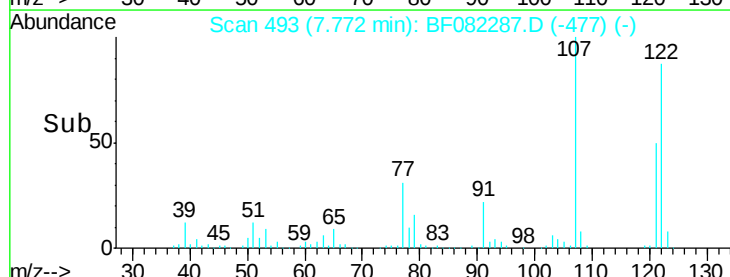
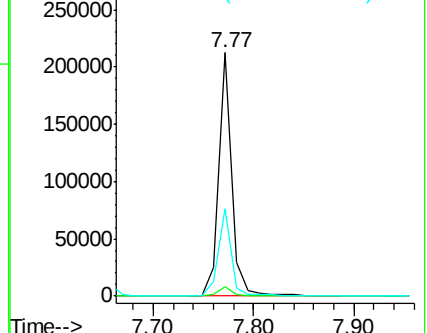
77 35.9 69.0 109.0#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

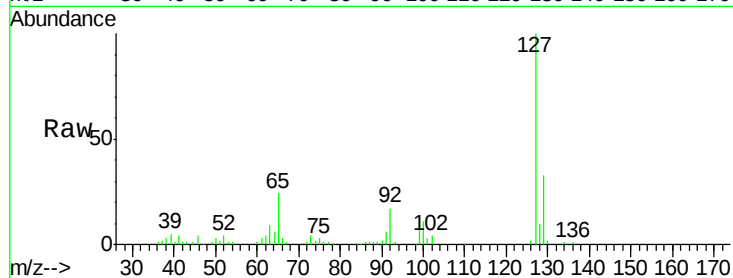




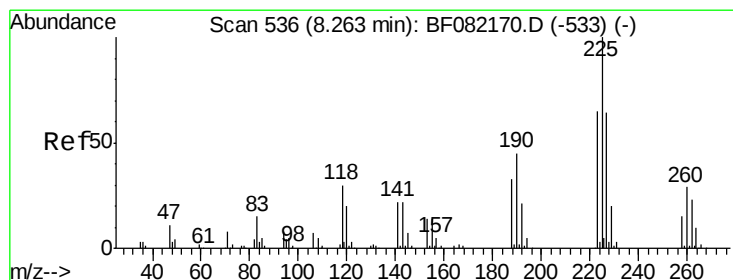
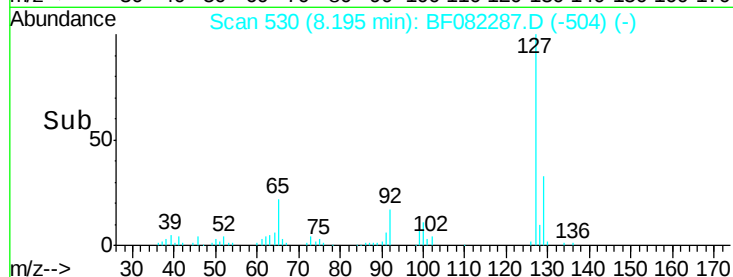
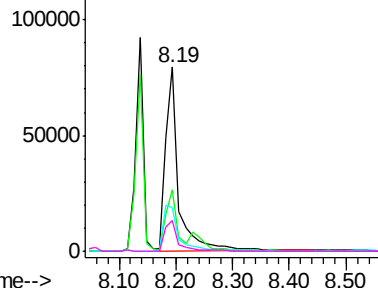
#33
4-Chloroaniline
Concen: 22.17 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion:	127	Resp:	125427
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	23.6	24.4	36.6
92	16.6	15.7	23.5

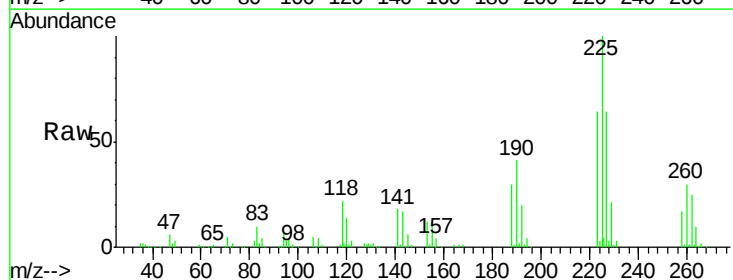


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

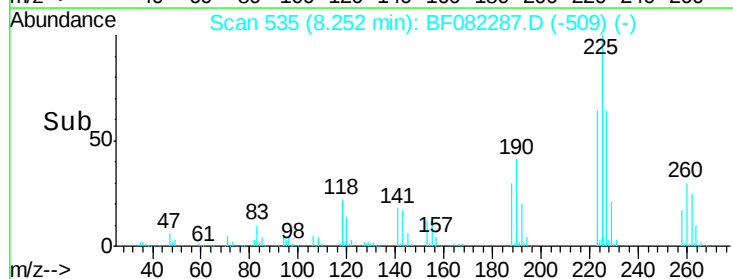
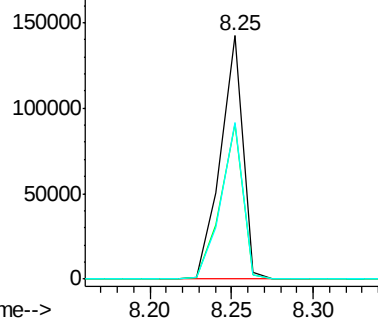


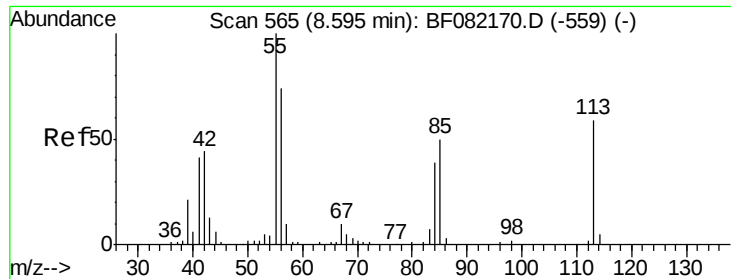
#34
Hexachlorobutadiene
Concen: 46.53 ng
RT: 8.25 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:	225	Resp:	136106
Ion	Ratio	Lower	Upper
225	100		
223	63.8	52.2	78.2
227	64.5	51.3	76.9



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

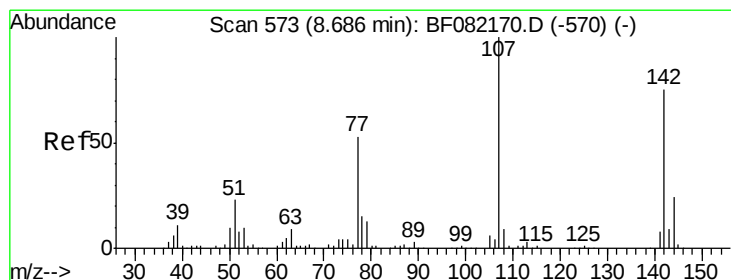
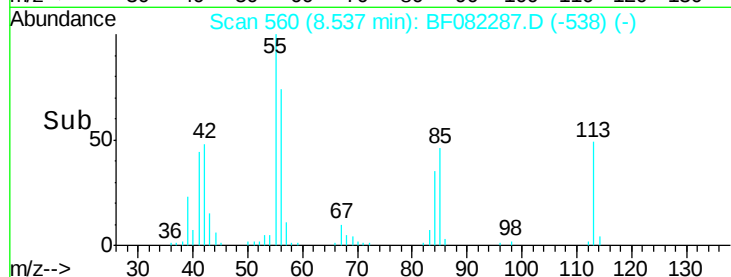
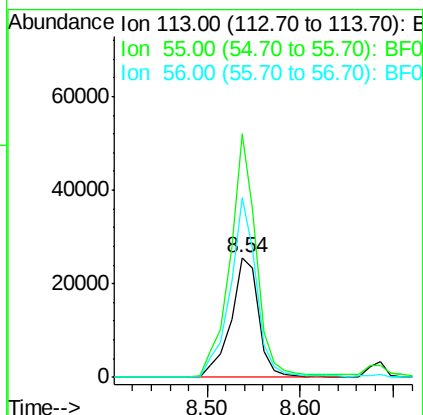
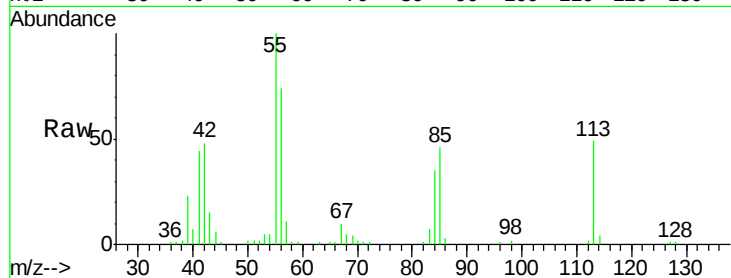




#35
Caprolactam
Concen: 44.92 ng
RT: 8.54 min Scan# 560
Delta R.T. -0.05 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

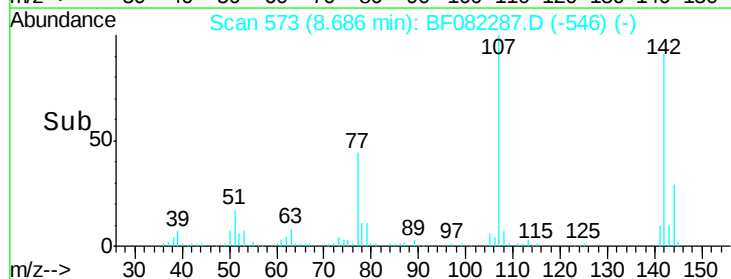
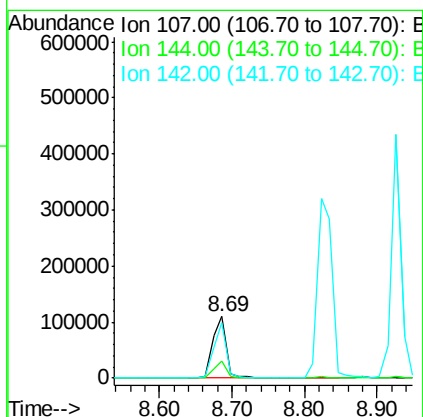
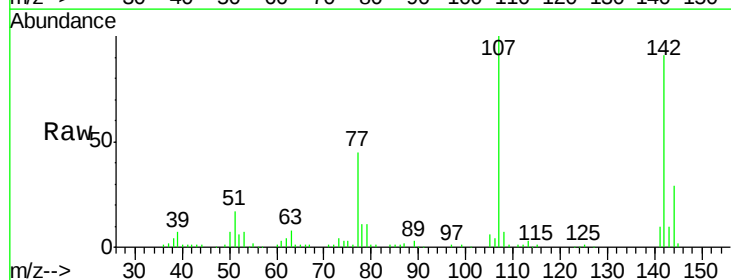
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

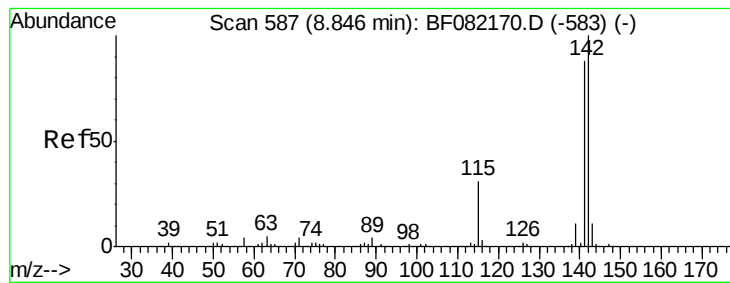
Tot Ion:113 Resp: 53107
Ion Ratio Lower Upper
113 100
55 202.8 149.7 189.7#
56 150.1 105.4 145.4#



#36
4-Chloro-3-methylphenol
Concen: 36.91 ng
RT: 8.69 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:107 Resp: 147005
Ion Ratio Lower Upper
107 100
144 28.9 19.3 28.9
142 90.8 59.9 89.9#

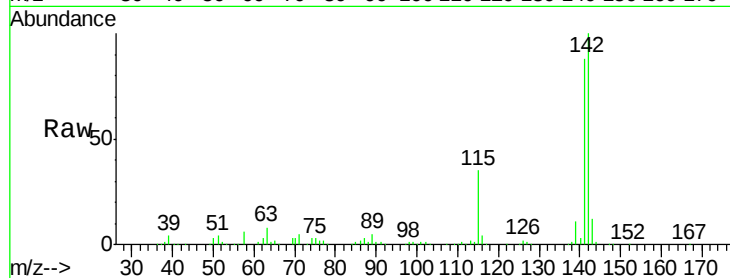




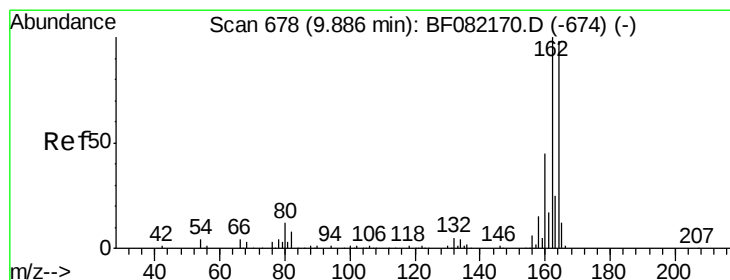
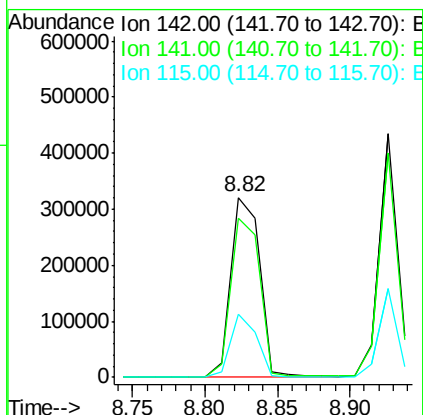
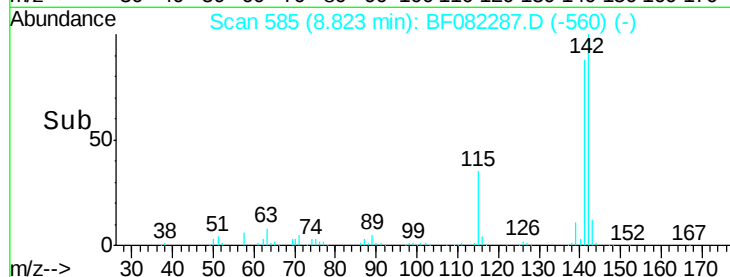
#37
2-Methylnaphthalene
Concen: 47.21 ng
RT: 8.82 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion:142 Resp: 445815
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 35.3 24.6 37.0

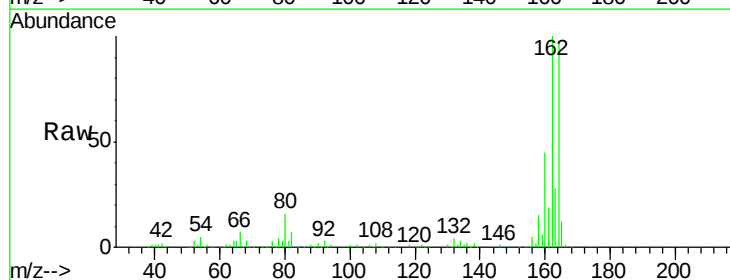


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

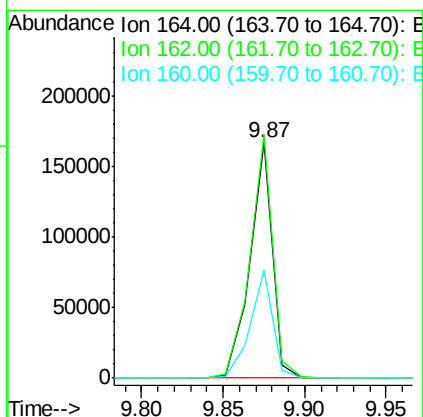
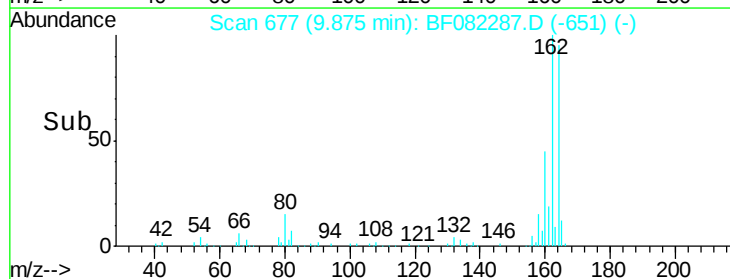


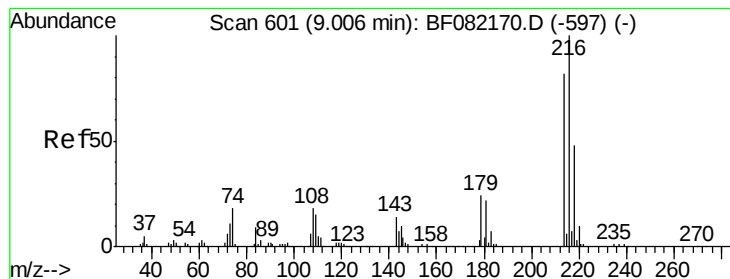
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:164 Resp: 158331
Ion Ratio Lower Upper
164 100
162 103.2 81.6 122.4
160 46.0 36.4 54.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.96 ng

RT: 8.99 min Scan# 600

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

Tot Ion:216 Resp: 225872

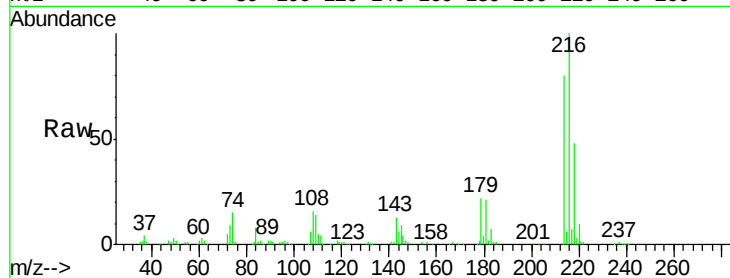
Ion Ratio Lower Upper

216 100

214 79.0 64.6 97.0

179 21.7 17.6 26.4

108 18.3 14.5 21.7

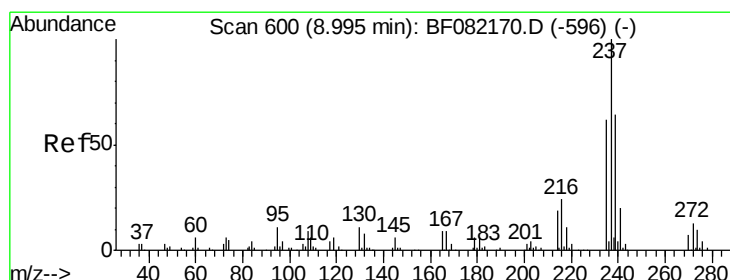
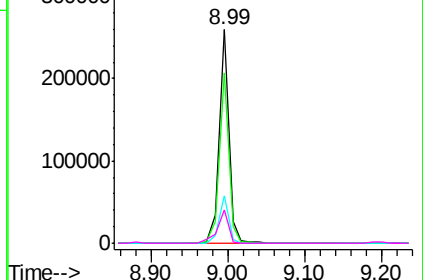
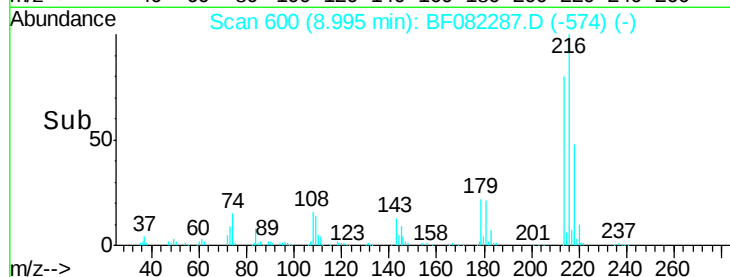


Abundance Ion 216.00 (215.70 to 216.70): E

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: 74.90 ng

RT: 8.98 min Scan# 599

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

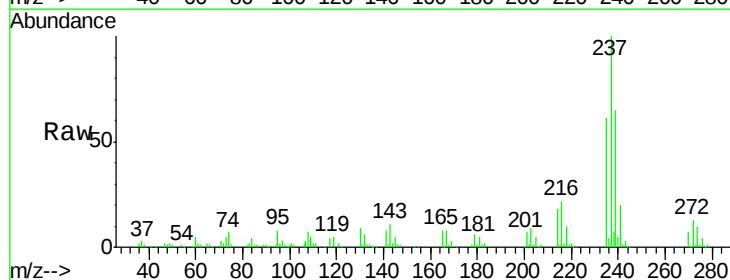
Tgt Ion:237 Resp: 177072

Ion Ratio Lower Upper

237 100

235 60.6 41.7 81.7

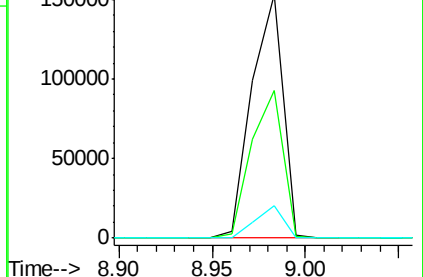
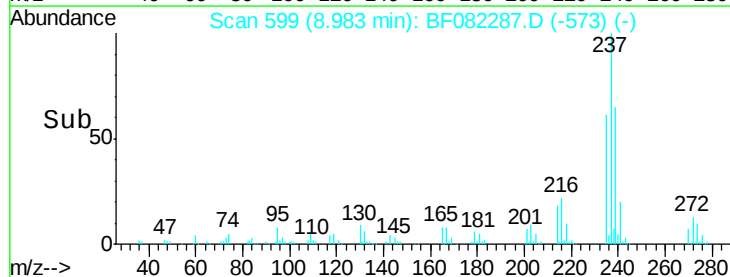
272 13.3 0.0 32.8



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

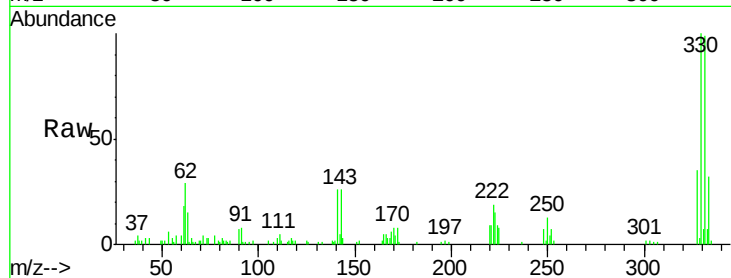




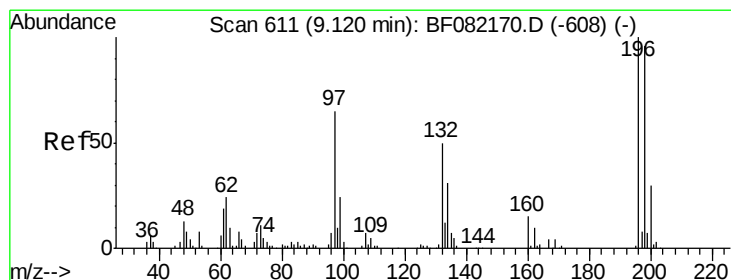
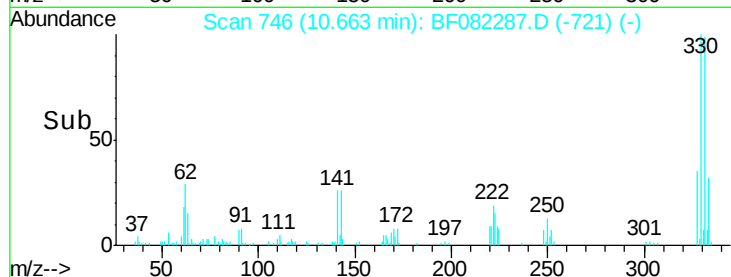
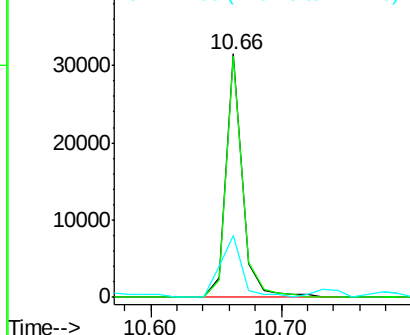
#41
 2,4,6-Tribromophenol
 Concen: 18.68 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:330 Resp: 27735
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.1 115.7
 141 33.8 29.8 44.8

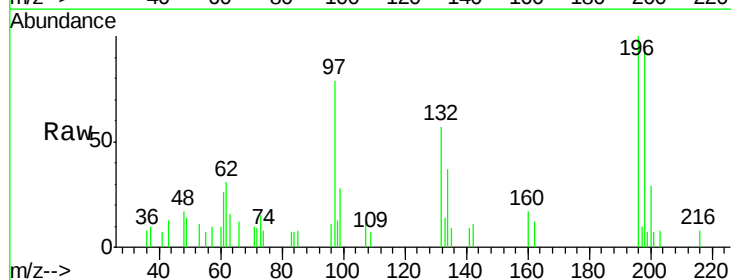


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

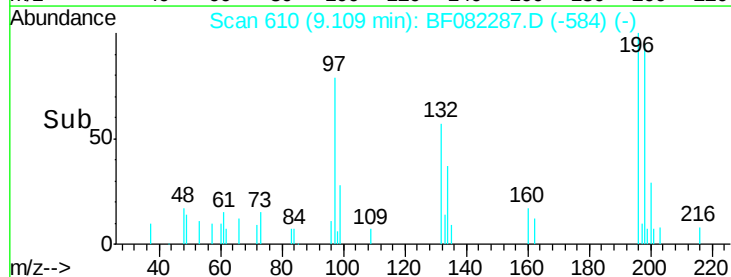
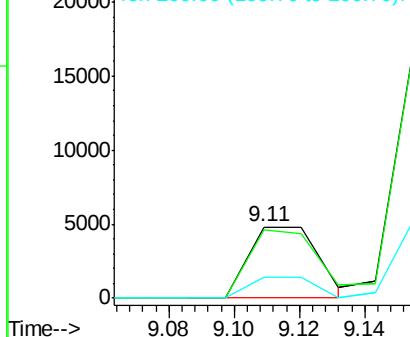


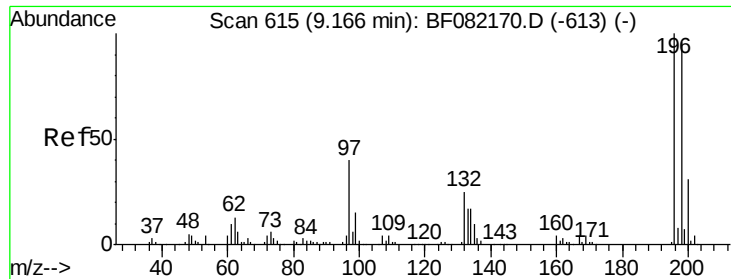
#42
 2,4,6-Trichlorophenol
 Concen: 2.27 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:196 Resp: 7104
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.6 115.0
 200 29.3 23.7 35.5



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

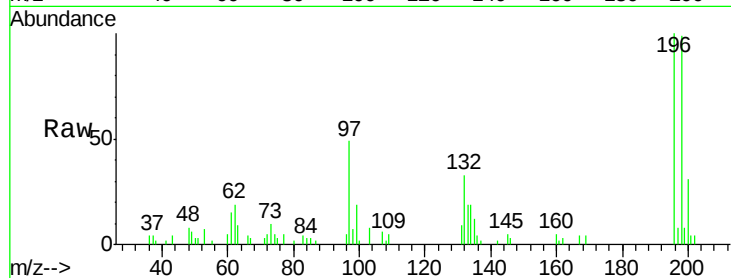




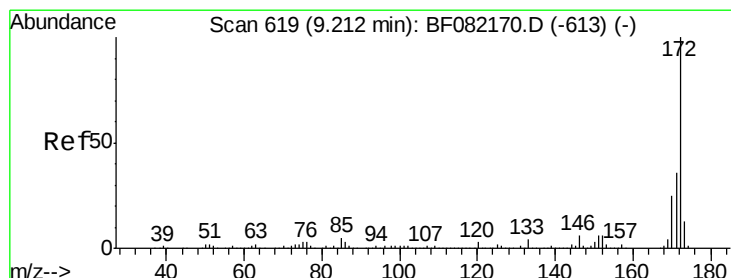
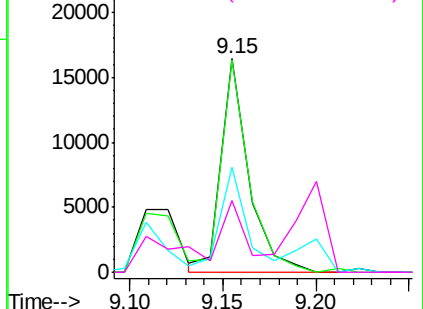
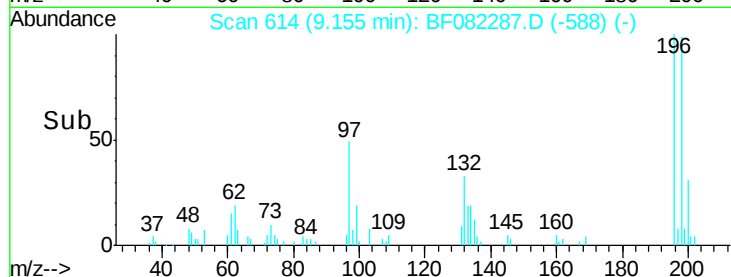
#43
 2,4,5-Trichlorophenol
 Concen: 5.03 ng
 RT: 9.15 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:196 Resp: 17049
 Ion Ratio Lower Upper
 196 100
 198 99.4 77.0 115.4
 97 48.9 31.9 47.9#
 132 33.3 20.3 30.5#

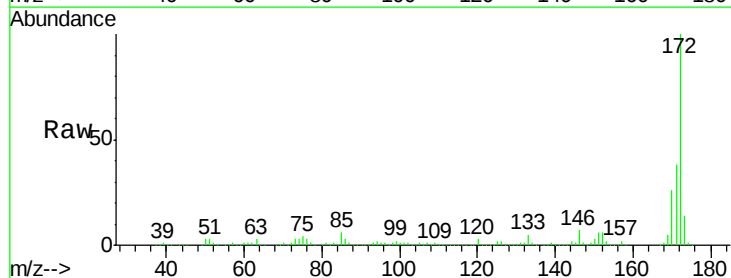


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

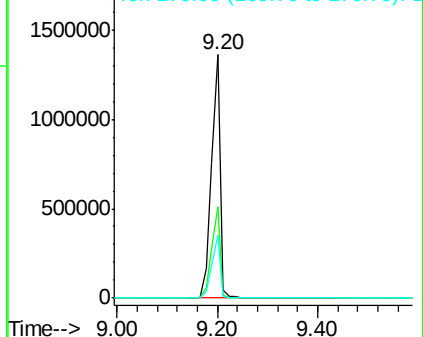
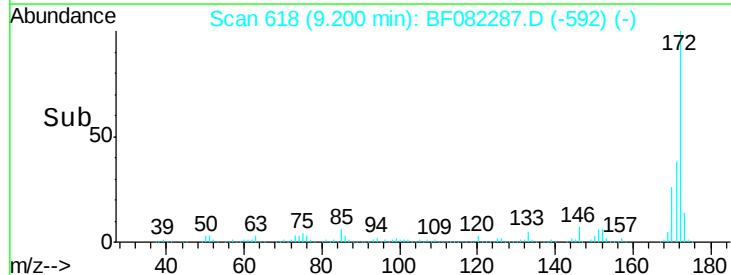


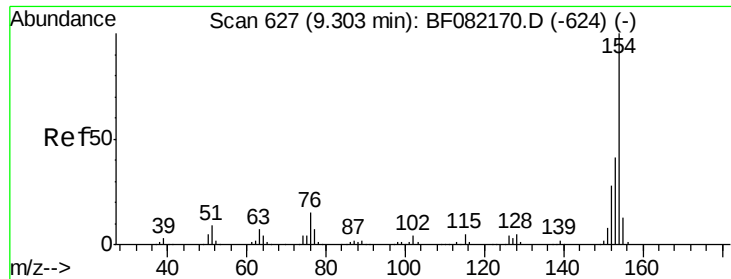
#44
 2-Fluorobiphenyl
 Concen: 171.08 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:172 Resp: 1633386
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 42.8
 170 25.7 19.7 29.5



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

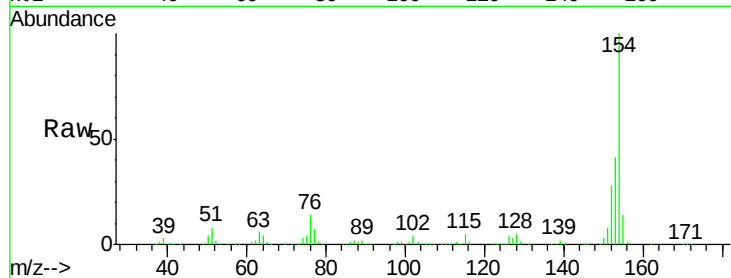




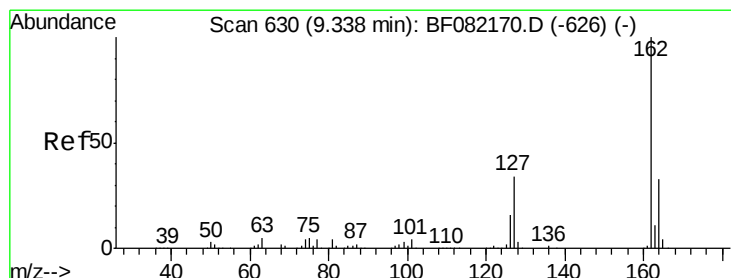
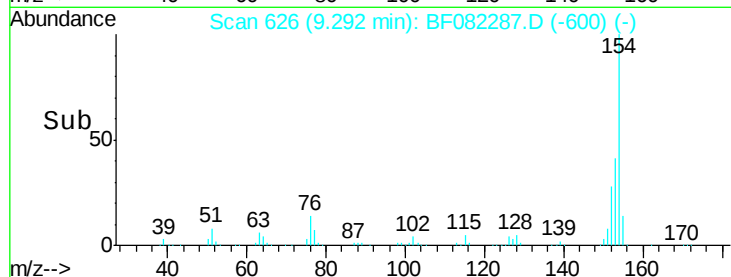
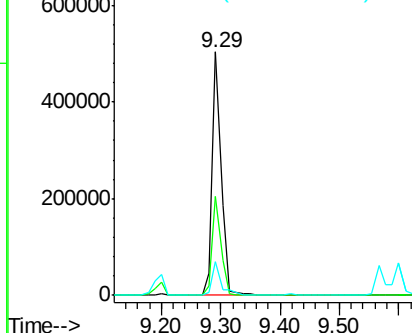
#45
 1,1'-Biphenyl
 Concen: 43.70 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

Tot Ion:	154	Resp:	527653
Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	13.7	0.0	35.2

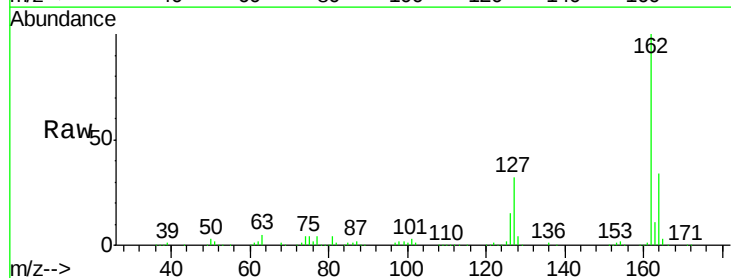


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

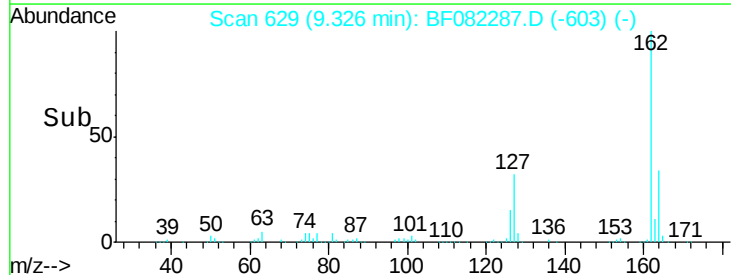
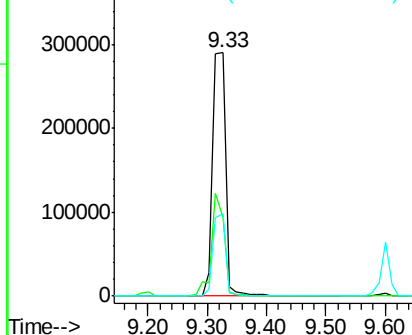


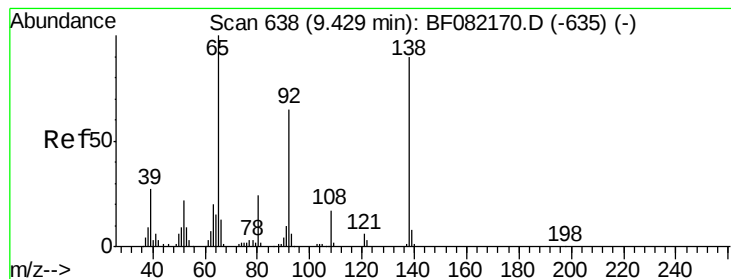
#46
 2-Chloronaphthalene
 Concen: 46.13 ng
 RT: 9.33 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:	162	Resp:	438458
Ion	Ratio	Lower	Upper
162	100		
127	32.3	27.5	41.3
164	33.8	26.6	39.8



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: 48.08 ng

RT: 9.42 min Scan# 637

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

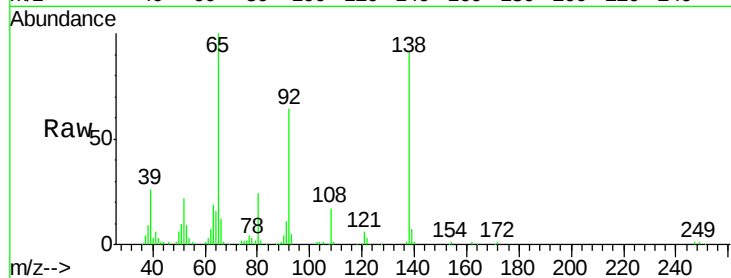
Tot Ion: 65 Resp: 125453

Ion Ratio Lower Upper

65 100

92 64.1 52.3 78.5

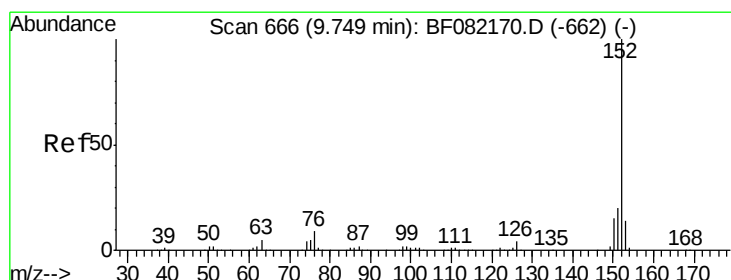
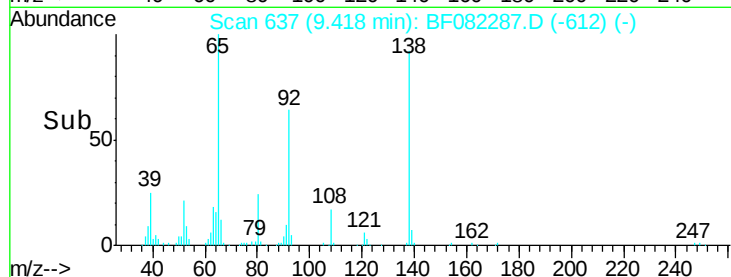
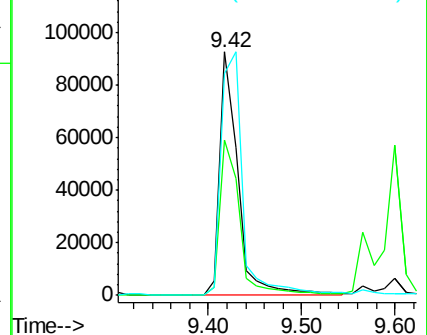
138 91.4 72.2 108.4



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 49.54 ng

RT: 9.74 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

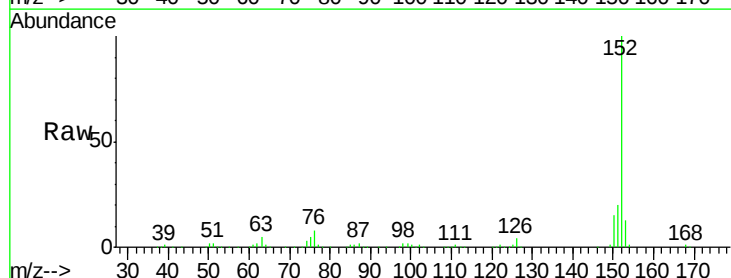
Tgt Ion: 152 Resp: 733523

Ion Ratio Lower Upper

152 100

151 20.1 16.4 24.6

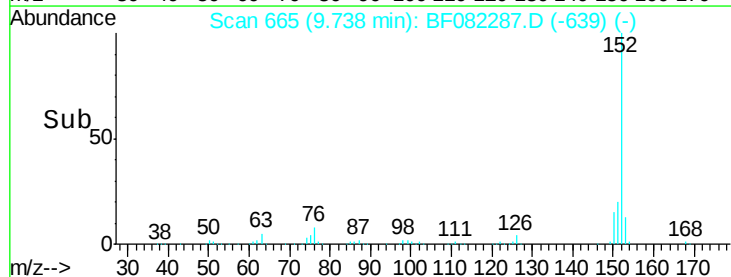
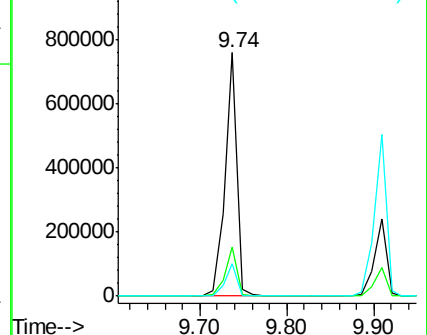
153 13.3 10.8 16.2

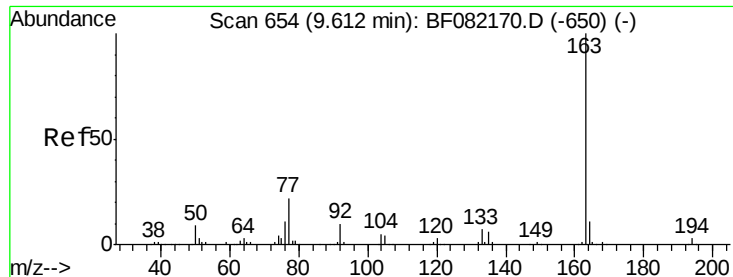


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

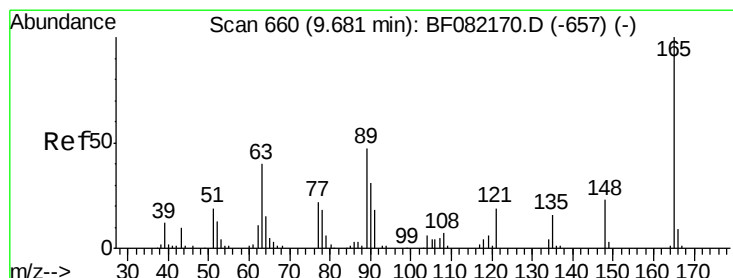
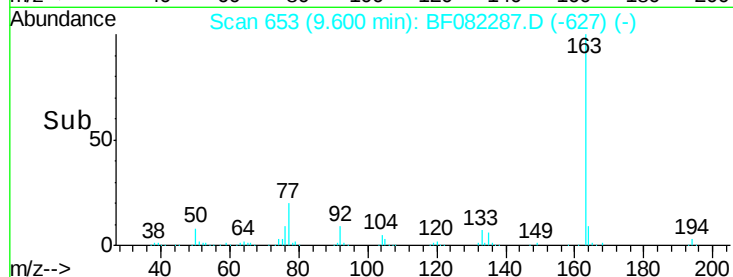
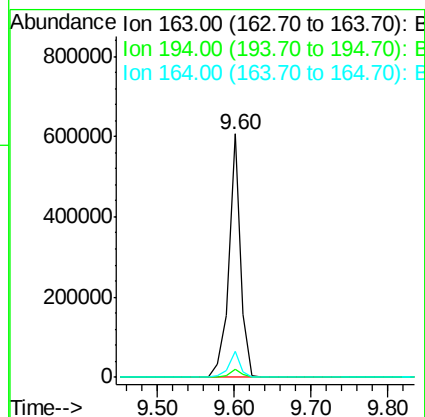
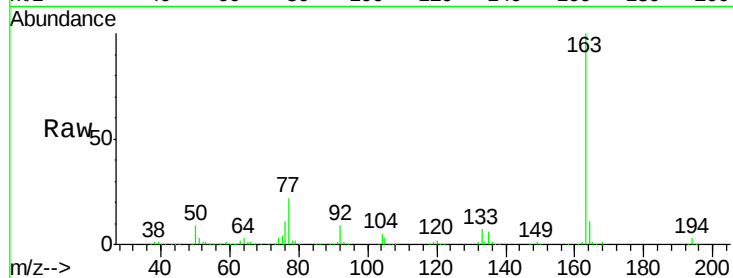




#49
Dimethylphthalate
Concen: 59.09 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

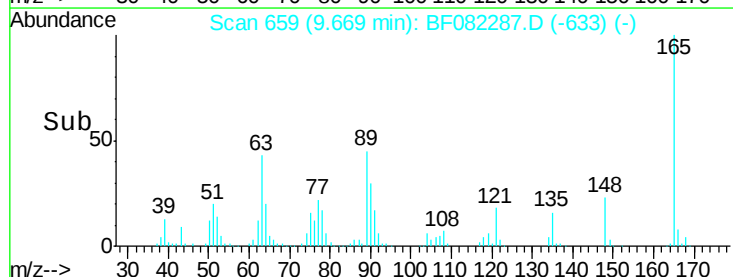
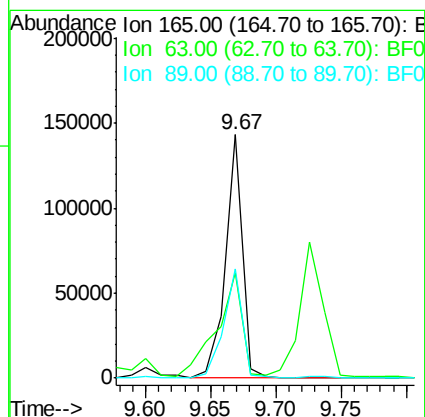
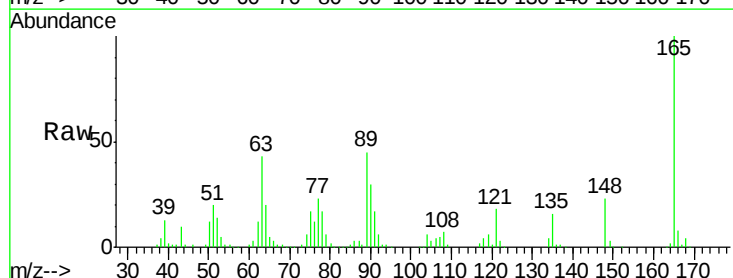
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

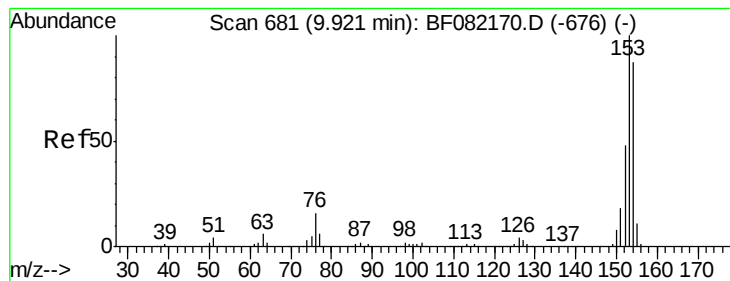
Tot Ion:163 Resp: 658763
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.5 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 55.68 ng
RT: 9.67 min Scan# 659
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:165 Resp: 130986
Ion Ratio Lower Upper
165 100
63 43.2 36.7 55.1
89 44.8 37.8 56.6





#51

Acenaphthene

Concen: 48.03 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

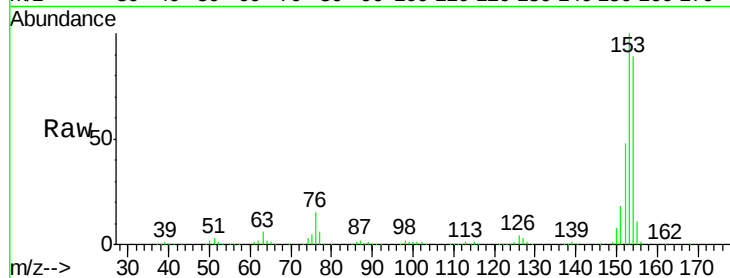
Tot Ion:154 Resp: 426918

Ion Ratio Lower Upper

154 100

153 112.9 91.4 137.2

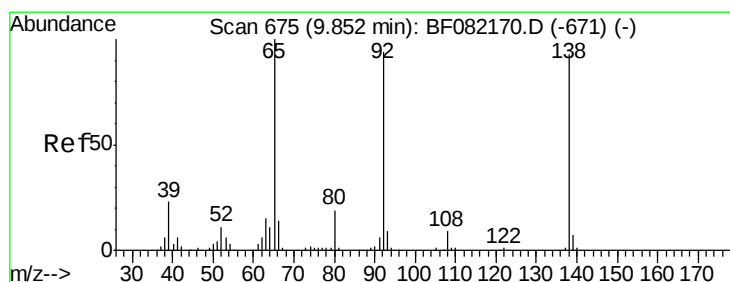
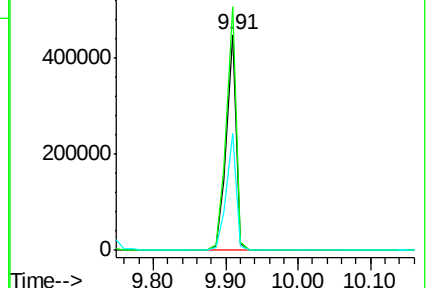
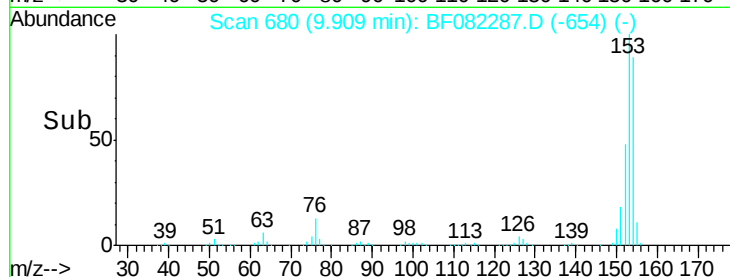
152 54.3 44.3 66.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.92 ng

RT: 9.84 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

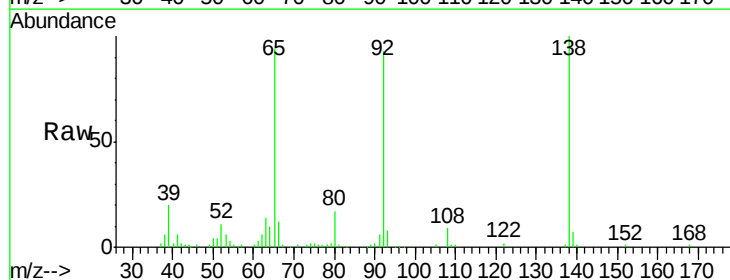
Tgt Ion:138 Resp: 103419

Ion Ratio Lower Upper

138 100

108 9.3 7.4 11.0

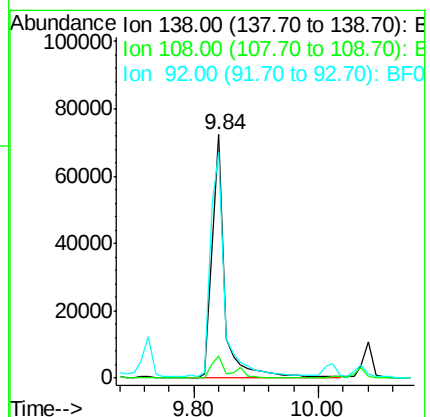
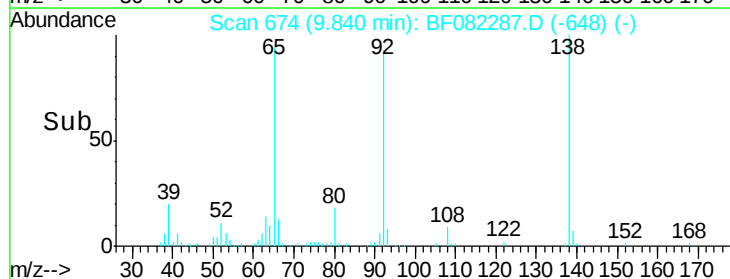
92 92.8 81.3 121.9

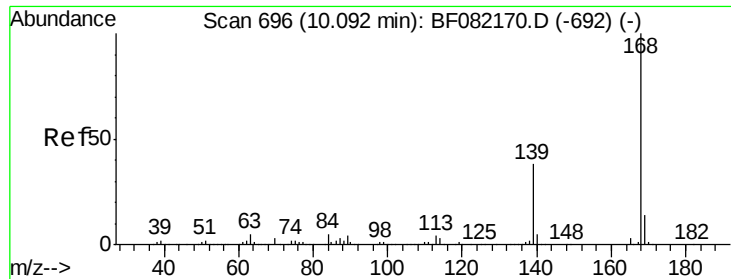


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

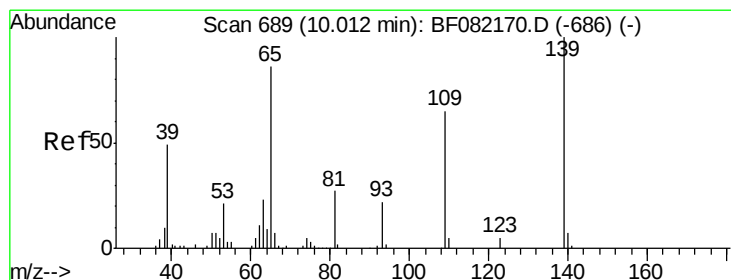
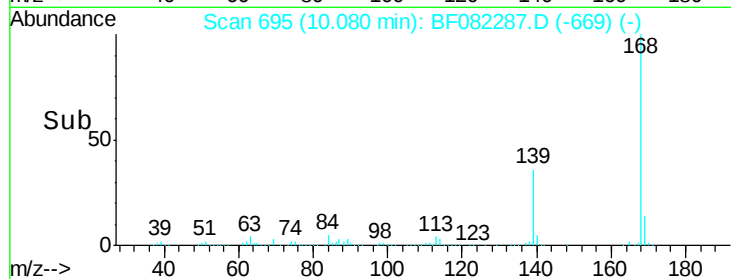
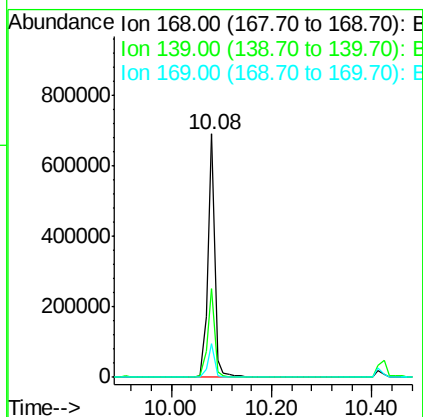
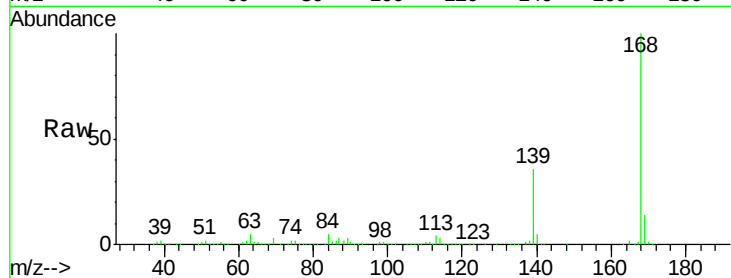




#54
Dibenzofuran
Concen: 54.43 ng
RT: 10.08 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

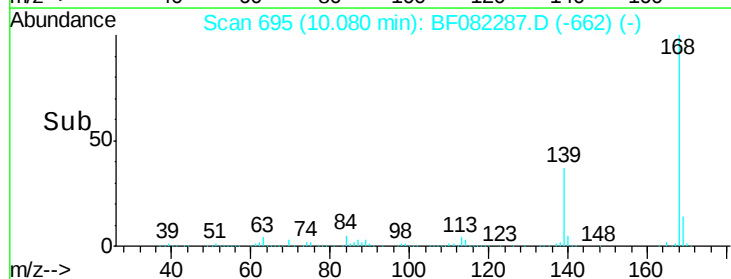
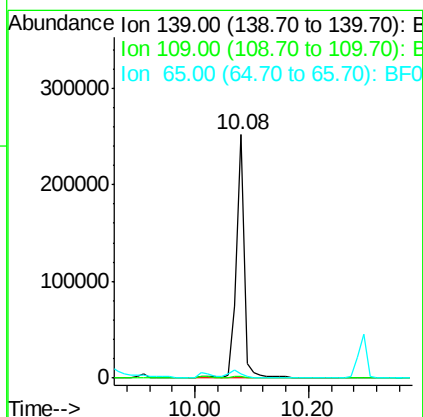
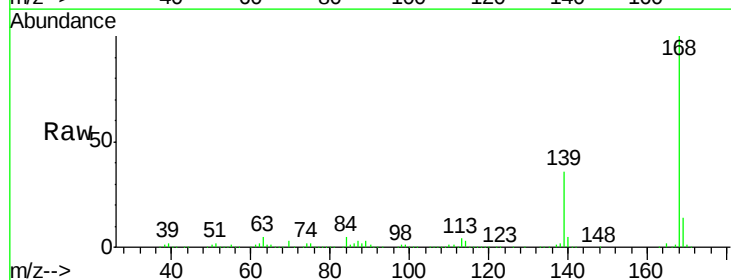
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

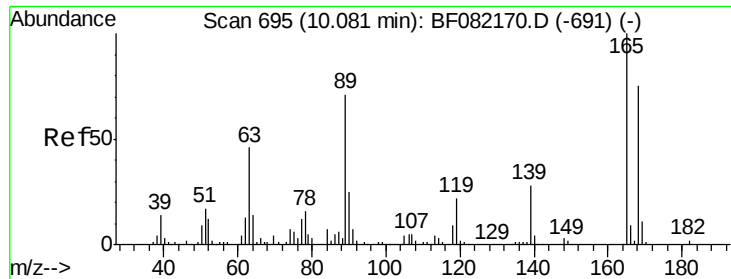
Tot Ion:168 Resp: 664280
Ion Ratio Lower Upper
168 100
139 36.4 31.0 46.6
169 13.7 10.9 16.3



#55
4-Nitrophenol
Concen: 116.53 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.08 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:139 Resp: 253968
Ion Ratio Lower Upper
139 100
109 0.9 44.8 84.8#
65 1.6 67.7 107.7#

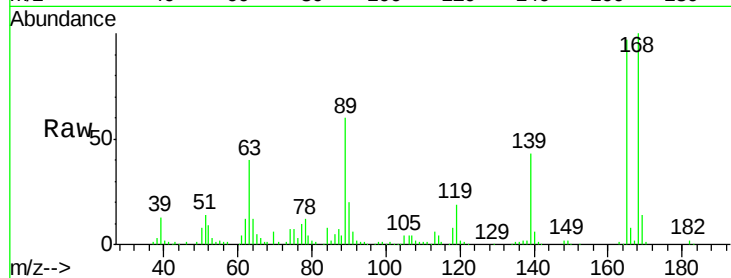




#56
2,4-Dinitrotoluene
Concen: 57.28 ng
RT: 10.07 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.2	38.6	58.0
89	61.9	57.0	85.6
182	2.3	1.8	2.6

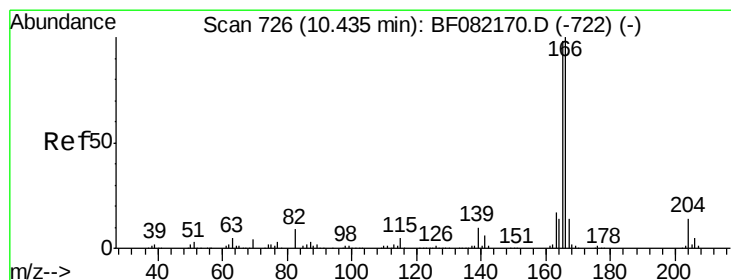
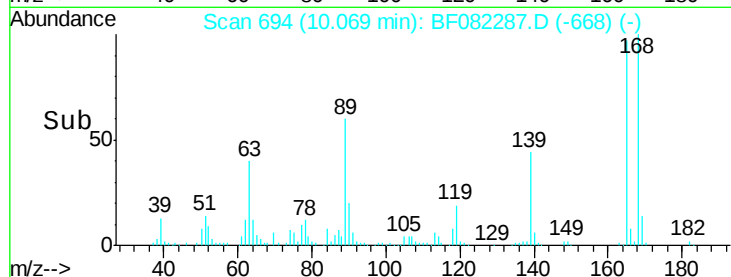
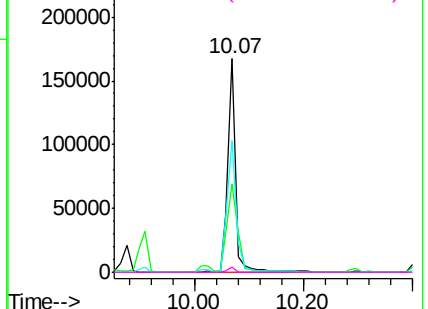


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

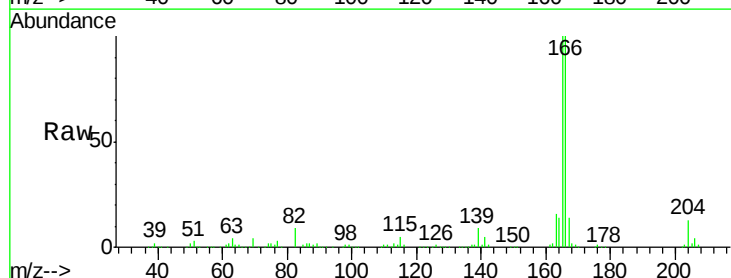
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 51.49 ng
RT: 10.42 min Scan# 725
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

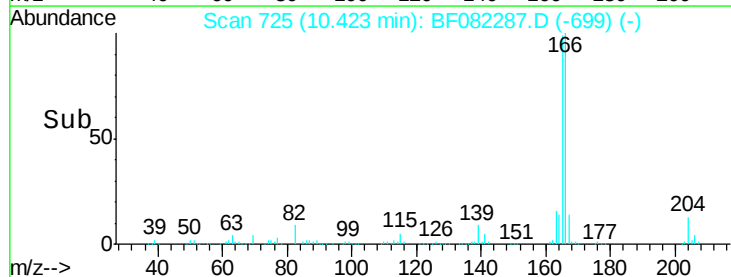
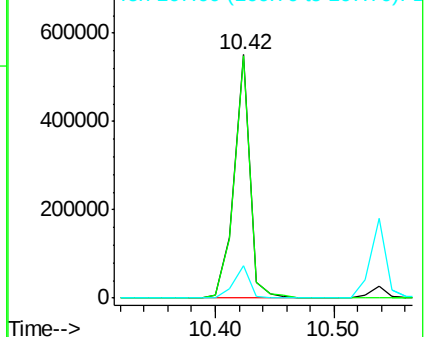
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.3	117.5
167	13.6	10.8	16.2

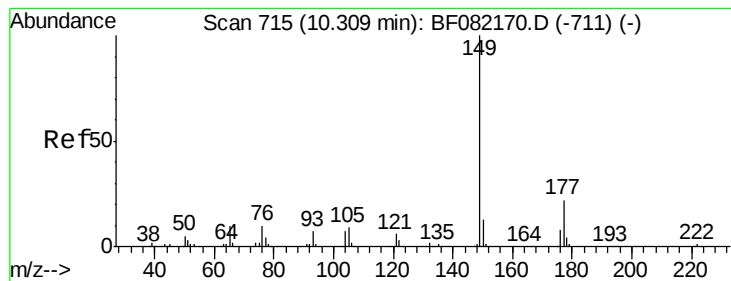


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 52.96 ng

RT: 10.30 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

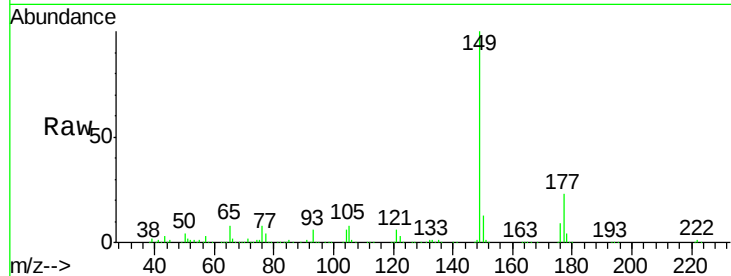
Tot Ion:149 Resp: 550396

Ion Ratio Lower Upper

149 100

177 22.9 17.6 26.4

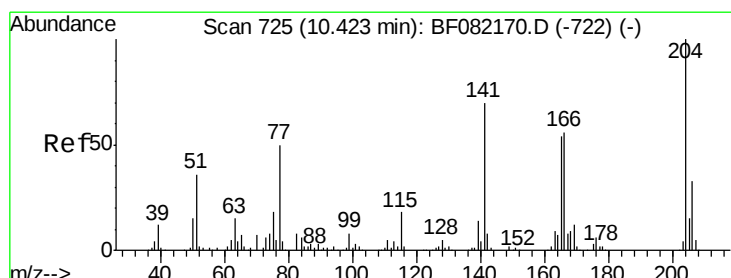
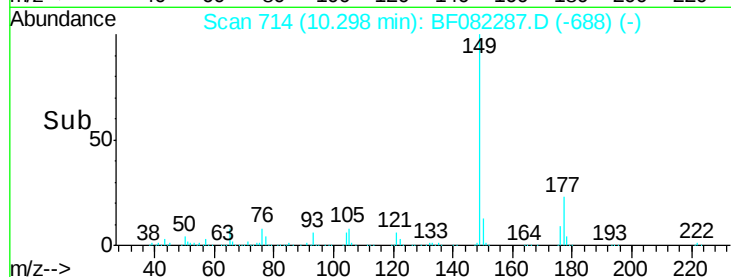
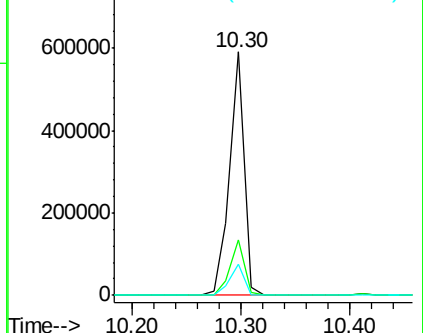
150 12.7 10.3 15.5



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: 46.99 ng

RT: 10.41 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

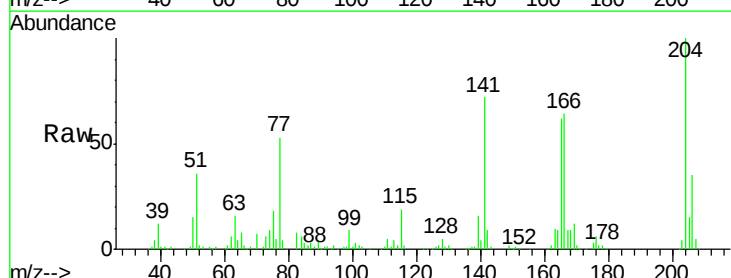
Tgt Ion:204 Resp: 215758

Ion Ratio Lower Upper

204 100

206 34.7 26.8 40.2

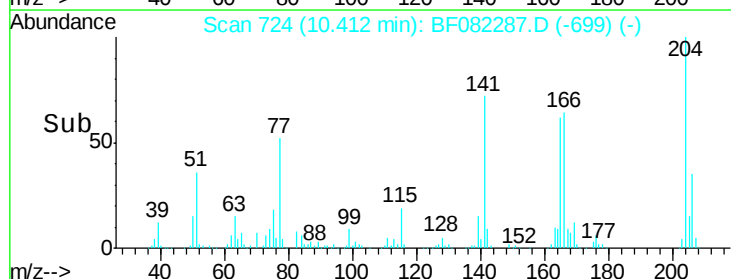
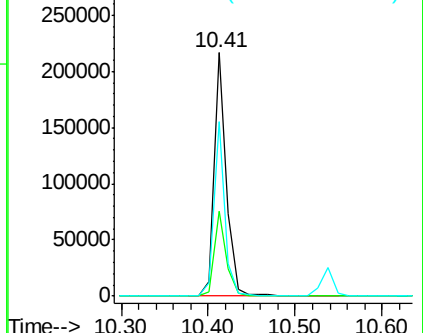
141 71.6 56.1 84.1

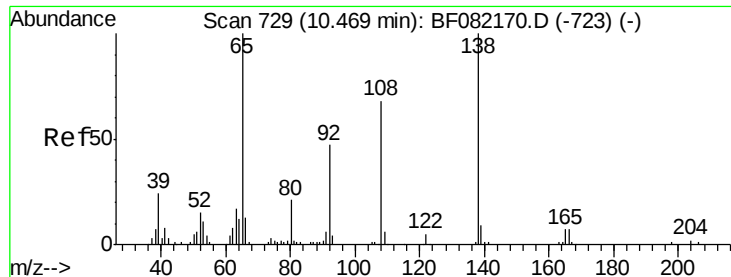


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

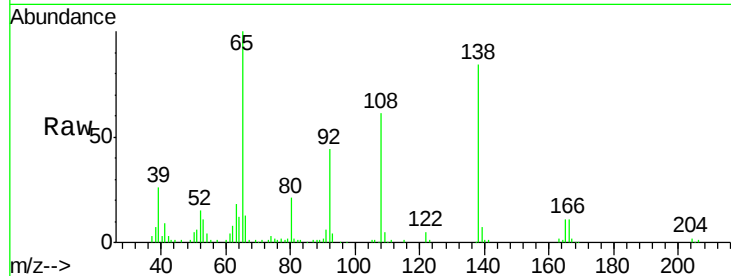




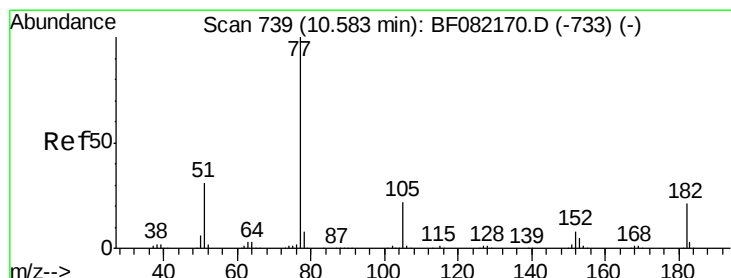
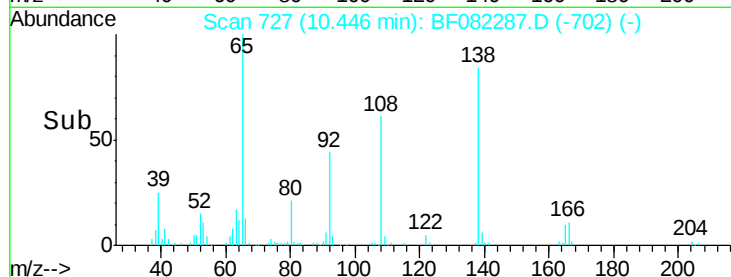
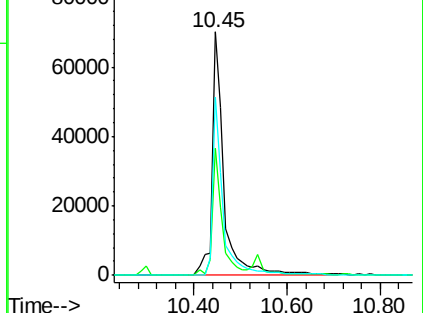
#61
4-Nitroaniline
Concen: 48.94 ng
RT: 10.45 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion:138 Resp: 126131
Ion Ratio Lower Upper
138 100
92 52.4 26.8 66.8
108 73.1 48.4 88.4

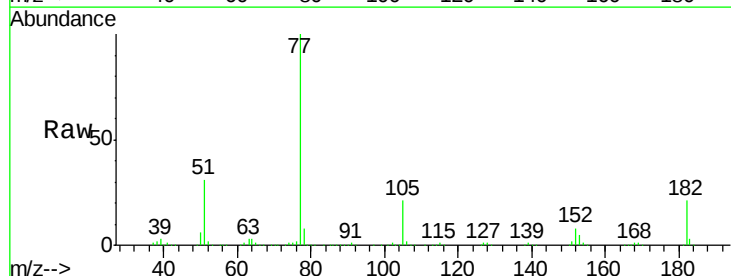


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

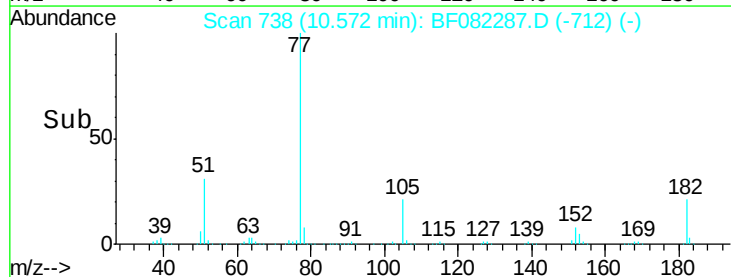
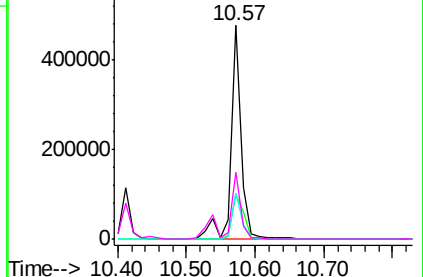


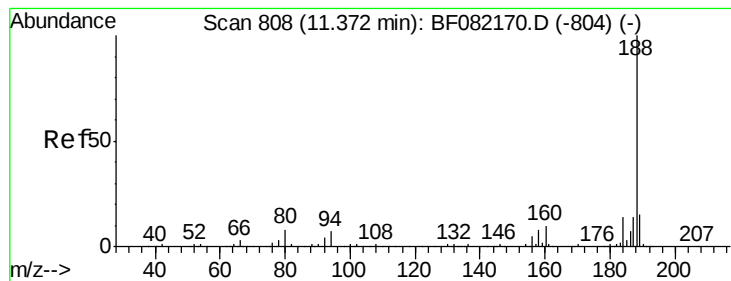
#62
Azobenzene
Concen: 49.09 ng
RT: 10.57 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion: 77 Resp: 499286
Ion Ratio Lower Upper
77 100
182 21.0 0.5 40.5
105 21.5 1.8 41.8
51 31.1 11.2 51.2



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: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

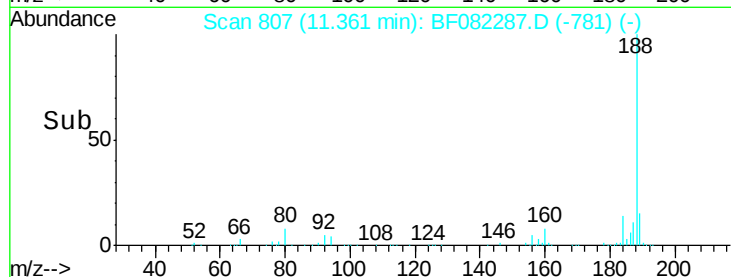
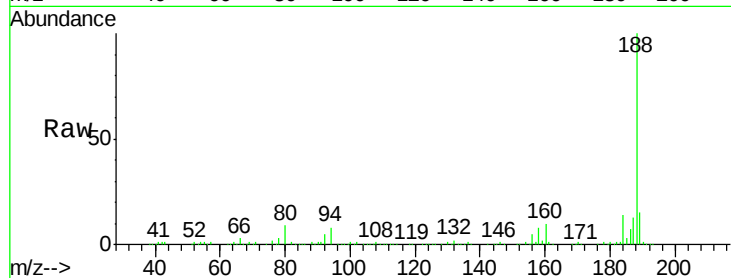
Tot Ion:188 Resp: 298955

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

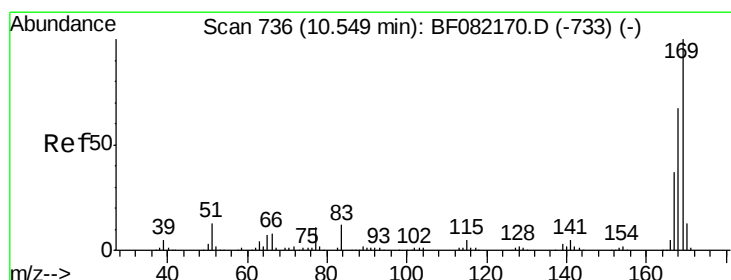
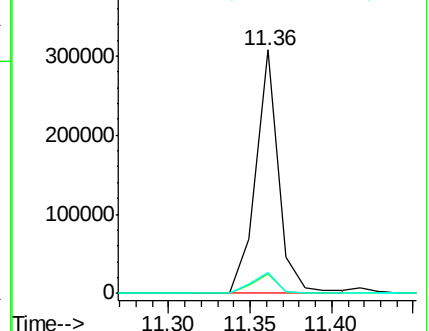
80 8.6 6.4 9.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#65

n-Nitrosodiphenylamine

Concen: 51.57 ng

RT: 10.54 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

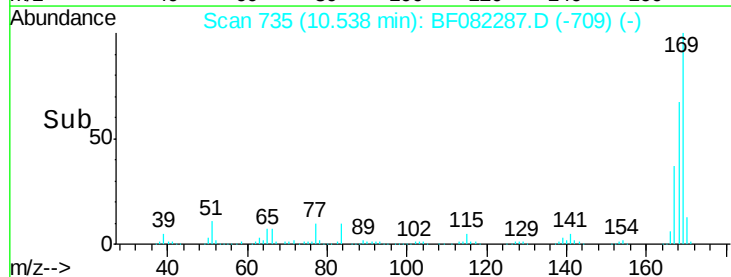
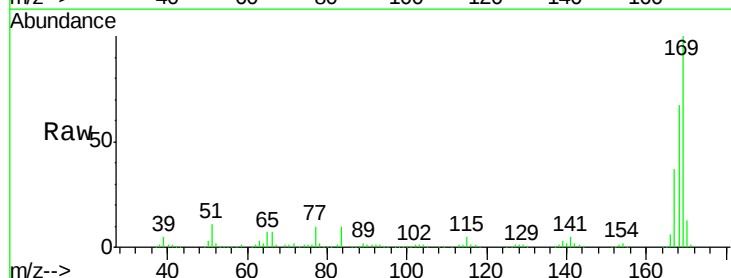
Tgt Ion:169 Resp: 461578

Ion Ratio Lower Upper

169 100

168 66.7 54.0 81.0

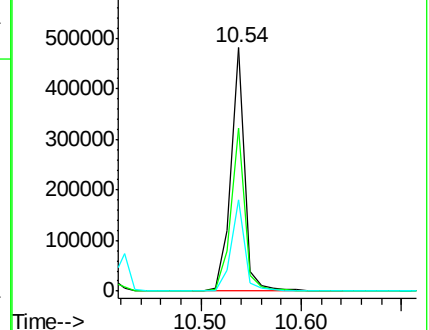
167 37.5 29.6 44.4

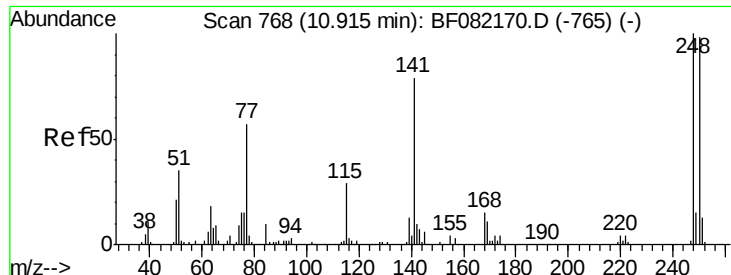


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

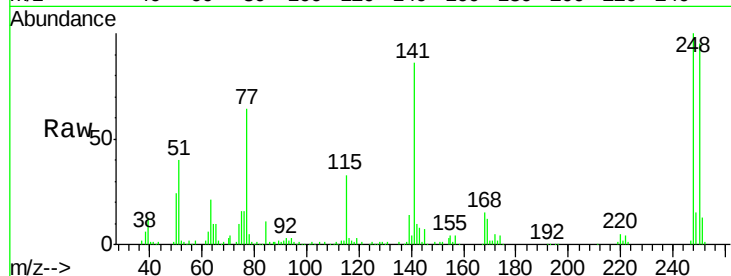




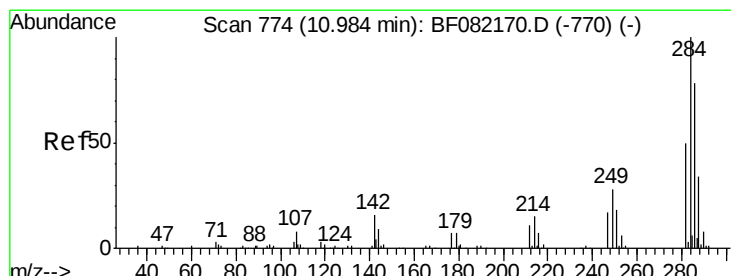
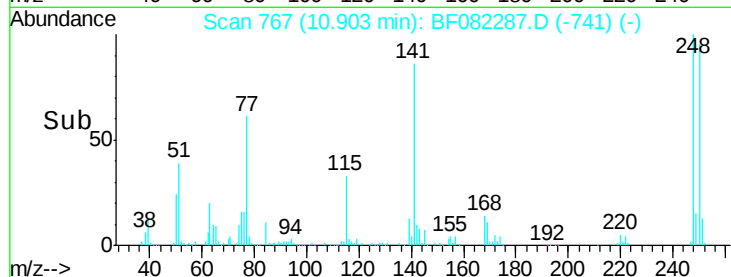
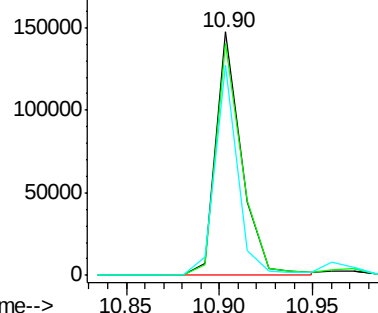
#66
4-Bromophenyl-phenylether
Concen: 47.55 ng
RT: 10.90 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Instrument :
BNA_F
ClientSampleId :
CS-11MSD

Tot Ion:248 Resp: 142270
Ion Ratio Lower Upper
248 100
250 95.2 78.6 117.8
141 86.3 63.3 94.9

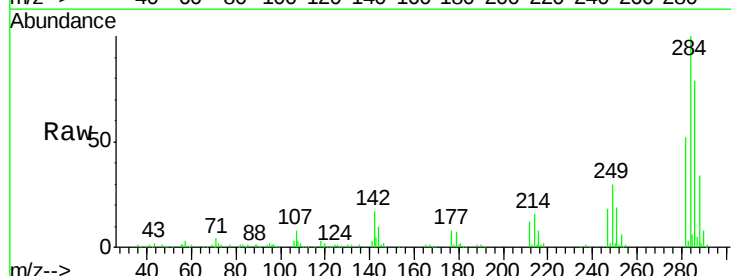


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

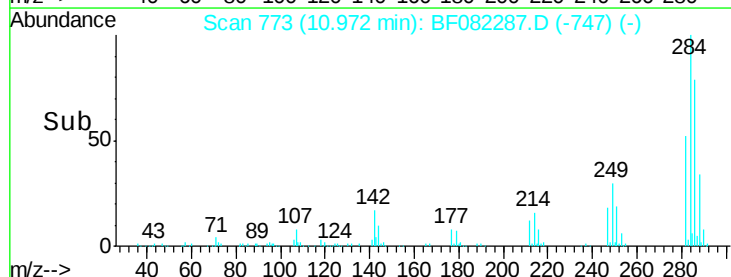
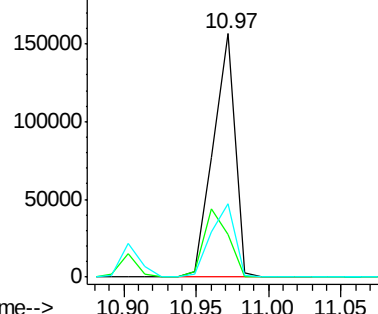


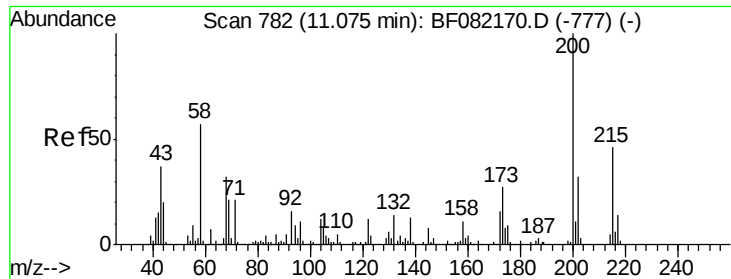
#67
Hexachlorobenzene
Concen: 50.88 ng
RT: 10.97 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:284 Resp: 164623
Ion Ratio Lower Upper
284 100
142 17.5 13.0 19.6
249 29.9 22.5 33.7



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

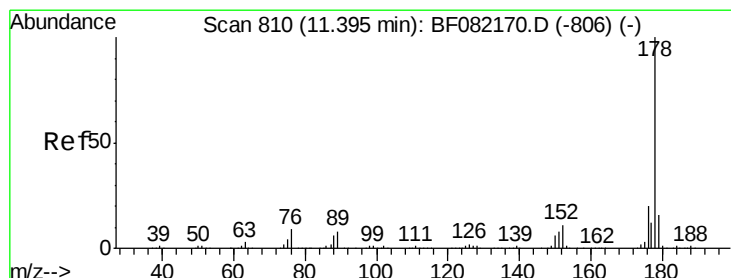
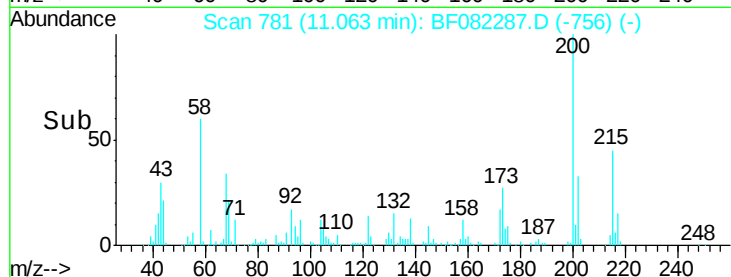
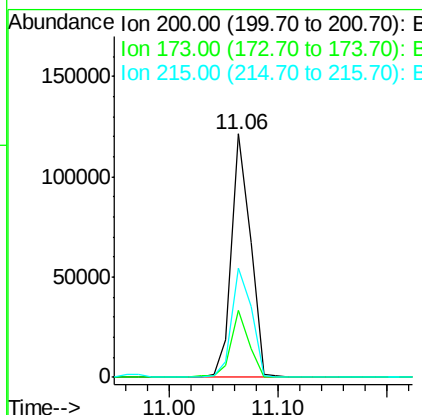
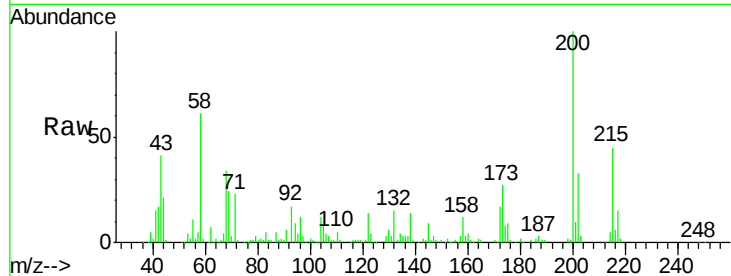




#68
Atrazine
Concen: 51.33 ng
RT: 11.06 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

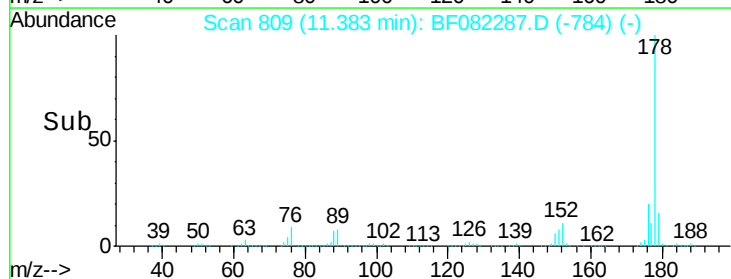
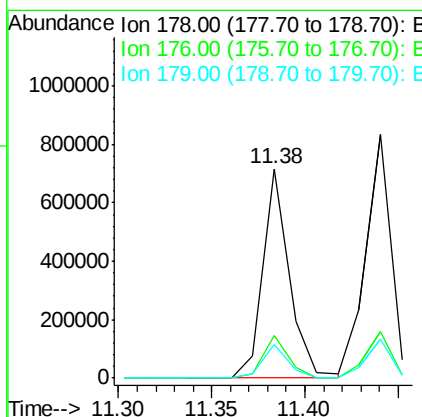
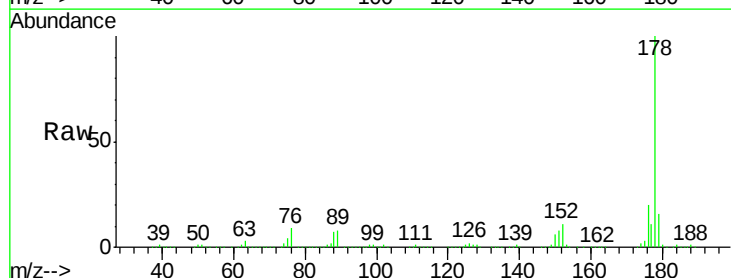
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

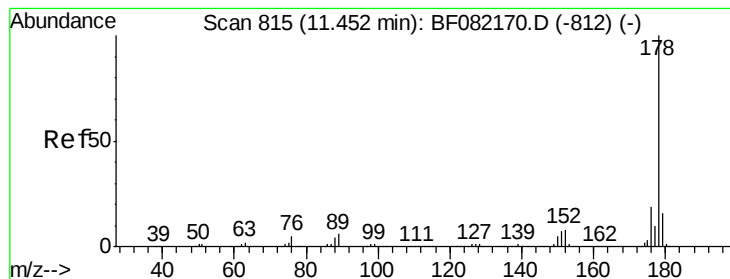
Tot Ion:200 Resp: 145567
Ion Ratio Lower Upper
200 100
173 27.4 7.3 47.3
215 45.0 26.2 66.2



#70
Phenanthrene
Concen: 47.97 ng
RT: 11.38 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:178 Resp: 702932
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.0 12.6 19.0





#71

Anthracene

Concen: 54.20 ng

RT: 11.44 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

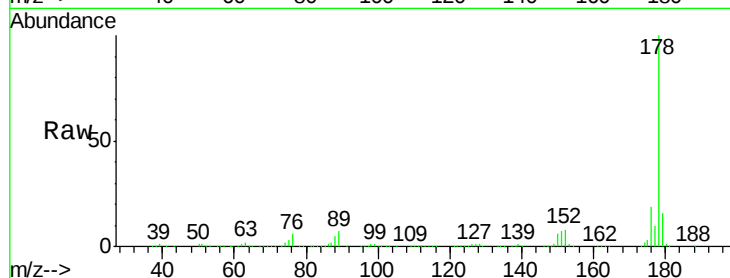
Tot Ion:178 Resp: 818379

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

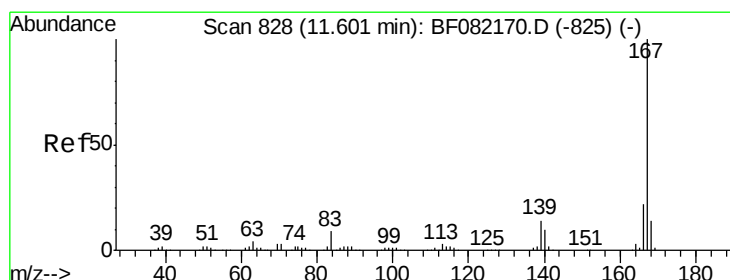
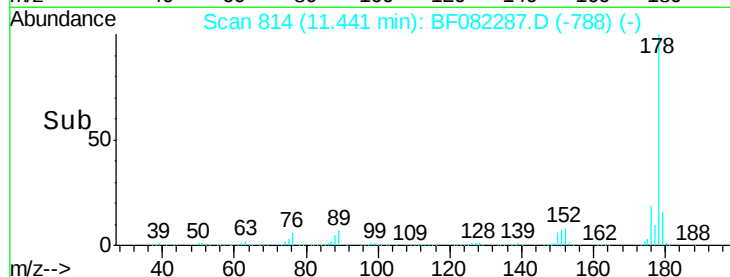
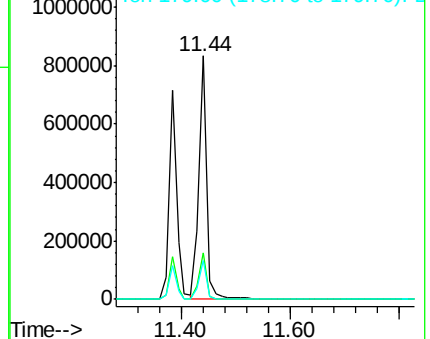
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 52.32 ng

RT: 11.60 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

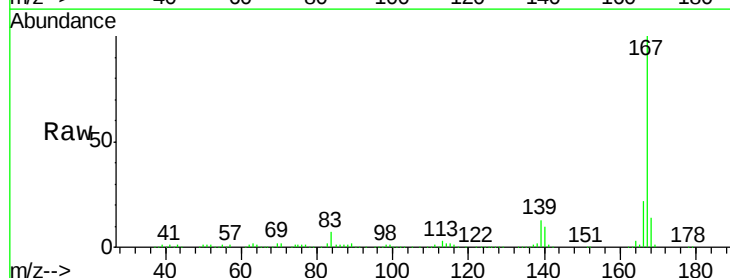
Tgt Ion:167 Resp: 720761

Ion Ratio Lower Upper

167 100

166 22.0 17.3 25.9

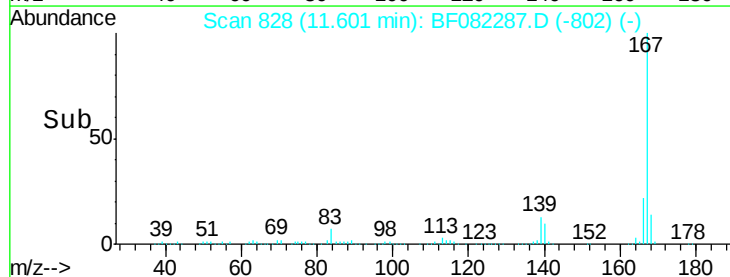
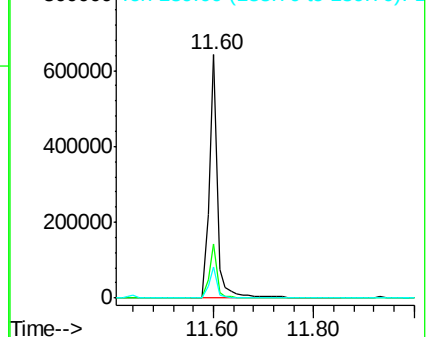
139 12.5 11.2 16.8

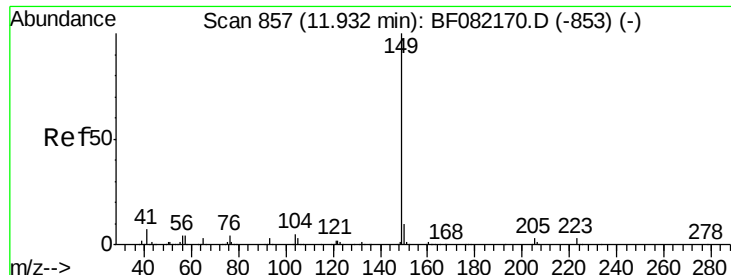


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 49.04 ng

RT: 11.93 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

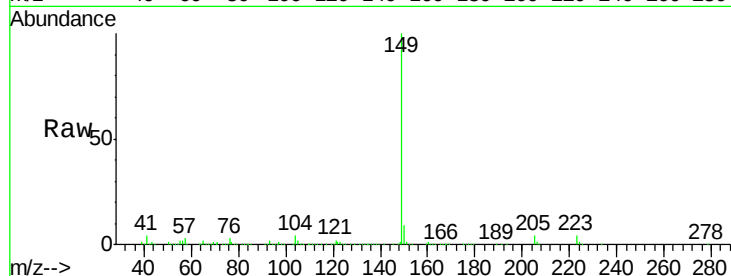
Tot Ion:149 Resp: 833413

Ion Ratio Lower Upper

149 100

150 9.0 7.8 11.6

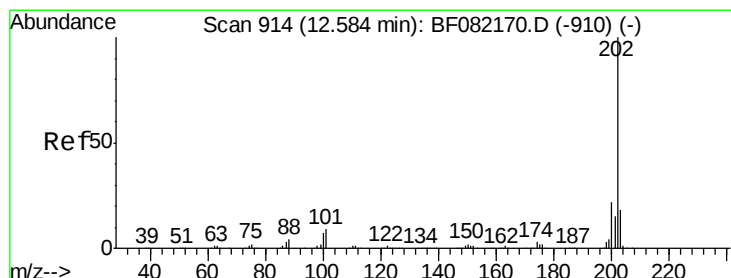
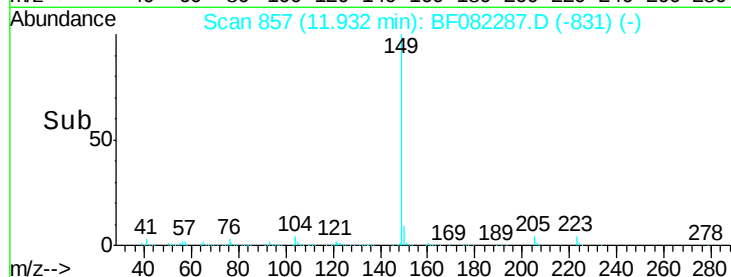
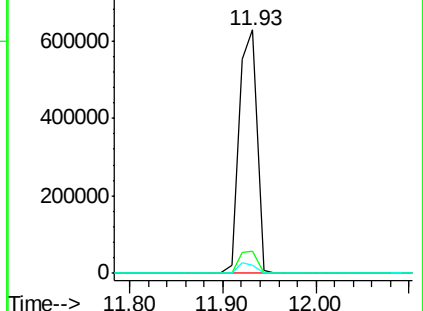
104 3.5 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.24 ng

RT: 12.58 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

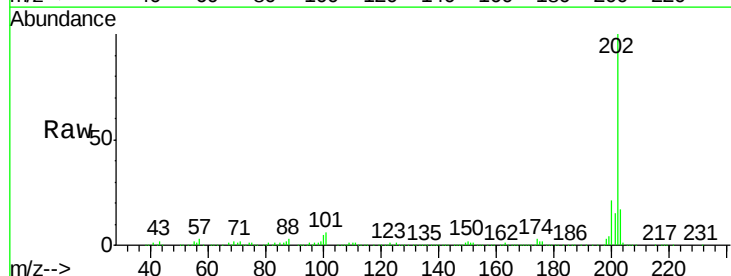
Tgt Ion:202 Resp: 790716

Ion Ratio Lower Upper

202 100

101 6.2 0.0 29.3

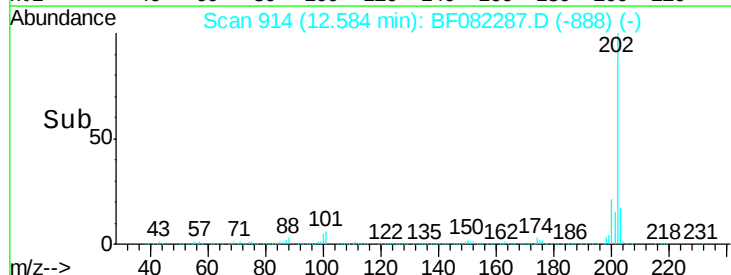
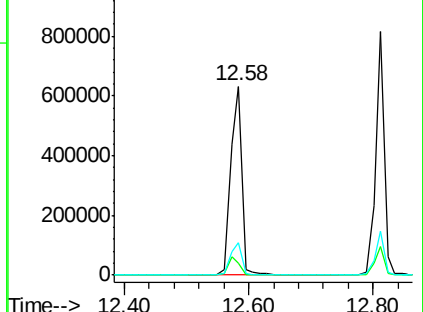
203 17.3 0.0 37.8

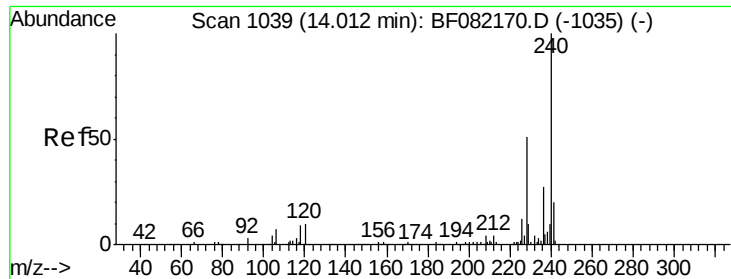


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. -0.06 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

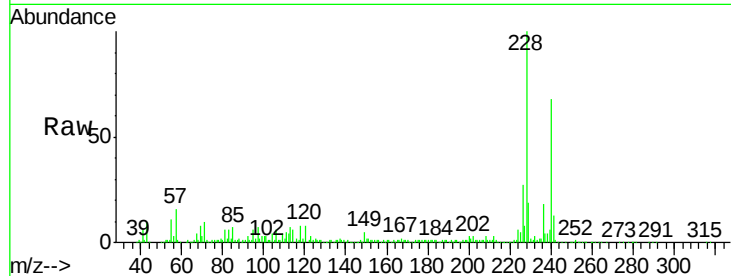
Tot Ion:240 Resp: 236567

Ion Ratio Lower Upper

240 100

120 12.3 8.1 12.1#

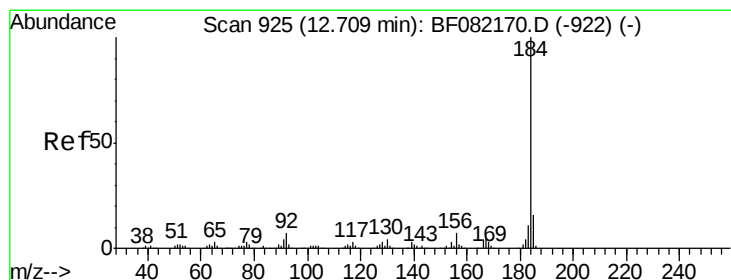
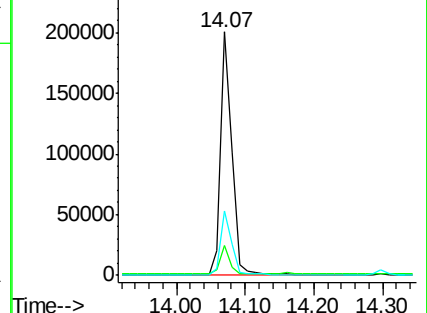
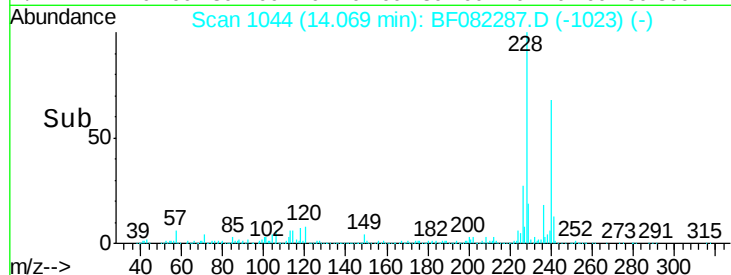
236 26.2 21.3 31.9



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: 42.10 ng

RT: 12.71 min Scan# 925

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

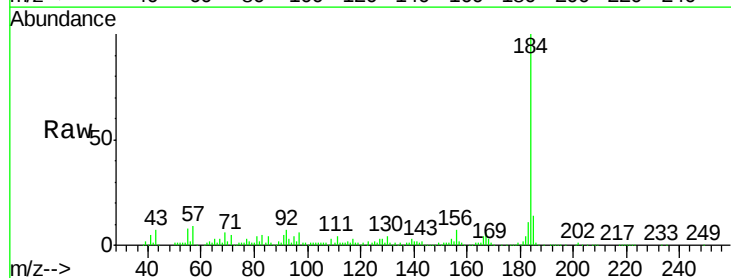
Tgt Ion:184 Resp: 288642

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

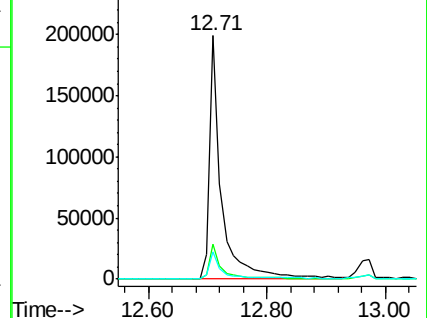
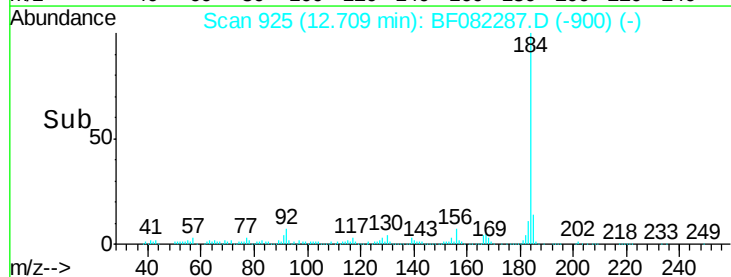
183 11.2 9.1 13.7

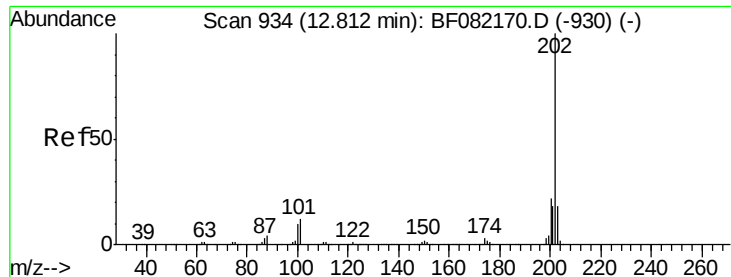


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 55.51 ng

RT: 12.81 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

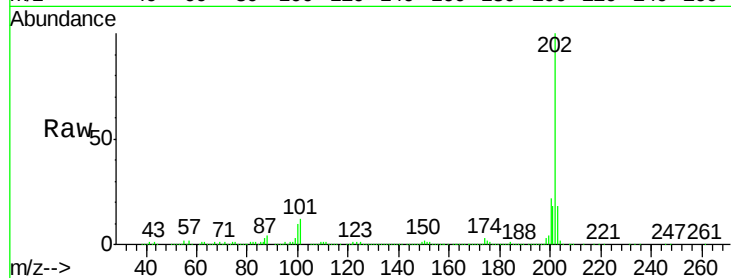
Tot Ion:202 Resp: 779277

Ion Ratio Lower Upper

202 100

200 21.5 17.9 26.9

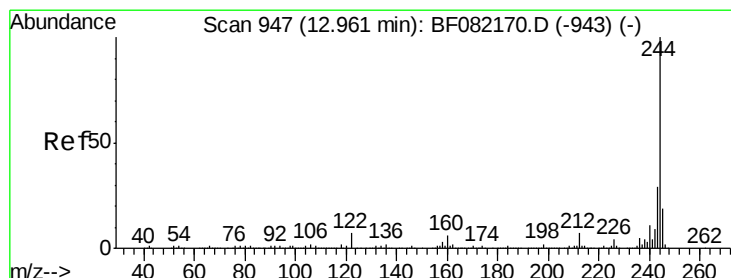
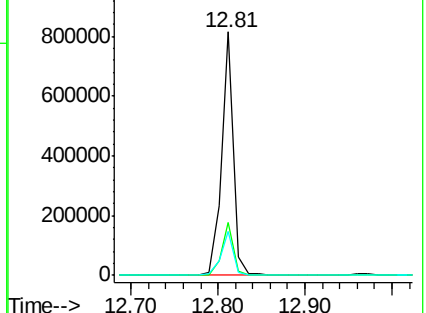
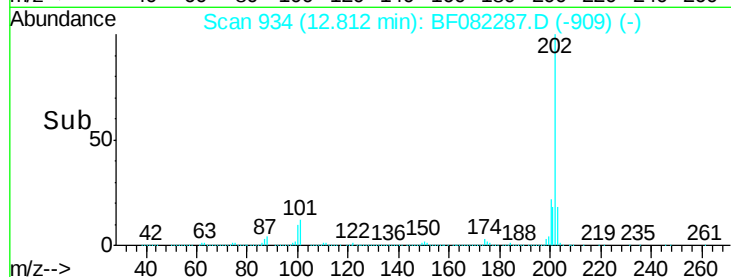
203 18.0 14.5 21.7



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: 197.77 ng

RT: 12.97 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

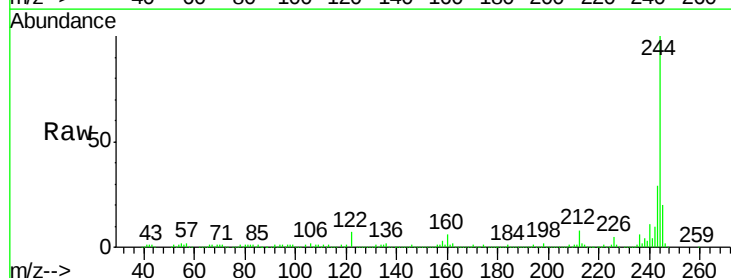
Tgt Ion:244 Resp: 1765530

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

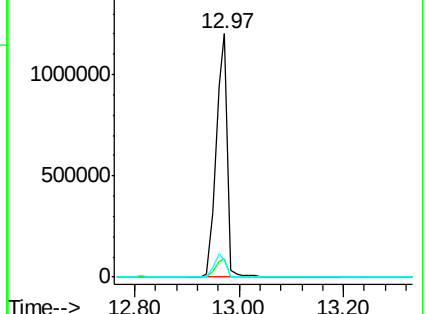
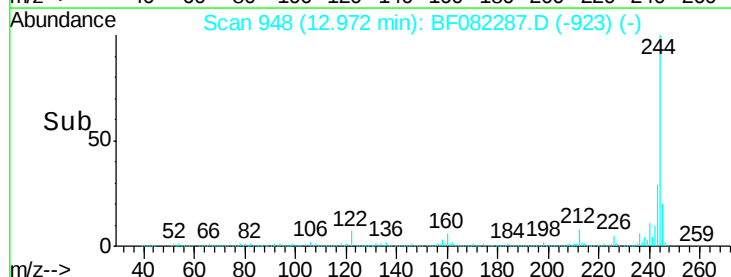
122 7.0 5.9 8.9

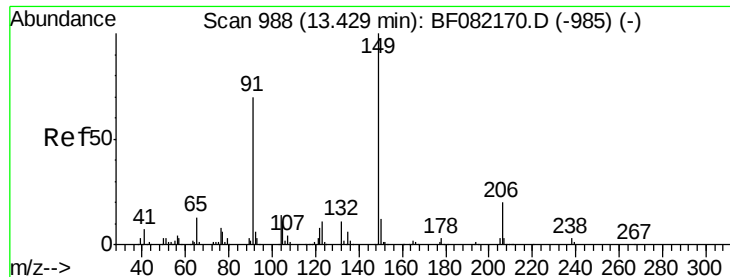


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

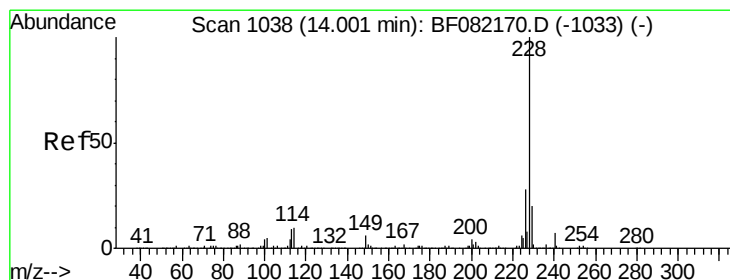
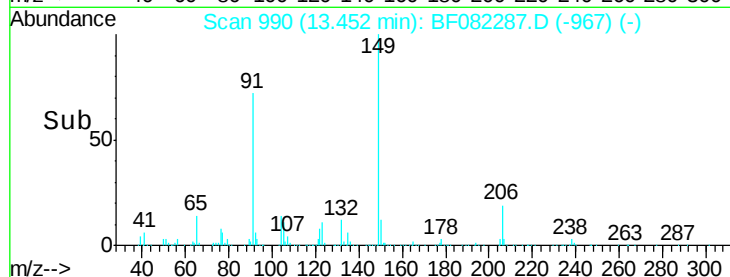
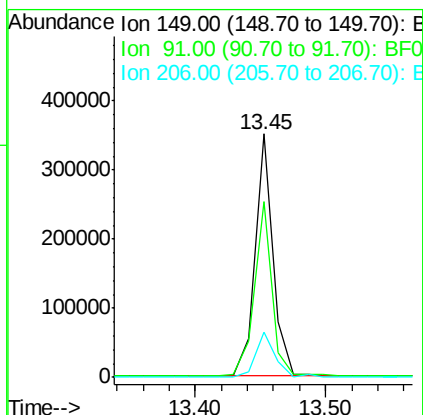
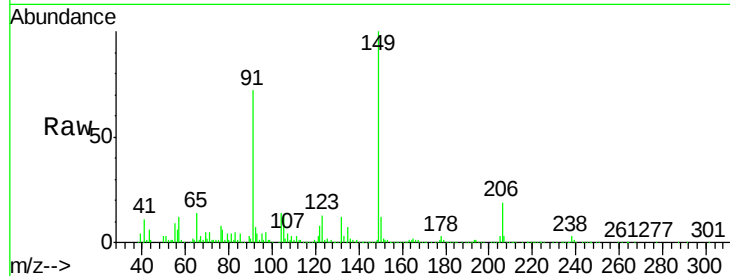




#79
Butylbenzylphthalate
Concen: 52.12 ng
RT: 13.45 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

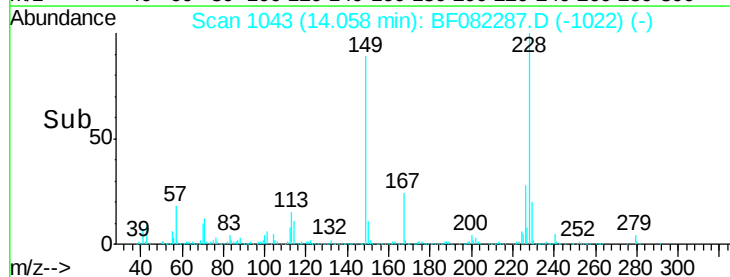
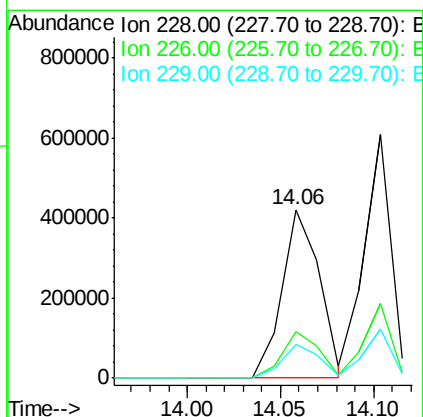
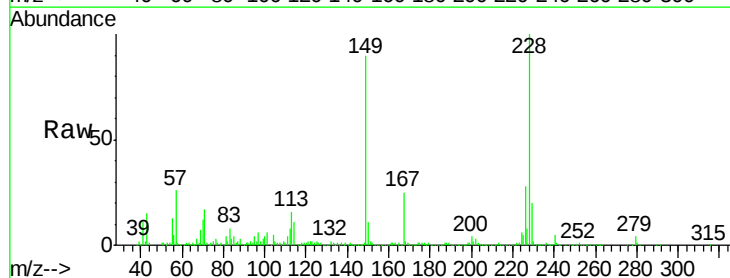
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

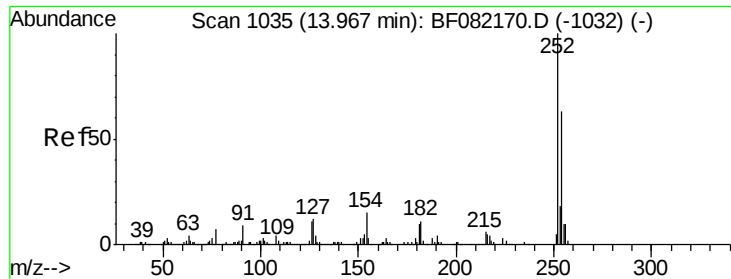
Tot Ion:149 Resp: 333946
Ion Ratio Lower Upper
149 100
91 72.0 55.7 83.5
206 18.5 15.6 23.4



#80
Benzo(a)anthracene
Concen: 48.02 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:228 Resp: 591066
Ion Ratio Lower Upper
228 100
226 27.7 22.3 33.5
229 19.8 16.2 24.2

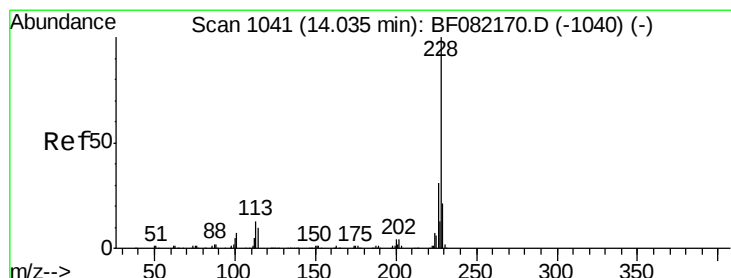
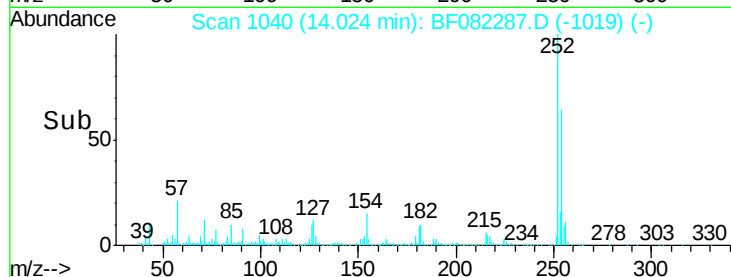
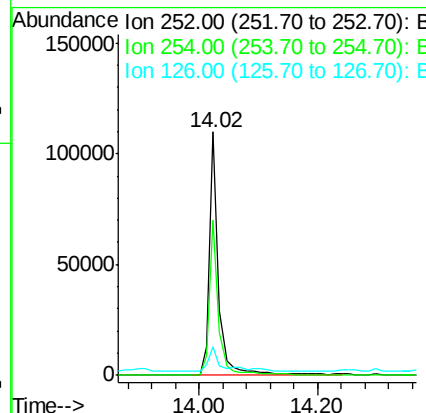
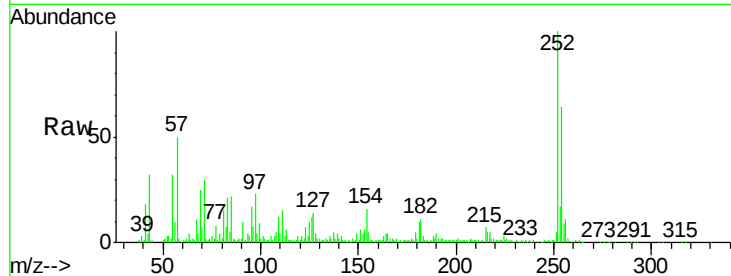




#81
 3,3'-Dichlorobenzidine
 Concen: 26.13 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

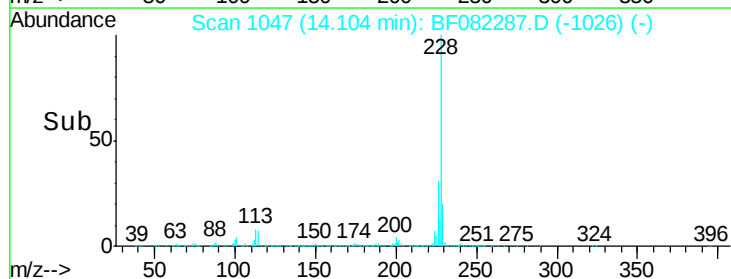
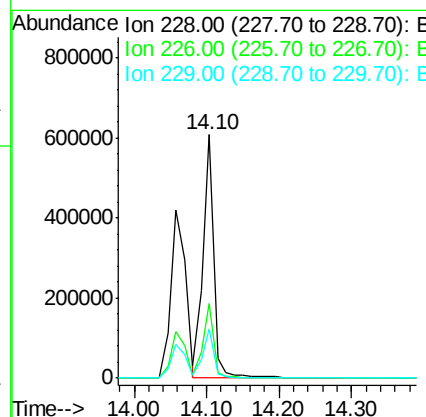
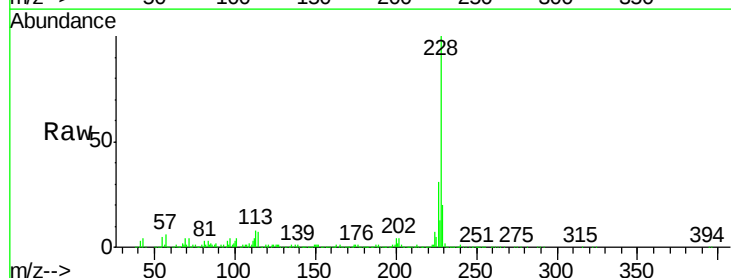
Instrument :
 BNA_F
 ClientSampleID :
 CS-11MSD

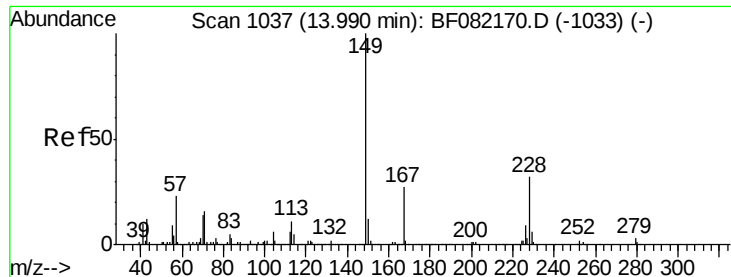
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.7	76.1
126	12.0	9.0	13.6



#82
 Chrysene
 Concen: 48.72 ng
 RT: 14.10 min Scan# 1047
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.4	36.6
229	19.9	16.3	24.5

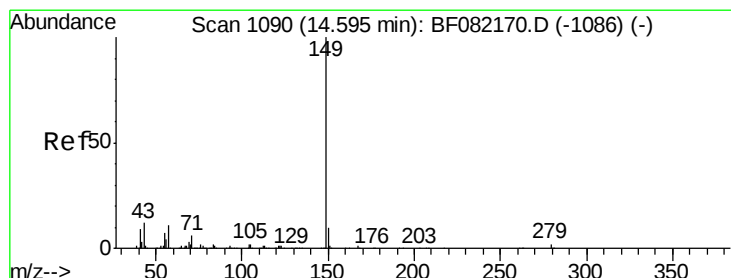
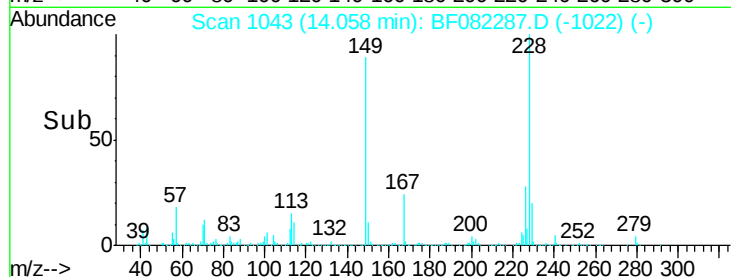
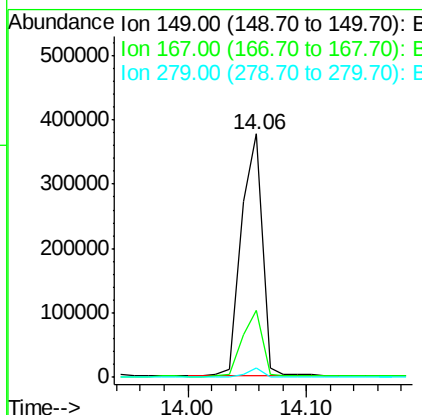
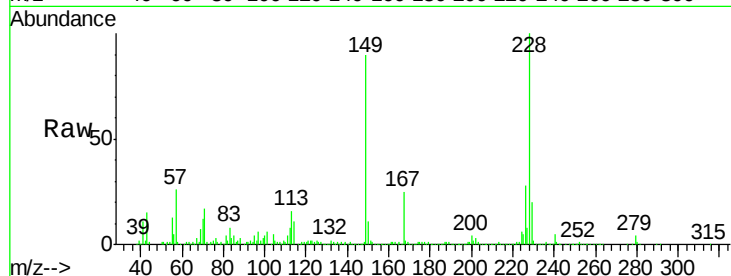




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.32 ng
 RT: 14.06 min Scan# 1043
 Delta R.T. -0.06 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

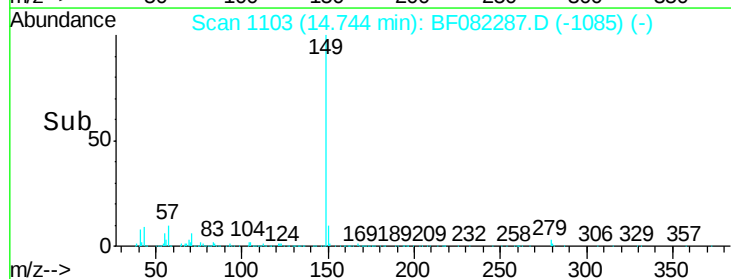
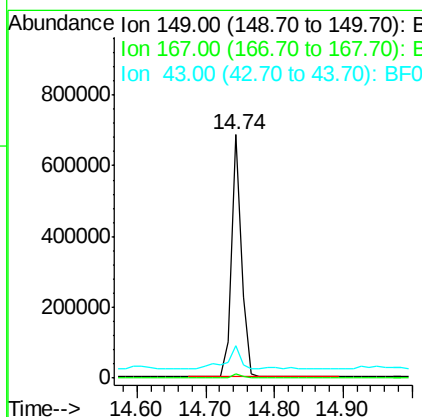
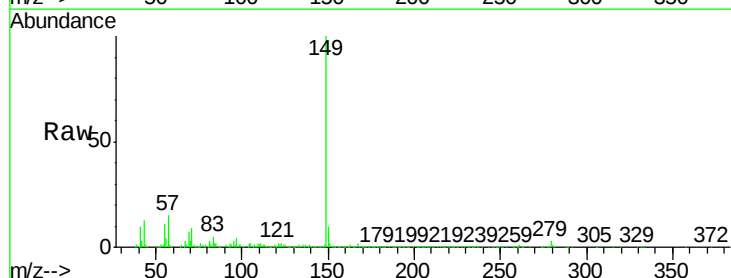
Instrument :
 BNA_F
 ClientSampleId :
 CS-11MSD

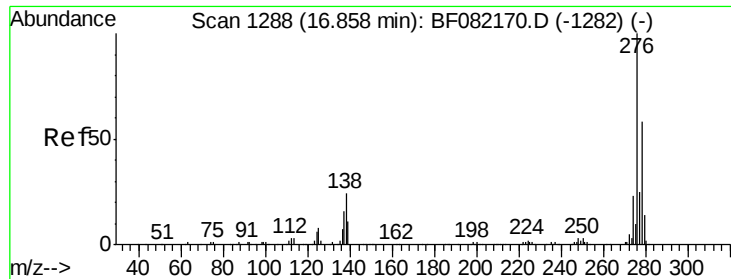
Tot Ion:149 Resp: 459921
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.3 31.9
 279 4.0 2.6 4.0#



#84
 Di-n-octyl phthalate
 Concen: 44.90 ng
 RT: 14.74 min Scan# 1103
 Delta R.T. -0.09 min
 Lab File: BF082287.D
 Acq: 14 Oct 2015 19:10

Tgt Ion:149 Resp: 704754
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 13.9 7.4 11.2#

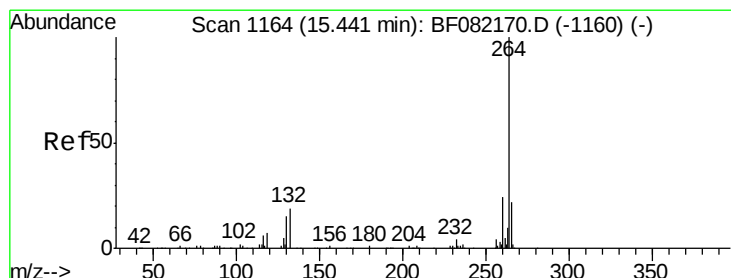
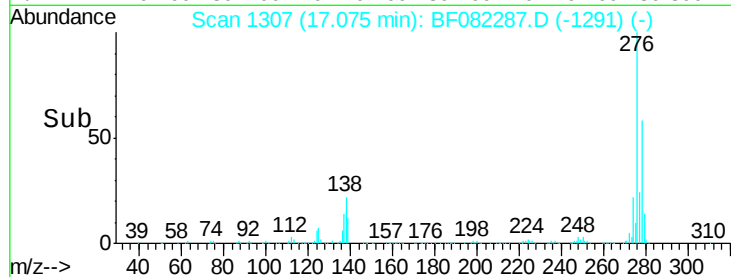
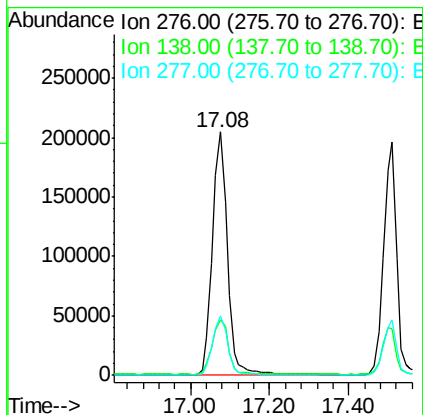
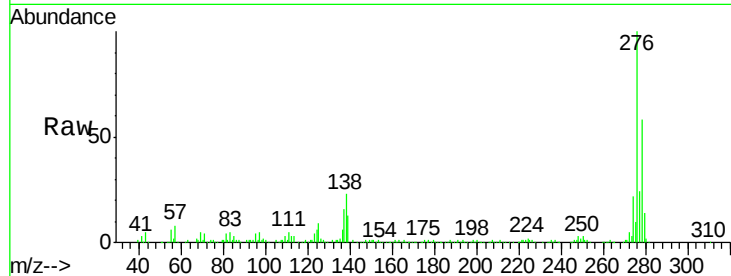




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.35 ng
RT: 17.08 min Scan# 1307
Delta R.T. -0.11 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

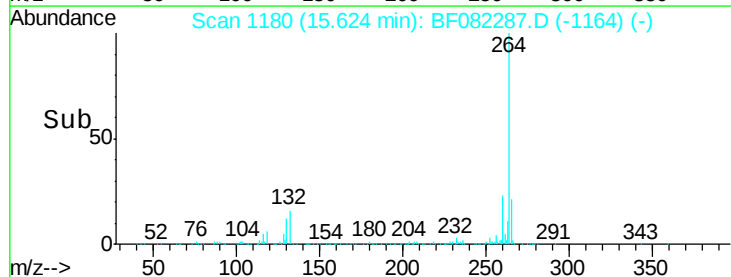
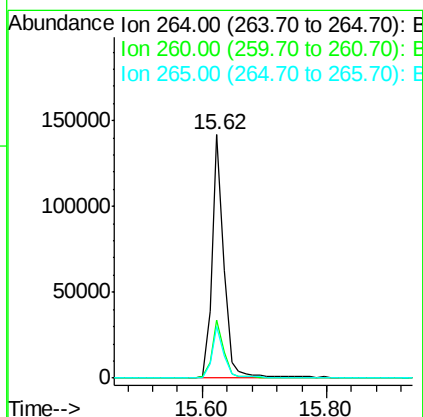
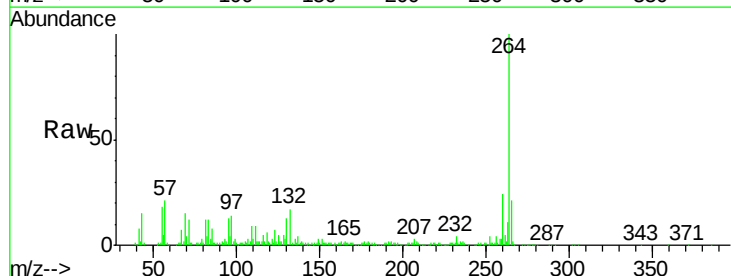
Instrument :
BNA_F
ClientSampleId :
CS-11MSD

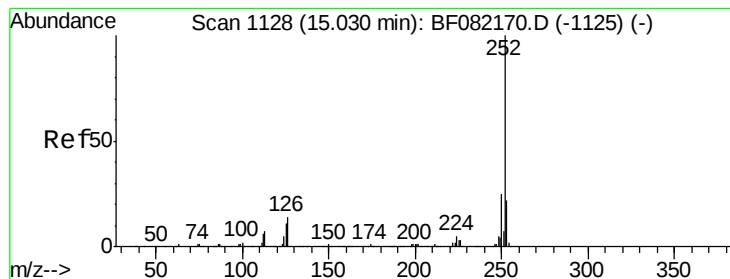
Tot Ion:276 Resp: 539658
Ion Ratio Lower Upper
276 100
138 24.0 19.7 29.5
277 24.9 20.1 30.1



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1180
Delta R.T. -0.11 min
Lab File: BF082287.D
Acq: 14 Oct 2015 19:10

Tgt Ion:264 Resp: 186393
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.3 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 88.06 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.07 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

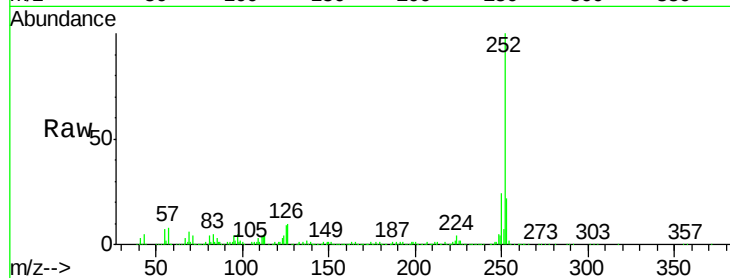
Tot Ion:252 Resp: 998580

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

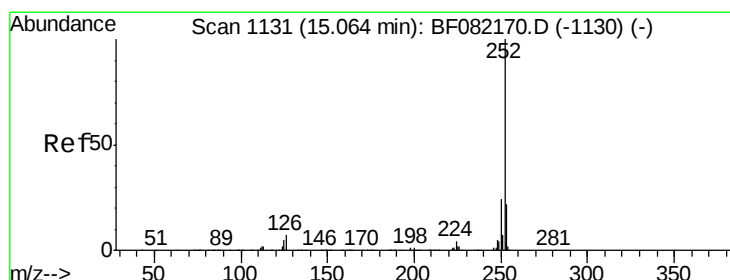
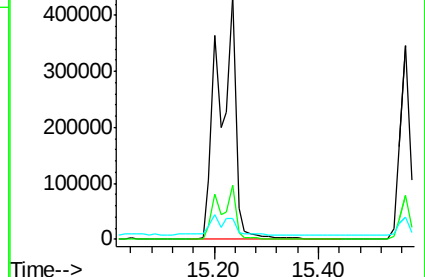
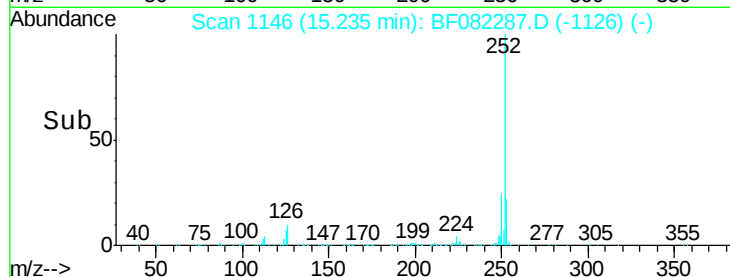
125 8.7 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 104.97 ng

RT: 15.24 min Scan# 1146

Delta R.T. -0.10 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

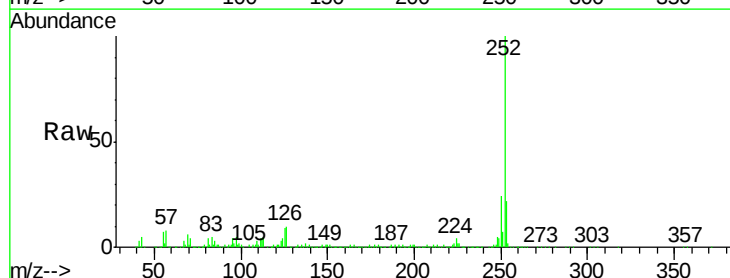
Tgt Ion:252 Resp: 1000565

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

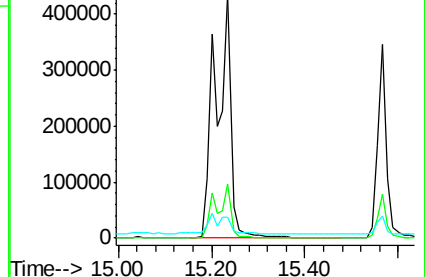
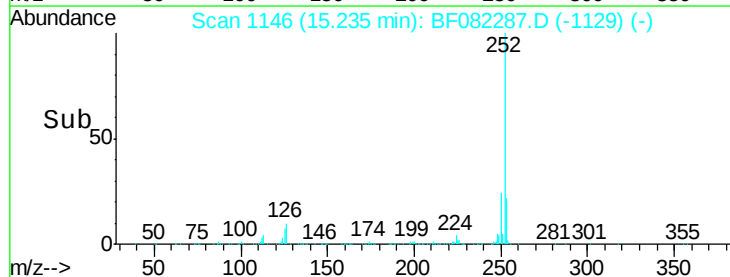
125 8.7 6.7 10.1

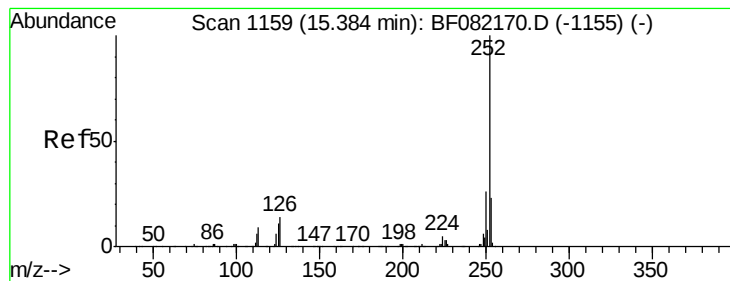


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 47.89 ng

RT: 15.57 min Scan# 1175

Delta R.T. -0.10 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

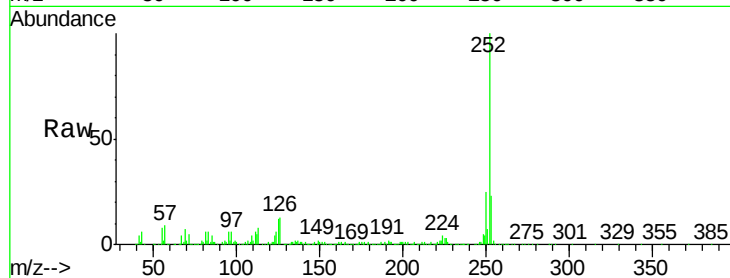
Tot Ion:252 Resp: 466743

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

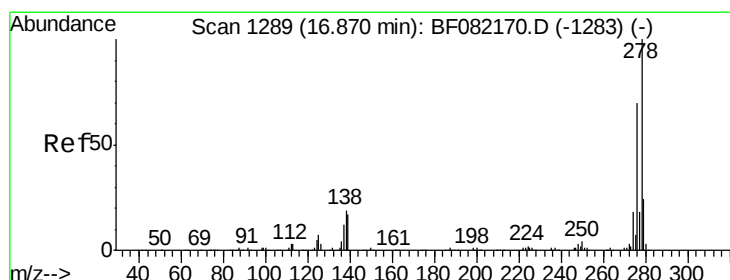
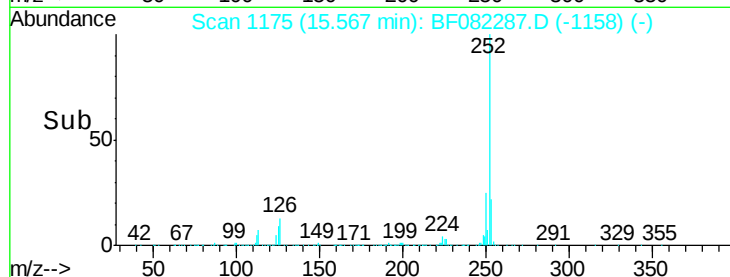
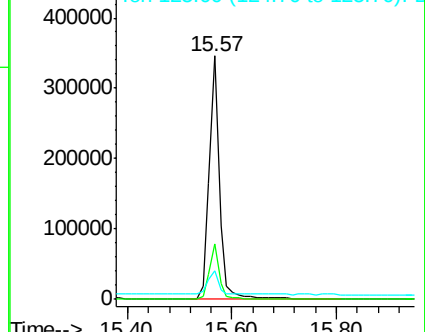
125 11.6 8.9 13.3



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: 55.11 ng

RT: 17.09 min Scan# 1308

Delta R.T. -0.13 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

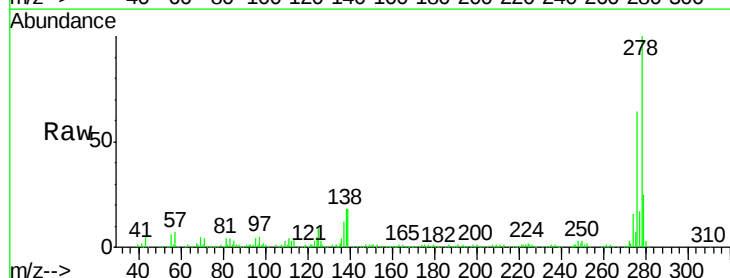
Tgt Ion:278 Resp: 440170

Ion Ratio Lower Upper

278 100

139 17.7 13.3 19.9

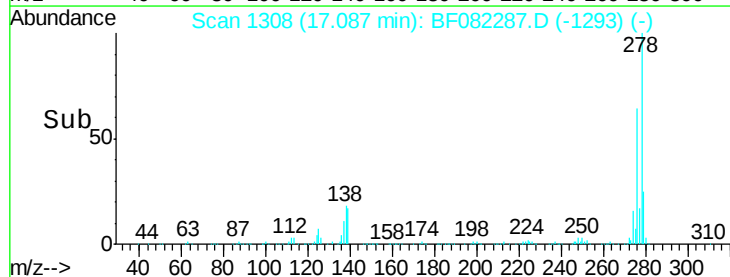
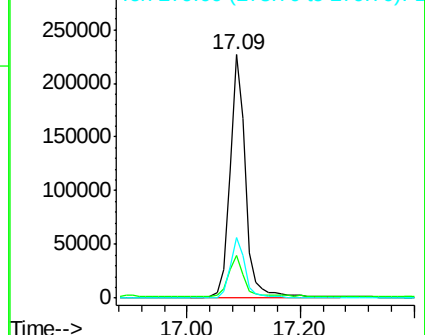
279 25.1 18.9 28.3

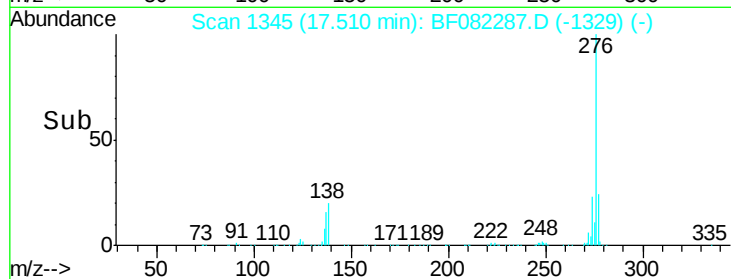
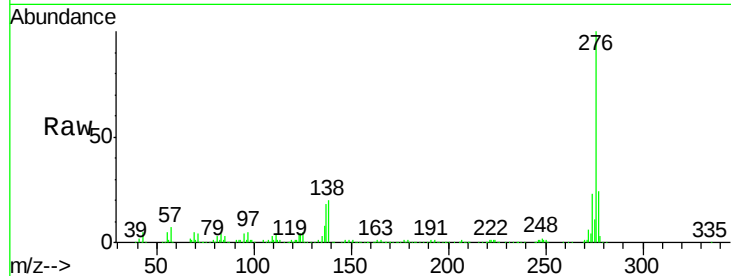
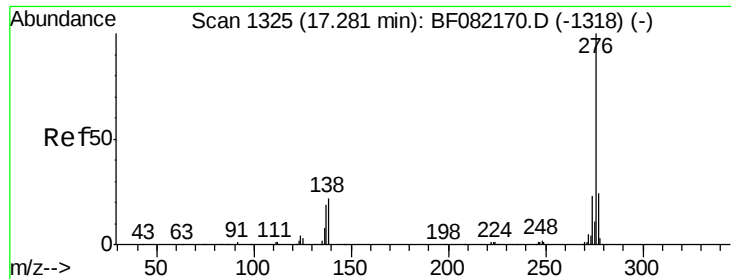


Abundance Ion 278.00 (277.70 to 278.70): E

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: 58.21 ng

RT: 17.51 min Scan# 1345

Delta R.T. -0.11 min

Lab File: BF082287.D

Acq: 14 Oct 2015 19:10

Instrument :

BNA_F

ClientSampleId :

CS-11MSD

Tot Ion: 276 Resp: 451639

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 20.1 17.4 26.2

