

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113923.D
 Acq On : 23 Apr 2019 16:33
 Operator : JU/SJ
 Sample : K2518-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:04:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	133531	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	460588	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	209960	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	387567	20.00	ng	0.00
76) Chrysene-d12	14.06	240	370065	20.00	ng	-0.01
87) Perylene-d12	15.55	264	319844	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	957260	122.61	ng	0.01
7) Phenol-d6	6.53	99	1207593	123.29	ng	0.00
23) Nitrobenzene-d5	7.46	82	686723	92.06	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	311229	121.68	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1156569	86.15	ng	0.00
79) Terphenyl-d14	13.00	244	1200635	66.51	ng	0.00

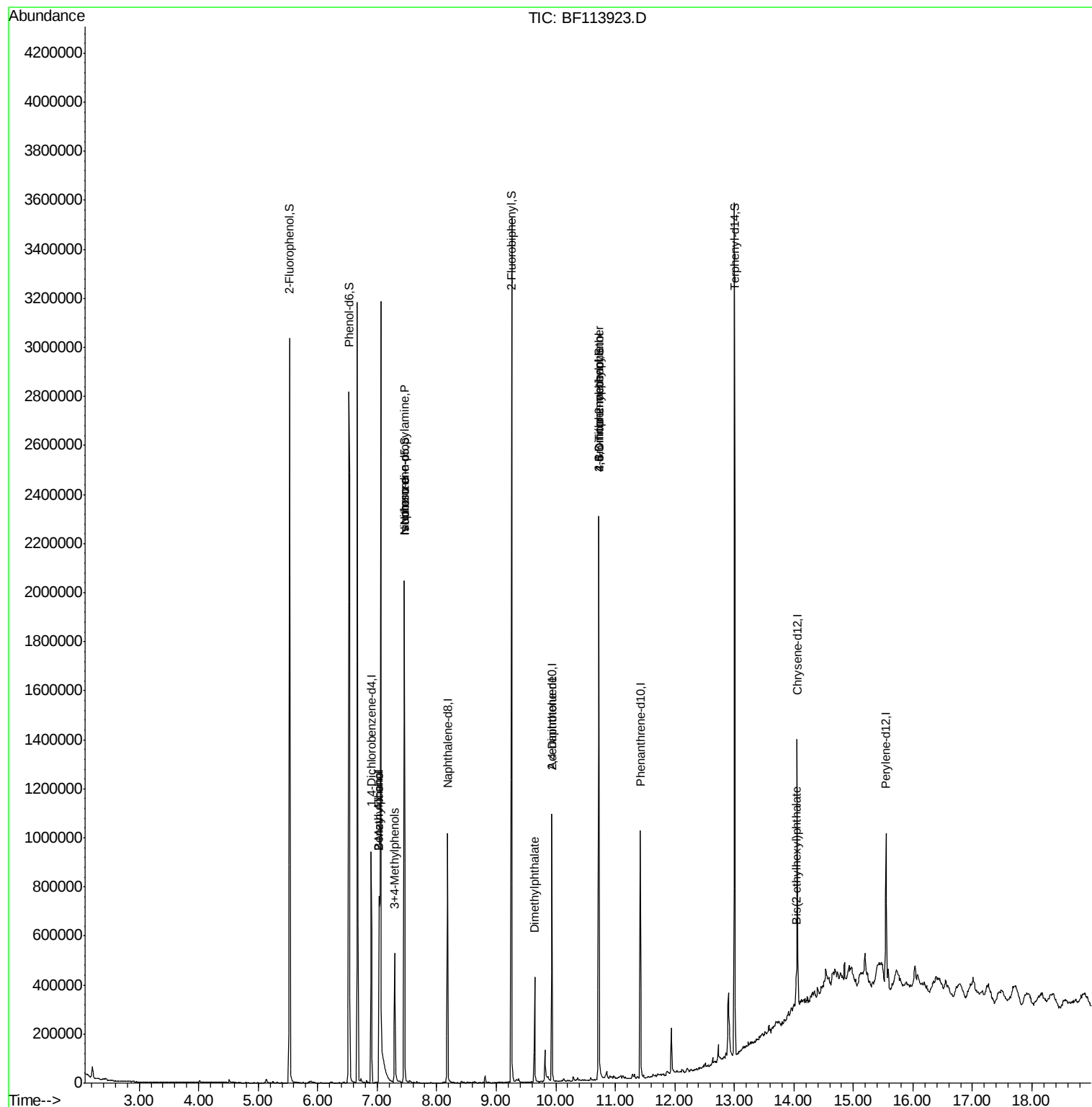
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	697	Below Cal		# 68
15) Benzyl Alcohol	7.03	79	329852	50.001	ng	98
17) 2-Methylphenol	7.03	107	175083	22.408	ng	# 14
19) n-Nitroso-di-n-propylamine	7.46	70	91934	14.493	ng	# 77
20) 3+4-Methylphenols	7.29	107	159390	18.056	ng	# 73
25) Isophorone	7.46	82	686710	44.990	ng	# 65
50) Dimethylphthalate	9.65	163	185755	12.233	ng	97
57) 2,4-Dinitrotoluene	9.93	165	26895	6.541	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.72	198	530	7.561	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	19360	4.135	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.04	149	31802	2.455	ng	98

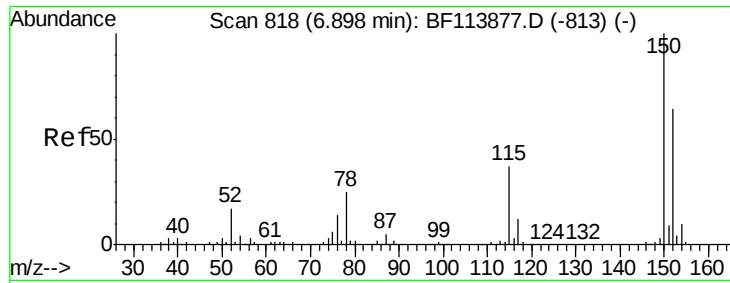
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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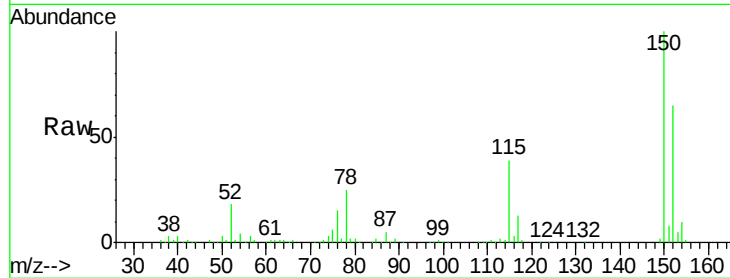




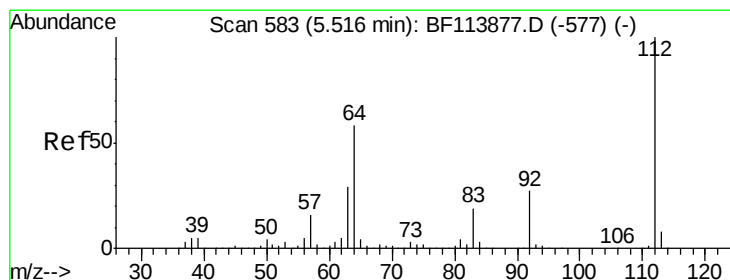
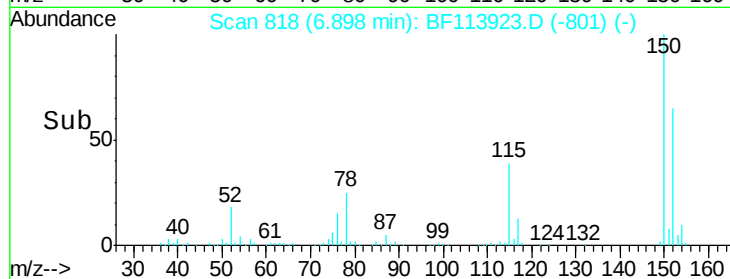
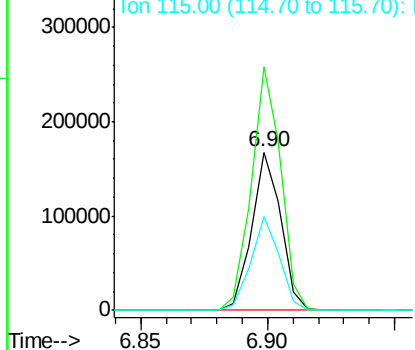
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 133531
 Ion Ratio Lower Upper
 152 100
 150 154.1 125.9 188.9
 115 59.5 45.9 68.9

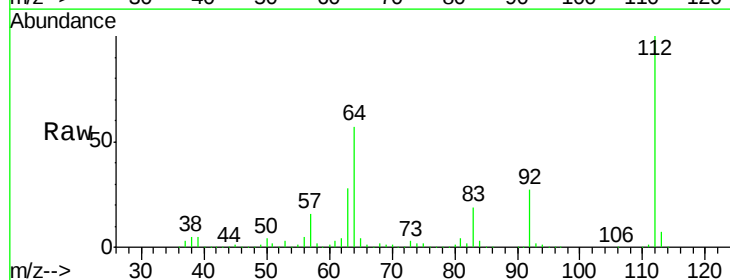


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

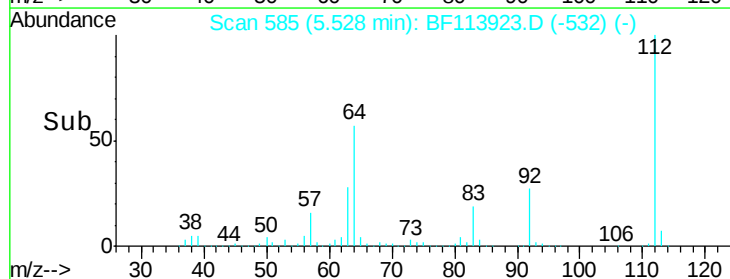
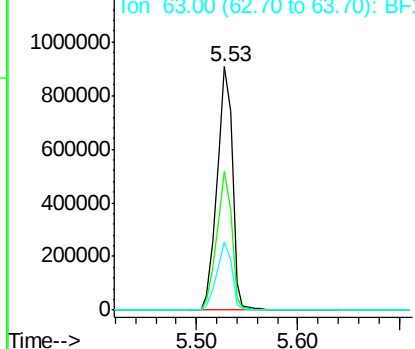


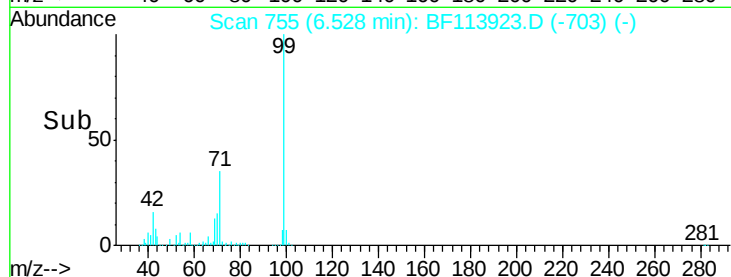
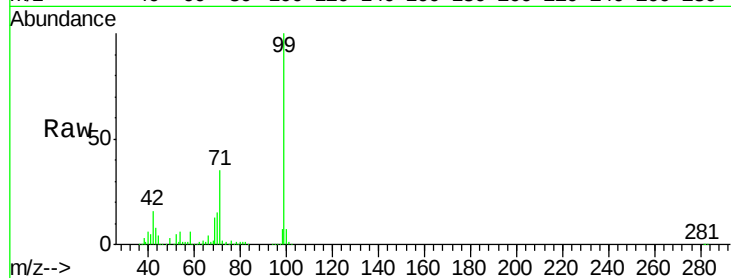
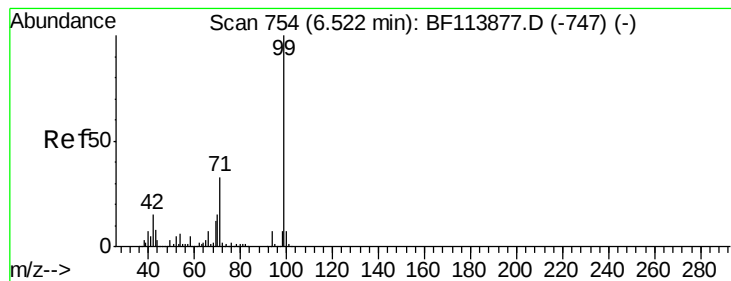
#5
 2-Fluorophenol
 Concen: 122.612 ng
 RT: 5.53 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

Tgt Ion:112 Resp: 957260
 Ion Ratio Lower Upper
 112 100
 64 57.1 46.6 69.8
 63 28.3 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 123.286 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Instrument :

BNA_F

ClientSampleId :

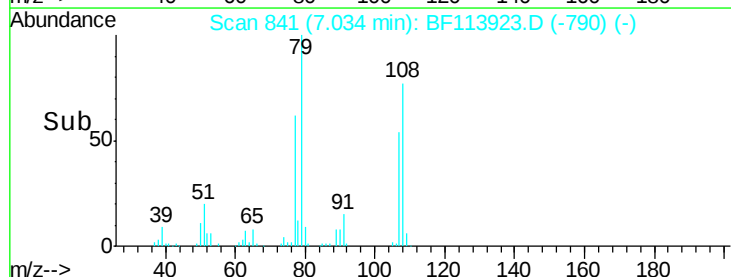
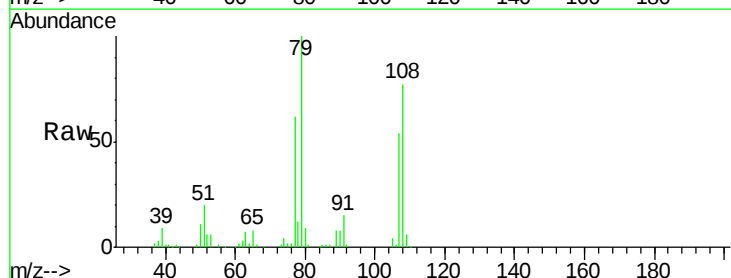
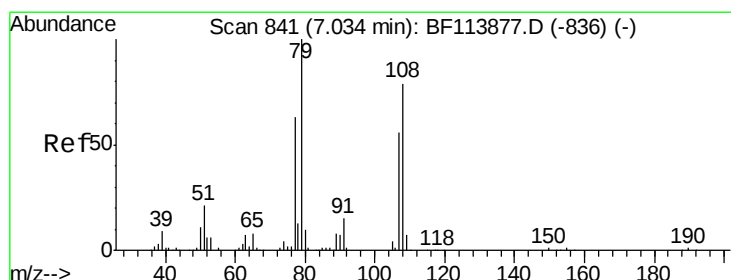
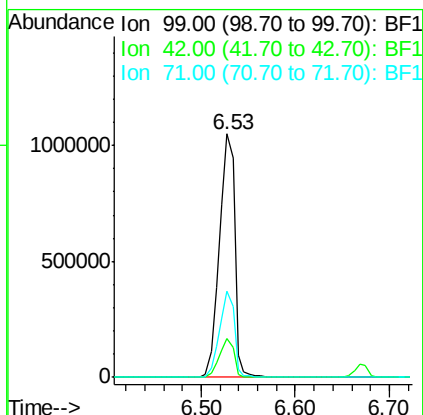
Tot Ion: 99 Resp: 1207593

Ion Ratio Lower Upper

99 100

42 15.8 12.5 18.7

71 35.4 26.9 40.3



#15

Benzyl Alcohol

Concen: 50.001 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

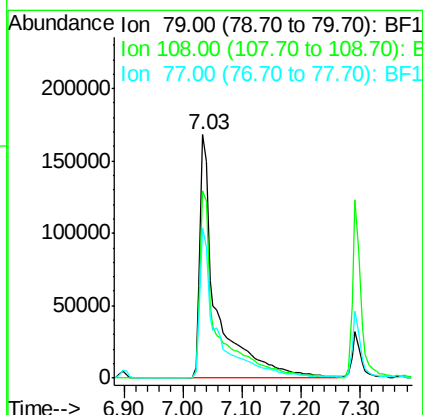
Tgt Ion: 79 Resp: 329852

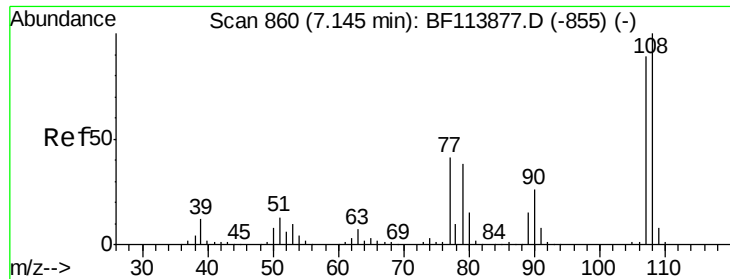
Ion Ratio Lower Upper

79 100

108 77.1 61.4 92.0

77 61.9 51.6 77.4





#17

2-Methylphenol

Concen: 22.408 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.11 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 175083

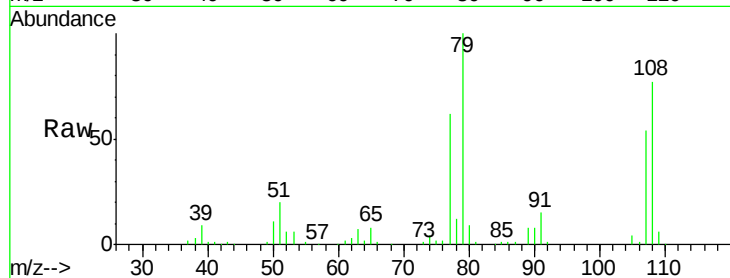
Ion Ratio Lower Upper

107 100

108 142.9 91.5 137.3#

77 114.8 36.2 54.4#

79 185.5 35.4 53.0#

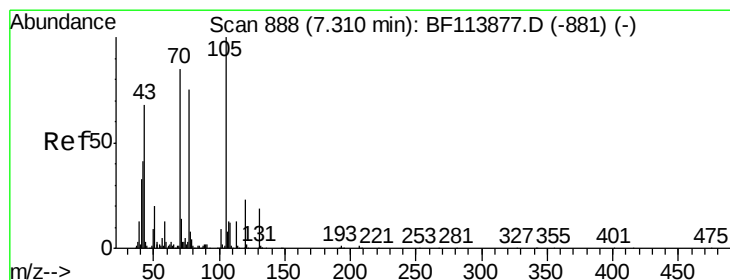
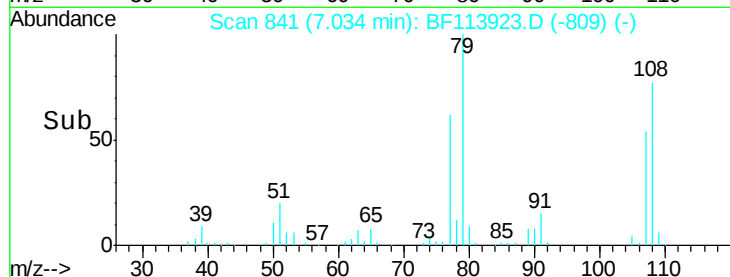
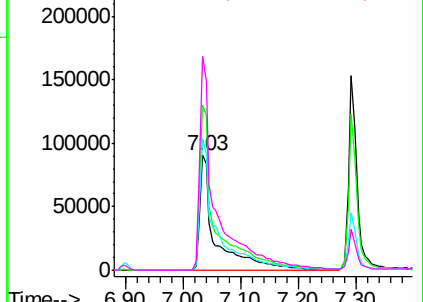


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.493 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Tgt Ion: 70 Resp: 91934

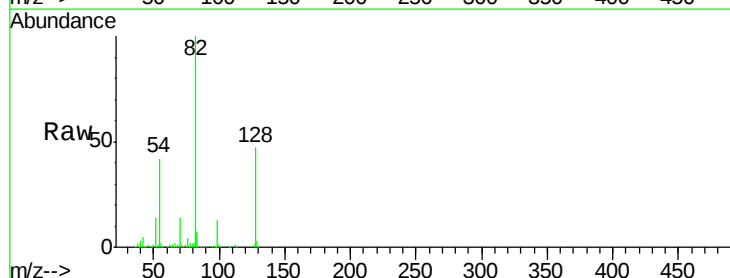
Ion Ratio Lower Upper

70 100

42 38.7 37.3 55.9

101 0.0 7.8 11.8#

130 2.0 18.2 27.2#

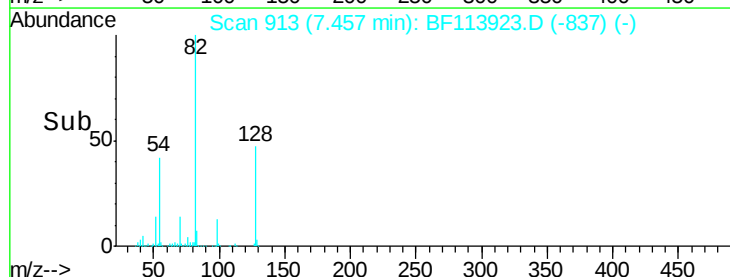
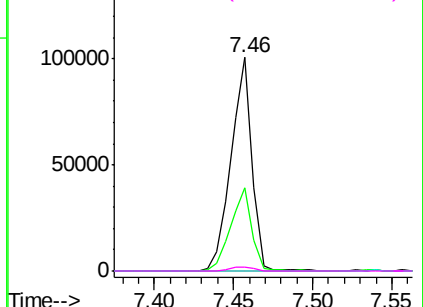


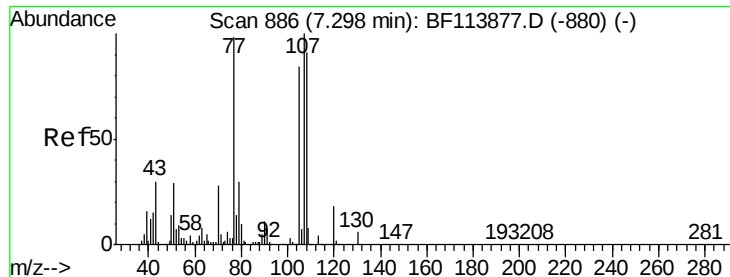
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

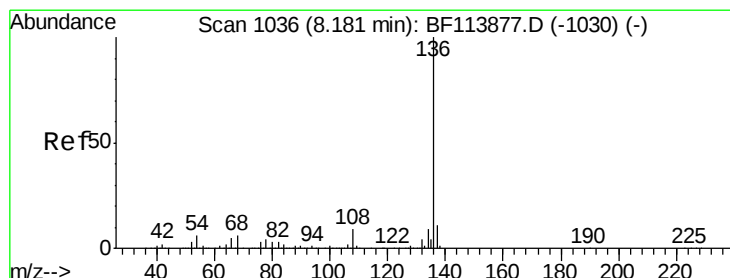
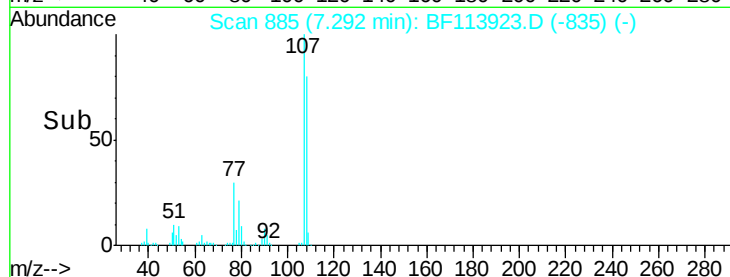
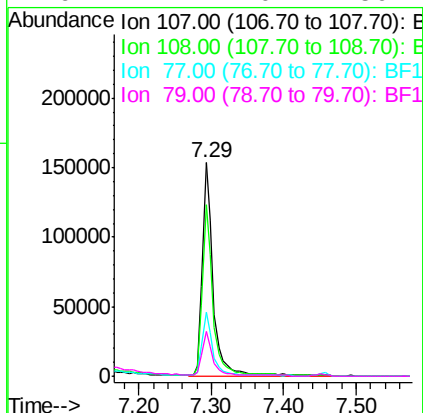
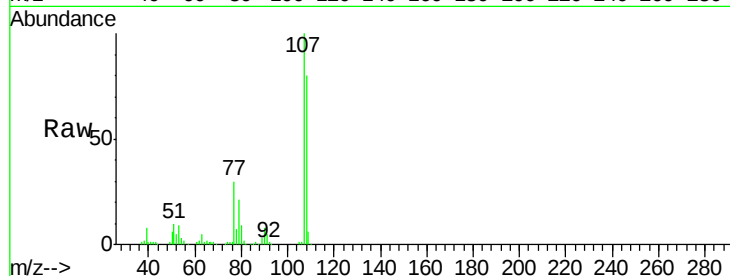




#20
3+4-Methylphenols
Concen: 18.056 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF113923.D
Acq: 23 Apr 2019 16:33

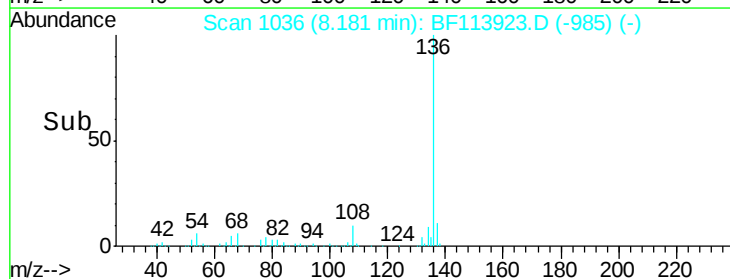
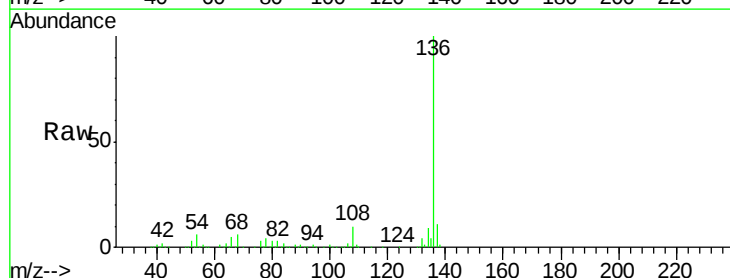
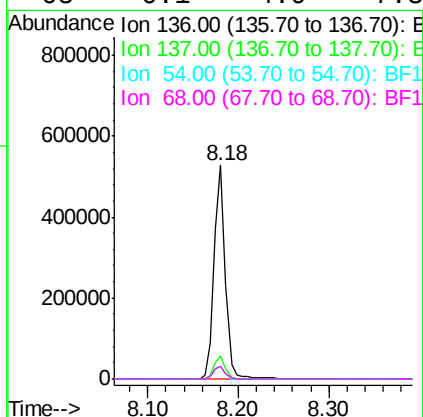
Instrument :
BNA_F
ClientSampleId :

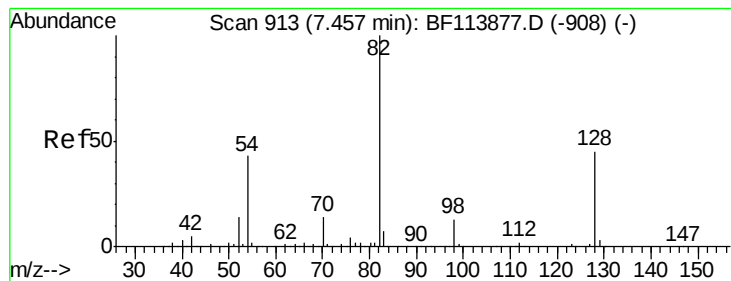
Tot Ion:107 Resp: 159390
Ion Ratio Lower Upper
107 100
108 80.3 70.1 110.1
77 29.8 52.9 92.9#
79 21.1 10.2 50.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113923.D
Acq: 23 Apr 2019 16:33

Tgt Ion:136 Resp: 460588
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.0 5.0 7.6
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 92.058 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Instrument :

BNA_F

ClientSampled :

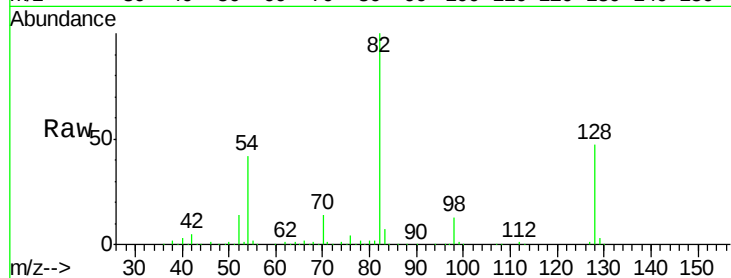
Tot Ion: 82 Resp: 686723

Ion Ratio Lower Upper

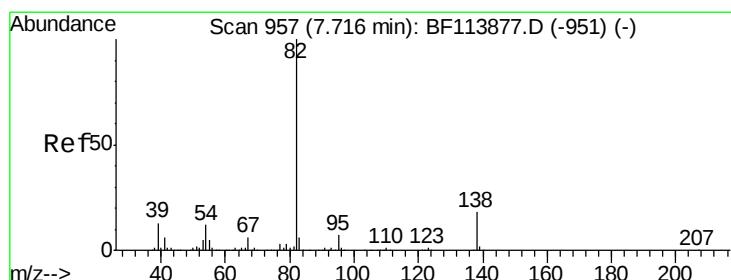
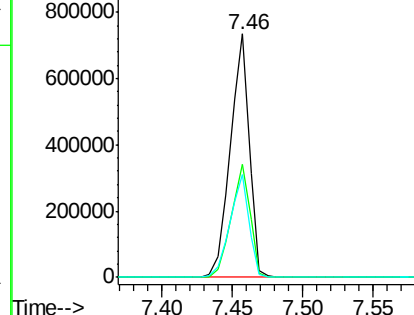
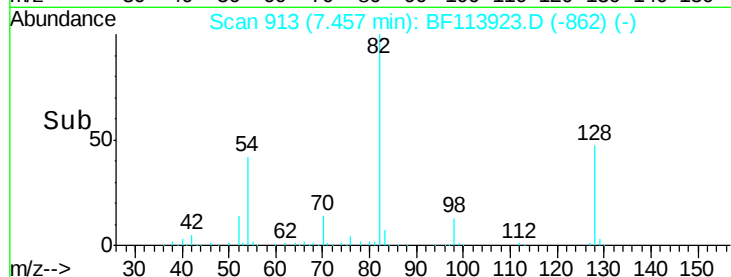
82 100

128 46.7 36.8 55.2

54 42.3 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 44.990 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

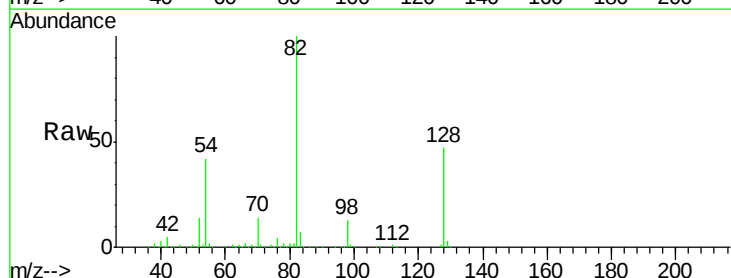
Tgt Ion: 82 Resp: 686710

Ion Ratio Lower Upper

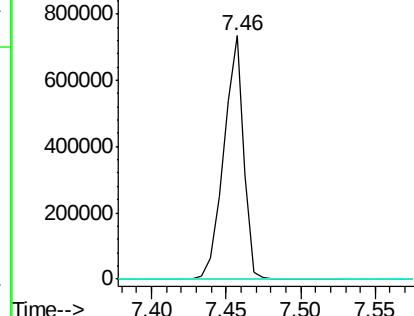
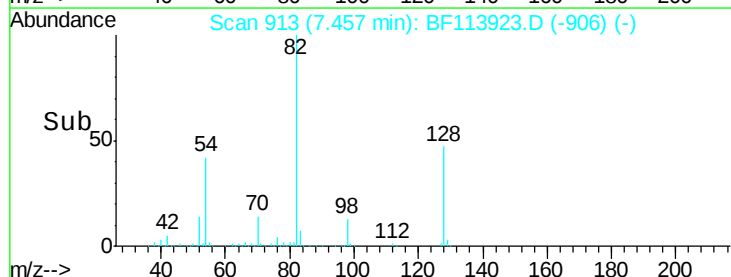
82 100

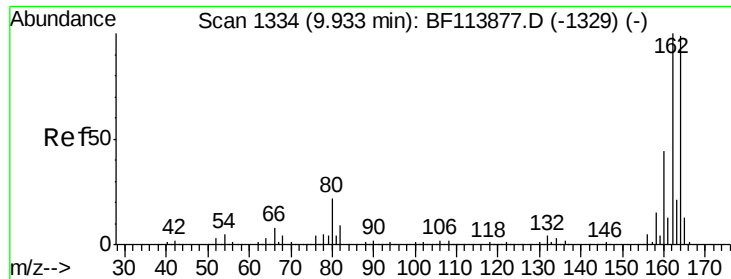
95 0.0 5.4 8.2#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Instrument :

BNA_F

ClientSampleId :

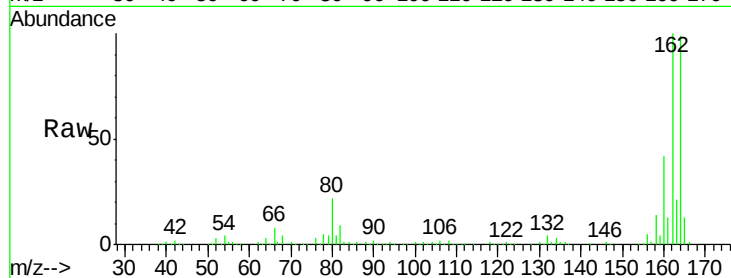
Tot Ion:164 Resp: 209960

Ion Ratio Lower Upper

164 100

162 101.2 81.1 121.7

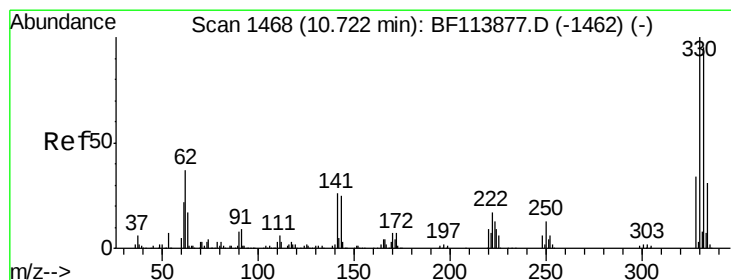
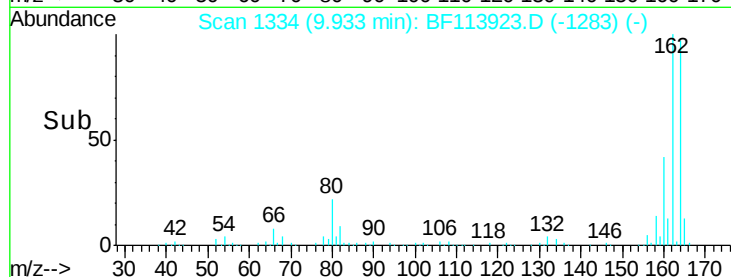
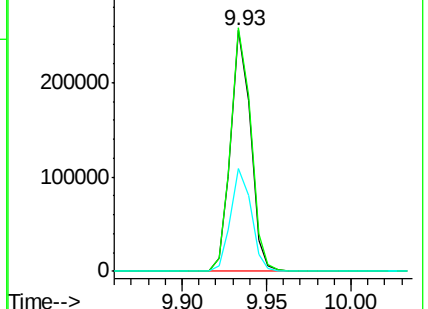
160 42.8 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 121.681 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

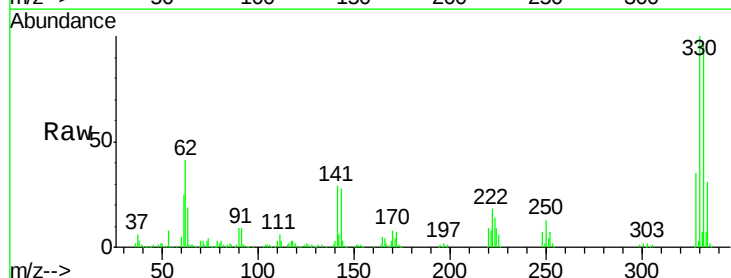
Tgt Ion:330 Resp: 311229

Ion Ratio Lower Upper

330 100

332 96.4 77.5 116.3

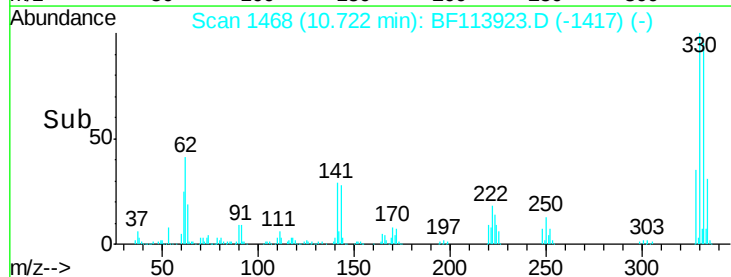
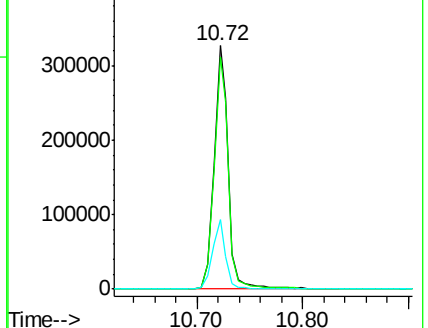
141 26.7 22.2 33.2

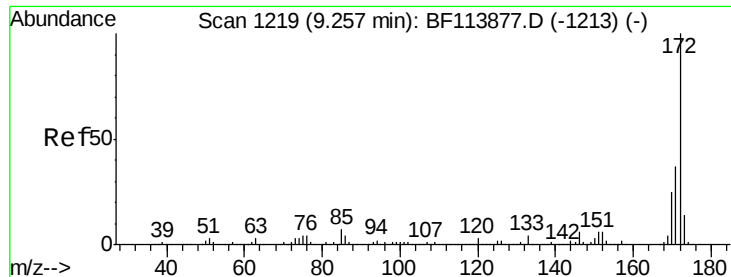


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

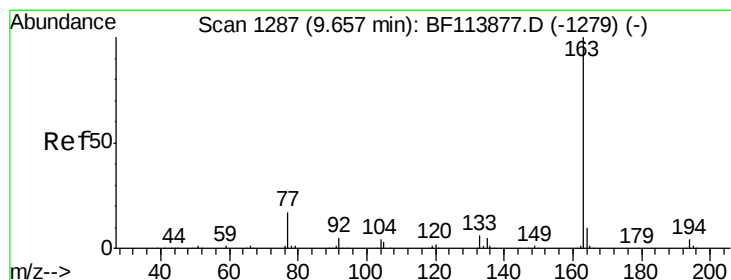
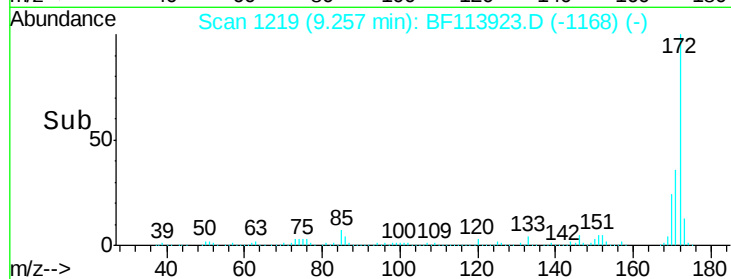
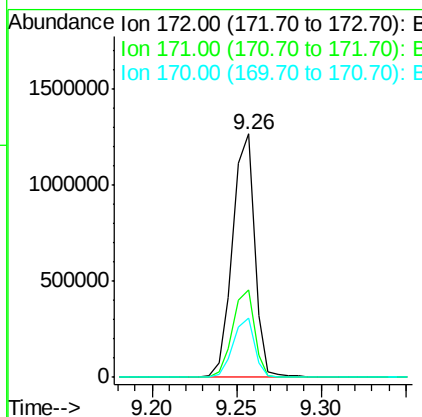
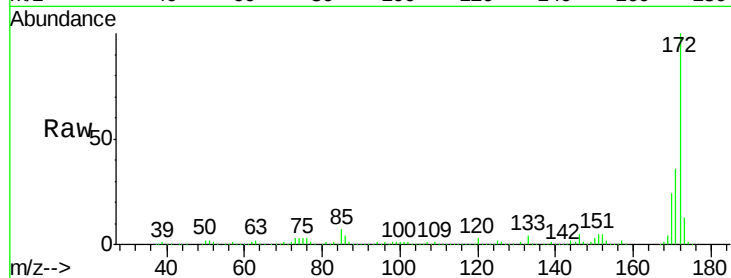




#45
2-Fluorobiphenyl
Concen: 86.155 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113923.D
Acq: 23 Apr 2019 16:33

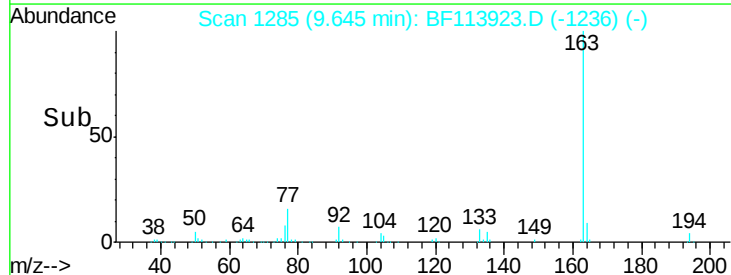
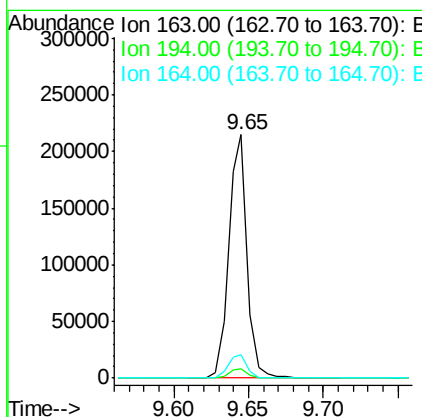
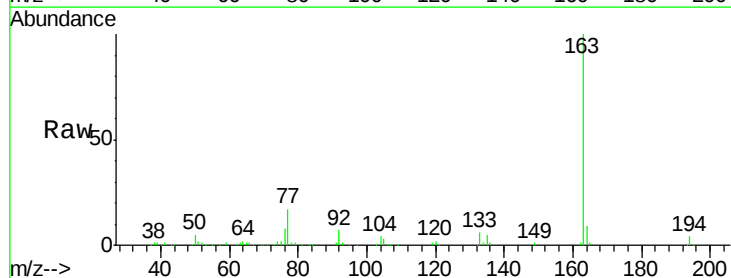
Instrument :
BNA_F
ClientSampleId :

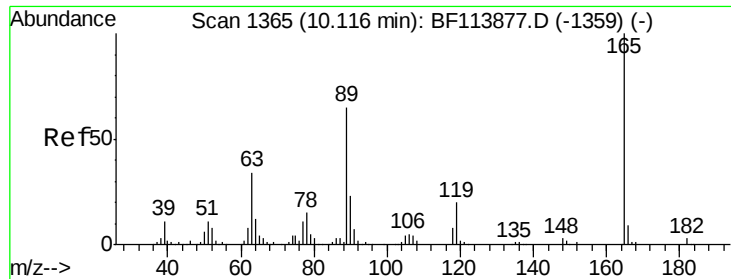
Tot Ion:172 Resp: 1156569
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.3 19.9 29.9



#50
Dimethylphthalate
Concen: 12.233 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF113923.D
Acq: 23 Apr 2019 16:33

Tgt Ion:163 Resp: 185755
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 9.4 8.5 12.7

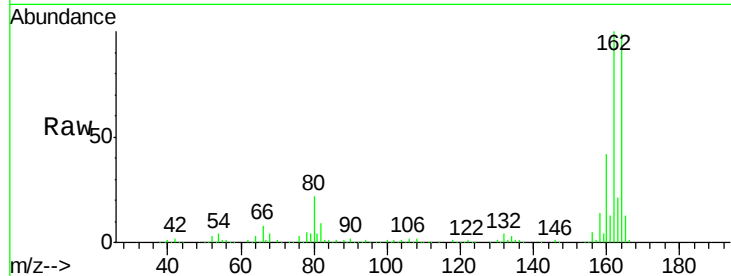




#57
 2,4-Dinitrotoluene
 Concen: 6.541 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.18 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:165	Resp:	26895
Ion Ratio	Lower	Upper
165	100	
63	1.3	27.4 41.0#
89	1.4	51.8 77.6#
182	0.0	2.2 3.2#

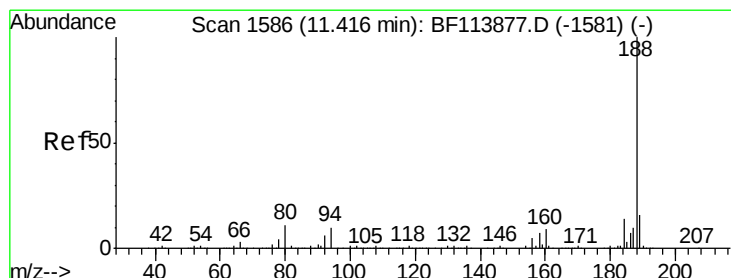
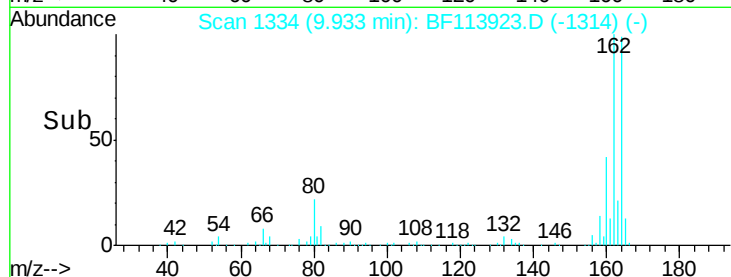
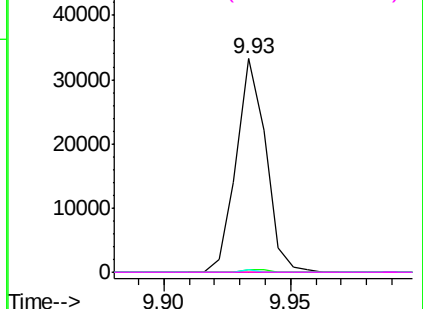


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

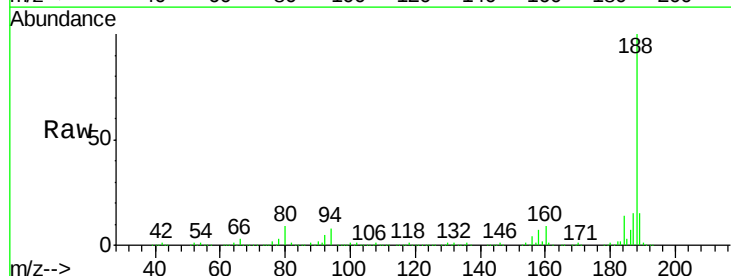
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

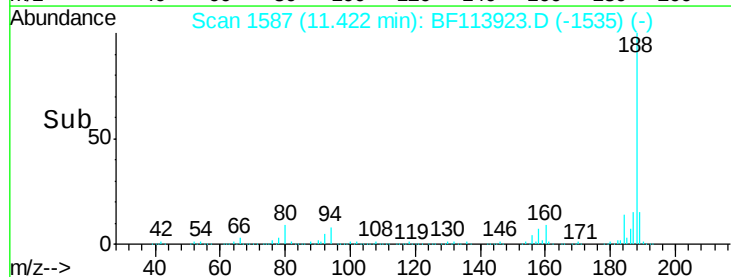
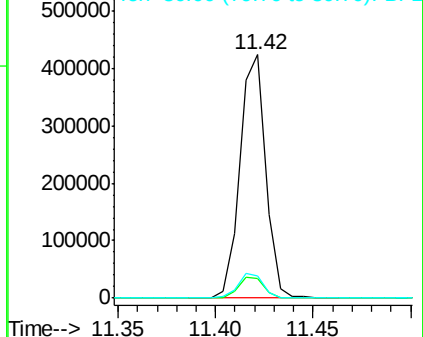
Tgt Ion:188	Resp:	387567
Ion Ratio	Lower	Upper
188	100	
94	8.2	8.2 12.4#
80	8.9	9.0 13.6#

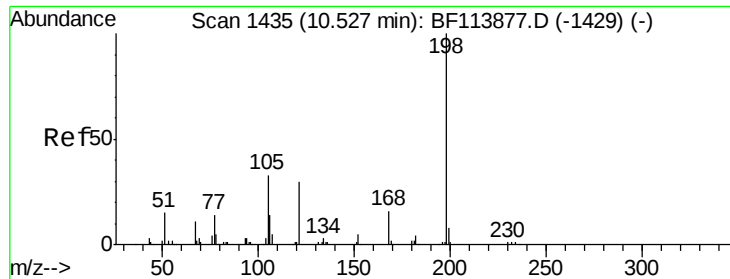


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

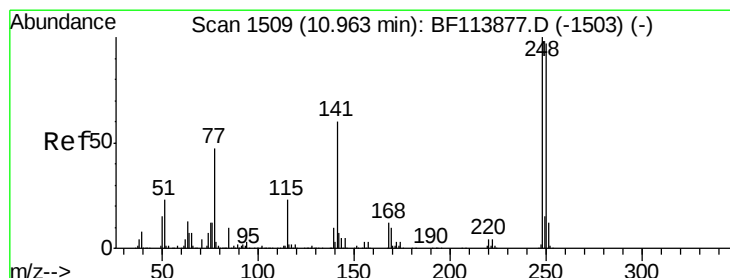
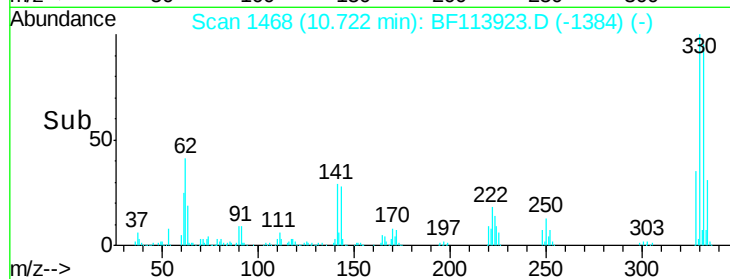
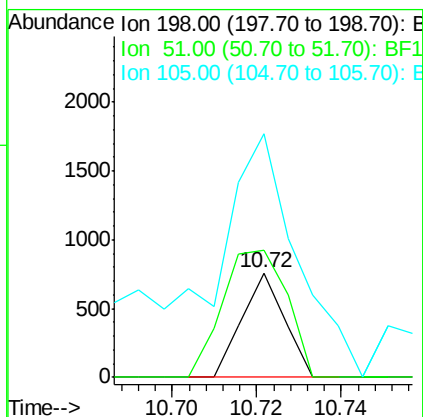
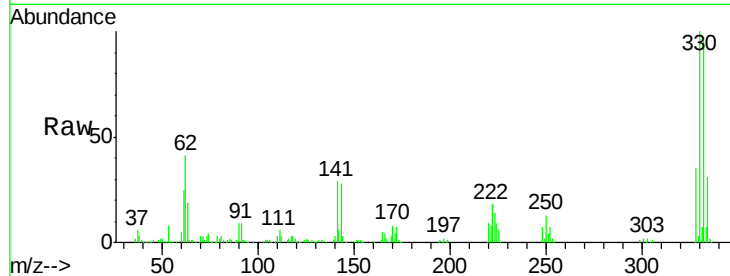




#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.561 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

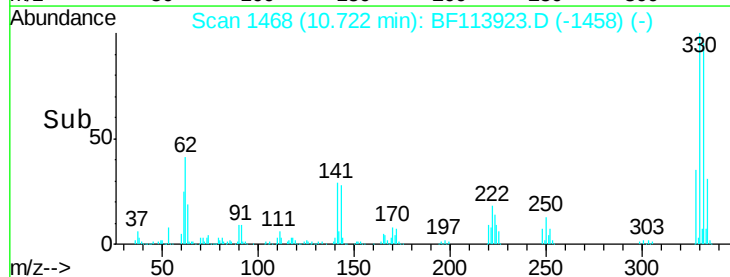
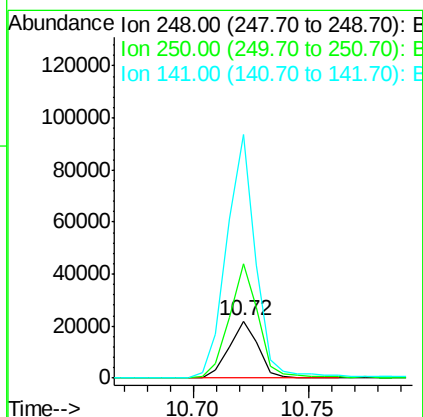
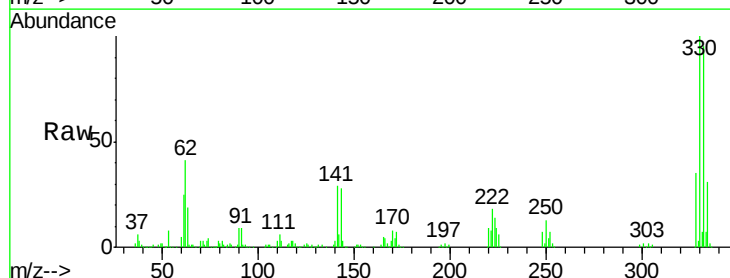
Instrument :
 BNA_F
 ClientSampleId :

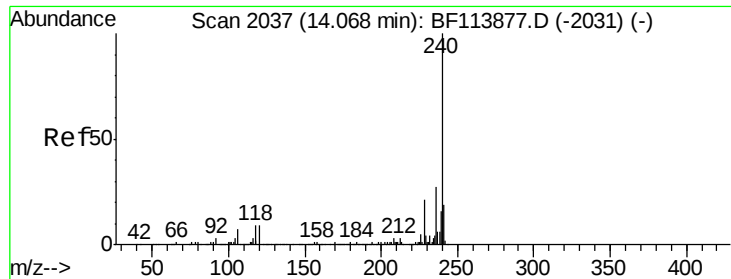
Tot Ion:198 Resp: 530
 Ion Ratio Lower Upper
 198 100
 51 121.6 11.1 51.1#
 105 232.5 20.7 60.7#



#67
 4-Bromophenyl-phenylether
 Concen: 4.135 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.24 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

Tgt Ion:248 Resp: 19360
 Ion Ratio Lower Upper
 248 100
 250 199.8 75.8 113.6#
 141 425.8 50.2 75.4#

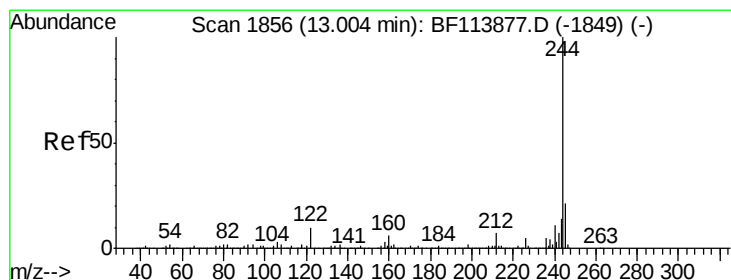
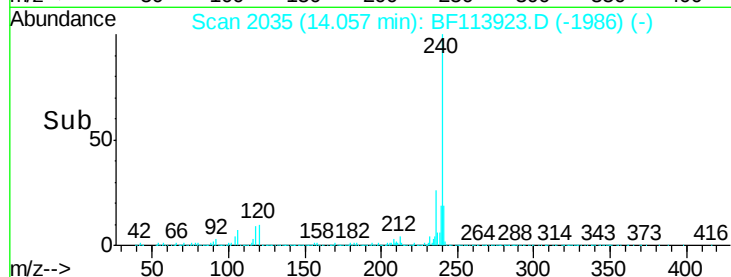
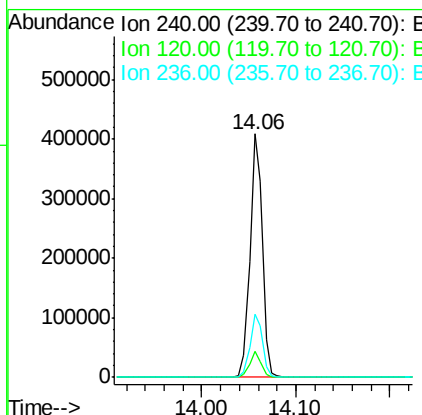
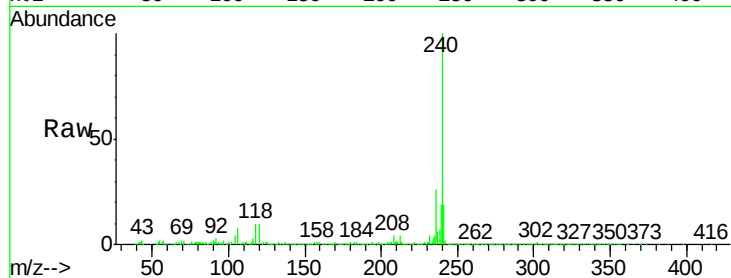




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

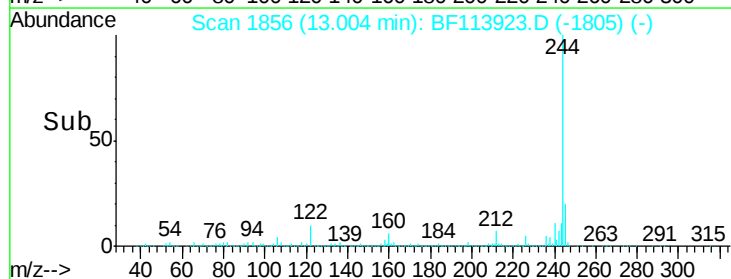
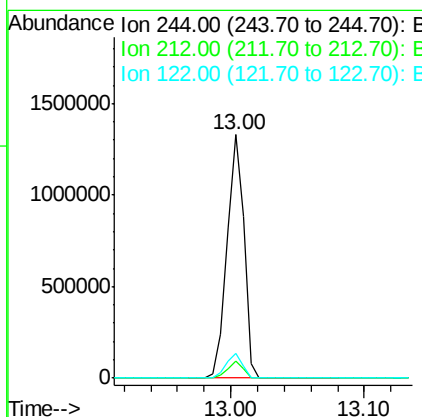
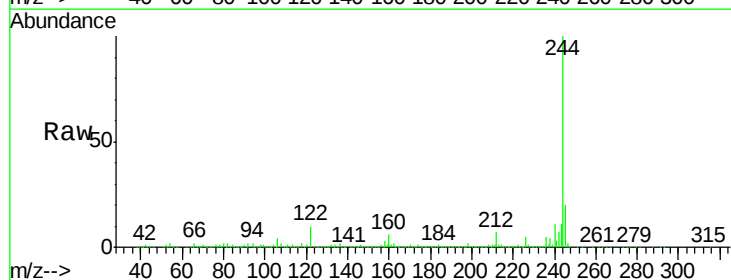
Instrument :
 BNA_F
 ClientSampleId :

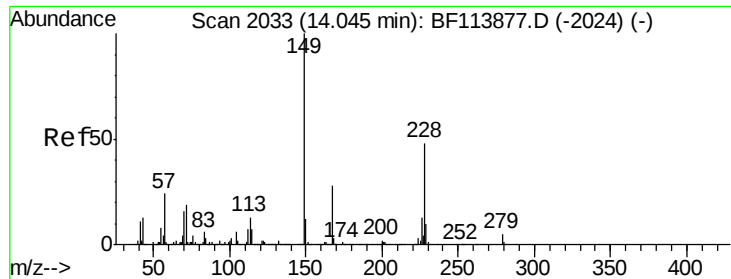
Tot Ion:240 Resp: 370065
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.3 13.9
 236 26.0 21.2 31.8



#79
 Terphenyl-d14
 Concen: 66.514 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113923.D
 Acq: 23 Apr 2019 16:33

Tgt Ion:244 Resp: 1200635
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.2 7.6 11.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.455 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

Instrument :

BNA_F

ClientSampleId :

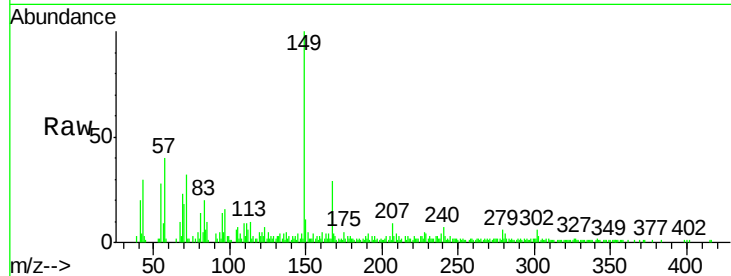
Tot Ion:149 Resp: 31802

Ion Ratio Lower Upper

149 100

167 29.4 22.9 34.3

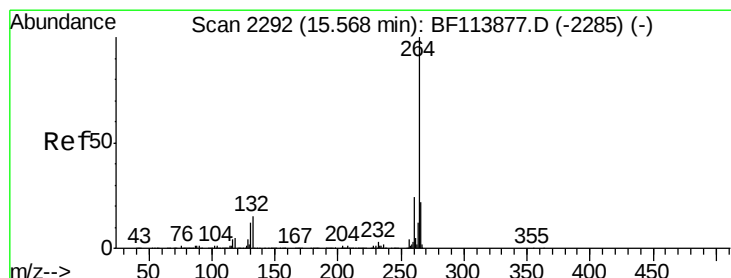
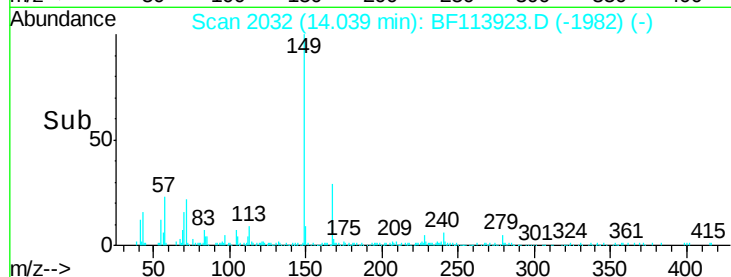
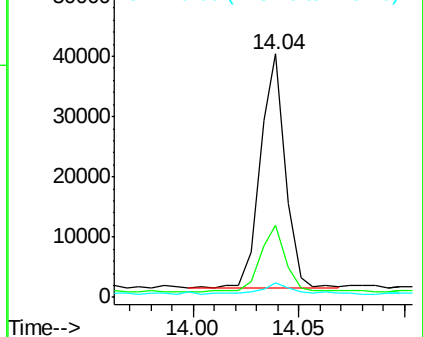
279 5.8 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113923.D

Acq: 23 Apr 2019 16:33

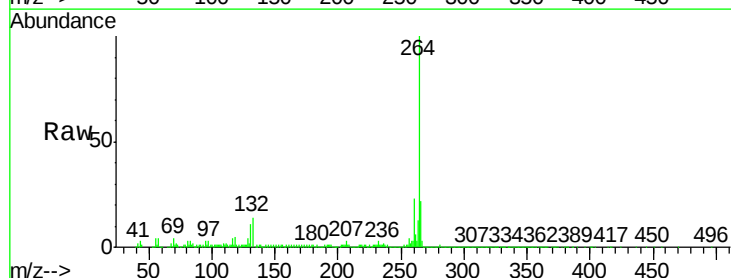
Tgt Ion:264 Resp: 319844

Ion Ratio Lower Upper

264 100

260 23.0 18.9 28.3

265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

