

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113929.D
 Acq On : 23 Apr 2019 19:12
 Operator : JU/SJ
 Sample : K2532-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:05:43 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

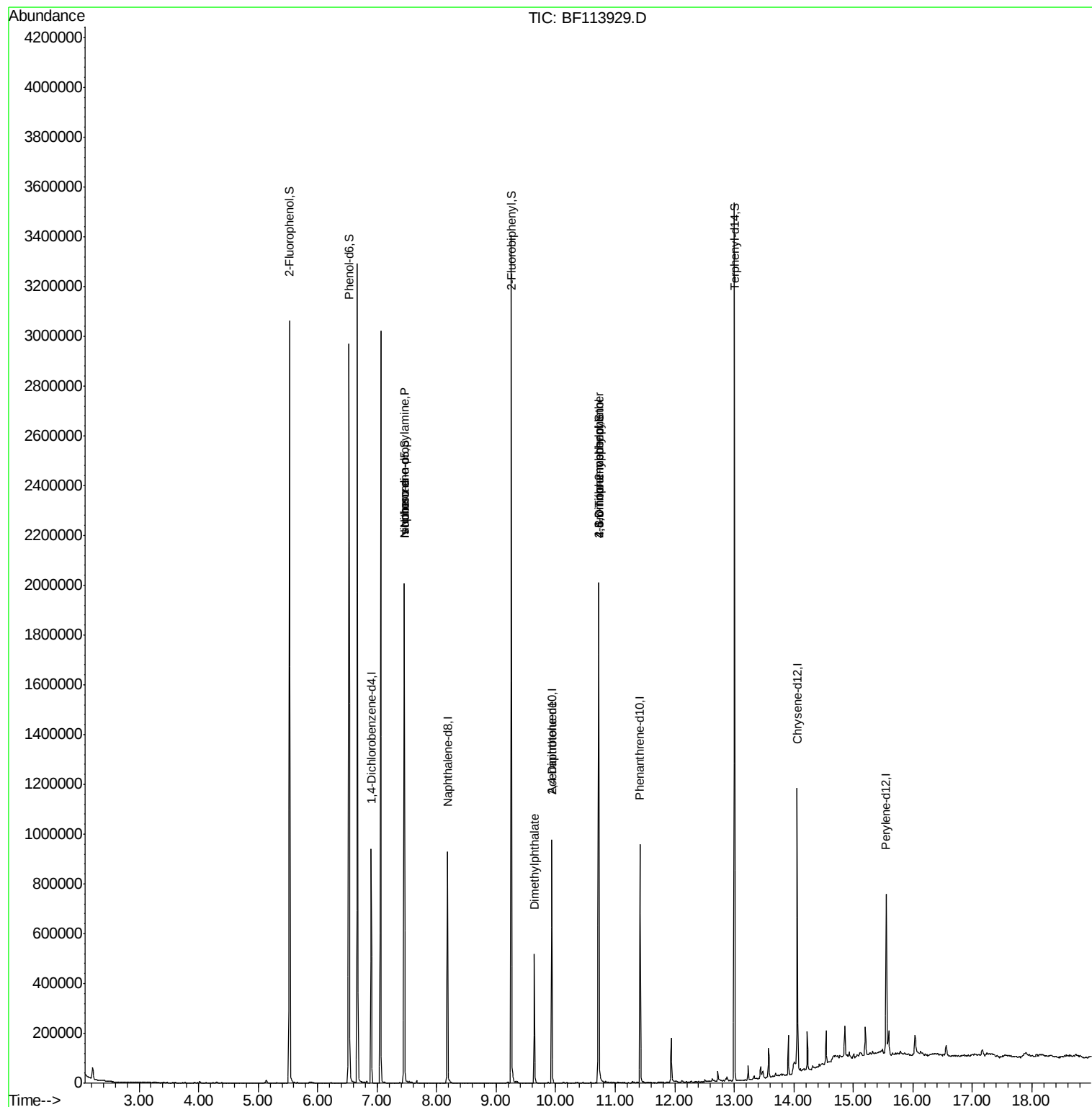
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	127834	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	436514	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	190025	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	341186	20.00	ng	0.00
76) Chrysene-d12	14.06	240	368885	20.00	ng	-0.01
87) Perylene-d12	15.55	264	322156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	923958	123.62	ng	0.01
7) Phenol-d6	6.53	99	1159064	123.60	ng	0.00
23) Nitrobenzene-d5	7.46	82	690318	97.64	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	277142	119.72	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1132022	93.17	ng	0.00
79) Terphenyl-d14	13.00	244	1245935	69.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.67	77	21510	Below Cal		85
19) n-Nitroso-di-n-propylamine	7.46	70	92700	15.265 ng	#	77
25) Isophorone	7.46	82	685462	47.385 ng	#	65
50) Dimethylphthalate	9.64	163	215760	15.700 ng		100
57) 2,4-Dinitrotoluene	9.93	165	23945	6.434 ng	#	29
65) 4,6-Dinitro-2-methylphenol	10.72	198	406	7.528 ng	#	1
67) 4-Bromophenyl-phenylether	10.72	248	17052	4.137 ng	#	1

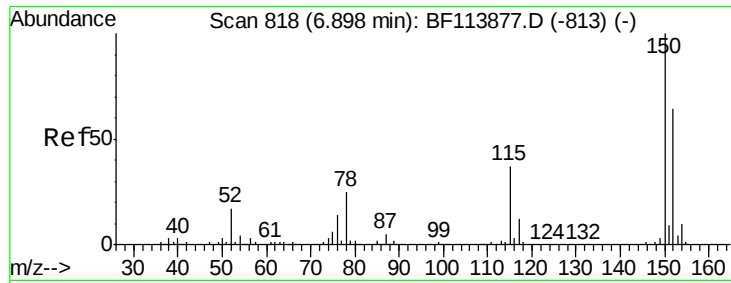
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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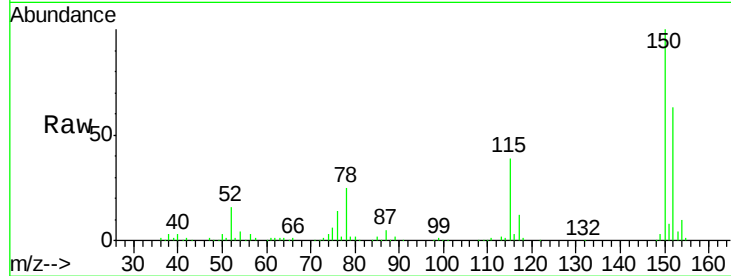


#1

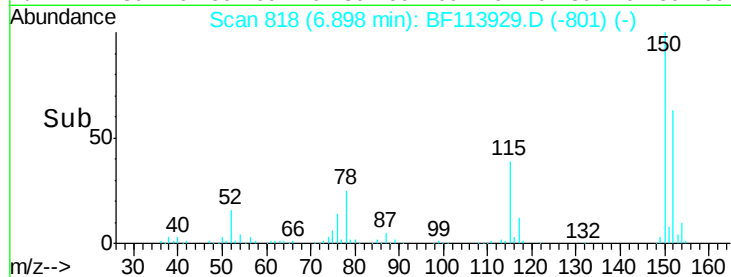
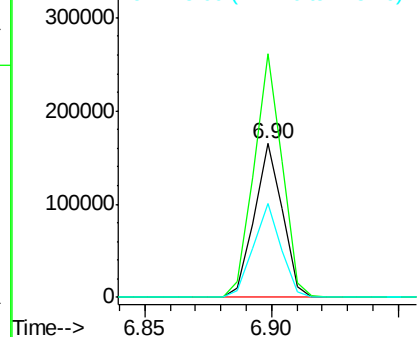
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 127834
Ion Ratio Lower Upper
152 100
150 158.1 125.9 188.9
115 61.3 45.9 68.9



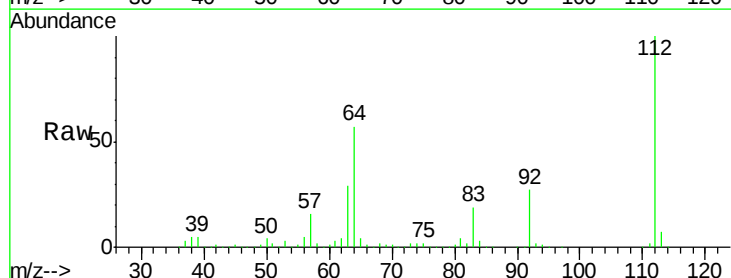
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



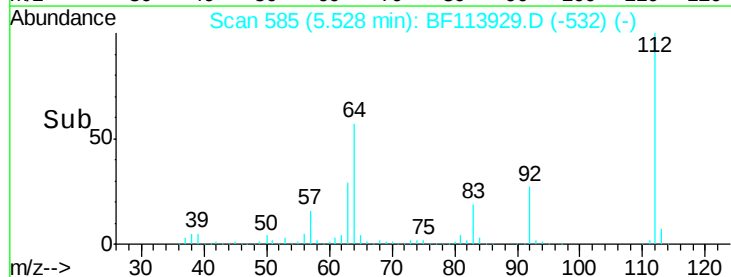
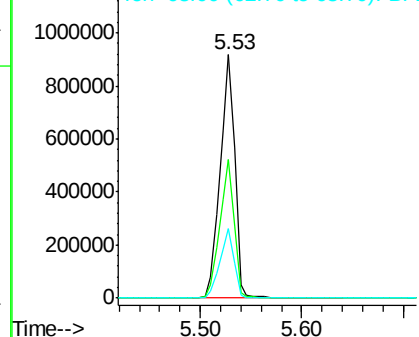
#5

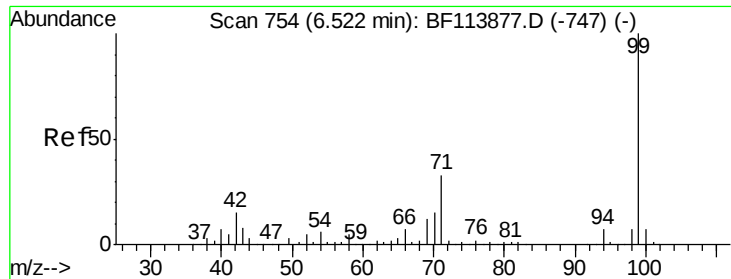
2-Fluorophenol
Concen: 123.621 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Tgt Ion:112 Resp: 923958
Ion Ratio Lower Upper
112 100
64 57.1 46.6 69.8
63 28.6 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: 123.605 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampled :

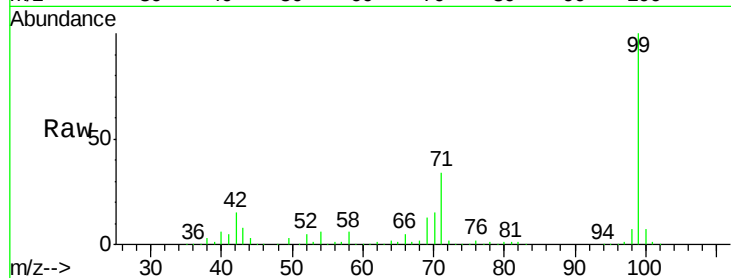
Tot Ion: 99 Resp: 1159064

Ion Ratio Lower Upper

99 100

42 15.3 12.5 18.7

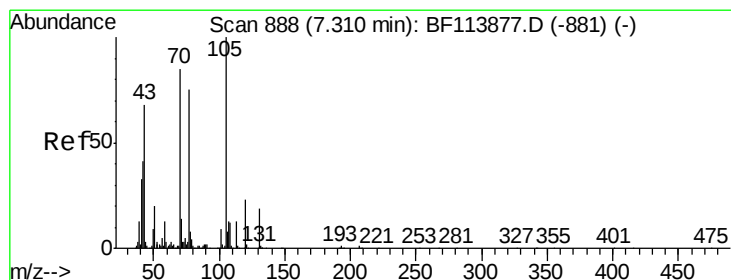
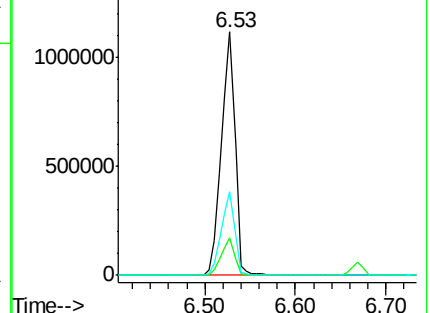
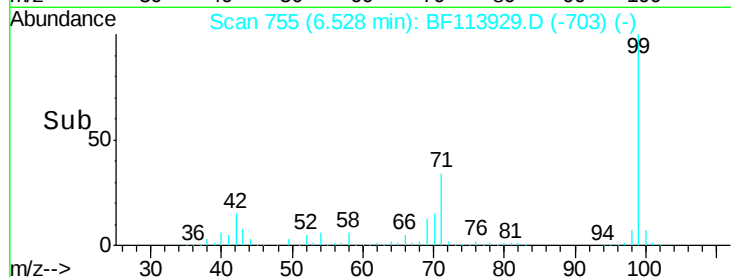
71 34.4 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 15.265 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Tgt Ion: 70 Resp: 92700

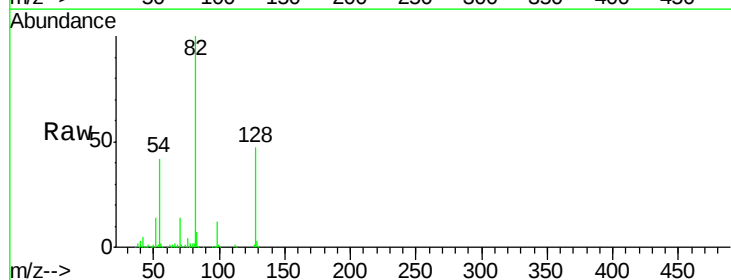
Ion Ratio Lower Upper

70 100

42 38.4 37.3 55.9

101 0.0 7.8 11.8#

130 2.0 18.2 27.2#

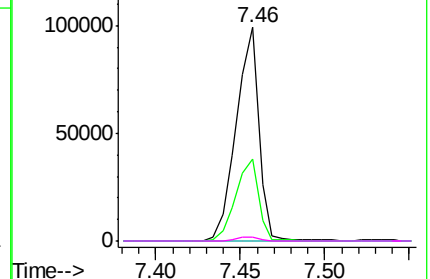
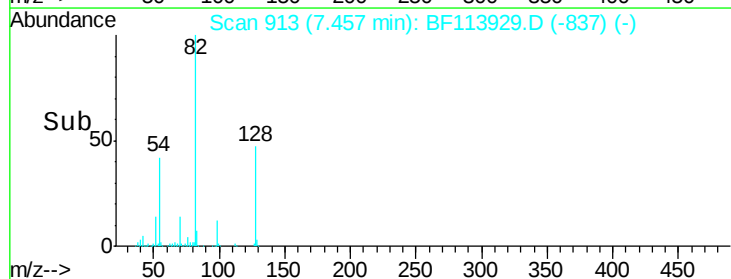


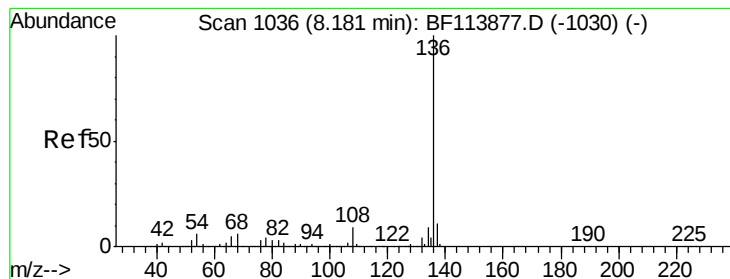
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 436514

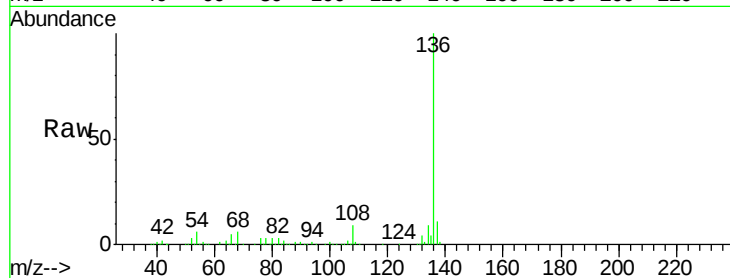
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.0 5.0 7.6

68 6.0 4.9 7.3

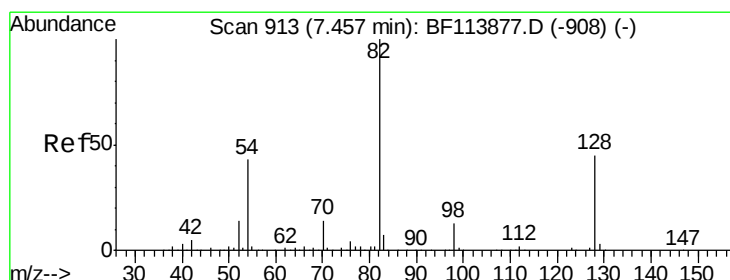
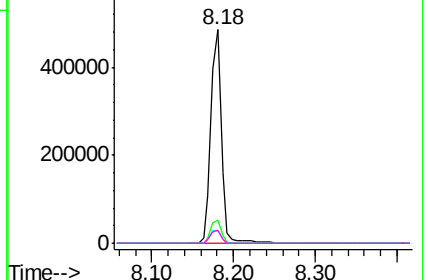
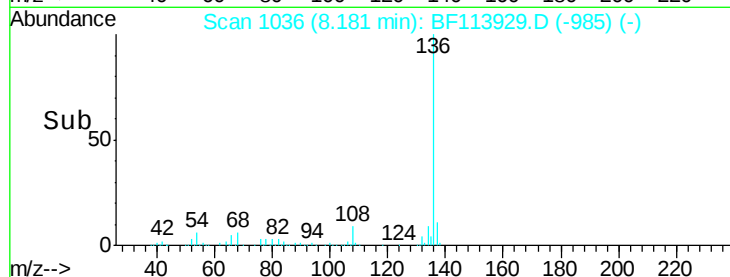


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 97.644 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

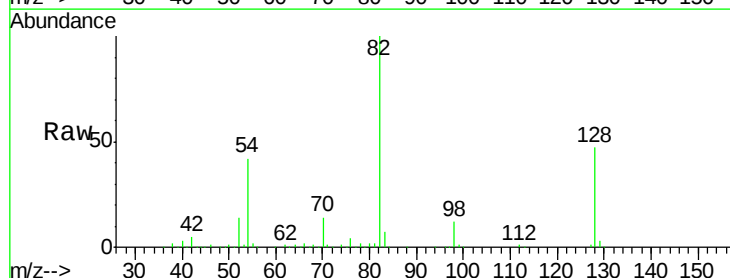
Tgt Ion: 82 Resp: 690318

Ion Ratio Lower Upper

82 100

128 47.0 36.8 55.2

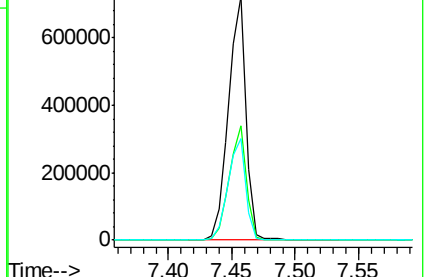
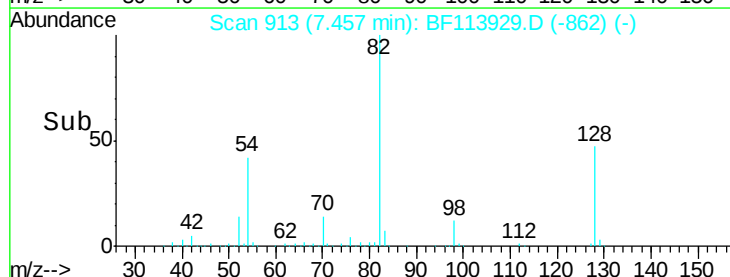
54 41.9 33.8 50.6



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.385 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampled :

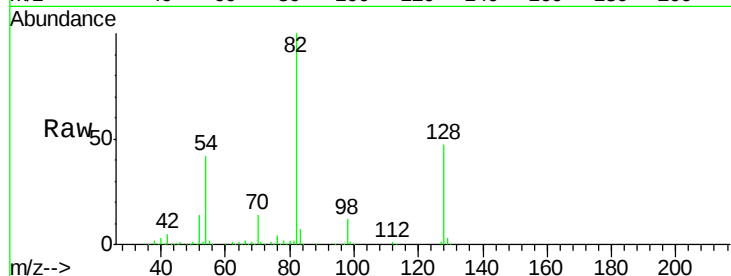
Tot Ion: 82 Resp: 685462

Ion Ratio Lower Upper

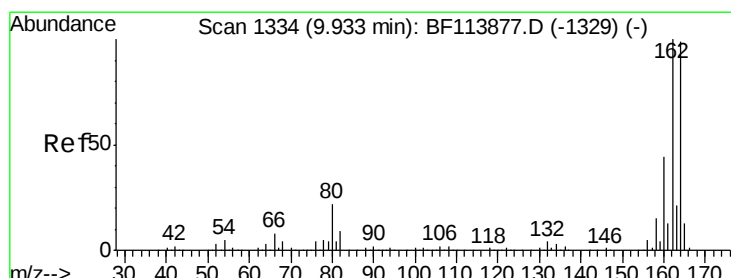
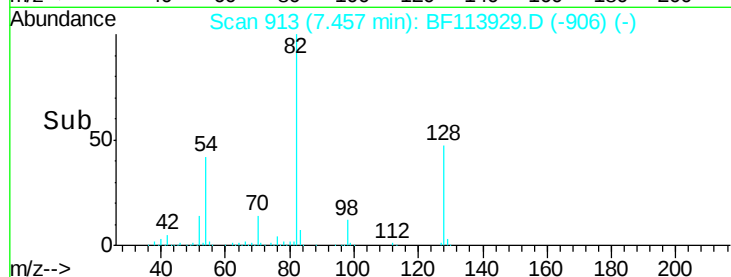
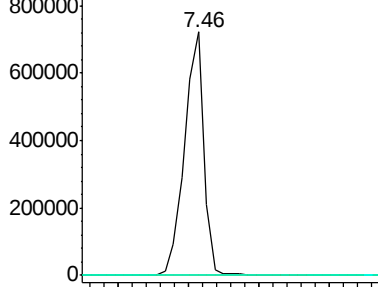
82 100

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: BF113929.D

Acq: 23 Apr 2019 19:12

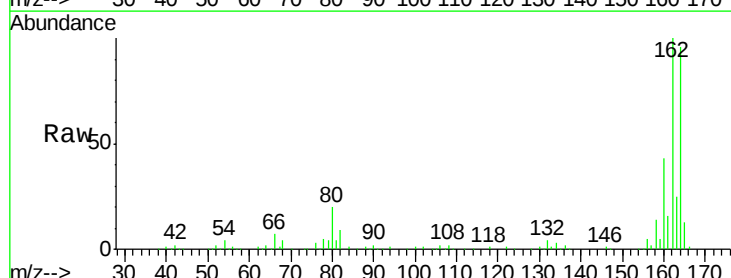
Tgt Ion:164 Resp: 190025

Ion Ratio Lower Upper

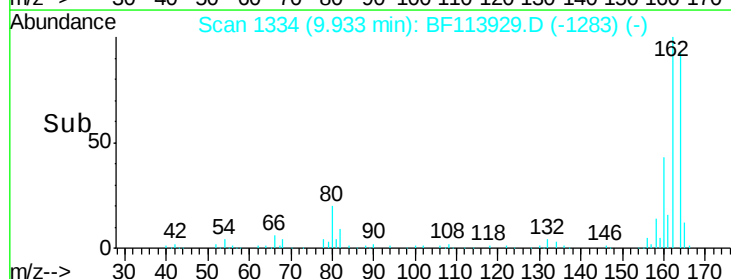
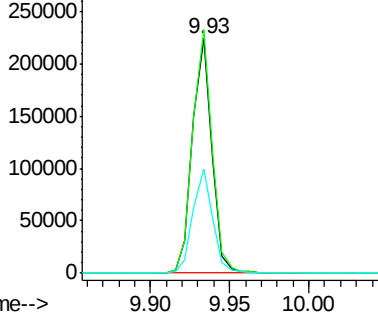
164 100

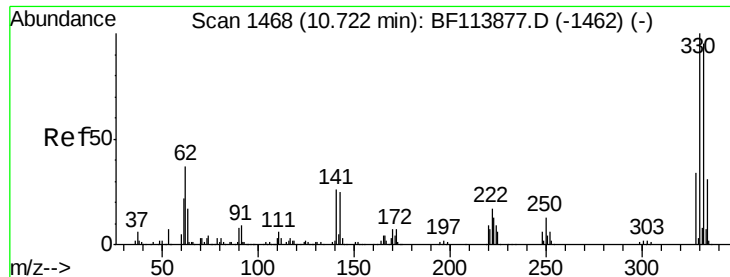
162 103.9 81.1 121.7

160 44.3 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

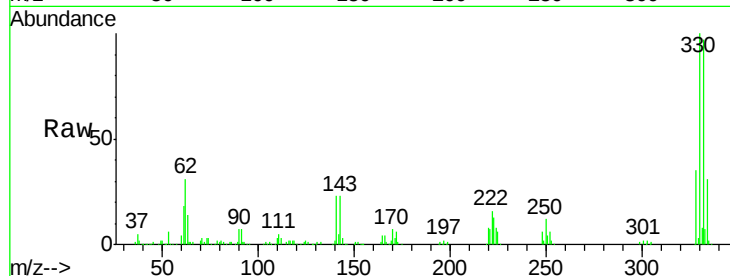




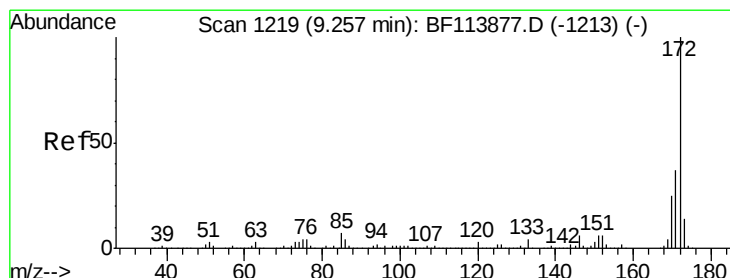
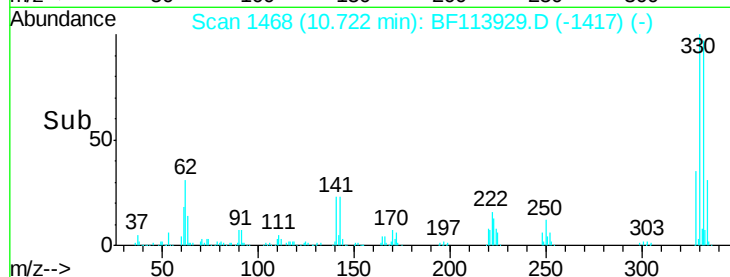
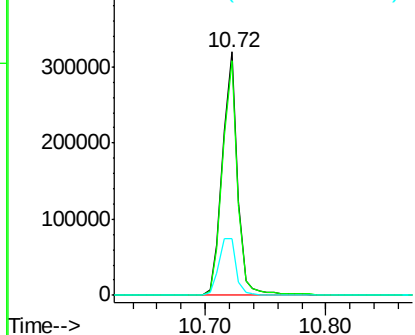
#42
 2,4,6-Tribromophenol
 Concen: 119.721 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 277142
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.5 116.3
 141 27.1 22.2 33.2

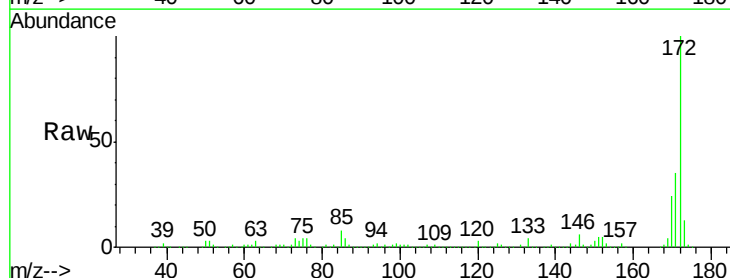


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

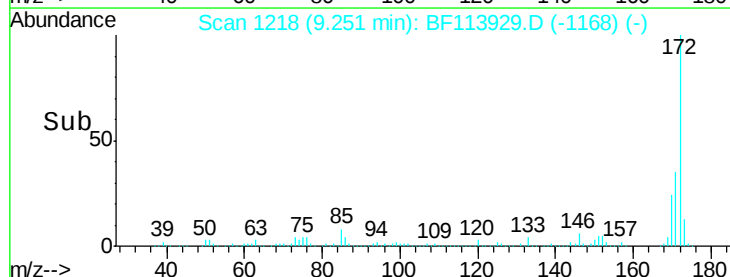
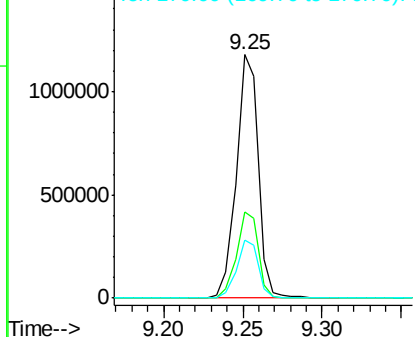


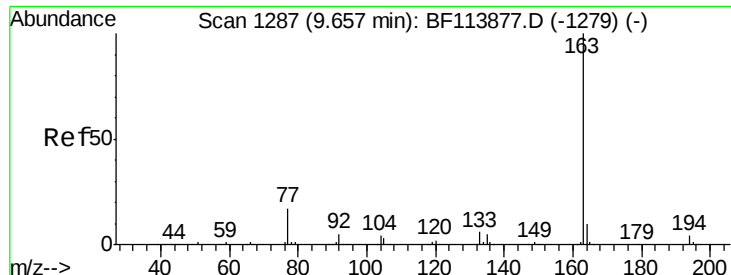
#45
 2-Fluorobiphenyl
 Concen: 93.173 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.00 min
 Lab File: BF113929.D
 Acq: 23 Apr 2019 19:12

Tgt Ion:172 Resp: 1132022
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 23.8 19.9 29.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

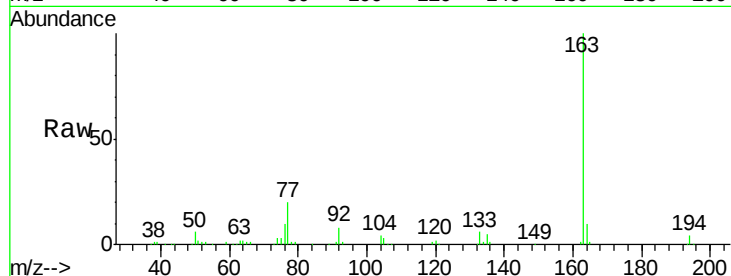




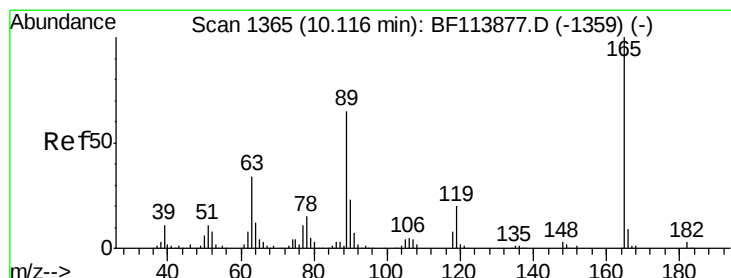
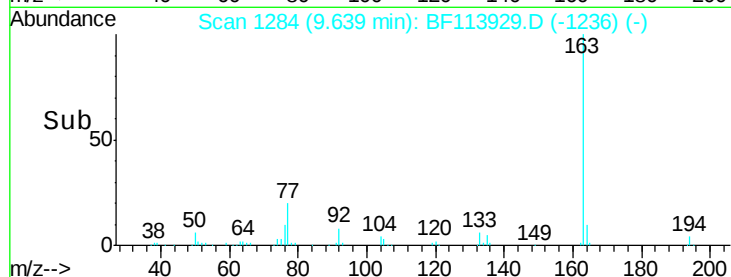
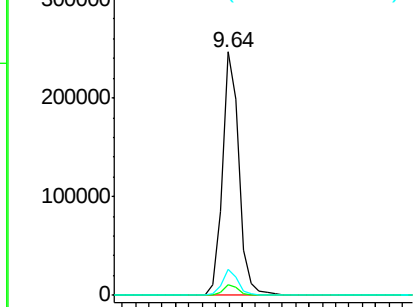
#50
Dimethylphthalate
Concen: 15.700 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 215760
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.5 8.5 12.7

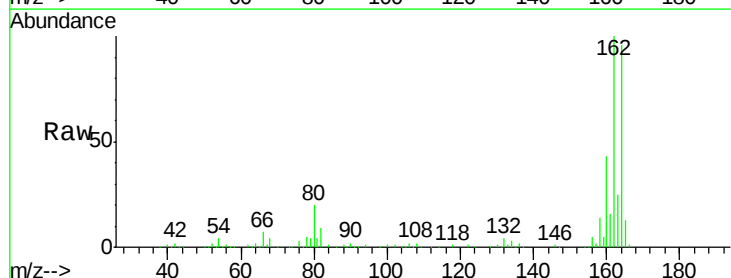


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

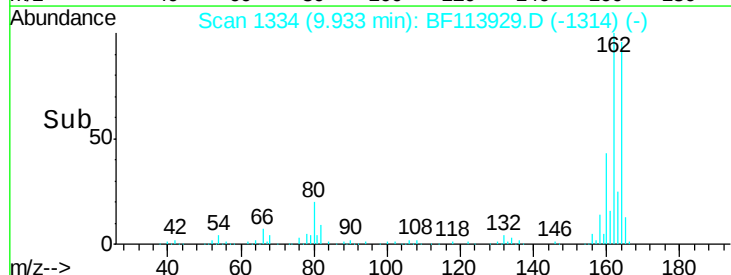
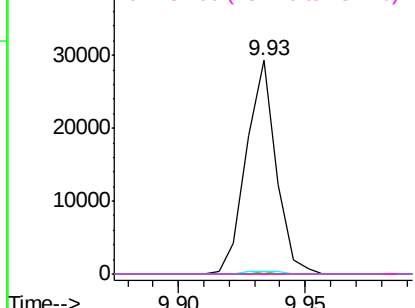


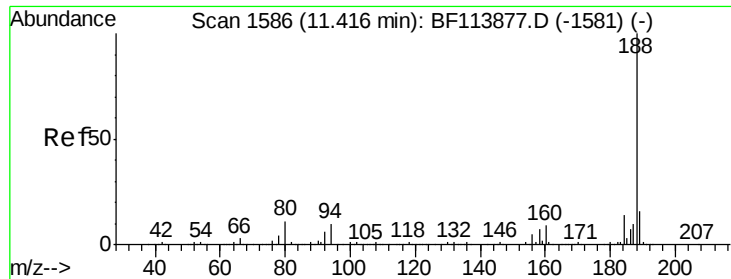
#57
2,4-Dinitrotoluene
Concen: 6.434 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Tgt Ion:165 Resp: 23945
Ion Ratio Lower Upper
165 100
63 1.2 27.4 41.0#
89 1.3 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# 1586

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Instrument :

BNA_F

ClientSampleId :

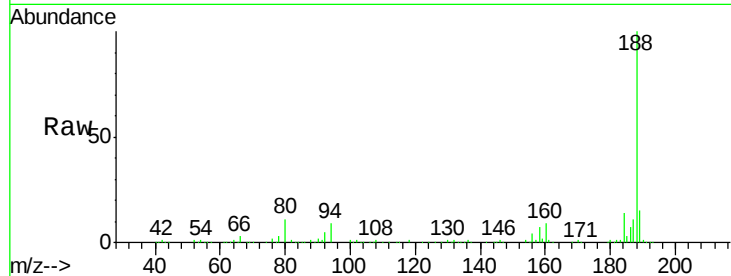
Tot Ion:188 Resp: 341186

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.4

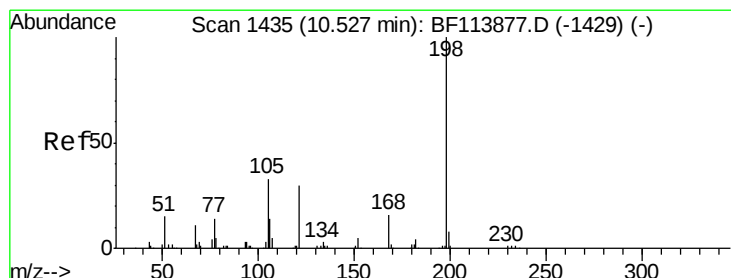
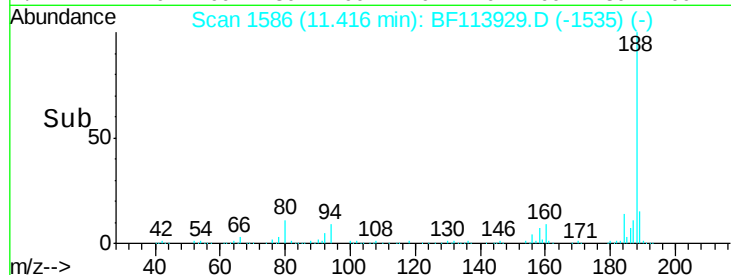
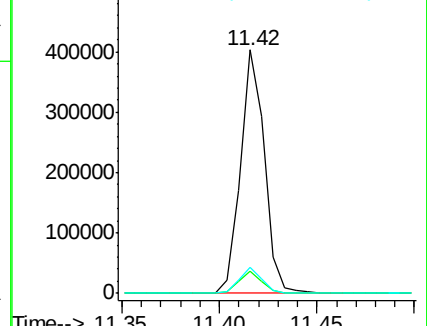
80 10.9 9.0 13.6



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: 7.528 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

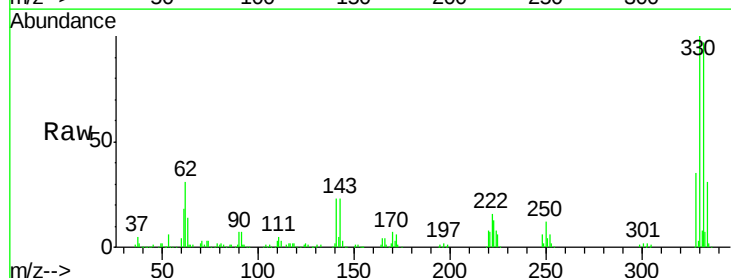
Tgt Ion:198 Resp: 406

Ion Ratio Lower Upper

198 100

51 121.2 11.1 51.1#

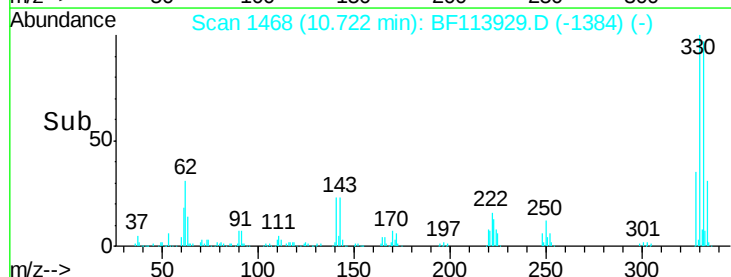
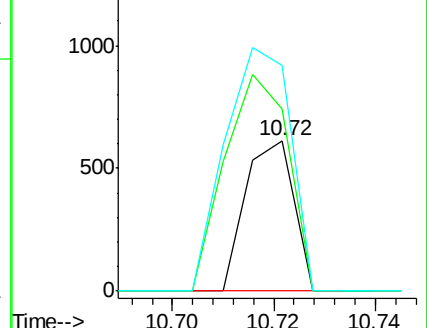
105 150.0 20.7 60.7#

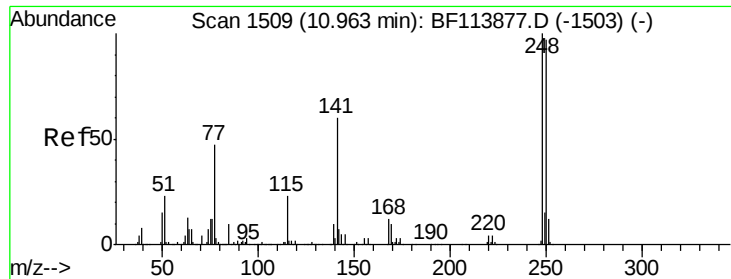


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

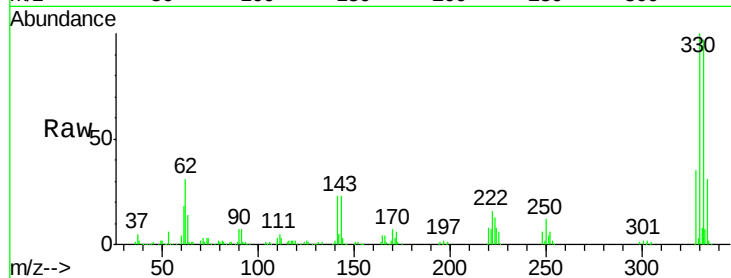




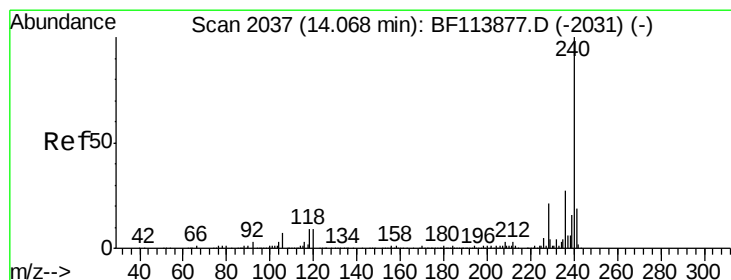
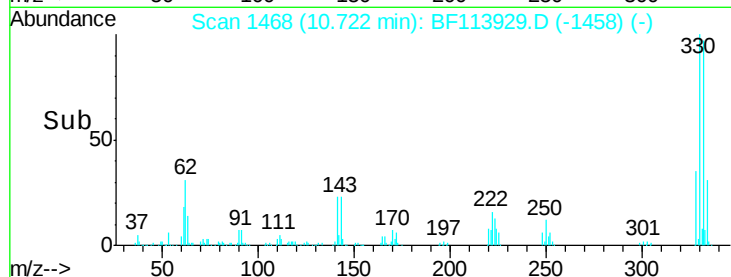
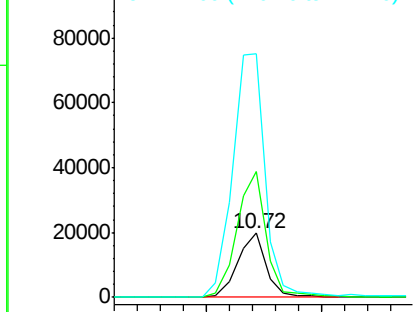
#67
4-Bromophenyl-phenylether
Concen: 4.137 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17052
Ion Ratio Lower Upper
248 100
250 195.8 75.8 113.6#
141 379.4 50.2 75.4#

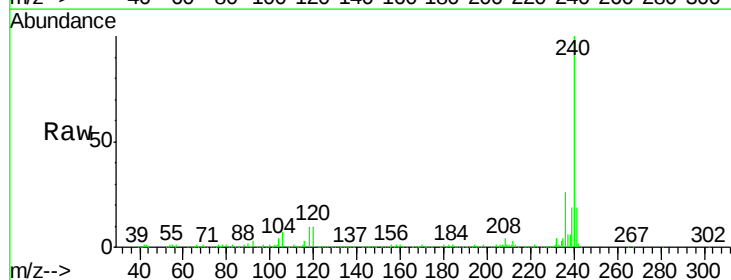


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

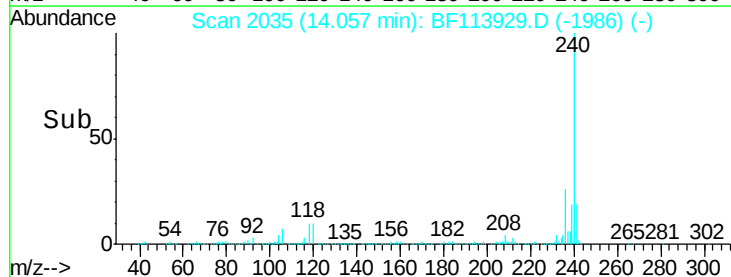
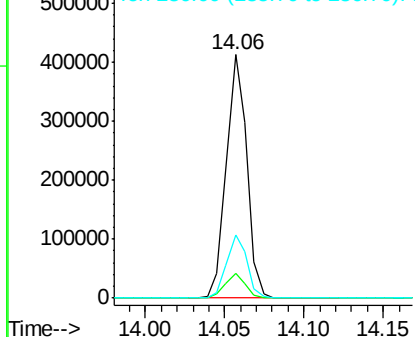


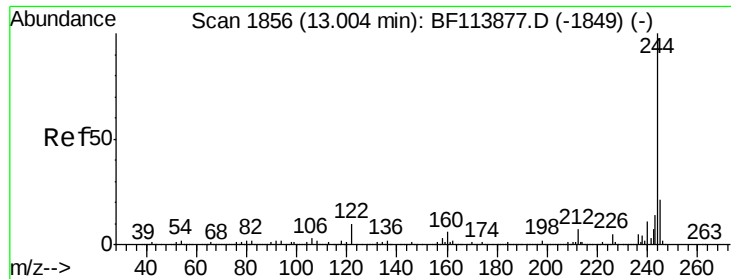
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113929.D
Acq: 23 Apr 2019 19:12

Tgt Ion:240 Resp: 368885
Ion Ratio Lower Upper
240 100
120 10.2 9.3 13.9
236 26.1 21.2 31.8



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





#79

Terphenyl-d14

Concen: 69.245 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

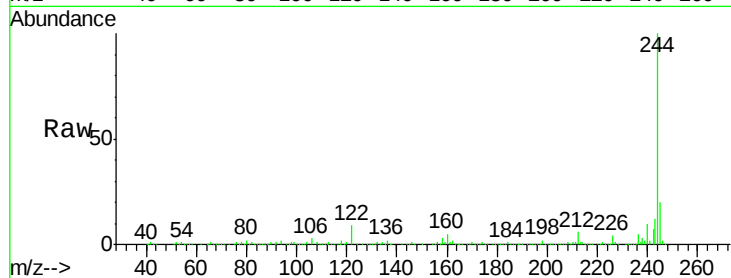
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1245935

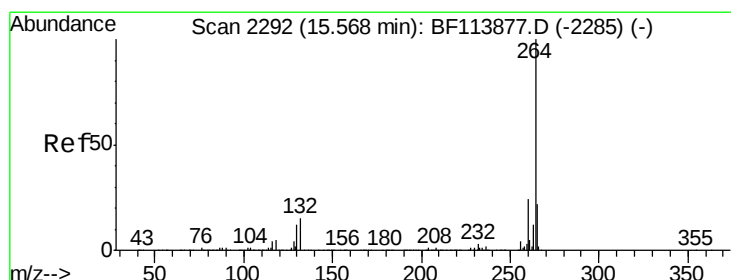
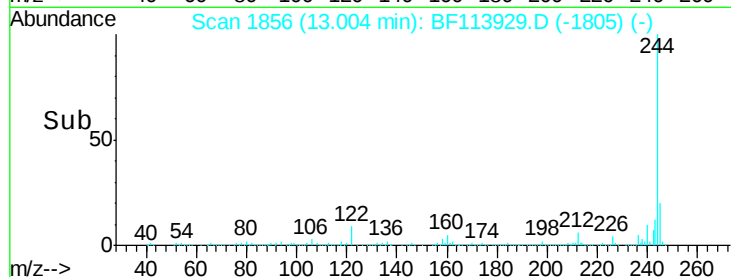
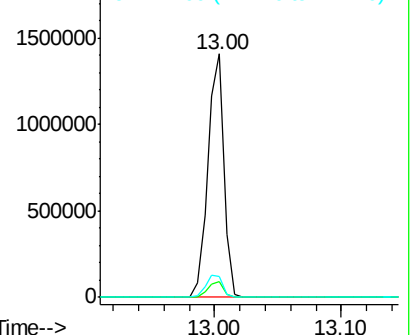
Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	8.8	7.6	11.4



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

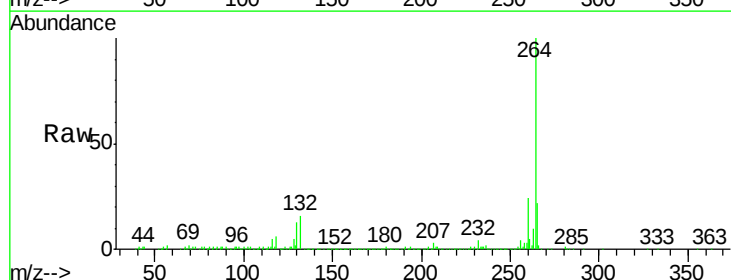
Delta R.T. -0.02 min

Lab File: BF113929.D

Acq: 23 Apr 2019 19:12

Tgt Ion:264 Resp: 322156

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.4	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

