

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
 Data File : BF086298.D
 Acq On : 18 Apr 2016 22:58
 Operator : UM/SJ
 Sample : H1942-06DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

Quant Time: Apr 19 02:31:58 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 19 01:01:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	268469	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	640972	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	226823	20.00	ng	0.02
63) Phenanthrene-d10	11.44	188	421226	20.00	ng	0.02
75) Chrysene-d12	14.04	240	463228	20.00	ng	-0.01
86) Perylene-d12	15.48	264	382682	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	1364370	83.27	ng	0.00
7) Phenol-d6	6.52	99	1917542	93.56	ng	0.00
23) Nitrobenzene-d5	7.46	82	1170038	105.29	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	96573	53.02	ng	0.02
44) 2-Fluorobiphenyl	9.26	172	1034644	84.17	ng	0.01
78) Terphenyl-d14	13.00	244	991916	53.84	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.05	79	40997	2.82	ng	# 44
18) Hexachloroethane	7.47	117	669522	94.73	ng	# 15
19) n-Nitroso-di-n-propylamine	7.32	70	70841	5.40	ng	# 66
22) Acetophenone	7.29	105	11921	Below Cal		# 1
24) Nitrobenzene	7.47	77	38154	3.14	ng	# 54
25) Isophorone	7.71	82	266477	12.08	ng	# 1
26) 2-Nitrophenol	7.81	139	26014	4.91	ng	# 1
27) 2,4-Dimethylphenol	7.84	122	33679	3.15	ng	# 1
28) bis(2-Chloroethoxy)methane	7.95	93	35149	2.71	ng	# 1
29) 2,4-Dichlorophenol	8.04	162	26755	3.29	ng	# 1
30) 1,2,4-Trichlorobenzene	8.08	180	17683	2.08	ng	# 57
31) Naphthalene	8.18	128	212405	7.42	ng	# 1
32) Benzoic acid	7.97	122	34815	5.09	ng	# 10
33) 4-Chloroaniline	8.24	127	49868	3.90	ng	# 1
35) Caprolactam	8.62	113	219826	74.65	ng	# 1
36) 4-Chloro-3-methylphenol	8.72	107	63904	6.78	ng	# 35
37) 2-Methylnaphthalene	8.91	142	1185192	64.04	ng	# 98
42) 2,4,6-Trichlorophenol	9.18	196	26557	5.94	ng	# 12
43) 2,4,5-Trichlorophenol	9.18	196	26557	6.15	ng	# 1
47) 2-Nitroaniline	9.50	65	20879	4.83	ng	# 1
48) Acenaphthylene	9.81	152	120321	5.67	ng	# 1
49) Dimethylphthalate	9.66	163	166924	10.12	ng	# 75
50) 2,6-Dinitrotoluene	9.76	165	75830	20.78	ng	# 78
51) Acenaphthene	9.98	154	171885	13.56	ng	# 73
52) 3-Nitroaniline	9.90	138	41744	9.41	ng	# 20
53) 2,4-Dinitrophenol	10.00	184	2917	6.35	ng	# 1
54) Dibenzofuran	10.16	168	166255	9.93	ng	# 1
55) 4-Nitrophenol	10.06	139	141972	40.93	ng	# 51
56) 2,4-Dinitrotoluene	10.16	165	90648	19.40	ng	# 44
57) Fluorene	10.50	166	309218	25.43	ng	# 88
60) 4-Chlorophenyl-phenylether	10.51	204	4186	Below Cal		# 1
61) 4-Nitroaniline	10.41	138	26553	6.93	ng	# 87
62) Azobenzene	10.65	77	71836	4.31	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.57	198	5058	2.52	ng	# 1

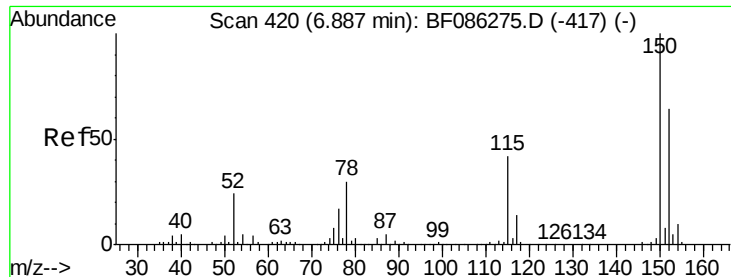
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041816\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) n-Nitrosodiphenylamine	10.59	169	720875	55.88	ng	# 72
69) Pentachlorophenol	11.28	266	5124	2.05	ng	# 46
70) Phenanthrene	11.46	178	835841	41.54	ng	# 95
71) Anthracene	11.50	178	92253	2.93	ng	# 79
77) Pyrene	12.85	202	167222	4.71	ng	# 90
87) Benzo(b)fluoranthene	15.07	252	69705	2.95	ng	# 69
88) Benzo(k)fluoranthene	15.07	252	69705	3.24	ng	# 68

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

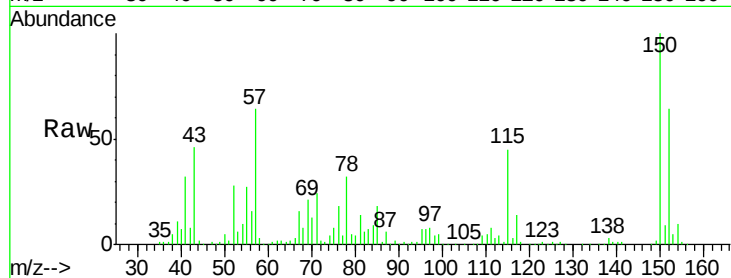
Tgt Ion:152 Resp: 268469

Ion Ratio Lower Upper

152 100

150 155.8 124.1 186.1

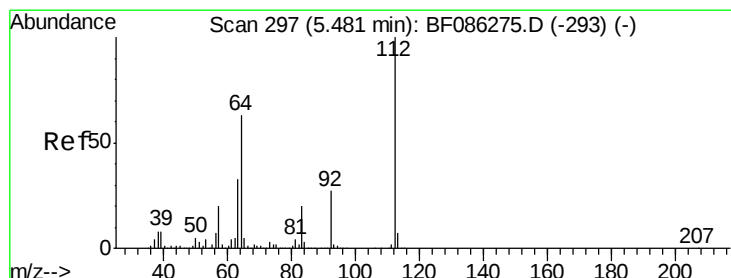
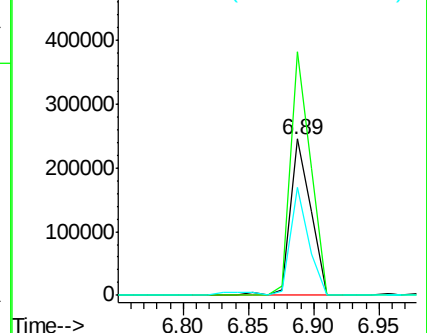
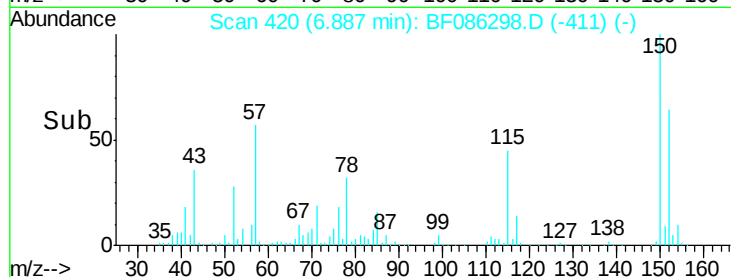
115 69.4 43.9 65.9#



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



#5

2-Fluorophenol

Concen: 83.27 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

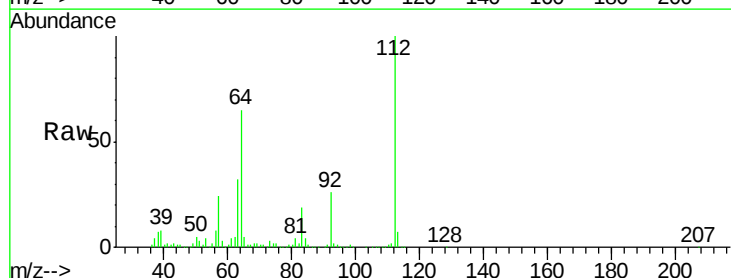
Tgt Ion:112 Resp: 1364370

Ion Ratio Lower Upper

112 100

64 64.7 48.1 72.1

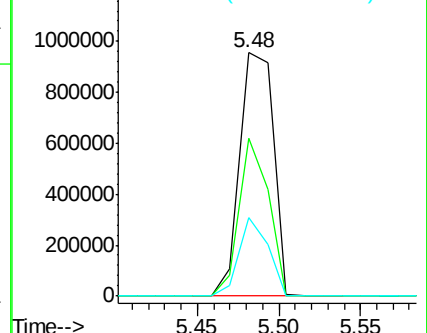
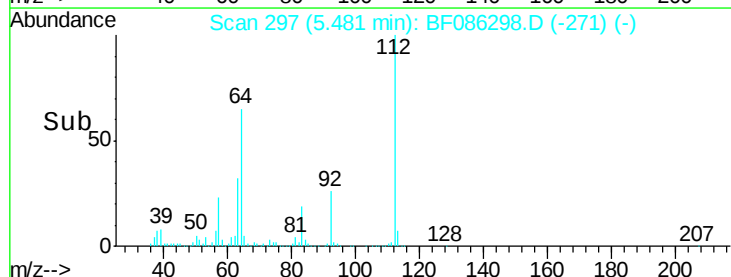
63 32.3 25.5 38.3

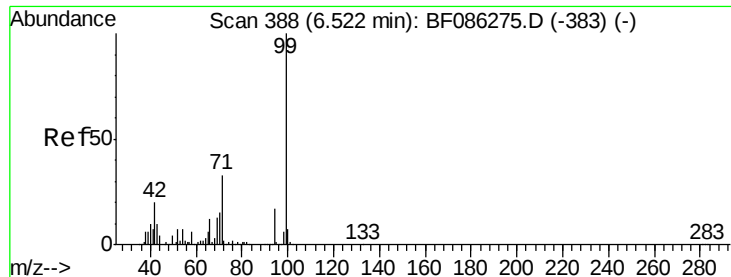


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.56 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF086298.D

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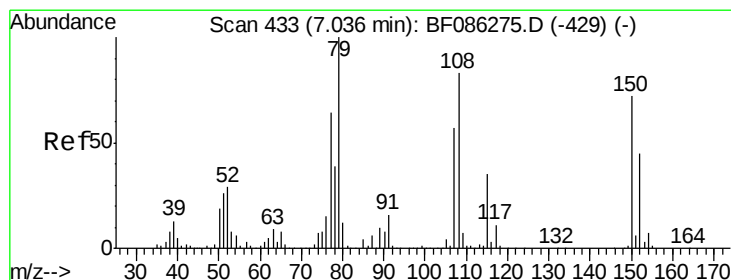
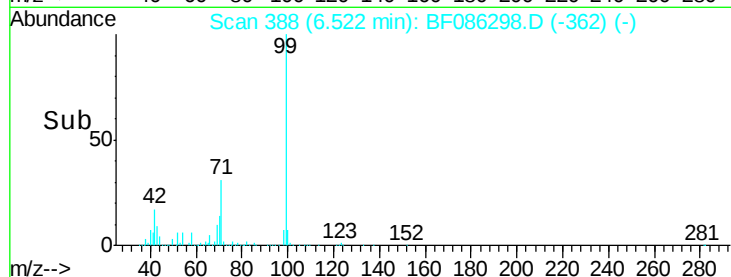
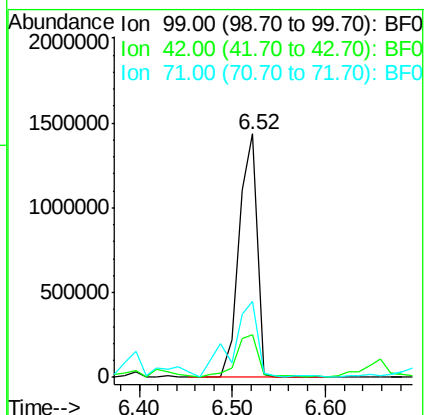
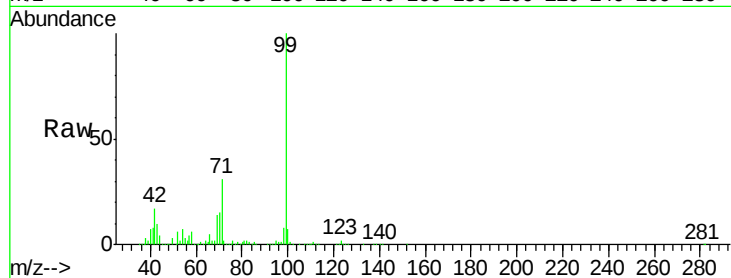
Tgt Ion: 99 Resp: 1917542

Ion Ratio Lower Upper

99 100

42 17.4 15.4 23.2

71 31.3 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.82 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

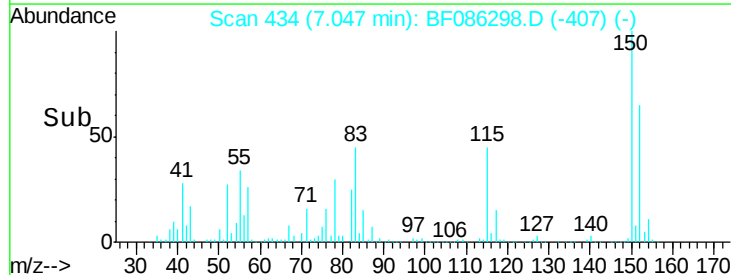
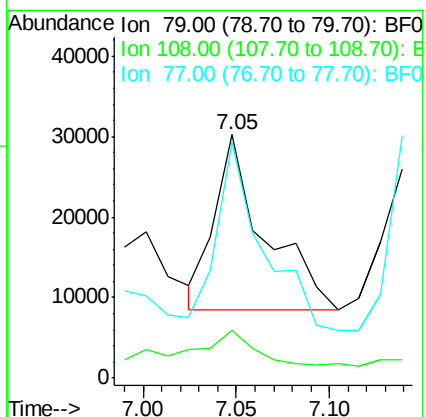
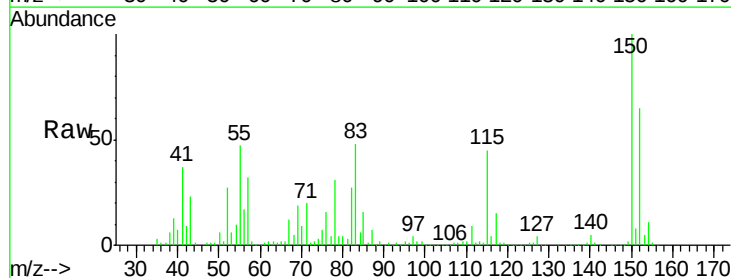
Tgt Ion: 79 Resp: 40997

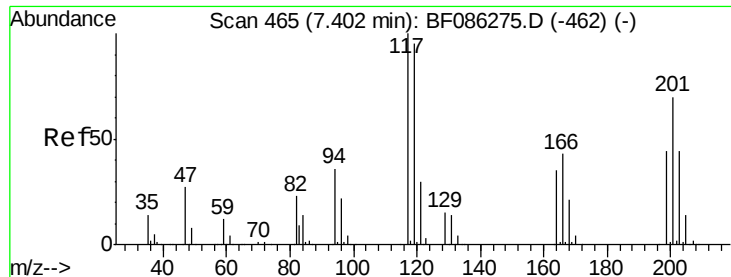
Ion Ratio Lower Upper

79 100

108 19.7 64.8 97.2#

77 96.9 51.9 77.9#

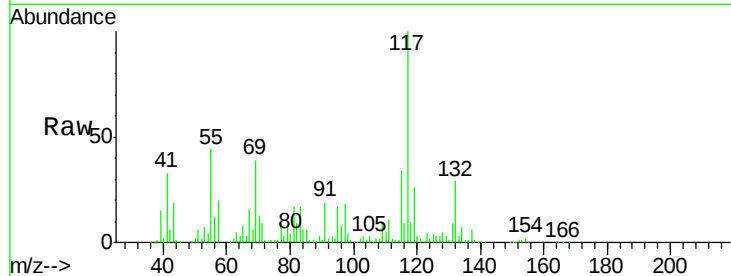




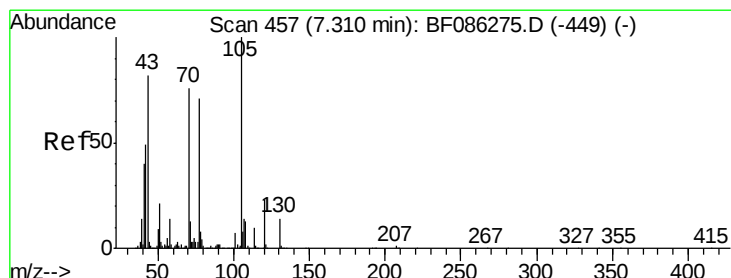
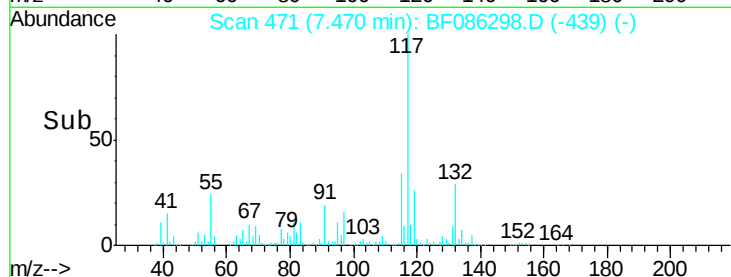
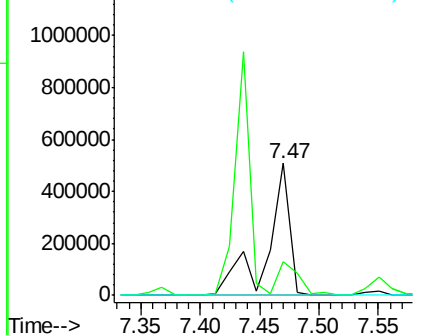
#18
Hexachloroethane
Concen: 94.73 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.07 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

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Tgt Ion:117 Resp: 669522
Ion Ratio Lower Upper
117 100
119 26.0 78.2 117.4#
201 0.0 75.7 113.5#

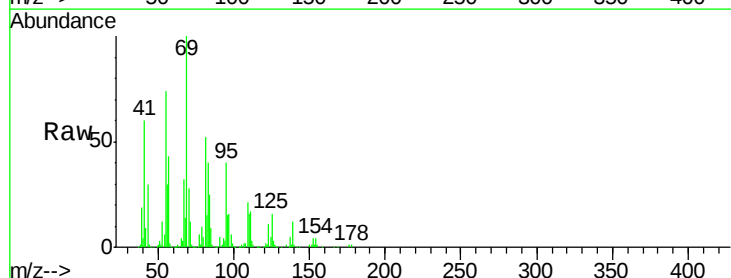


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

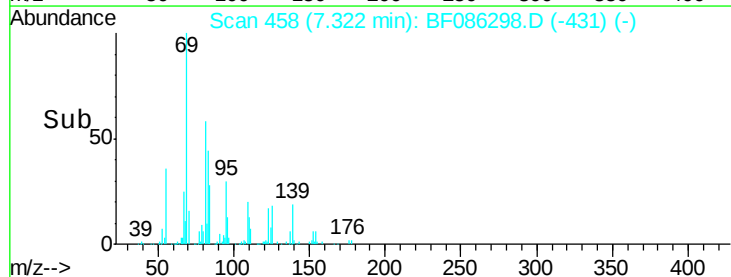
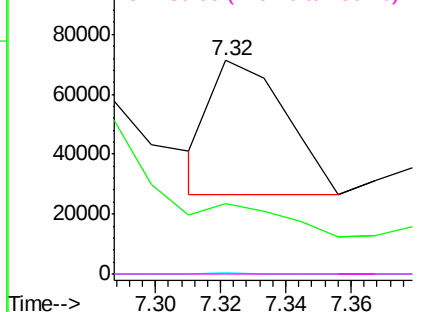


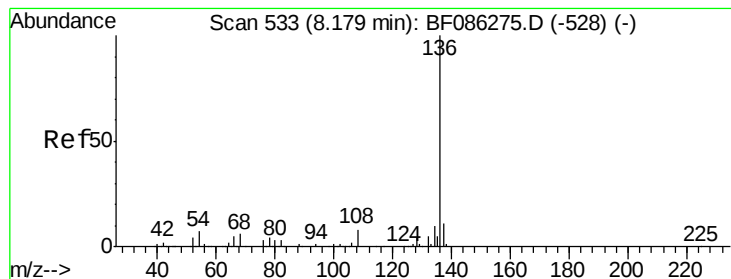
#19
n-Nitroso-di-n-propylamine
Concen: 5.40 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion: 70 Resp: 70841
Ion Ratio Lower Upper
70 100
42 33.2 43.0 64.4#
101 0.6 8.1 12.1#
130 0.0 20.1 30.1#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

Tgt Ion:136 Resp: 640972

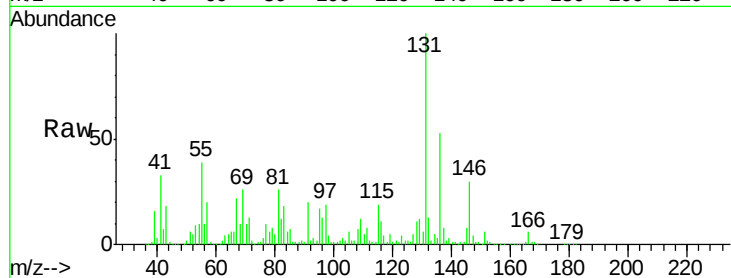
Ion Ratio Lower Upper

136 100

137 15.3 9.1 13.7#

54 18.9 7.3 10.9#

68 18.7 5.7 8.5#

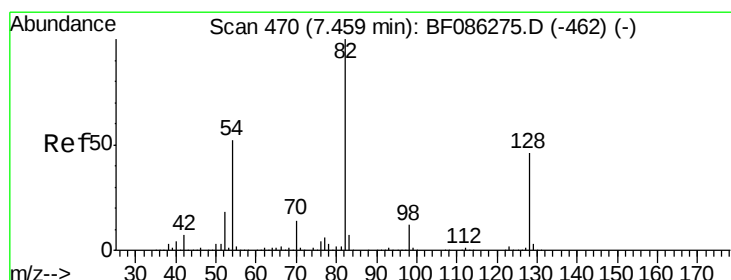
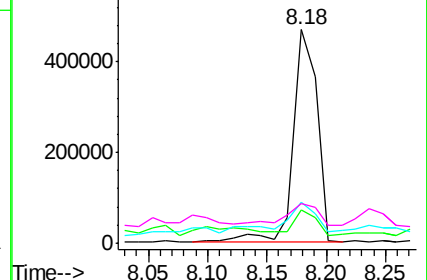
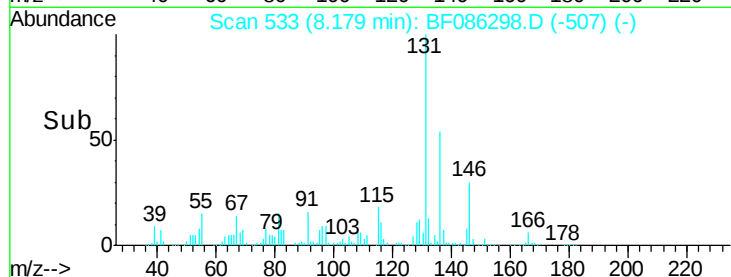


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 105.29 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

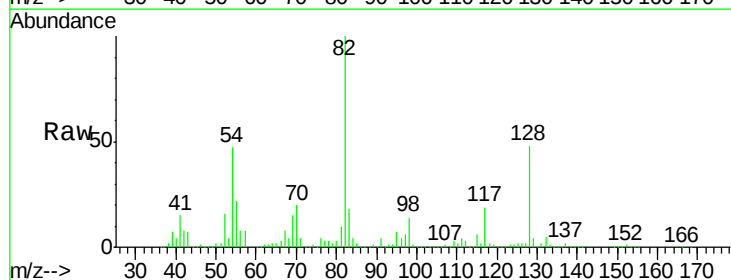
Tgt Ion: 82 Resp: 1170038

Ion Ratio Lower Upper

82 100

128 48.2 35.4 53.2

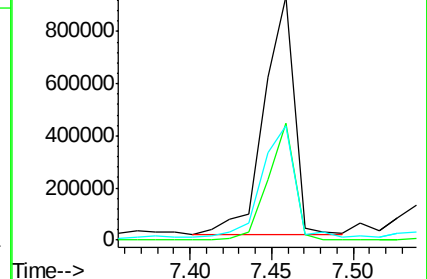
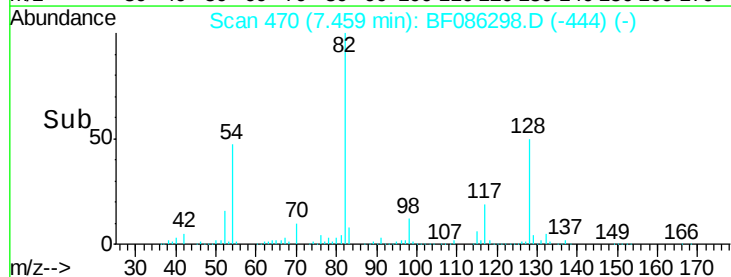
54 46.8 43.4 65.0

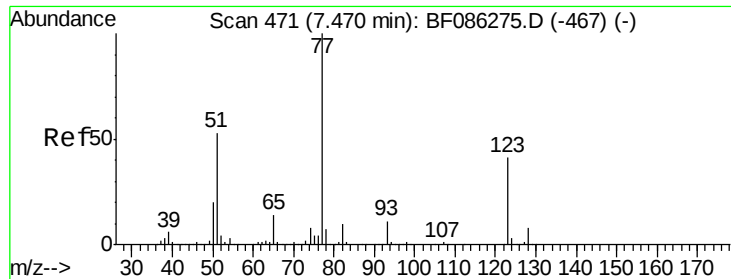


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

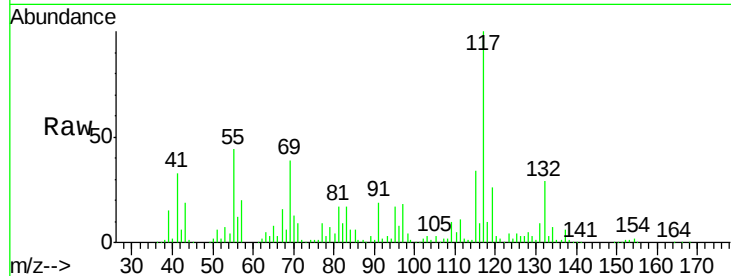




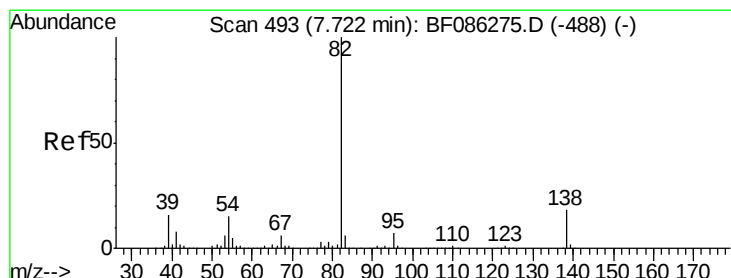
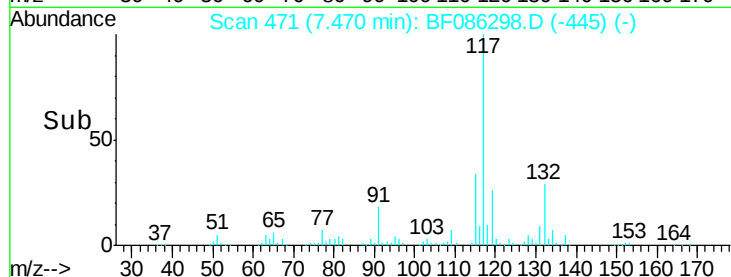
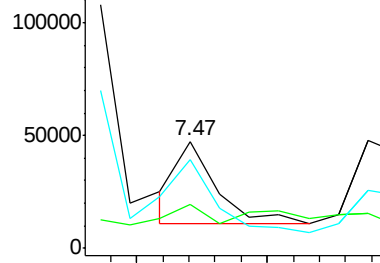
#24
Nitrobenzene
Concen: 3.14 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF086298.D
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Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	38.3	57.5
65	83.1	11.3	16.9#

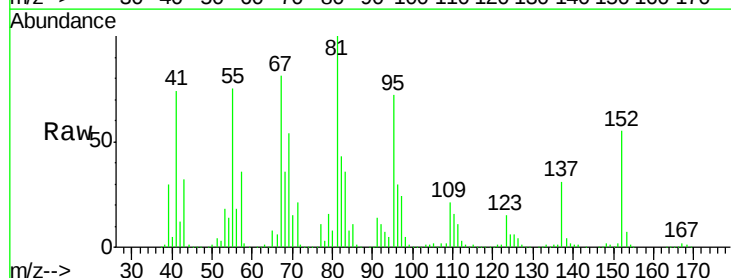


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): BF0
Ion 65.00 (64.70 to 65.70): BF0

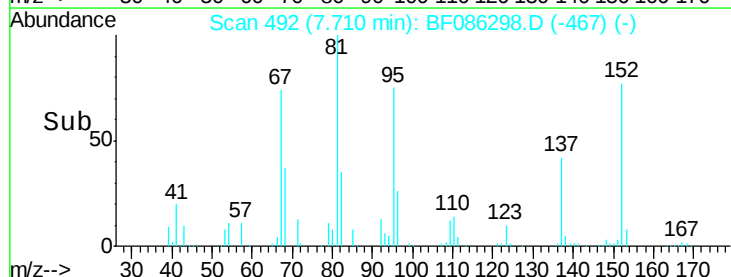
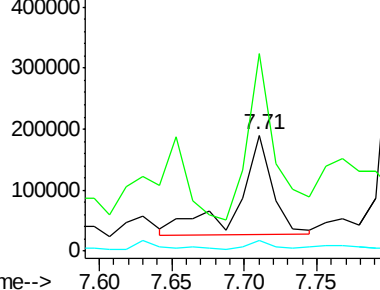


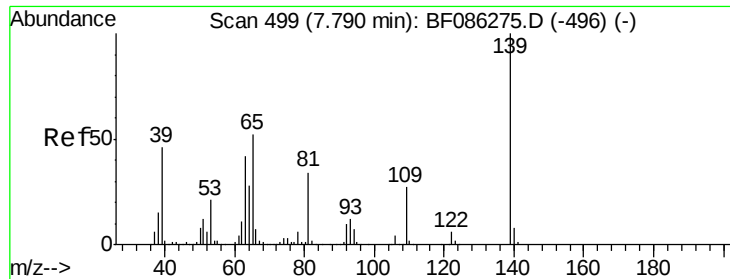
#25
Isophorone
Concen: 12.08 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion	Ratio	Lower	Upper
82	100		
95	169.5	5.4	8.2#
138	9.5	13.4	20.2#



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

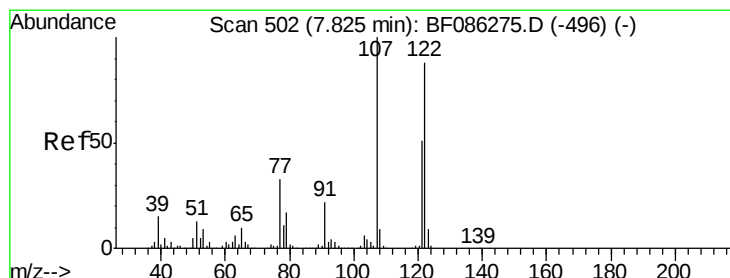
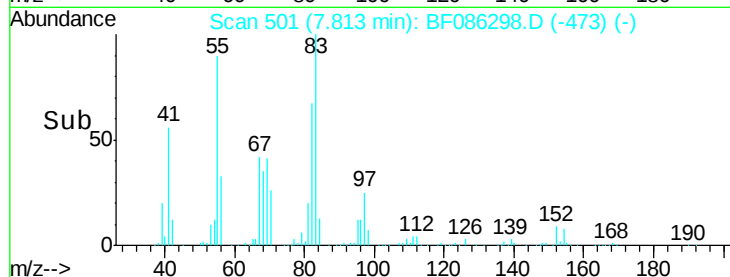
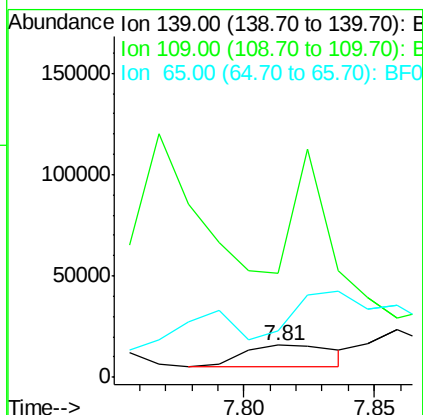
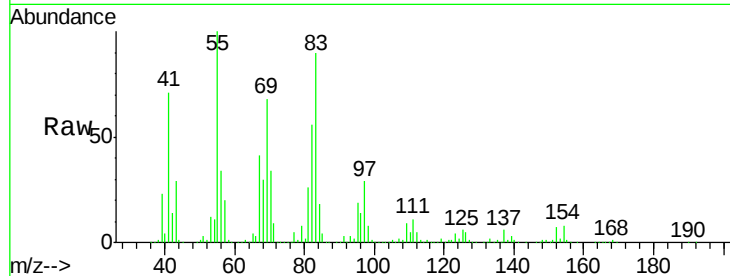




#26
 2-Nitrophenol
 Concen: 4.91 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

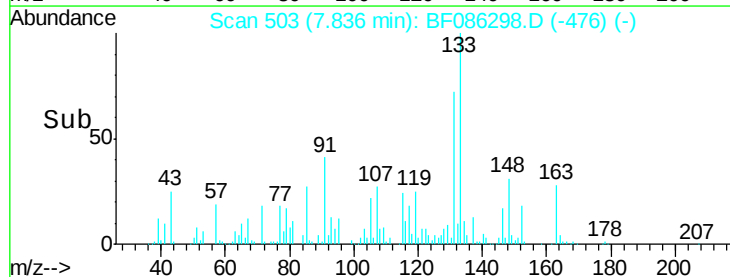
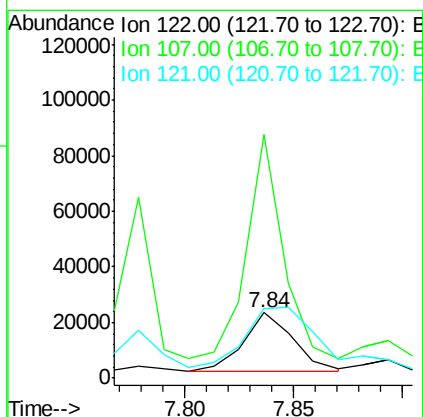
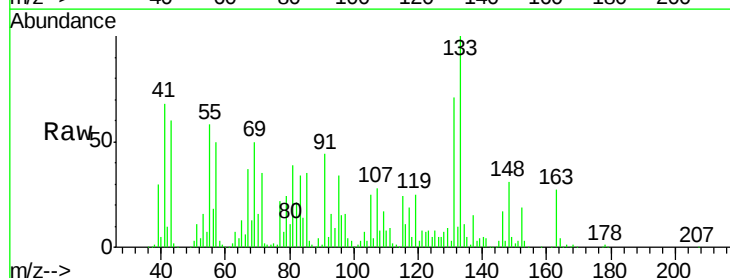
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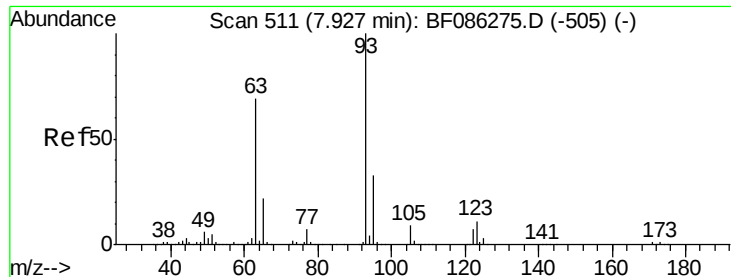
Tgt Ion:139 Resp: 26014
 Ion Ratio Lower Upper
 139 100
 109 324.5 25.8 38.8#
 65 143.5 50.2 75.2#



#27
 2,4-Dimethylphenol
 Concen: 3.15 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.01 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:122 Resp: 33679
 Ion Ratio Lower Upper
 122 100
 107 373.2 85.8 128.6#
 121 106.6 47.1 70.7#





#28

bis(2-Chloroethoxy)methane

Concen: 2.71 ng

RT: 7.95 min Scan# 513

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

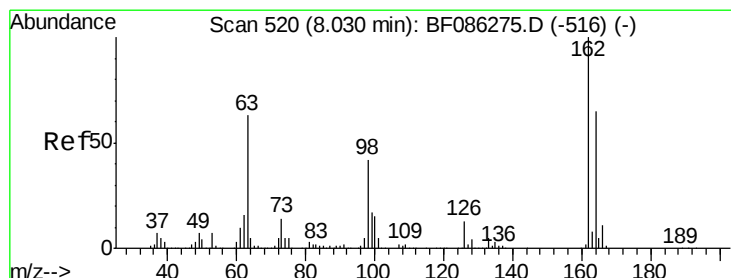
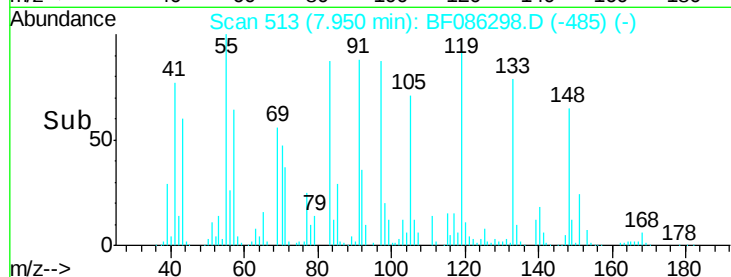
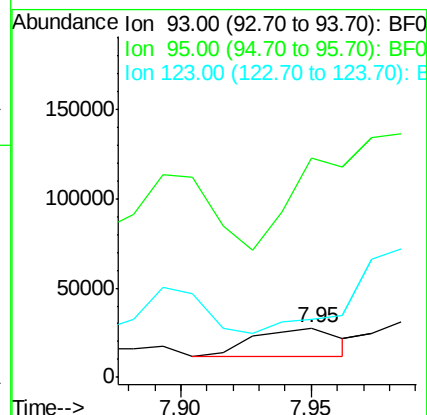
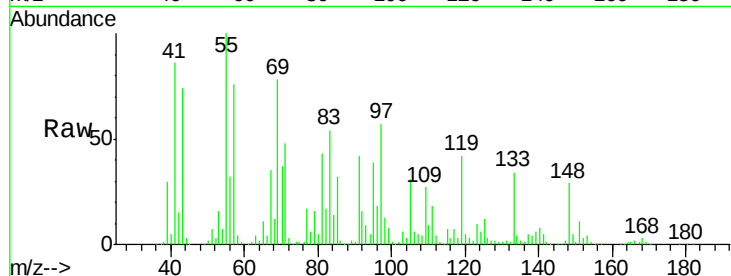
Tgt Ion: 93 Resp: 35149

Ion Ratio Lower Upper

93 100

95 444.8 25.8 38.8#

123 117.9 8.9 13.3#



#29

2,4-Dichlorophenol

Concen: 3.29 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

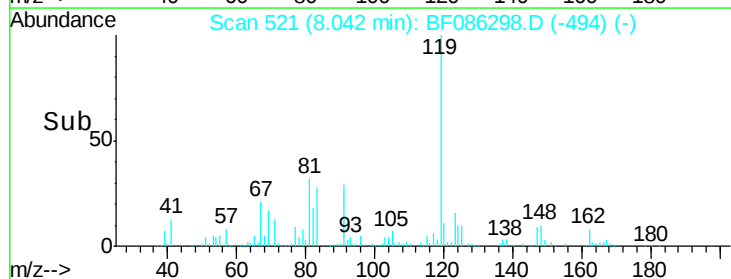
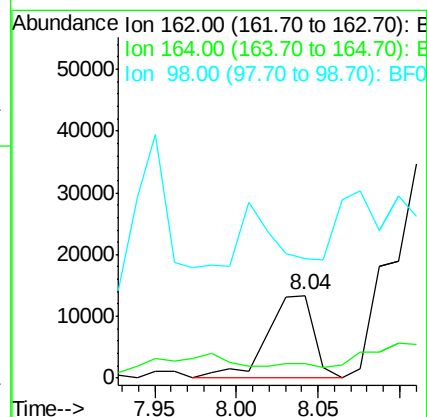
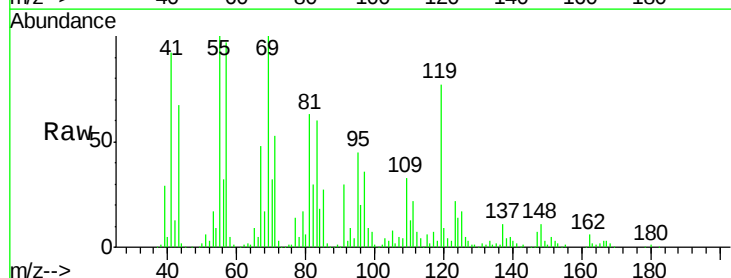
Tgt Ion: 162 Resp: 26755

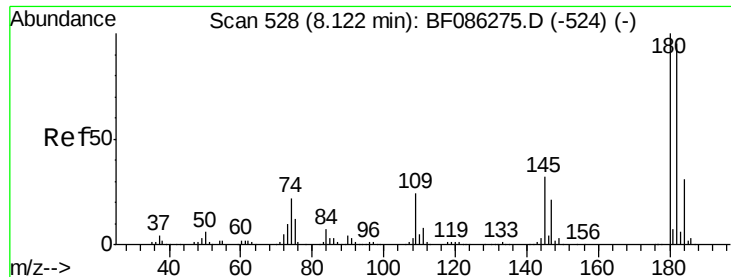
Ion Ratio Lower Upper

162 100

164 16.8 43.3 83.3#

98 144.8 22.9 62.9#

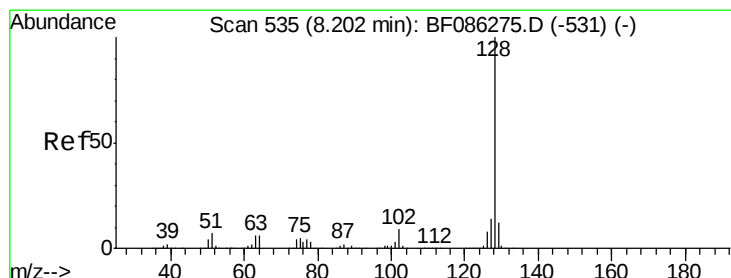
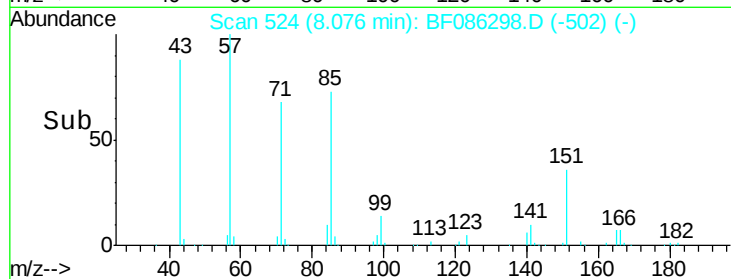
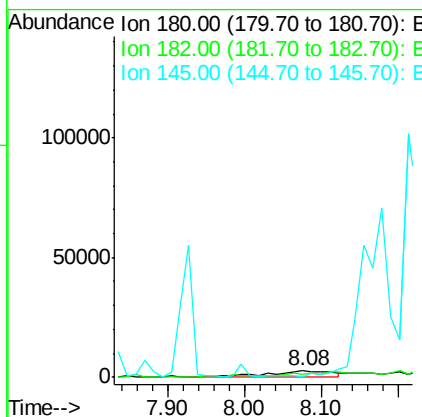
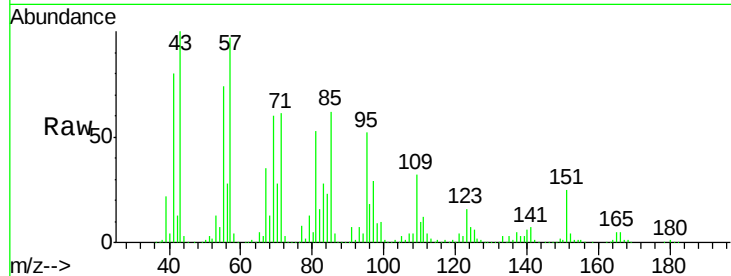




#30
 1,2,4-Trichlorobenzene
 Concen: 2.08 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.05 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

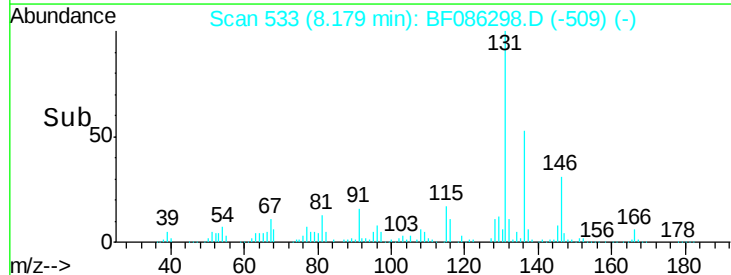
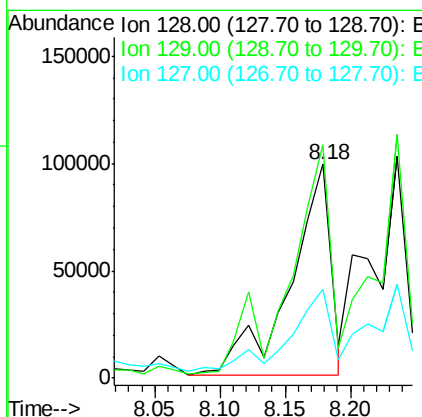
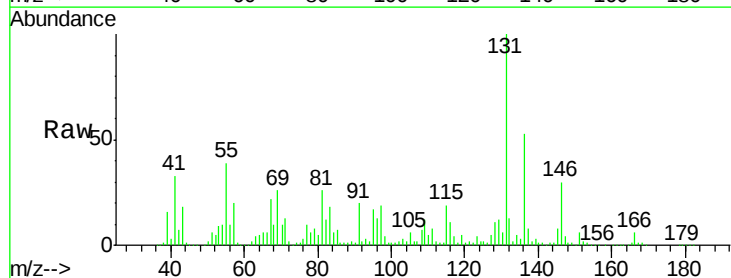
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

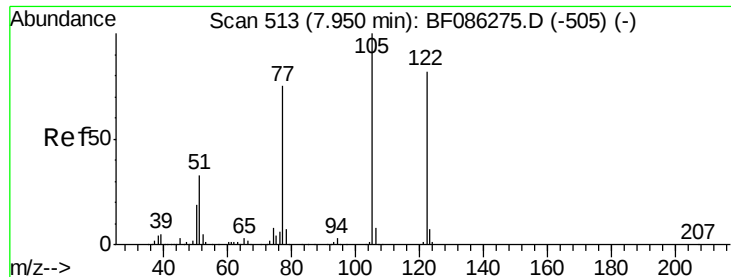
Tgt Ion:180 Resp: 17683
 Ion Ratio Lower Upper
 180 100
 182 52.8 76.3 114.5#
 145 11.8 27.4 41.2#



#31
 Naphthalene
 Concen: 7.42 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:128 Resp: 212405
 Ion Ratio Lower Upper
 128 100
 129 109.3 9.6 14.4#
 127 41.4 11.4 17.2#





#32

Benzoic acid

Concen: 5.09 ng

RT: 7.97 min Scan# 515

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

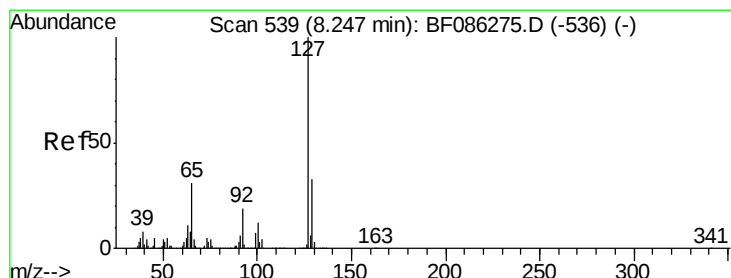
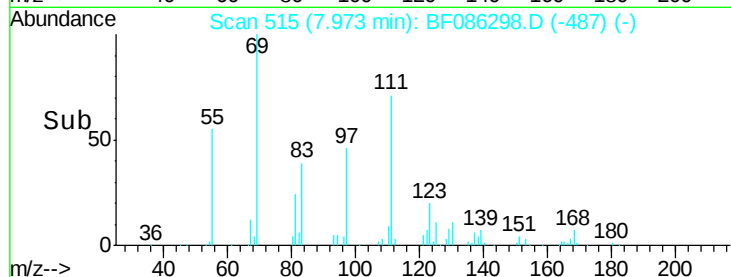
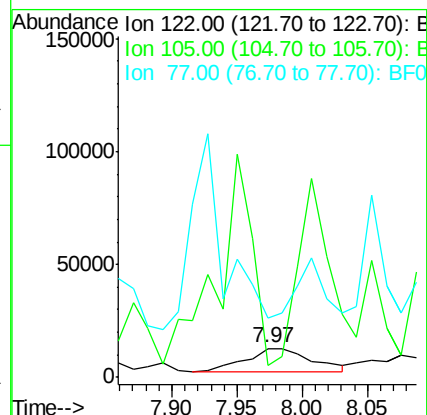
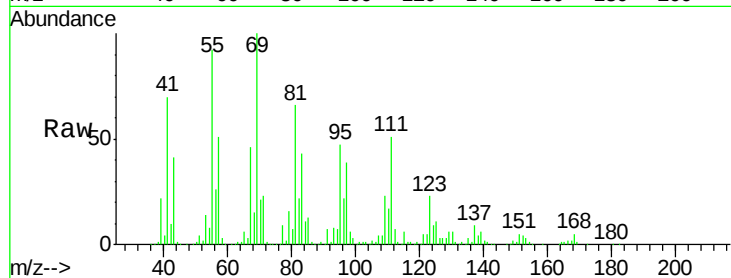
Tgt Ion:122 Resp: 34815

Ion Ratio Lower Upper

122 100

105 41.0 103.7 143.7#

77 203.3 74.9 114.9#



#33

4-Chloroaniline

Concen: 3.90 ng

RT: 8.24 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Tgt Ion:127 Resp: 49868

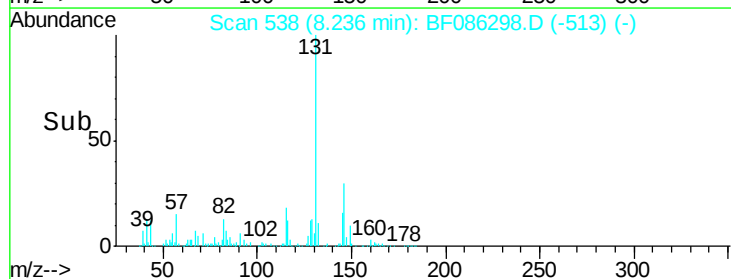
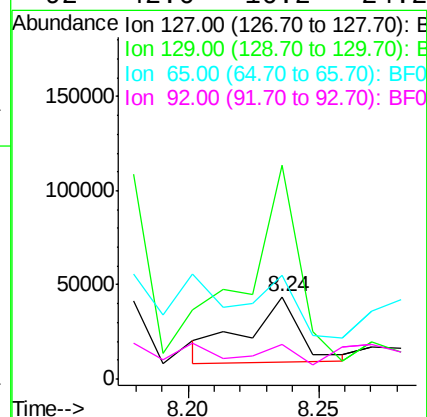
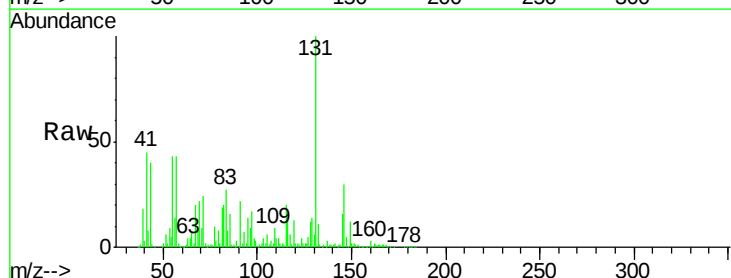
Ion Ratio Lower Upper

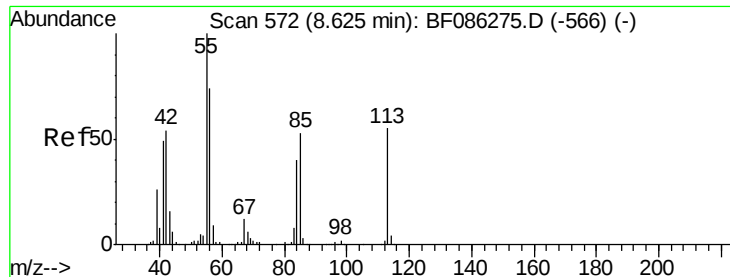
127 100

129 259.6 26.8 40.2#

65 126.1 27.1 40.7#

92 42.6 16.2 24.2#





#35

Caprolactam

Concen: 74.65 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

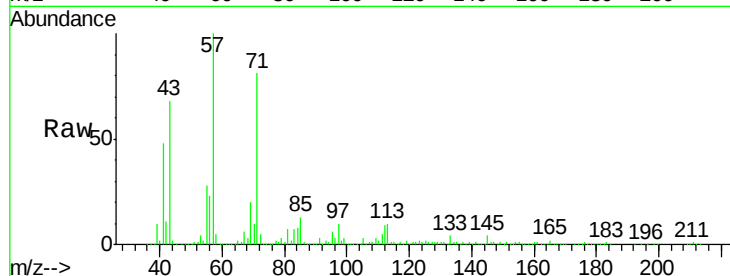
Tgt Ion:113 Resp: 219826

Ion Ratio Lower Upper

113 100

55 288.8 117.5 157.5#

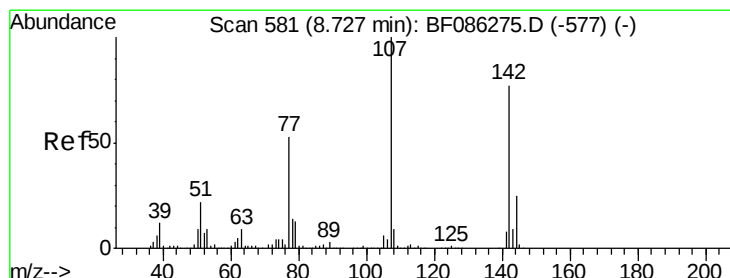
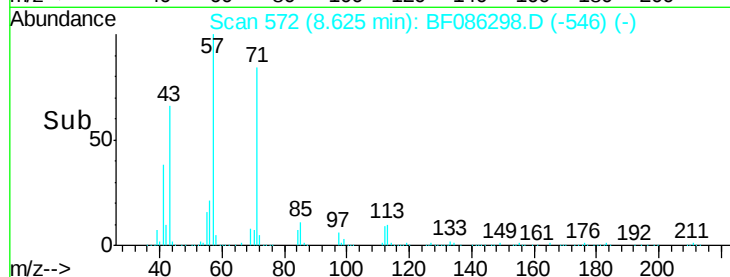
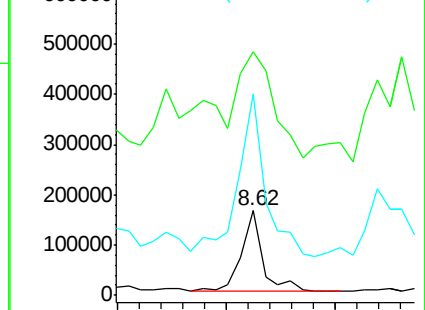
56 238.4 82.5 122.5#



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: 6.78 ng

RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

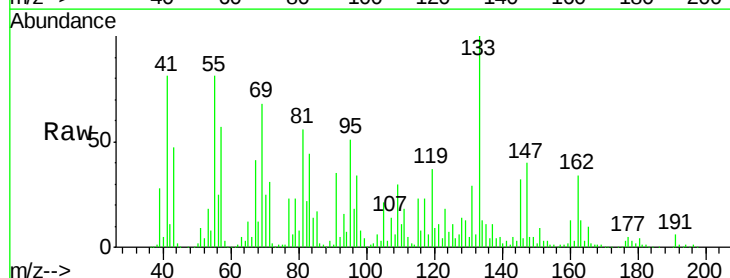
Tgt Ion:107 Resp: 63904

Ion Ratio Lower Upper

107 100

144 20.9 20.7 31.1

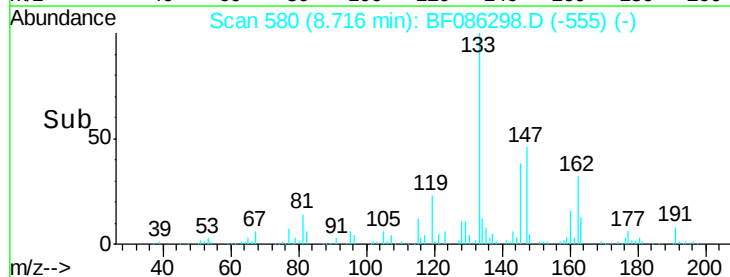
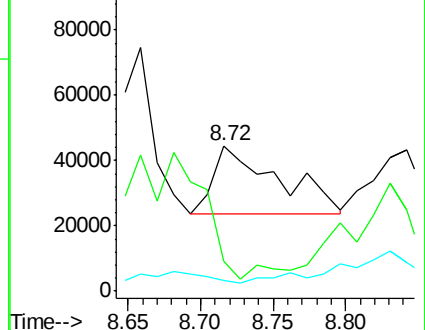
142 7.7 64.5 96.7#

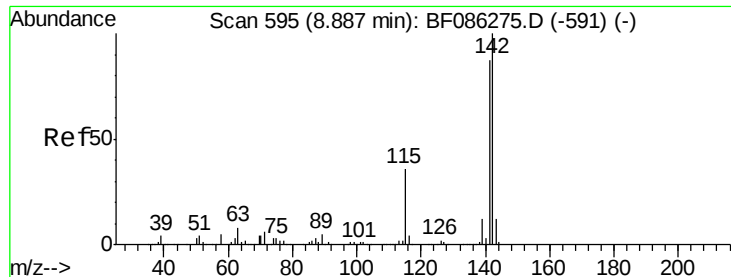


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

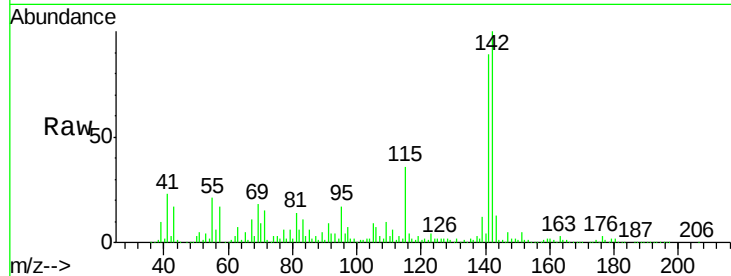




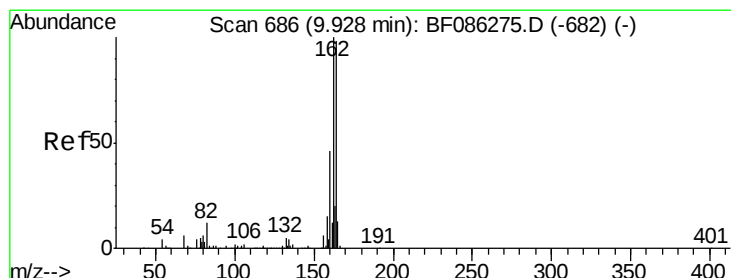
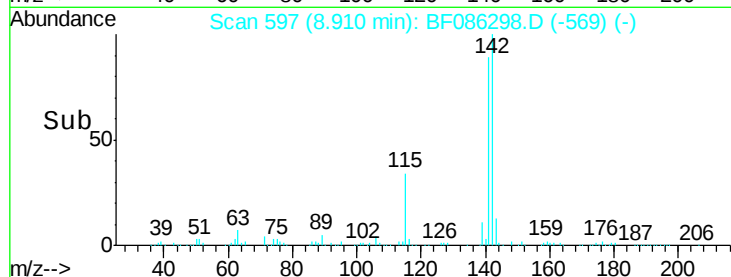
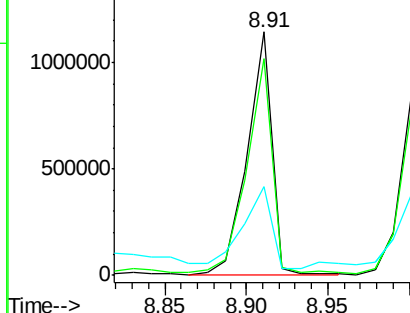
#37
 2-Methylnaphthalene
 Concen: 64.04 ng
 RT: 8.91 min Scan# 597
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

Tgt Ion:142 Resp: 1185192
 Ion Ratio Lower Upper
 142 100
 141 88.9 71.1 106.7
 115 36.3 25.1 37.7

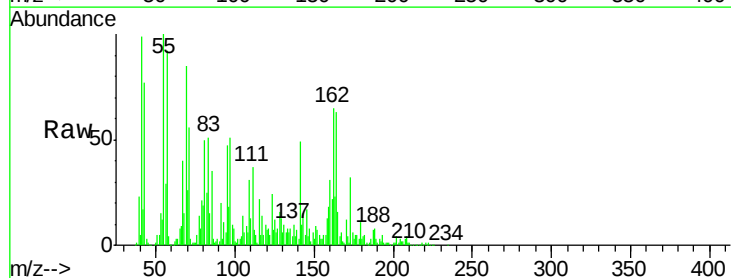


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

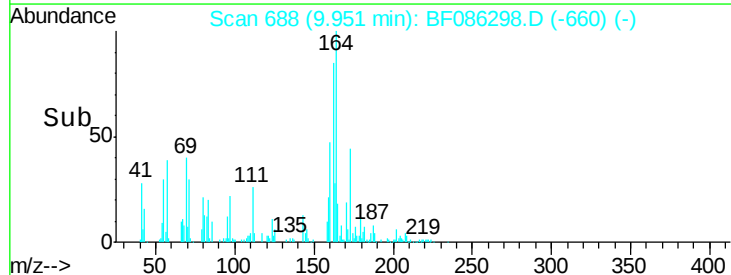
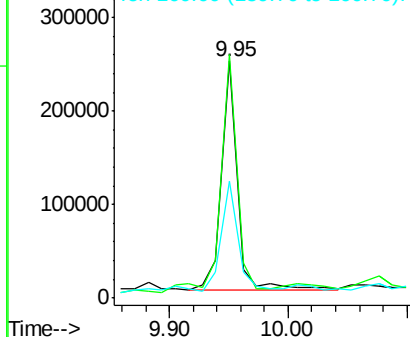


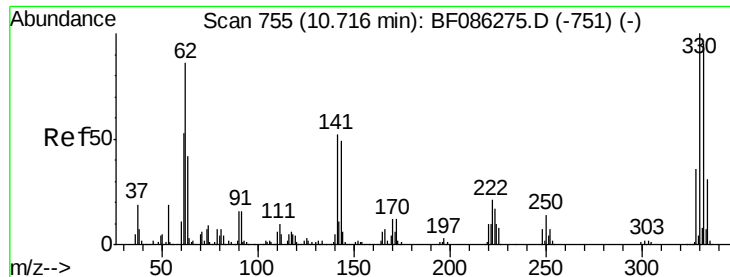
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:164 Resp: 226823
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.8 124.2
 160 49.3 38.9 58.3



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

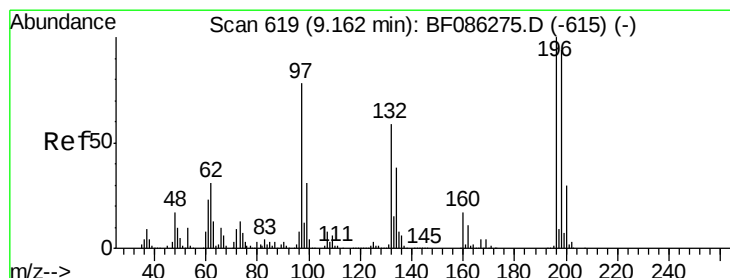
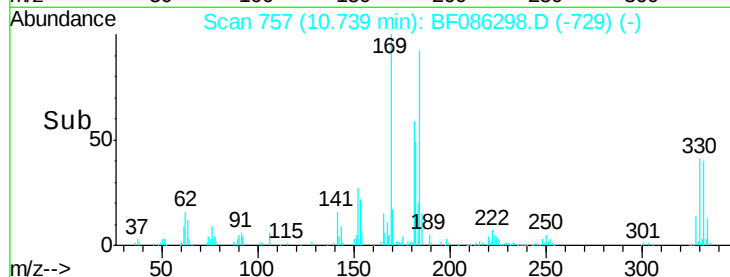
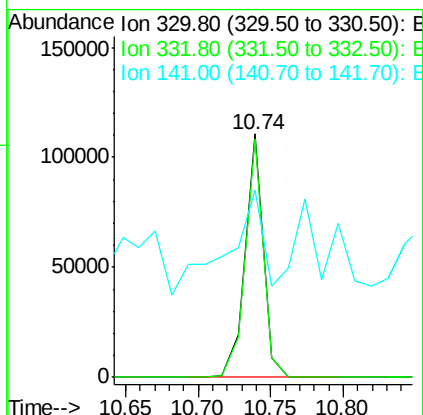
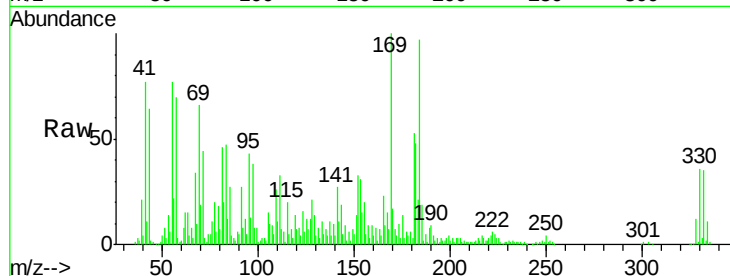




#41
 2,4,6-Tribromophenol
 Concen: 53.02 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

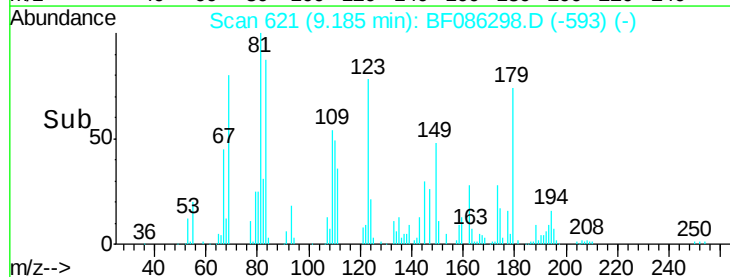
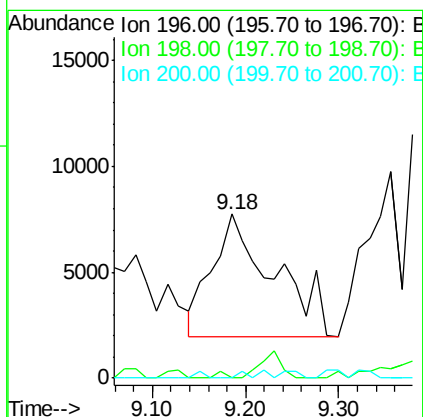
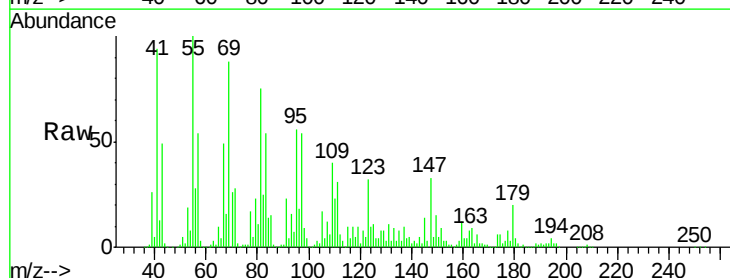
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

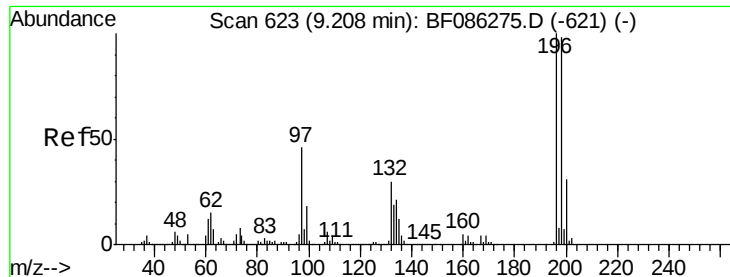
Tgt Ion:330 Resp: 96573
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.7 118.1
 141 52.6 28.6 42.8#



#42
 2,4,6-Trichlorophenol
 Concen: 5.94 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:196 Resp: 26557
 Ion Ratio Lower Upper
 196 100
 198 0.0 76.6 115.0#
 200 0.0 25.3 37.9#

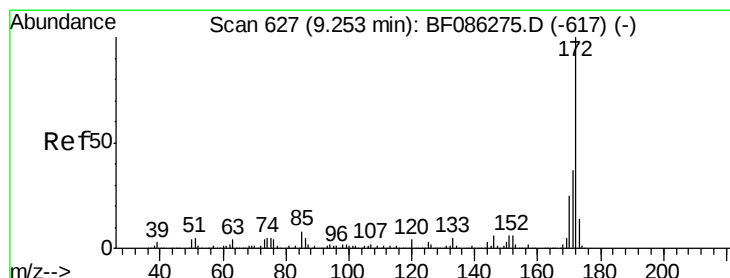
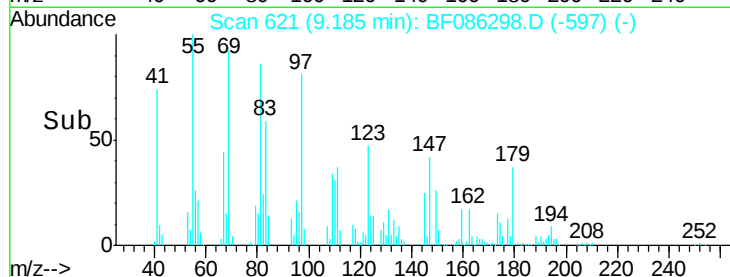
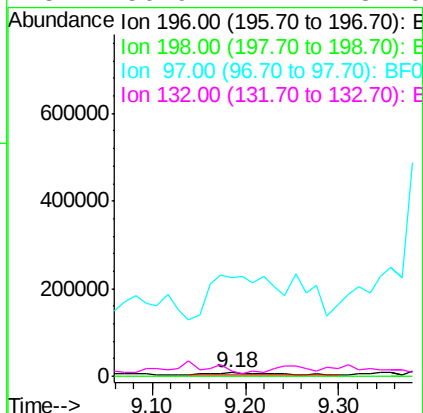
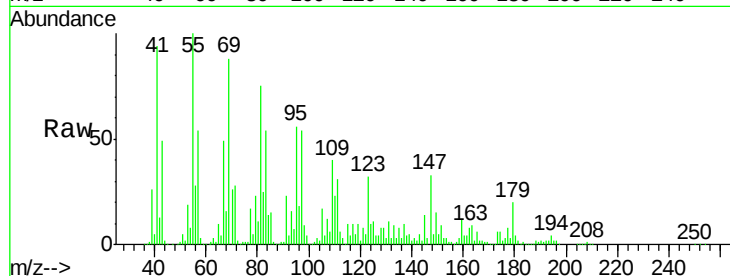




#43
2,4,5-Trichlorophenol
Concen: 6.15 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

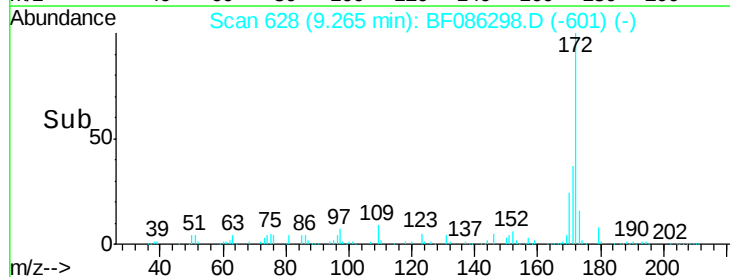
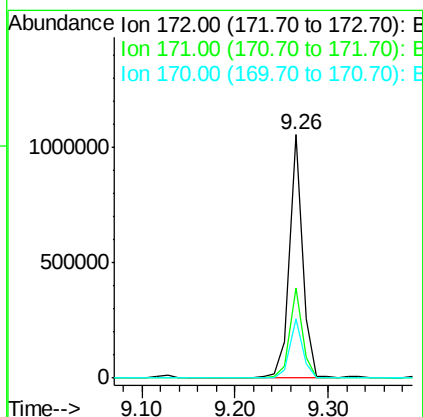
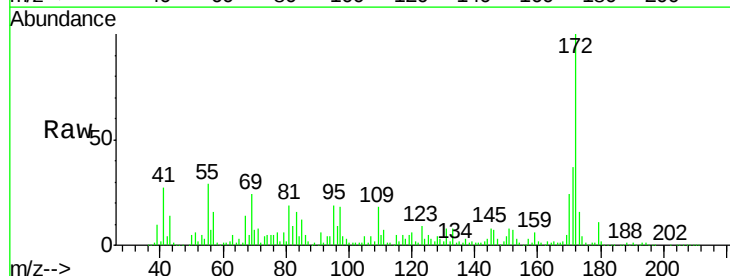
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

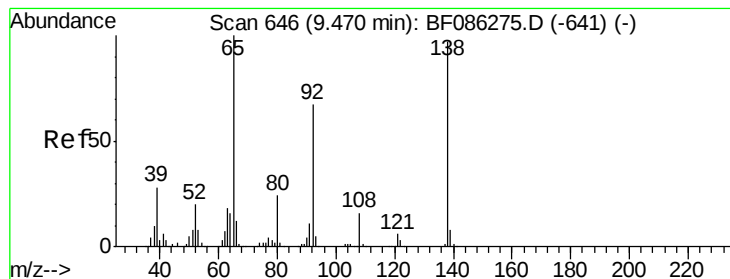
Tgt Ion:196 Resp: 26557
Ion Ratio Lower Upper
196 100
198 0.0 77.7 116.5#
97 2911.3 32.6 48.8#
132 156.9 21.4 32.0#



#44
2-Fluorobiphenyl
Concen: 84.17 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:172 Resp: 1034644
Ion Ratio Lower Upper
172 100
171 36.8 29.1 43.7
170 24.5 19.9 29.9





#47

2-Nitroaniline

Concen: 4.83 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.03 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

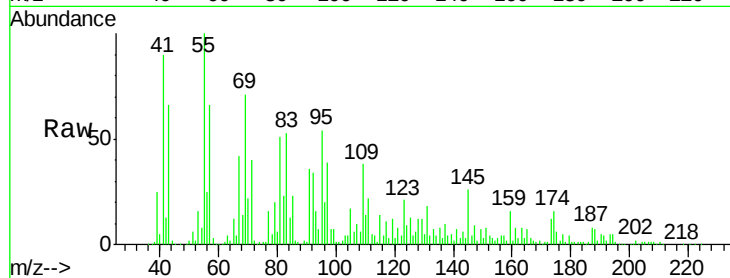
Tgt Ion: 65 Resp: 20879

Ion Ratio Lower Upper

65 100

92 294.1 51.9 77.9#

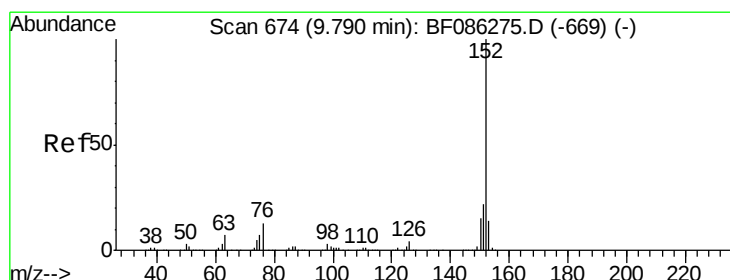
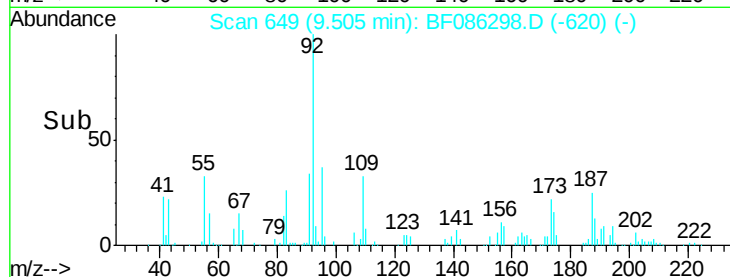
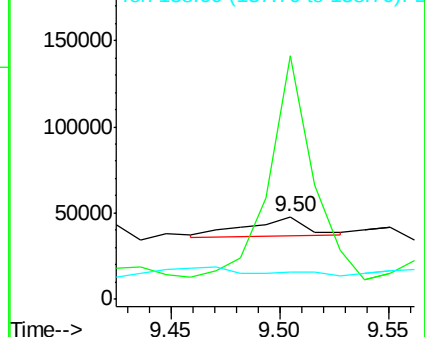
138 32.3 72.6 108.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 5.67 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

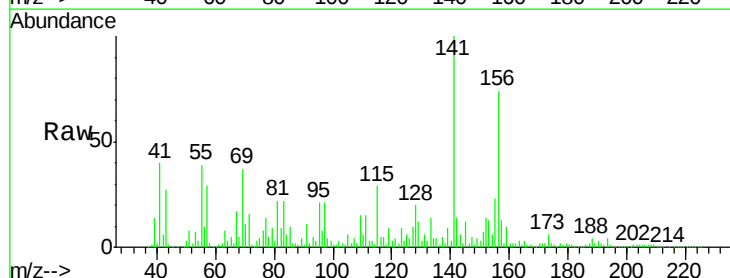
Tgt Ion: 152 Resp: 120321

Ion Ratio Lower Upper

152 100

151 47.2 17.2 25.8#

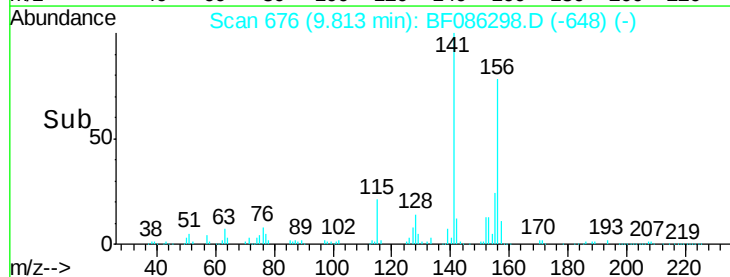
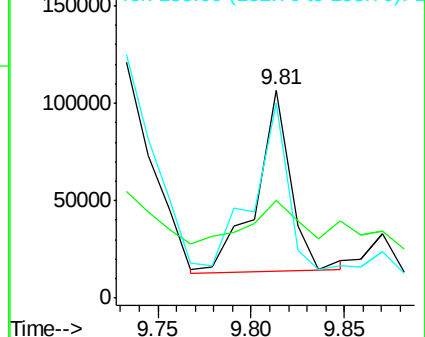
153 94.0 10.7 16.1#

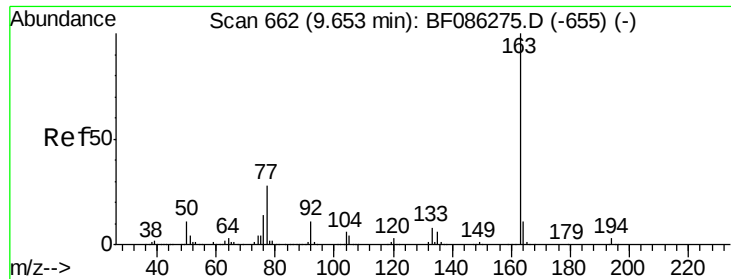


Abundance Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0

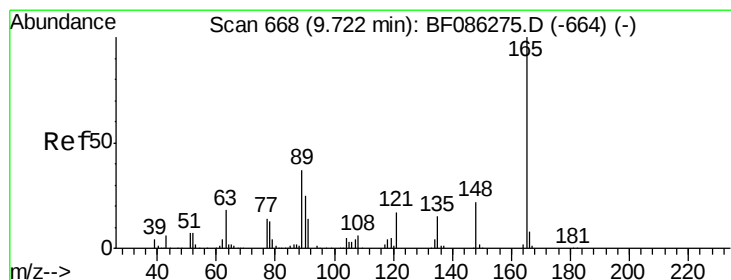
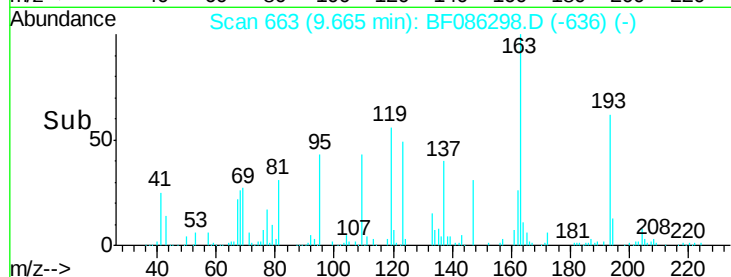
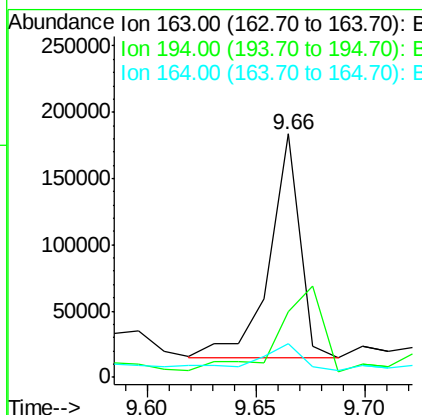
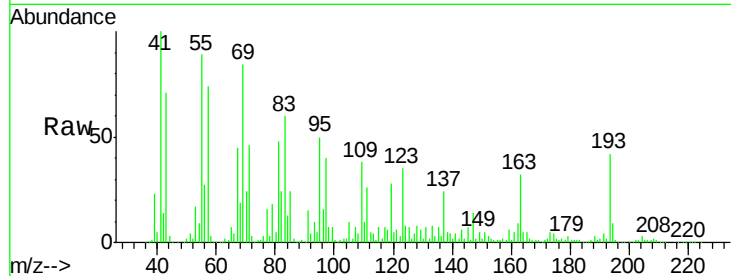




#49
Dimethylphthalate
Concen: 10.12 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

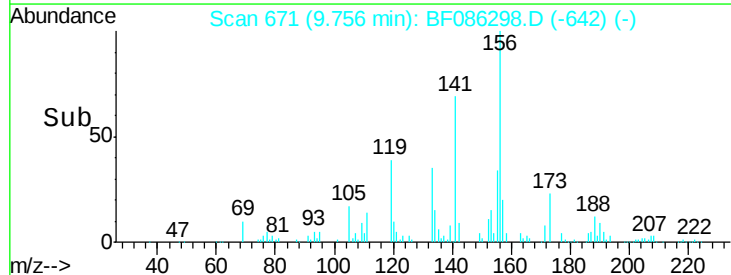
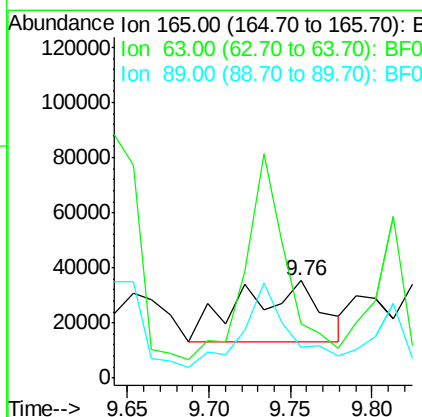
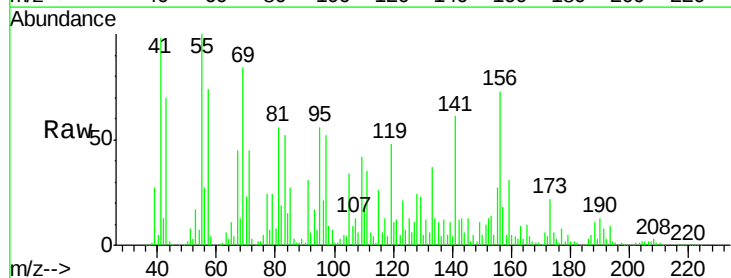
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

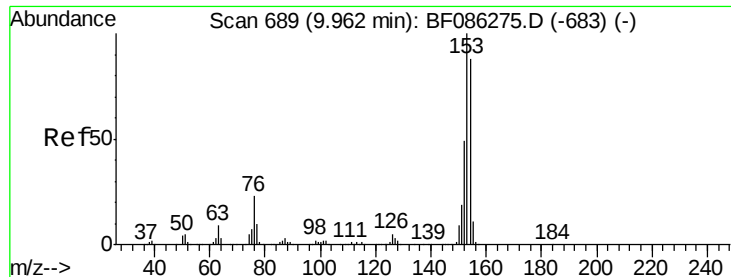
Tgt Ion:163 Resp: 166924
Ion Ratio Lower Upper
163 100
194 27.2 2.8 4.2#
164 14.1 8.4 12.6#



#50
2,6-Dinitrotoluene
Concen: 20.78 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.03 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:165 Resp: 75830
Ion Ratio Lower Upper
165 100
63 55.1 35.1 52.7#
89 32.1 39.8 59.6#





#51

Acenaphthene

Concen: 13.56 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

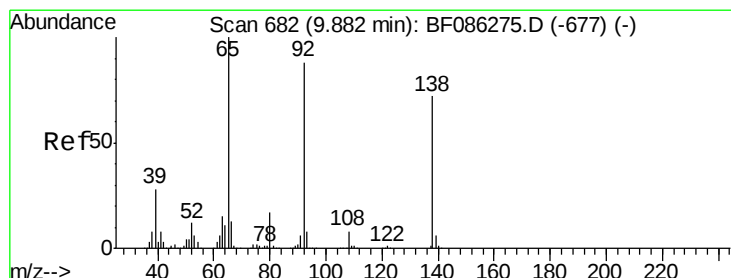
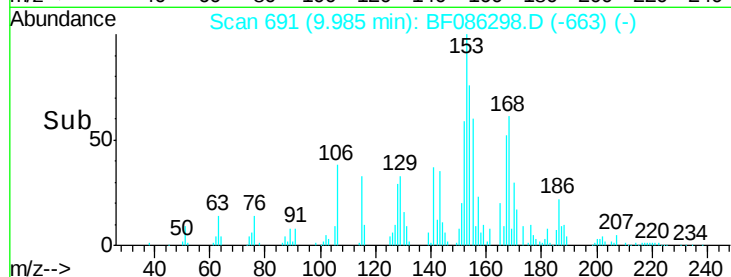
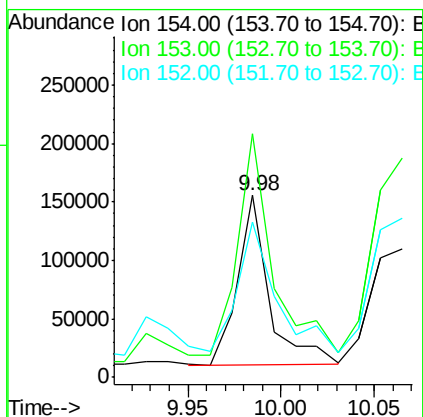
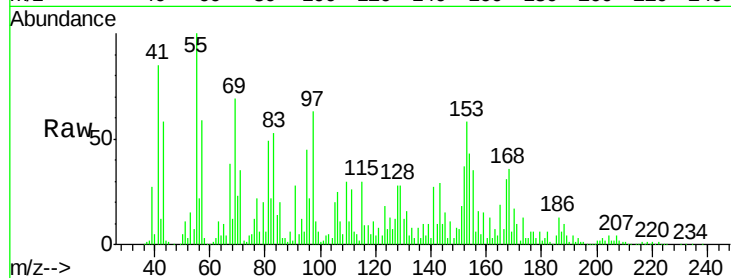
Tgt Ion:154 Resp: 171885

Ion Ratio Lower Upper

154 100

153 133.7 90.0 135.0

152 85.0 44.3 66.5#



#52

3-Nitroaniline

Concen: 9.41 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

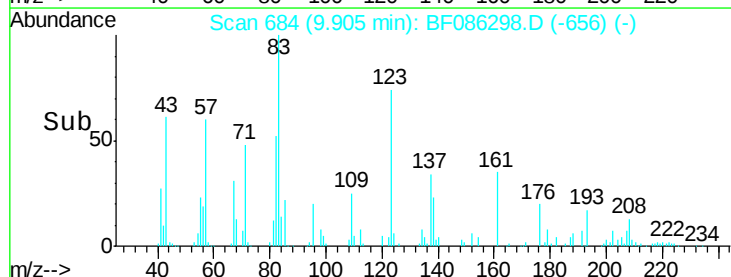
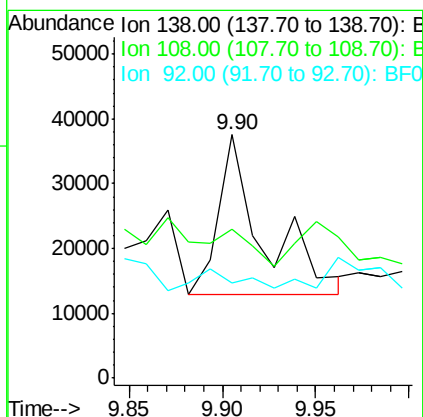
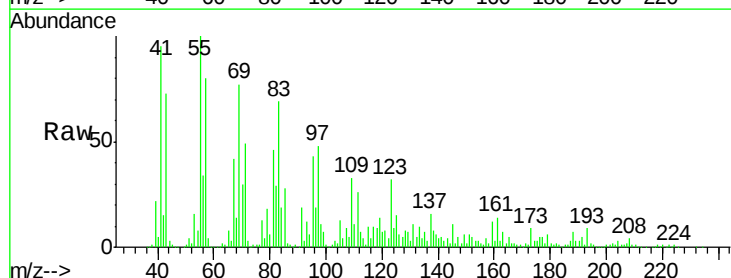
Tgt Ion:138 Resp: 41744

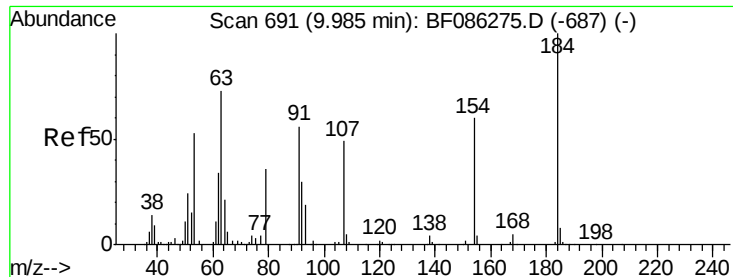
Ion Ratio Lower Upper

138 100

108 60.9 9.0 13.4#

92 38.8 99.3 148.9#

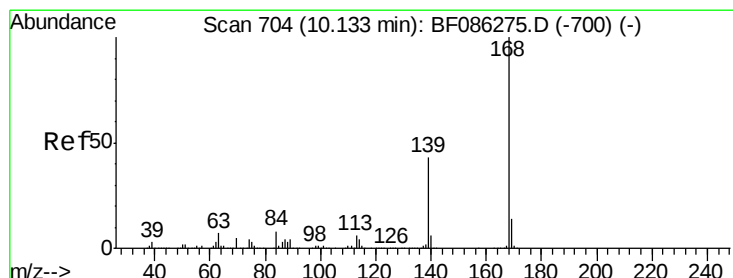
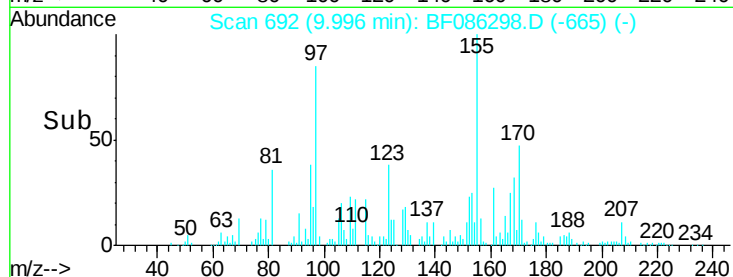
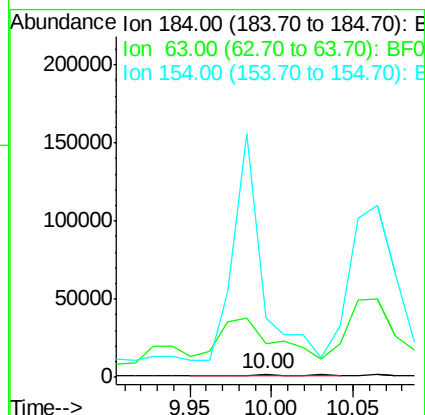
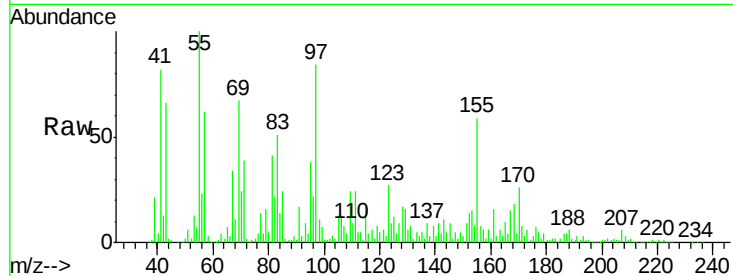




#53
2,4-Dinitrophenol
Concen: 6.35 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.01 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

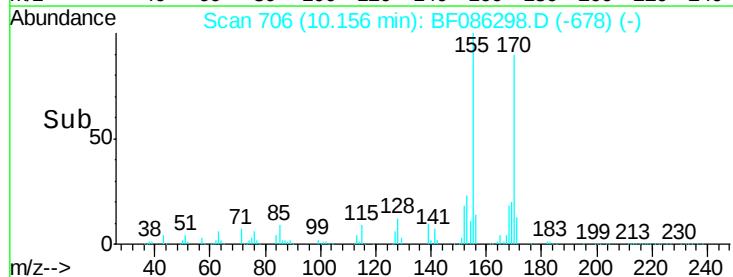
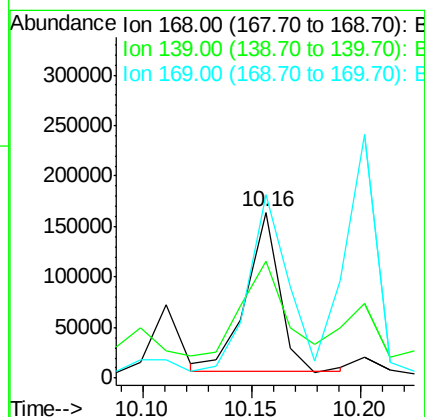
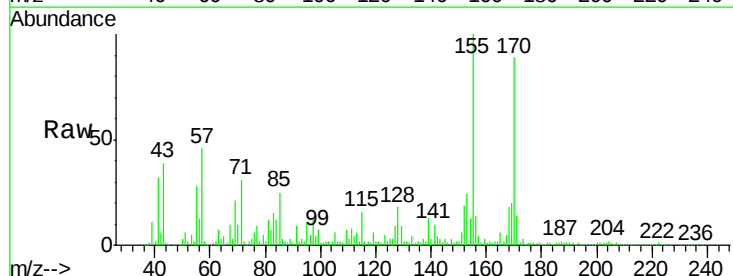
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

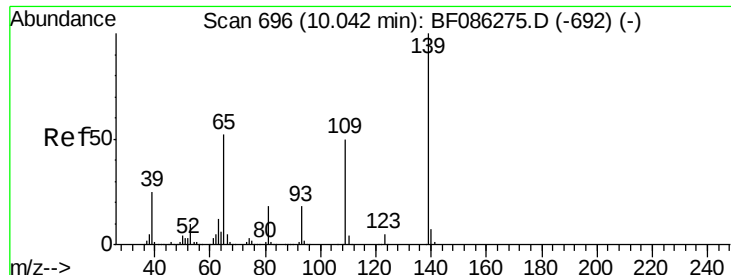
Tgt Ion:184 Resp: 2917
Ion Ratio Lower Upper
184 100
63 1040.0 64.7 97.1#
154 1822.4 59.4 89.2#



#54
Dibenzofuran
Concen: 9.93 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.02 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:168 Resp: 166255
Ion Ratio Lower Upper
168 100
139 70.5 29.5 44.3#
169 110.4 10.6 16.0#

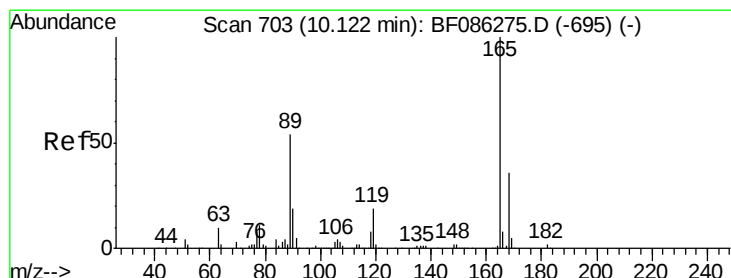
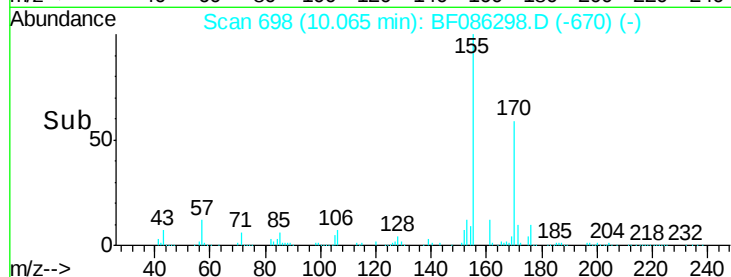
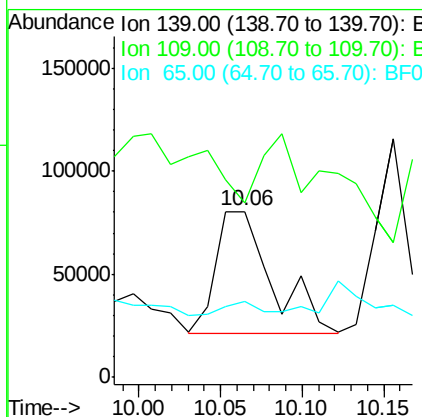
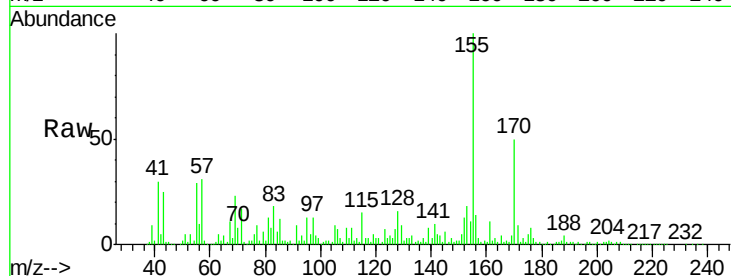




#55
4-Nitrophenol
Concen: 40.93 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.02 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

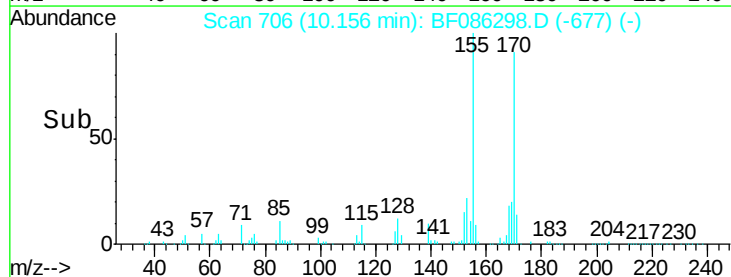
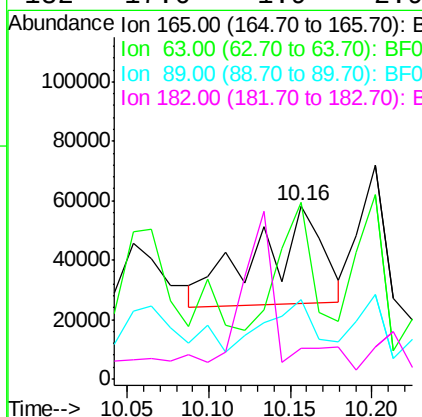
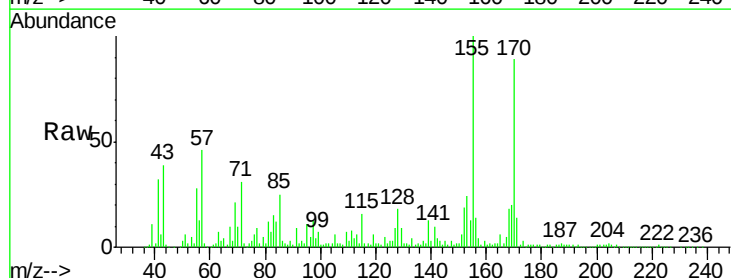
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

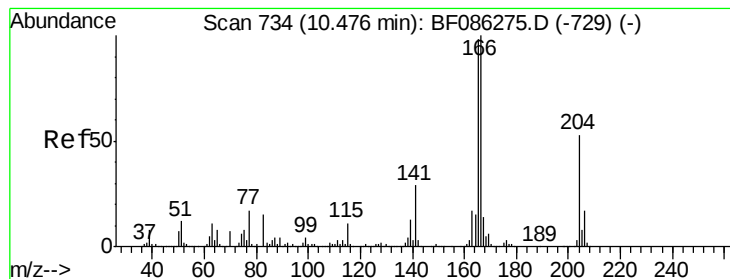
Tgt Ion:139 Resp: 141972
Ion Ratio Lower Upper
139 100
109 105.4 55.0 95.0#
65 46.0 87.3 127.3#



#56
2,4-Dinitrotoluene
Concen: 19.40 ng
RT: 10.16 min Scan# 706
Delta R.T. 0.03 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:165 Resp: 90648
Ion Ratio Lower Upper
165 100
63 102.1 26.6 40.0#
89 45.6 49.5 74.3#
182 17.6 1.9 2.9#





#57

Fluorene

Concen: 25.43 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

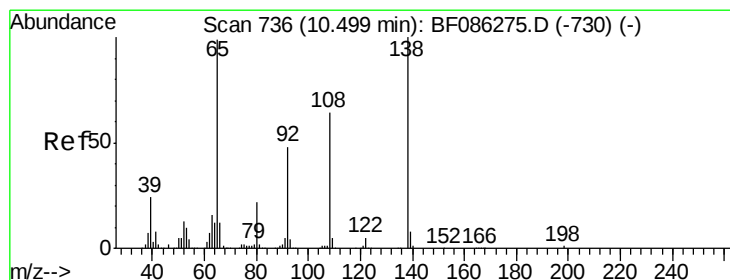
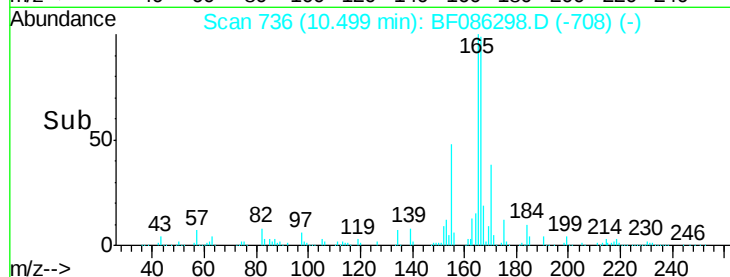
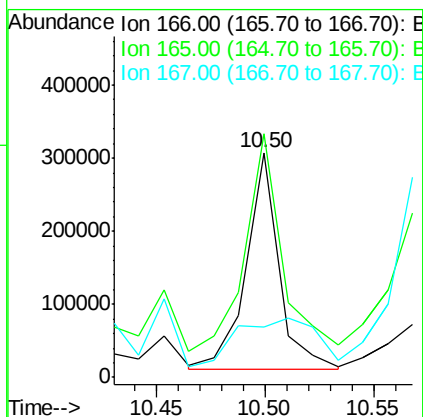
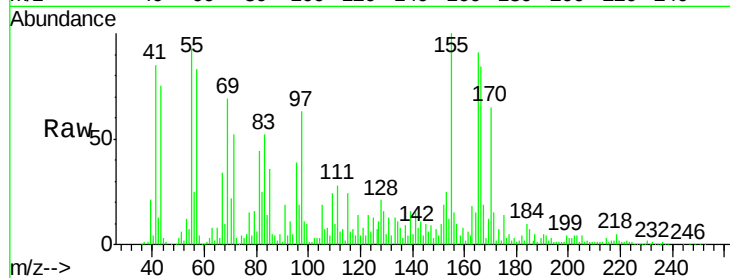
Tgt Ion:166 Resp: 309218

Ion Ratio Lower Upper

166 100

165 108.4 78.6 117.8

167 22.3 10.4 15.6#



#61

4-Nitroaniline

Concen: 6.93 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.09 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

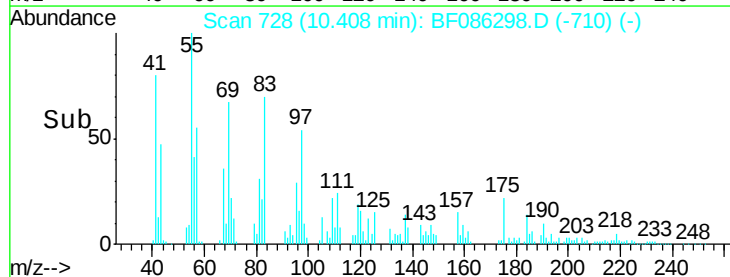
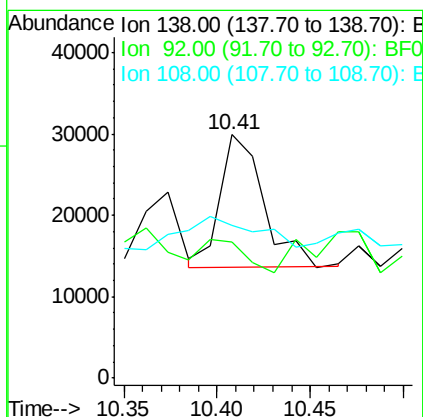
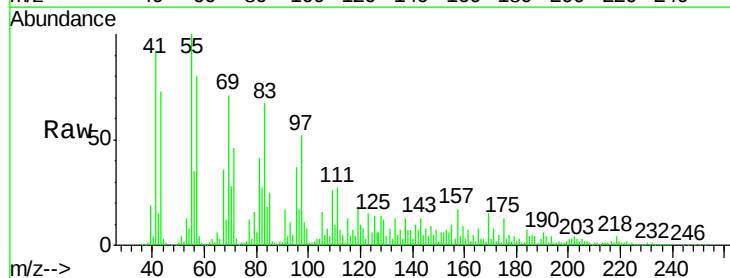
Tgt Ion:138 Resp: 26553

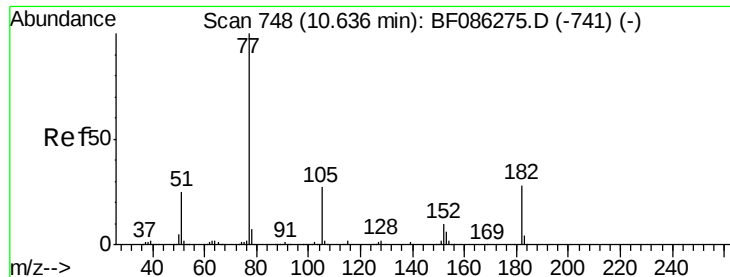
Ion Ratio Lower Upper

138 100

92 56.1 31.9 71.9

108 62.8 58.7 98.7





#62

Azobenzene

Concen: 4.31 ng

RT: 10.65 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

Tgt Ion: 77 Resp: 71836

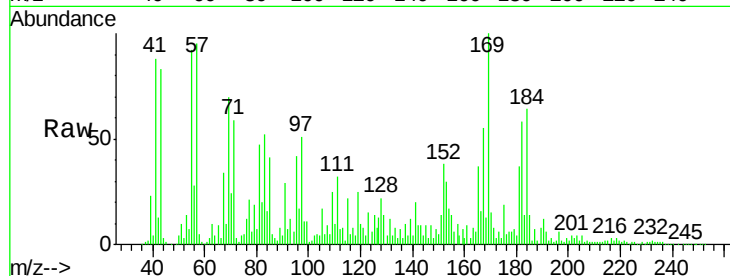
Ion Ratio Lower Upper

77 100

182 272.7 2.3 42.3#

105 79.0 3.4 43.4#

51 46.5 11.7 51.7

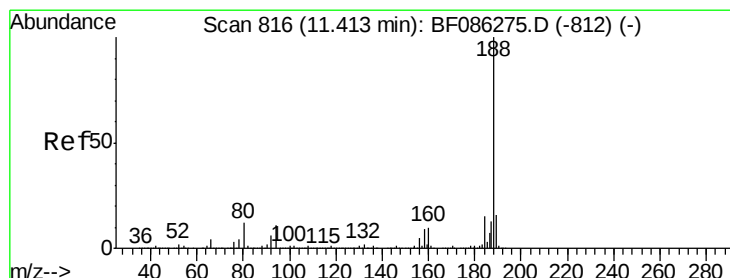
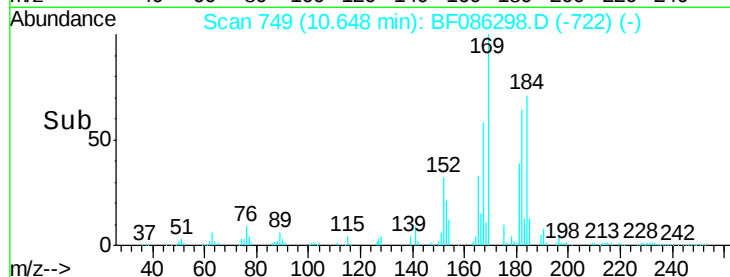
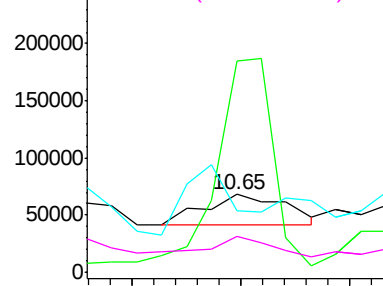


Abundance Ion 77.00 (76.70 to 77.70): BF0

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. 0.02 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

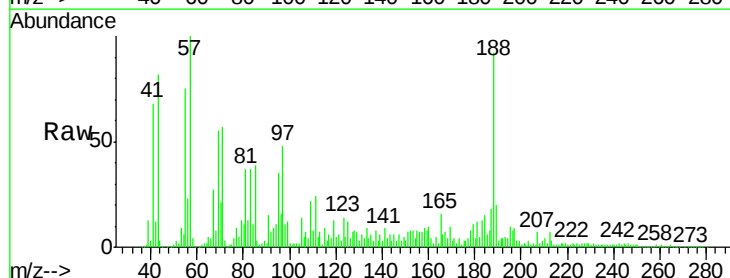
Tgt Ion: 188 Resp: 421226

Ion Ratio Lower Upper

188 100

94 12.1 9.8 14.8

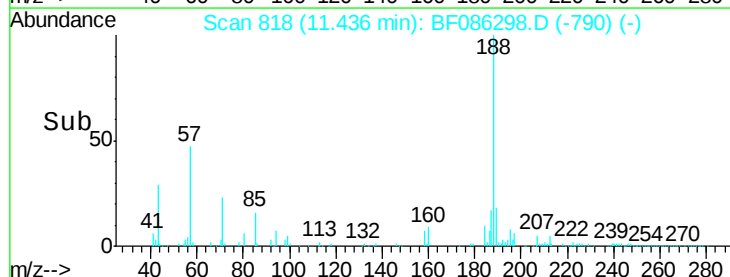
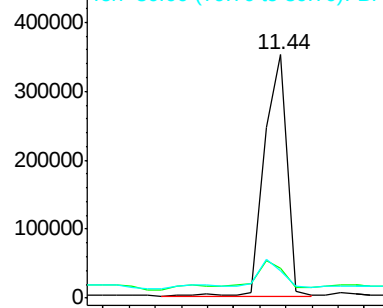
80 11.4 10.5 15.7

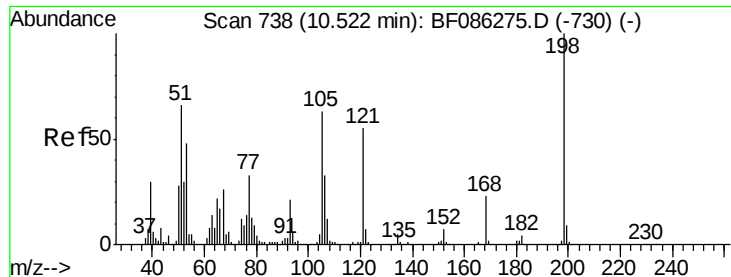


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

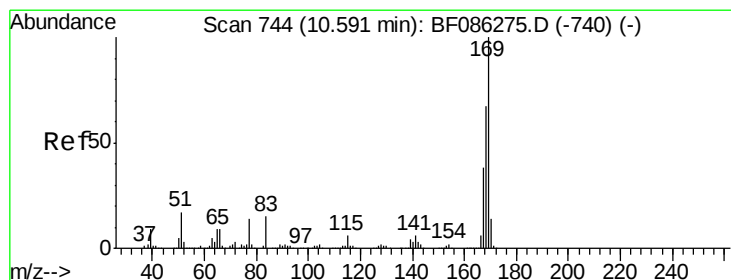
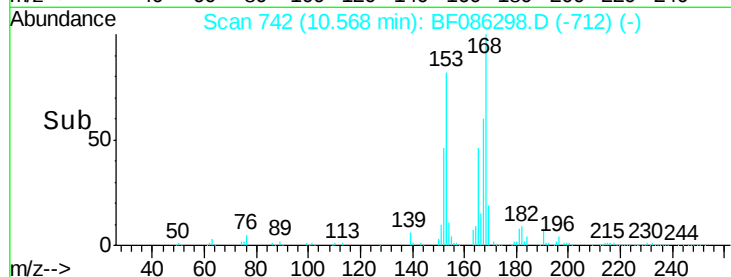
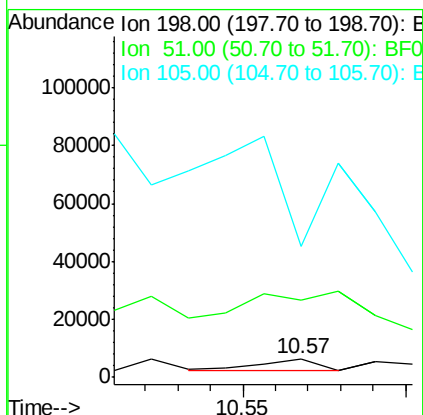
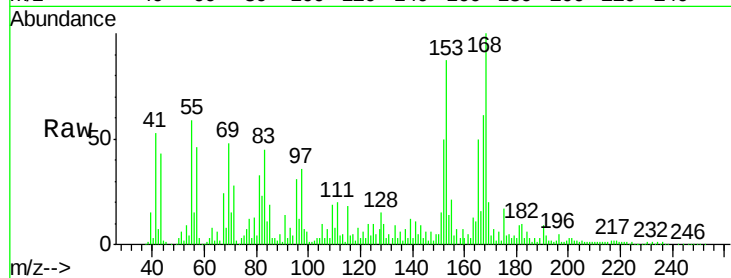




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.52 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.05 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

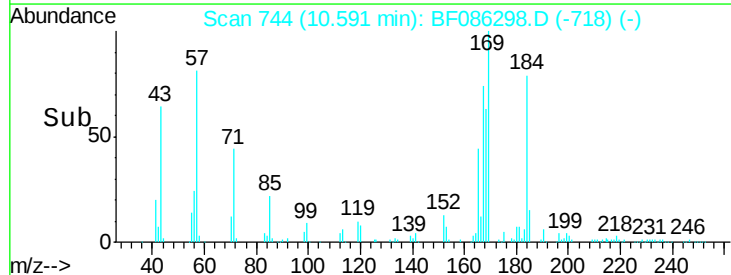
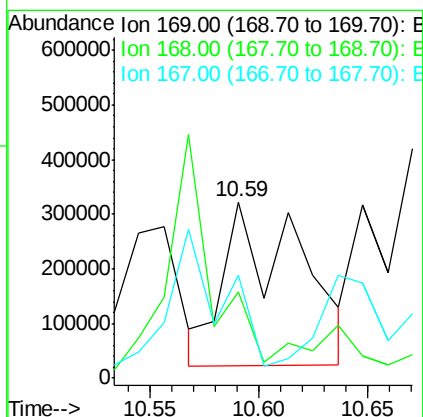
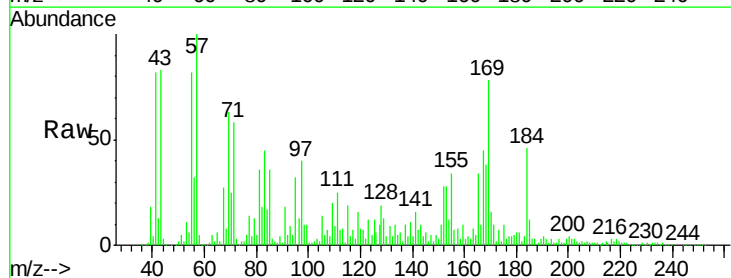
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

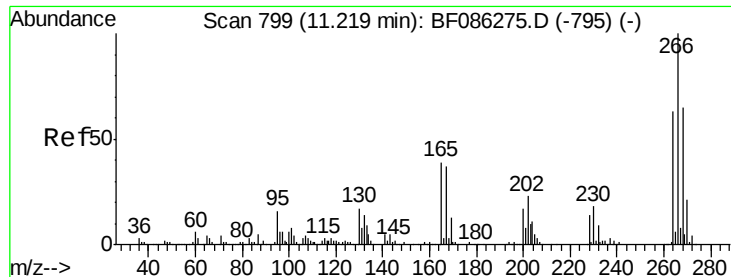
Tgt Ion:198 Resp: 5058
 Ion Ratio Lower Upper
 198 100
 51 417.4 56.5 96.5#
 105 710.9 48.0 88.0#



#65
 n-Nitrosodiphenylamine
 Concen: 55.88 ng
 RT: 10.59 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:169 Resp: 720875
 Ion Ratio Lower Upper
 169 100
 168 48.7 54.3 81.5#
 167 58.3 30.2 45.2#

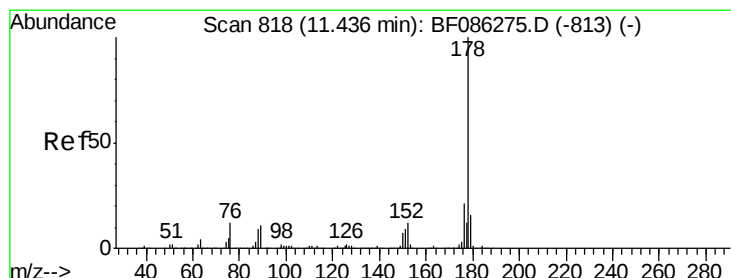
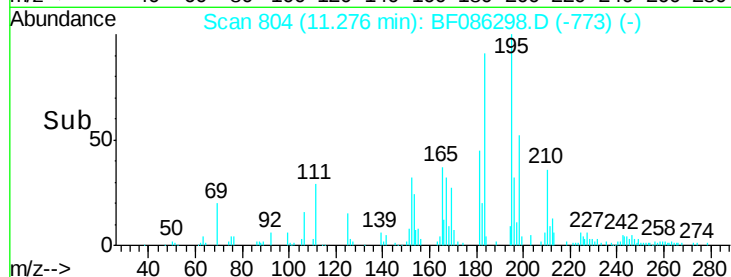
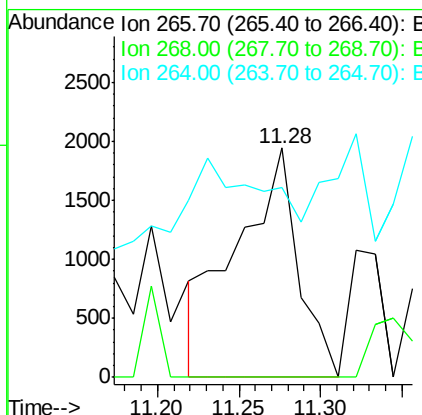
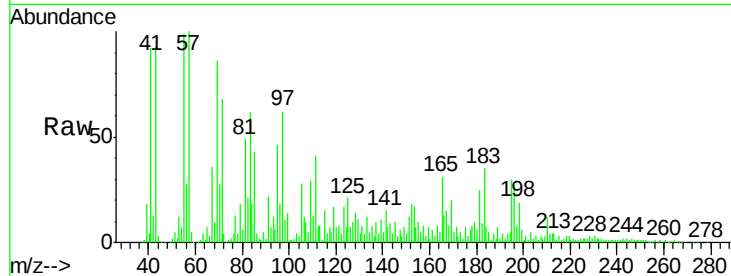




#69
 Pentachlorophenol
 Concen: 2.05 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.06 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

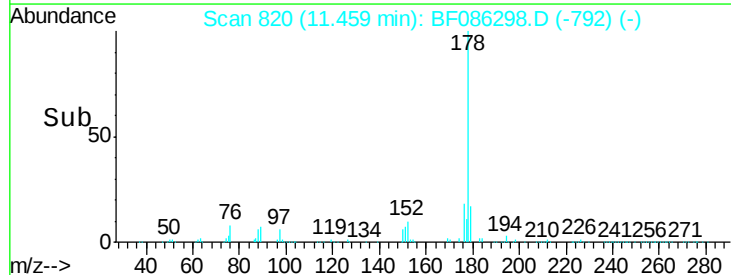
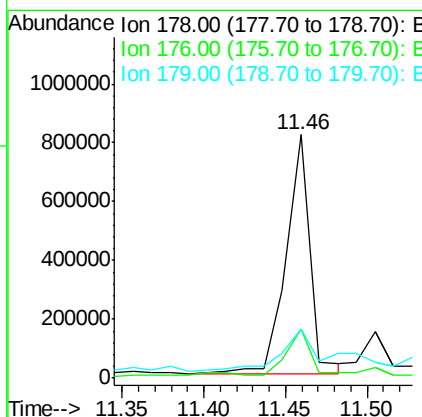
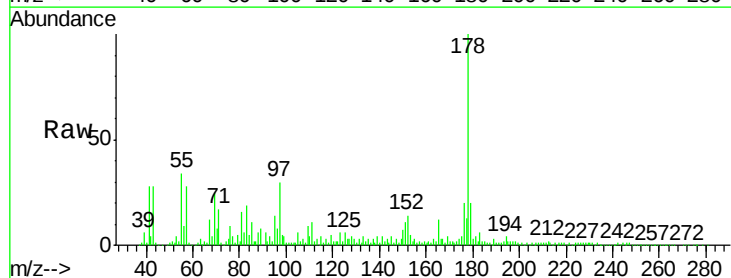
Instrument :
 BNA_F
 ClientSampleId :
 B-929(0.3N)COMPDL

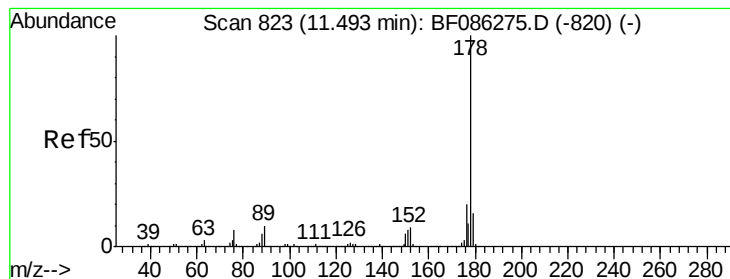
Tgt Ion:266 Resp: 5124
 Ion Ratio Lower Upper
 266 100
 268 0.0 53.0 79.4#
 264 82.7 51.3 76.9#



#70
 Phenanthrene
 Concen: 41.54 ng
 RT: 11.46 min Scan# 820
 Delta R.T. 0.02 min
 Lab File: BF086298.D
 Acq: 18 Apr 2016 22:58

Tgt Ion:178 Resp: 835841
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.3 24.5
 179 20.1 13.0 19.6#





#71

Anthracene

Concen: 2.93 ng

RT: 11.50 min Scan# 824

Delta R.T. 0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

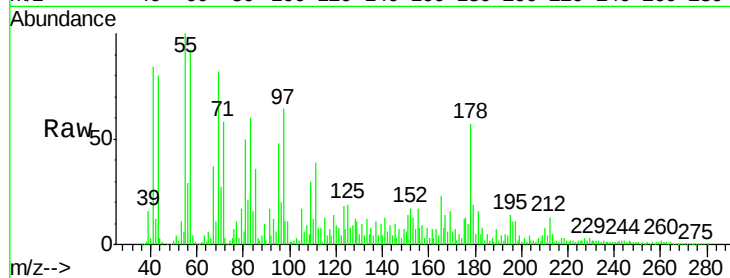
Tgt Ion:178 Resp: 92253

Ion Ratio Lower Upper

178 100

176 22.6 16.2 24.4

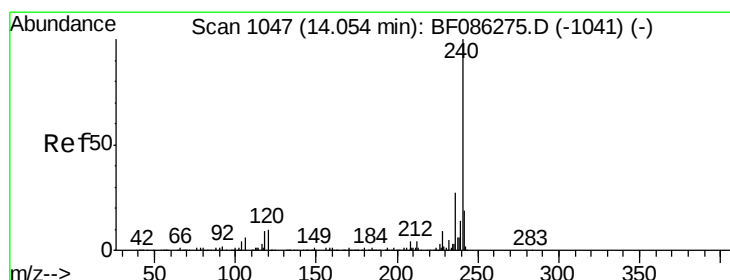
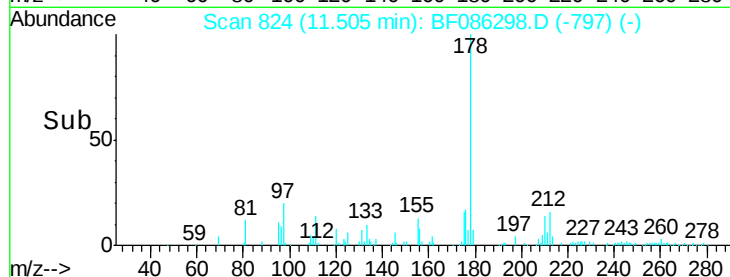
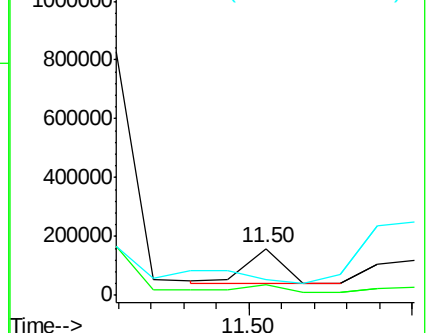
179 34.3 13.2 19.8#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

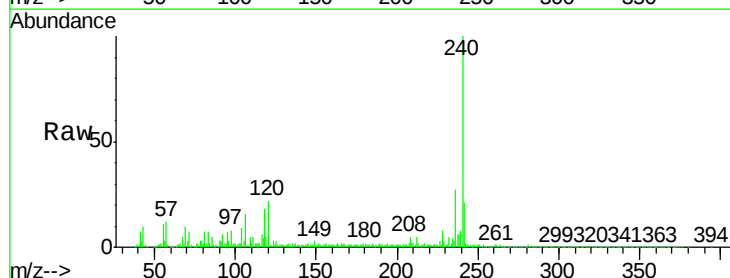
Tgt Ion:240 Resp: 463228

Ion Ratio Lower Upper

240 100

120 22.5 9.3 13.9#

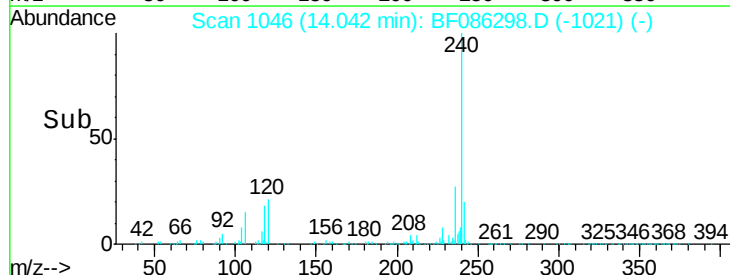
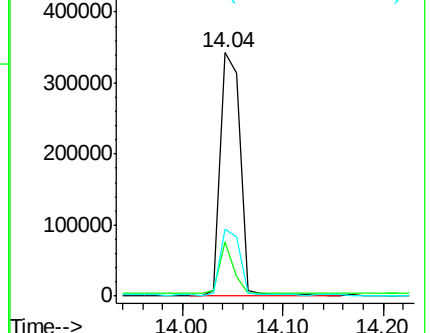
236 27.4 21.1 31.7

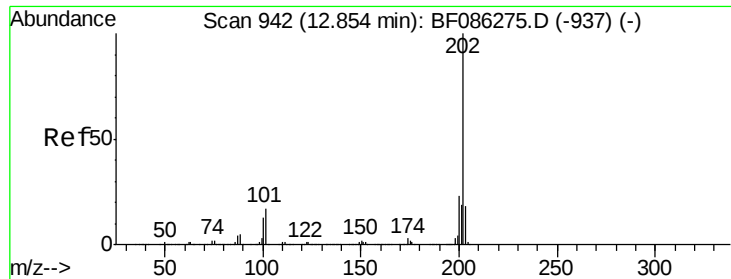


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 4.71 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL

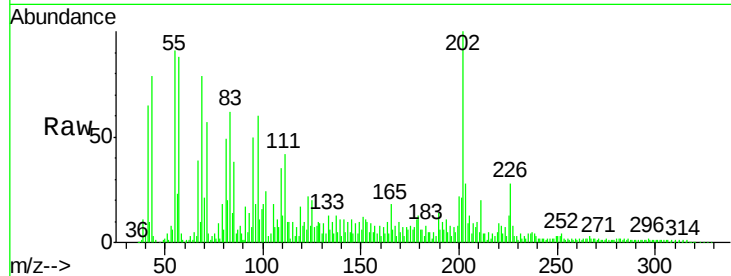
Tgt Ion:202 Resp: 167222

Ion Ratio Lower Upper

202 100

200 22.3 18.3 27.5

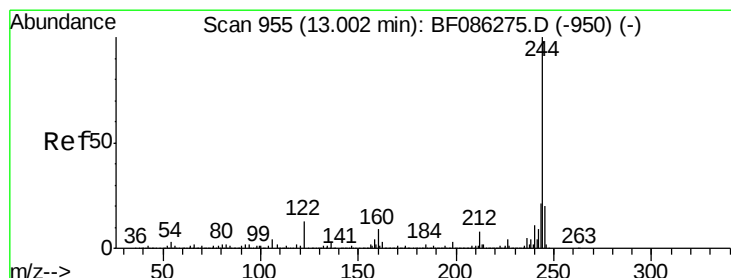
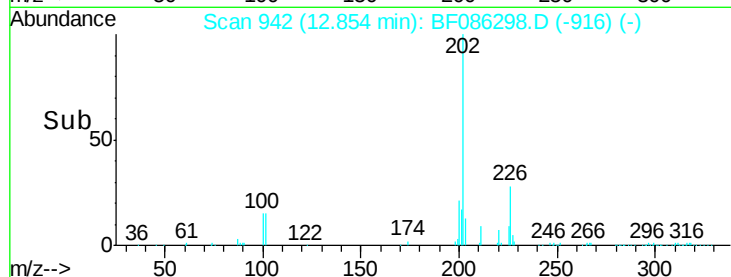
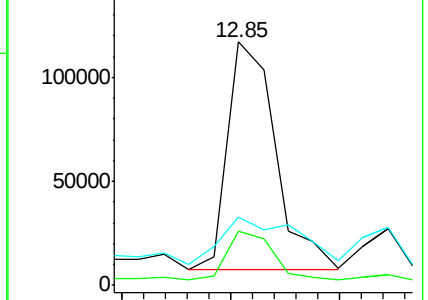
203 27.9 14.9 22.3#



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: 53.84 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086298.D

Acq: 18 Apr 2016 22:58

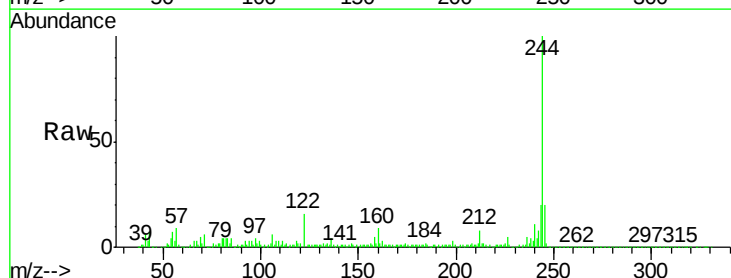
Tgt Ion:244 Resp: 991916

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

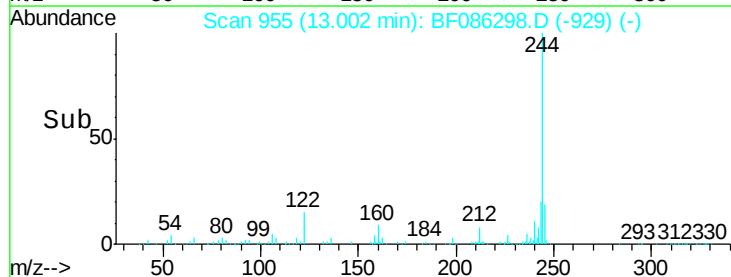
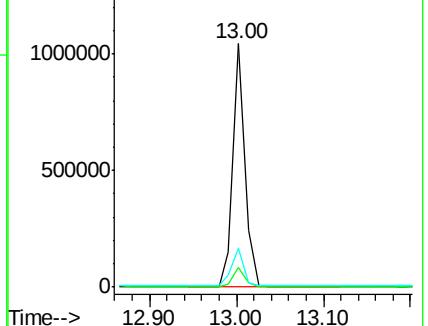
122 15.7 11.7 17.5

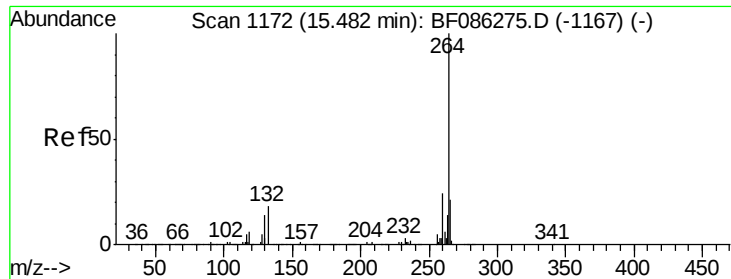


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

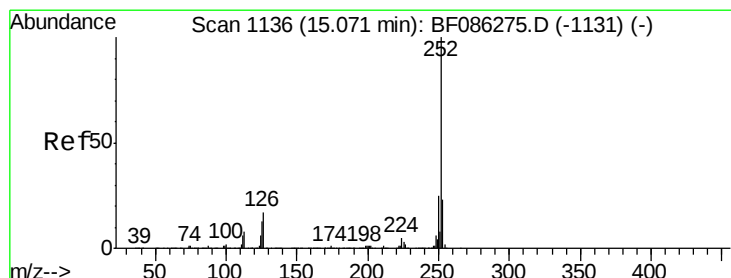
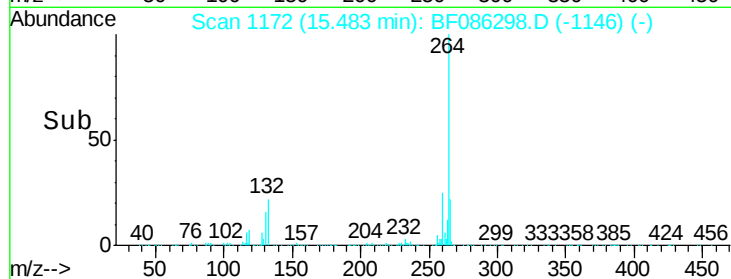
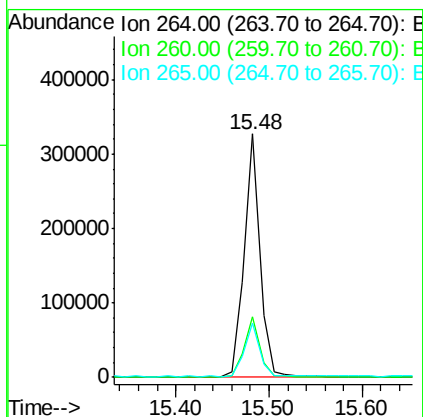
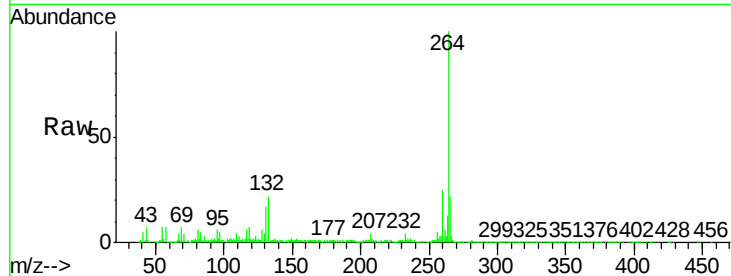




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

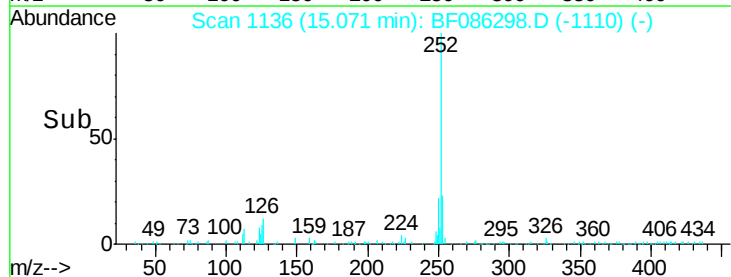
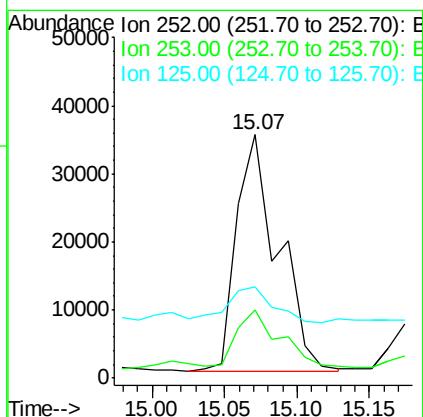
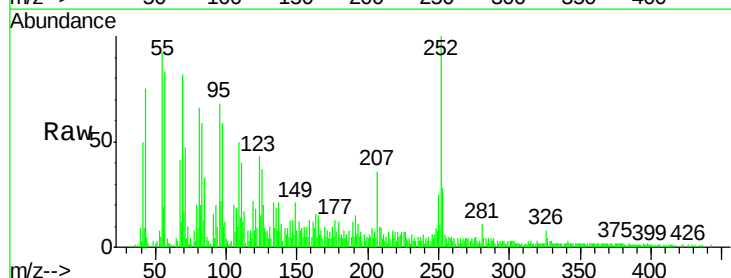
Instrument :
BNA_F
ClientSampleId :
B-929(0.3N)COMPDL

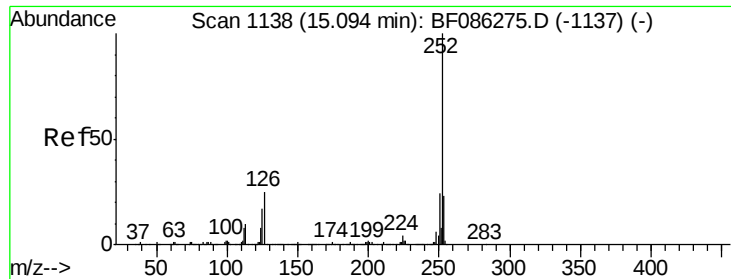
Tgt Ion:264 Resp: 382682
Ion Ratio Lower Upper
264 100
260 25.1 20.0 30.0
265 22.4 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.95 ng
RT: 15.07 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BF086298.D
Acq: 18 Apr 2016 22:58

Tgt Ion:252 Resp: 69705
Ion Ratio Lower Upper
252 100
253 28.3 17.7 26.5#
125 37.3 10.3 15.5#





#88

Benzo(k)fluoranthene

Concen: 3.24 ng

RT: 15.07 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF086298.D

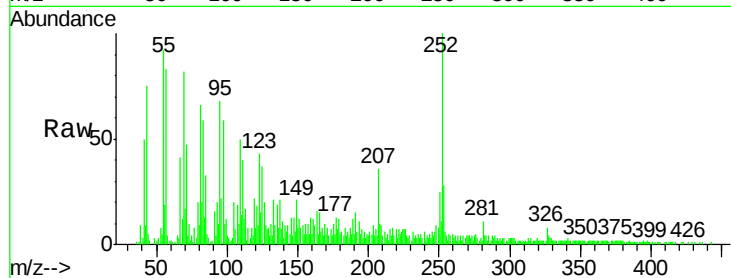
Acq: 18 Apr 2016 22:58

Instrument :

BNA_F

ClientSampleId :

B-929(0.3N)COMPDL



Tgt Ion:	252	Resp:	69705
Ion Ratio	Lower	Upper	
252	100		
253	28.3	17.5	26.3#
125	37.3	7.8	11.6#

