

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082866.D
 Acq On : 10 Nov 2015 11:10
 Operator : UM/IZ
 Sample : G4327-01MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1MSD

Quant Time: Nov 10 13:28:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	212637	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	761174	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	326407	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	557349	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	434536	20.00	ng	-0.02
86) Perylene-d12	15.43	264	377174	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1883436	137.82	ng	0.01
7) Phenol-d6	6.49	99	2399795	132.09	ng	0.01
23) Nitrobenzene-d5	7.40	82	1564864	89.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	425106	113.59	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1957467	85.95	ng	-0.02
78) Terphenyl-d14	12.95	244	1607466	87.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	273429	46.37	ng	96
3) Pyridine	3.21	79	770363	45.02	ng	94
4) n-Nitrosodimethylamine	3.16	42	390896	46.06	ng	# 75
6) Aniline	6.50	93	563843	22.10	ng	# 1
8) 2-Chlorophenol	6.62	128	709573	46.84	ng	89
9) Benzaldehyde	6.37	77	75080	7.48	ng	82
10) Phenol	6.50	94	1059889	51.41	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	717370	46.53	ng	95
12) 1,3-Dichlorobenzene	6.77	146	693157m	40.57	ng	
13) 1,4-Dichlorobenzene	6.85	146	784218	44.11	ng	95
14) 1,2-Dichlorobenzene	7.00	146	659229	40.78	ng	94
15) Benzyl Alcohol	6.98	79	631789	39.60	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1048398	46.36	ng	86
17) 2-Methylphenol	7.10	107	613919	47.84	ng	98
18) Hexachloroethane	7.34	117	245998	38.69	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	583312	43.68	ng	# 79
20) 3+4-Methylphenols	7.25	107	668308	40.06	ng	92
22) Acetophenone	7.24	105	995539	45.65	ng	# 96
24) Nitrobenzene	7.42	77	862720	48.23	ng	95
25) Isophorone	7.66	82	1467254	45.33	ng	96
26) 2-Nitrophenol	7.73	139	313277	41.95	ng	# 79
27) 2,4-Dimethylphenol	7.79	122	641258	47.79	ng	88
28) bis(2-Chloroethoxy)methane	7.87	93	824634	45.17	ng	99
29) 2,4-Dichlorophenol	7.98	162	569791	46.99	ng	91
30) 1,2,4-Trichlorobenzene	8.06	180	583801	42.81	ng	97
31) Naphthalene	8.14	128	1779317	42.37	ng	99
32) Benzoic acid	7.90	122	255869	27.85	ng	90
33) 4-Chloroaniline	8.19	127	212595m	11.75	ng	
34) Hexachlorobutadiene	8.27	225	365061	42.78	ng	98
35) Caprolactam	8.56	113	188505	49.31	ng	89
36) 4-Chloro-3-methylphenol	8.69	107	625896	43.89	ng	# 76
37) 2-Methylnaphthalene	8.84	142	1158623m	42.65	ng	
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	500011	46.62	ng	98
40) Hexachlorocyclopentadiene	8.99	237	221900	38.51	ng	99

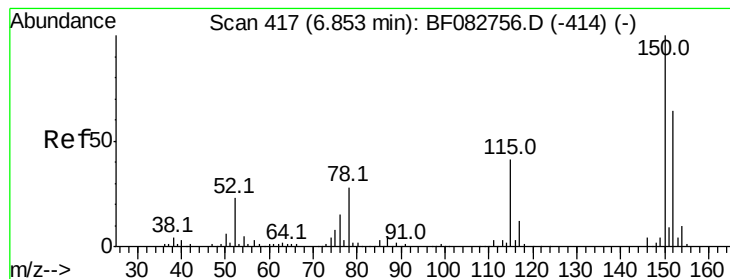
Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
 Data File : BF082866.D
 Acq On : 10 Nov 2015 11:10
 Operator : UM/IZ
 Sample : G4327-01MSD
 Misc :
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Quant Time: Nov 10 13:28:14 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	367033	45.84	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	366995	46.34	nq	94
45) 1,1'-Biphenyl	9.30	154	1249268	44.60	nq	97
46) 2-Chloronaphthalene	9.32	162	1001338	45.83	nq	97
47) 2-Nitroaniline	9.41	65	355934	43.92	nq	88
48) Acenaphthylene	9.73	152	1509197	44.08	nq	99
49) Dimethylphthalate	9.61	163	1813805	67.82	nq	99
50) 2,6-Dinitrotoluene	9.66	165	312601	54.78	nq	# 61
51) Acenaphthene	9.90	154	940087	43.32	nq	100
52) 3-Nitroaniline	9.82	138	215530	34.34	nq	# 79
53) 2,4-Dinitrophenol	9.93	184	65384	20.87	nq	# 16
54) Dibenzofuran	10.08	168	1334333	45.61	nq	94
55) 4-Nitrophenol	10.00	139	365109	75.84	nq	# 82
56) 2,4-Dinitrotoluene	10.06	165	406981	52.57	nq	# 70
57) Fluorene	10.42	166	950479	40.11	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.20	232	304270	47.08	nq	# 88
59) Diethylphthalate	10.30	149	1272989	48.75	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	521228	43.97	nq	99
61) 4-Nitroaniline	10.44	138	258542	40.97	nq	# 62
62) Azobenzene	10.58	77	1348393	48.07	nq	95
64) 4,6-Dinitro-2-methylphenol	10.46	198	54602	13.75	nq	74
65) n-Nitrosodiphenylamine	10.53	169	887067	44.06	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	293209	43.69	nq	95
67) Hexachlorobenzene	10.97	284	306394	40.89	nq	93
68) Atrazine	11.07	200	305109	49.00	nq	90
69) Pentachlorophenol	11.16	266	324344	71.28	nq	97
70) Phenanthrene	11.38	178	1386344	42.83	nq	99
71) Anthracene	11.44	178	1454033	42.65	nq	98
72) Carbazole	11.58	167	1260531	42.24	nq	99
73) Di-n-butylphthalate	11.93	149	1639533	44.09	nq	# 98
74) Fluoranthene	12.57	202	1468190	42.27	nq	99
76) Benzidine	12.68	184	360019	24.72	nq	99
77) Pyrene	12.80	202	1509291	50.58	nq	99
79) Butylbenzylphthalate	13.43	149	641672	48.67	nq	# 72
80) Benzo(a)anthracene	13.99	228	1212097	44.61	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	373833	38.70	nq	# 94
82) Chrysene	14.02	228	1120302	45.01	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	813095	45.06	nq	99
84) Di-n-octyl phthalate	14.61	149	1519714	50.49	nq	96
85) Indeno(1,2,3-cd)pyrene	16.82	276	946501	44.16	nq	# 95
87) Benzo(b)fluoranthene	15.03	252	1171714m	48.40	nq	
88) Benzo(k)fluoranthene	15.05	252	968405m	45.09	nq	
89) Benzo(a)pyrene	15.37	252	989067	47.15	nq	# 97
90) Dibenzo(a,h)anthracene	16.83	278	797359	44.89	nq	# 97
91) Benzo(g,h,i)perylene	17.23	276	772586	45.41	nq	# 95

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

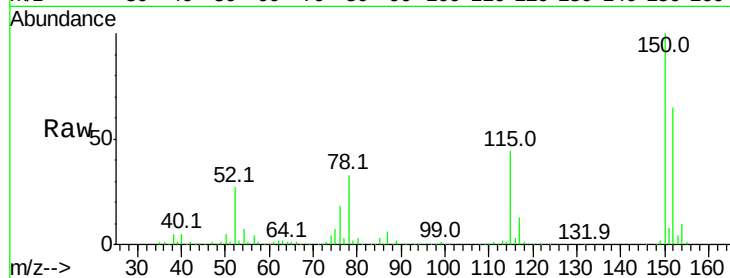


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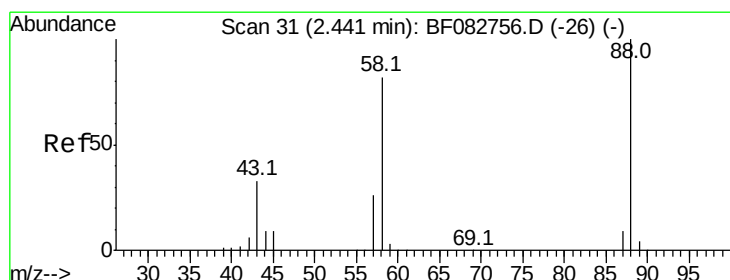
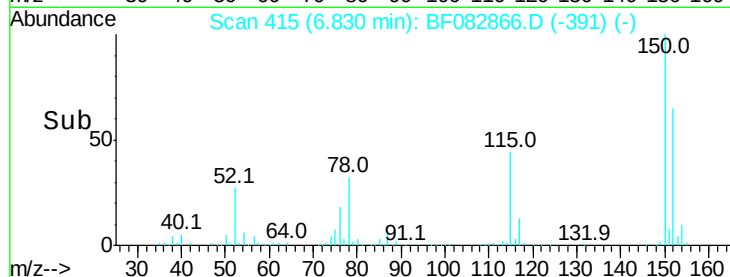
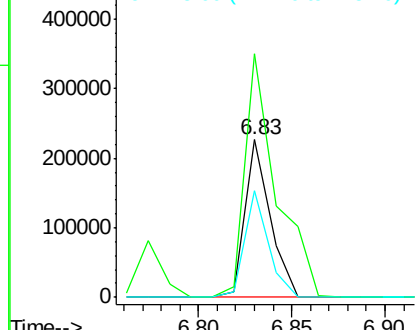
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampleId :
1MSD

Tot Ion:152 Resp: 212637
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.4
115 67.7 47.0 70.6



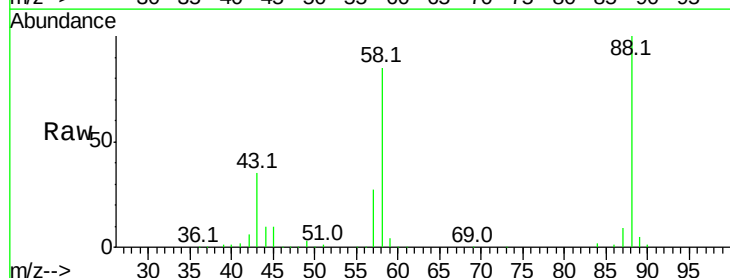
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



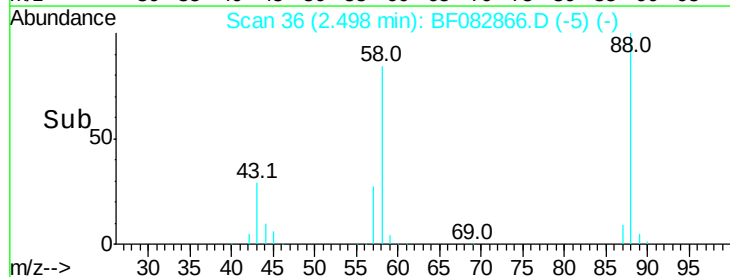
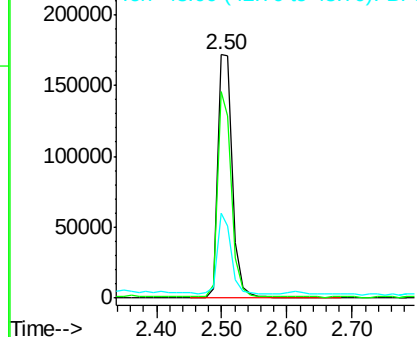
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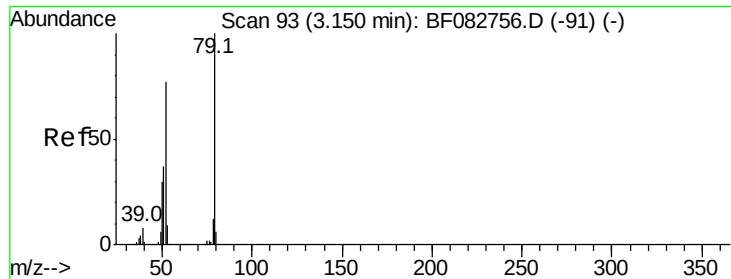
1,4-Dioxane
Concen: 46.37 ng
RT: 2.50 min Scan# 36
Delta R.T. 0.06 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion: 88 Resp: 273429
Ion Ratio Lower Upper
88 100
58 80.4 62.0 93.0
43 31.1 26.6 40.0



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





#3

Pvridine

Concen: 45.02 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.05 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampled :

1MSD

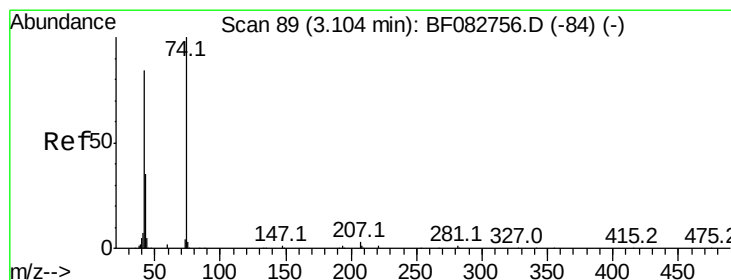
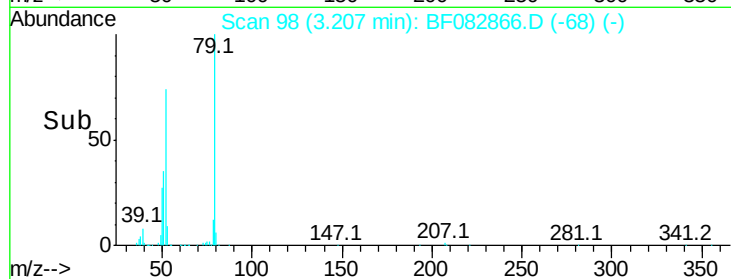
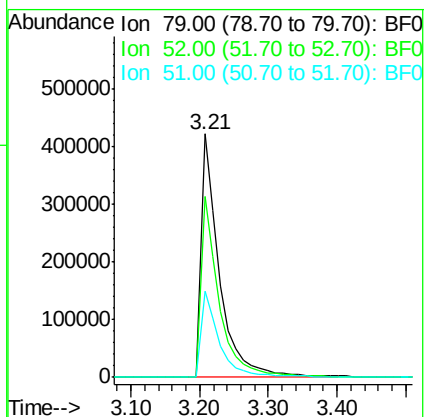
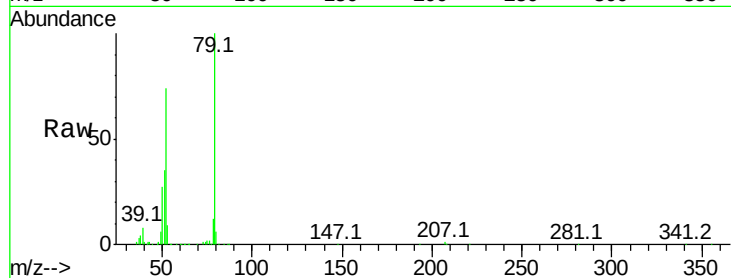
Tot Ion: 79 Resp: 770363

Ion Ratio Lower Upper

79 100

52 74.4 62.8 94.2

51 35.3 32.0 48.0



#4

n-Nitrosodimethylamine

Concen: 46.06 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.07 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

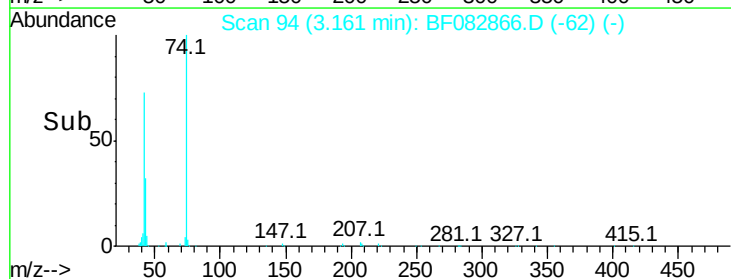
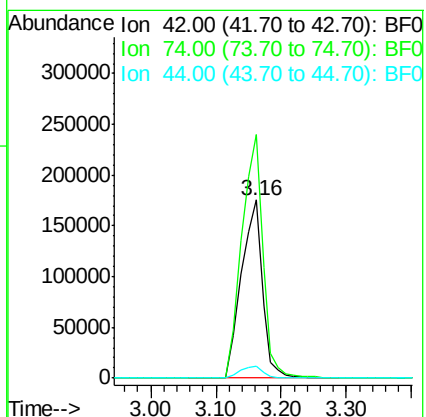
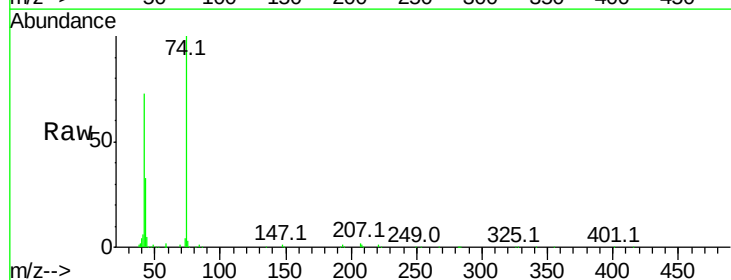
Tgt Ion: 42 Resp: 390896

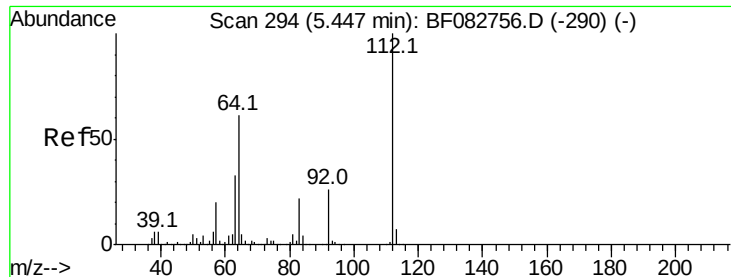
Ion Ratio Lower Upper

42 100

74 136.6 87.0 130.4#

44 7.0 5.8 8.8





#5

2-Fluorophenol

Concen: 137.82 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

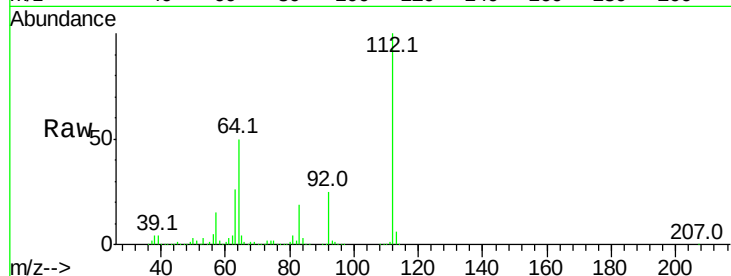
Tot Ion:112 Resp: 1883436

Ion Ratio Lower Upper

112 100

64 50.4 48.9 73.3

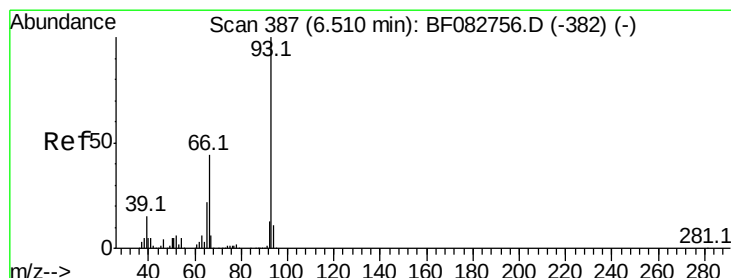
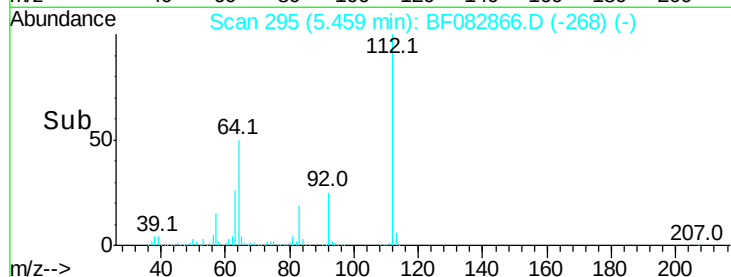
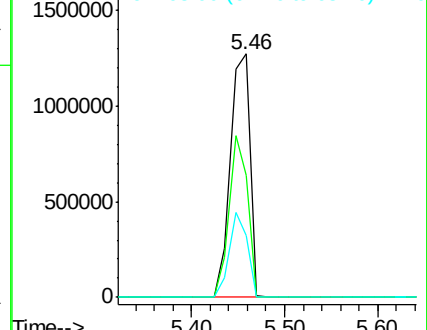
63 25.6 28.1 42.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.10 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

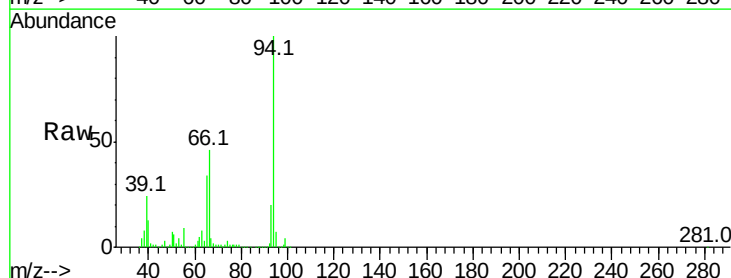
Tgt Ion: 93 Resp: 563843

Ion Ratio Lower Upper

93 100

66 230.1 33.6 50.4#

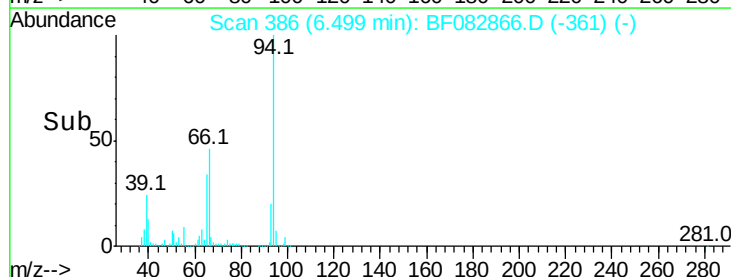
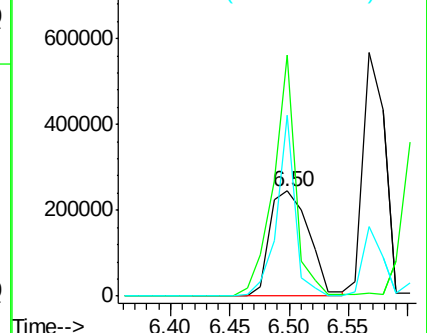
65 171.8 18.1 27.1#

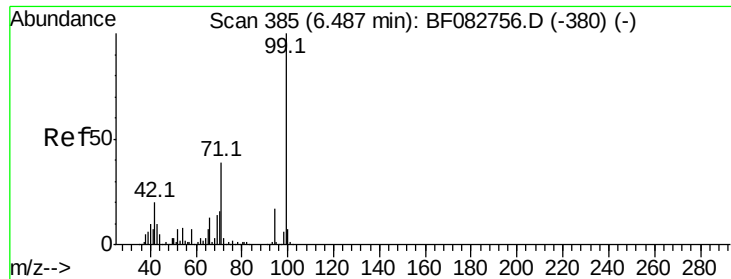


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

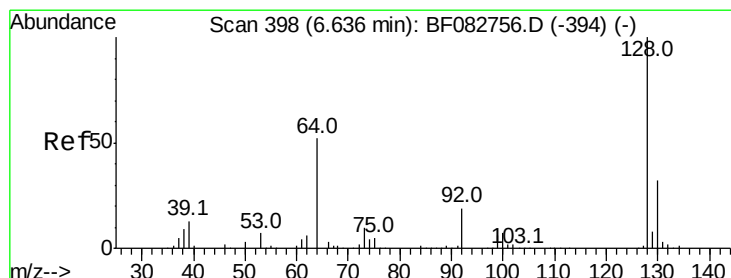
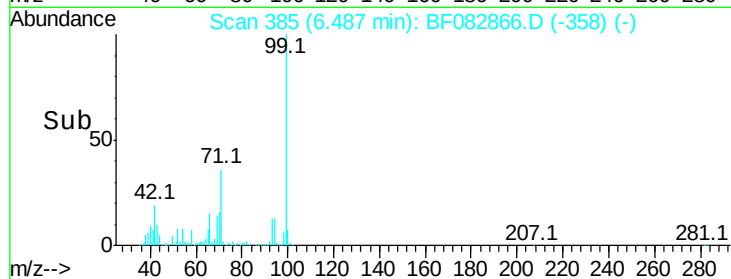
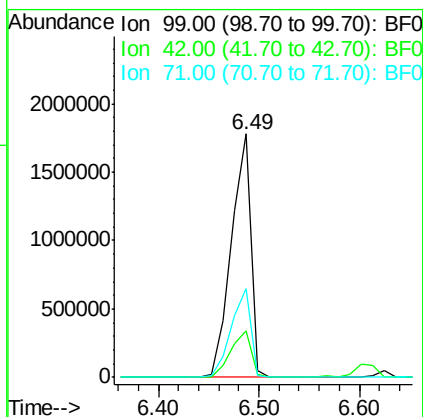
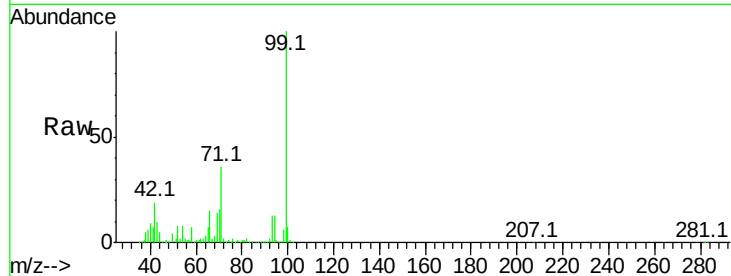
BNA_F

ClientSampleId :

1MSD

Tot Ion: 99 Resp: 2399795

Ion	Ratio	Lower	Upper
99	100		
42	19.0	19.2	28.8#
71	36.4	35.0	52.4



#8

2-Chlorophenol

Concen: 46.84 ng

RT: 6.62 min Scan# 397

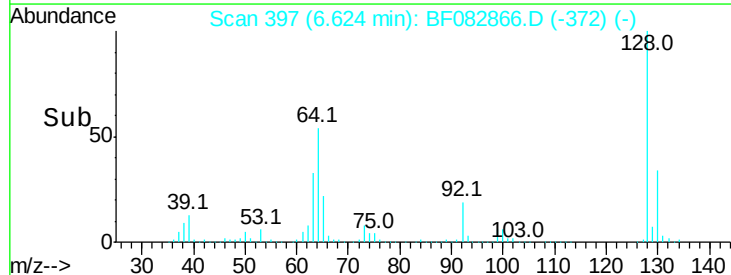
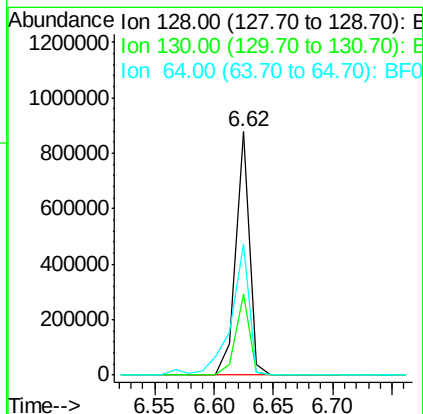
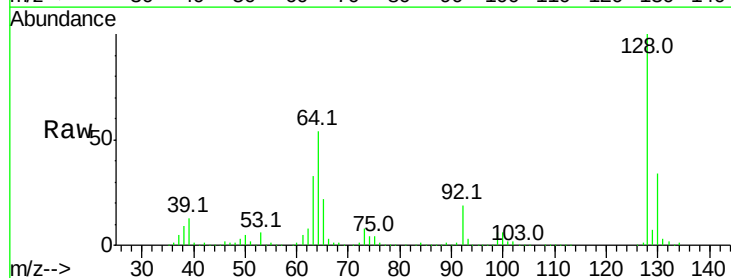
Delta R.T. -0.01 min

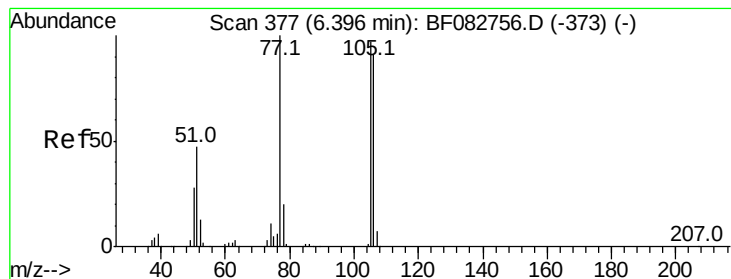
Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Tgt Ion: 128 Resp: 709573

Ion	Ratio	Lower	Upper
128	100		
130	33.5	13.5	53.5
64	53.9	21.1	61.1





#9

Benzaldehyde

Concen: 7.48 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

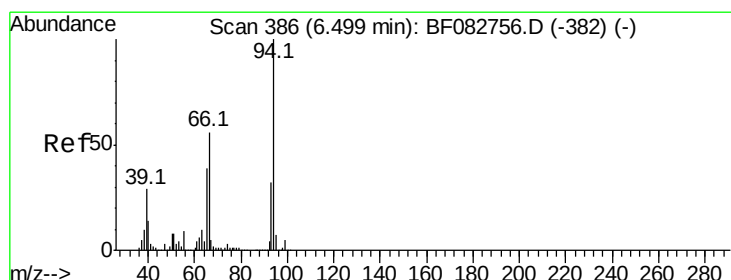
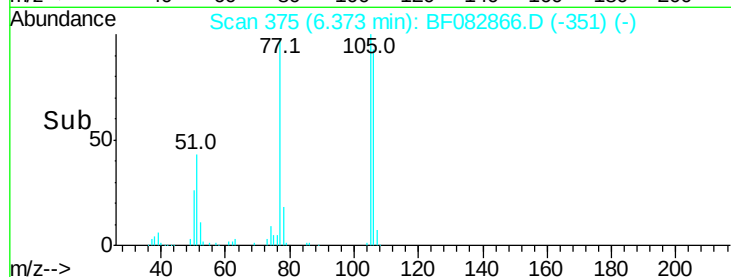
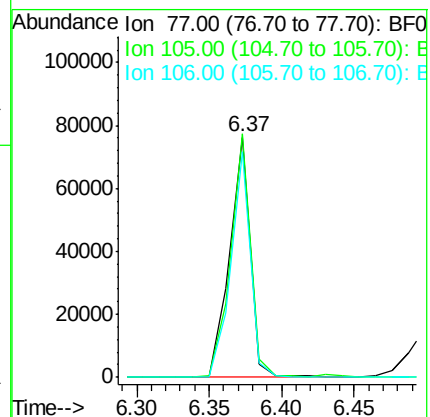
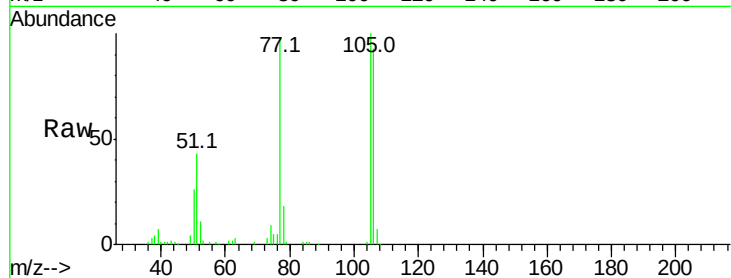
Tot Ion: 77 Resp: 75080

Ion Ratio Lower Upper

77 100

105 101.5 63.5 103.5

106 94.0 59.3 99.3



#10

Phenol

Concen: 51.41 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

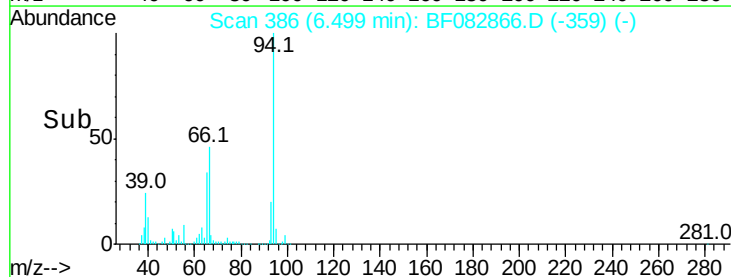
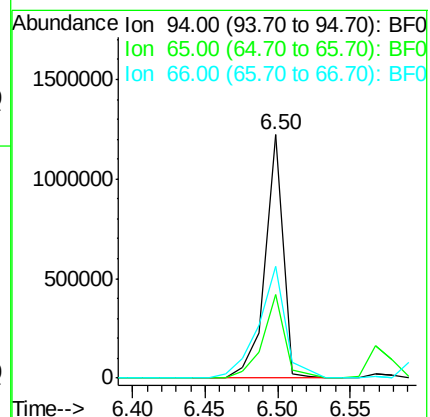
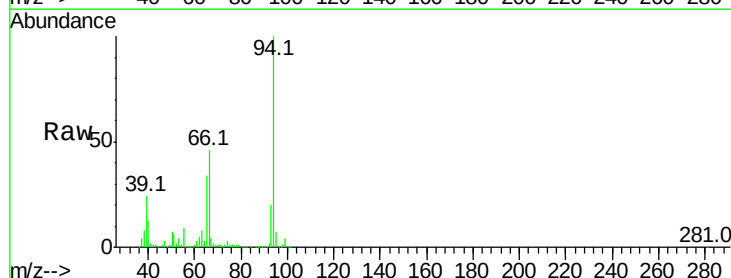
Tgt Ion: 94 Resp: 1059889

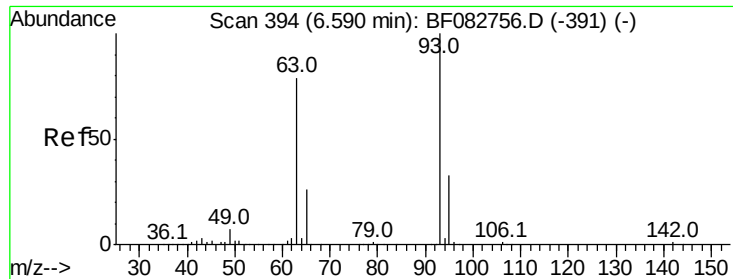
Ion Ratio Lower Upper

94 100

65 34.4 18.9 58.9

66 46.0 34.9 74.9





#11

bis(2-Chloroethyl)ether

Concen: 46.53 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

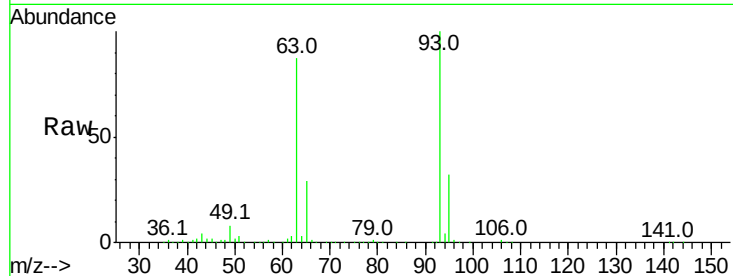
Tot Ion: 93 Resp: 717370

Ion Ratio Lower Upper

93 100

63 87.0 72.7 112.7

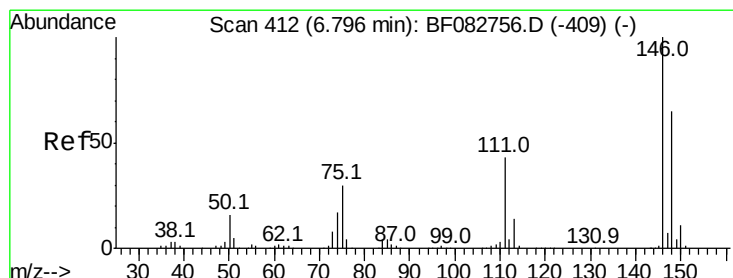
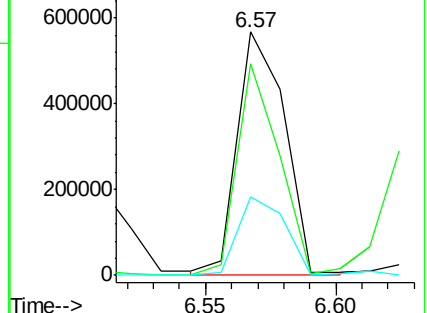
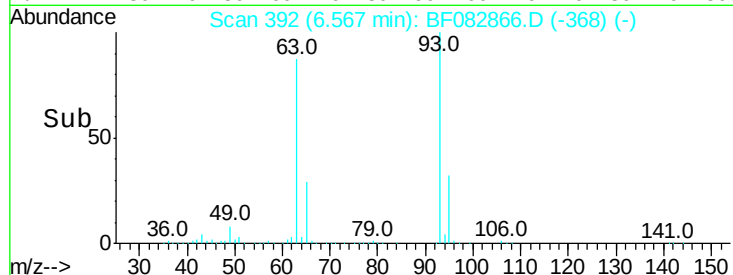
95 32.5 12.0 52.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 40.57 ng m

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

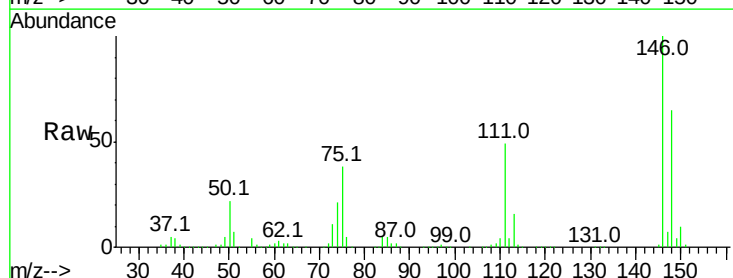
Tgt Ion: 146 Resp: 693157

Ion Ratio Lower Upper

146 100

148 64.8 50.5 75.7

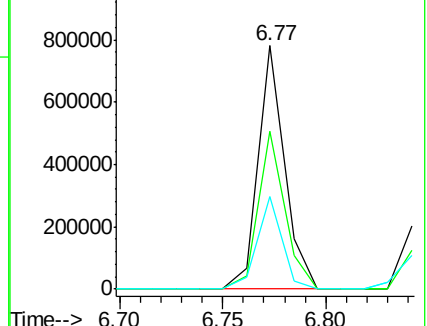
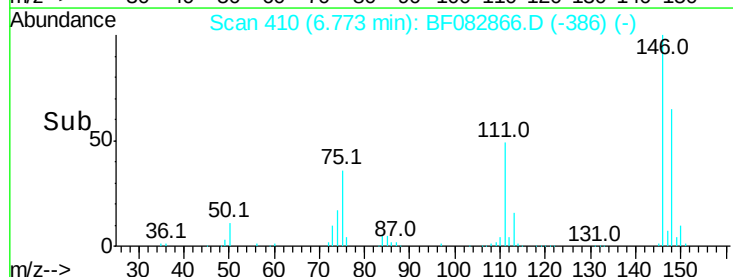
75 37.9 39.5 59.3#

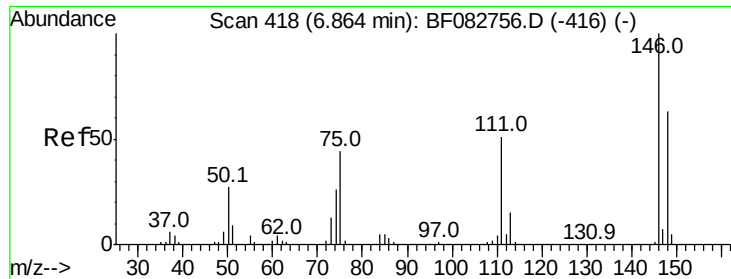


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

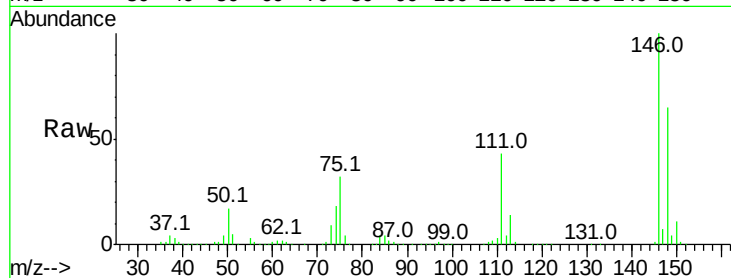




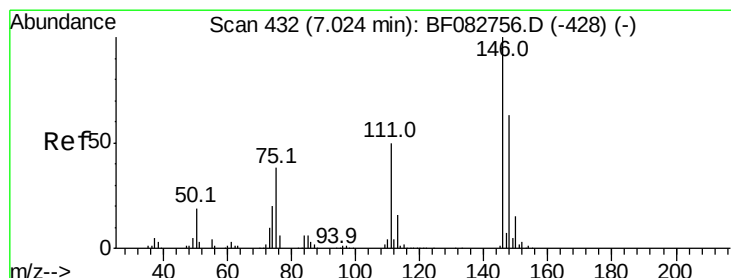
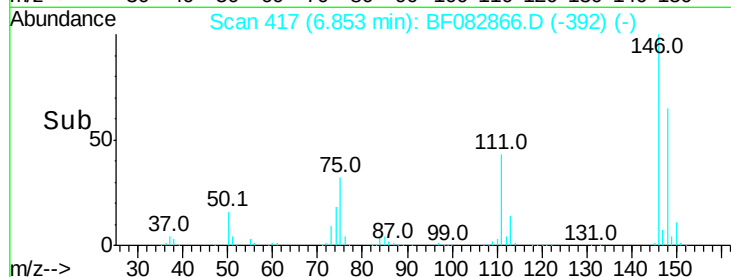
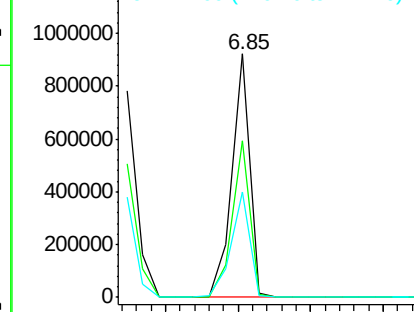
#13
 1,4-Dichlorobenzene
 Concen: 44.11 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Instrument :
 BNA_F
 ClientSampleId :
 1MSD

Tot Ion:146 Resp: 784218
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.8 76.2
 111 43.3 40.6 60.8

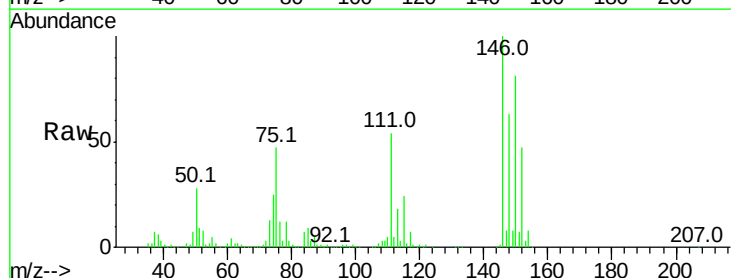


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

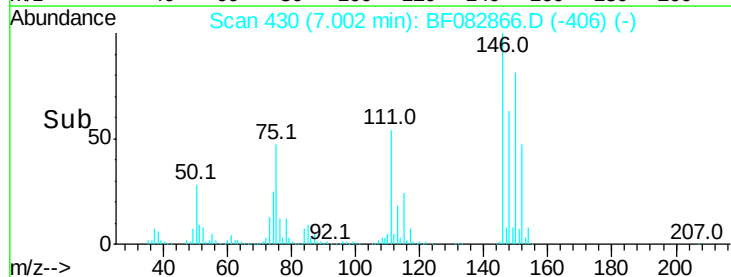
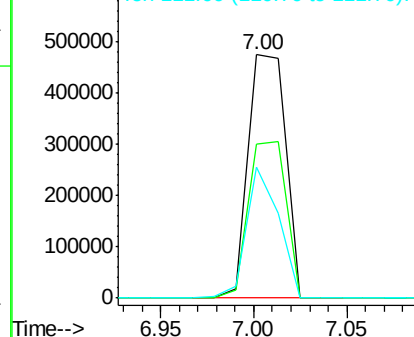


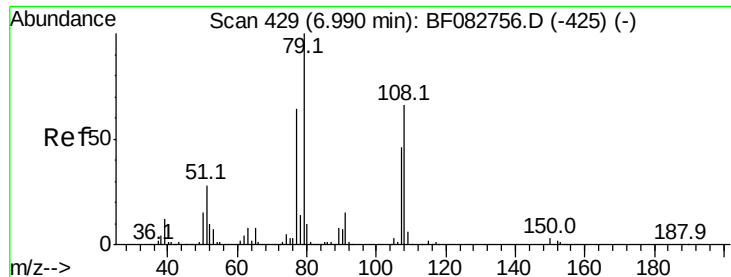
#14
 1,2-Dichlorobenzene
 Concen: 40.78 ng
 RT: 7.00 min Scan# 430
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:146 Resp: 659229
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.4
 111 53.8 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.60 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampled :

1MSD

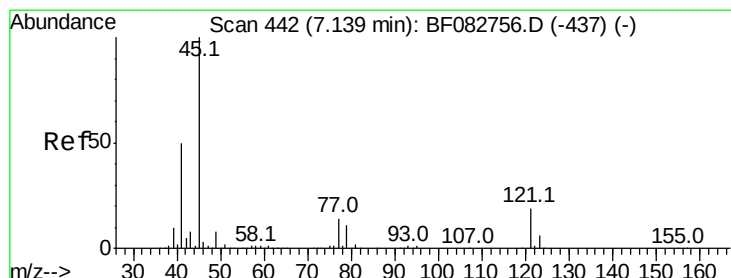
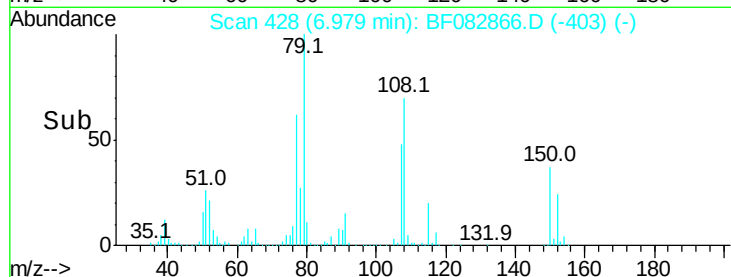
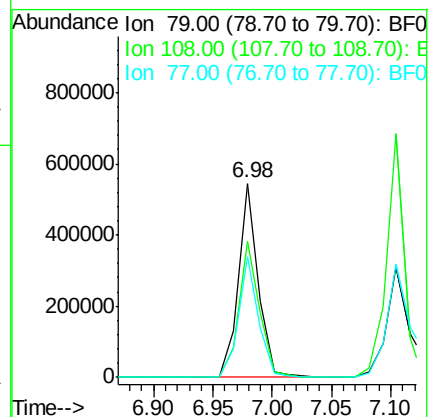
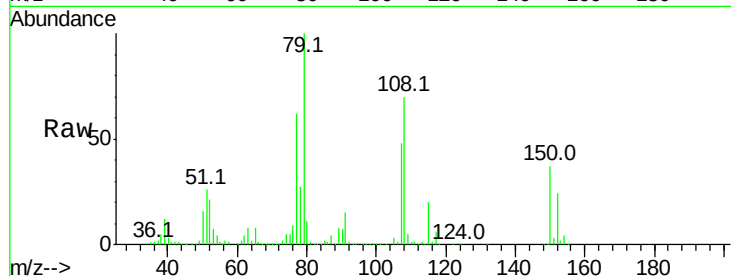
Tot Ion: 79 Resp: 631789

Ion Ratio Lower Upper

79 100

108 70.1 52.2 78.4

77 62.4 52.7 79.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.36 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

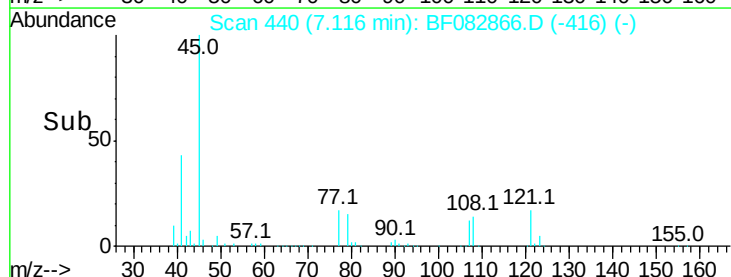
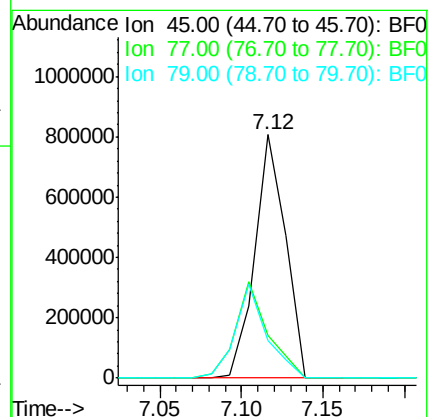
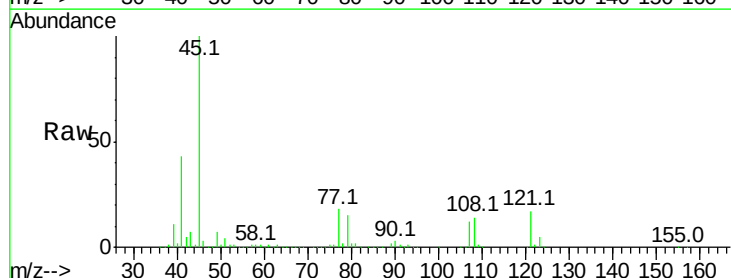
Tgt Ion: 45 Resp: 1048398

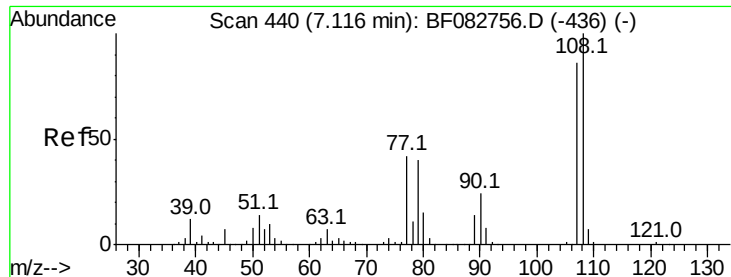
Ion Ratio Lower Upper

45 100

77 17.7 0.0 32.6

79 15.2 0.0 29.2





#17

2-Methylphenol

Concen: 47.84 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

Tot Ion:107 Resp: 613919

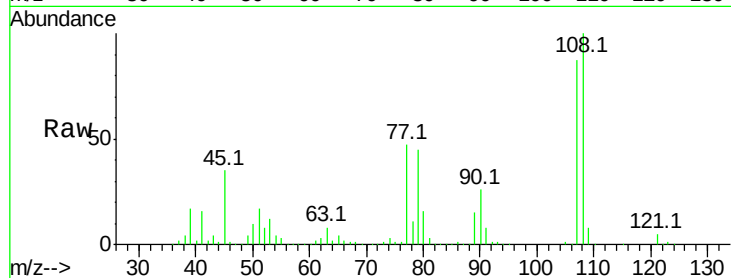
Ion Ratio Lower Upper

107 100

108 114.8 93.0 139.4

77 53.5 44.1 66.1

79 52.0 43.6 65.4



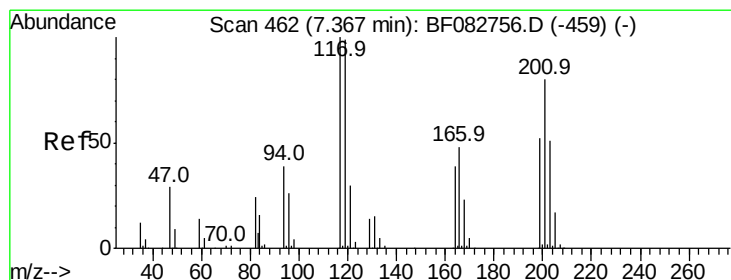
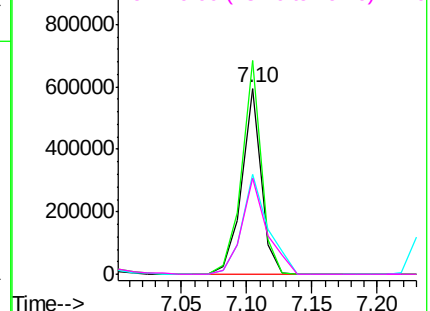
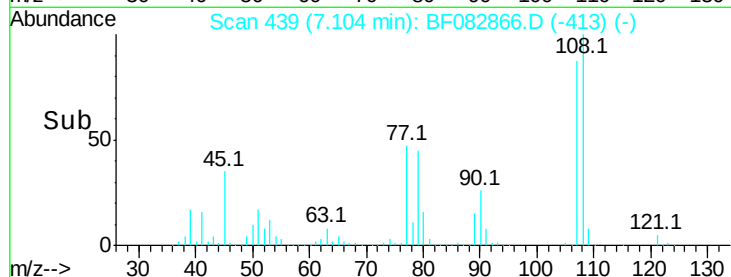
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.69 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

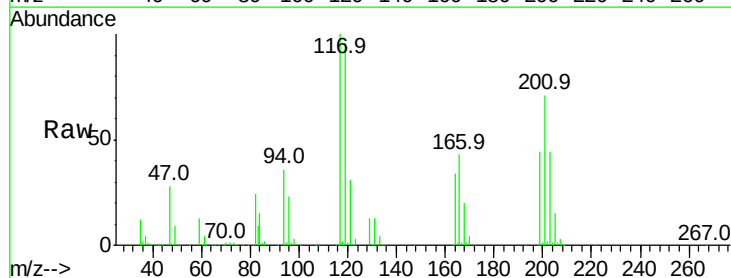
Tgt Ion:117 Resp: 245998

Ion Ratio Lower Upper

117 100

119 96.1 77.7 116.5

201 70.8 66.7 100.1

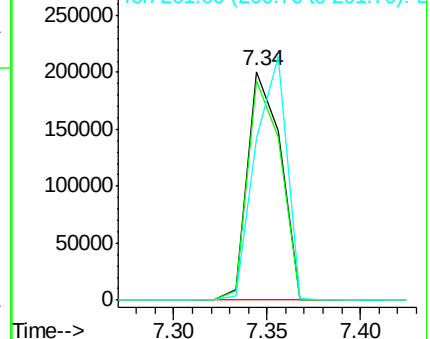
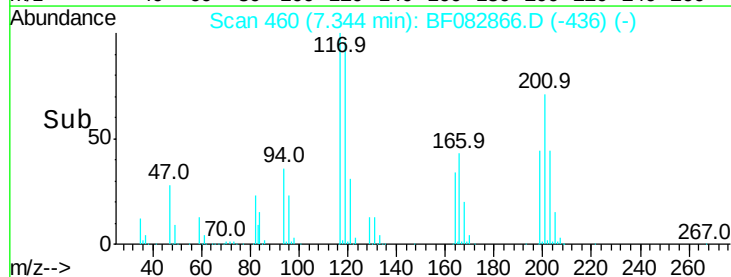


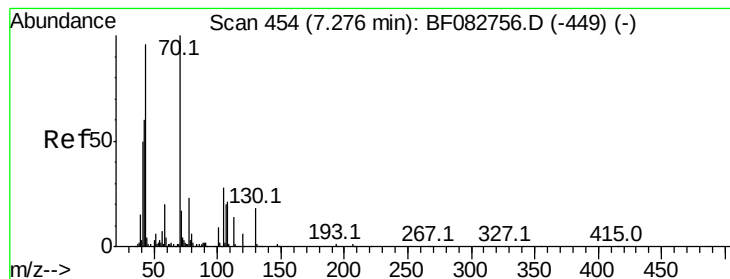
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.68 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.00 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

Tot Ion: 70 Resp: 583312

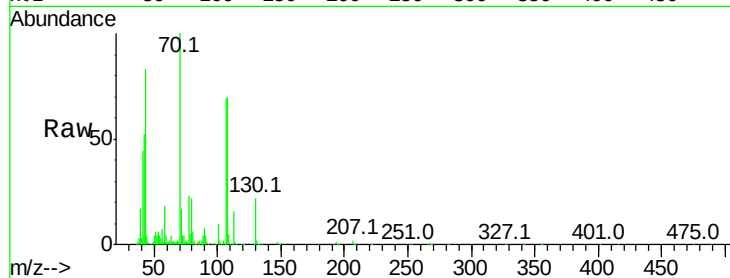
Ion Ratio Lower Upper

70 100

42 52.0 57.7 86.5#

101 10.0 7.0 10.6

130 22.0 11.8 17.6#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

600000

400000

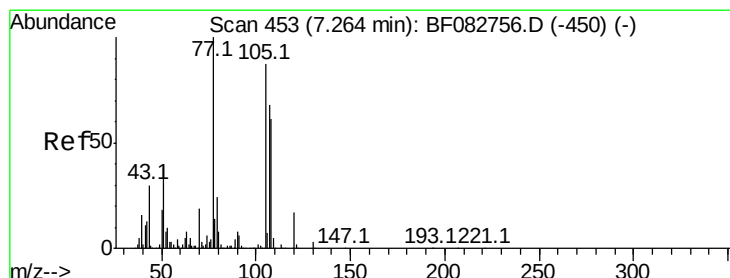
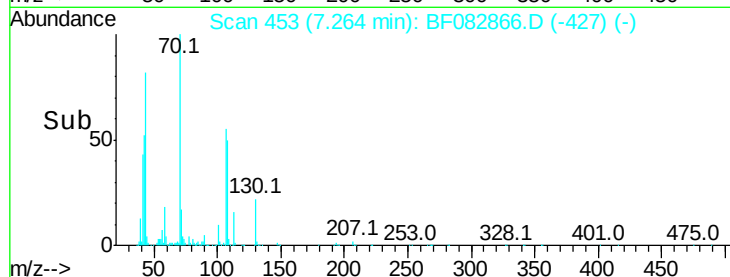
200000

100000

0

7.26

Time-->



#20

3+4-Methylphenols

Concen: 40.06 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Tgt Ion: 107 Resp: 668308

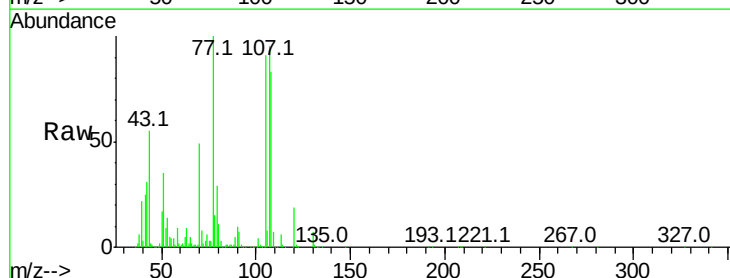
Ion Ratio Lower Upper

107 100

108 87.4 67.3 107.3

77 105.2 100.3 140.3

79 30.5 16.2 56.2



Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

1000000

800000

600000

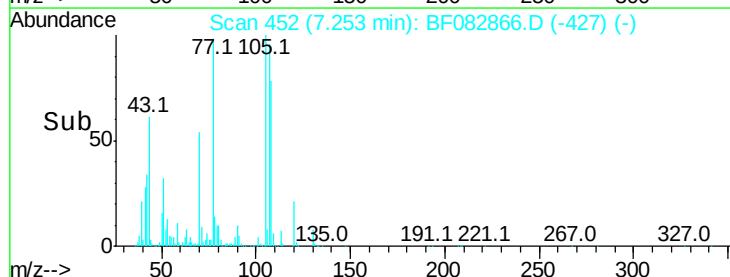
400000

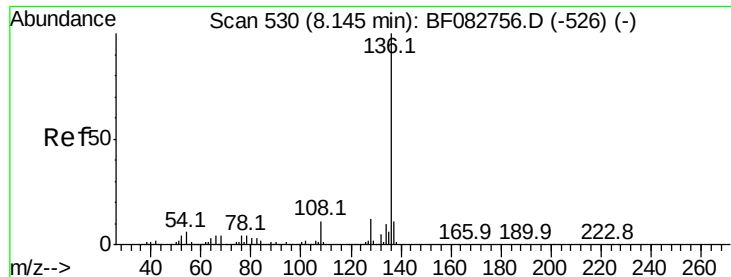
200000

0

7.25

Time-->

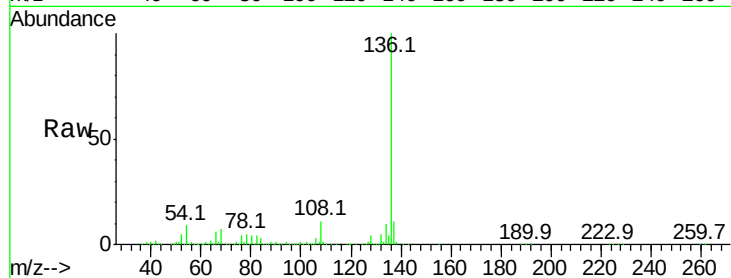




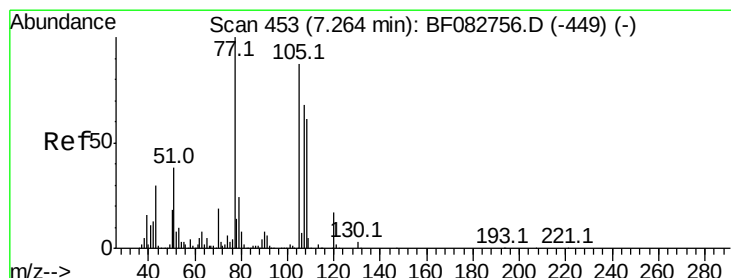
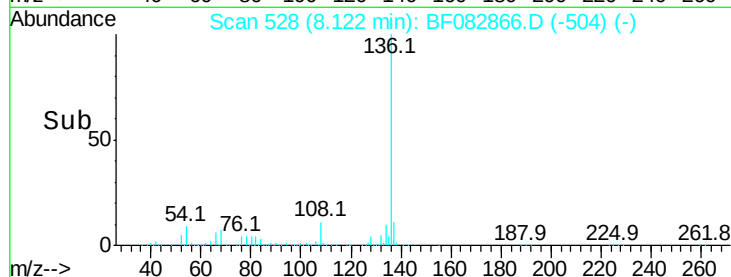
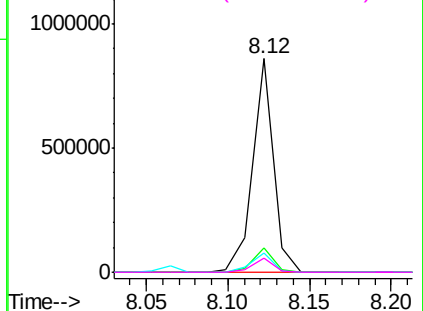
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampled :
1MSD

Tot Ion:	136	Resp:	761174
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.2	9.1	13.7
68	6.6	4.8	7.2

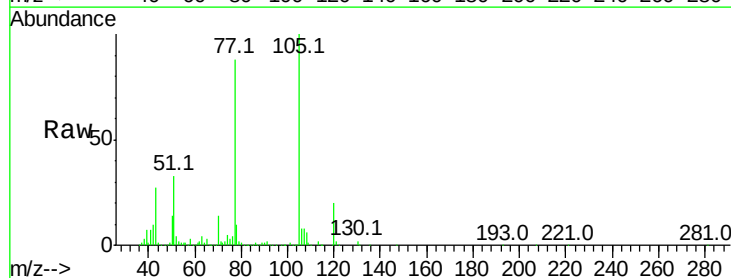


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

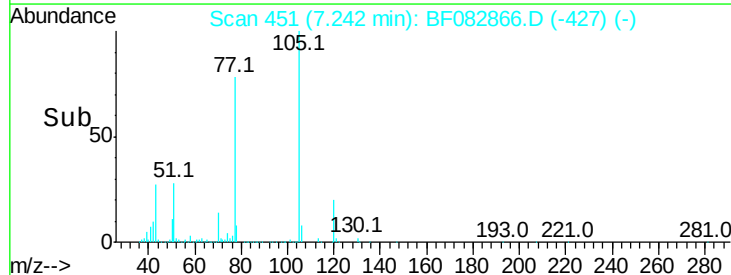
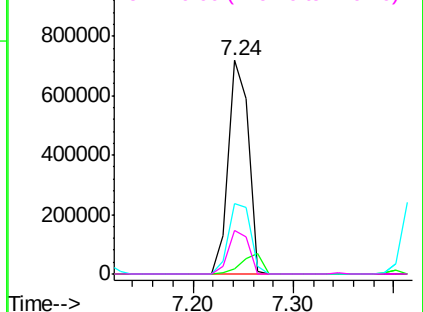


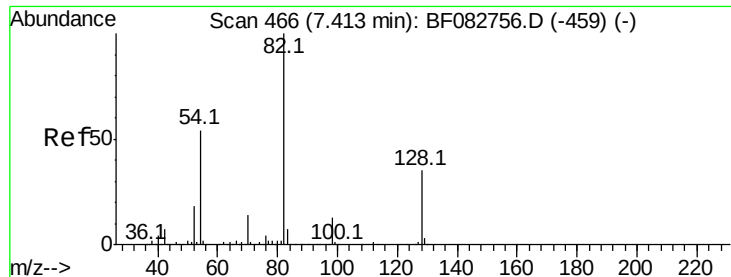
#22
Acetophenone
Concen: 45.65 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:	105	Resp:	995539
Ion	Ratio	Lower	Upper
105	100		
71	2.3	5.6	8.4#
51	33.0	24.9	37.3
120	20.1	15.8	23.8



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

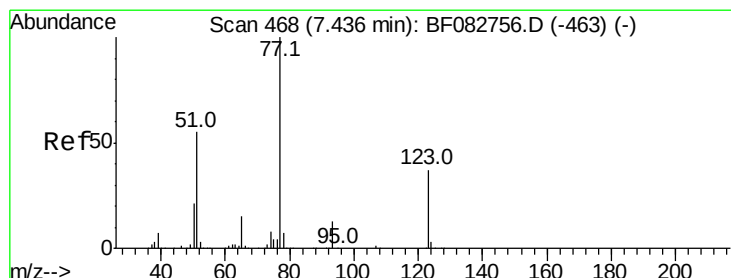
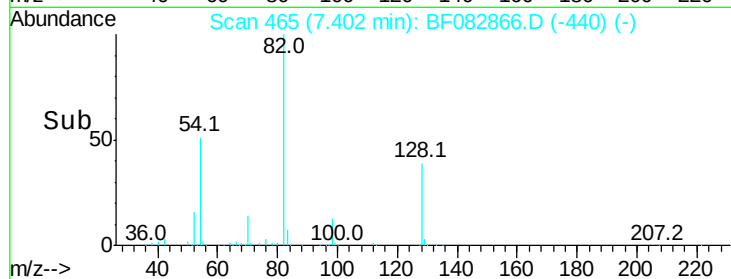
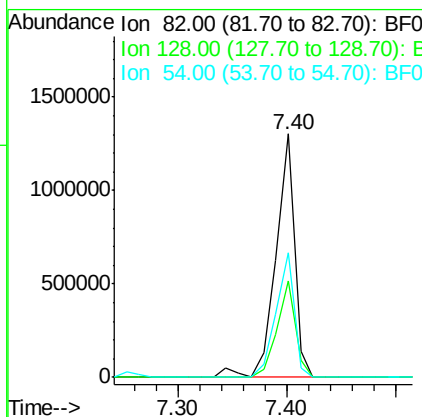
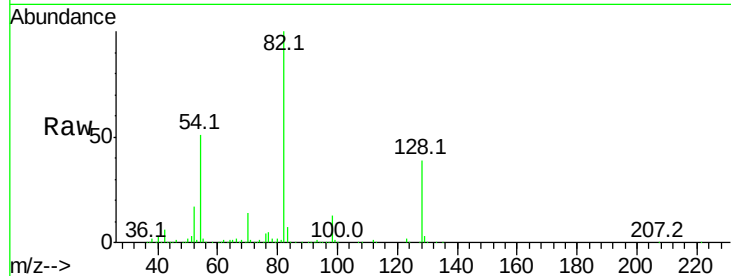




#23
 Nitrobenzene-d5
 Concen: 89.46 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

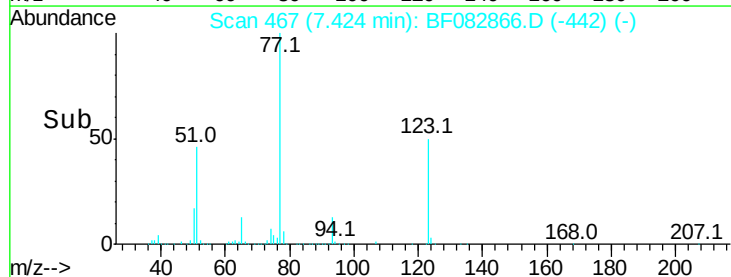
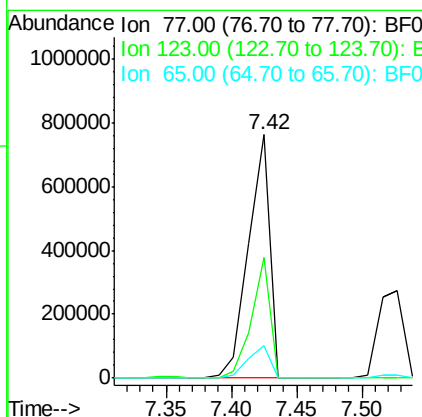
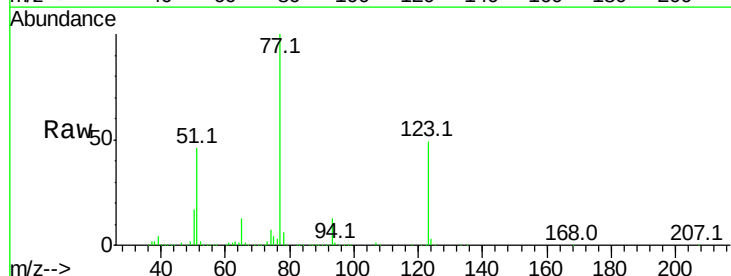
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

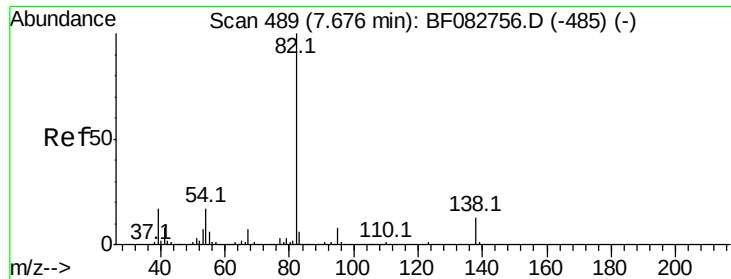
Tot Ion: 82 Resp: 1564864
 Ion Ratio Lower Upper
 82 100
 128 39.3 26.8 40.2
 54 51.4 45.7 68.5



#24
 Nitrobenzene
 Concen: 48.23 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion: 77 Resp: 862720
 Ion Ratio Lower Upper
 77 100
 123 49.4 36.4 54.6
 65 13.2 11.5 17.3





#25

Isophorone

Concen: 45.33 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

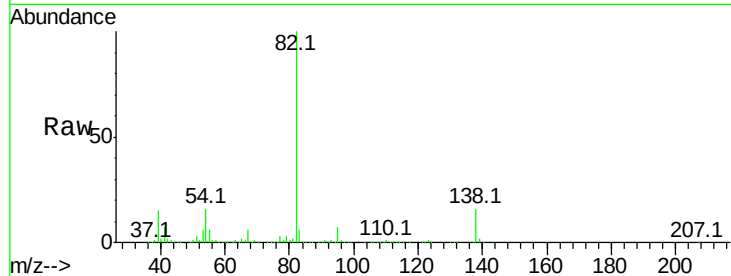
Tot Ion: 82 Resp: 1467254

Ion Ratio Lower Upper

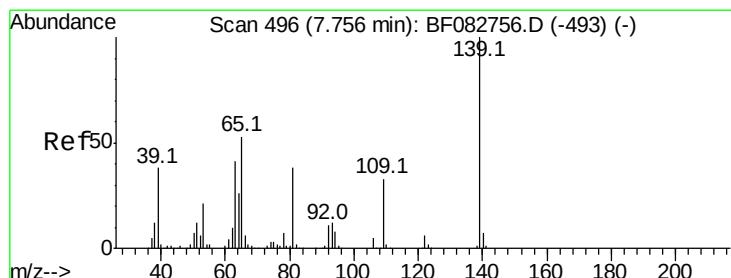
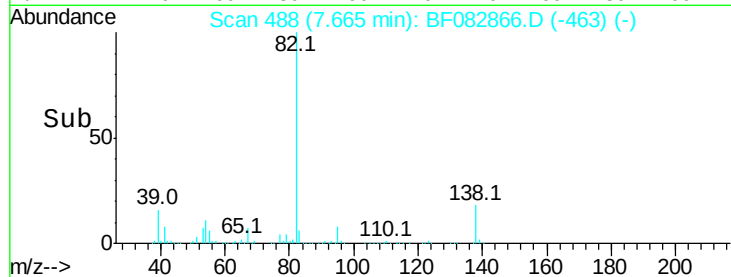
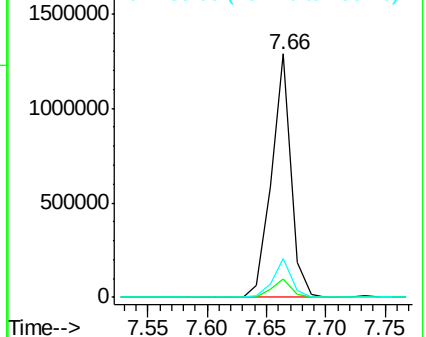
82 100

95 7.3 6.6 9.8

138 15.9 11.4 17.0



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



#26

2-Nitrophenol

Concen: 41.95 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

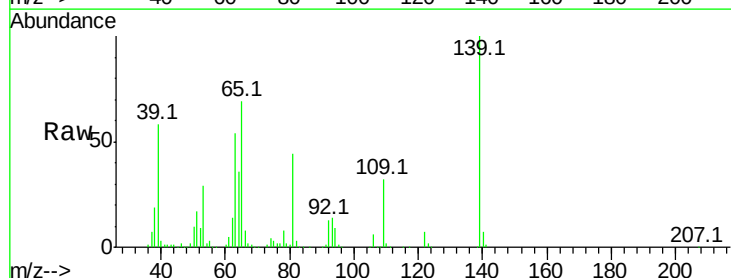
Tgt Ion: 139 Resp: 313277

Ion Ratio Lower Upper

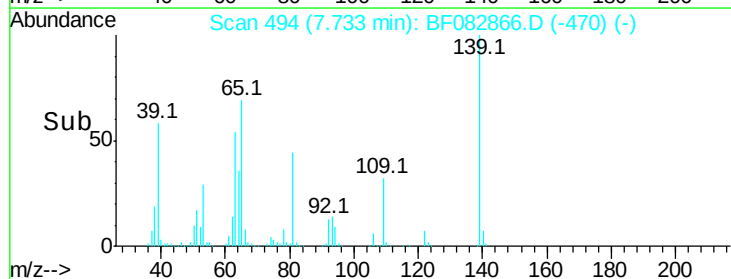
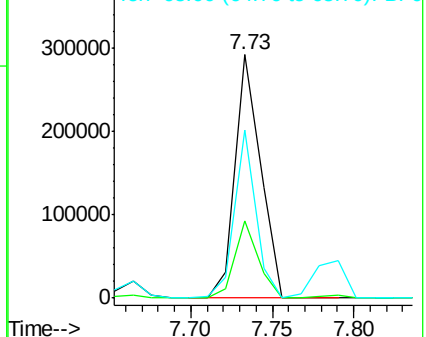
139 100

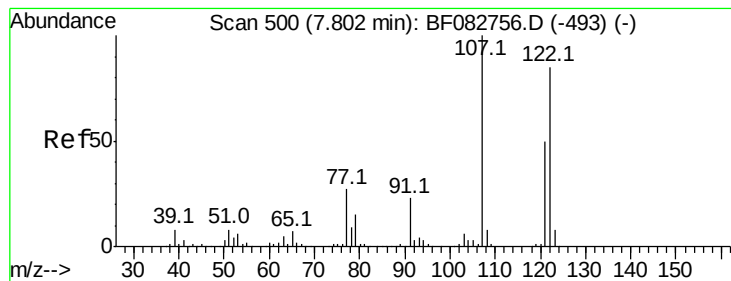
109 31.8 37.6 56.4#

65 69.1 70.6 105.8#



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





#27

2,4-Dimethylphenol

Concen: 47.79 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

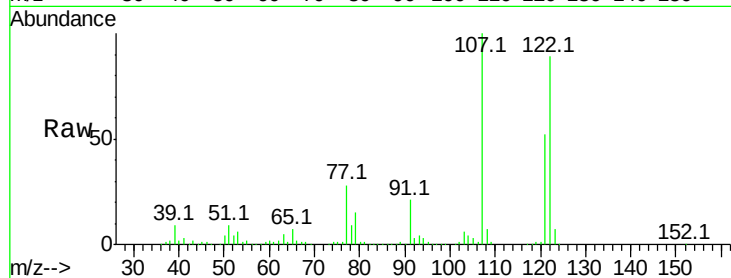
Tot Ion:122 Resp: 641258

Ion Ratio Lower Upper

122 100

107 112.3 106.0 159.0

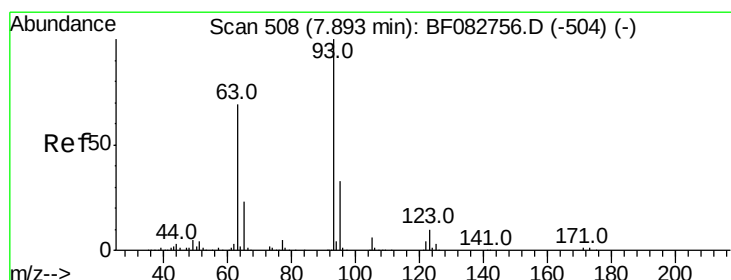
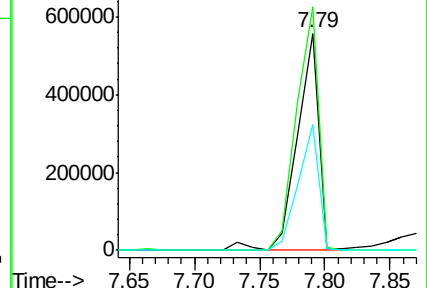
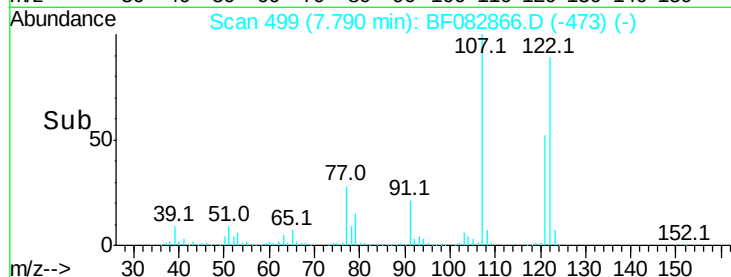
121 57.9 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.17 ng

RT: 7.87 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

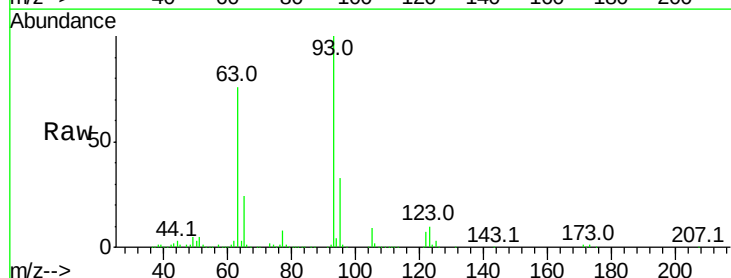
Tgt Ion: 93 Resp: 824634

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

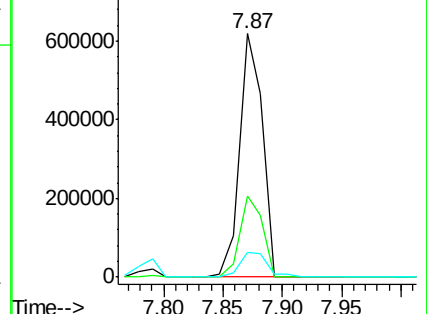
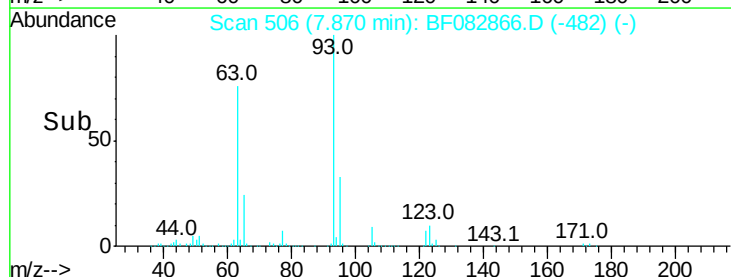
123 10.0 9.7 14.5

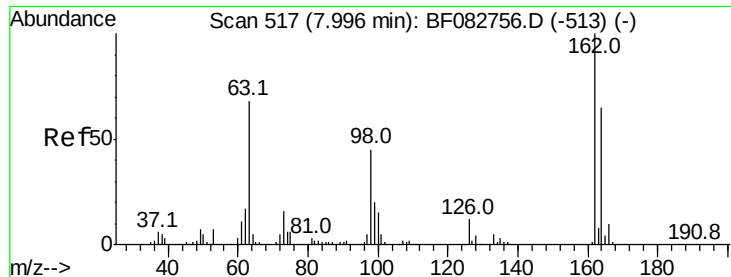


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 46.99 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

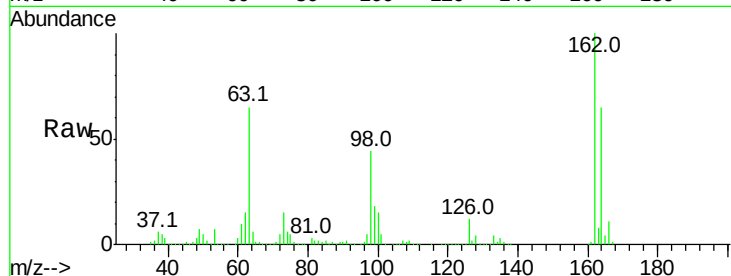
Tot Ion:162 Resp: 569791

Ion Ratio Lower Upper

162 100

164 64.5 46.8 86.8

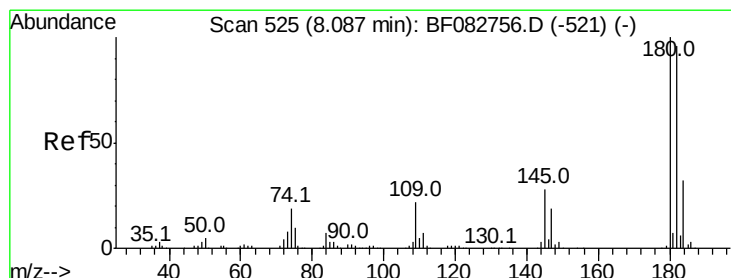
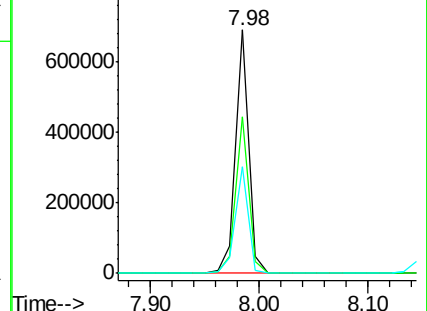
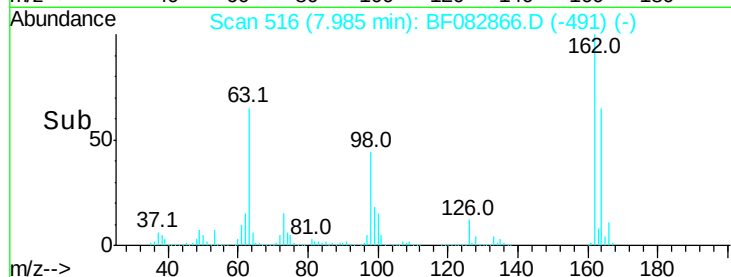
98 43.9 12.5 52.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 42.81 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

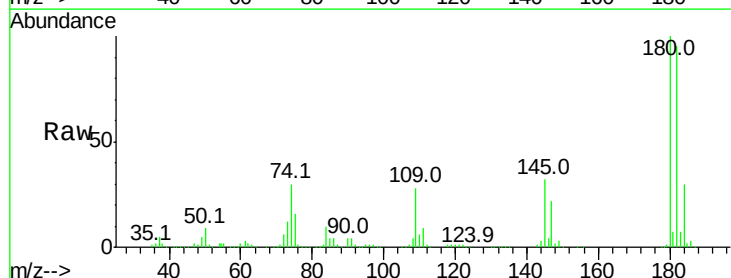
Tgt Ion:180 Resp: 583801

Ion Ratio Lower Upper

180 100

182 95.4 74.9 112.3

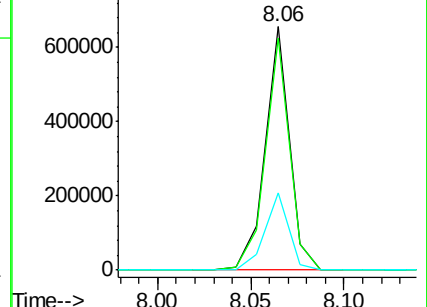
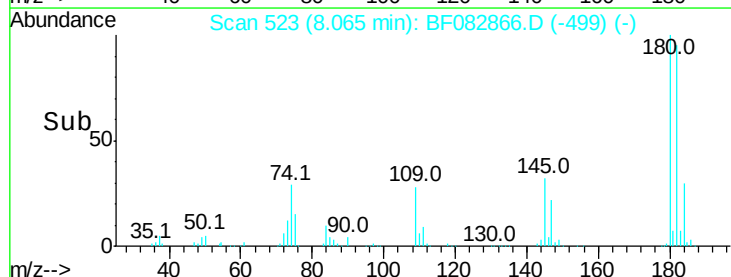
145 31.7 27.8 41.8

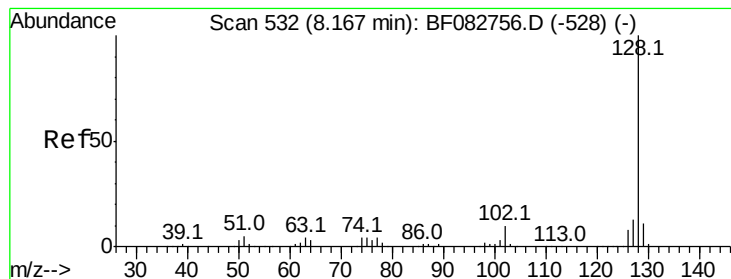


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.37 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

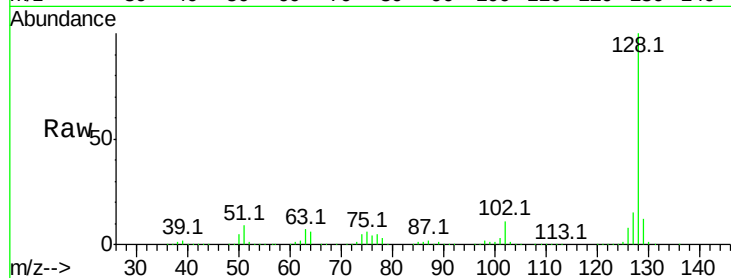
Tot Ion:128 Resp: 1779317

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

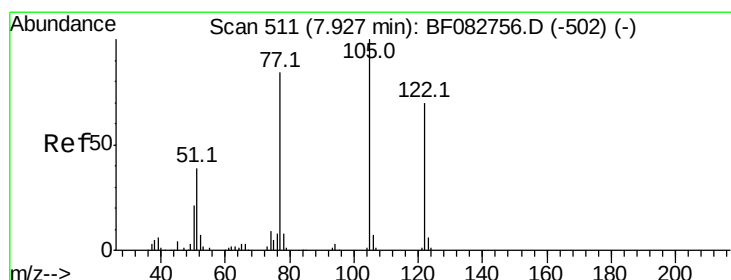
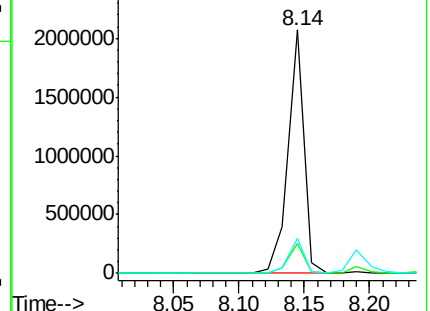
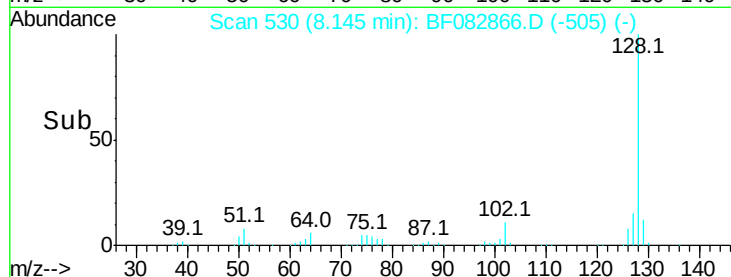
127 14.5 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.85 ng

RT: 7.90 min Scan# 509

Delta R.T. 0.00 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

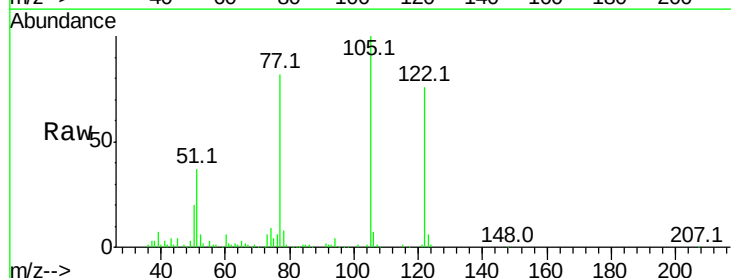
Tgt Ion:122 Resp: 255869

Ion Ratio Lower Upper

122 100

105 131.8 122.6 162.6

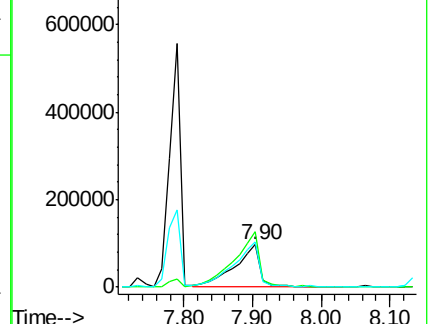
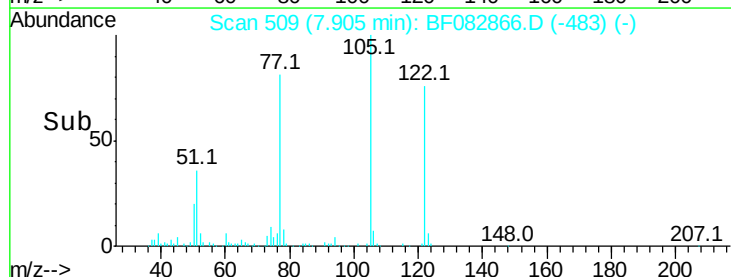
77 107.9 100.9 140.9

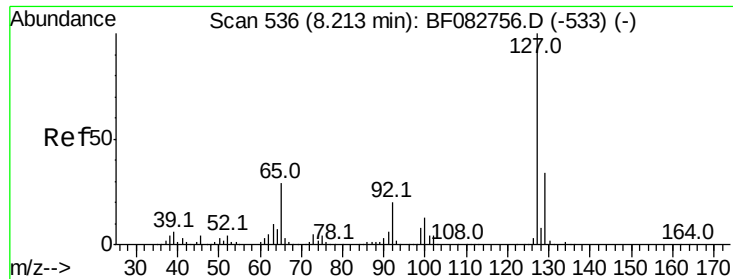


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

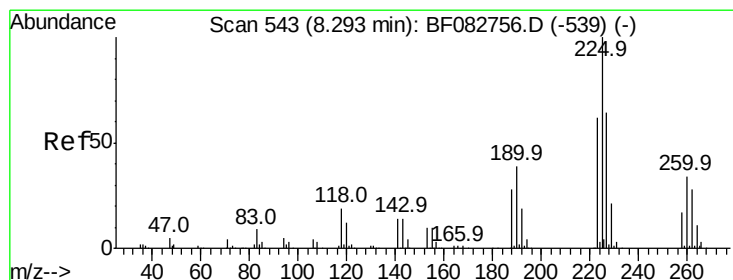
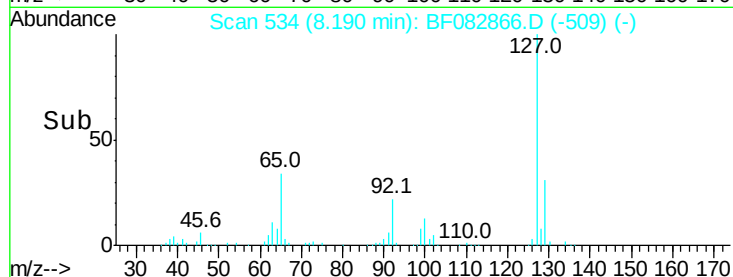
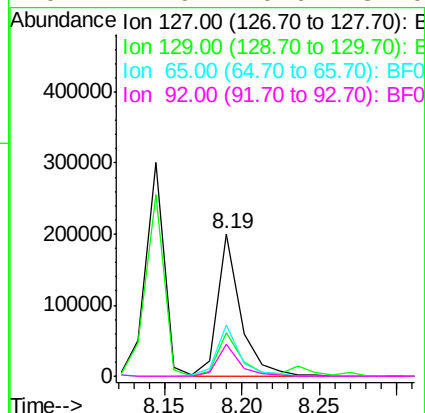
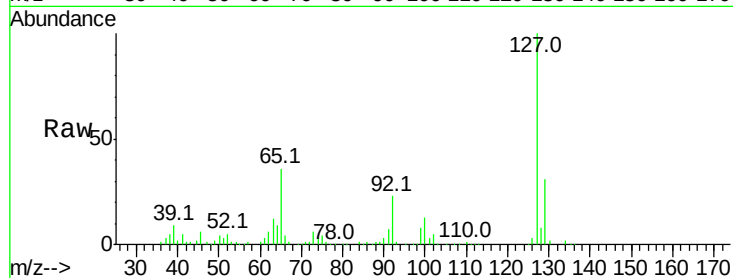




#33
4-Chloroaniline
Concen: 11.75 ng/ml
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

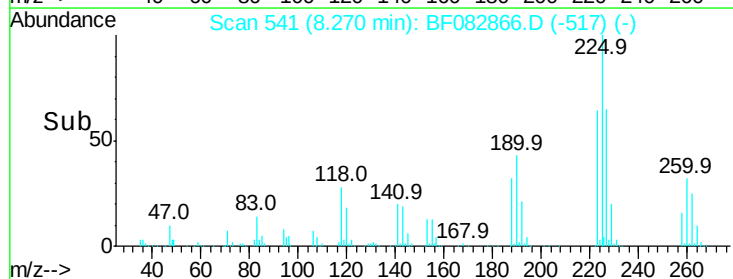
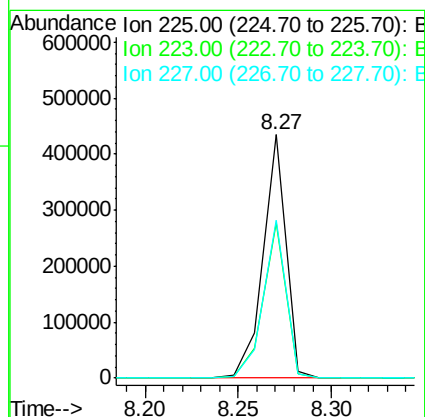
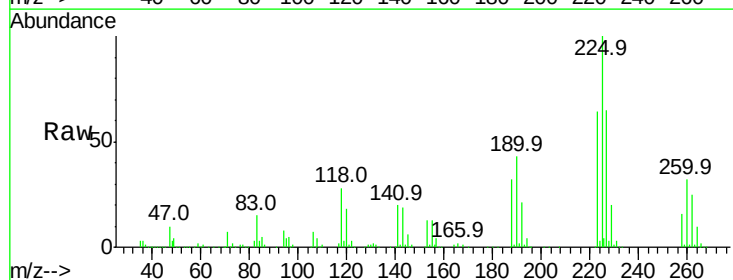
Instrument :
BNA_F
ClientSampleId :
1MSD

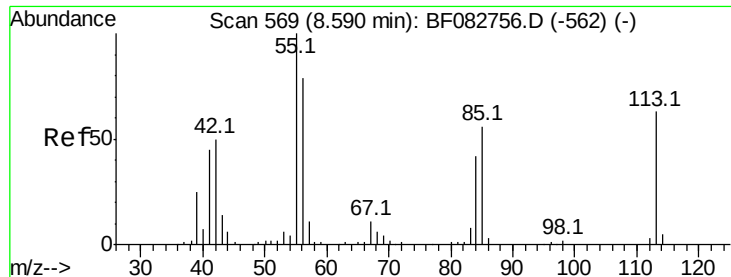
Tot Ion:	127	Resp:	212595
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.3	39.5
65	35.7	37.8	56.8#
92	22.6	20.6	31.0



#34
Hexachlorobutadiene
Concen: 42.78 ng/ml
RT: 8.27 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:	225	Resp:	365061
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.5	75.7
227	64.9	50.2	75.2





#35

Caprolactam

Concen: 49.31 ng

RT: 8.56 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampled :

1MSD

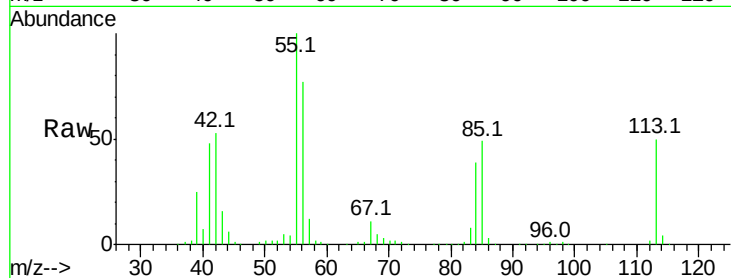
Tot Ion:113 Resp: 188505

Ion Ratio Lower Upper

113 100

55 200.9 195.5 235.5

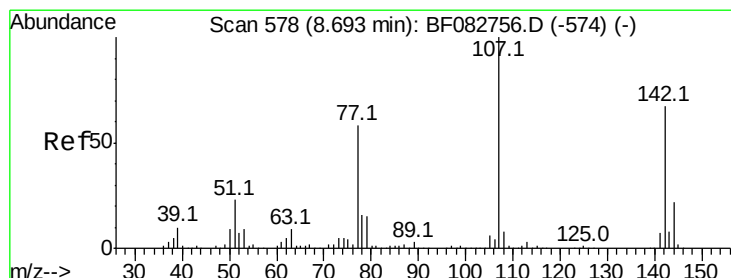
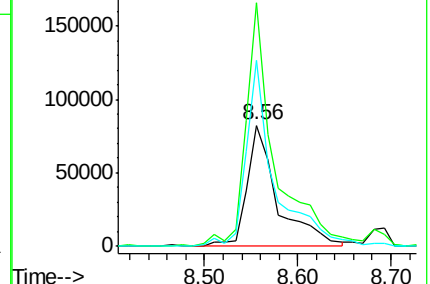
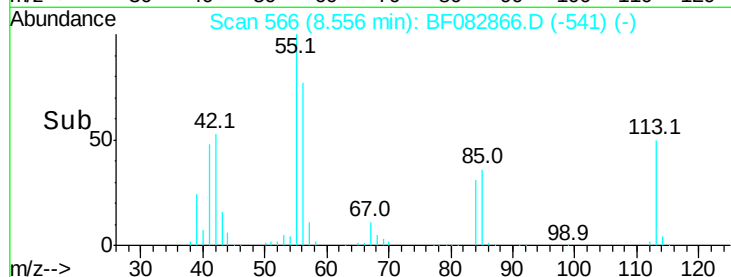
56 153.8 153.5 193.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 43.89 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

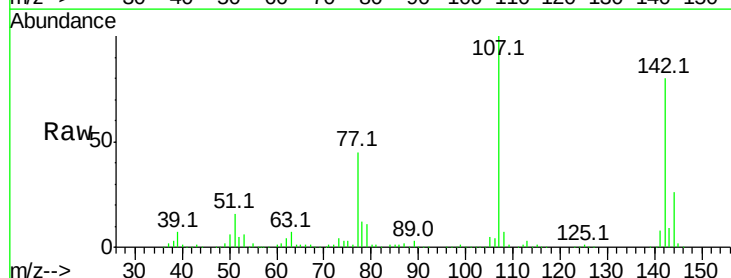
Tgt Ion:107 Resp: 625896

Ion Ratio Lower Upper

107 100

144 26.2 15.4 23.0#

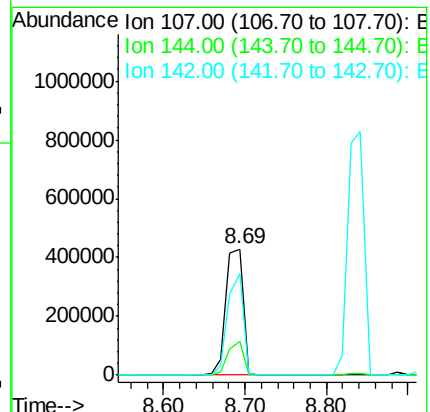
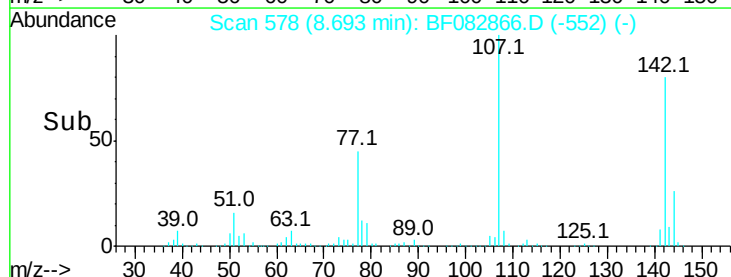
142 80.1 47.8 71.8#

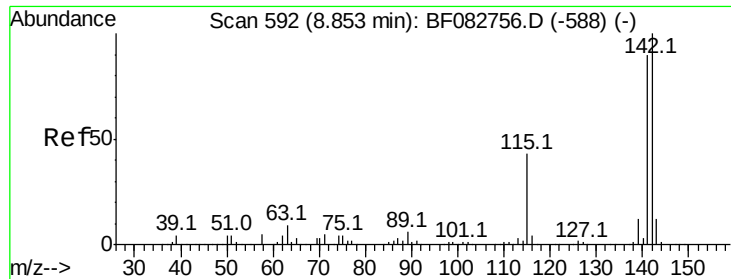


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

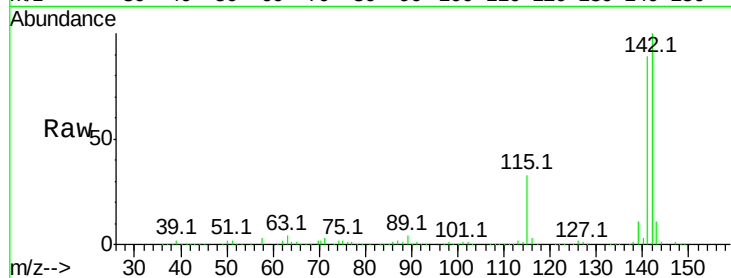




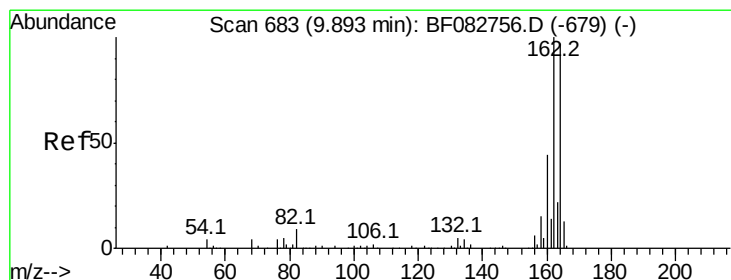
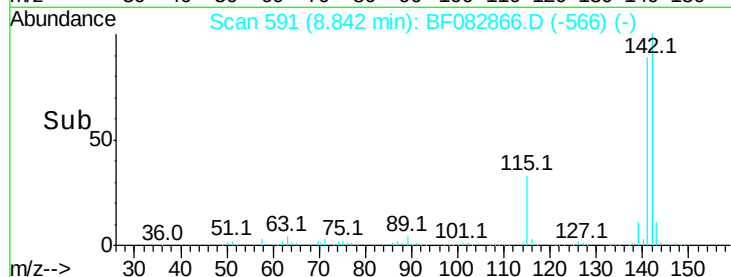
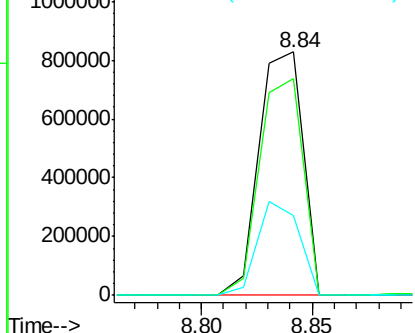
#37
2-Methylnaphthalene
Concen: 42.65 ng/ml
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampleId :
1MSD

Tot Ion:142 Resp: 1158623
Ion Ratio Lower Upper
142 100
141 88.8 72.3 108.5
115 32.7 38.1 57.1#

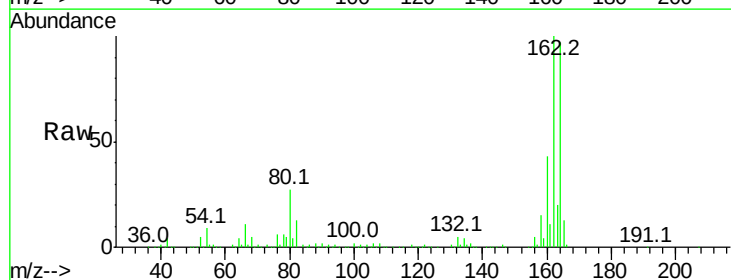


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

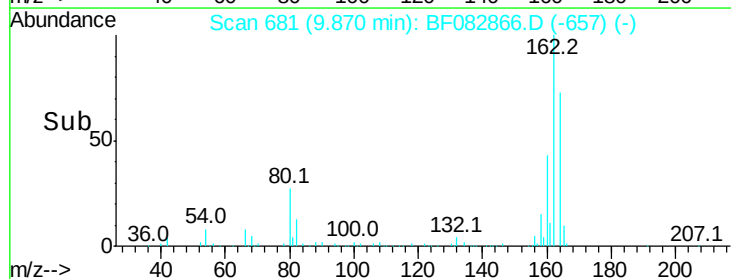
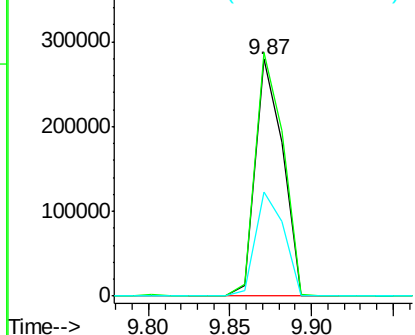


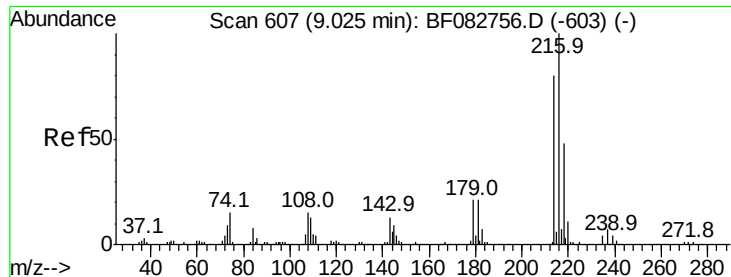
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:164 Resp: 326407
Ion Ratio Lower Upper
164 100
162 102.8 84.9 127.3
160 43.8 37.5 56.3



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: 46.62 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampled :

1MSD

Tot Ion:216 Resp: 500011

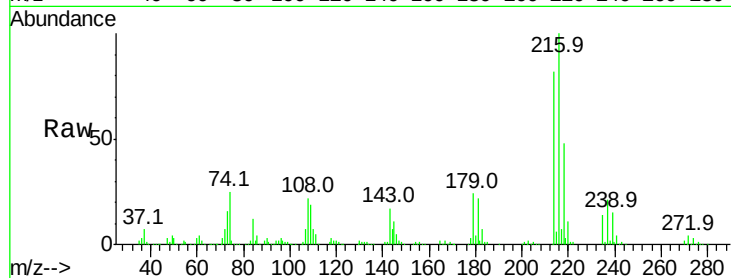
Ion Ratio Lower Upper

216 100

214 80.6 62.2 93.2

179 22.8 18.1 27.1

108 21.3 16.6 25.0

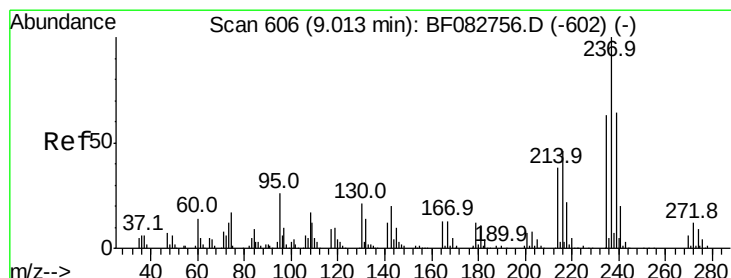
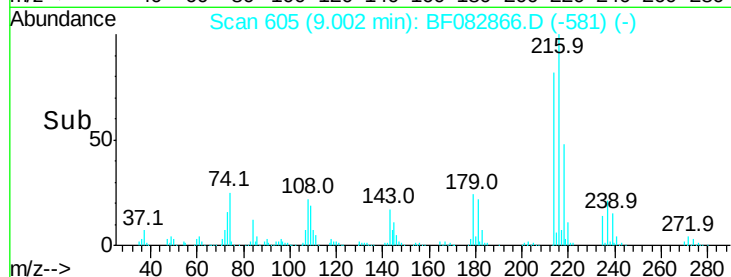
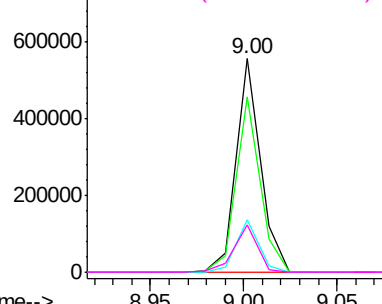


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.51 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

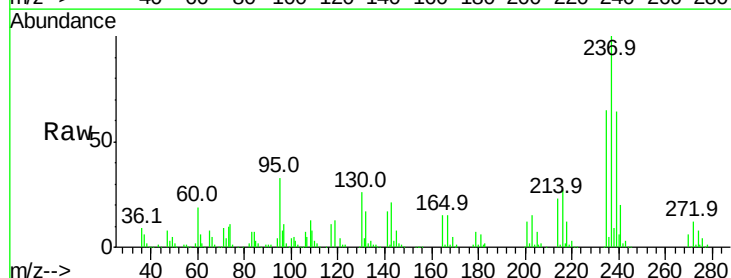
Tgt Ion:237 Resp: 221900

Ion Ratio Lower Upper

237 100

235 65.3 44.3 84.3

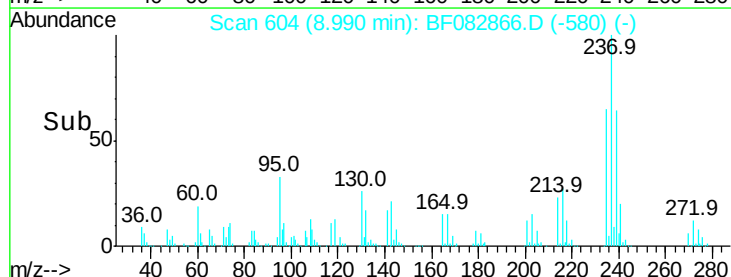
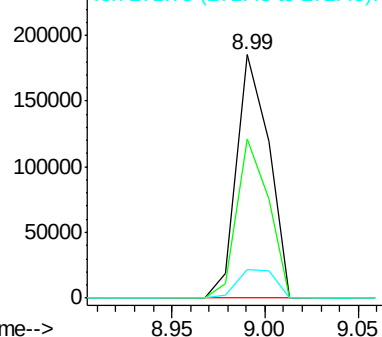
272 11.9 0.0 31.9

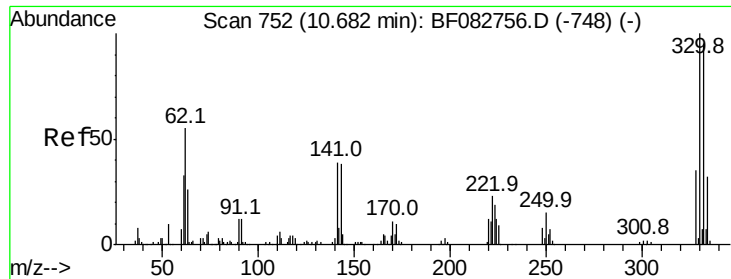


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

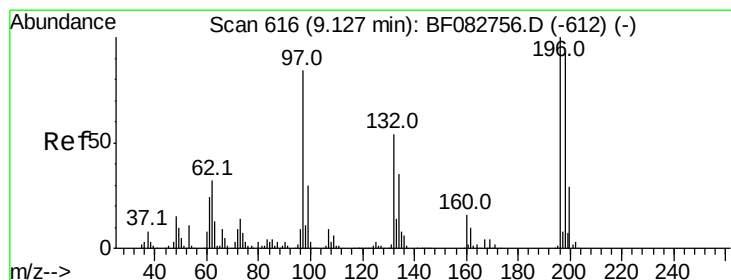
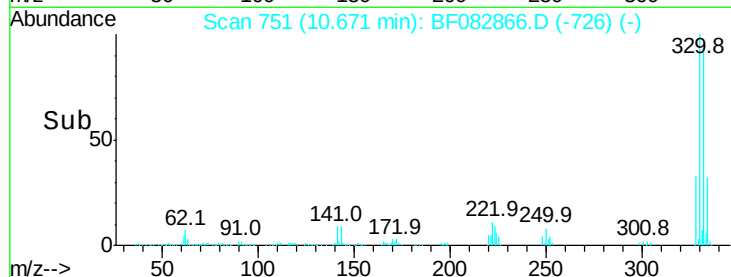
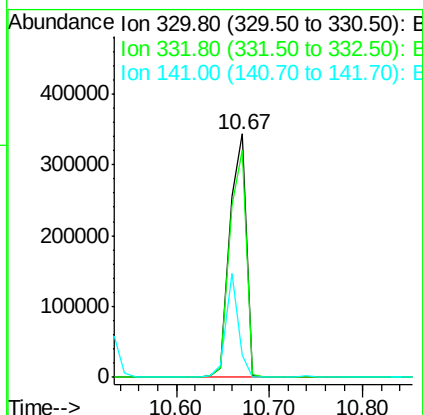
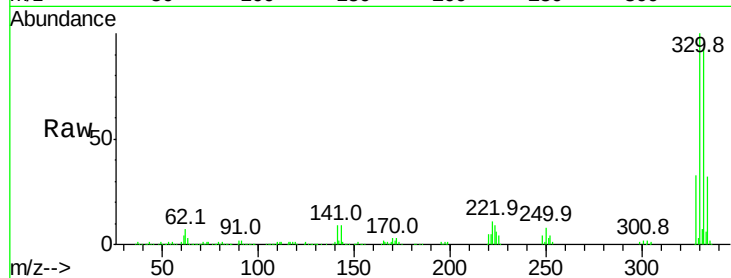




#41
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

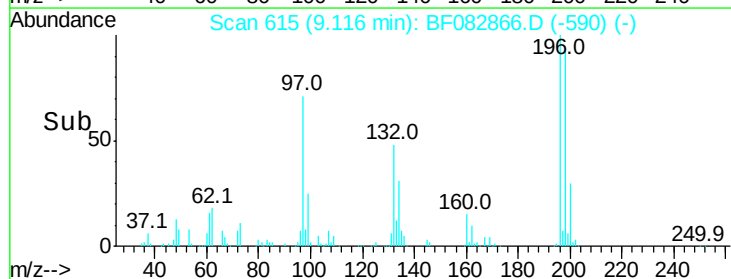
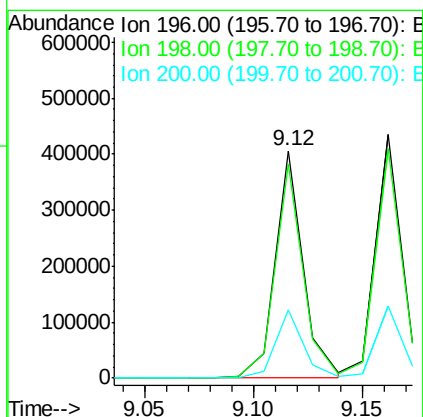
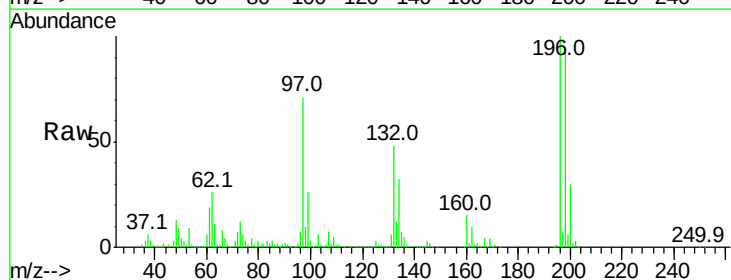
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

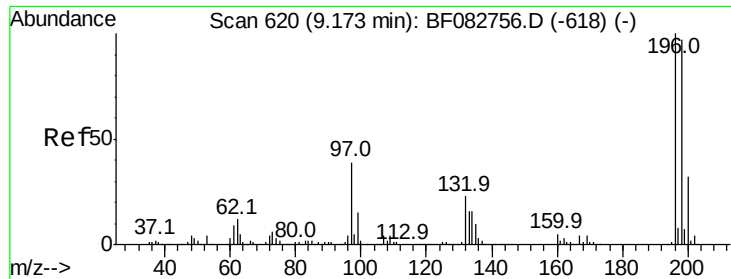
Tot Ion:330 Resp: 425106
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.6 114.8
 141 31.8 41.2 61.8#



#42
 2,4,6-Trichlorophenol
 Concen: 45.84 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:196 Resp: 367033
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.2 23.9 35.9

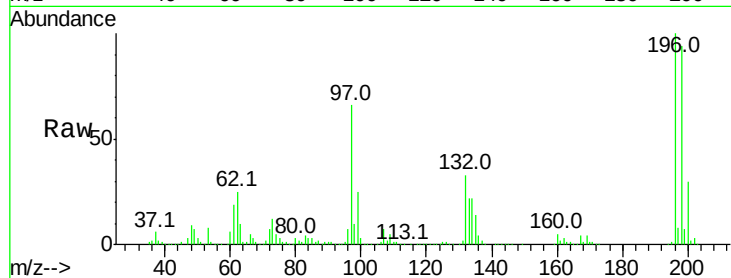




#43
 2,4,5-Trichlorophenol
 Concen: 46.34 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Instrument :
 BNA_F
 ClientSampleId :
 1MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.8	113.8
97	65.9	62.3	93.5
132	32.9	27.4	41.2



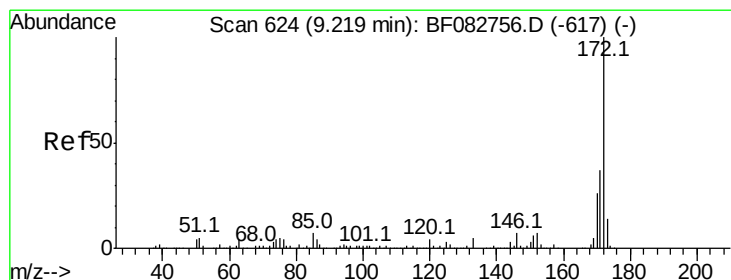
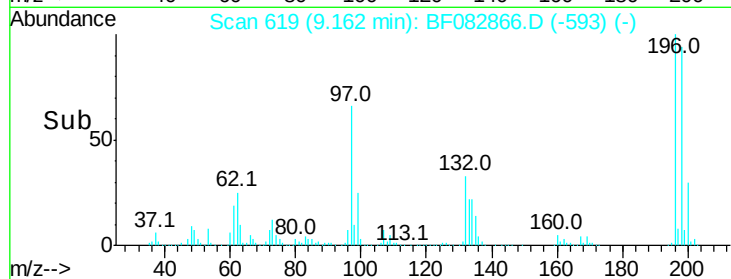
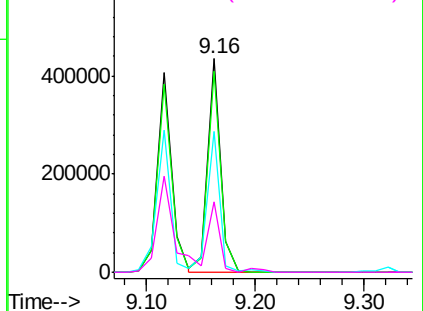
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

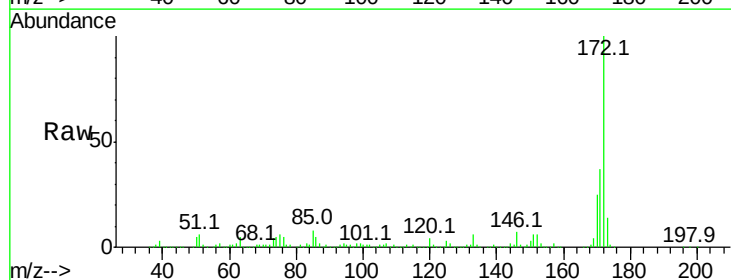
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 85.95 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.8	46.2
170	24.5	21.2	31.8

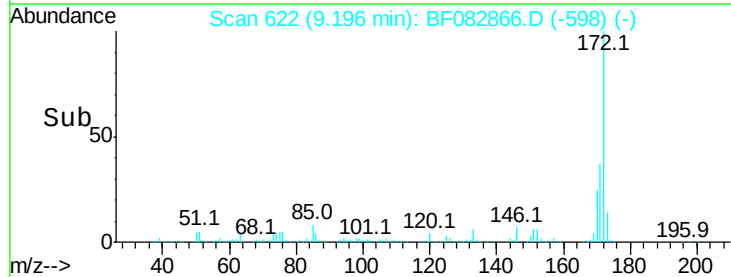
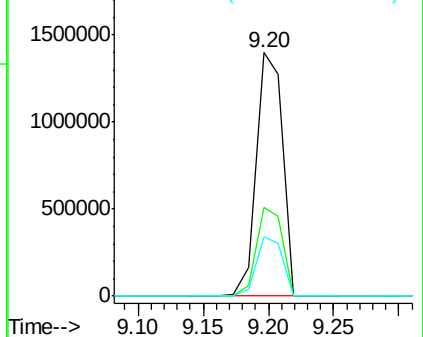


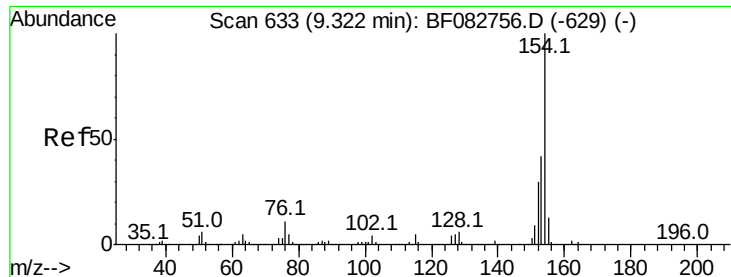
Abundance

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

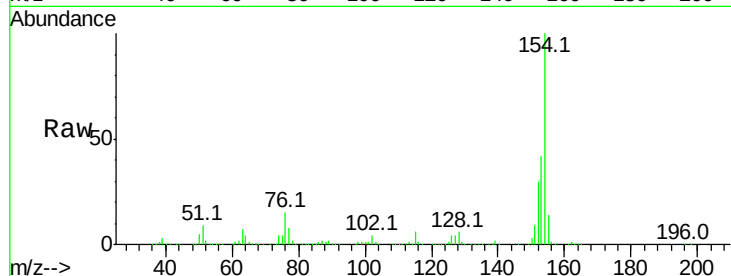




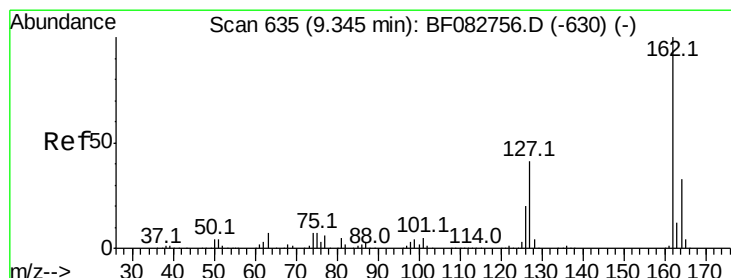
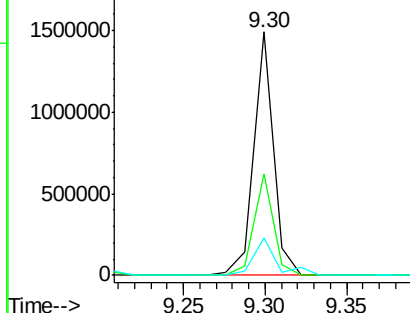
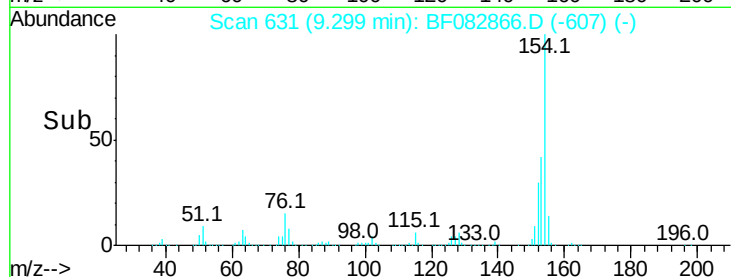
#45
 1,1'-Biphenyl
 Concen: 44.60 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Instrument :
 BNA_F
 ClientSampleId :
 1MSD

Tot Ion:154 Resp: 1249268
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.0 62.0
 76 15.3 0.0 29.0

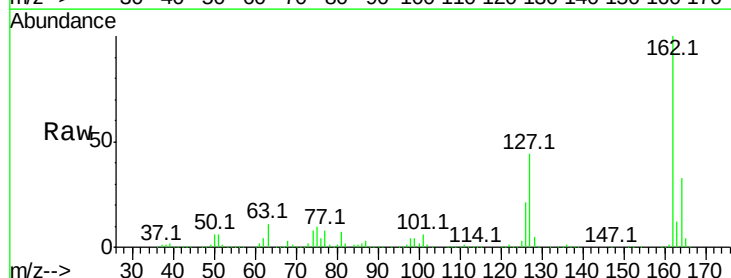


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

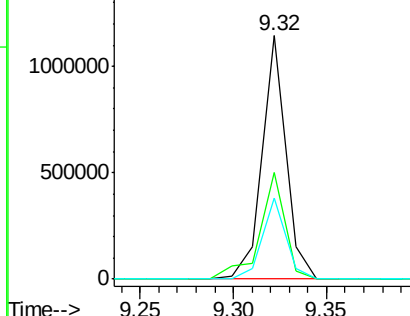
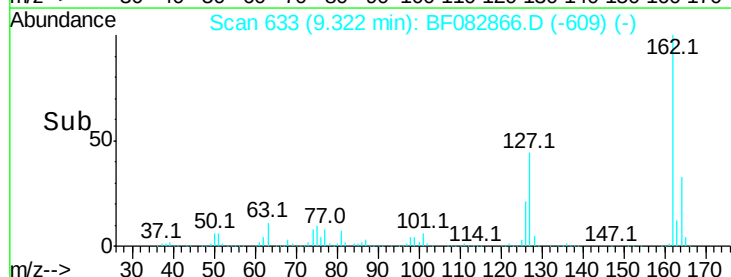


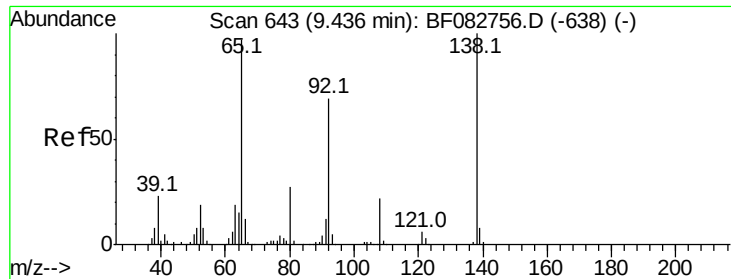
#46
 2-Chloronaphthalene
 Concen: 45.83 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:162 Resp: 1001338
 Ion Ratio Lower Upper
 162 100
 127 43.6 32.7 49.1
 164 33.1 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

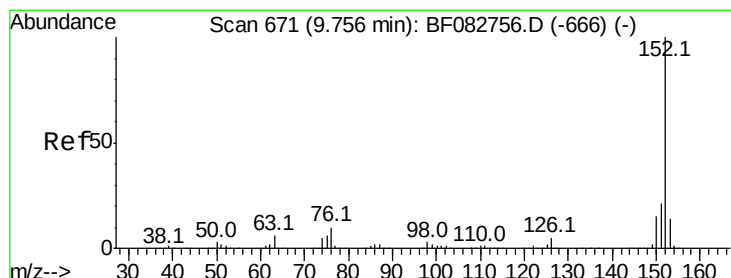
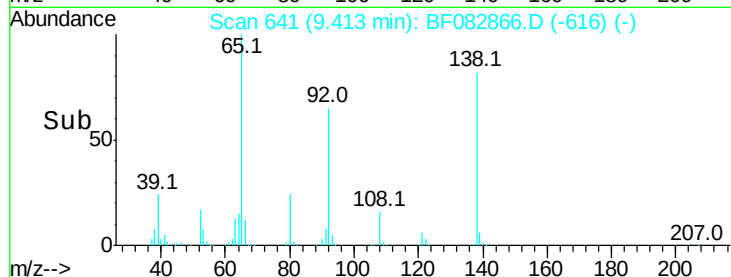
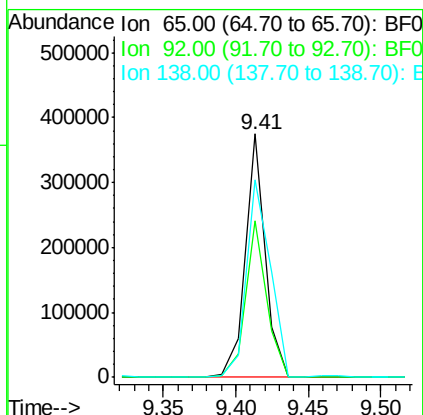
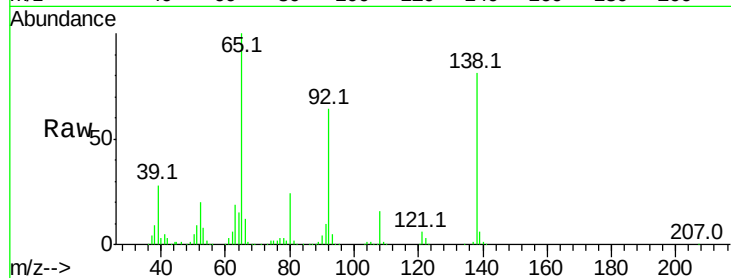




#47
2-Nitroaniline
Concen: 43.92 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

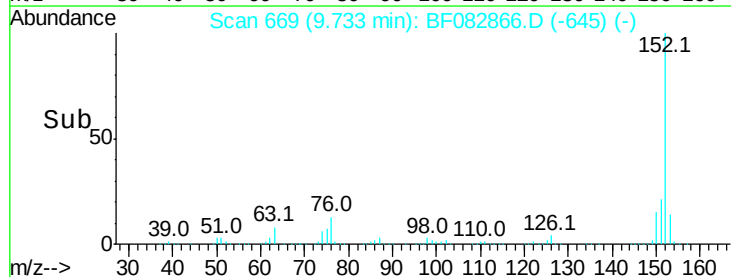
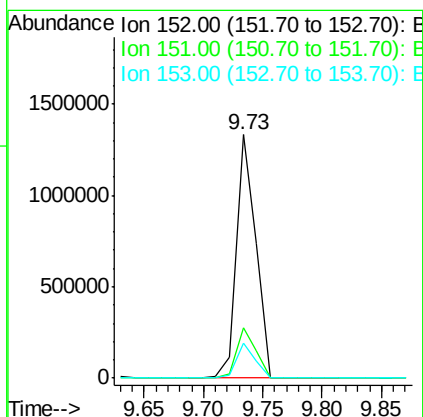
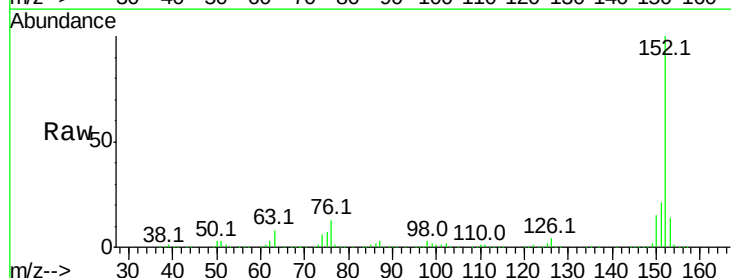
Instrument :
BNA_F
ClientSampleId :
1MSD

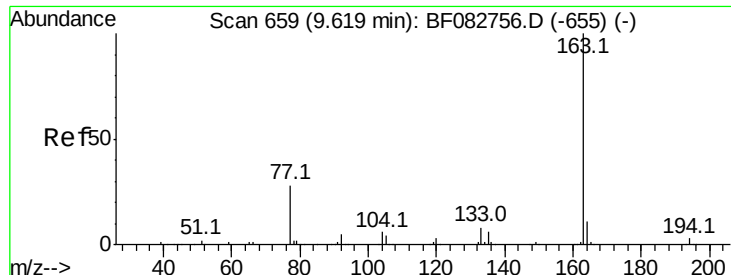
Tot Ion: 65 Resp: 355934
Ion Ratio Lower Upper
65 100
92 64.4 46.6 70.0
138 81.1 54.6 81.8



#48
Acenaphthylene
Concen: 44.08 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion: 152 Resp: 1509197
Ion Ratio Lower Upper
152 100
151 20.8 17.3 25.9
153 14.2 11.3 16.9

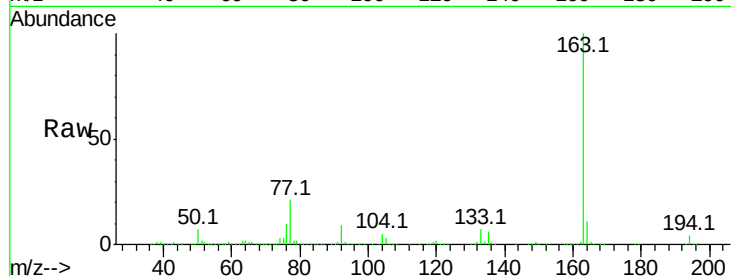




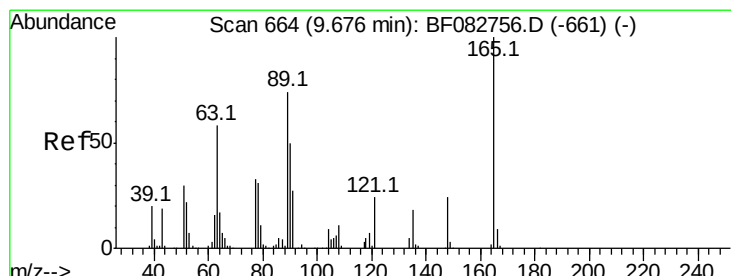
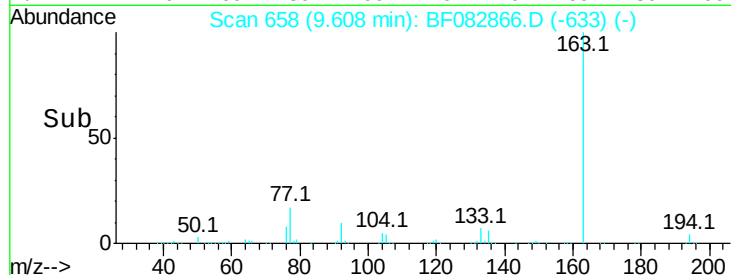
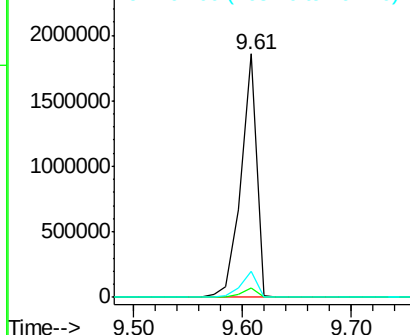
#49
Dimethylphthalate
Concen: 67.82 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampled :
1MSD

Tot Ion:163 Resp: 1813805
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 10.8 8.7 13.1

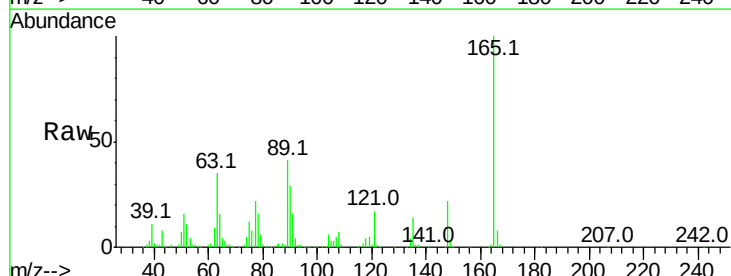


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

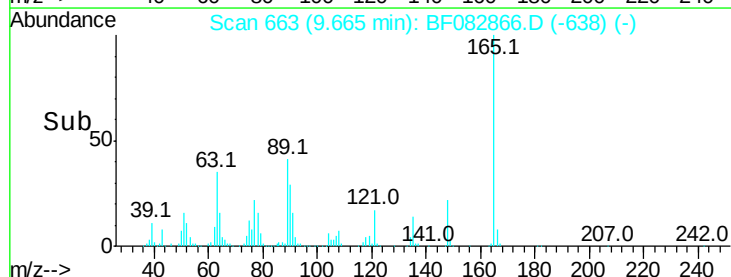
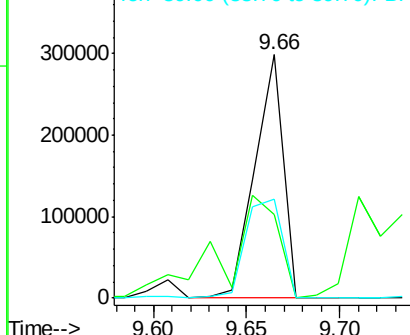


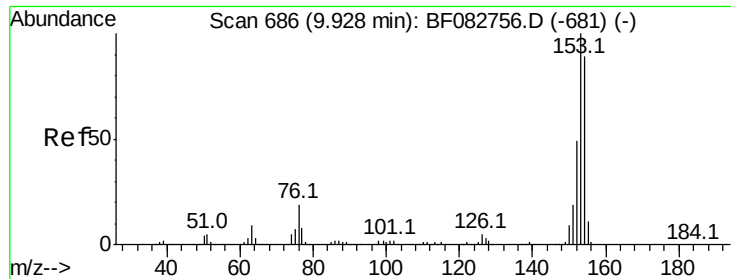
#50
2,6-Dinitrotoluene
Concen: 54.78 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:165 Resp: 312601
Ion Ratio Lower Upper
165 100
63 34.5 55.5 83.3#
89 40.8 55.0 82.6#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.32 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

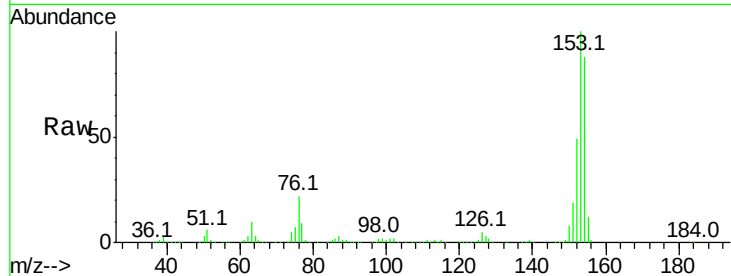
Tot Ion:154 Resp: 940087

Ion Ratio Lower Upper

154 100

153 113.0 90.1 135.1

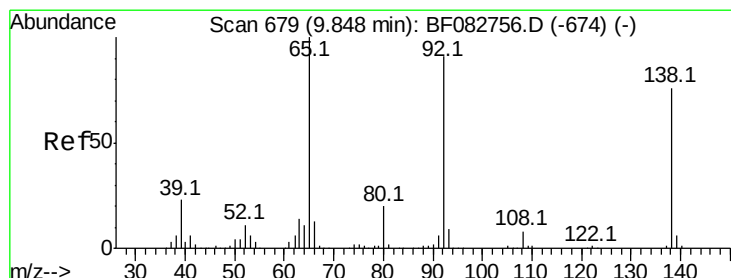
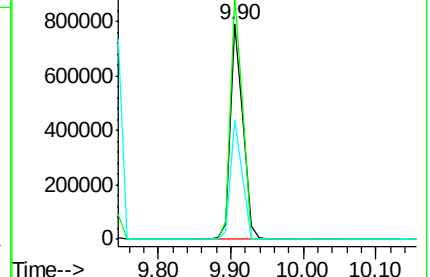
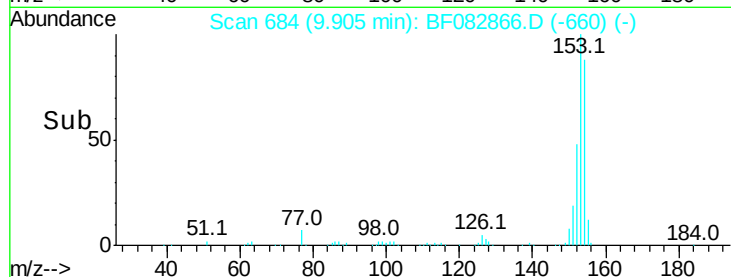
152 55.3 44.3 66.5



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: 34.34 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

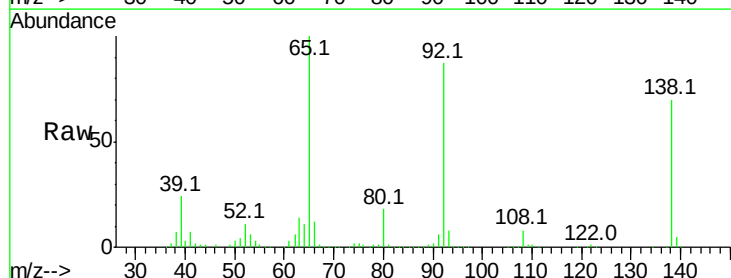
Tgt Ion:138 Resp: 215530

Ion Ratio Lower Upper

138 100

108 11.1 11.3 16.9#

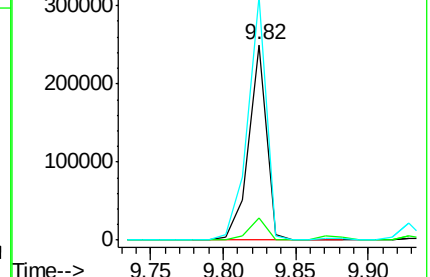
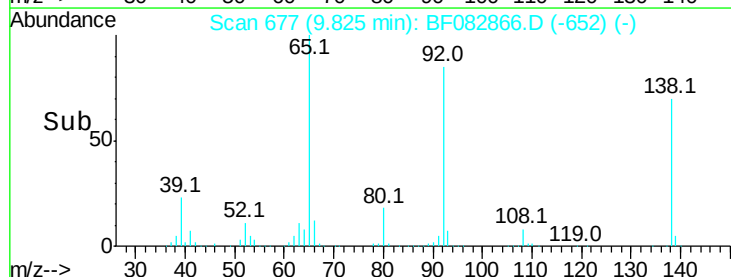
92 124.9 122.4 183.6

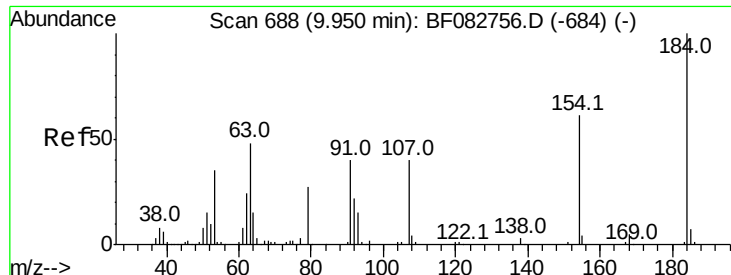


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

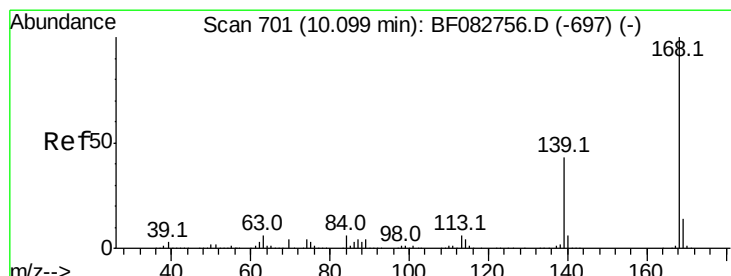
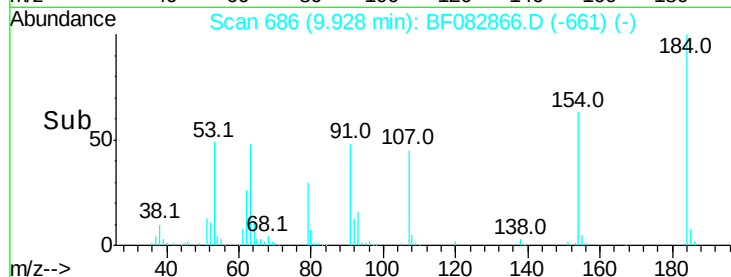
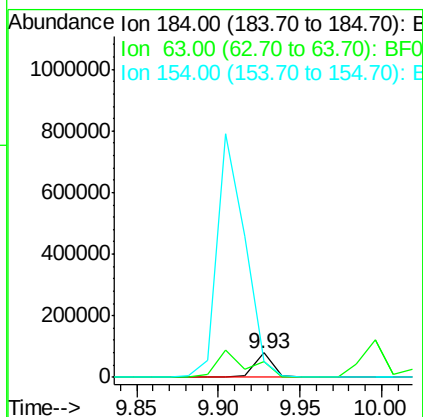
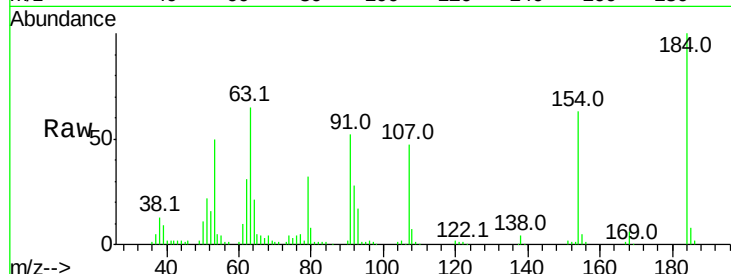




#53
 2,4-Dinitrophenol
 Concen: 20.87 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

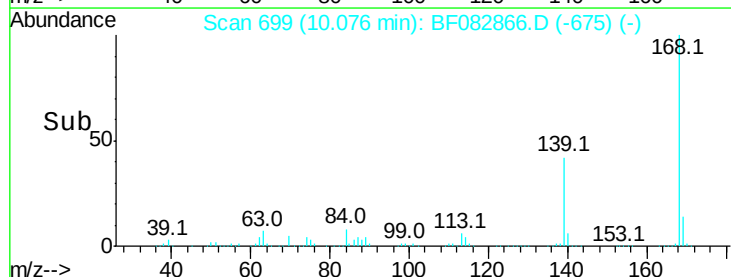
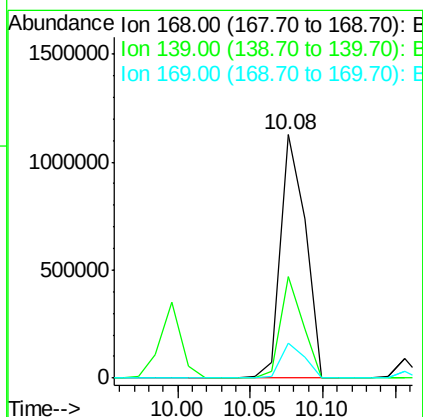
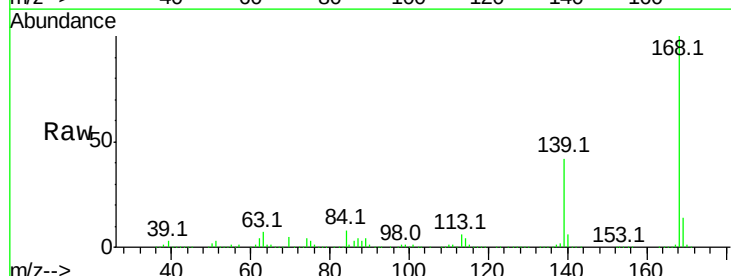
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

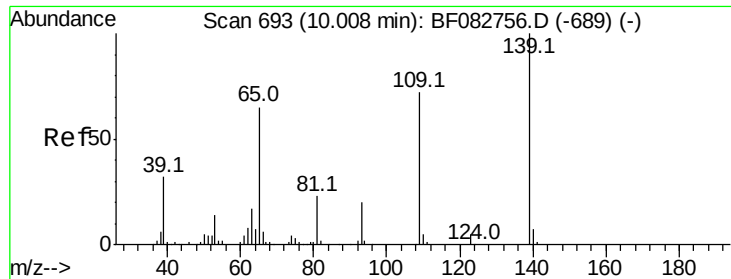
Tot Ion:184 Resp: 65384
 Ion Ratio Lower Upper
 184 100
 63 65.3 98.6 148.0#
 154 62.8 183.9 275.9#



#54
 Dibenzofuran
 Concen: 45.61 ng
 RT: 10.08 min Scan# 699
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:168 Resp: 1334333
 Ion Ratio Lower Upper
 168 100
 139 41.7 37.8 56.6
 169 14.4 11.3 16.9

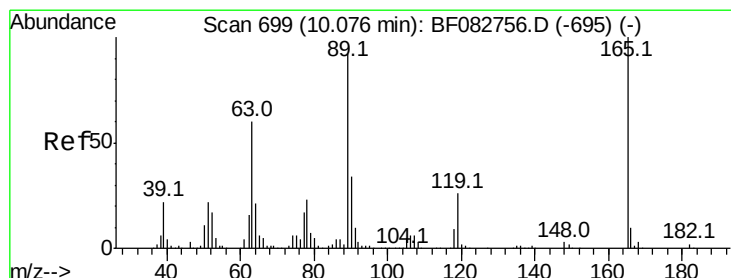
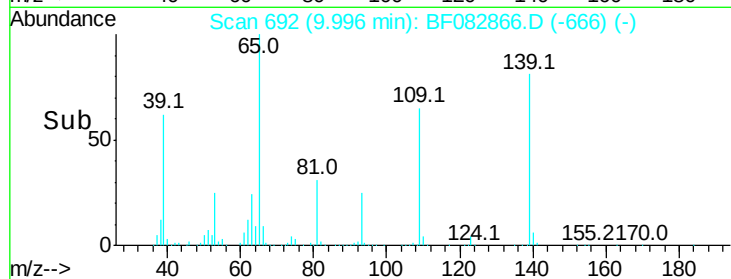
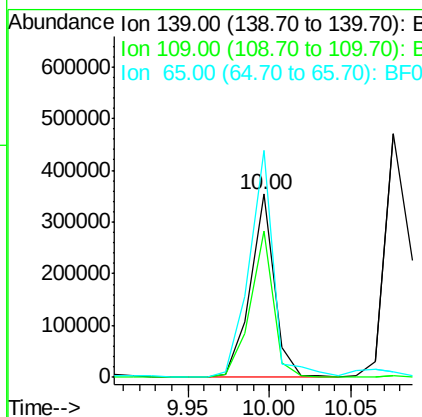
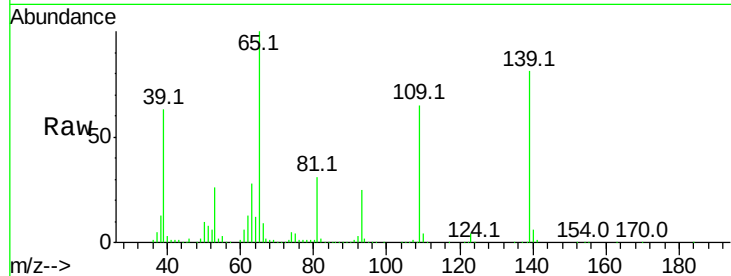




#55
4-Nitrophenol
Concen: 75.84 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

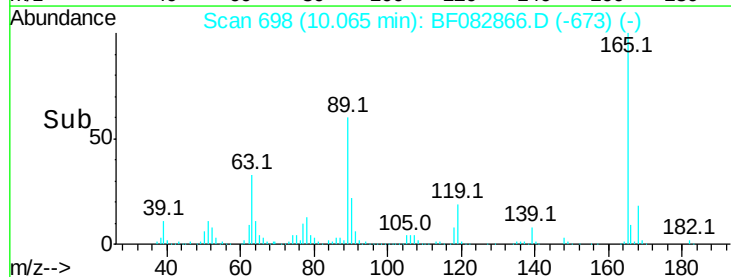
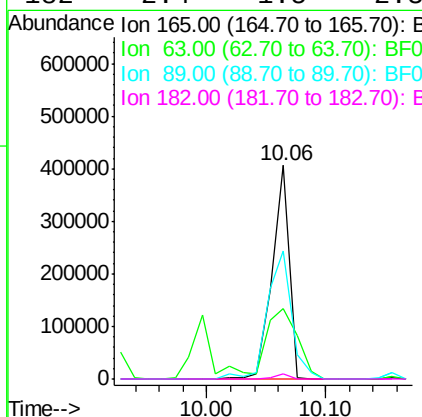
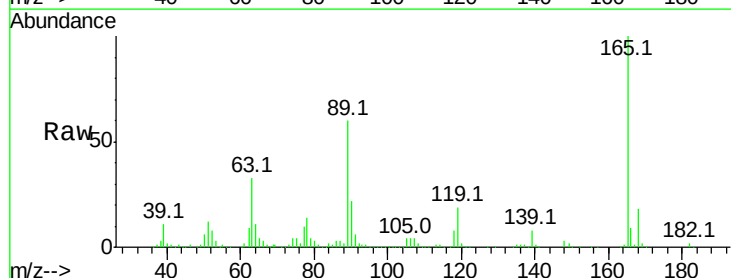
Instrument :
BNA_F
ClientSampleId :
1MSD

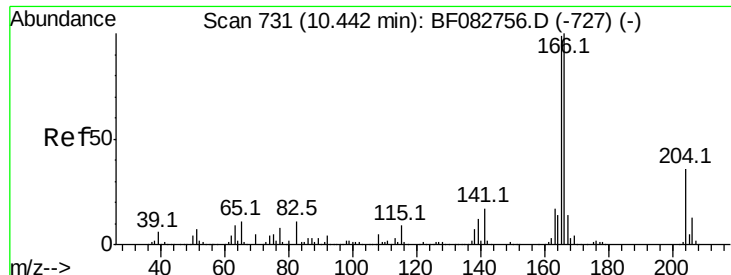
Tot Ion:139 Resp: 365109
Ion Ratio Lower Upper
139 100
109 80.1 73.7 113.7
65 123.9 82.9 122.9#



#56
2,4-Dinitrotoluene
Concen: 52.57 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:165 Resp: 406981
Ion Ratio Lower Upper
165 100
63 32.9 43.4 65.0#
89 60.2 70.6 106.0#
182 2.4 1.5 2.3#

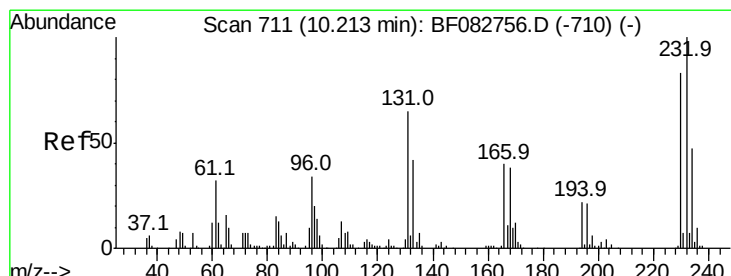
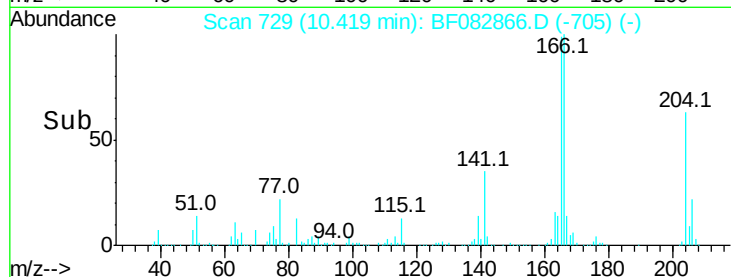
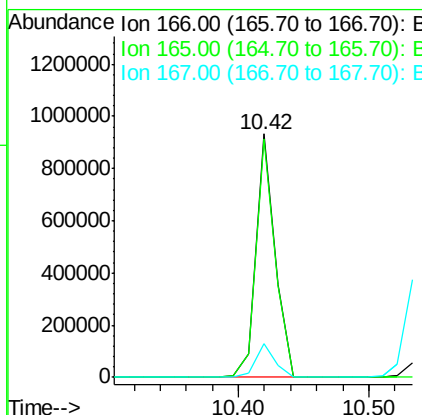
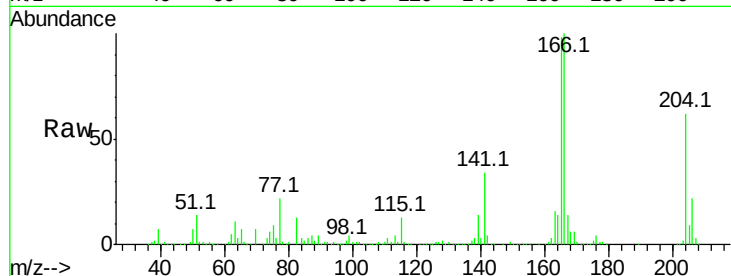




#57
 Fluorene
 Concen: 40.11 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

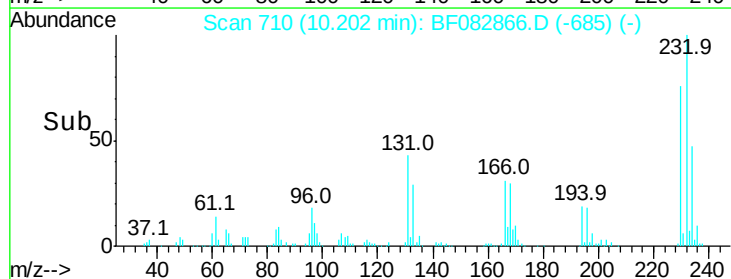
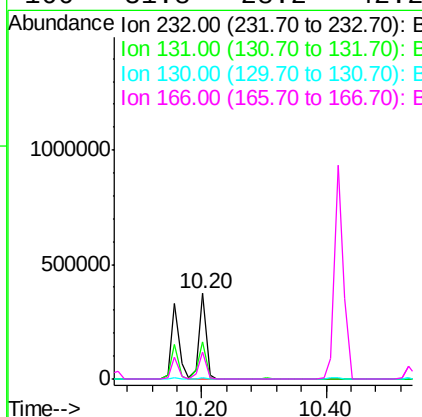
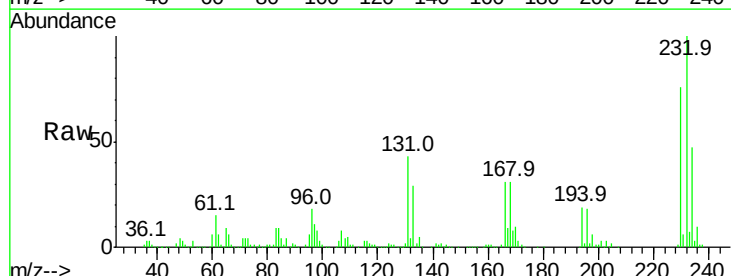
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

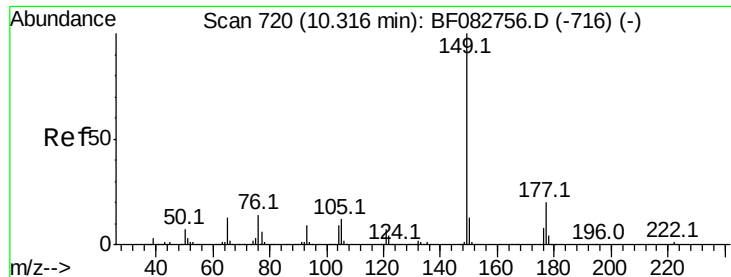
Tot Ion:166 Resp: 950479
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.2 120.4
 167 14.1 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.08 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:232 Resp: 304270
 Ion Ratio Lower Upper
 232 100
 131 46.2 46.2 69.2
 130 2.1 2.4 3.6#
 166 31.8 28.2 42.2

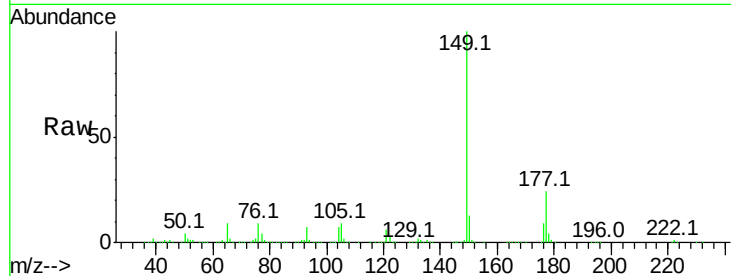




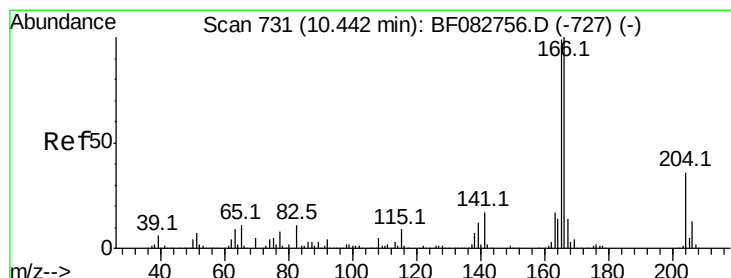
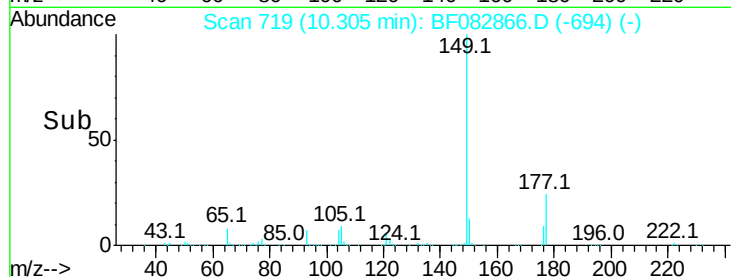
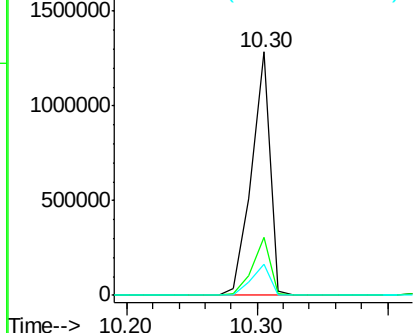
#59
Diethylphthalate
Concen: 48.75 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampleId :
1MSD

Tot Ion:149 Resp: 1272989
Ion Ratio Lower Upper
149 100
177 23.7 17.9 26.9
150 12.9 10.1 15.1

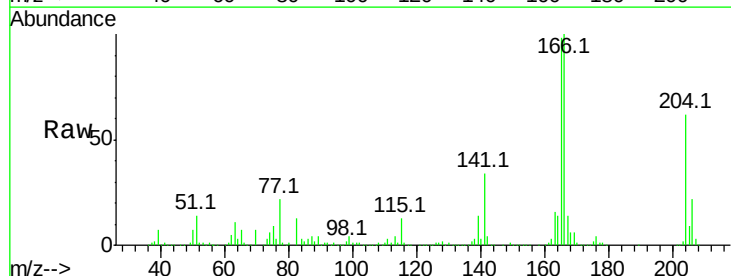


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

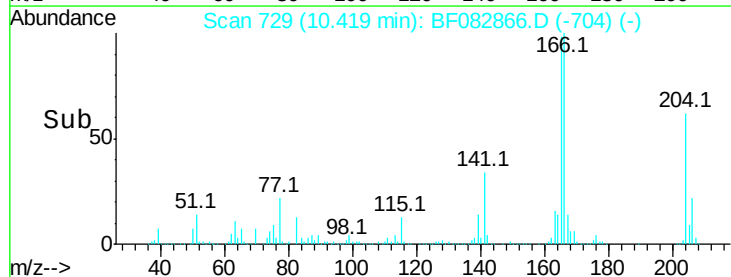
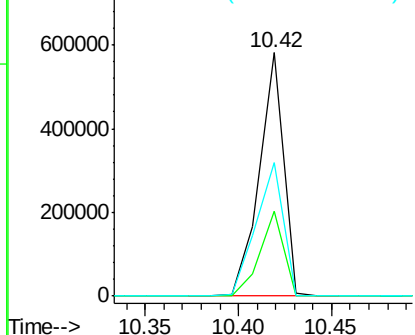


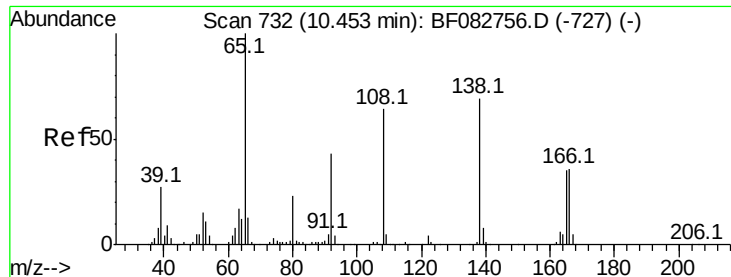
#60
4-Chlorophenyl-phenylether
Concen: 43.97 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:204 Resp: 521228
Ion Ratio Lower Upper
204 100
206 35.0 28.5 42.7
141 55.0 44.6 66.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

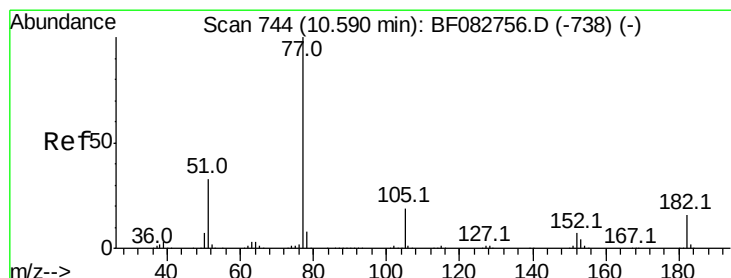
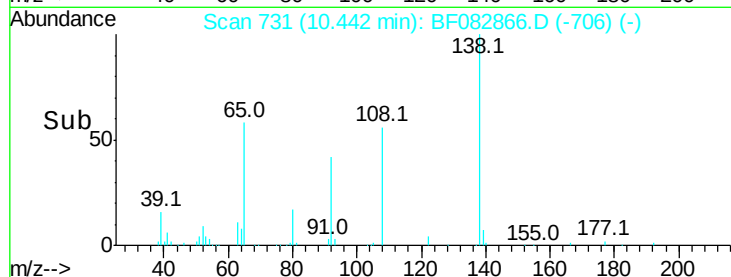
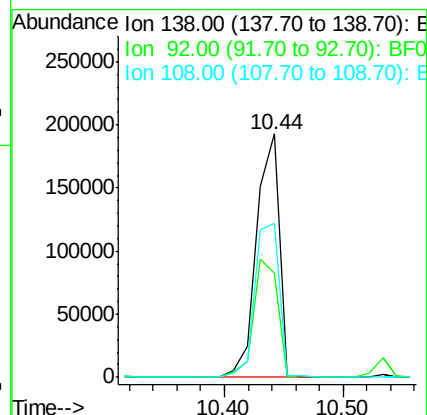
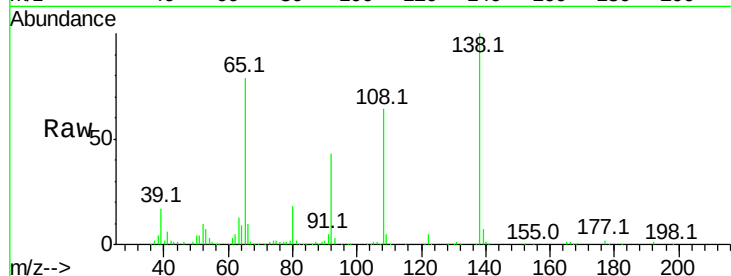




#61
4-Nitroaniline
Concen: 40.97 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

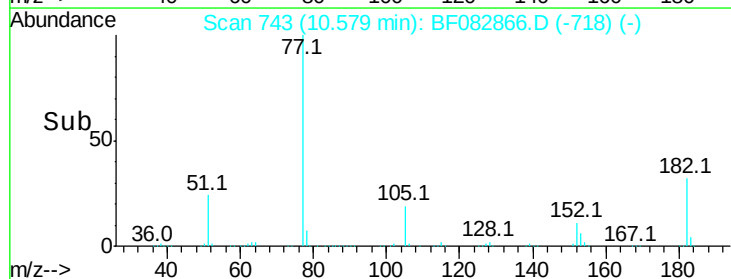
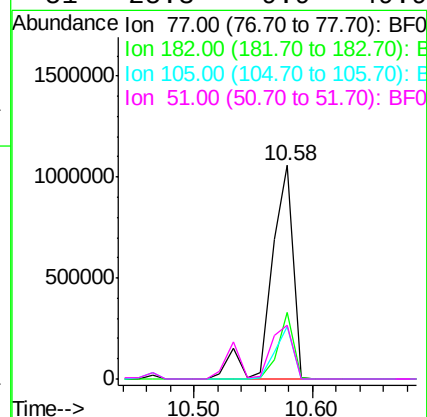
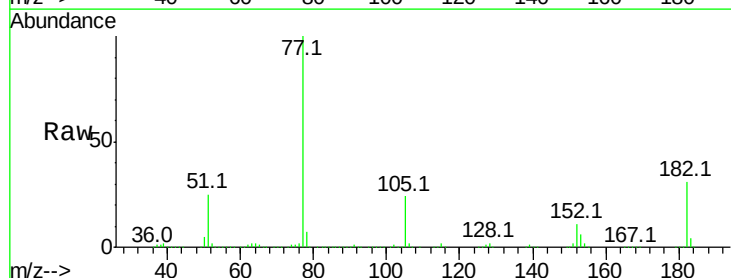
Instrument :
BNA_F
ClientSampleId :
1MSD

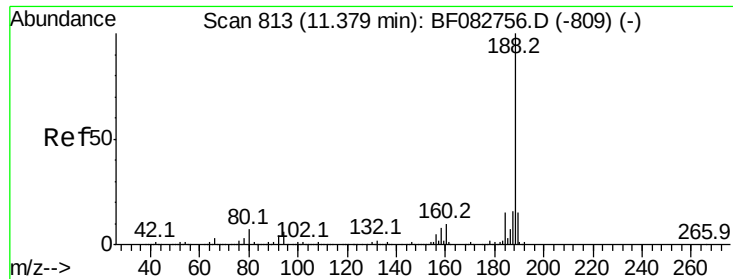
Tot Ion:138 Resp: 258542
Ion Ratio Lower Upper
138 100
92 42.5 45.8 85.8#
108 63.5 89.4 129.4#



#62
Azobenzene
Concen: 48.07 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion: 77 Resp: 1348393
Ion Ratio Lower Upper
77 100
182 31.1 9.3 49.3
105 24.4 2.6 42.6
51 25.3 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

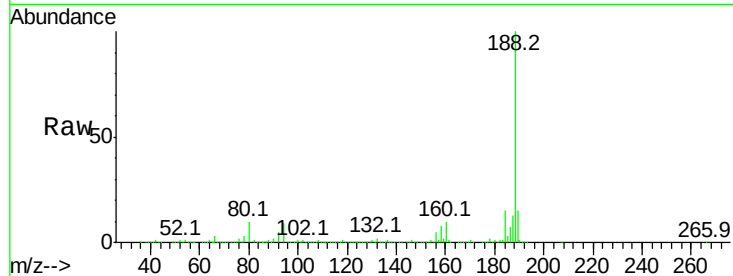
Tot Ion:188 Resp: 557349

Ion Ratio Lower Upper

188 100

94 9.0 6.1 9.1

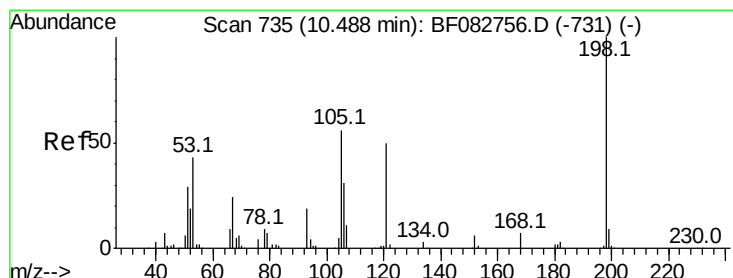
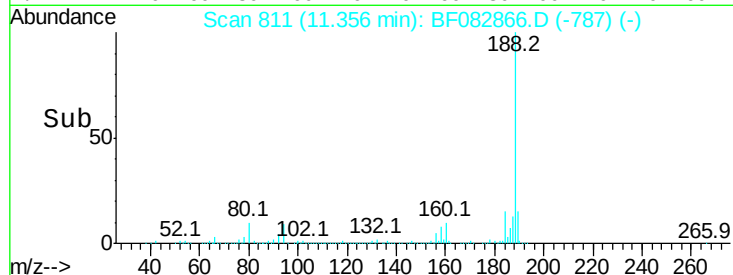
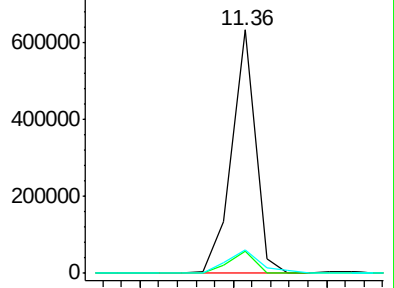
80 9.5 7.0 10.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 13.75 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

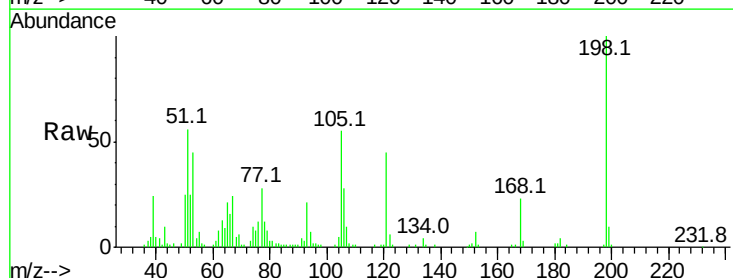
Tgt Ion:198 Resp: 54602

Ion Ratio Lower Upper

198 100

51 56.4 17.3 57.3

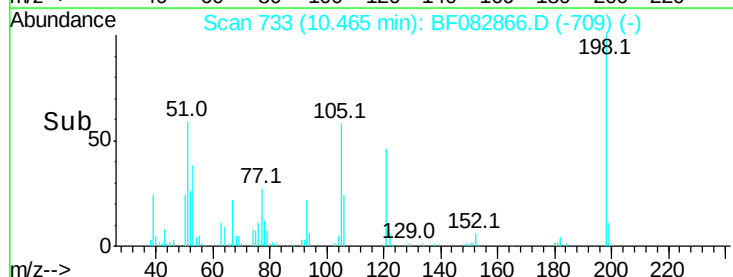
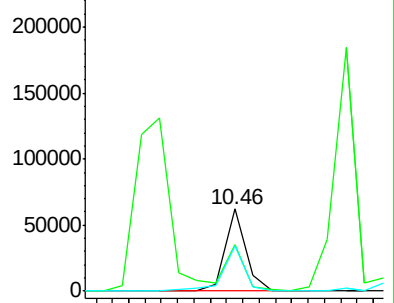
105 54.7 21.7 61.7

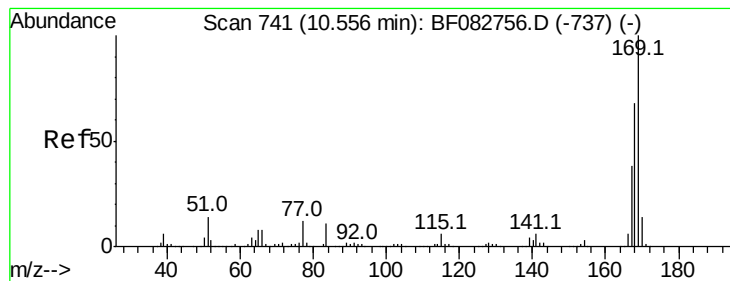


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

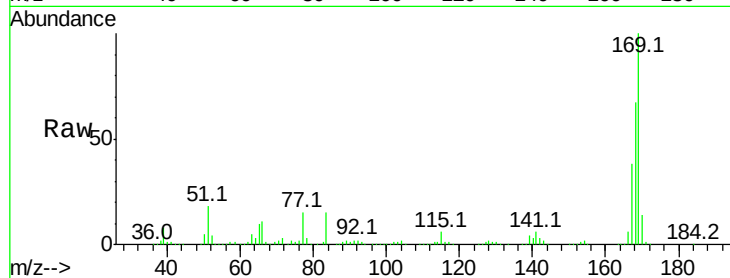




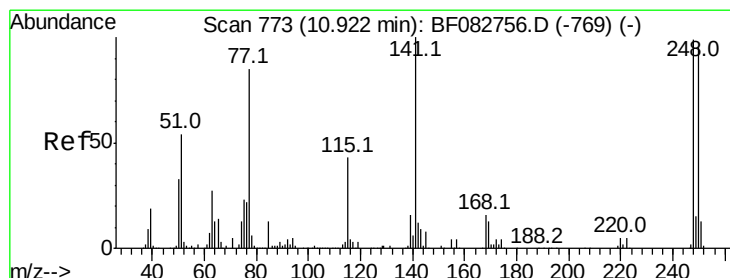
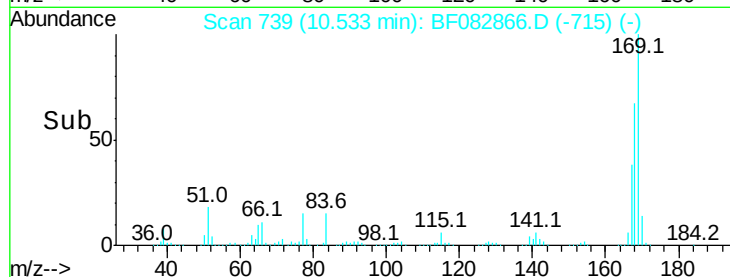
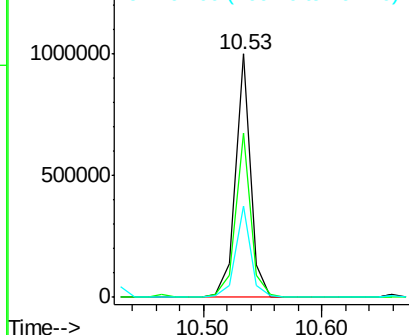
#65
n-Nitrosodiphenylamine
Concen: 44.06 ng
RT: 10.53 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampled :
1MSD

Tot Ion:169 Resp: 887067
Ion Ratio Lower Upper
169 100
168 67.3 55.0 82.6
167 37.6 30.5 45.7

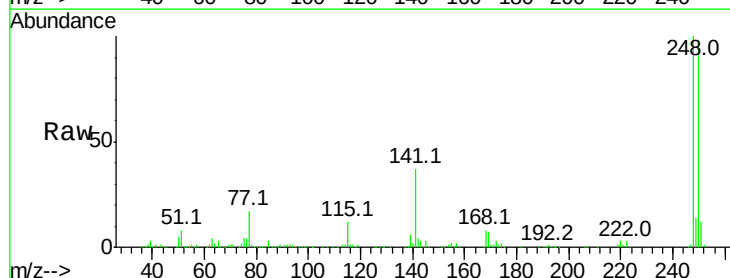


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

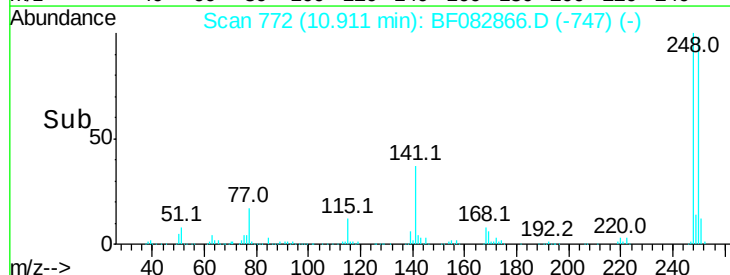
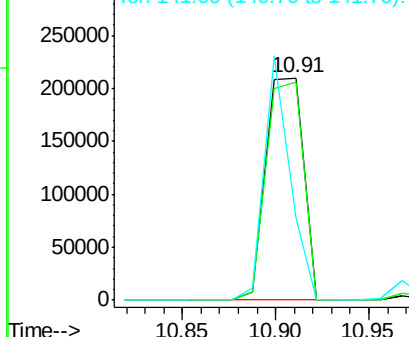


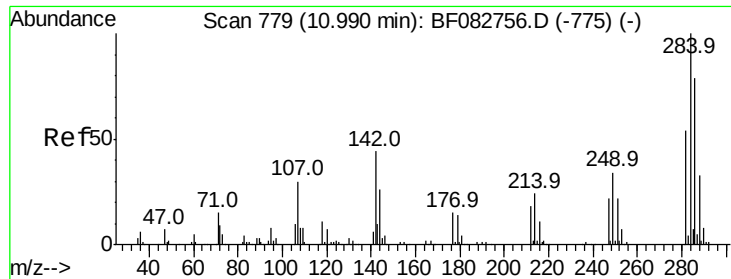
#66
4-Bromophenyl-phenylether
Concen: 43.69 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:248 Resp: 293209
Ion Ratio Lower Upper
248 100
250 97.9 79.4 119.2
141 37.0 36.3 54.5



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

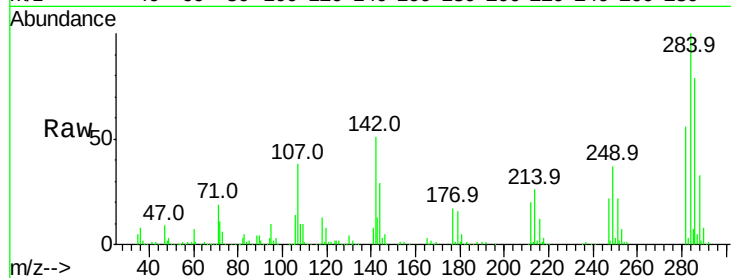




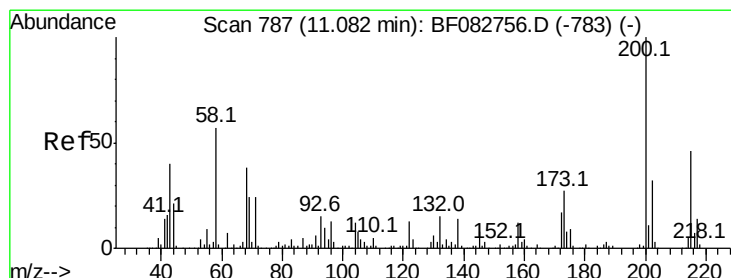
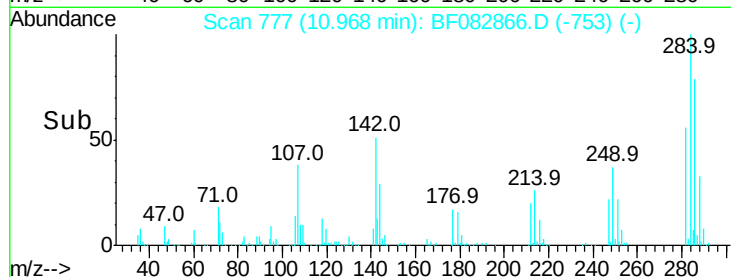
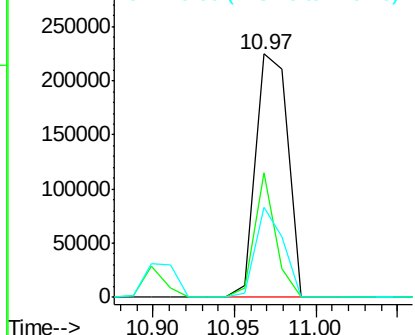
#67
Hexachlorobenzene
Concen: 40.89 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Instrument :
BNA_F
ClientSampleId :
1MSD

Tot Ion:284 Resp: 306394
Ion Ratio Lower Upper
284 100
142 51.3 47.9 71.9
249 36.7 29.7 44.5

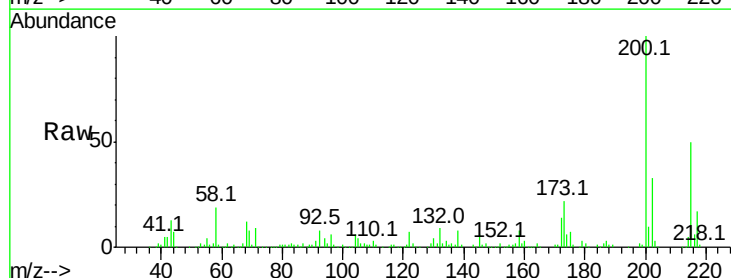


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

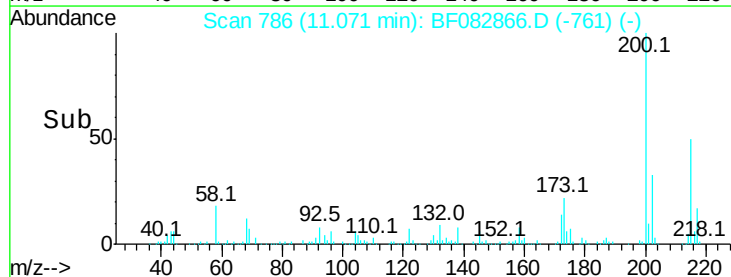
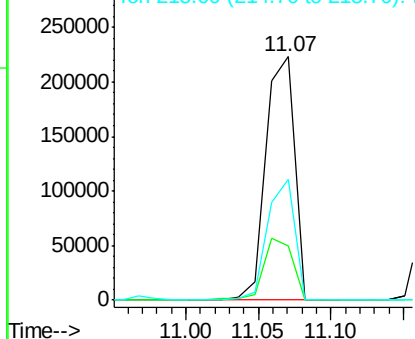


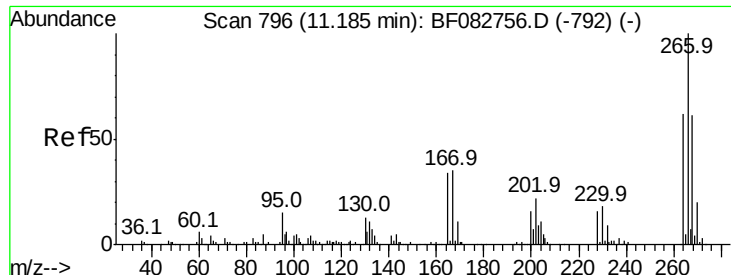
#68
Atrazine
Concen: 49.00 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:200 Resp: 305109
Ion Ratio Lower Upper
200 100
173 22.4 6.9 46.9
215 49.7 22.9 62.9



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

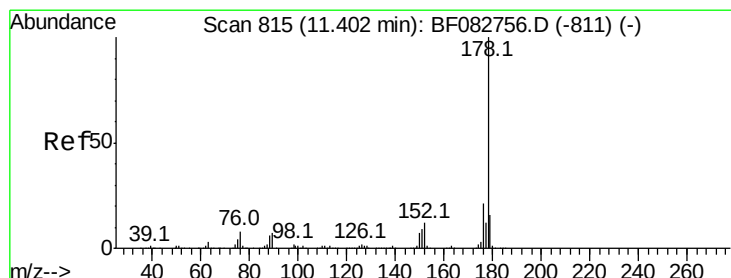
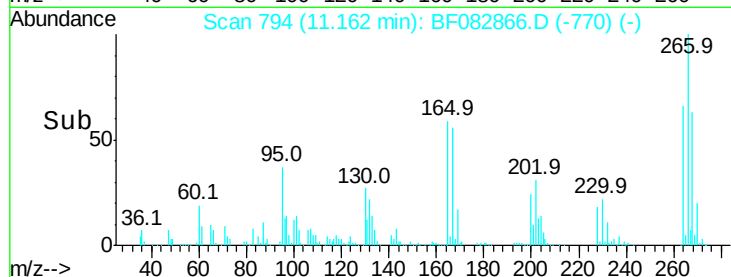
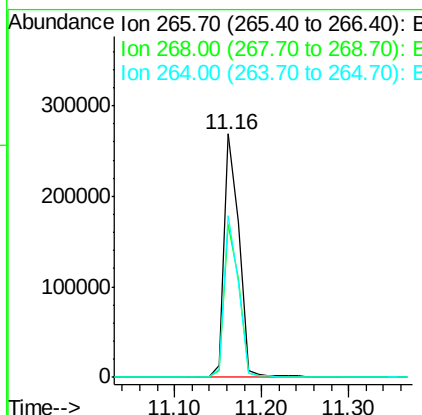
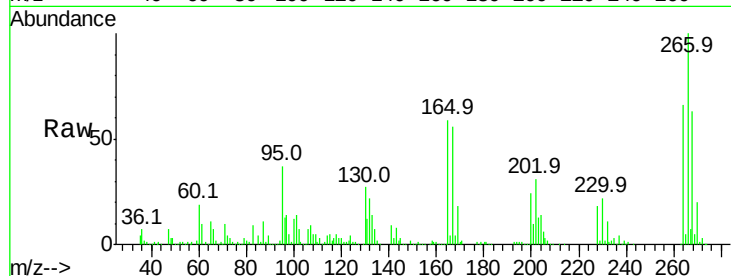




#69
 Pentachlorophenol
 Concen: 71.28 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

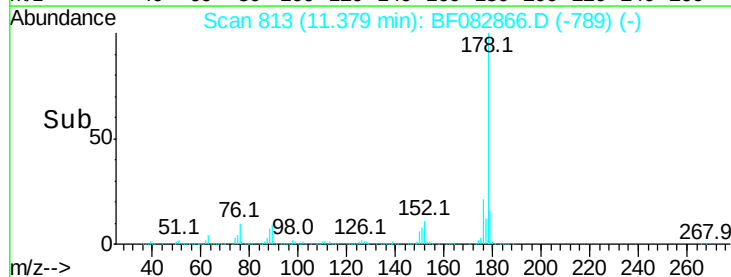
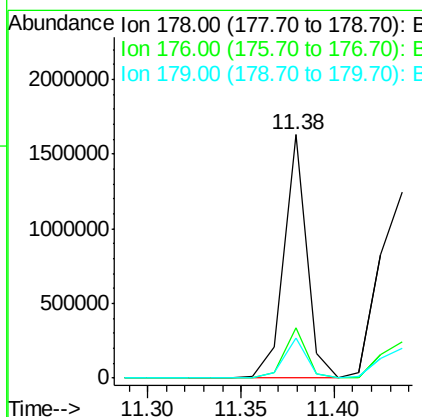
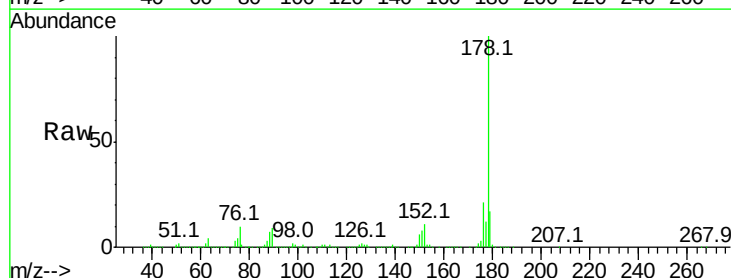
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

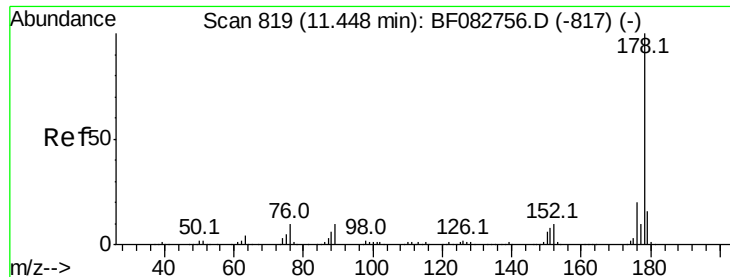
Tot Ion:266 Resp: 324344
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.0 76.6
 264 66.5 50.6 75.8



#70
 Phenanthrene
 Concen: 42.83 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:178 Resp: 1386344
 Ion Ratio Lower Upper
 178 100
 176 20.6 17.0 25.4
 179 16.7 13.4 20.0





#71

Anthracene

Concen: 42.65 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

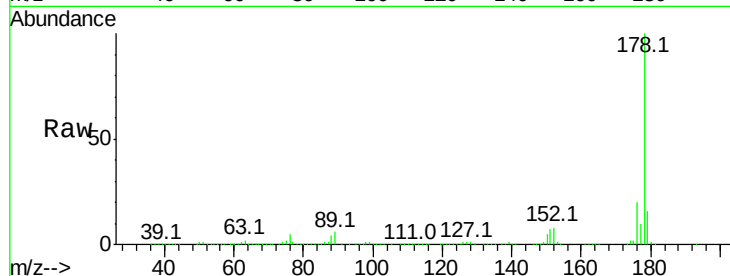
Tot Ion:178 Resp: 1454033

Ion Ratio Lower Upper

178 100

176 19.7 16.5 24.7

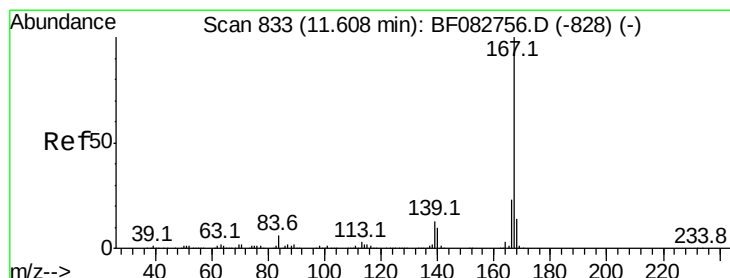
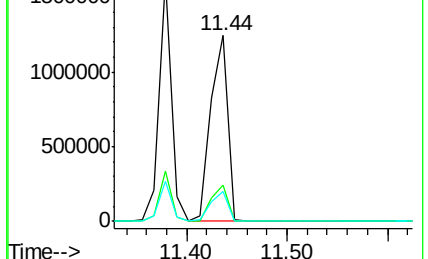
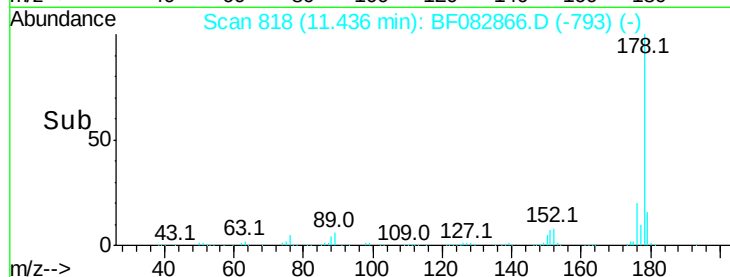
179 16.0 13.2 19.8



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: 42.24 ng

RT: 11.58 min Scan# 831

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

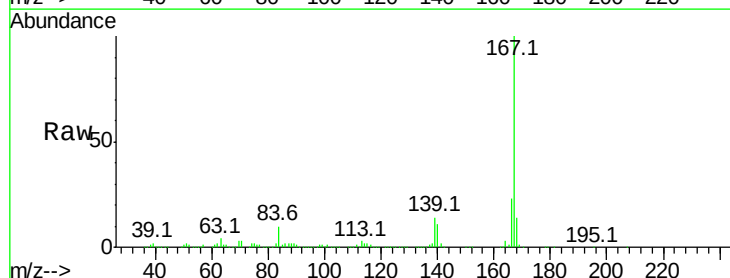
Tgt Ion:167 Resp: 1260531

Ion Ratio Lower Upper

167 100

166 22.8 18.7 28.1

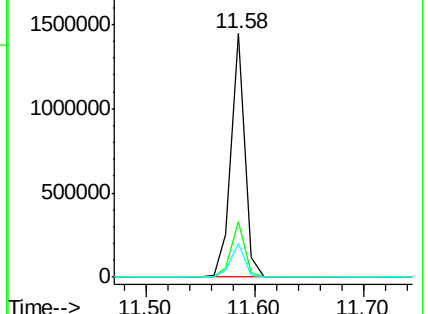
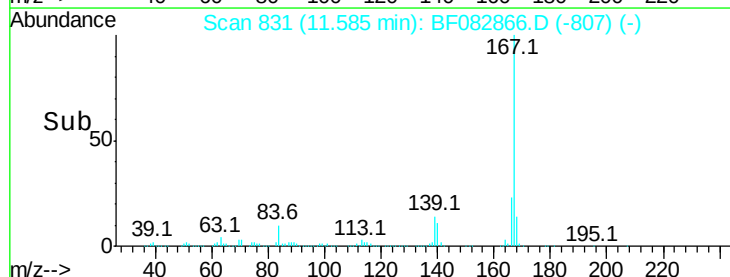
139 13.9 11.8 17.6

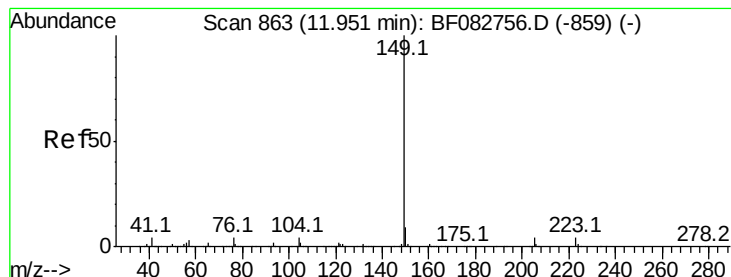


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.09 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

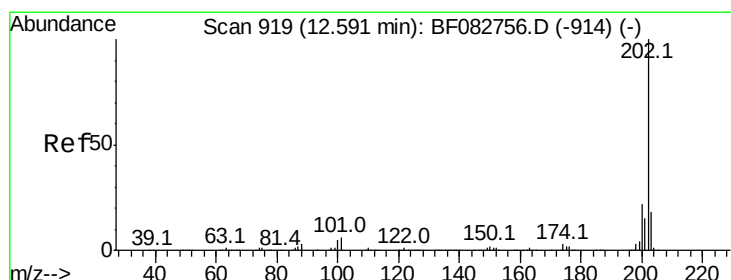
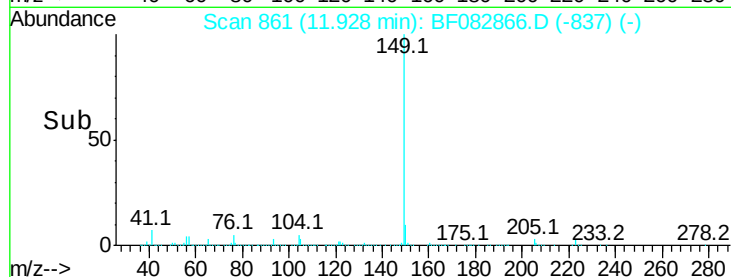
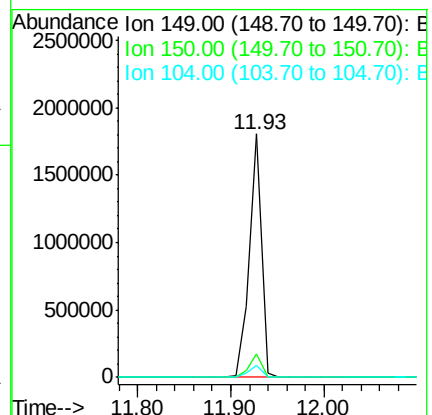
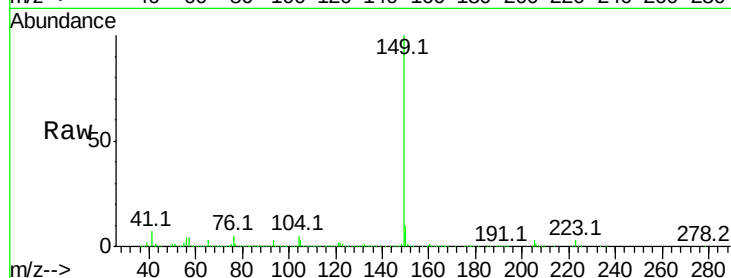
Tot Ion:149 Resp: 1639533

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

104 4.9 5.2 7.8#



#74

Fluoranthene

Concen: 42.27 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

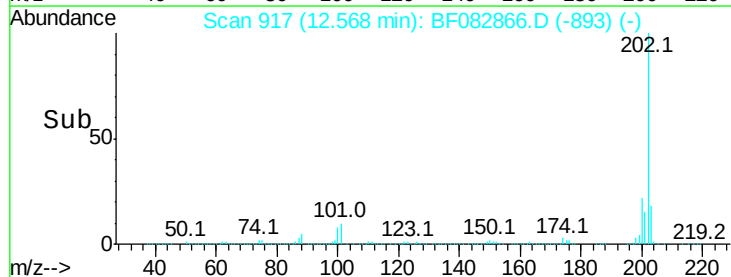
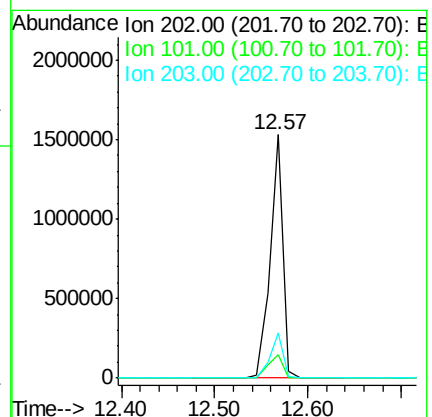
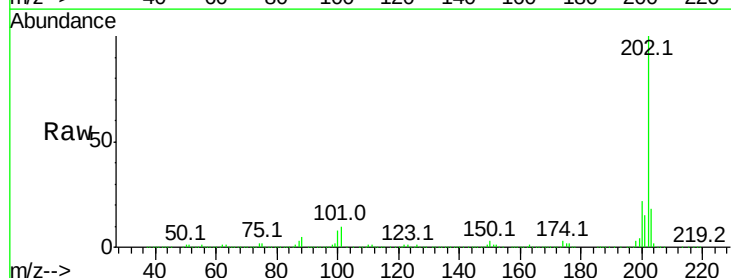
Tgt Ion:202 Resp: 1468190

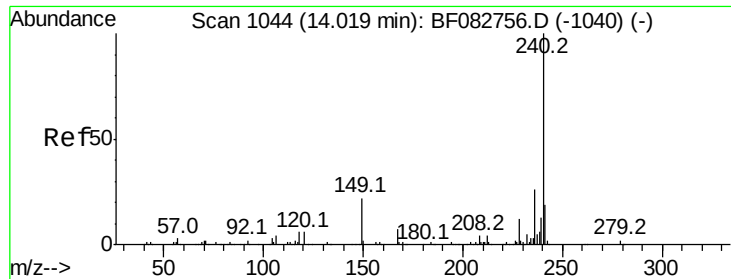
Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.5

203 18.4 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

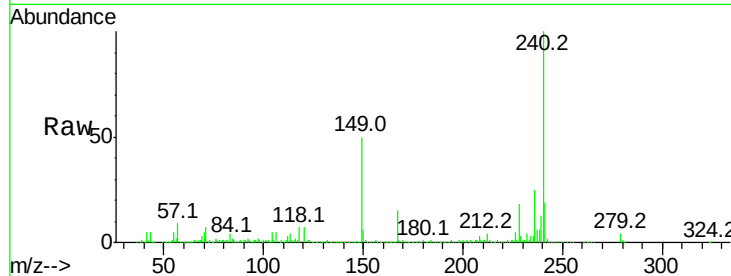
Tot Ion:240 Resp: 434536

Ion Ratio Lower Upper

240 100

120 7.4 10.9 16.3#

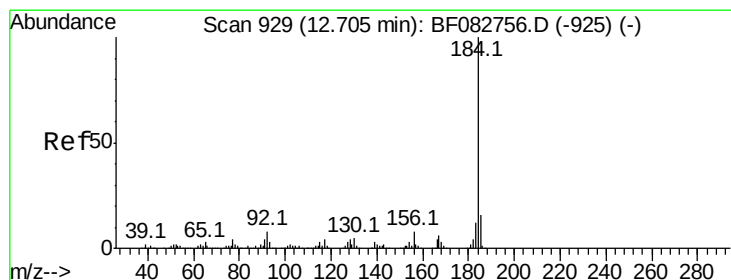
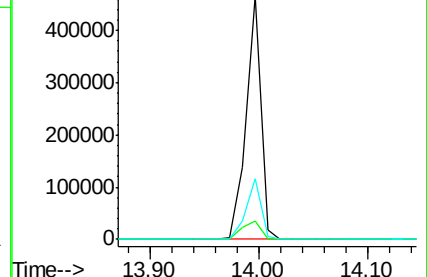
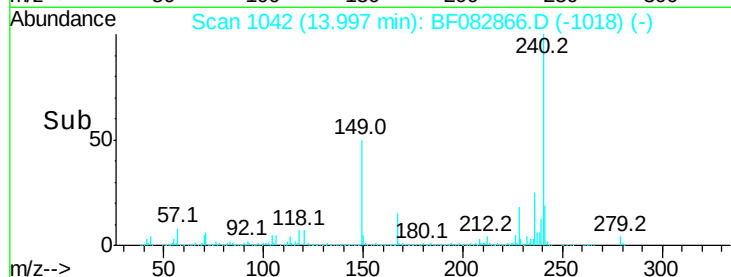
236 25.0 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.72 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

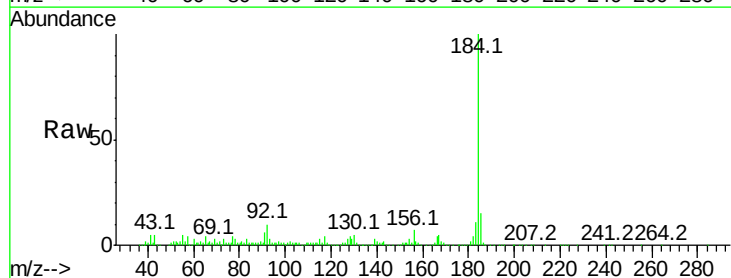
Tgt Ion:184 Resp: 360019

Ion Ratio Lower Upper

184 100

185 15.2 12.0 18.0

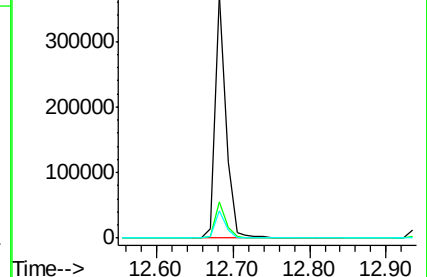
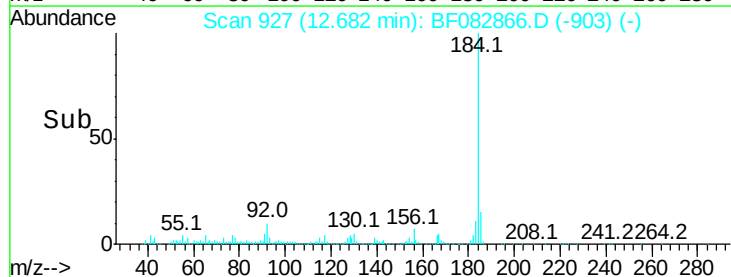
183 11.1 9.6 14.4

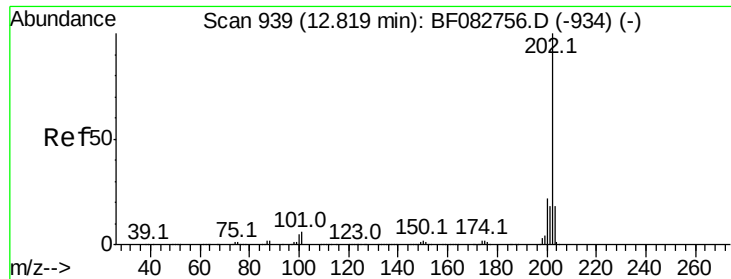


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

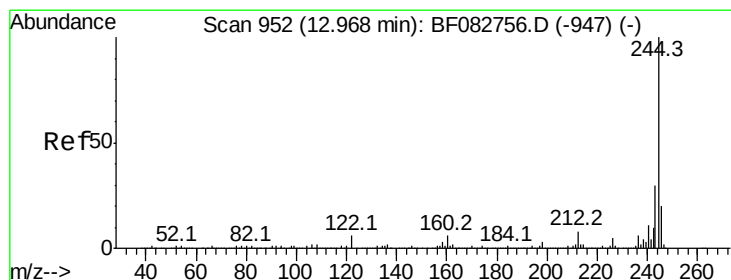
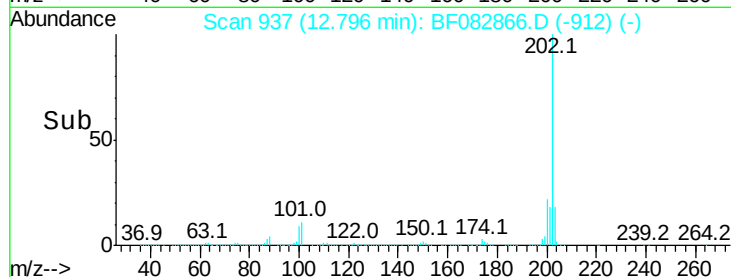
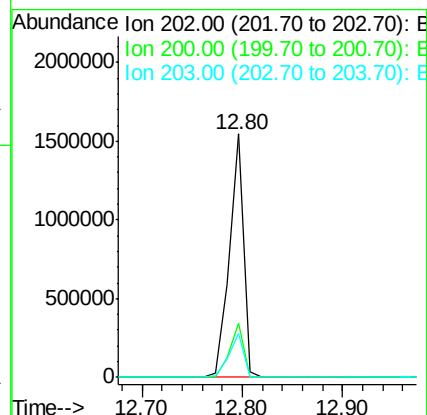
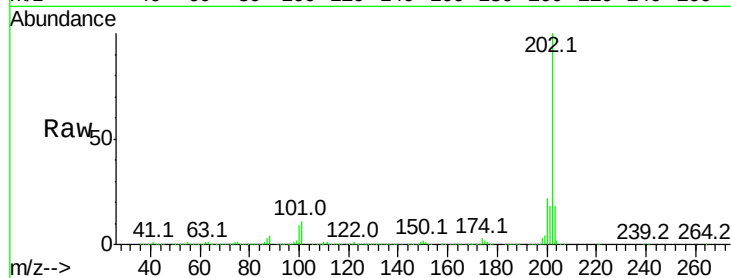




#77
Pvrene
Concen: 50.58 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

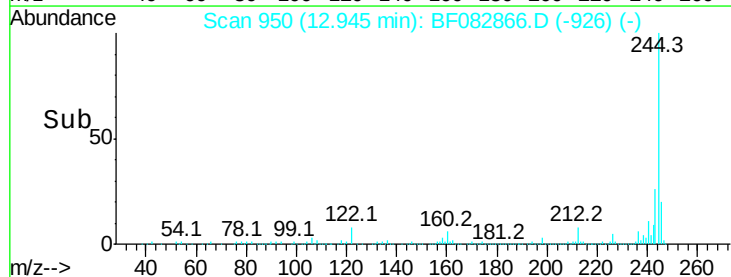
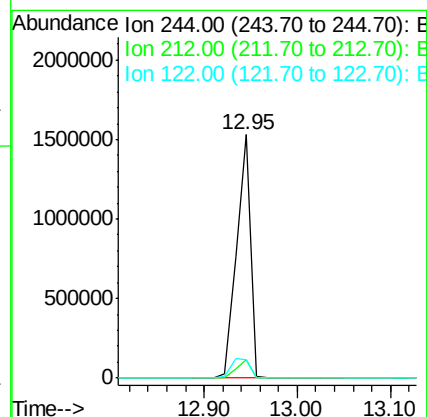
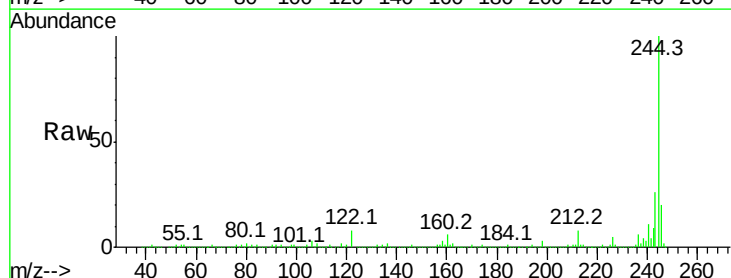
Instrument :
BNA_F
ClientSampleId :
1MSD

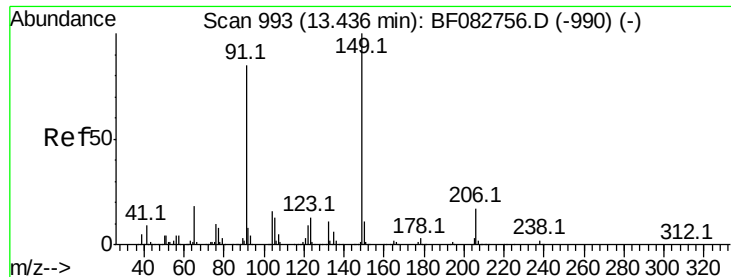
Tot Ion:202 Resp: 1509291
Ion Ratio Lower Upper
202 100
200 22.5 18.7 28.1
203 18.3 14.8 22.2



#78
Terphenyl-d14
Concen: 87.74 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:244 Resp: 1607466
Ion Ratio Lower Upper
244 100
212 7.5 7.6 11.4#
122 7.6 11.3 16.9#





#79

Butylbenzylphthalate

Concen: 48.67 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

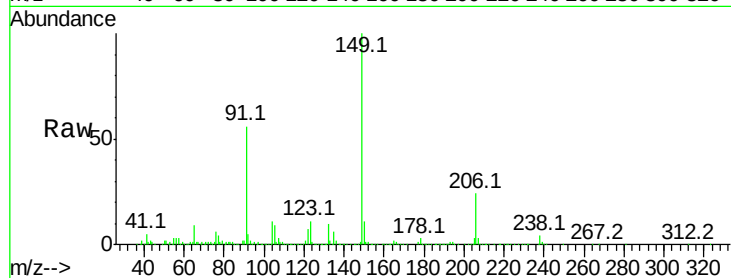
Tot Ion:149 Resp: 641672

Ion Ratio Lower Upper

149 100

91 56.3 67.7 101.5#

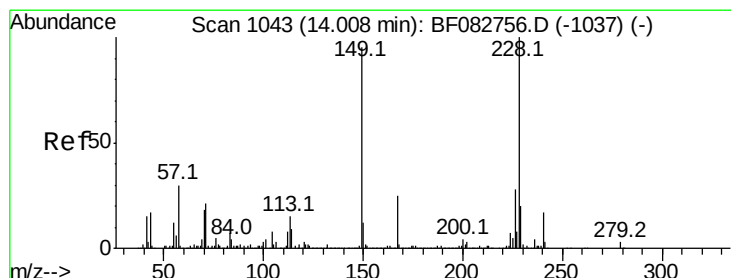
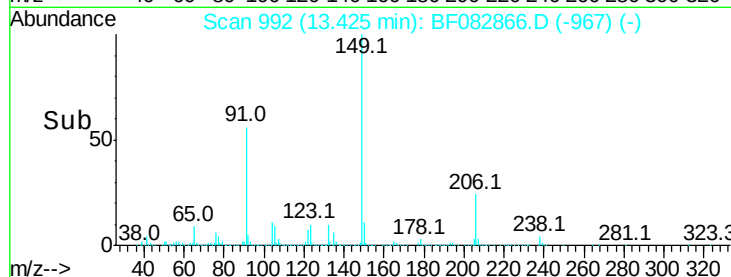
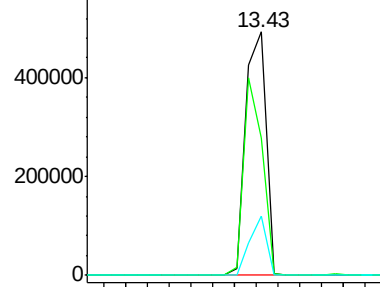
206 24.4 14.6 22.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.61 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

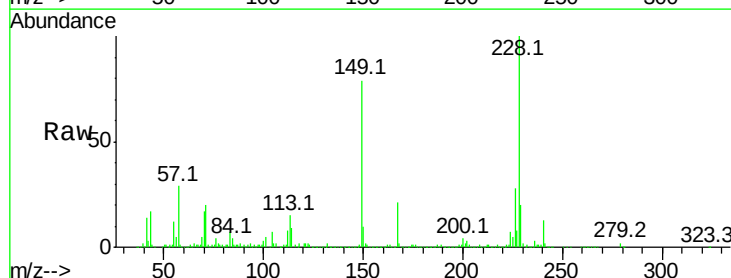
Tgt Ion:228 Resp: 1212097

Ion Ratio Lower Upper

228 100

226 28.3 23.4 35.2

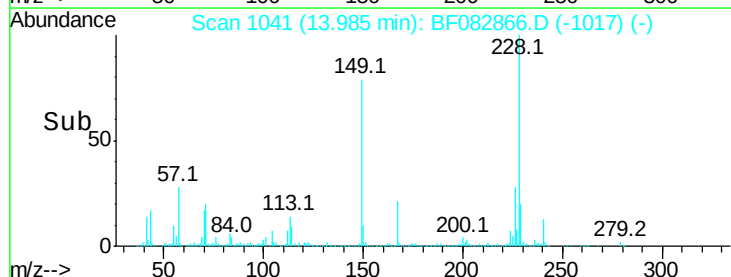
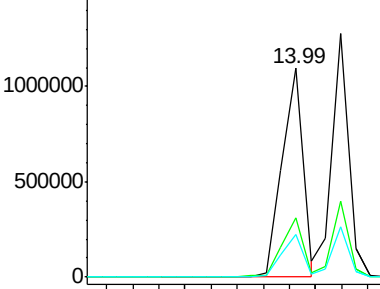
229 20.3 16.3 24.5

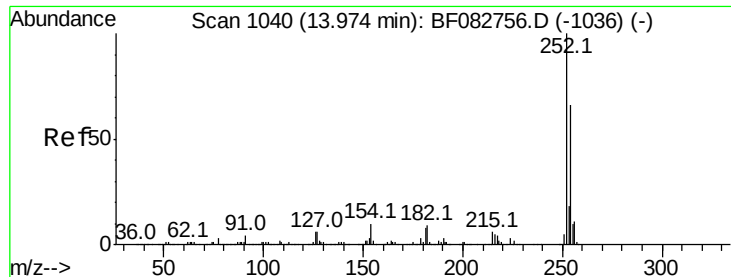


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

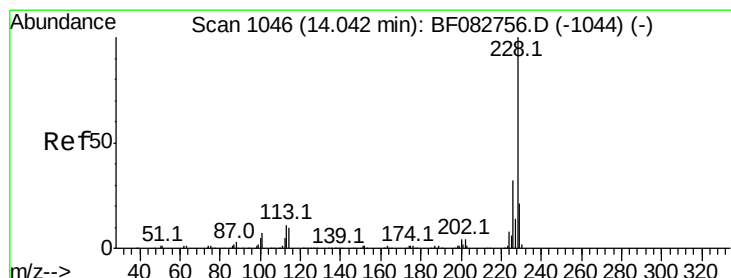
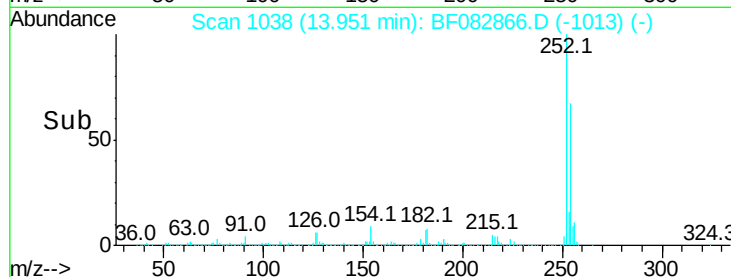
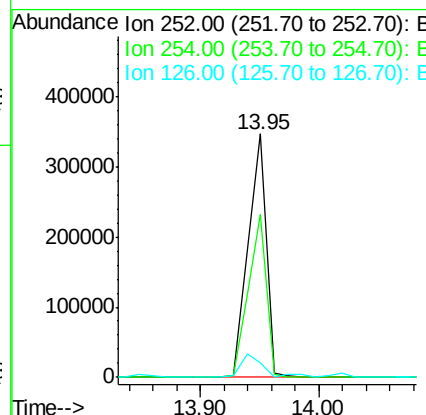
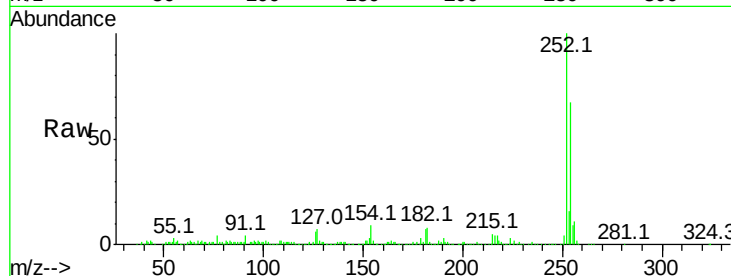




#81
 3,3'-Dichlorobenzidine
 Concen: 38.70 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

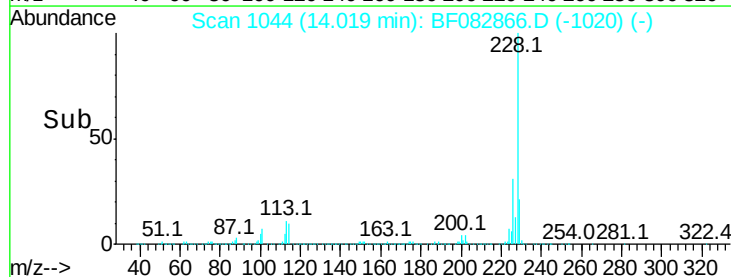
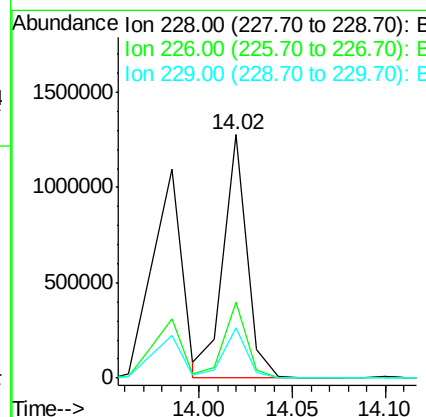
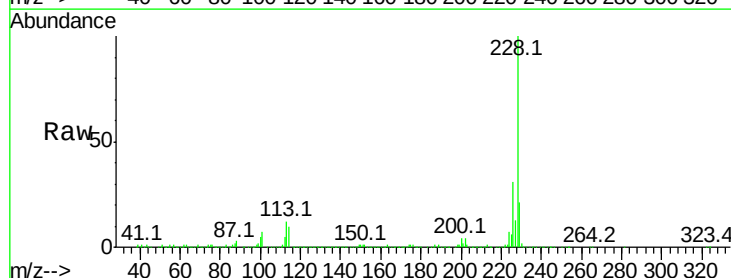
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

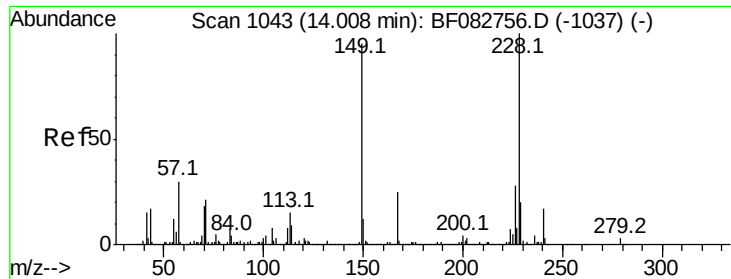
Tot Ion:252 Resp: 373833
 Ion Ratio Lower Upper
 252 100
 254 67.0 51.4 77.0
 126 6.1 10.7 16.1#



#82
 Chrysene
 Concen: 45.01 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion:228 Resp: 1120302
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.5 38.3
 229 20.6 16.3 24.5

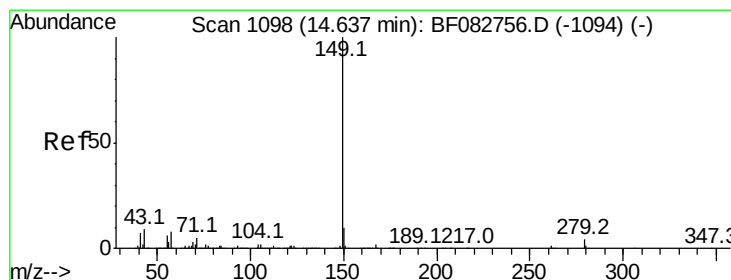
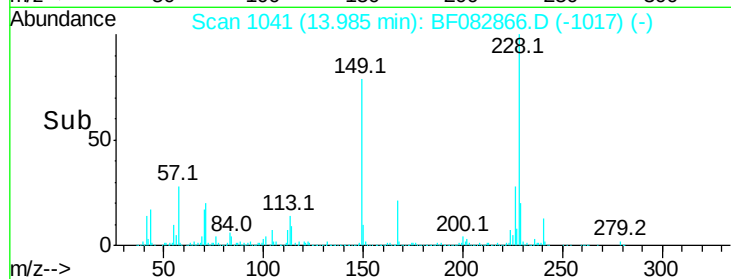
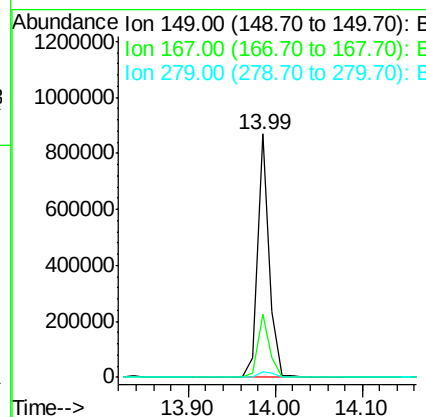
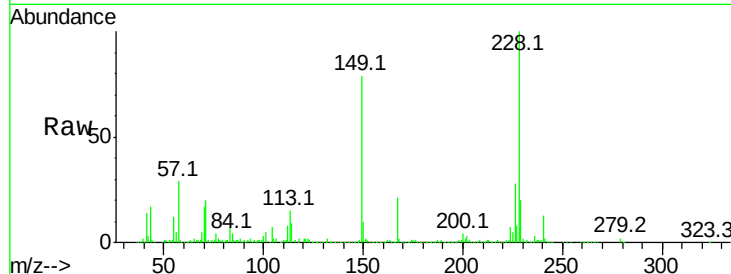




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.06 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

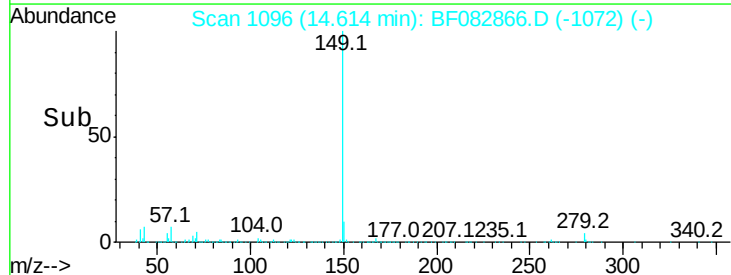
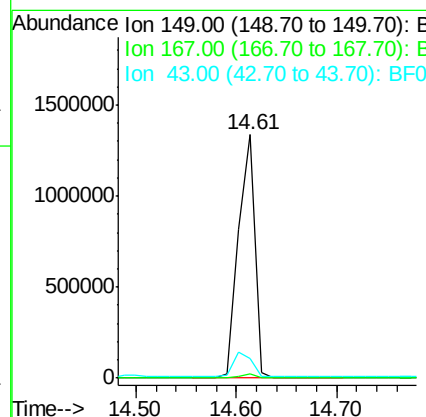
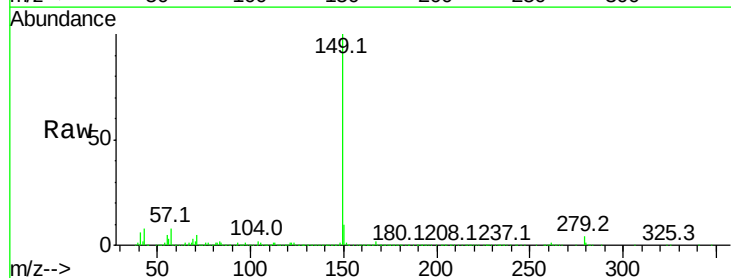
Instrument :
 BNA_F
 ClientSampleId :
 1MSD

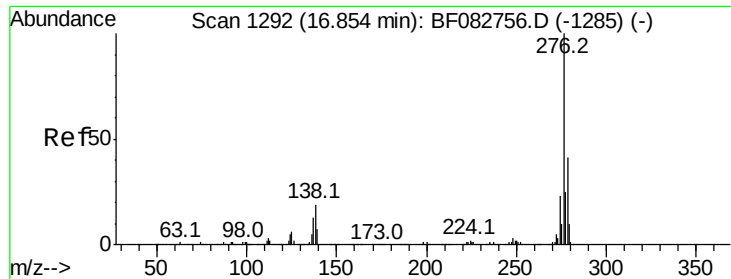
Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.2	31.8
279	2.4	2.2	3.2



#84
 Di-n-octyl phthalate
 Concen: 50.49 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.0	10.1	15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 44.16 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

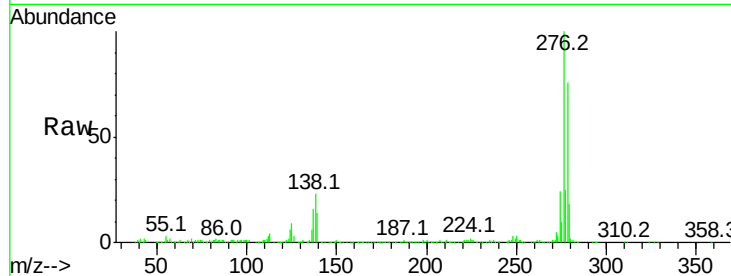
Tot Ion:276 Resp: 946501

Ion Ratio Lower Upper

276 100

138 24.1 15.3 22.9#

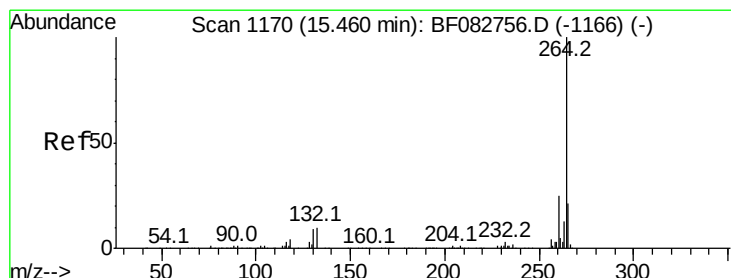
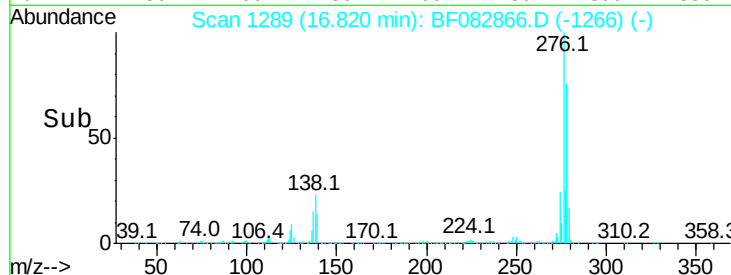
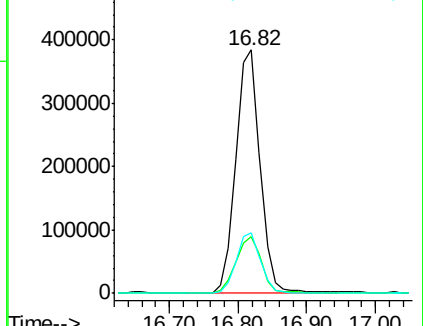
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1167

Delta R.T. -0.03 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

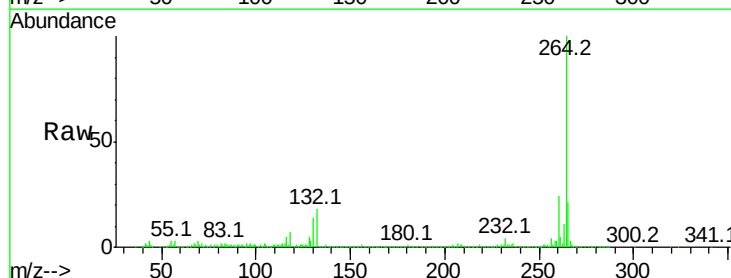
Tgt Ion:264 Resp: 377174

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

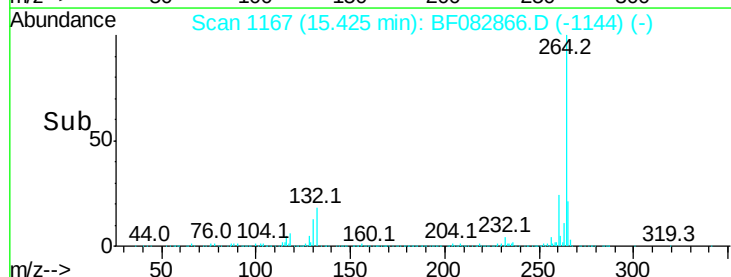
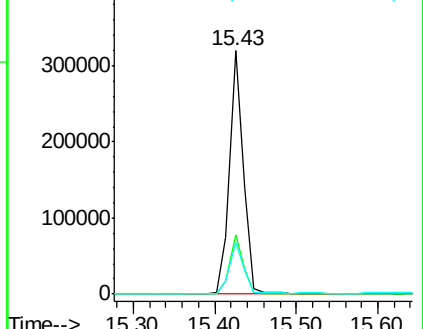
265 21.4 17.4 26.0

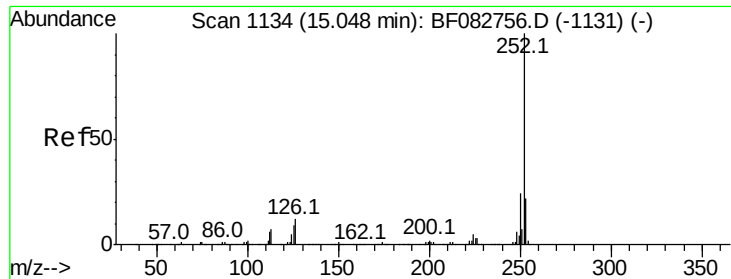


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.40 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.02 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

Instrument :

BNA_F

ClientSampleId :

1MSD

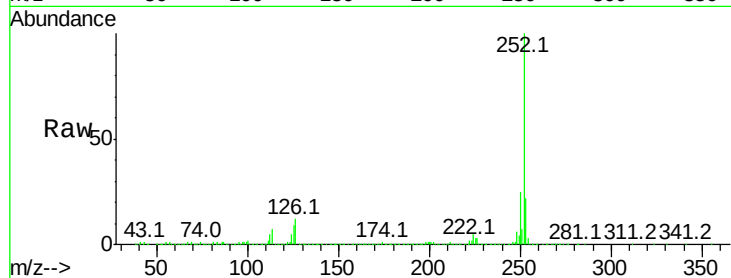
Tot Ion:252 Resp: 1171714

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

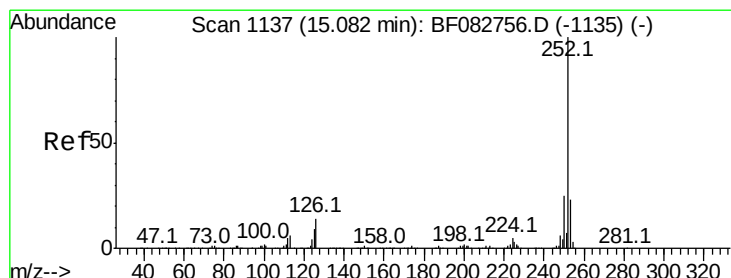
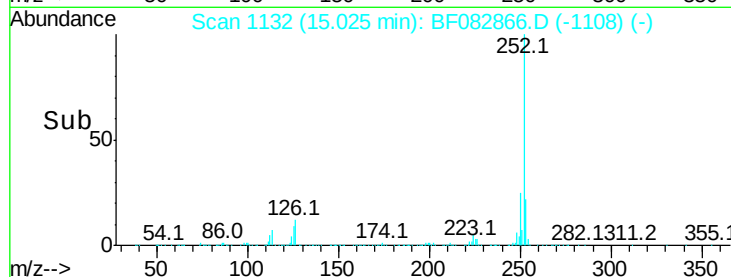
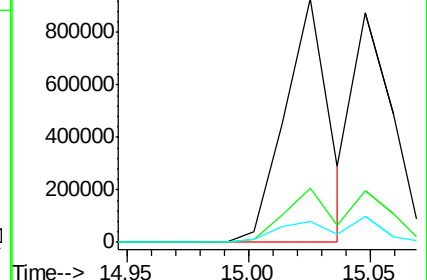
125 8.7 5.4 8.2#



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: 45.09 ng m

RT: 15.05 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF082866.D

Acq: 10 Nov 2015 11:10

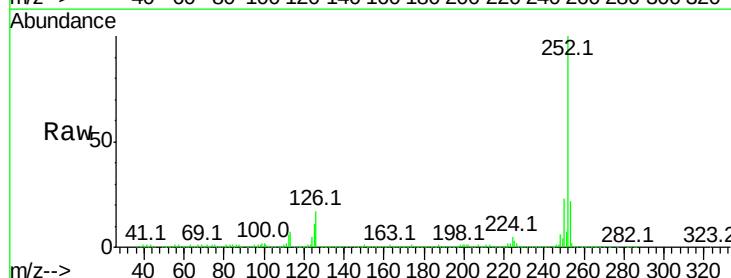
Tgt Ion:252 Resp: 968405

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

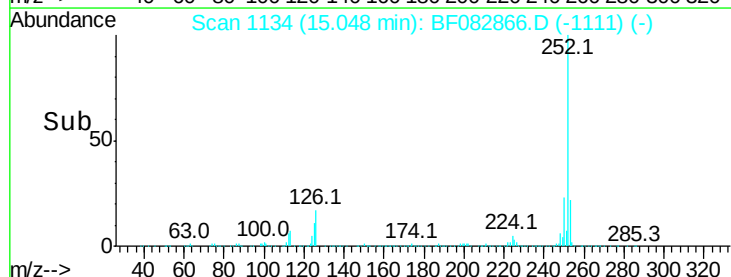
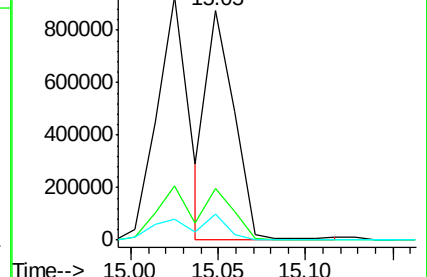
125 11.2 3.5 5.3#

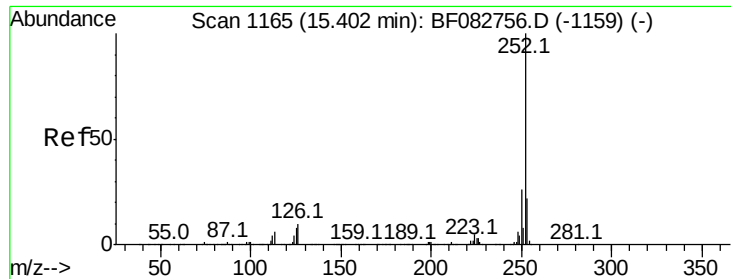


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

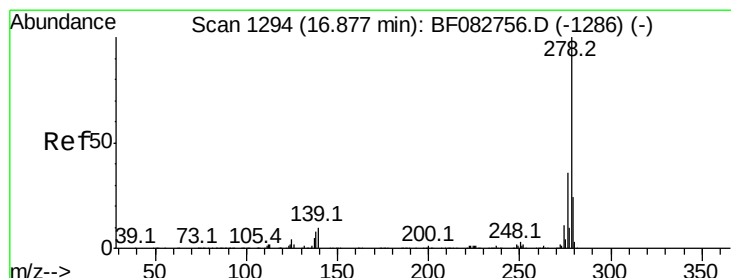
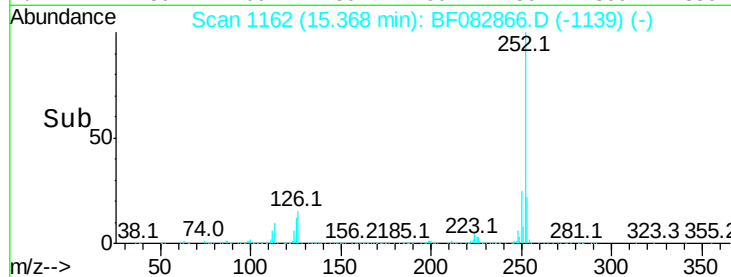
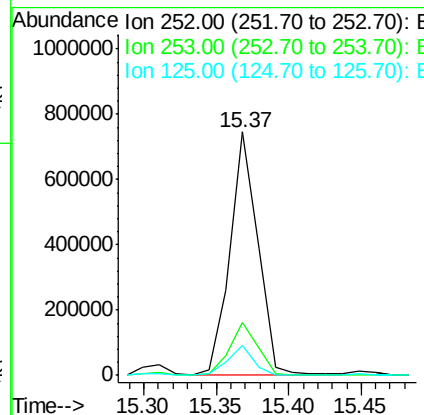
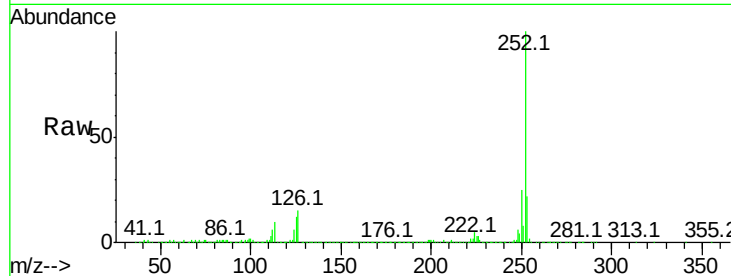




#89
Benzo(a)pyrene
Concen: 47.15 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.03 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

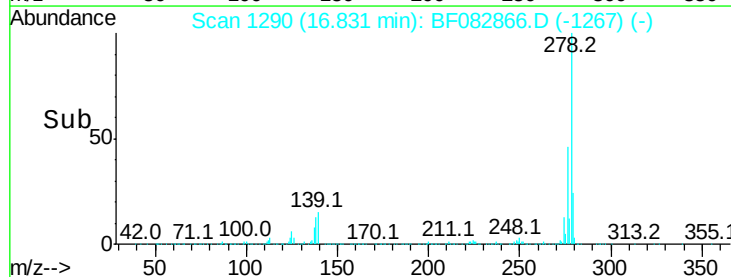
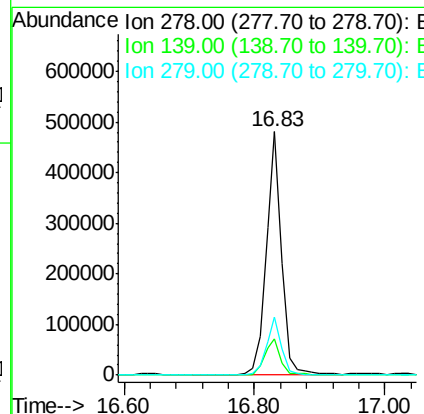
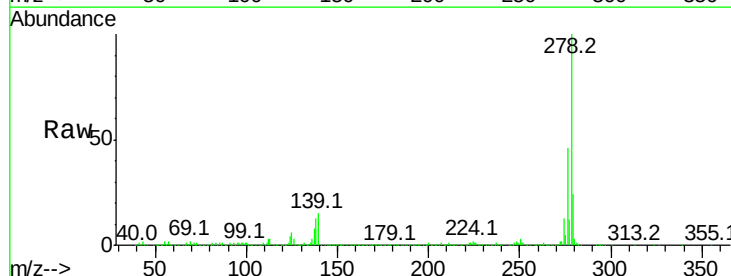
Instrument :
BNA_F
ClientSampleId :
1MSD

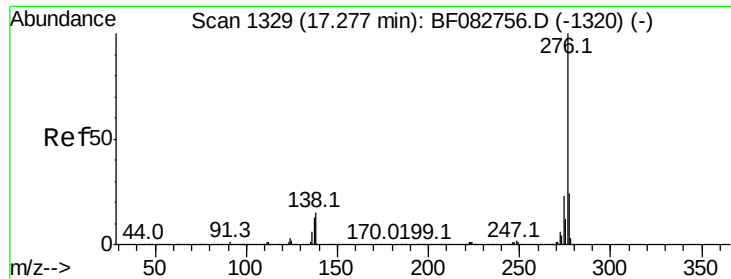
Tot Ion:252 Resp: 989067
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.1 7.1 10.7#



#90
Dibenzo(a,h)anthracene
Concen: 44.89 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF082866.D
Acq: 10 Nov 2015 11:10

Tgt Ion:278 Resp: 797359
Ion Ratio Lower Upper
278 100
139 15.0 9.9 14.9#
279 23.8 19.6 29.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.41 ng
 RT: 17.23 min Scan# 1325
 Delta R.T. -0.03 min
 Lab File: BF082866.D
 Acq: 10 Nov 2015 11:10

Instrument :
 BNA_F
 ClientSampleId :
 1MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	20.2	13.1	19.7

