

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
 Data File : BF083985.D
 Acq On : 20 Dec 2015 7:45
 Operator : UM/SJ
 Sample : G4851-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-9

Quant Time: Dec 21 01:04:38 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	52582	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	97302	20.00	ng	0.01
38) Acenaphthene-d10	9.96	164	63478	20.00	ng	0.05
63) Phenanthrene-d10	11.44	188	93701	20.00	ng	0.05
75) Chrysene-d12	14.02	240	124825	20.00	ng	-0.01
86) Perylene-d12	15.44	264	121540	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	149713	44.56	ng	-0.01
7) Phenol-d6	6.50	99	263543	64.08	ng	-0.01
23) Nitrobenzene-d5	7.45	82	174841	102.55	ng	0.01
41) 2,4,6-Tribromophenol	10.75	330	23658	33.83	ng	0.05
44) 2-Fluorobiphenyl	9.28	172	227299	46.78	ng	0.04
78) Terphenyl-d14	12.98	244	244524	42.68	ng	0.00

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.14	42	4455	3.24	ng	# 1
6) Aniline	6.57	93	14521	2.74	ng	# 1
9) Benzaldehyde	6.40	77	567548	229.04	ng	# 1
10) Phenol	6.52	94	10252	2.23	ng	# 1
11) bis(2-Chloroethyl)ether	6.57	93	14521	4.17	ng	# 1
15) Benzyl Alcohol	6.93	79	226744	72.85	ng	# 11
17) 2-Methylphenol	7.16	107	12790	4.08	ng	# 1
18) Hexachloroethane	7.46	117	2125528	1319.28	ng	# 43
19) n-Nitroso-di-n-propylamine	7.24	70	429693	179.22	ng	# 53
20) 3+4-Methylphenols	7.21	107	15758	4.28	ng	# 1
22) Acetophenone	7.42	105	283160	120.88	ng	# 7
24) Nitrobenzene	7.42	77	553560	313.96	ng	# 40
25) Isophorone	7.76	82	287490	89.62	ng	# 1
26) 2-Nitrophenol	7.76	139	10337	11.33	ng	# 1
27) 2,4-Dimethylphenol	7.82	122	35574	22.63	ng	# 1
28) bis(2-Chloroethoxy)methane	7.98	93	45662	24.06	ng	# 1
29) 2,4-Dichlorophenol	8.13	162	280628	196.75	ng	# 46
30) 1,2,4-Trichlorobenzene	8.11	180	12487	8.15	ng	# 86
31) Naphthalene	8.22	128	1039688	220.68	ng	# 46
32) Benzoic acid	8.03	122	16025	31.89	ng	# 1
33) 4-Chloroaniline	8.22	127	334576	151.47	ng	# 24
35) Caprolactam	8.66	113	205250	435.55	ng	# 1
36) 4-Chloro-3-methylphenol	8.76	107	17597	9.54	ng	# 44
37) 2-Methylnaphthalene	8.94	142	1288927	381.13	ng	# 93
42) 2,4,6-Trichlorophenol	9.21	196	4378	3.31	ng	# 19
43) 2,4,5-Trichlorophenol	9.21	196	4378	3.35	ng	# 1
45) 1,1'-Biphenyl	9.37	154	231504	43.40	ng	# 93
47) 2-Nitroaniline	9.45	65	83273	66.33	ng	# 45
48) Acenaphthylene	9.84	152	23959	3.24	ng	# 1
49) Dimethylphthalate	9.65	163	52120	9.79	ng	# 40
50) 2,6-Dinitrotoluene	9.80	165	37404	32.19	ng	# 85
51) Acenaphthene	10.01	154	35339	7.77	ng	# 1
52) 3-Nitroaniline	9.86	138	16939	13.83	ng	# 30
53) 2,4-Dinitrophenol	9.96	184	8210	27.44	ng	# 1

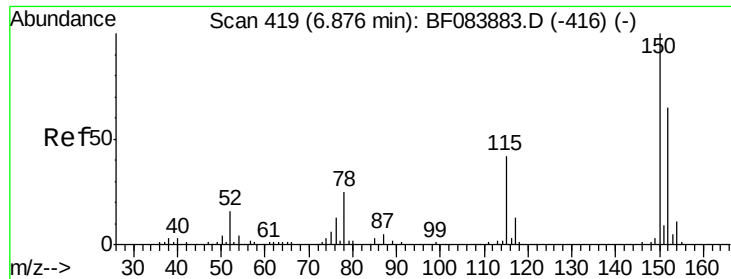
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122015\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) Dibenzofuran	10.18	168	50540	8.55	ng	# 1
55) 4-Nitrophenol	10.09	139	38017	49.72	ng	# 1
56) 2,4-Dinitrotoluene	10.19	165	35355	23.74	ng	# 64
57) Fluorene	10.51	166	196943	43.73	ng	# 28
58) 2,3,4,6-Tetrachlorophenol	10.29	232	9435	9.75	ng	# 1
59) Diethylphthalate	10.44	149	14428	2.62	ng	# 42
60) 4-Chlorophenyl-phenylether	10.45	204	9125	4.03	ng	# 1
61) 4-Nitroaniline	10.58	138	13194	10.41	ng	# 42
62) Azobenzene	10.66	77	91490	19.82	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	2672	8.19	ng	# 1
65) n-Nitrosodiphenylamine	10.64	169	329936	96.77	ng	# 64
66) 4-Bromophenyl-phenylether	11.01	248	7426	6.48	ng	# 1
68) Atrazine	11.15	200	78174	72.37	ng	# 74
69) Pentachlorophenol	11.26	266	2543	9.39	ng	# 38
70) Phenanthrene	11.47	178	194334	34.33	ng	# 65
71) Anthracene	11.56	178	52373	9.57	ng	# 1
74) Fluoranthene	12.85	202	111043	19.66	ng	# 88
77) Pyrene	12.85	202	111043	13.13	ng	# 92
79) Butylbenzylphthalate	13.48	149	8927	2.15	ng	# 1

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

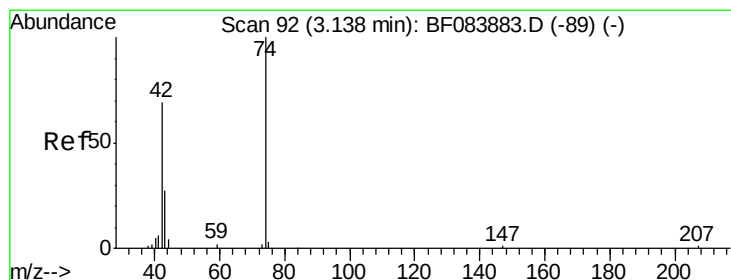
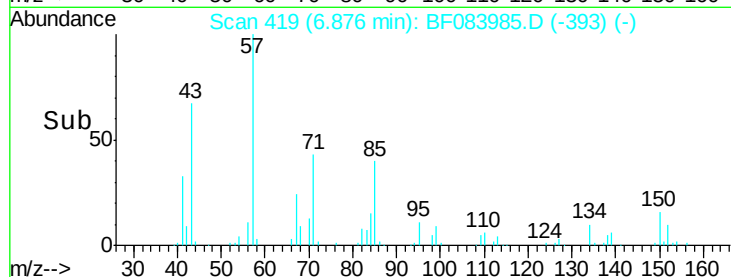
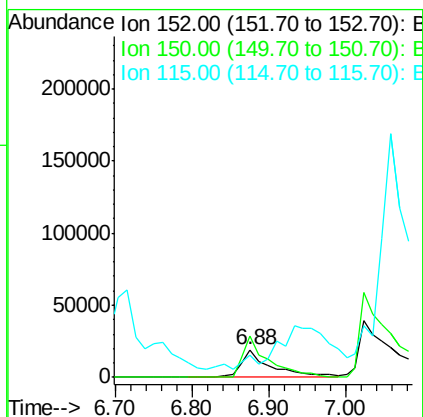
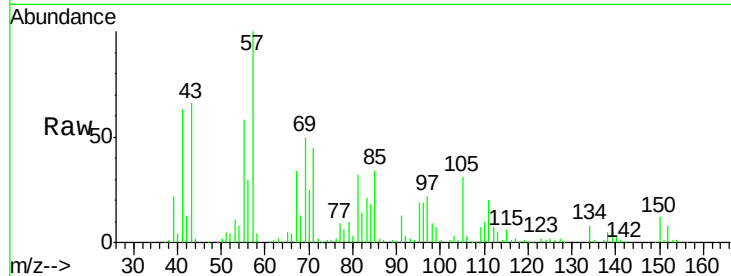


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Instrument :
BNA_F
ClientSampleId :
UST-9

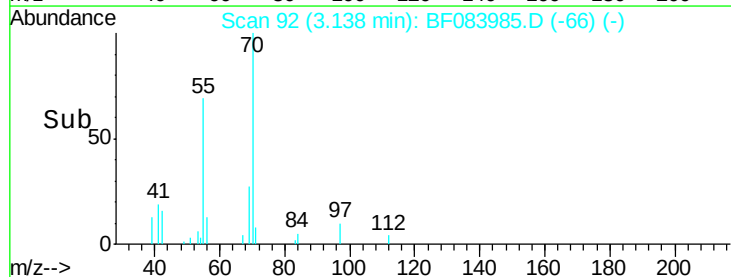
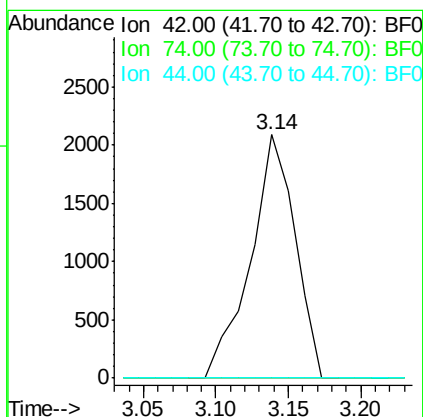
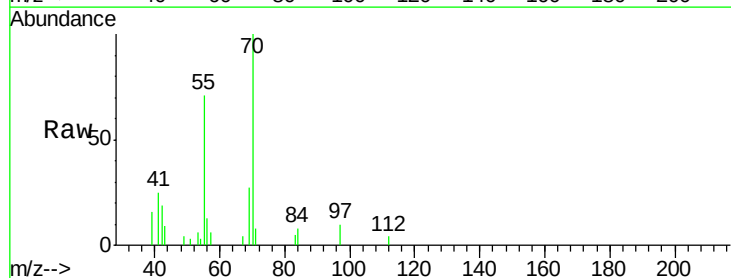
Tgt Ion:152 Resp: 52582
Ion Ratio Lower Upper
152 100
150 150.9 123.0 184.4
115 78.6 51.4 77.2#

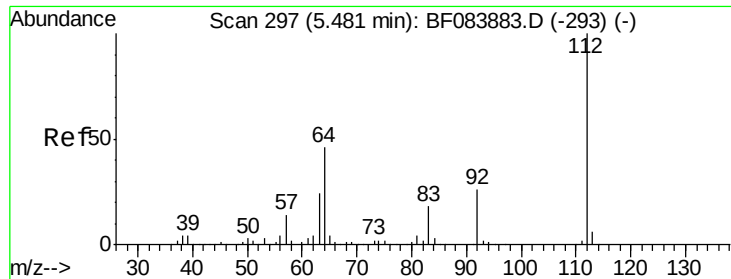


#4

n-Nitrosodimethylamine
Concen: 3.24 ng
RT: 3.14 min Scan# 92
Delta R.T. 0.00 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion: 42 Resp: 4455
Ion Ratio Lower Upper
42 100
74 0.0 115.7 173.5#
44 0.0 5.1 7.7#





#5

2-Fluorophenol

Concen: 44.56 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampled :

UST-9

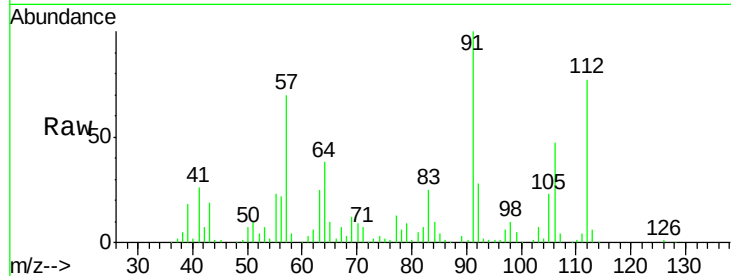
Tgt Ion: 112 Resp: 149713

Ion Ratio Lower Upper

112 100

64 49.1 36.6 55.0

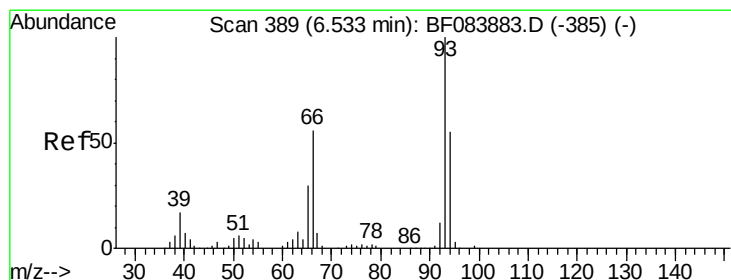
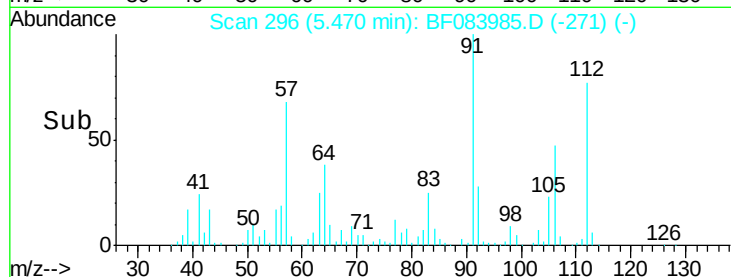
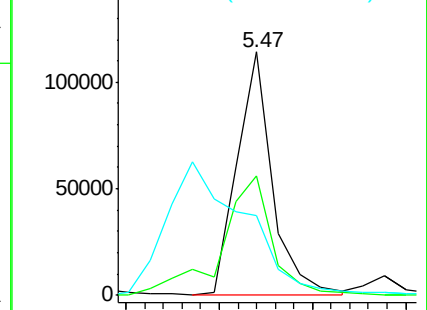
63 32.8 19.4 29.0#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.74 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.03 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

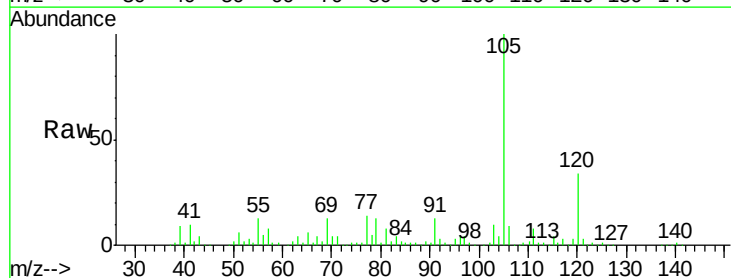
Tgt Ion: 93 Resp: 14521

Ion Ratio Lower Upper

93 100

66 118.2 44.9 67.3#

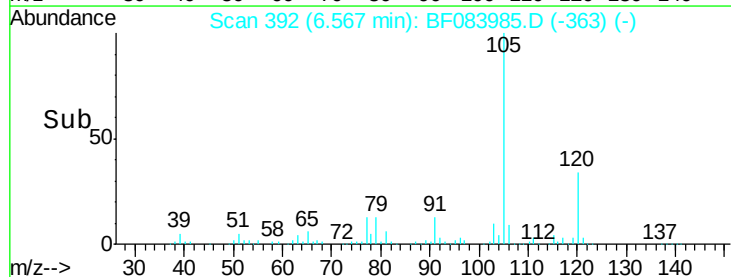
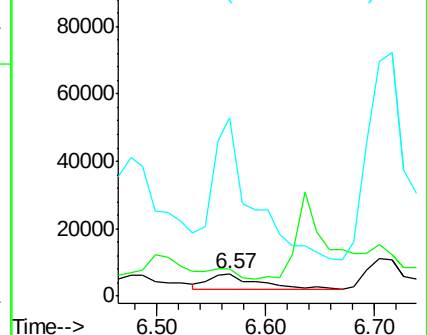
65 792.0 23.7 35.5#

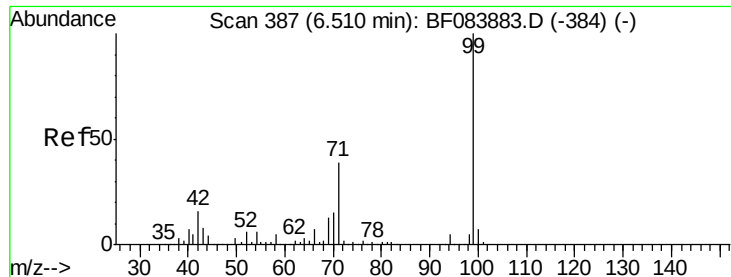


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 64.08 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

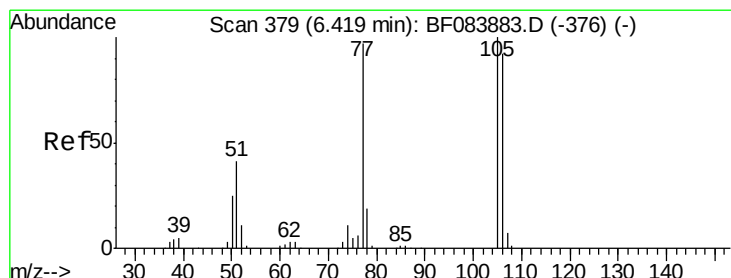
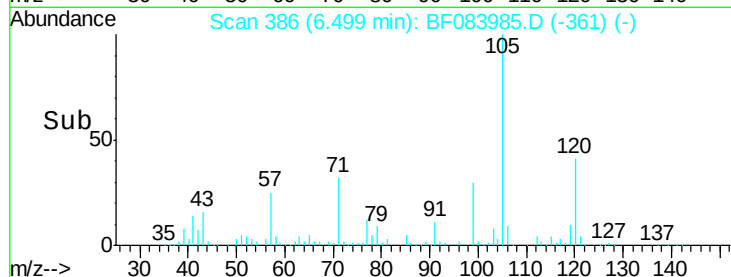
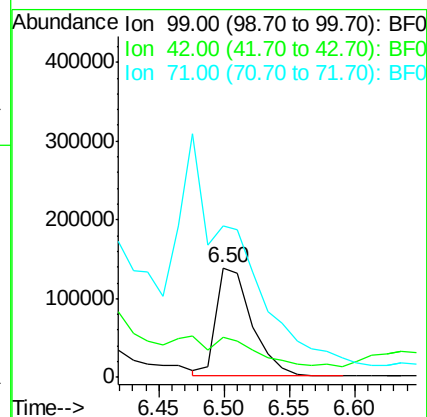
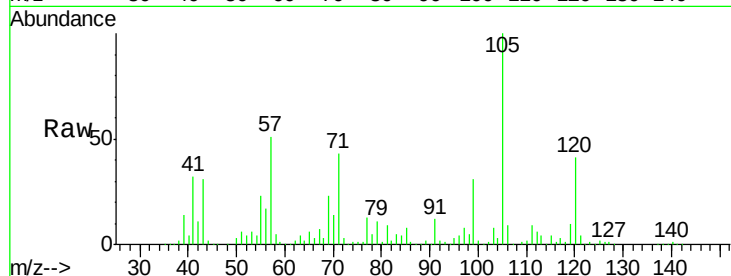
Tgt Ion: 99 Resp: 263543

Ion Ratio Lower Upper

99 100

42 36.6 12.8 19.2#

71 138.7 30.9 46.3#



#9

Benzaldehyde

Concen: 229.04 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

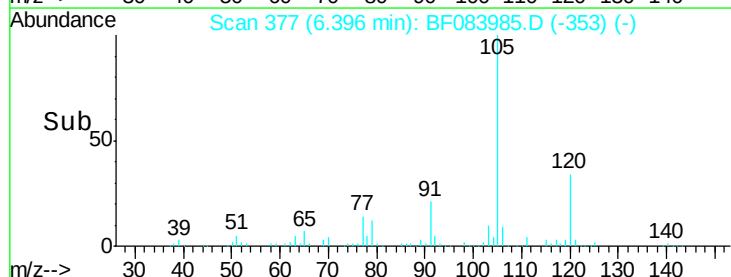
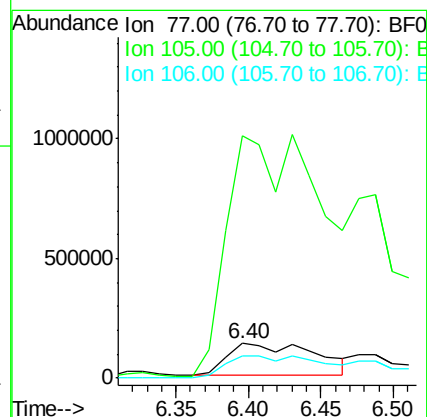
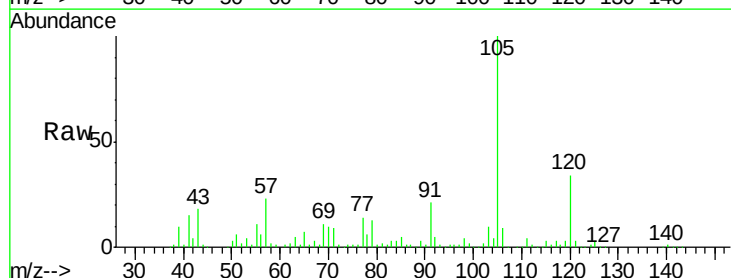
Tgt Ion: 77 Resp: 567548

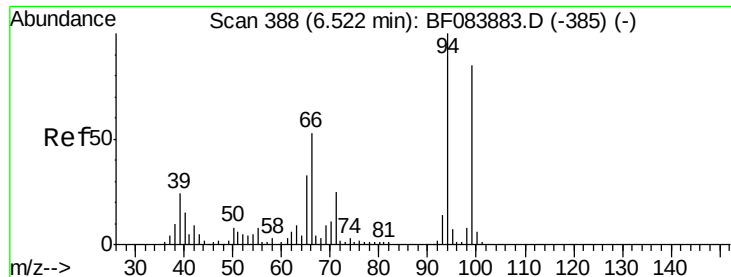
Ion Ratio Lower Upper

77 100

105 705.5 83.0 123.0#

106 65.5 74.6 114.6#





#10

Phenol

Concen: 2.23 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

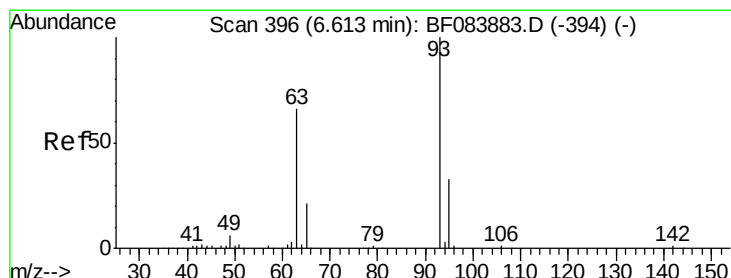
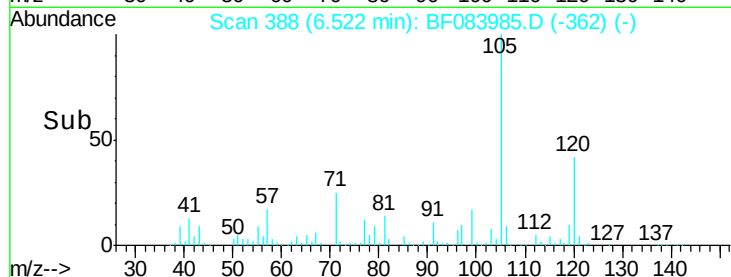
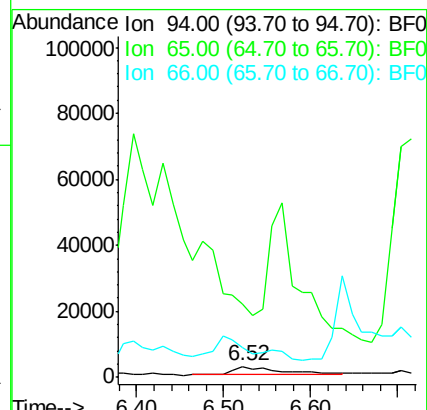
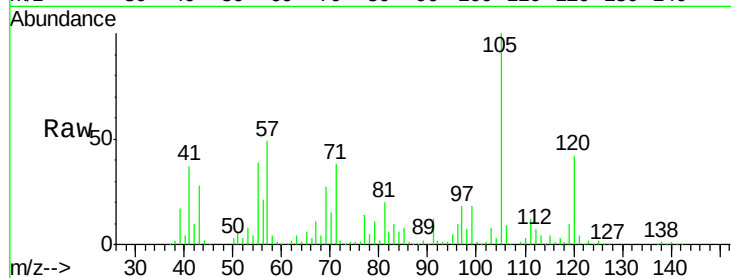
Tgt Ion: 94 Resp: 10252

Ion Ratio Lower Upper

94 100

65 666.7 12.9 52.9#

66 271.7 32.7 72.7#



#11

bis(2-Chloroethyl)ether

Concen: 4.17 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.05 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

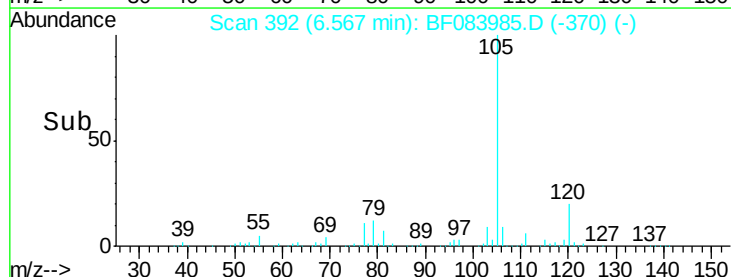
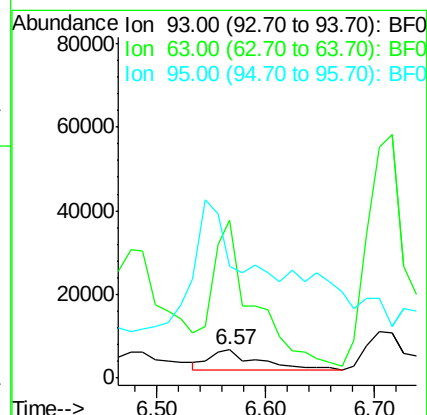
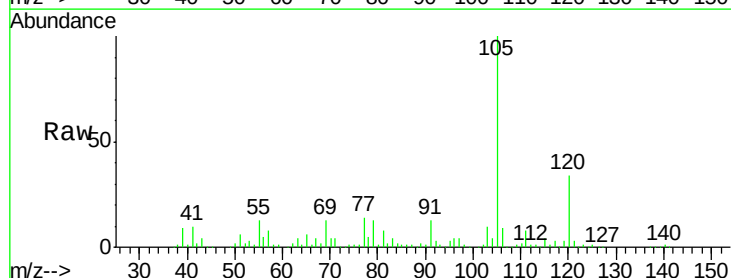
Tgt Ion: 93 Resp: 14521

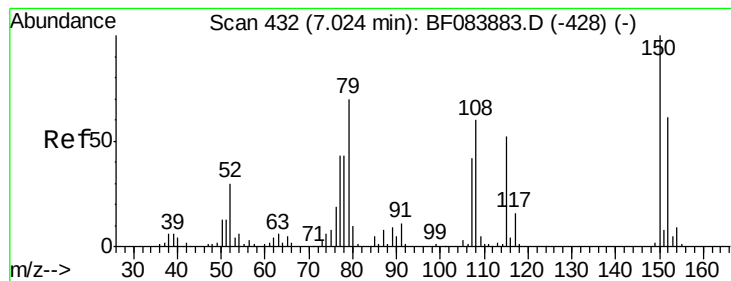
Ion Ratio Lower Upper

93 100

63 563.9 45.9 85.9#

95 399.3 12.3 52.3#





#15

Benzyl Alcohol

Concen: 72.85 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.09 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampled :

UST-9

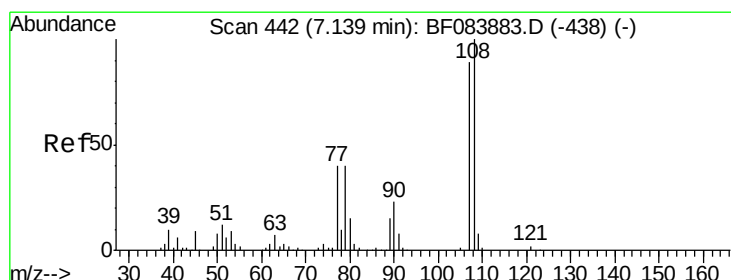
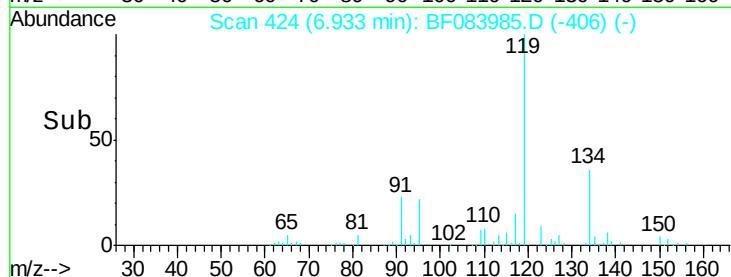
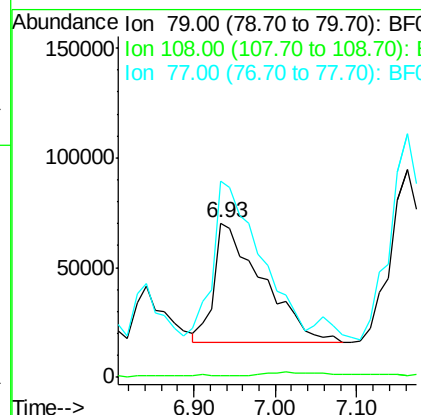
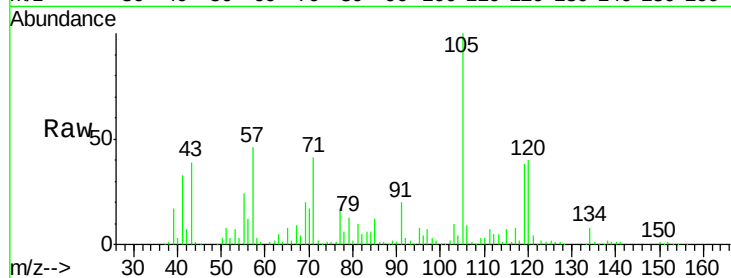
Tgt Ion: 79 Resp: 226744

Ion Ratio Lower Upper

79 100

108 1.0 69.0 103.4#

77 127.2 50.0 75.0#



#17

2-Methylphenol

Concen: 4.08 ng

RT: 7.16 min Scan# 444

Delta R.T. 0.02 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Tgt Ion: 107 Resp: 12790

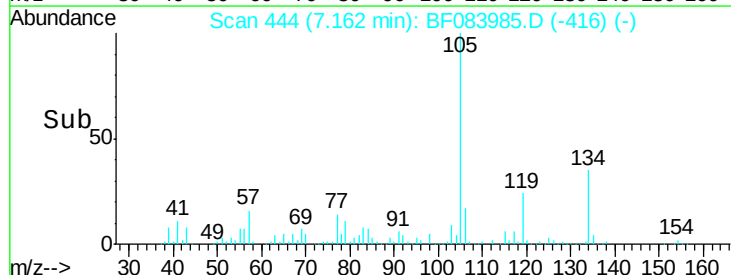
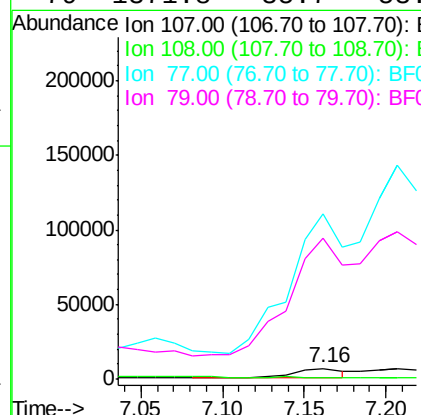
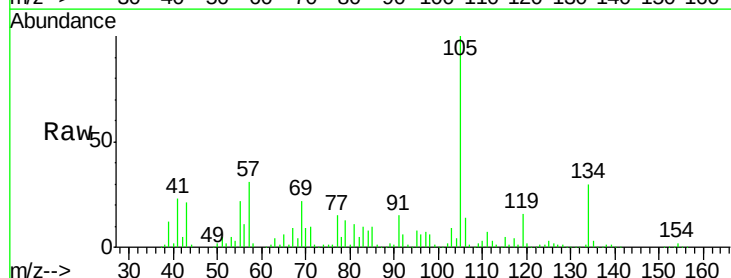
Ion Ratio Lower Upper

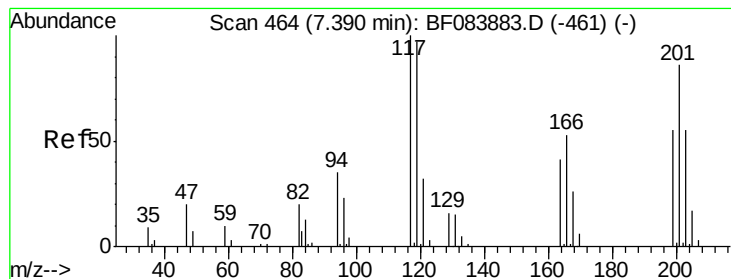
107 100

108 14.4 89.8 134.6#

77 1610.4 35.7 53.5#

79 1371.8 35.7 53.5#





#18

Hexachloroethane

Concen: 1319.28 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.07 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

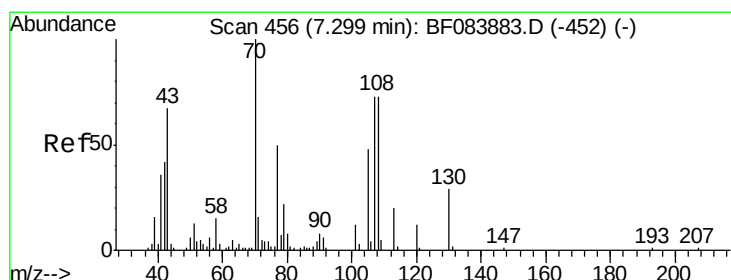
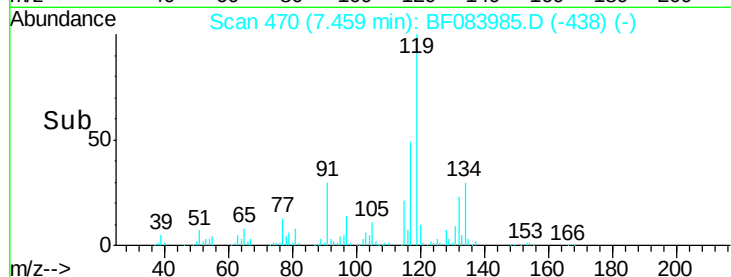
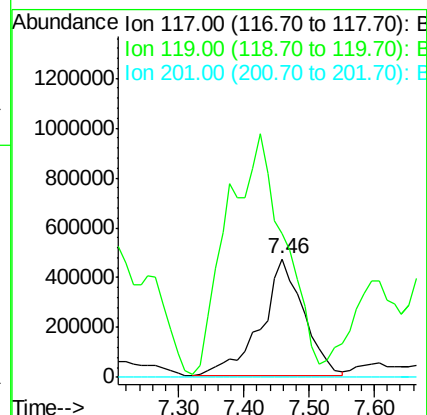
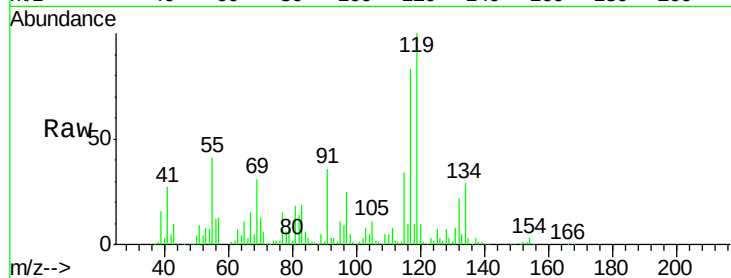
Tgt Ion: 117 Resp: 2125528

Ion Ratio Lower Upper

117 100

119 121.0 77.4 116.0#

201 0.0 68.6 103.0#



#19

n-Nitroso-di-n-propylamine

Concen: 179.22 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.06 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Tgt Ion: 70 Resp: 429693

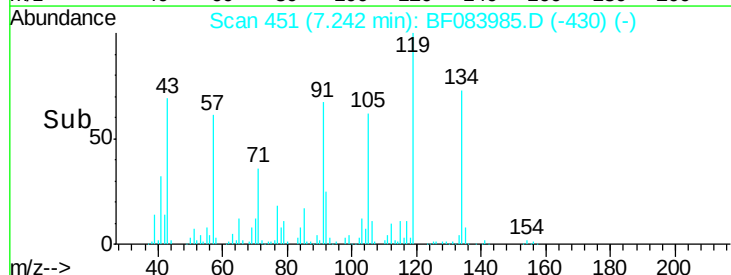
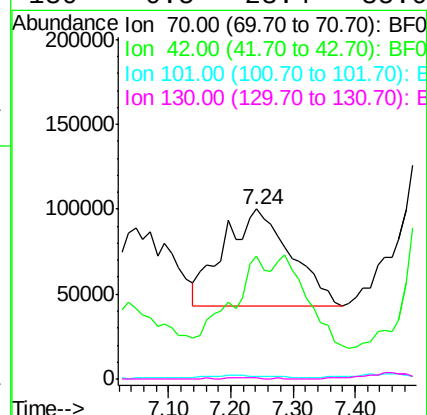
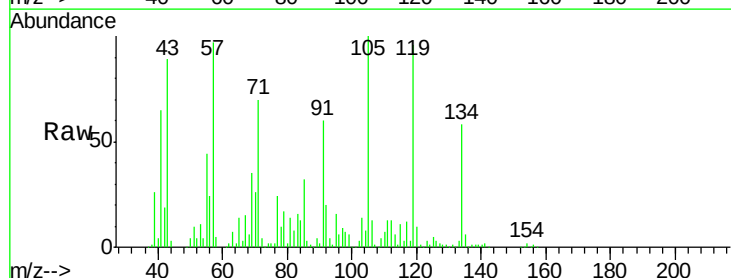
Ion Ratio Lower Upper

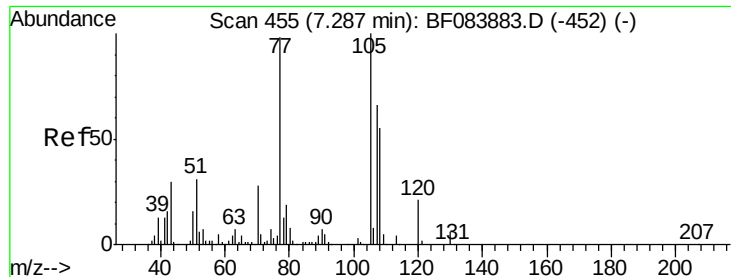
70 100

42 72.3 33.3 49.9#

101 1.8 9.3 13.9#

130 0.5 23.4 35.0#

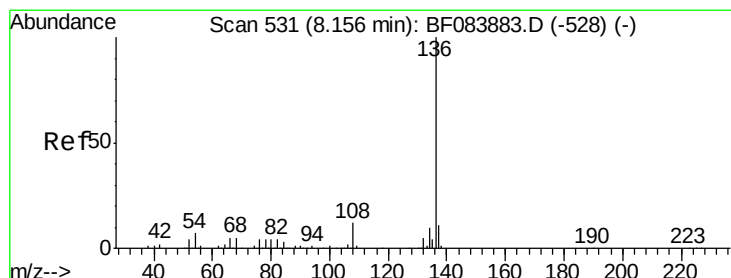
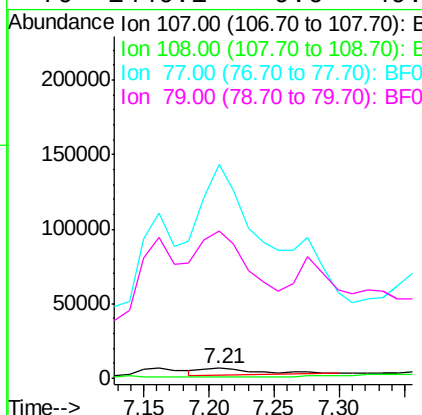
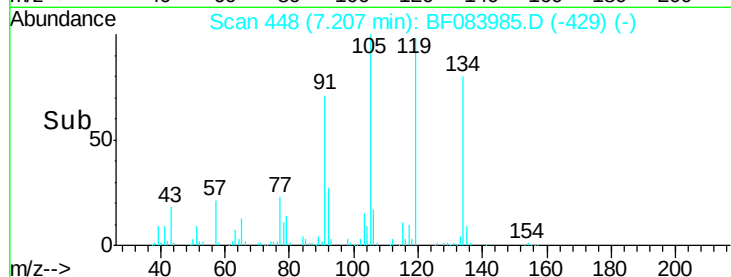
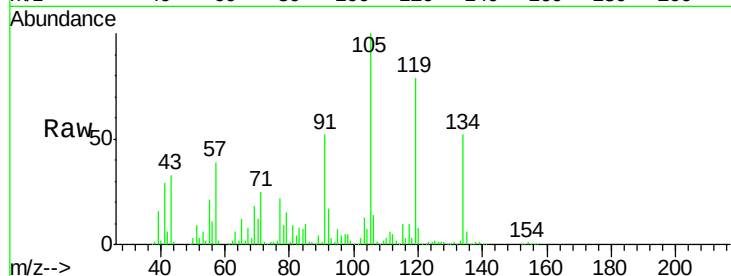




#20
3+4-Methylphenols
Concen: 4.28 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.08 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

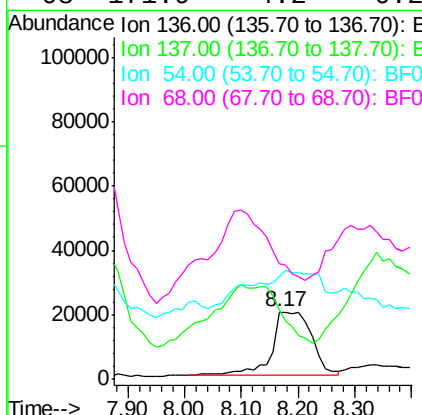
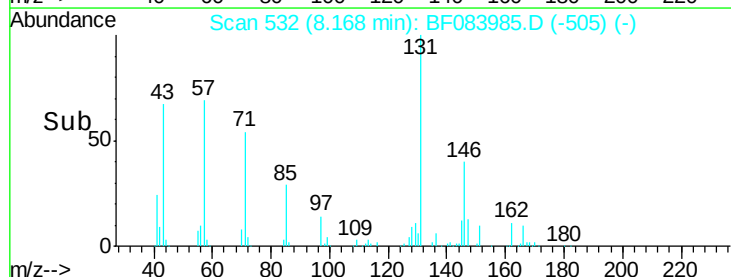
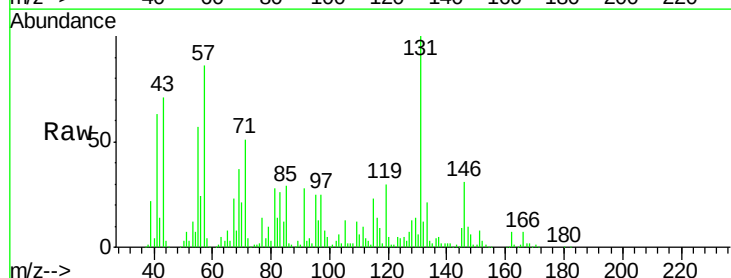
Instrument :
BNA_F
ClientSampleId :
UST-9

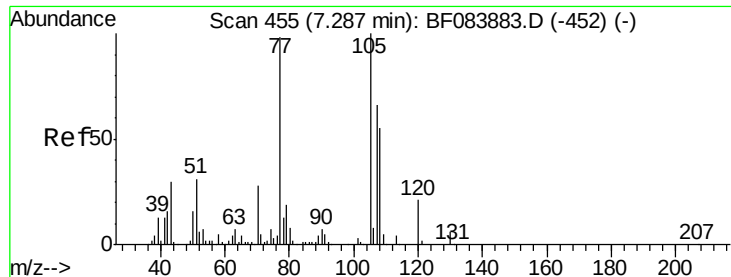
Tgt Ion:107 Resp: 15758
Ion Ratio Lower Upper
107 100
108 12.3 64.1 104.1#
77 2105.4 128.9 168.9#
79 1446.1 9.6 49.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.01 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion:136 Resp: 97302
Ion Ratio Lower Upper
136 100
137 104.4 8.7 13.1#
54 153.2 5.8 8.8#
68 171.9 4.2 6.2#

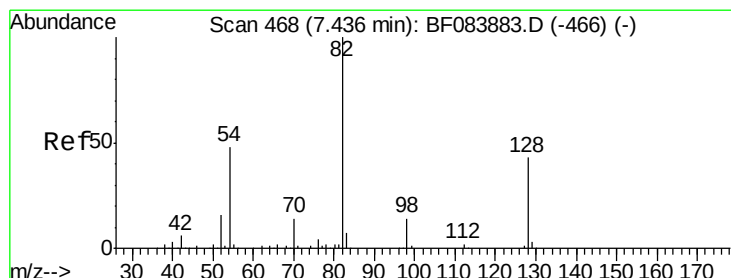
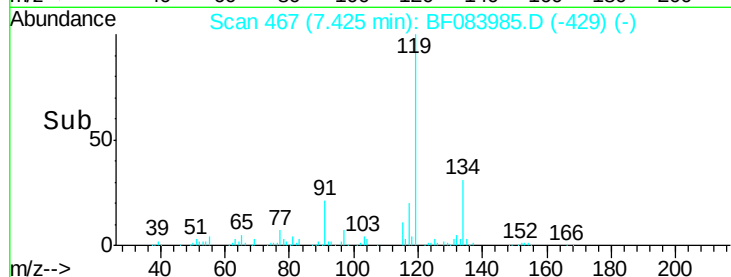
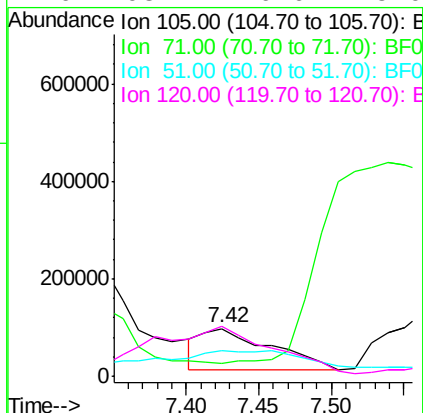
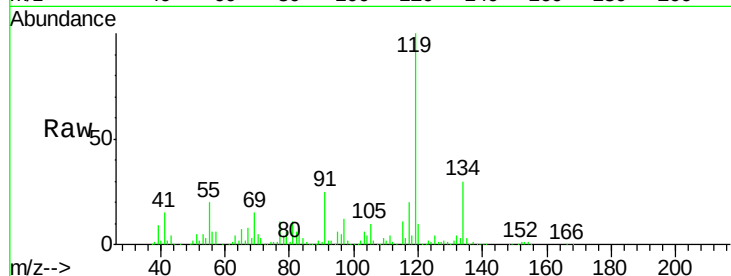




#22
Acetophenone
Concen: 120.88 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

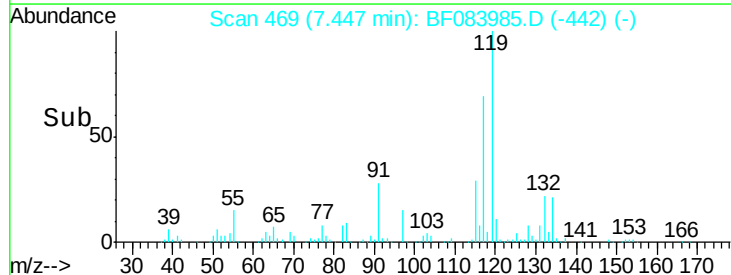
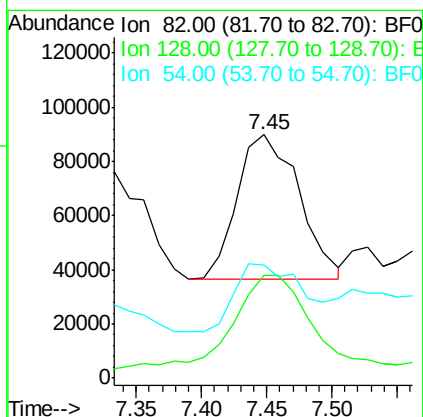
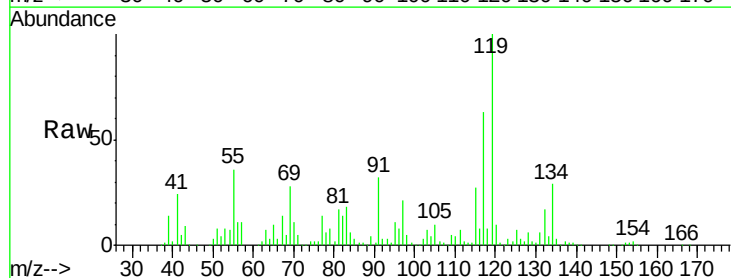
Instrument :
BNA_F
ClientSampleId :
UST-9

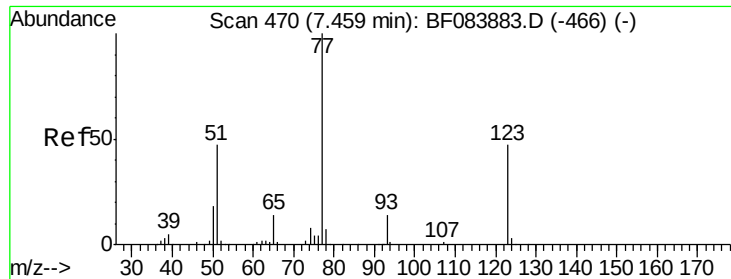
Tgt Ion: 105 Resp: 283160
Ion Ratio Lower Upper
105 100
71 27.4 3.7 5.5#
51 53.4 25.1 37.7#
120 103.4 16.6 25.0#



#23
Nitrobenzene-d5
Concen: 102.55 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.01 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion: 82 Resp: 174841
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 46.5 38.4 57.6

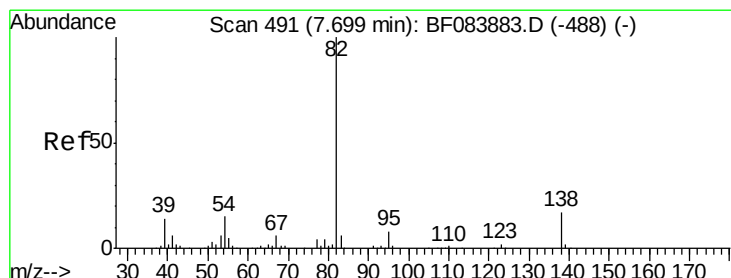
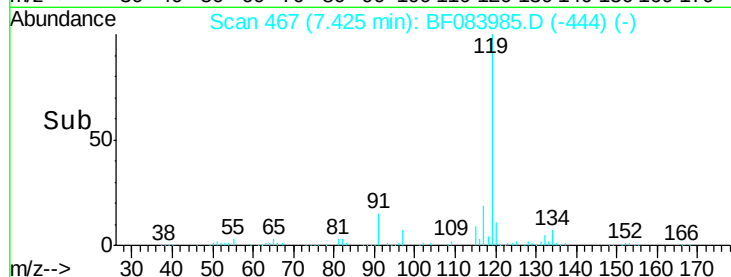
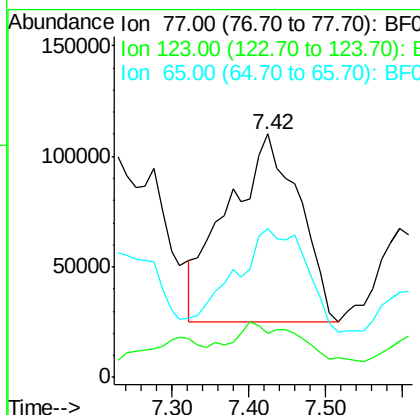
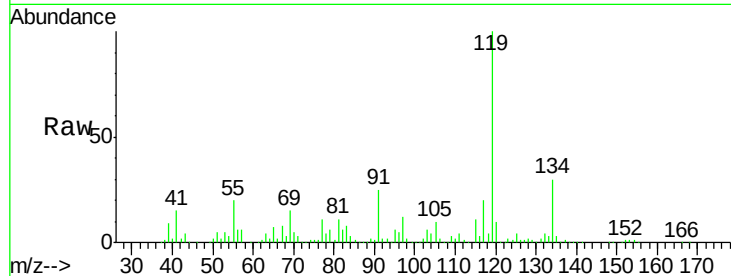




#24
 Nitrobenzene
 Concen: 313.96 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.03 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

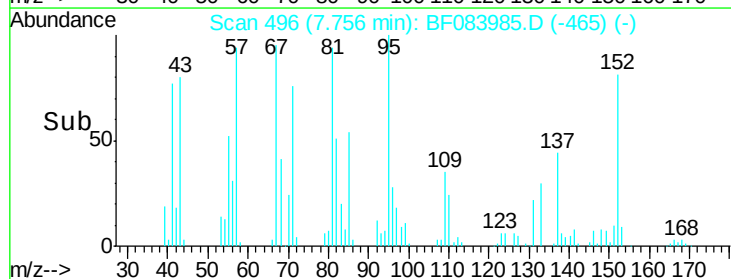
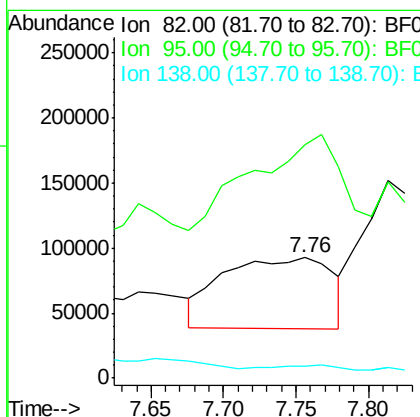
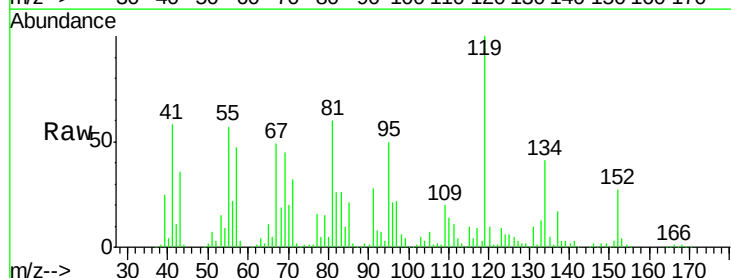
Instrument :
 BNA_F
 ClientSampled :
 UST-9

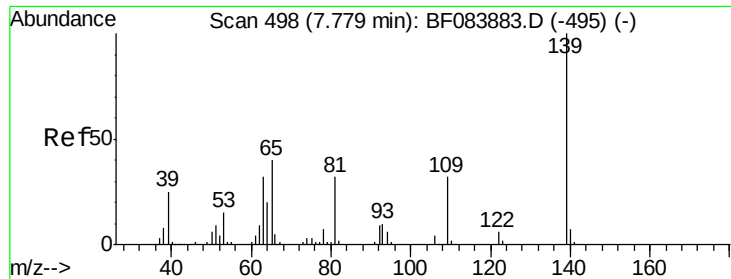
Tgt Ion: 77 Resp: 553560
 Ion Ratio Lower Upper
 77 100
 123 18.3 37.4 56.2#
 65 61.3 10.9 16.3#



#25
 Isophorone
 Concen: 89.62 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion: 82 Resp: 287490
 Ion Ratio Lower Upper
 82 100
 95 194.1 6.6 10.0#
 138 10.3 13.6 20.4#

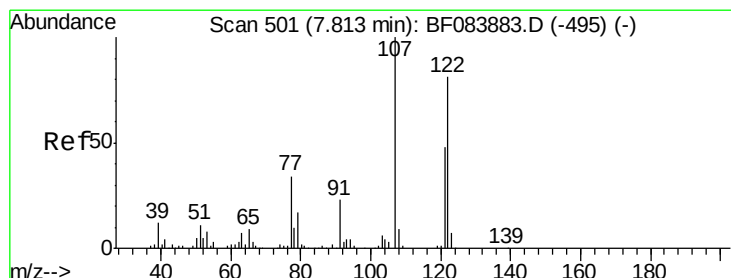
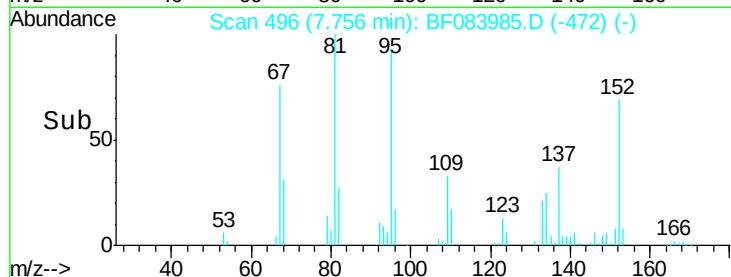
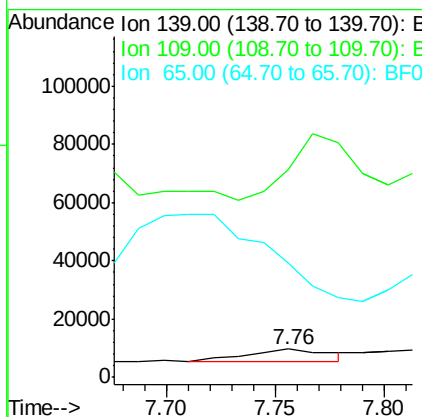
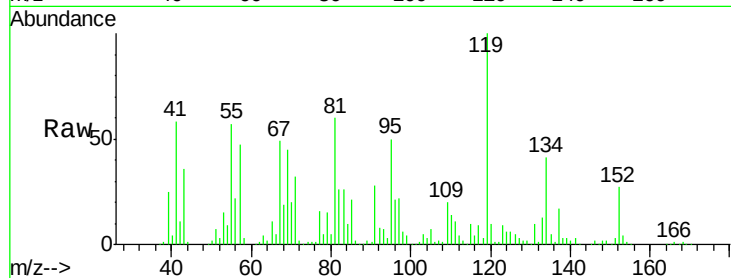




#26
 2-Nitrophenol
 Concen: 11.33 ng
 RT: 7.76 min Scan# 496
 Delta R.T. -0.02 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

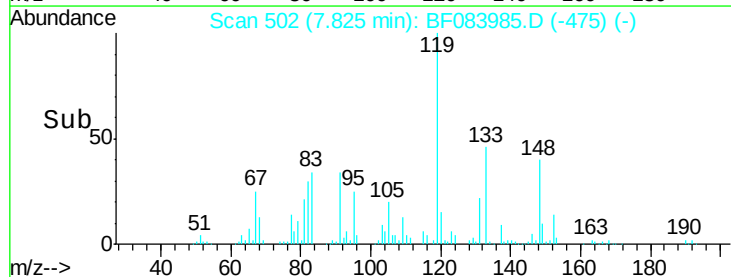
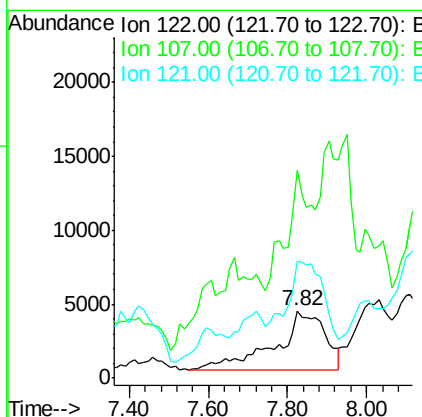
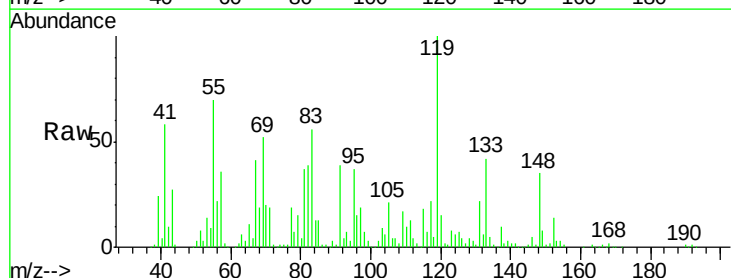
Instrument :
 BNA_F
 ClientSampleId :
 UST-9

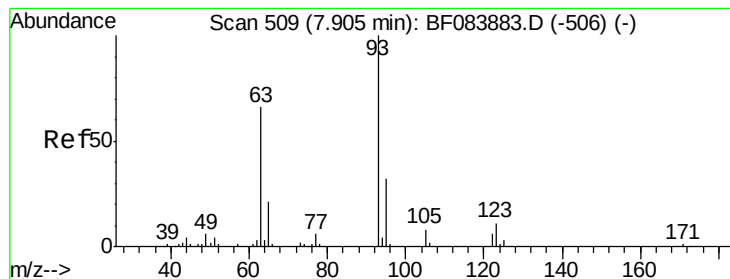
Tgt Ion:139 Resp: 10337
 Ion Ratio Lower Upper
 139 100
 109 729.9 25.4 38.2#
 65 402.9 32.3 48.5#



#27
 2,4-Dimethylphenol
 Concen: 22.63 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.01 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion:122 Resp: 35574
 Ion Ratio Lower Upper
 122 100
 107 309.5 99.1 148.7#
 121 172.8 47.9 71.9#





#28

bis(2-Chloroethoxy)methane

Concen: 24.06 ng

RT: 7.98 min Scan# 516

Delta R.T. 0.08 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

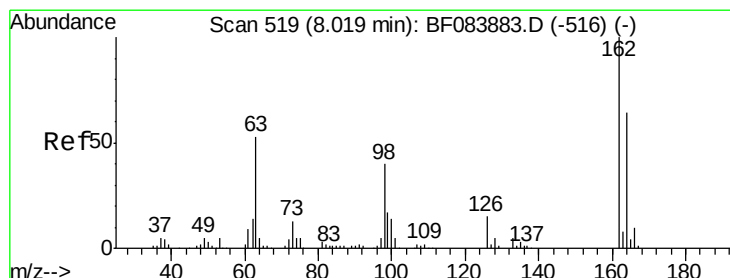
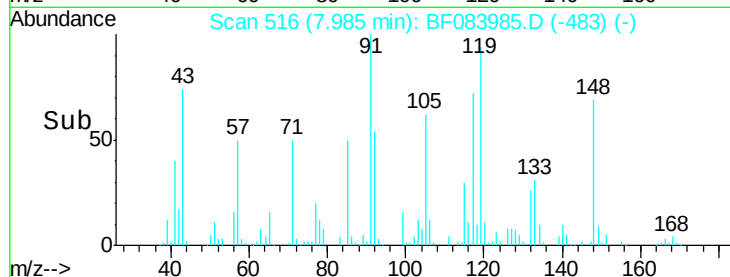
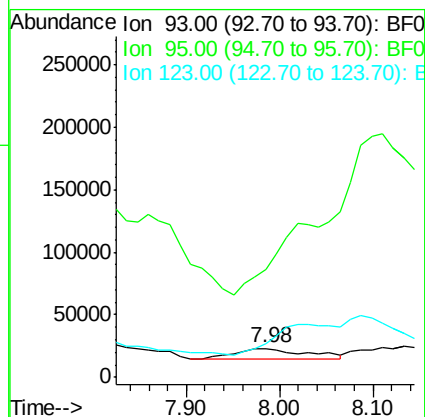
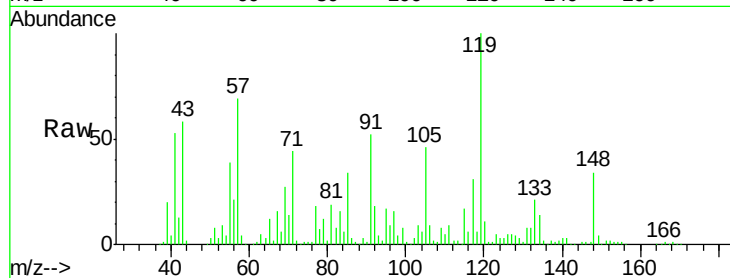
Tgt Ion: 93 Resp: 45662

Ion Ratio Lower Upper

93 100

95 375.6 25.8 38.6#

123 118.8 8.6 12.8#



#29

2,4-Dichlorophenol

Concen: 196.75 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.11 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

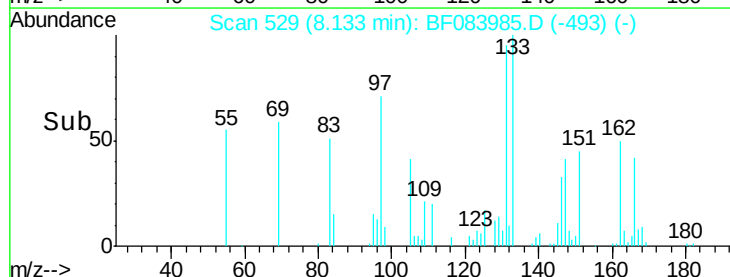
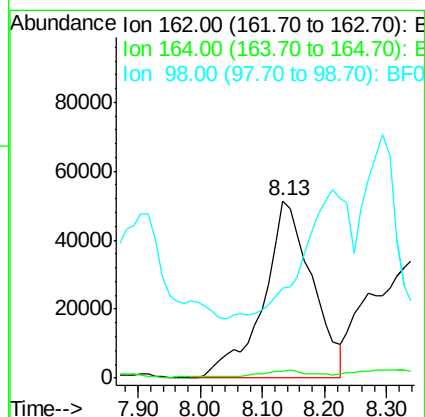
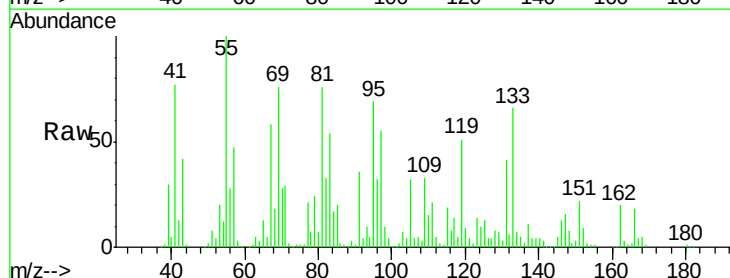
Tgt Ion: 162 Resp: 280628

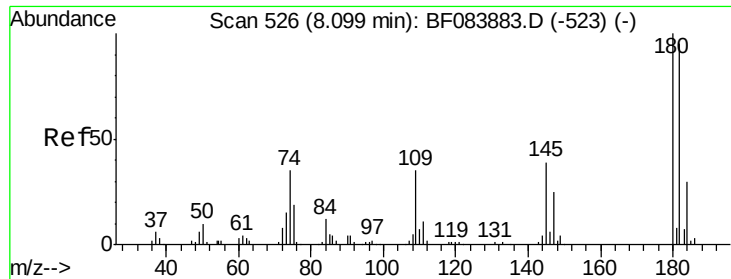
Ion Ratio Lower Upper

162 100

164 3.6 44.1 84.1#

98 51.0 20.2 60.2

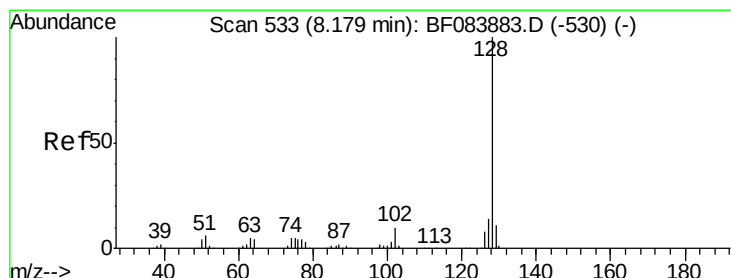
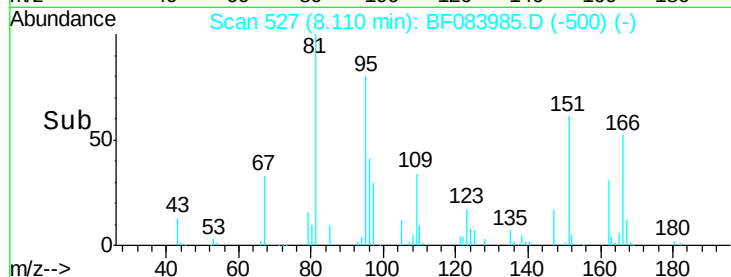
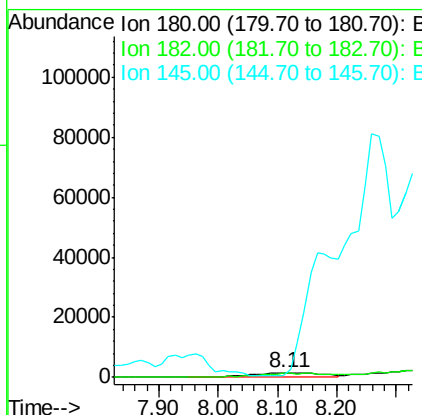
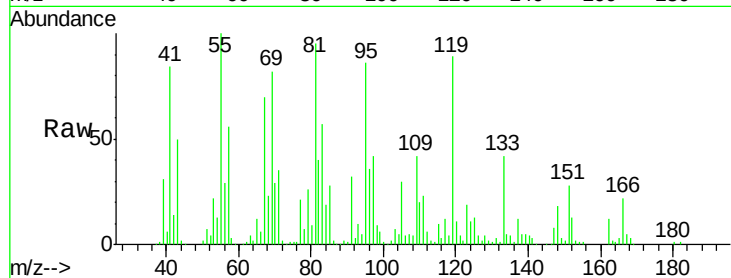




#30
1,2,4-Trichlorobenzene
Concen: 8.15 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.01 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

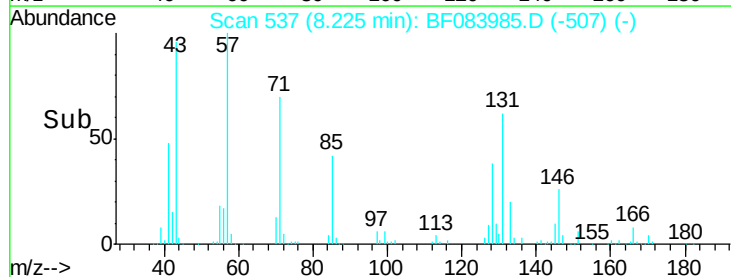
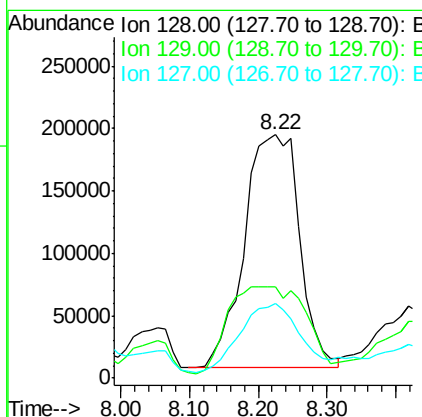
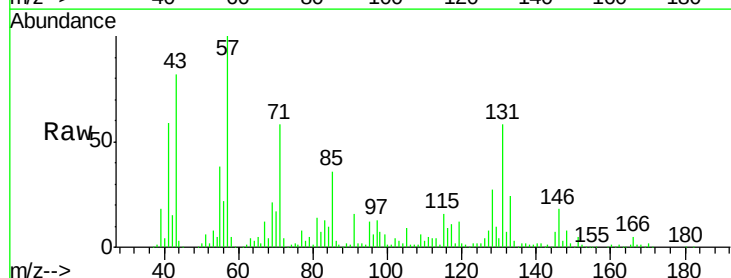
Instrument :
BNA_F
ClientSampleId :
UST-9

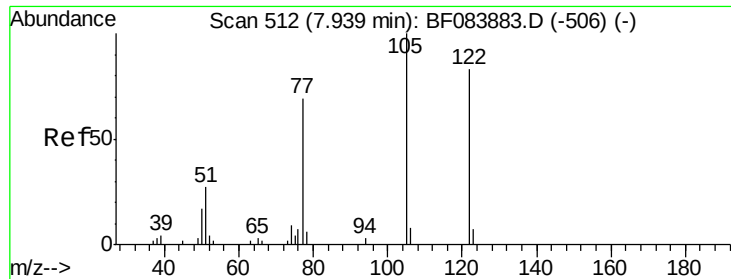
Tgt Ion:180 Resp: 12487
Ion Ratio Lower Upper
180 100
182 78.4 76.4 114.6
145 36.3 31.6 47.4



#31
Naphthalene
Concen: 220.68 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.05 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion:128 Resp: 1039688
Ion Ratio Lower Upper
128 100
129 37.6 9.1 13.7#
127 30.7 11.1 16.7#

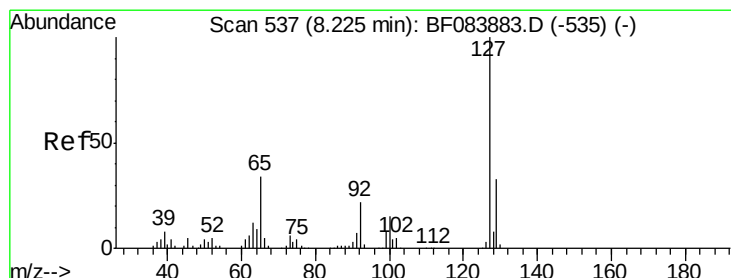
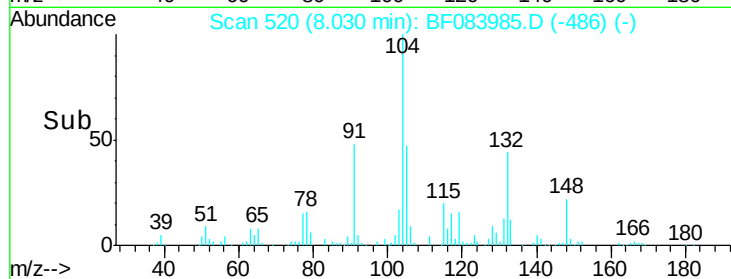
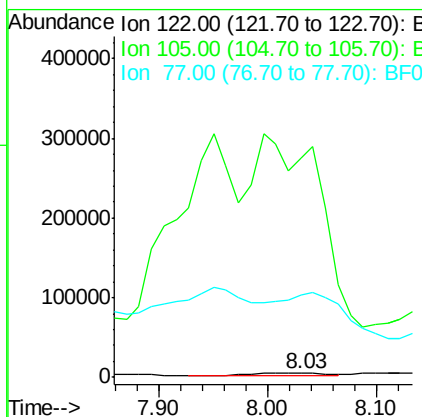
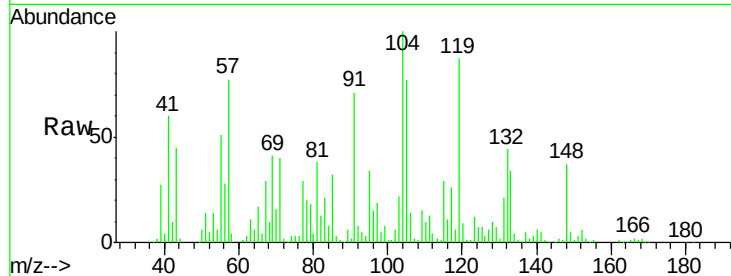




#32
Benzoic acid
Concen: 31.89 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.09 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

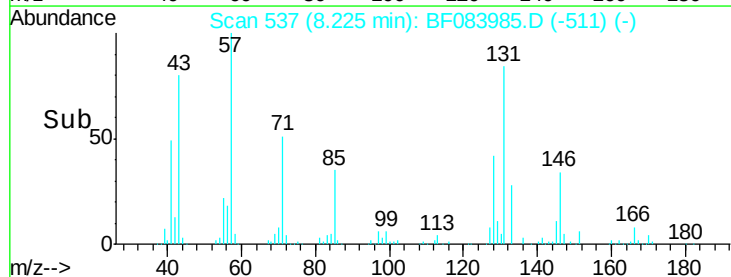
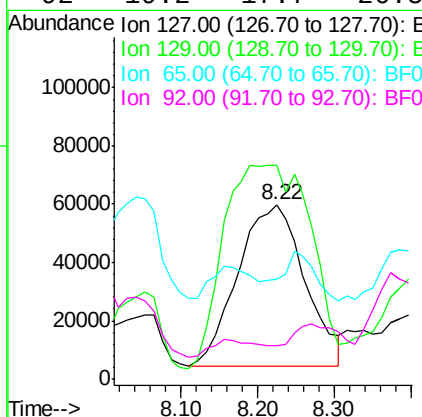
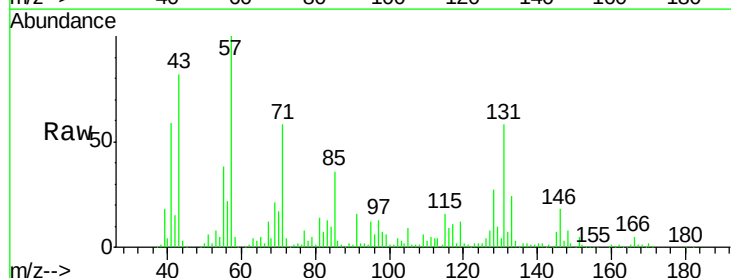
Instrument :
BNA_F
ClientSampleId :
UST-9

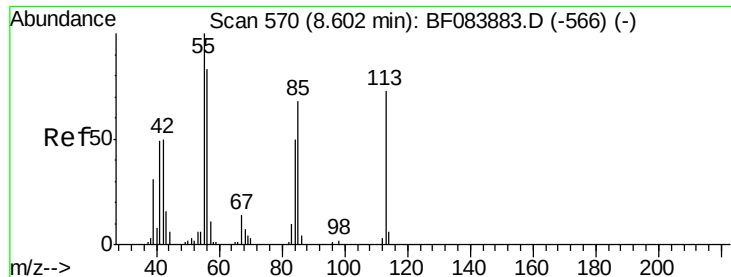
Tgt Ion:122 Resp: 16025
Ion Ratio Lower Upper
122 100
105 5223.0 100.3 140.3#
77 1965.0 63.5 103.5#



#33
4-Chloroaniline
Concen: 151.47 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion:127 Resp: 334576
Ion Ratio Lower Upper
127 100
129 122.5 26.5 39.7#
65 57.6 27.2 40.8#
92 19.2 17.7 26.5

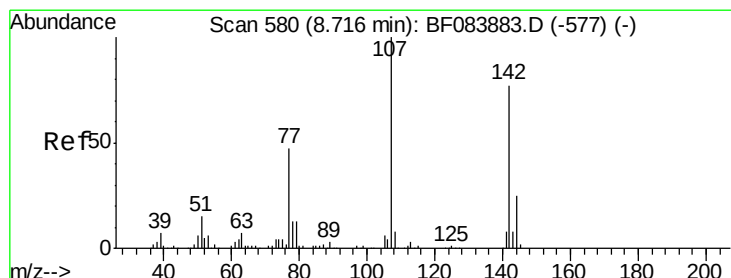
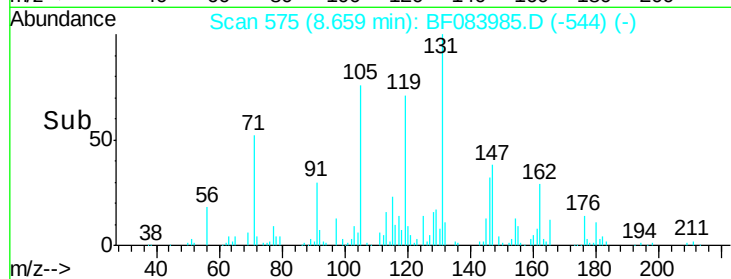
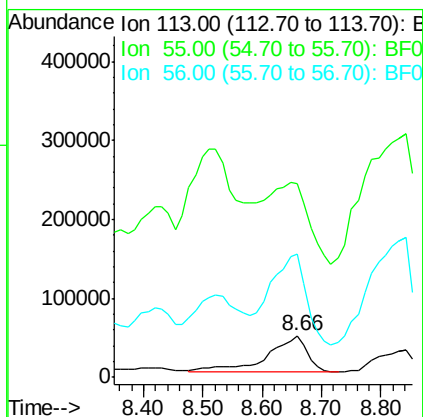
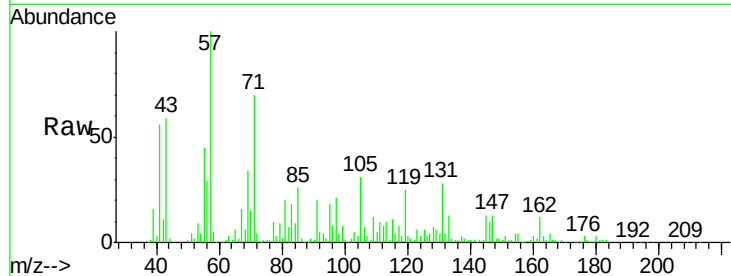




#35
 Caprolactam
 Concen: 435.55 ng
 RT: 8.66 min Scan# 575
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

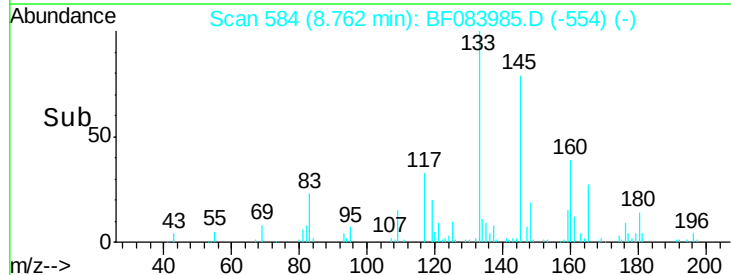
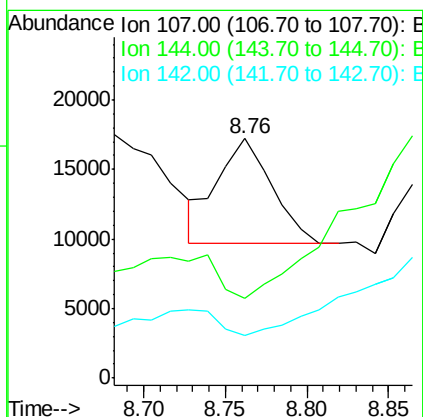
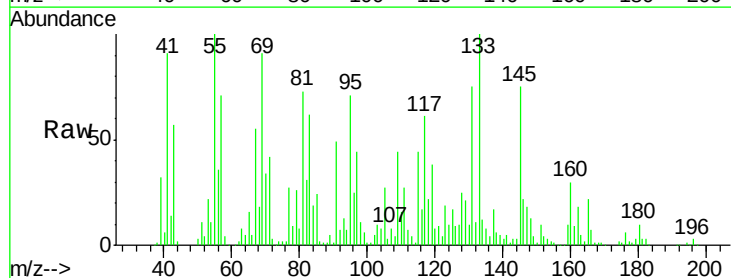
Instrument :
 BNA_F
 ClientSampled :
 UST-9

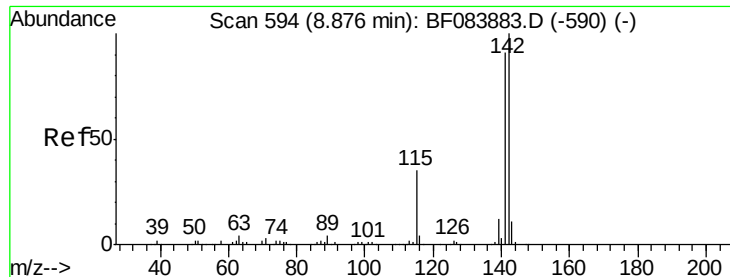
Tgt Ion:113 Resp: 205250
 Ion Ratio Lower Upper
 113 100
 55 467.9 116.9 156.9#
 56 296.1 93.8 133.8#



#36
 4-Chloro-3-methylphenol
 Concen: 9.54 ng
 RT: 8.76 min Scan# 584
 Delta R.T. 0.05 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion:107 Resp: 17597
 Ion Ratio Lower Upper
 107 100
 144 33.1 19.7 29.5#
 142 17.8 61.8 92.6#

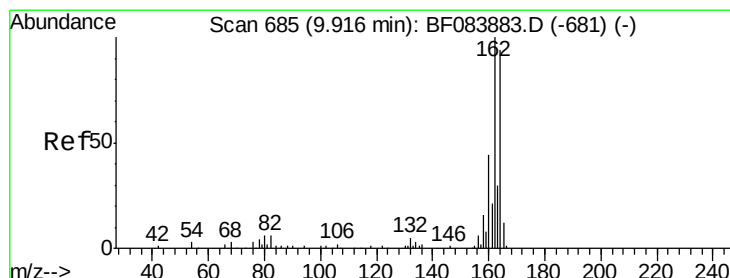
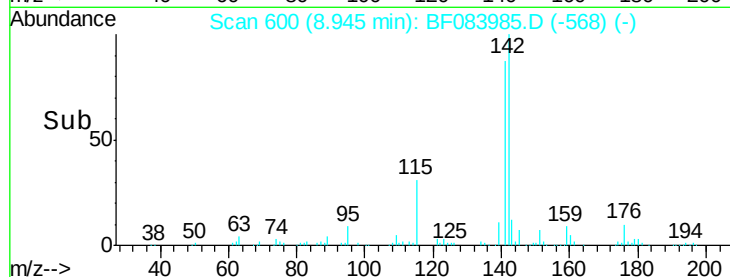
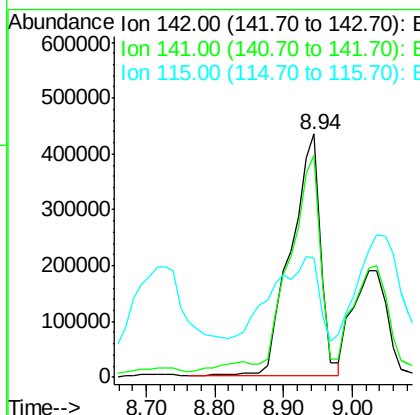
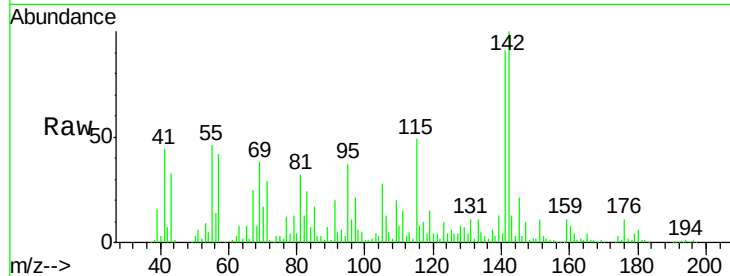




#37
 2-Methylnaphthalene
 Concen: 381.13 ng
 RT: 8.94 min Scan# 600
 Delta R.T. 0.07 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

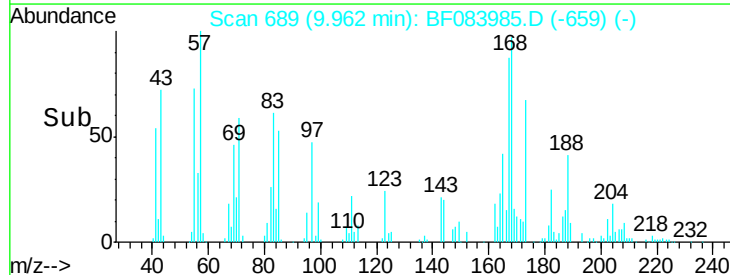
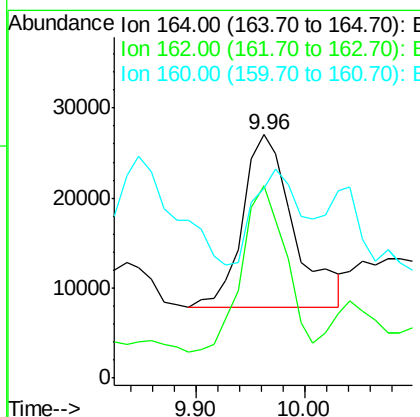
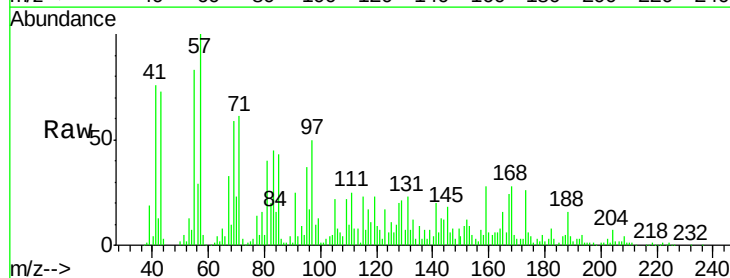
Instrument :
 BNA_F
 ClientSampleId :
 UST-9

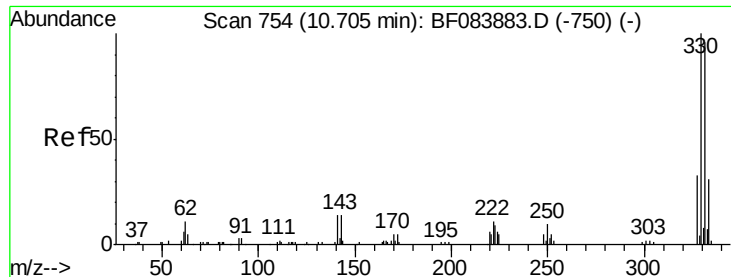
Tgt Ion:142 Resp: 1288927
 Ion Ratio Lower Upper
 142 100
 141 91.3 72.4 108.6
 115 49.0 27.9 41.9#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 689
 Delta R.T. 0.05 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion:164 Resp: 63478
 Ion Ratio Lower Upper
 164 100
 162 79.1 85.1 127.7#
 160 77.9 37.5 56.3#

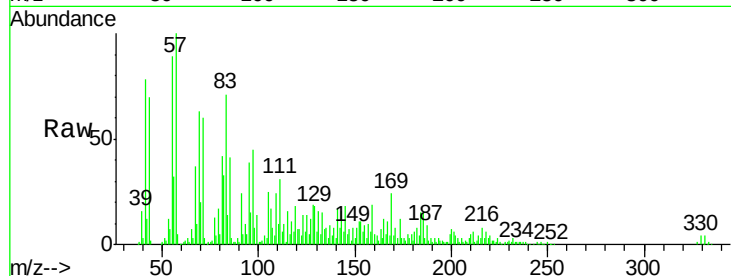




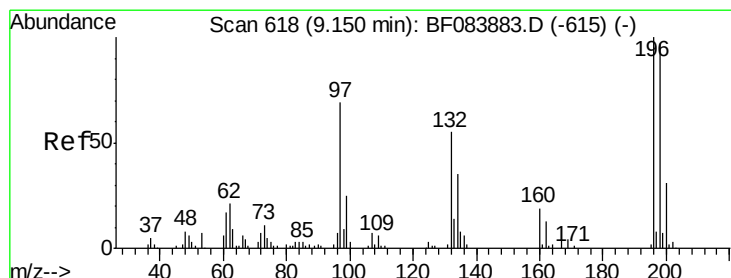
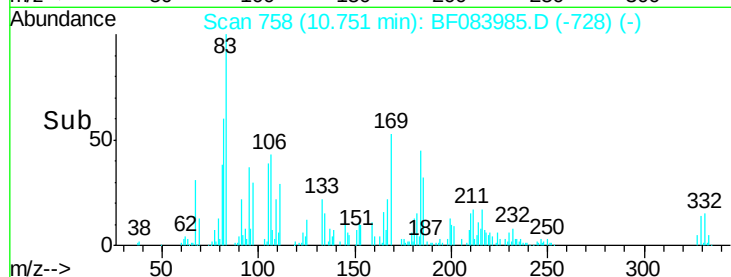
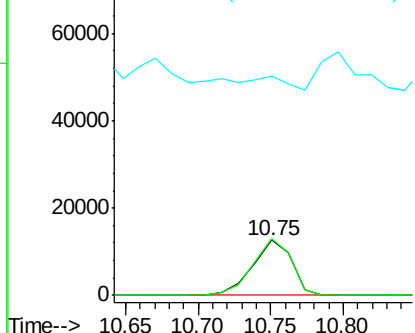
#41
 2,4,6-Tribromophenol
 Concen: 33.83 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.05 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Instrument :
 BNA_F
 ClientSampleId :
 UST-9

Tgt Ion:330 Resp: 23658
 Ion Ratio Lower Upper
 330 100
 332 100.7 76.6 114.8
 141 0.0 27.8 41.6#

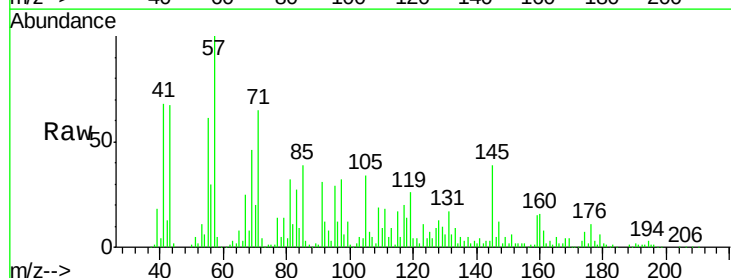


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

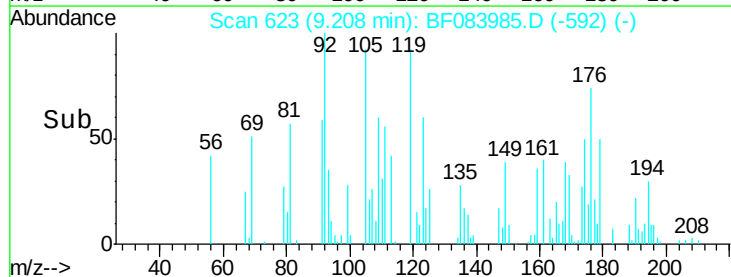
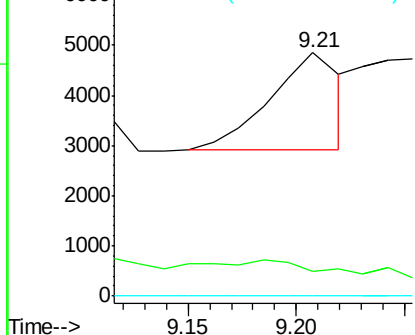


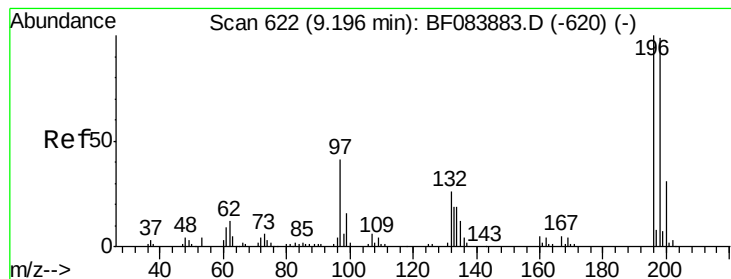
#42
 2,4,6-Trichlorophenol
 Concen: 3.31 ng
 RT: 9.21 min Scan# 623
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion:196 Resp: 4378
 Ion Ratio Lower Upper
 196 100
 198 10.3 77.7 116.5#
 200 0.0 24.6 37.0#



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





#43

2,4,5-Trichlorophenol

Concen: 3.35 ng

RT: 9.21 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

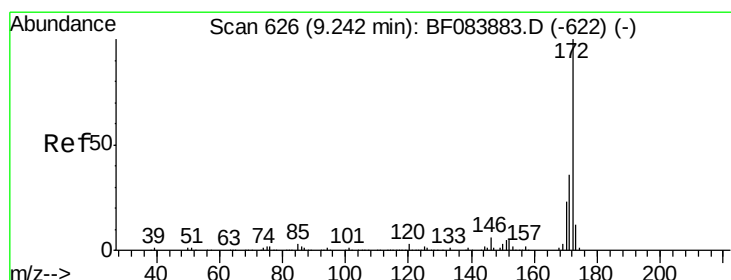
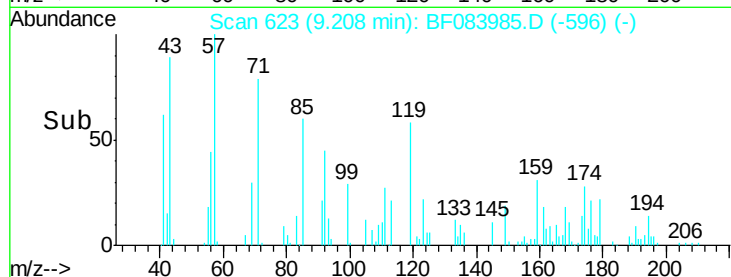
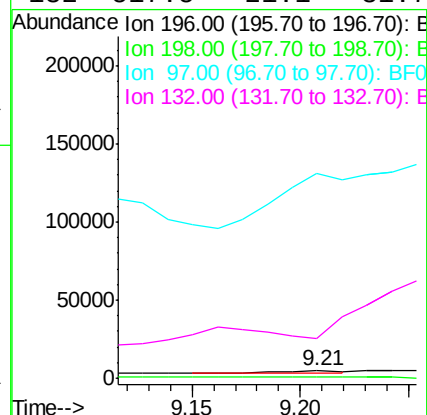
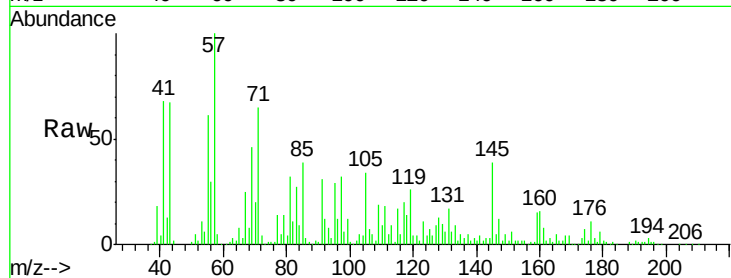
BNA_F

ClientSampleId :

UST-9

Tgt Ion:196 Resp: 4378

Ion	Ratio	Lower	Upper
196	100		
198	10.3	79.0	118.6#
97	2706.1	33.0	49.6#
132	517.5	21.1	31.7#



#44

2-Fluorobiphenyl

Concen: 46.78 ng

RT: 9.28 min Scan# 629

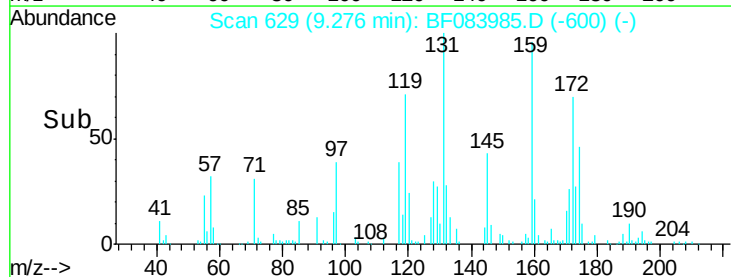
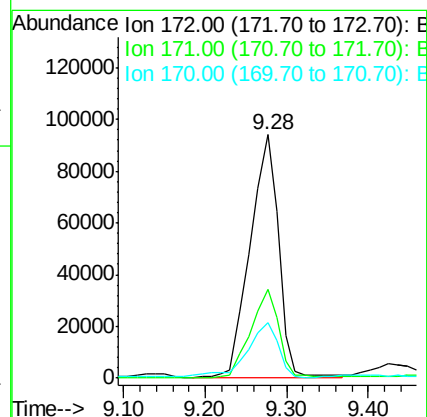
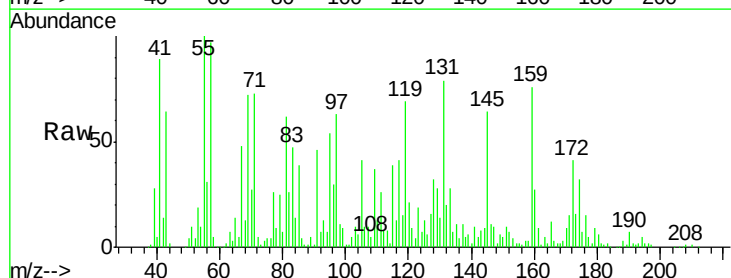
Delta R.T. 0.04 min

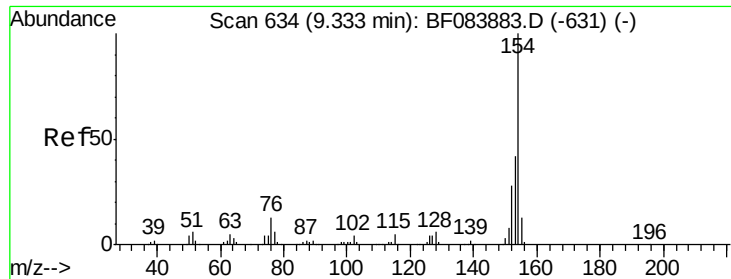
Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Tgt Ion:172 Resp: 227299

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.9	43.3
170	23.0	18.6	27.8

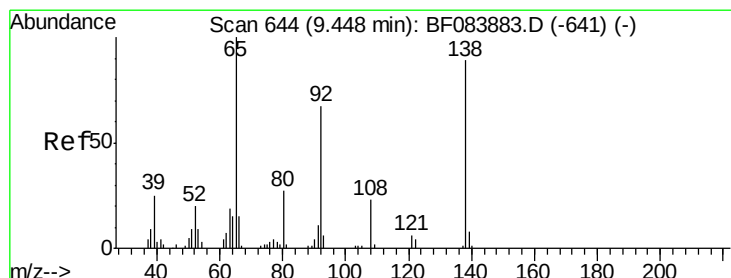
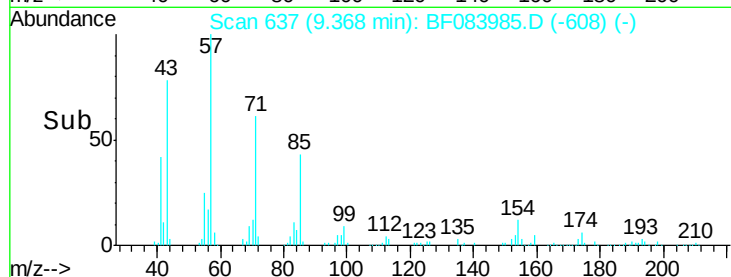
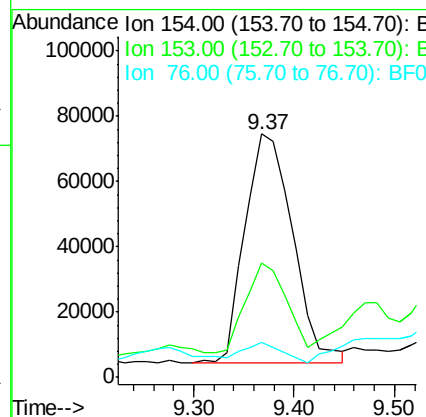
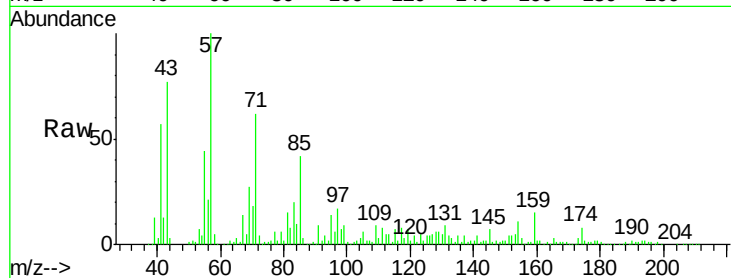




#45
 1,1'-Biphenyl
 Concen: 43.40 ng
 RT: 9.37 min Scan# 637
 Delta R.T. 0.03 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

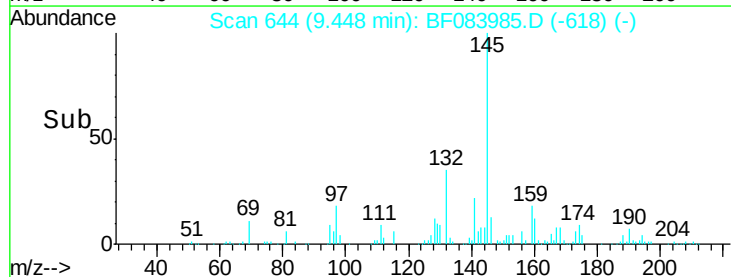
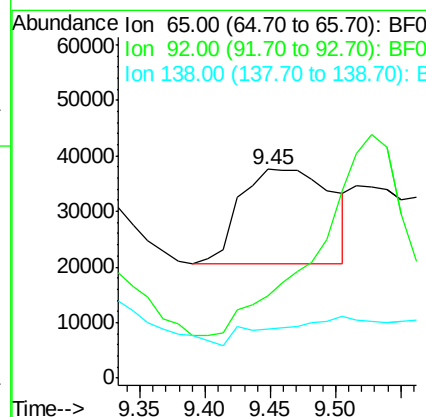
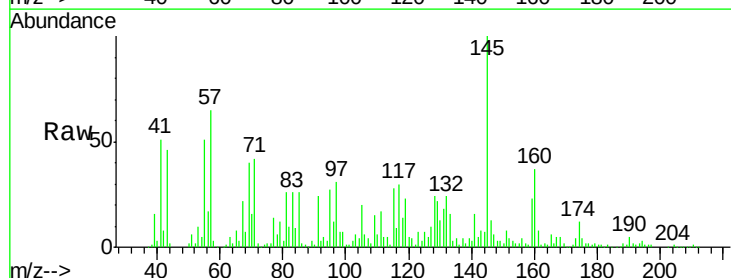
Instrument :
 BNA_F
 ClientSampled :
 UST-9

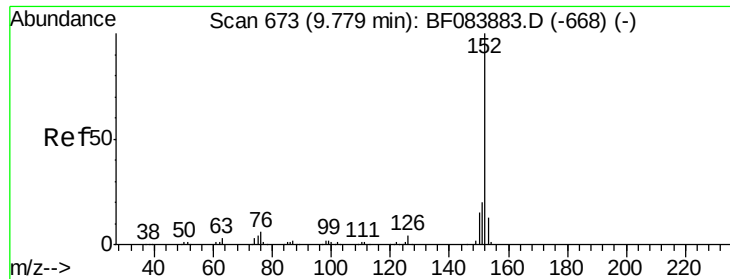
Tgt Ion	Ratio	Lower	Upper
154	100		
153	46.9	21.6	61.6
76	14.4	0.0	32.7



#47
 2-Nitroaniline
 Concen: 66.33 ng
 RT: 9.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	39.7	53.4	80.2#
138	23.3	71.1	106.7#





#48

Acenaphthylene

Concen: 3.24 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.06 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

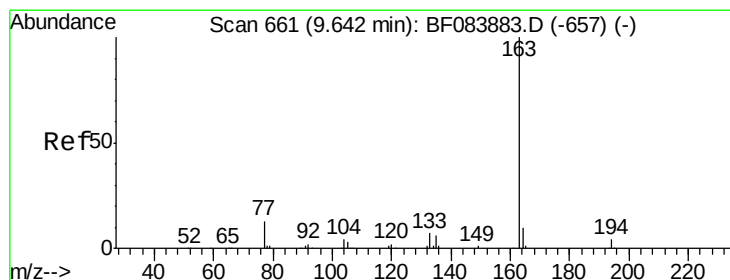
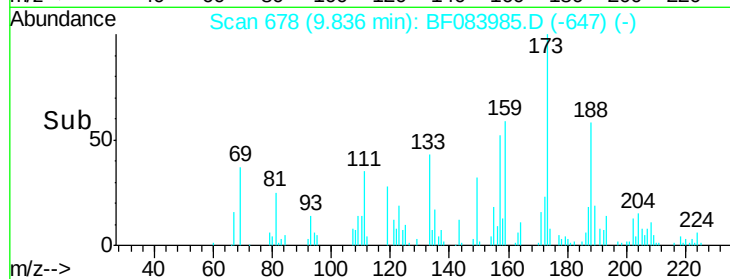
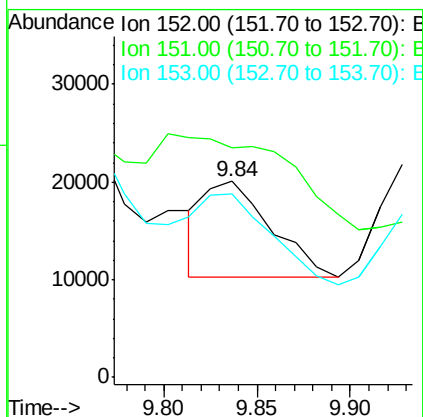
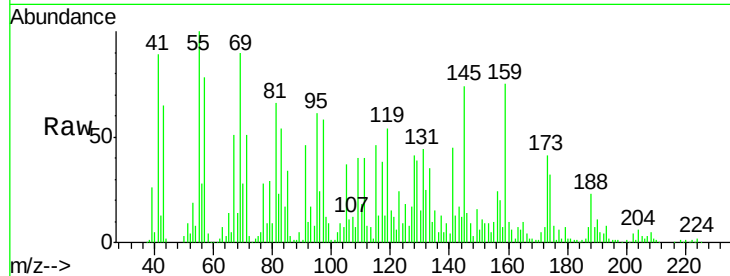
Tgt Ion:152 Resp: 23959

Ion Ratio Lower Upper

152 100

151 117.3 16.3 24.5#

153 93.7 10.4 15.6#



#49

Dimethylphthalate

Concen: 9.79 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

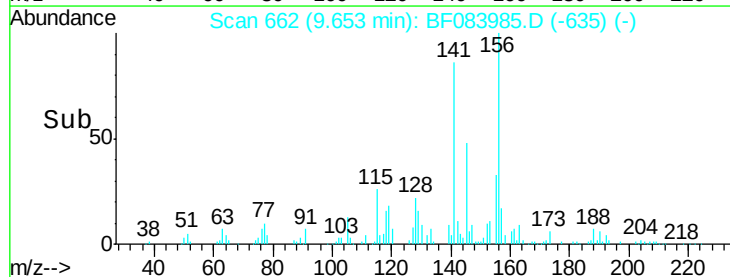
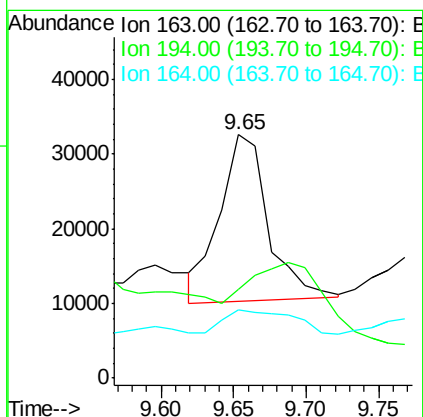
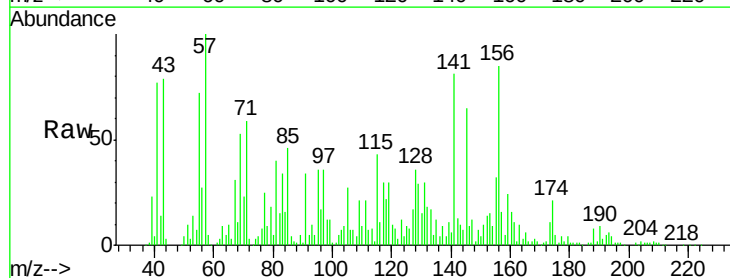
Tgt Ion:163 Resp: 52120

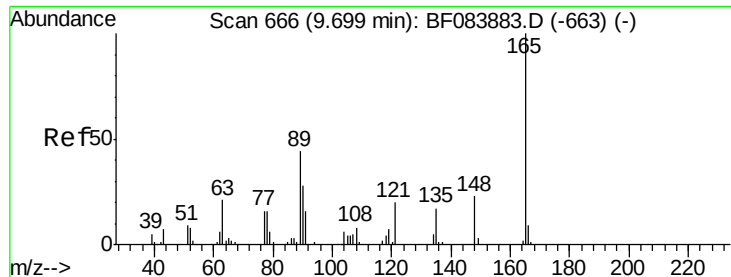
Ion Ratio Lower Upper

163 100

194 36.2 8.0 12.0#

164 27.9 8.0 12.0#

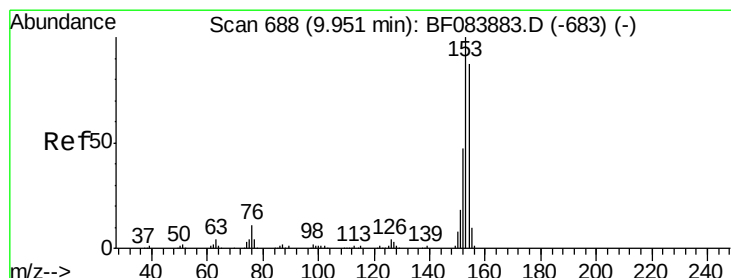
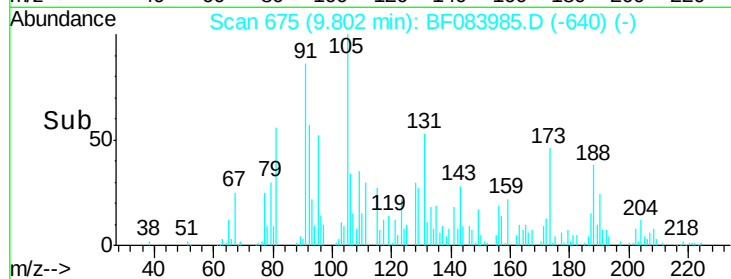
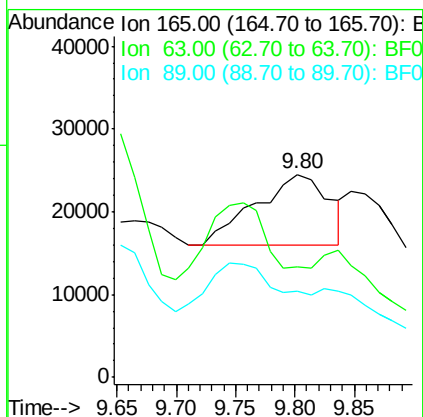
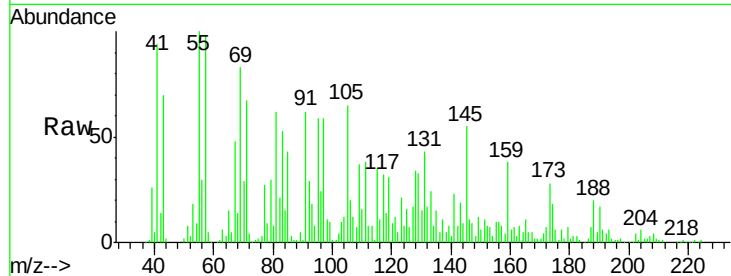




#50
 2,6-Dinitrotoluene
 Concen: 32.19 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.10 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

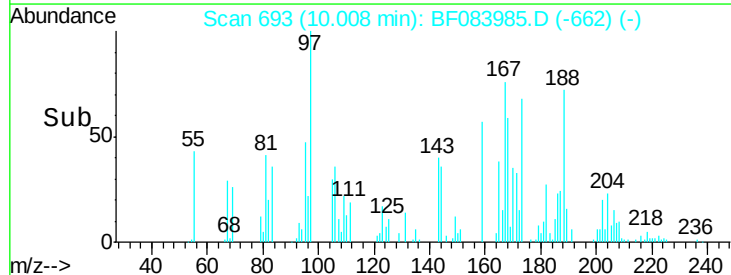
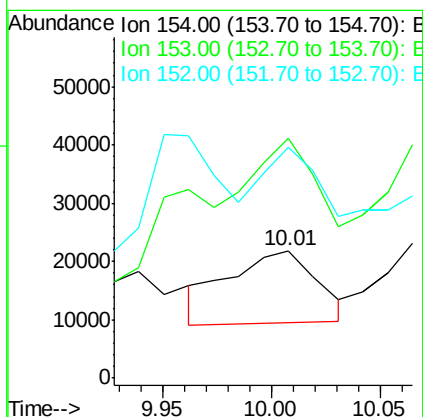
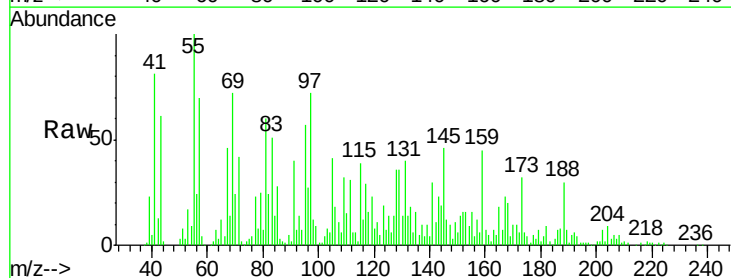
Instrument :
 BNA_F
 ClientSampleId :
 UST-9

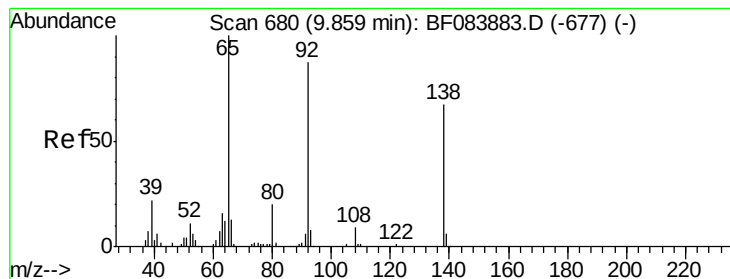
Tgt Ion:165 Resp: 37404
 Ion Ratio Lower Upper
 165 100
 63 54.2 28.8 43.2#
 89 42.4 35.1 52.7



#51
 Acenaphthene
 Concen: 7.77 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion:154 Resp: 35339
 Ion Ratio Lower Upper
 154 100
 153 188.6 91.5 137.3#
 152 181.8 43.0 64.6#





#52

3-Nitroaniline

Concen: 13.83 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

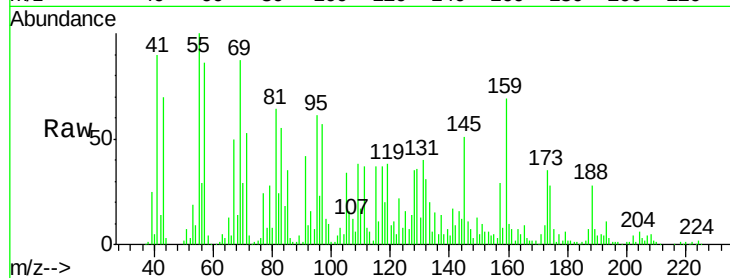
Tgt Ion:138 Resp: 16939

Ion Ratio Lower Upper

138 100

108 131.7 10.5 15.7#

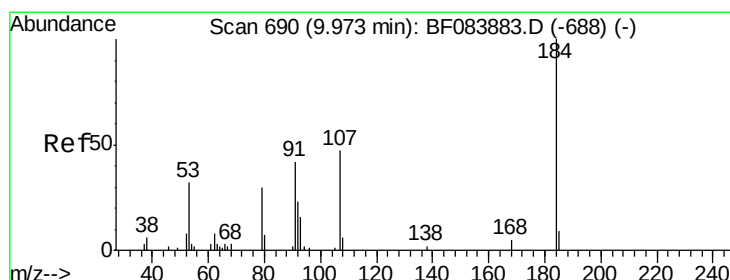
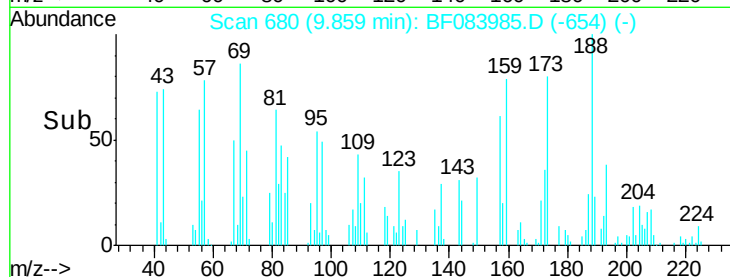
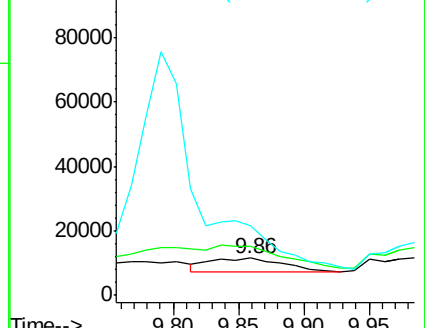
92 184.6 103.9 155.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 27.44 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

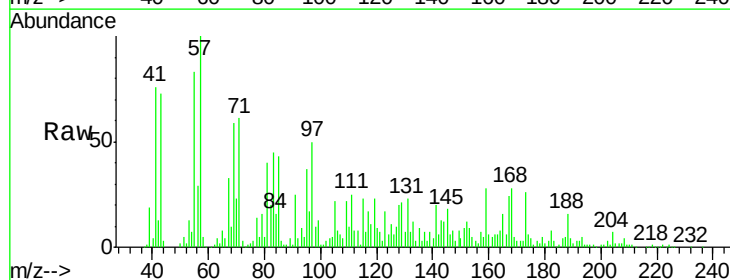
Tgt Ion:184 Resp: 8210

Ion Ratio Lower Upper

184 100

63 1128.3 43.1 64.7#

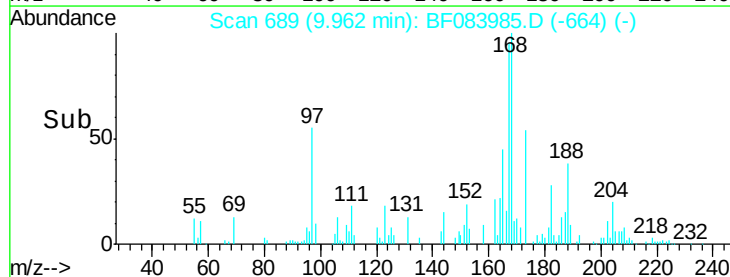
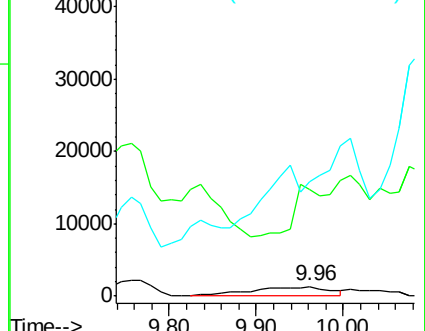
154 1208.2 60.5 90.7#

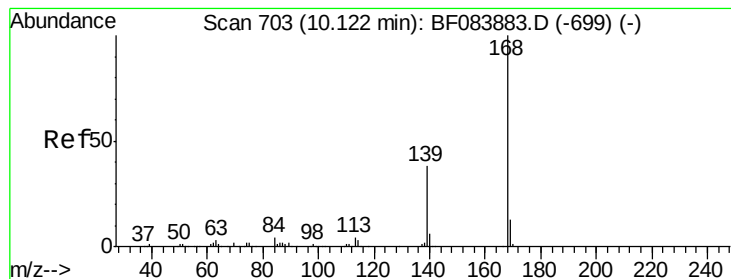


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 8.55 ng

RT: 10.18 min Scan# 708

Delta R.T. 0.06 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

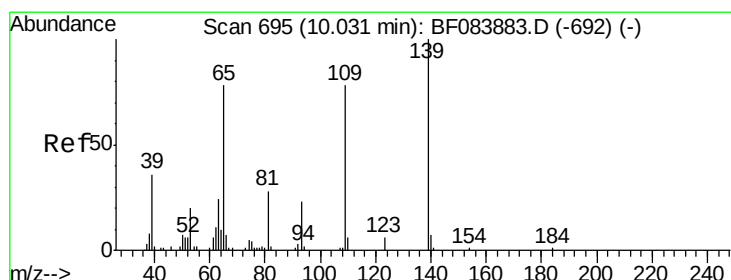
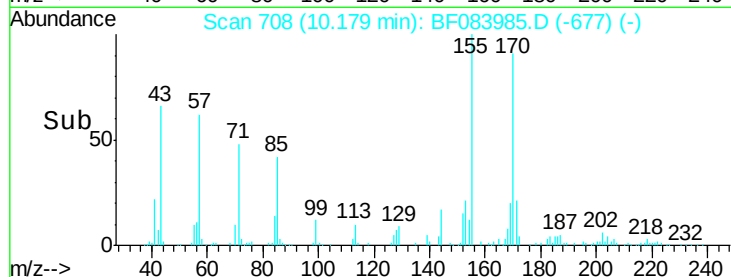
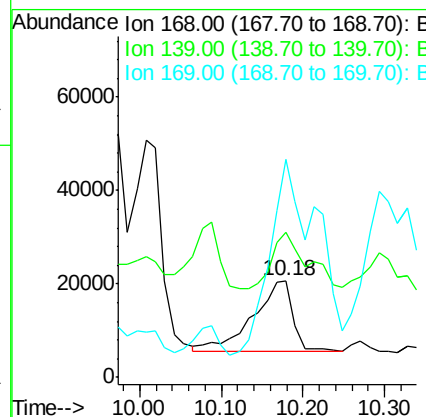
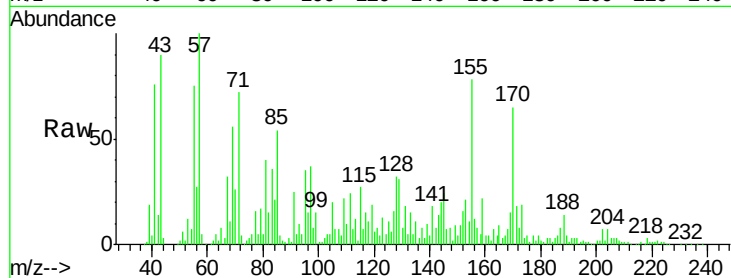
Tgt Ion:168 Resp: 50540

Ion Ratio Lower Upper

168 100

139 150.8 30.5 45.7#

169 226.3 10.4 15.6#



#55

4-Nitrophenol

Concen: 49.72 ng

RT: 10.09 min Scan# 700

Delta R.T. 0.06 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

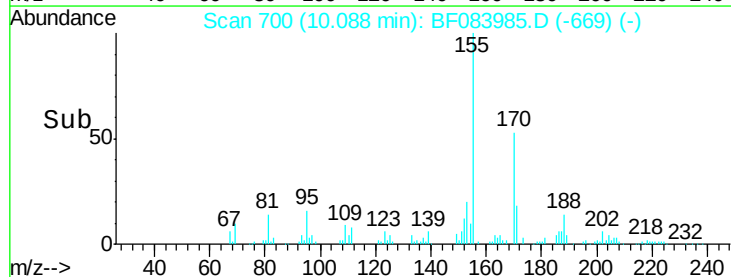
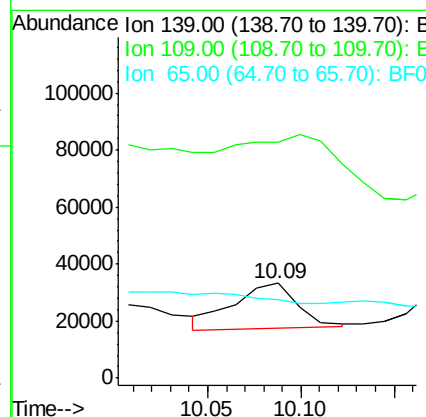
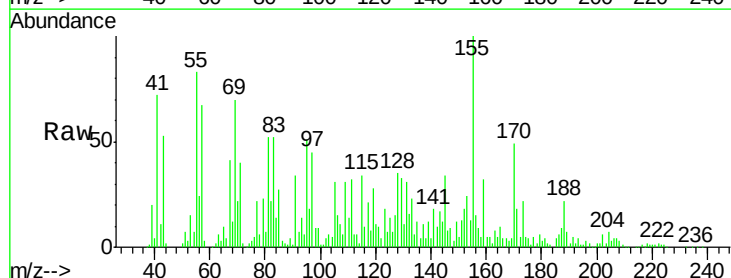
Tgt Ion:139 Resp: 38017

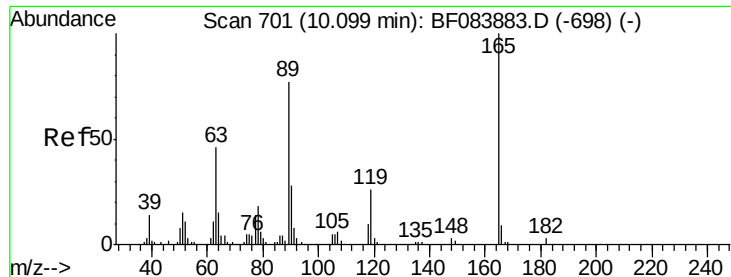
Ion Ratio Lower Upper

139 100

109 250.0 58.5 98.5#

65 82.6 57.6 97.6

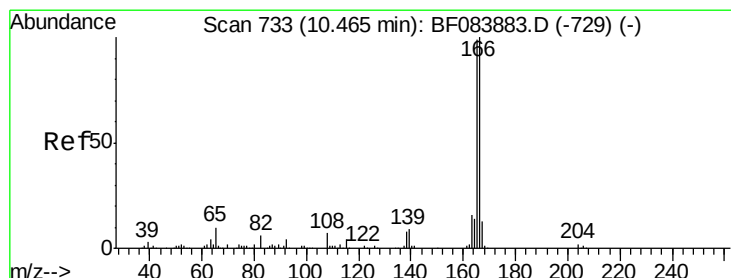
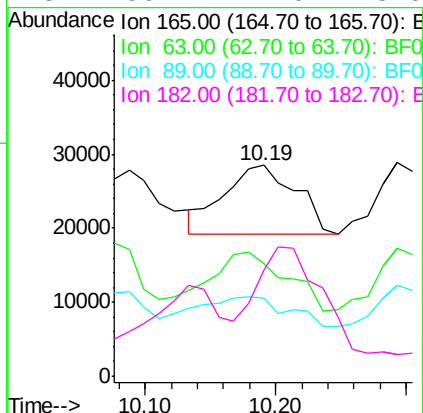
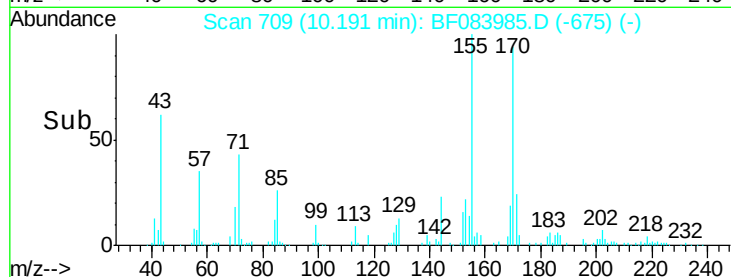
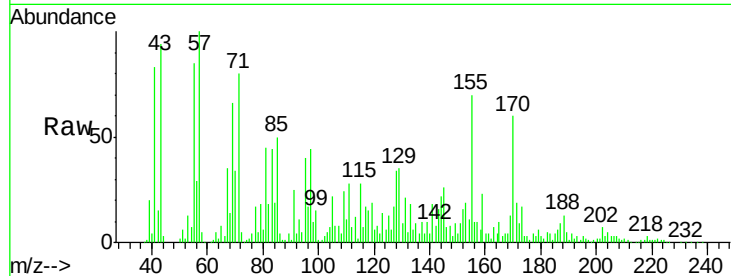




#56
2,4-Dinitrotoluene
Concen: 23.74 ng
RT: 10.19 min Scan# 709
Delta R.T. 0.09 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

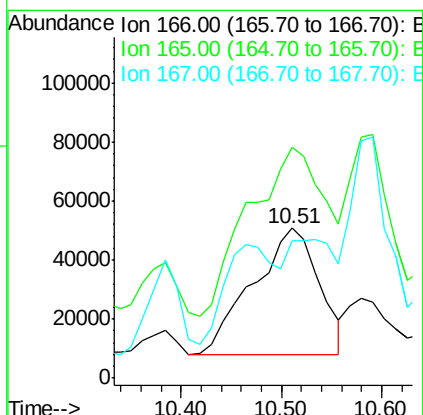
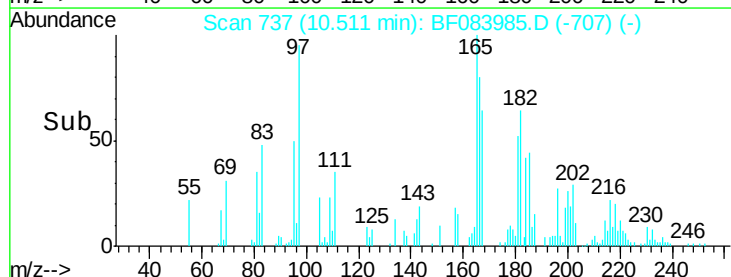
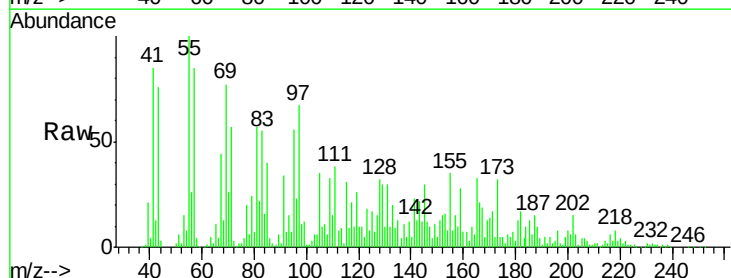
Instrument :
BNA_F
ClientSampleId :
UST-9

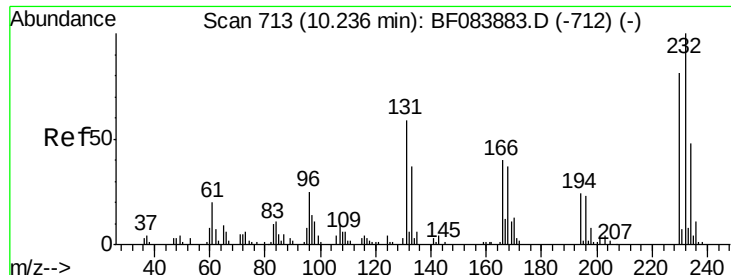
Tgt Ion:165 Resp: 35355
Ion Ratio Lower Upper
165 100
63 53.6 36.7 55.1
89 36.9 61.9 92.9#
182 50.4 2.0 3.0#



#57
Fluorene
Concen: 43.73 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.05 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion:166 Resp: 196943
Ion Ratio Lower Upper
166 100
165 153.9 79.1 118.7#
167 91.2 10.4 15.6#

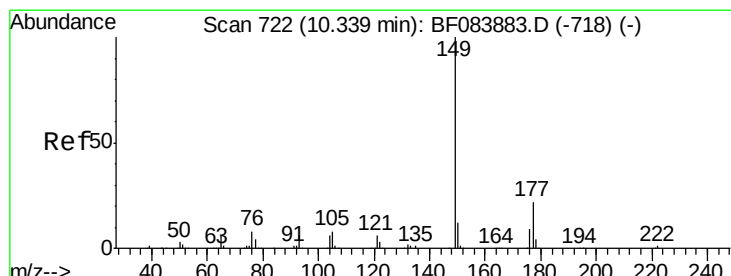
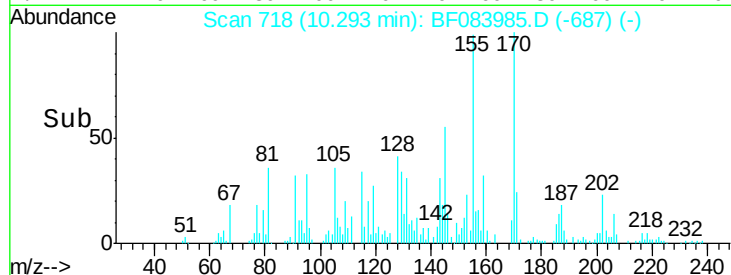
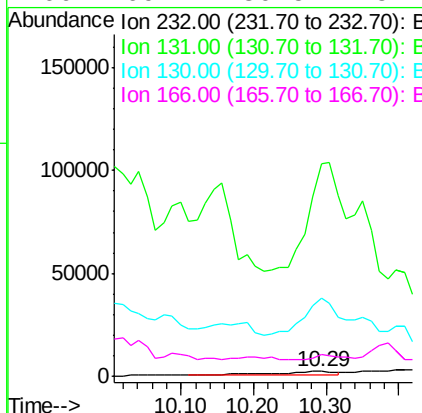
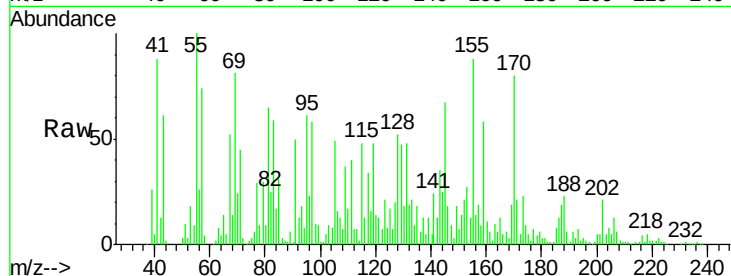




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 9.75 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

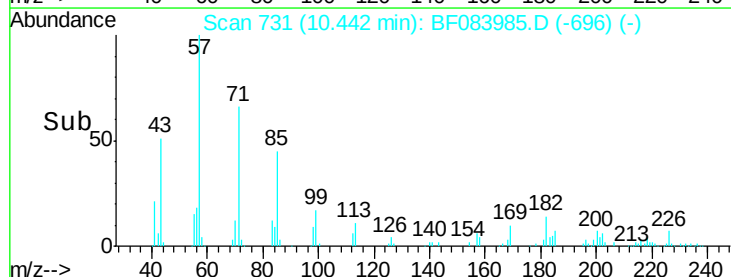
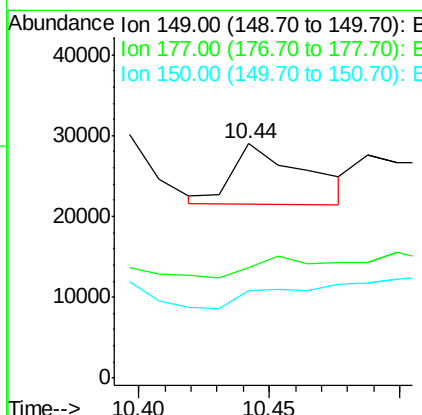
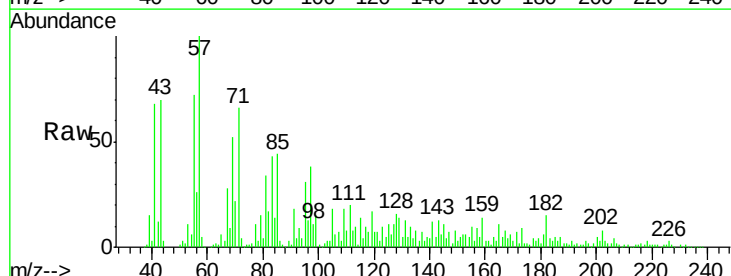
Instrument :
 BNA_F
 ClientSampleId :
 UST-9

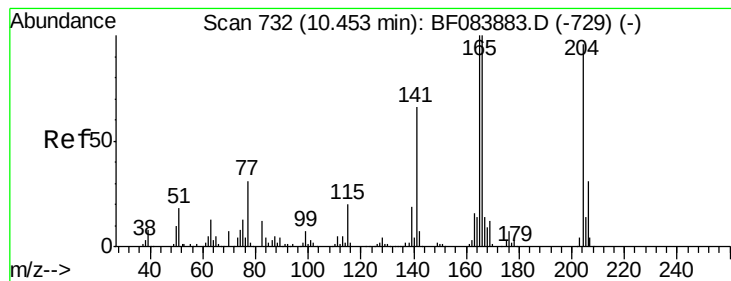
Tgt Ion: 232 Resp: 9435
 Ion Ratio Lower Upper
 232 100
 131 4172.8 47.0 70.6#
 130 559.6 2.0 3.0#
 166 69.7 30.5 45.7#



#59
 Diethylphthalate
 Concen: 2.62 ng
 RT: 10.44 min Scan# 731
 Delta R.T. 0.10 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion: 149 Resp: 14428
 Ion Ratio Lower Upper
 149 100
 177 47.1 17.3 25.9#
 150 37.5 9.8 14.8#





#60

4-Chlorophenyl-phenylether

Concen: 4.03 ng

RT: 10.45 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

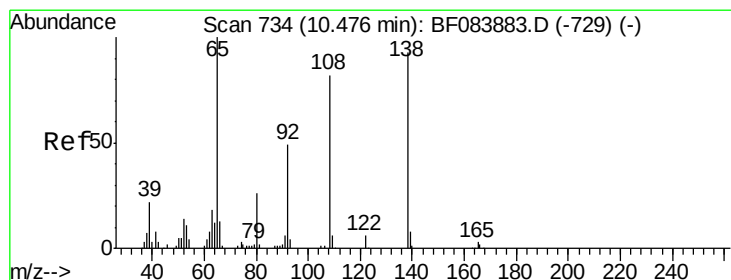
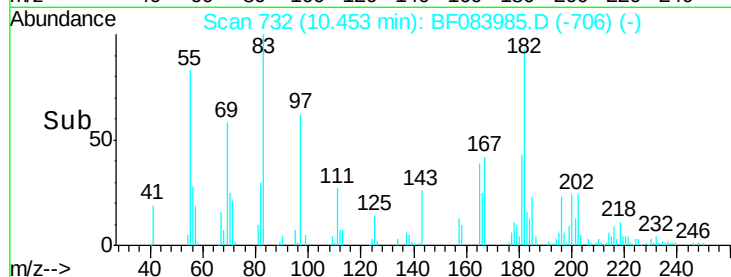
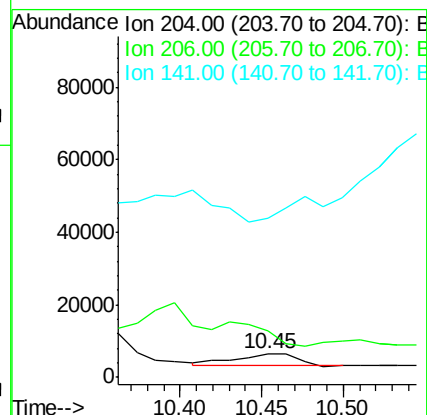
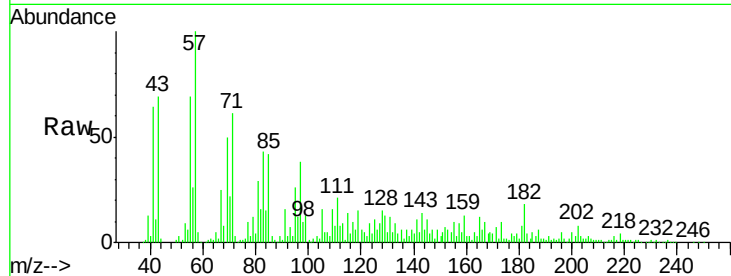
Tgt Ion:204 Resp: 9125

Ion Ratio Lower Upper

204 100

206 193.8 25.7 38.5#

141 670.6 55.1 82.7#



#61

4-Nitroaniline

Concen: 10.41 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.10 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

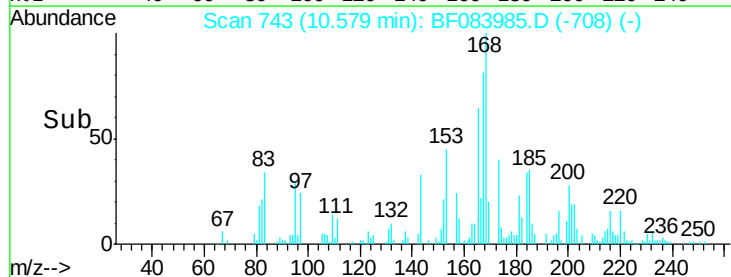
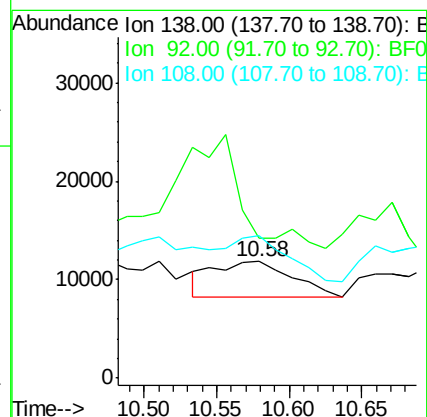
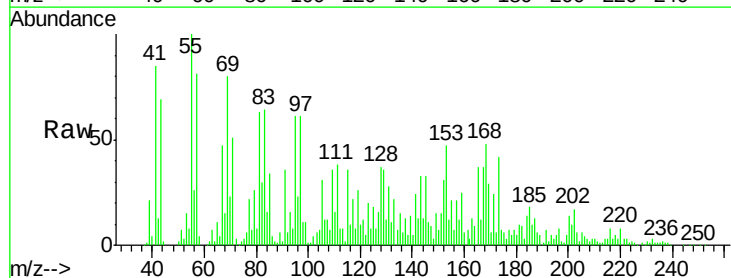
Tgt Ion:138 Resp: 13194

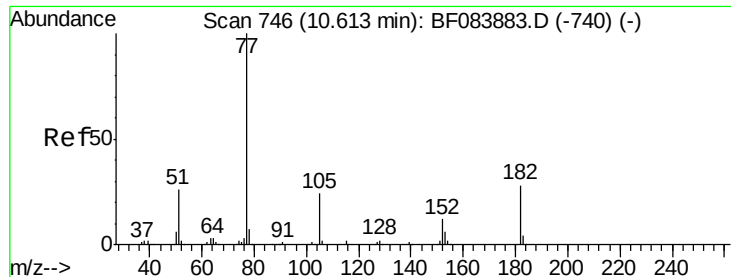
Ion Ratio Lower Upper

138 100

92 120.0 32.6 72.6#

108 121.7 68.6 108.6#





#62

Azobenzene

Concen: 19.82 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.05 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

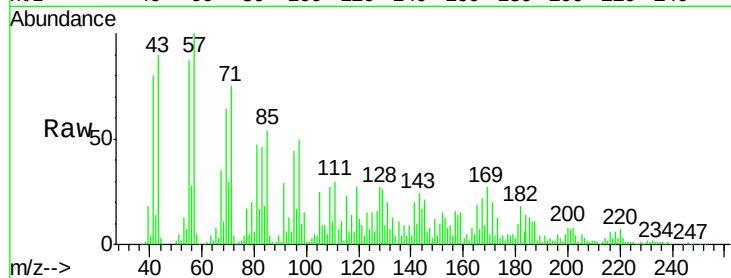
Instrument :

BNA_F

ClientSampleId :

UST-9

Tgt Ion:	77	Resp:	91490
Ion	Ratio	Lower	Upper
77	100		
182	102.6	8.3	48.3#
105	144.5	4.6	44.6#
51	29.4	6.2	46.2

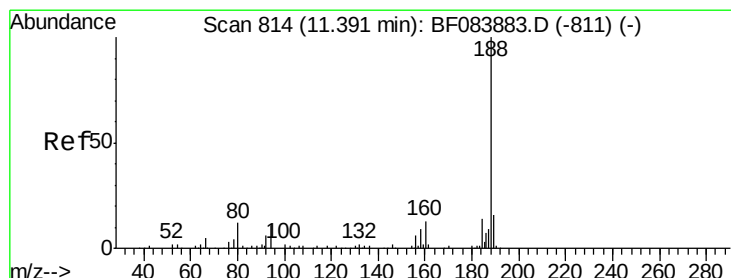
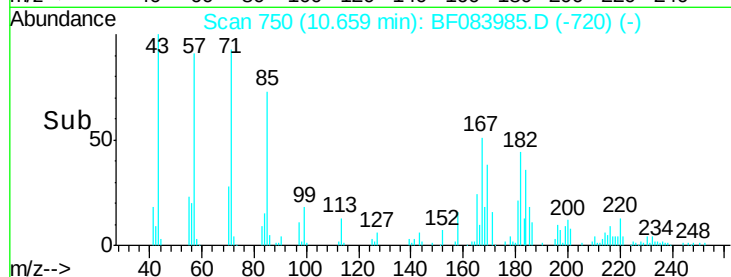
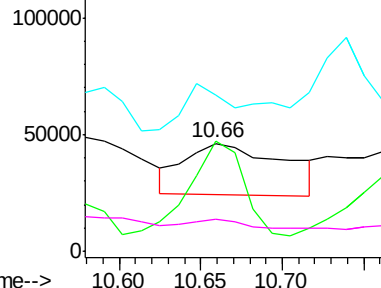


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

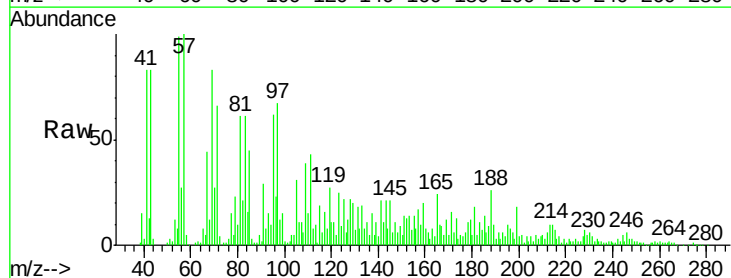
RT: 11.44 min Scan# 818

Delta R.T. 0.05 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

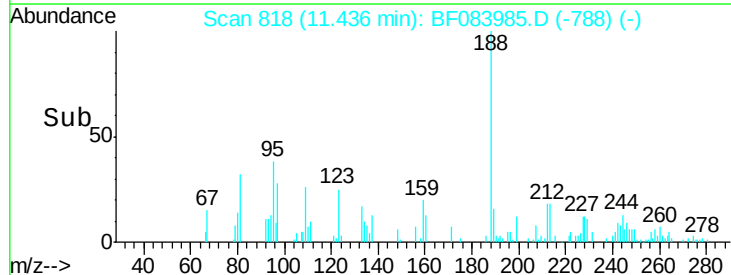
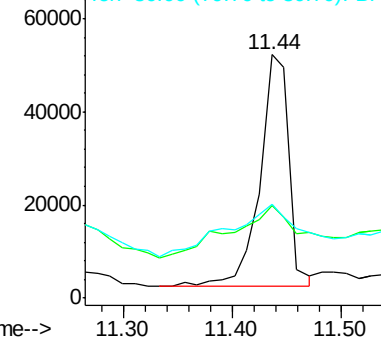
Tgt Ion:	188	Resp:	93701
Ion	Ratio	Lower	Upper
188	100		
94	38.0	9.0	13.4#
80	38.5	9.6	14.4#

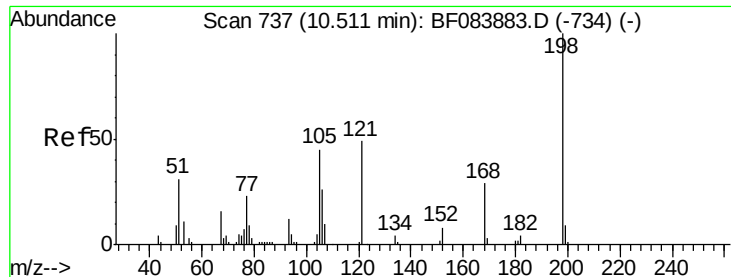


Abundance Ion 188.00 (187.70 to 188.70): E

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: 8.19 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

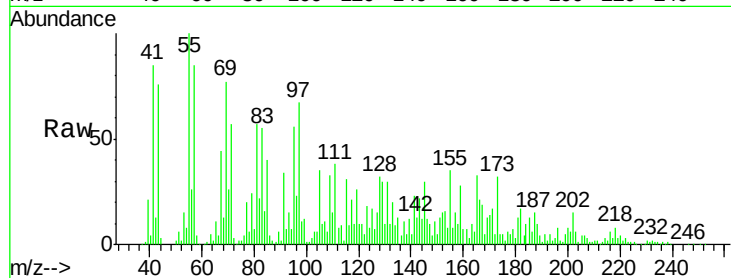
Tgt Ion:198 Resp: 2672

Ion Ratio Lower Upper

198 100

51 734.9 18.9 58.9#

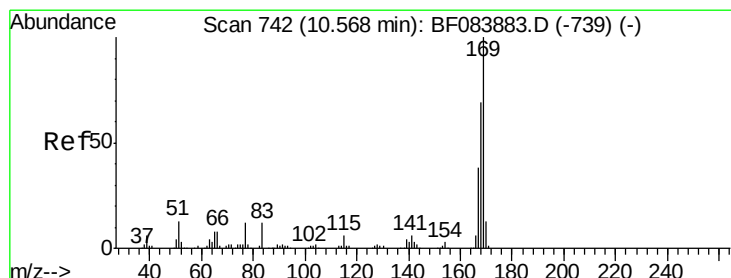
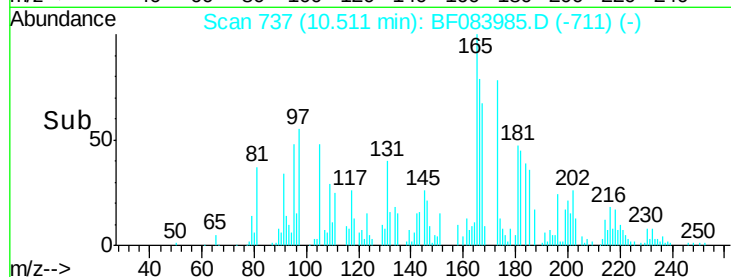
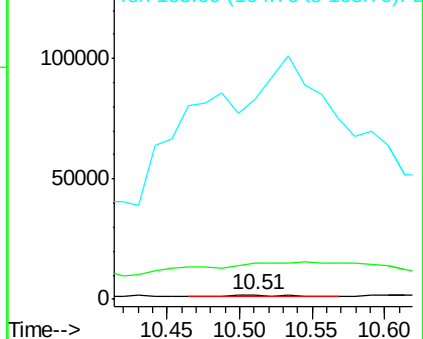
105 4111.7 26.4 66.4#



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: 96.77 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.07 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

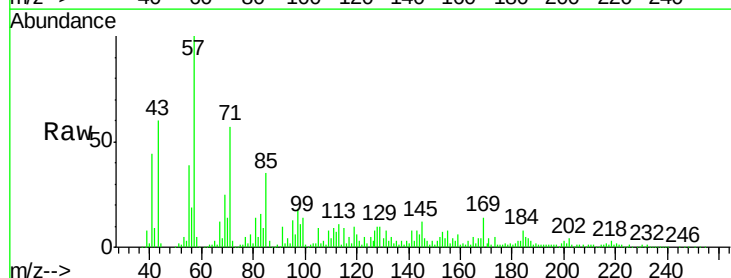
Tgt Ion:169 Resp: 329936

Ion Ratio Lower Upper

169 100

168 31.2 55.1 82.7#

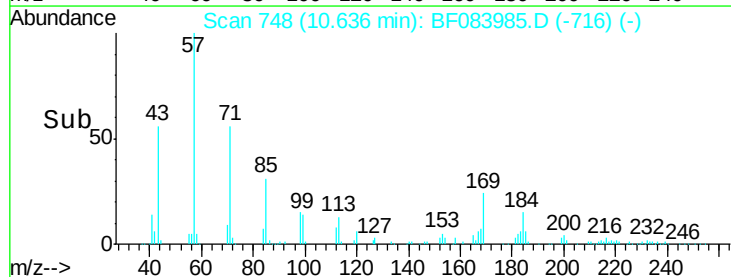
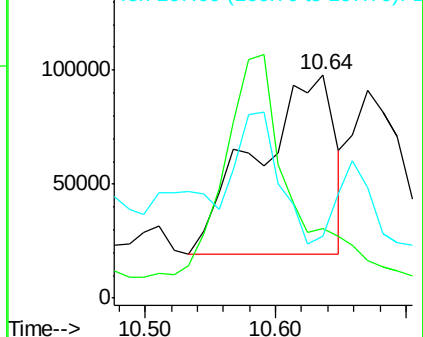
167 27.6 30.0 45.0#

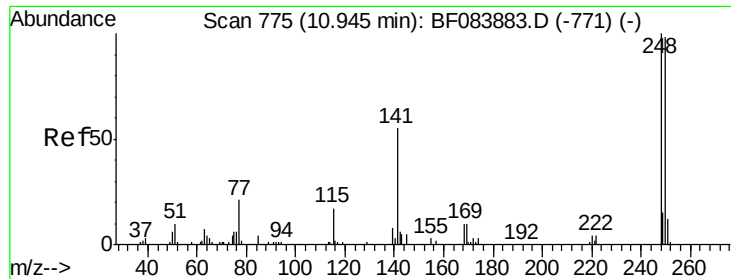


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

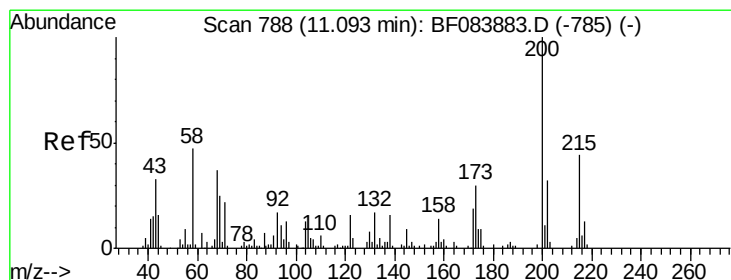
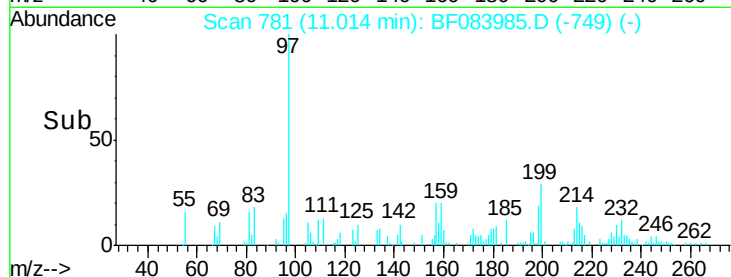
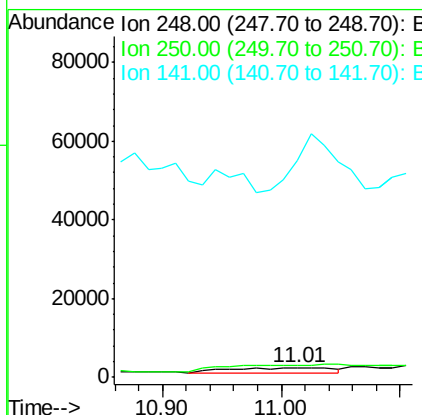
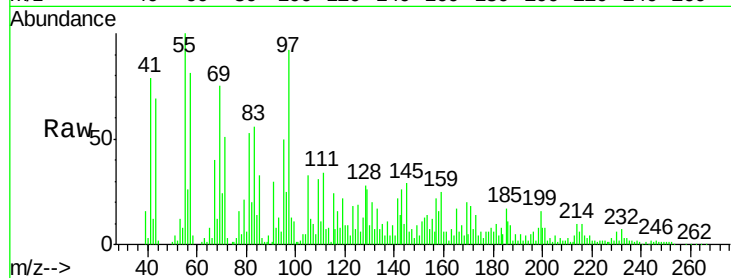




#66
4-Bromophenyl-phenylether
Concen: 6.48 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.07 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

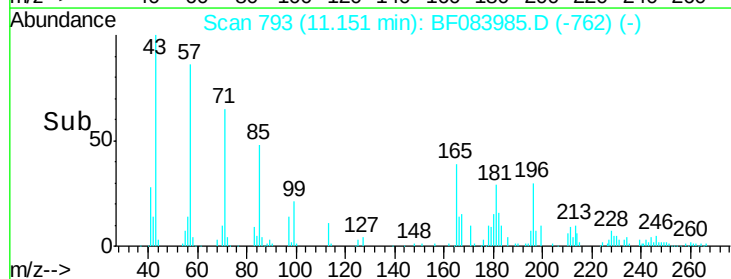
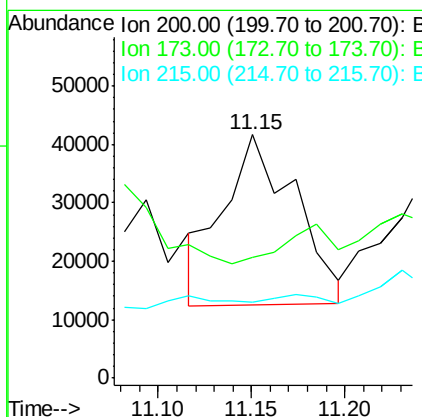
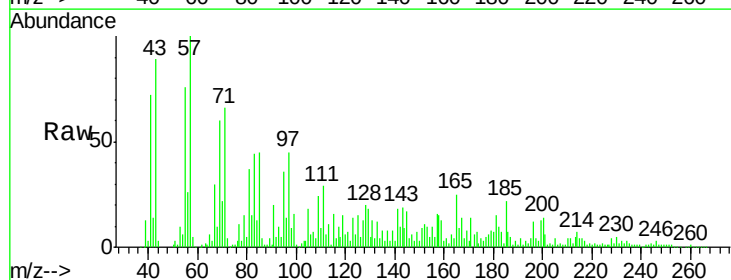
Instrument :
BNA_F
ClientSampleId :
UST-9

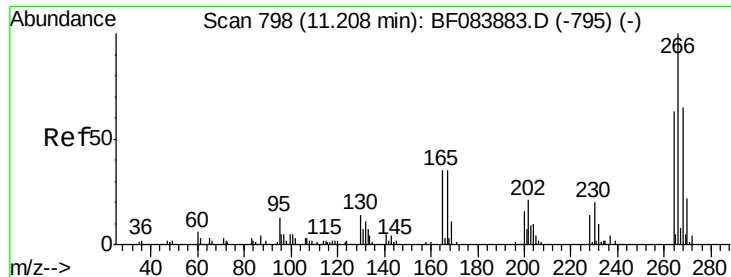
Tgt Ion: 248 Resp: 7426
Ion Ratio Lower Upper
248 100
250 121.6 78.4 117.6#
141 2268.5 44.0 66.0#



#68
Atrazine
Concen: 72.37 ng
RT: 11.15 min Scan# 793
Delta R.T. 0.06 min
Lab File: BF083985.D
Acq: 20 Dec 2015 7:45

Tgt Ion: 200 Resp: 78174
Ion Ratio Lower Upper
200 100
173 49.4 9.5 49.5
215 31.3 23.8 63.8

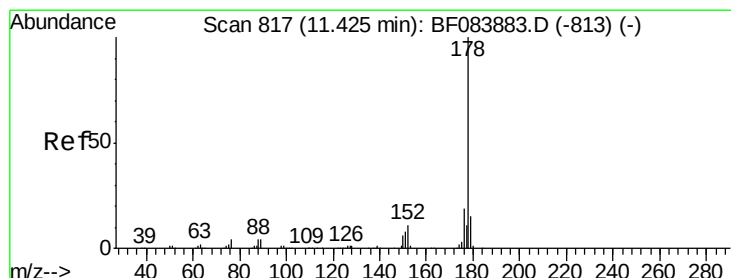
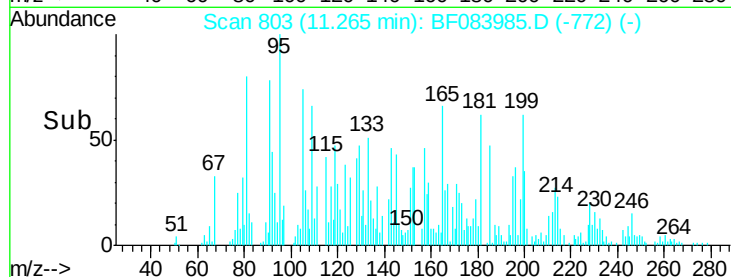
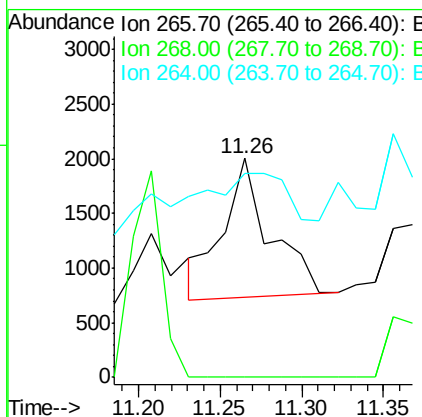
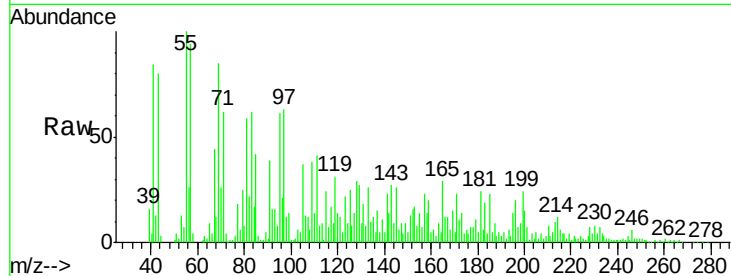




#69
 Pentachlorophenol
 Concen: 9.39 ng
 RT: 11.26 min Scan# 803
 Delta R.T. 0.06 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

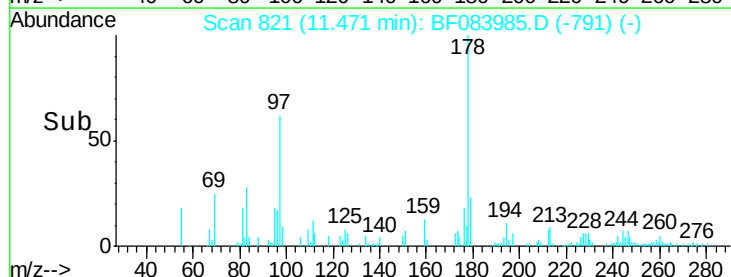
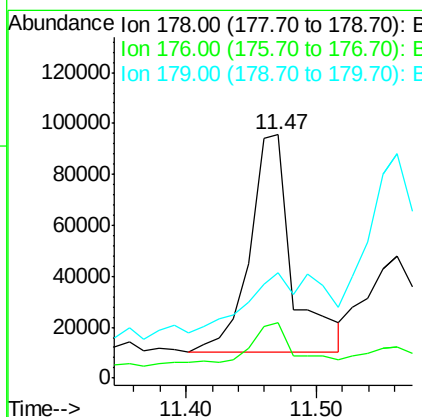
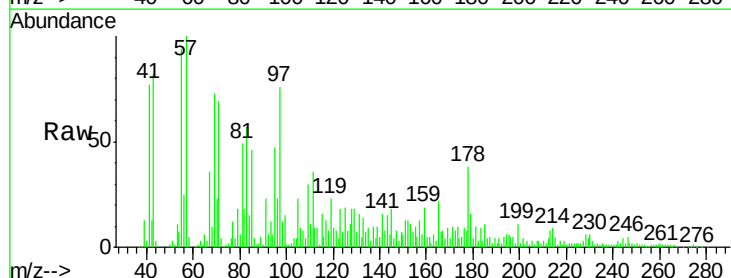
Instrument :
 BNA_F
 ClientSampled :
 UST-9

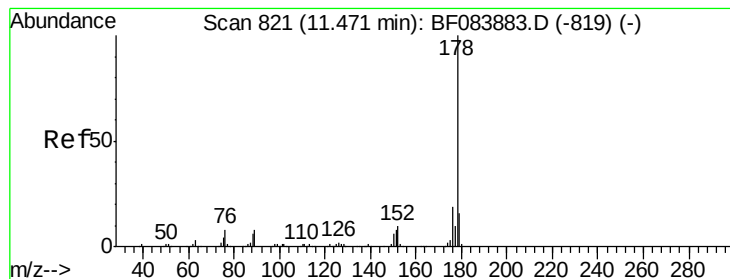
Tgt Ion: 266 Resp: 2543
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 93.3 50.2 75.2#



#70
 Phenanthrene
 Concen: 34.33 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.05 min
 Lab File: BF083985.D
 Acq: 20 Dec 2015 7:45

Tgt Ion: 178 Resp: 194334
 Ion Ratio Lower Upper
 178 100
 176 22.9 15.3 22.9
 179 43.5 12.0 18.0#





#71

Anthracene

Concen: 9.57 ng

RT: 11.56 min Scan# 829

Delta R.T. 0.09 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampled :

UST-9

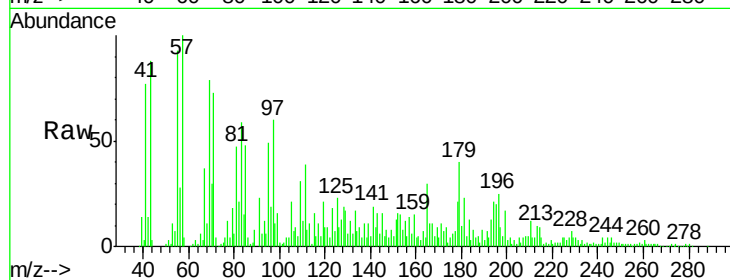
Tgt Ion:178 Resp: 52373

Ion Ratio Lower Upper

178 100

176 26.1 15.4 23.0#

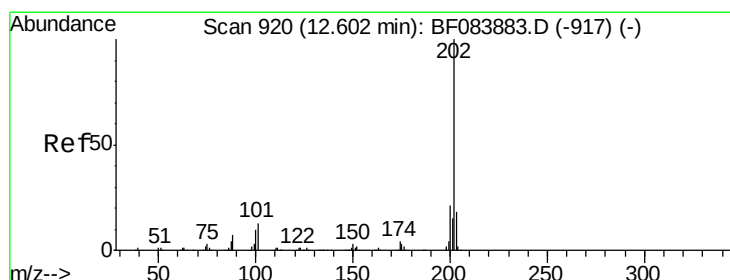
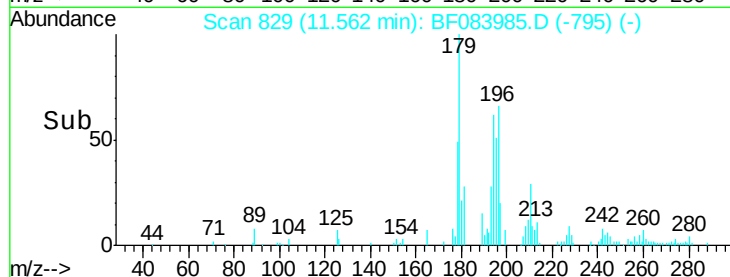
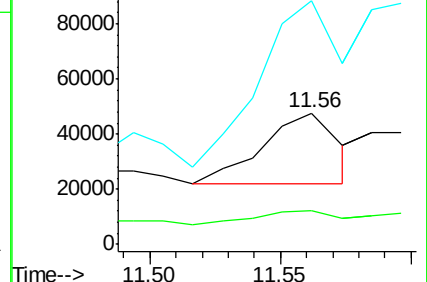
179 185.1 12.5 18.7#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 19.66 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.25 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

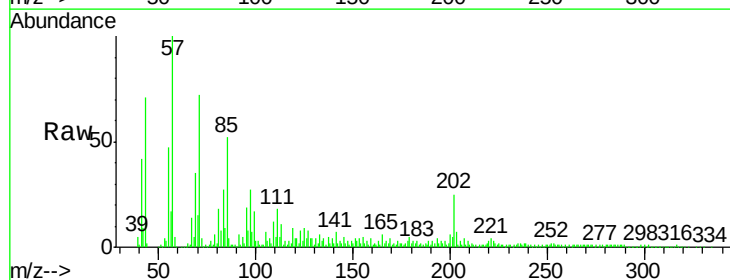
Tgt Ion:202 Resp: 111043

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.8

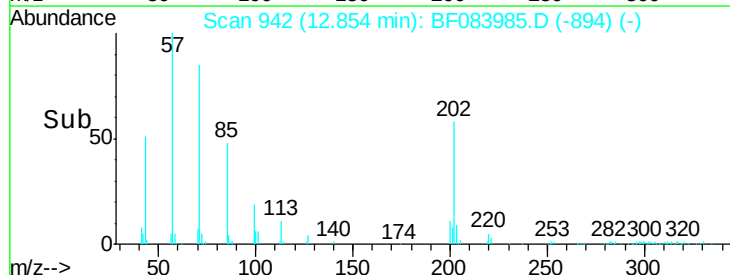
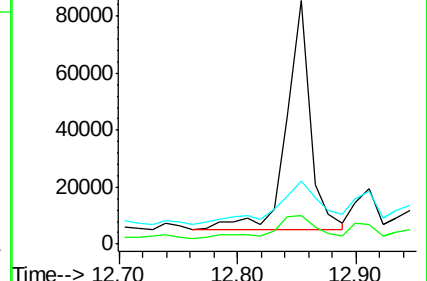
203 25.9 0.0 37.9

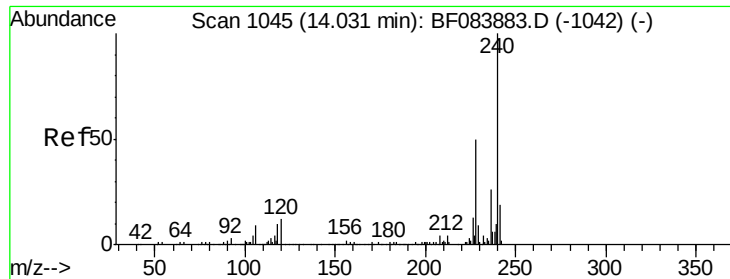


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

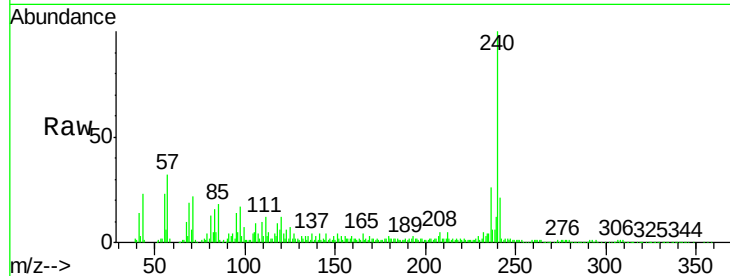
Tgt Ion:240 Resp: 124825

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

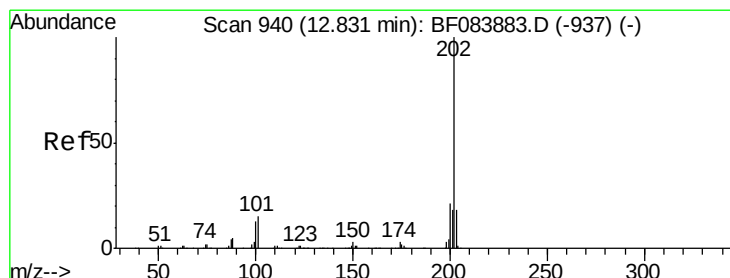
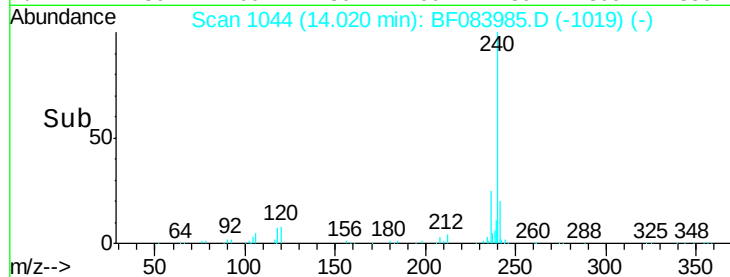
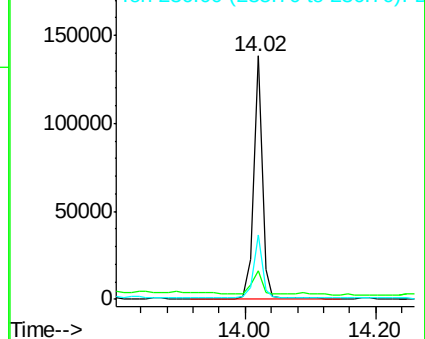
236 26.3 20.6 31.0



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



#77

Pyrene

Concen: 13.13 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.02 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

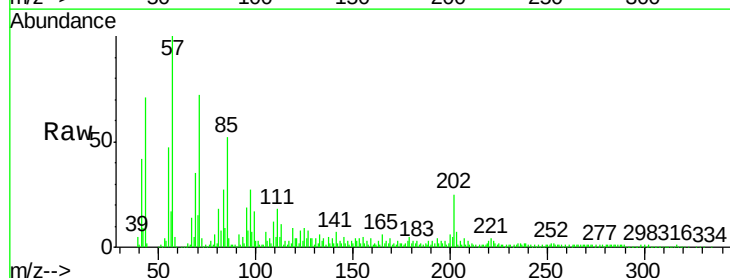
Tgt Ion:202 Resp: 111043

Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

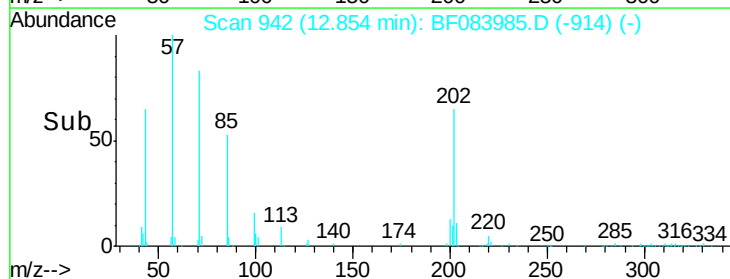
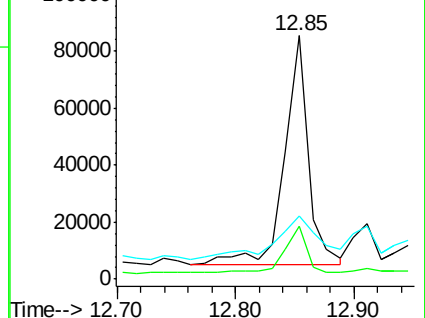
203 25.9 14.3 21.5#

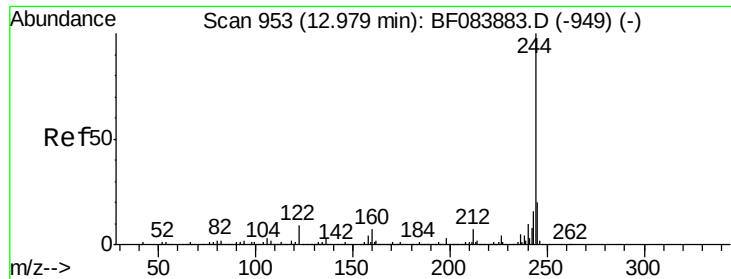


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 42.68 ng

RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

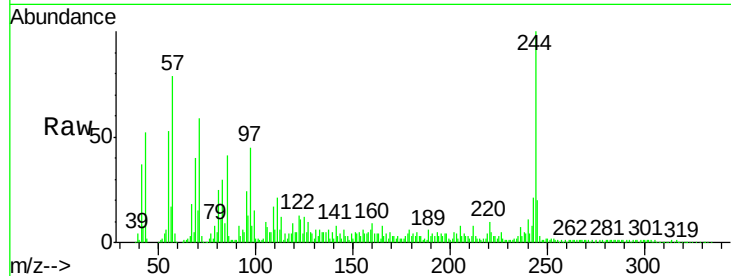
Tgt Ion:244 Resp: 244524

Ion Ratio Lower Upper

244 100

212 8.3 5.7 8.5

122 12.5 7.4 11.0#

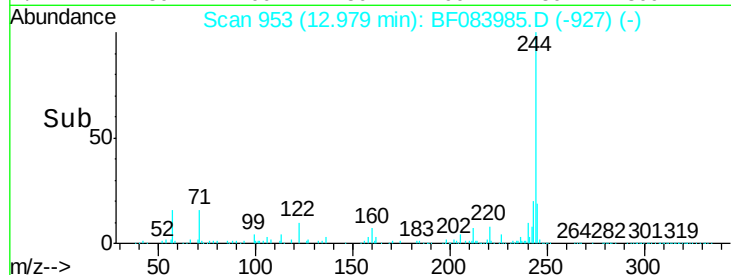


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



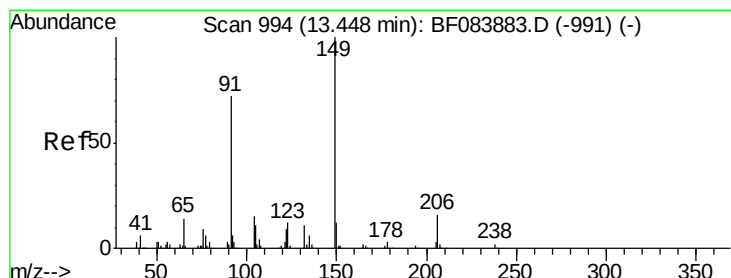
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#79

Butylbenzylphthalate

Concen: 2.15 ng

RT: 13.48 min Scan# 997

Delta R.T. 0.03 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

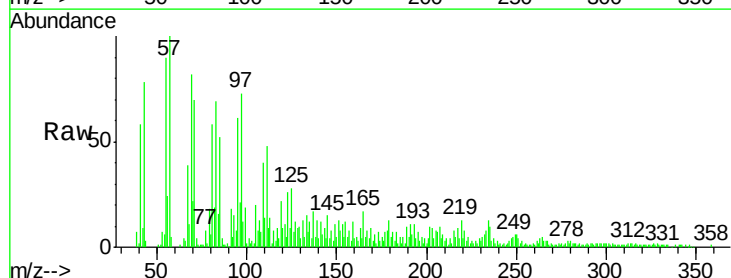
Tgt Ion:149 Resp: 8927

Ion Ratio Lower Upper

149 100

91 157.6 57.6 86.4#

206 62.0 13.2 19.8#

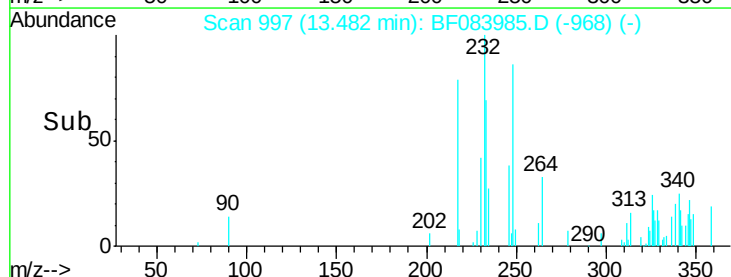


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

Time-->



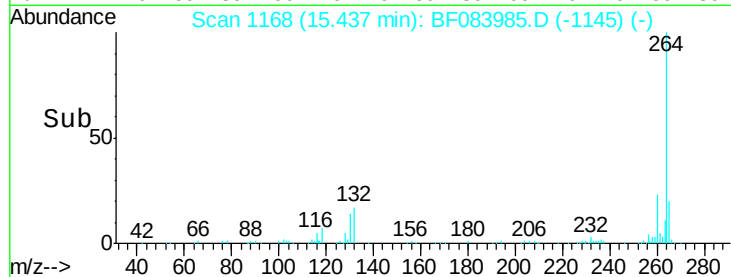
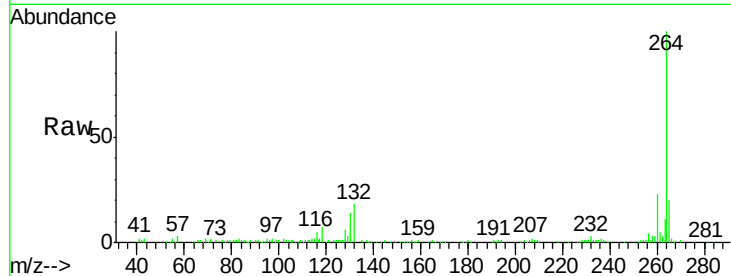
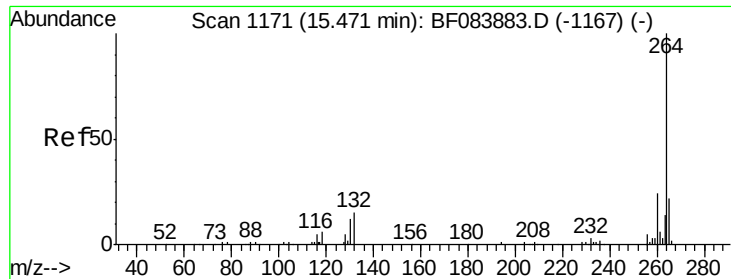
Abundance

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

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.03 min

Lab File: BF083985.D

Acq: 20 Dec 2015 7:45

Instrument :

BNA_F

ClientSampleId :

UST-9

Tgt Ion: 264 Resp: 121540

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 20.5 17.8 26.6

