

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113930.D
 Acq On : 23 Apr 2019 19:38
 Operator : JU/SJ
 Sample : K2529-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:05:59 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

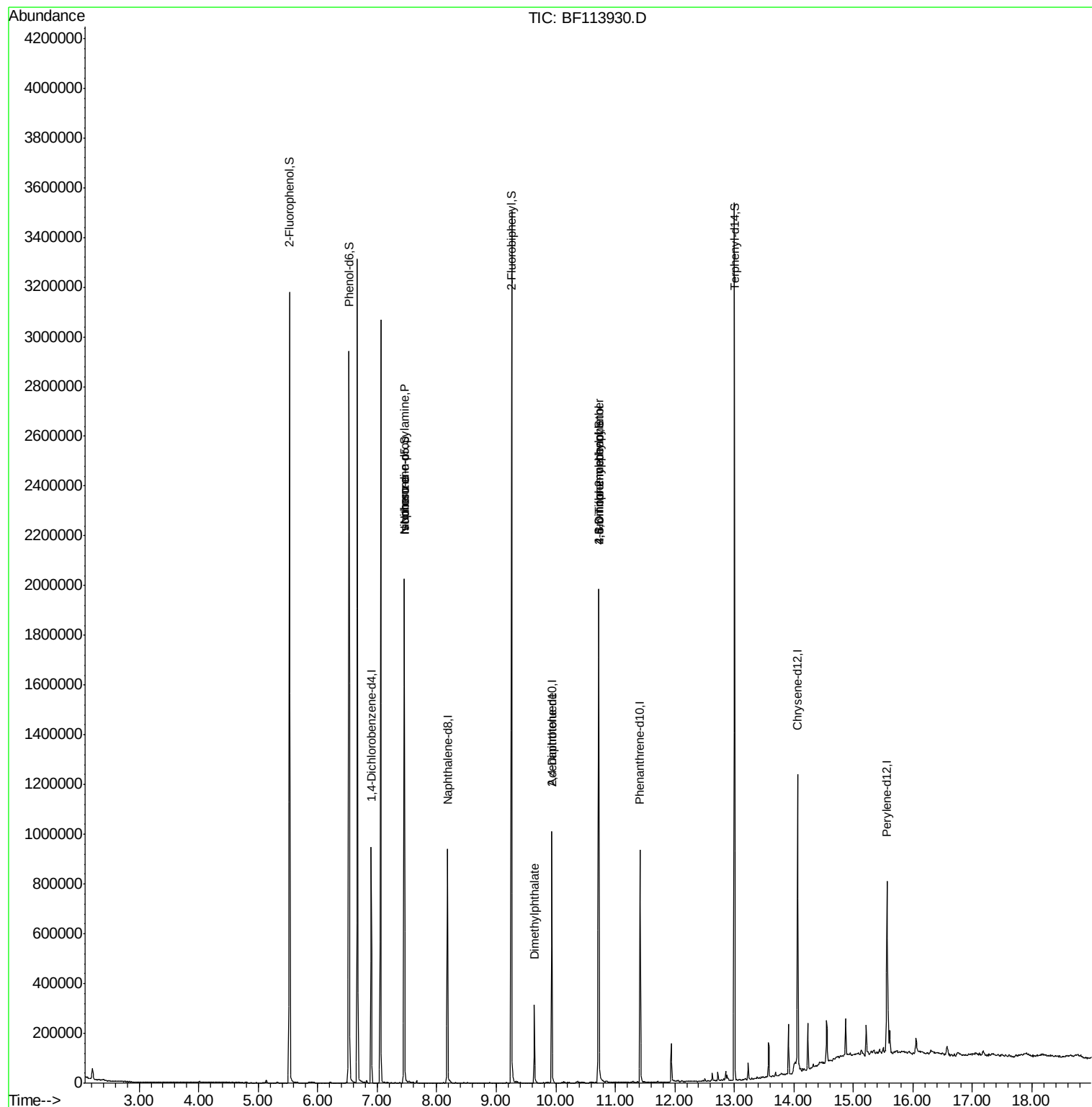
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	131186	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	441521	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	192188	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	347360	20.00	ng	0.00
76) Chrysene-d12	14.06	240	378854	20.00	ng	0.00
87) Perylene-d12	15.57	264	336309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	944319	123.12	ng	0.01
7) Phenol-d6	6.53	99	1172395	121.83	ng	0.00
23) Nitrobenzene-d5	7.46	82	686713	96.03	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	284049	121.32	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1189862	96.83	ng	0.00
79) Terphenyl-d14	13.00	244	1294289	70.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	1580	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.46	70	90522	14.526	ng	# 3
25) Isophorone	7.46	82	682974	46.678	ng	# 78
50) Dimethylphthalate	9.64	163	139453	10.033	ng	# 65
57) 2,4-Dinitrotoluene	9.93	165	24137	6.413	ng	# 99
65) 4,6-Dinitro-2-methylphenol	10.72	198	403	7.523	ng	# 29
67) 4-Bromophenyl-phenylether	10.72	248	17401	4.147	ng	# 1
						# 1

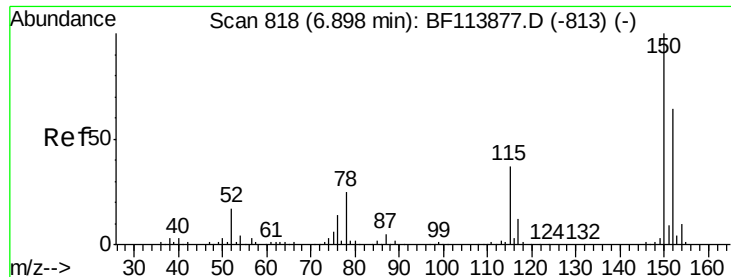
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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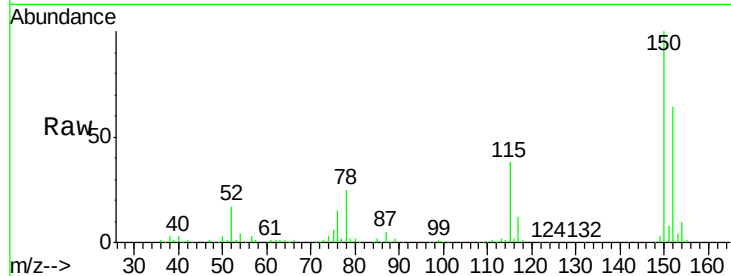


#1

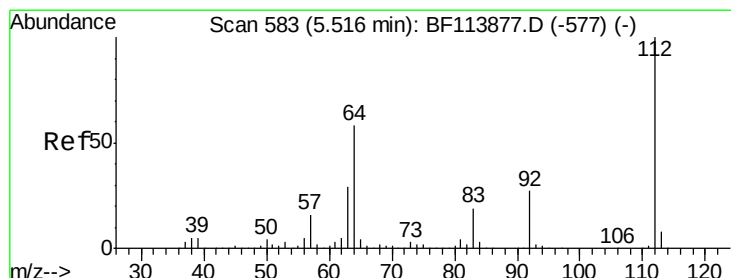
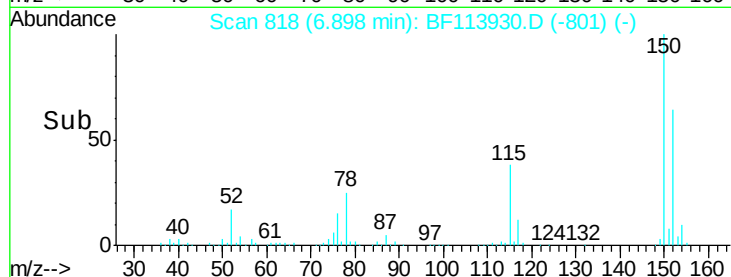
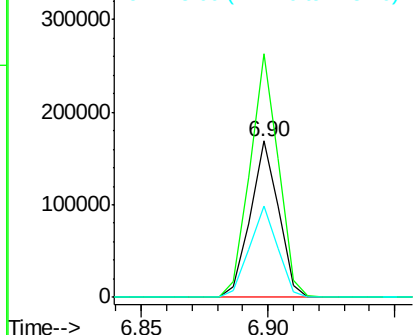
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	125.9	188.9
115	58.7	45.9	68.9



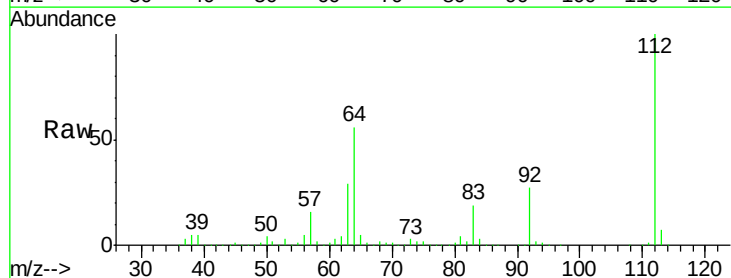
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



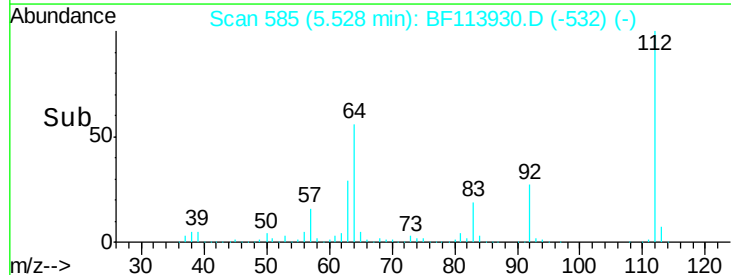
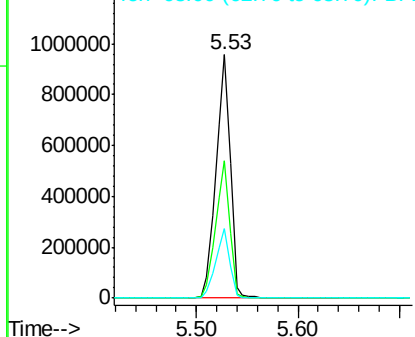
#5

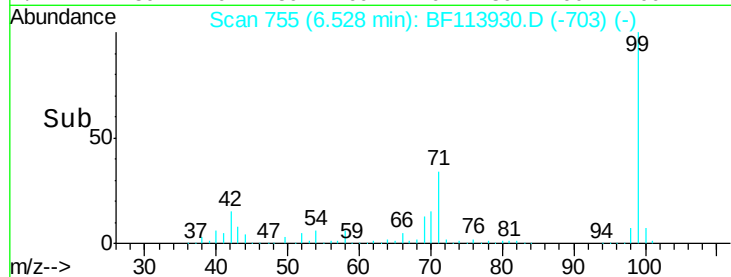
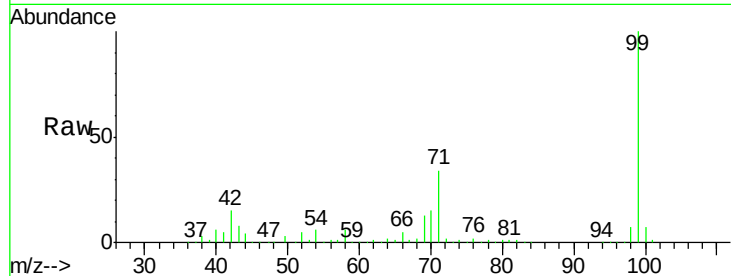
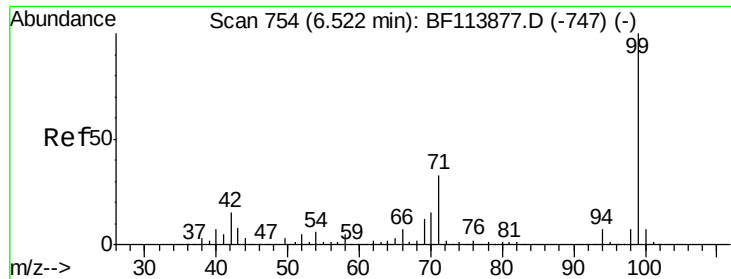
2-Fluorophenol
Concen: 123.117 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.6	69.8
63	28.8	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: 121.832 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampled :

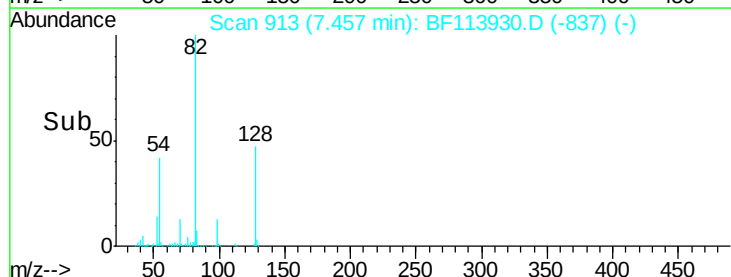
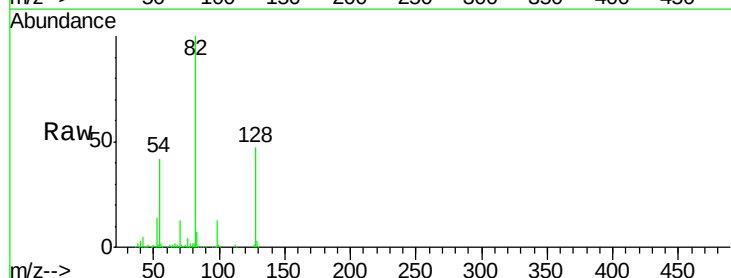
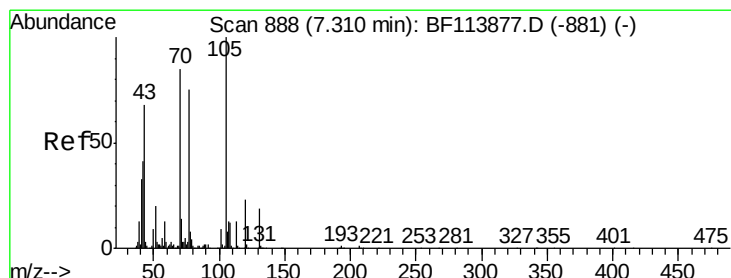
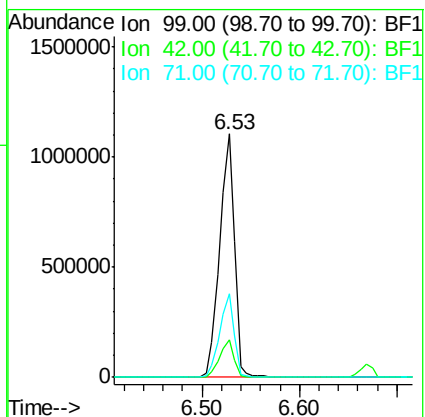
Tot Ion: 99 Resp: 1172395

Ion Ratio Lower Upper

99 100

42 15.2 12.5 18.7

71 34.3 26.9 40.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.526 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Tgt Ion: 70 Resp: 90522

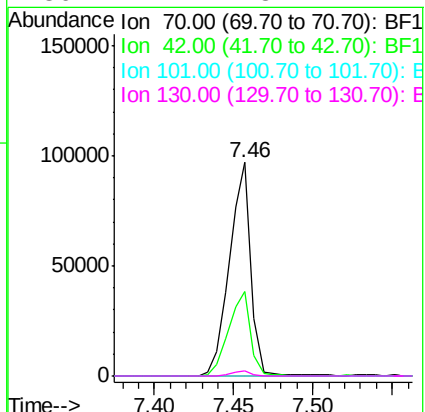
Ion Ratio Lower Upper

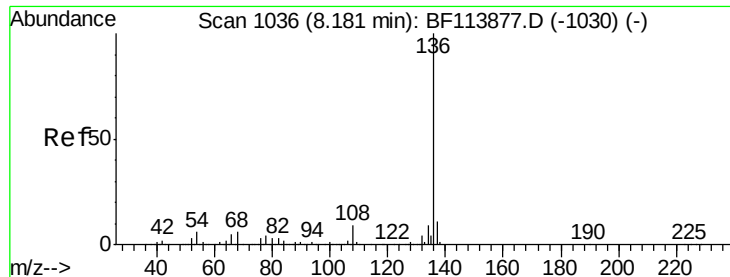
70 100

42 39.4 37.3 55.9

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

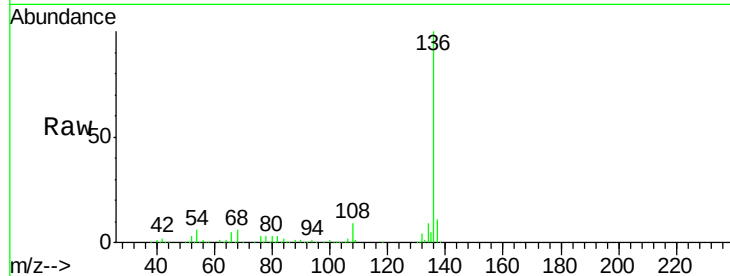




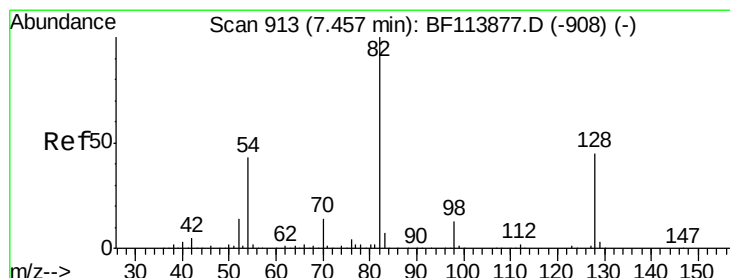
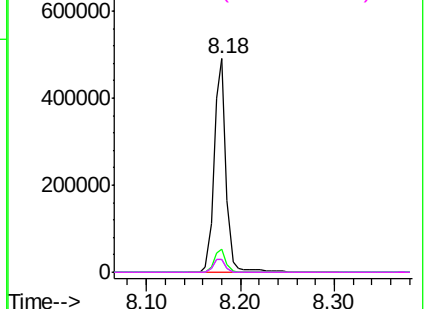
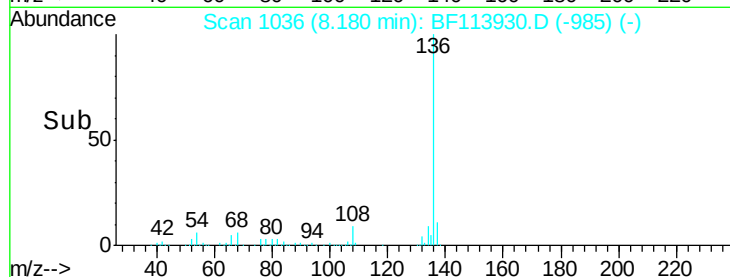
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	441521
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 12.8
54	5.9	5.0 7.6
68	5.9	4.9 7.3

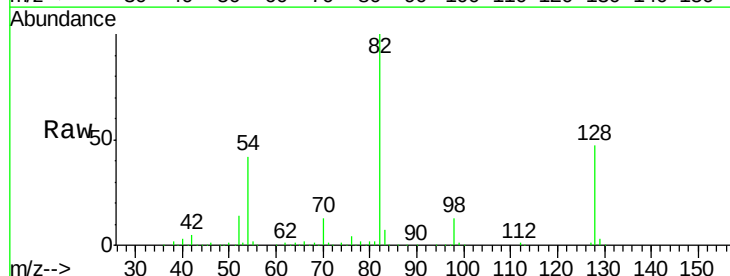


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

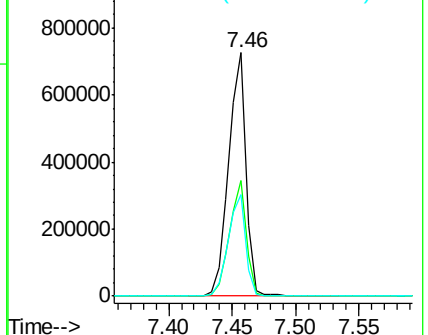
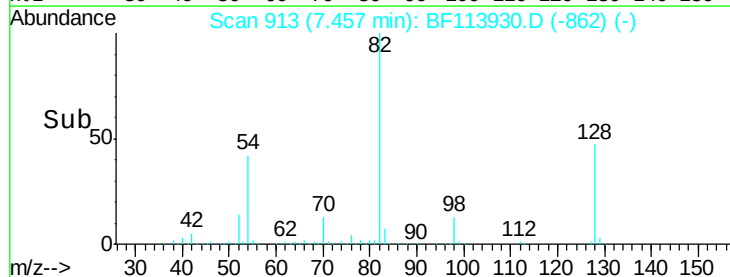


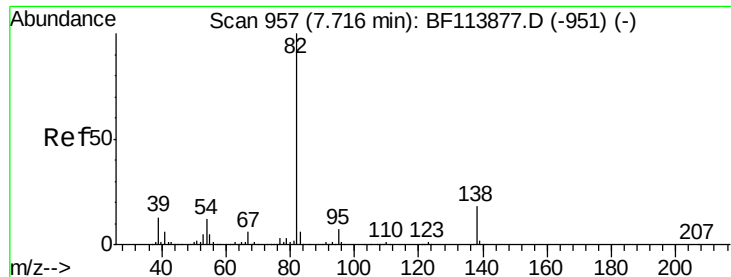
#23
Nitrobenzene-d5
Concen: 96.032 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion: 82	Resp:	686713
Ion	Ratio	Lower Upper
82	100	
128	47.4	36.8 55.2
54	41.8	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: 46.678 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.26 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampled :

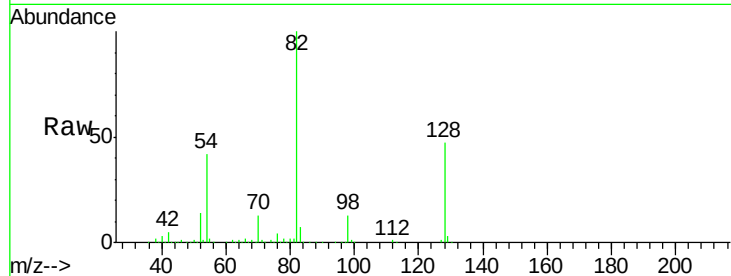
Tot Ion: 82 Resp: 682974

Ion Ratio Lower Upper

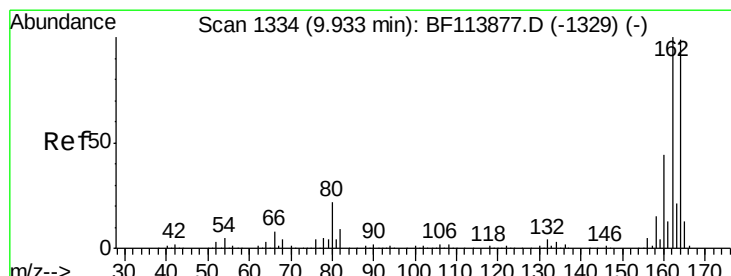
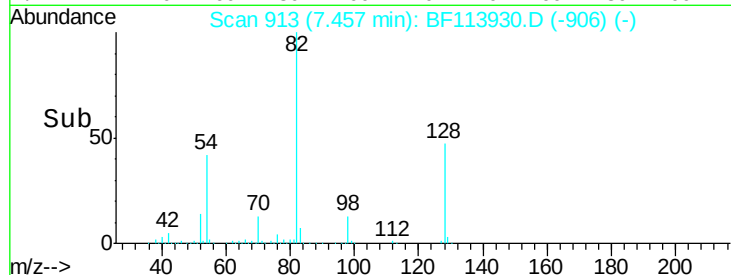
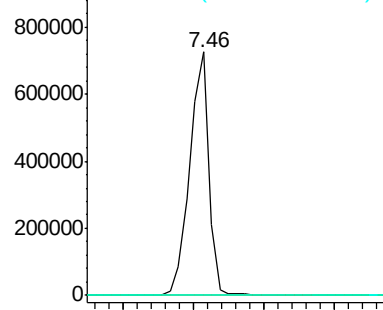
82 100

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: BF113930.D

Acq: 23 Apr 2019 19:38

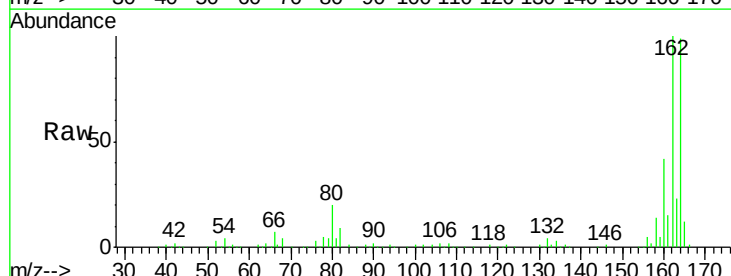
Tgt Ion: 164 Resp: 192188

Ion Ratio Lower Upper

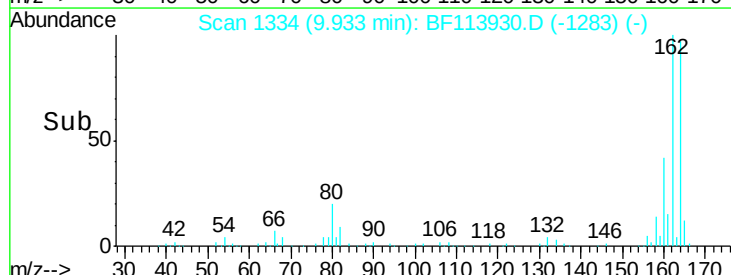
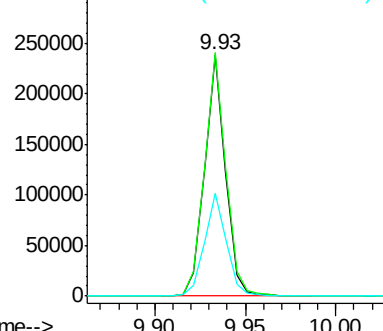
164 100

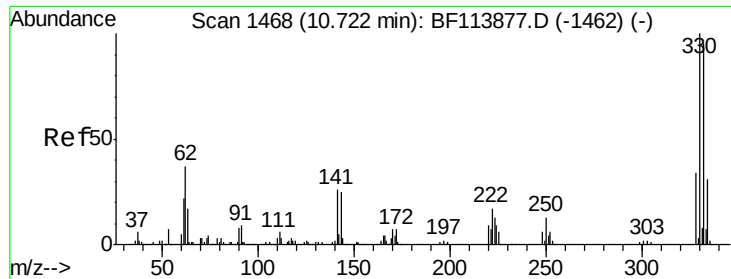
162 100.7 81.1 121.7

160 42.6 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

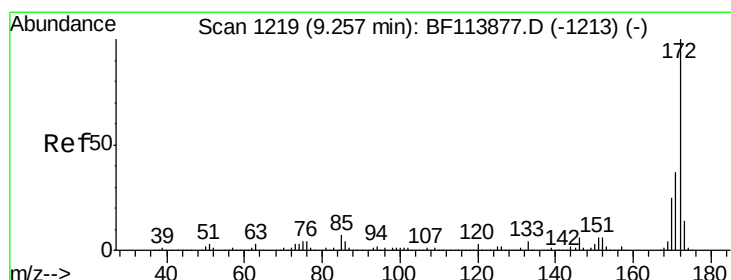
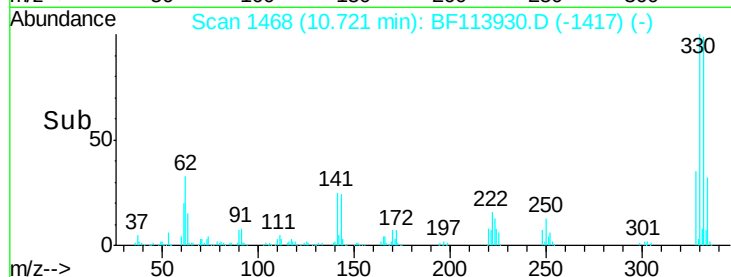
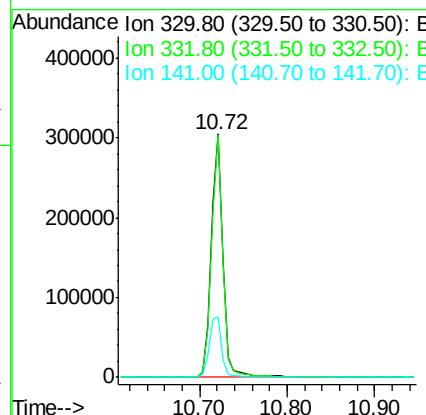
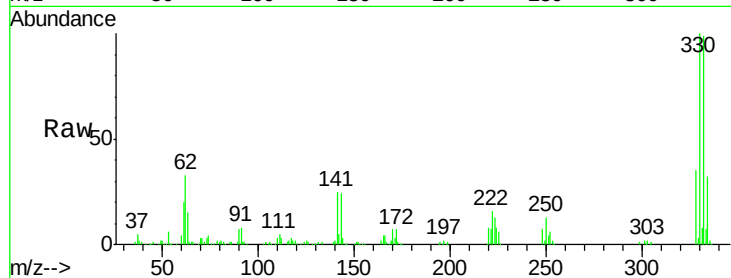




#42
 2,4,6-Tribromophenol
 Concen: 121.324 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF113930.D
 Acq: 23 Apr 2019 19:38

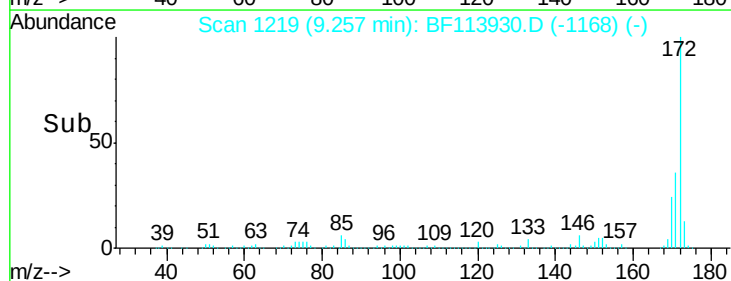
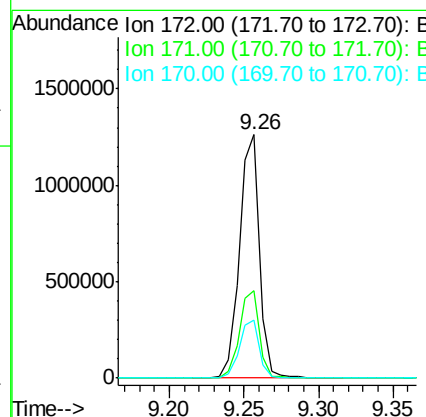
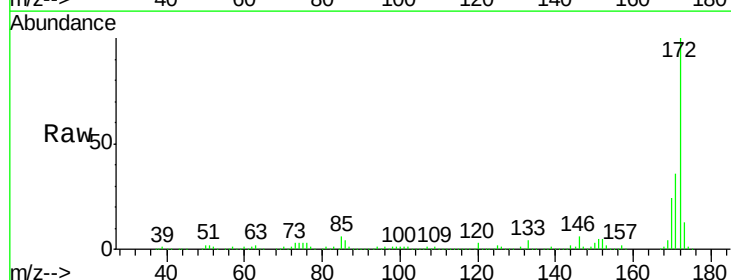
Instrument :
 BNA_F
 ClientSampleId :

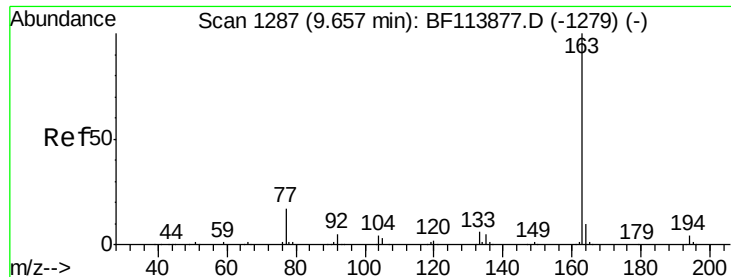
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	26.8	22.2	33.2



#45
 2-Fluorobiphenyl
 Concen: 96.831 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113930.D
 Acq: 23 Apr 2019 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	19.9	29.9





#50

Dimethylphthalate

Concen: 10.033 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

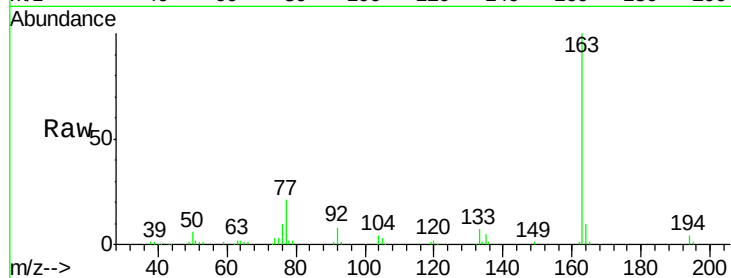
Tot Ion:163 Resp: 139453

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

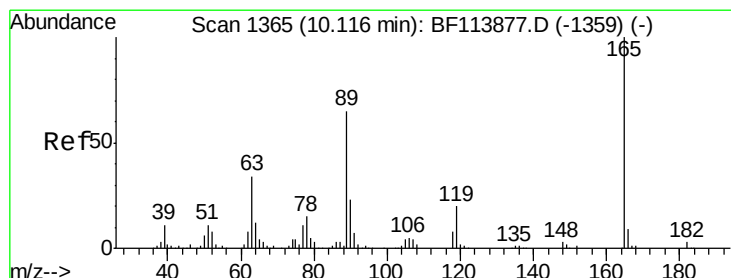
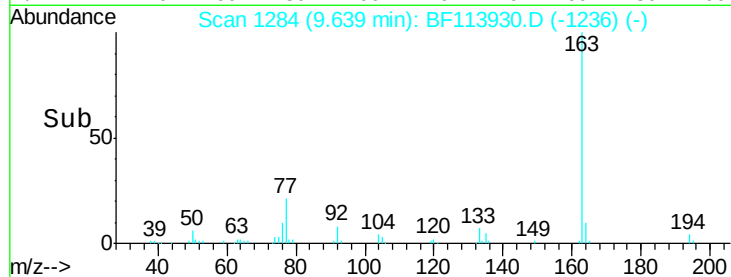
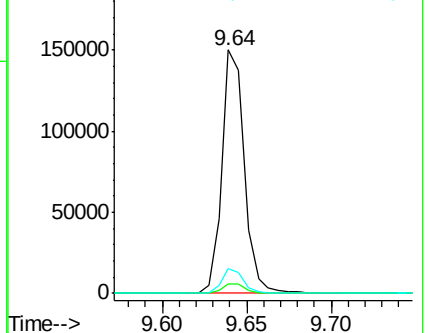
164 10.2 8.5 12.7



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: 6.413 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Tgt Ion:165 Resp: 24137

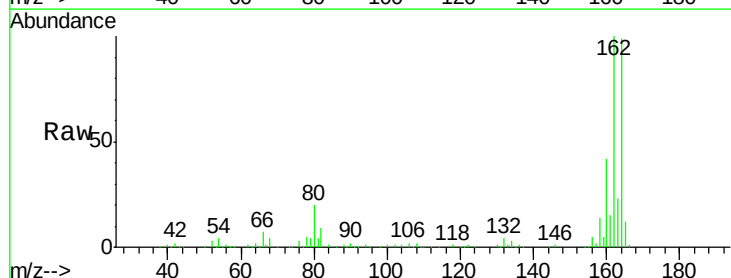
Ion Ratio Lower Upper

165 100

63 1.1 27.4 41.0#

89 1.7 51.8 77.6#

182 0.0 2.2 3.2#

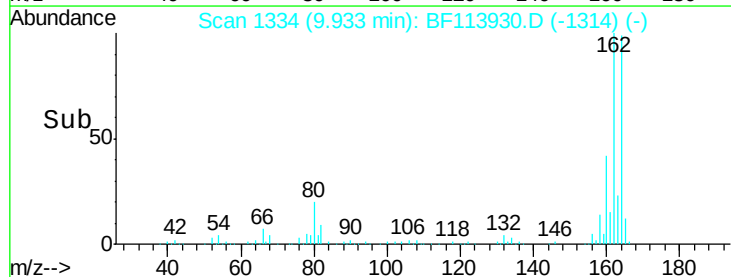
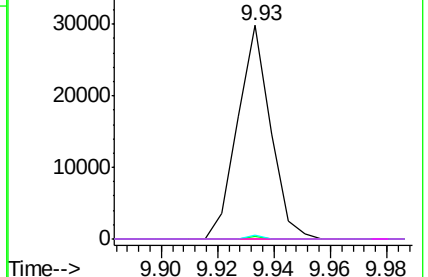


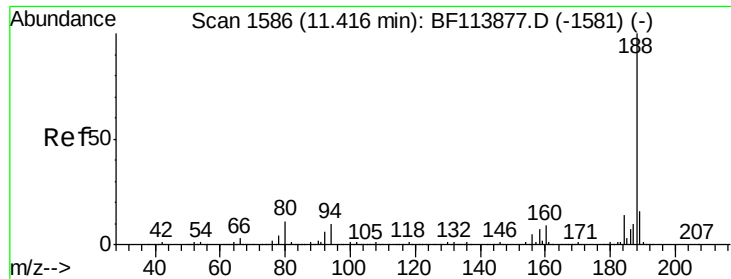
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

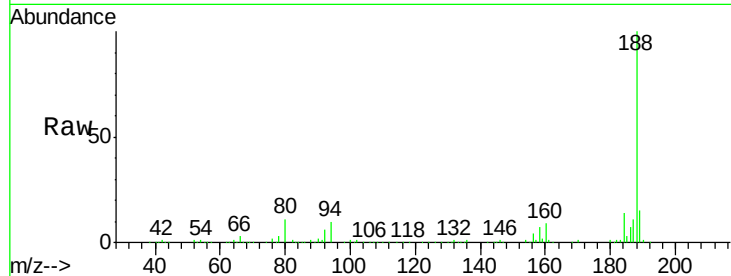
Tot Ion:188 Resp: 347360

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

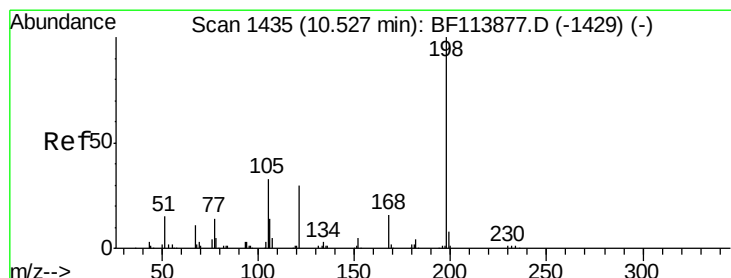
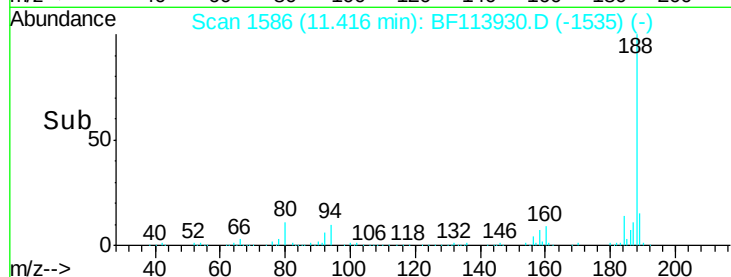
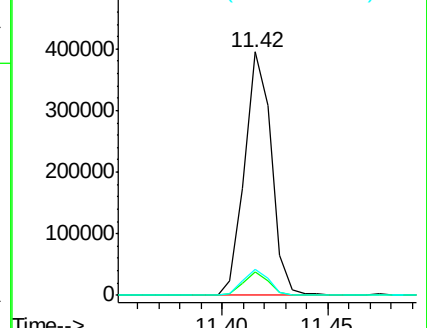
80 10.8 9.0 13.6



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: 7.523 ng

RT: 10.72 min Scan# 1468

Delta R.T. 0.19 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

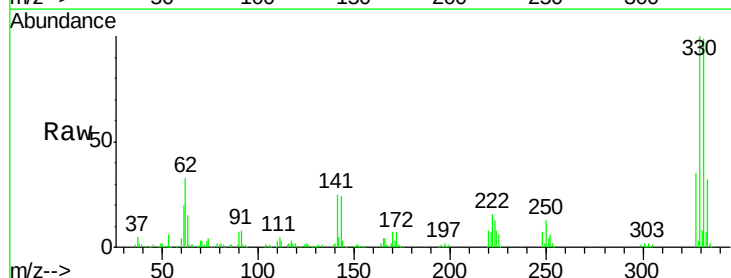
Tgt Ion:198 Resp: 403

Ion Ratio Lower Upper

198 100

51 122.9 11.1 51.1#

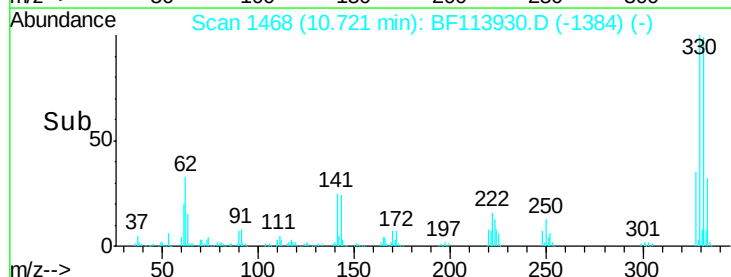
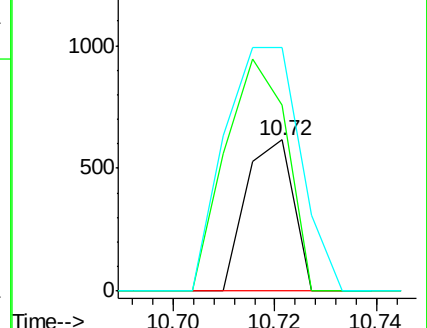
105 160.9 20.7 60.7#

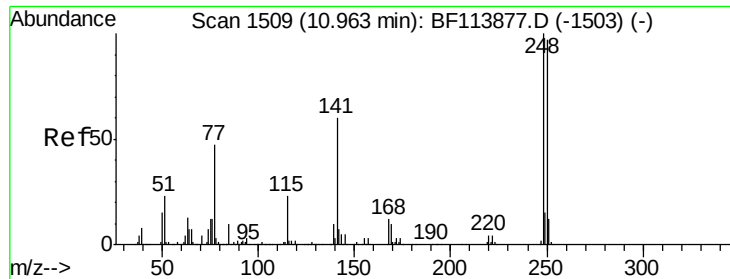


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

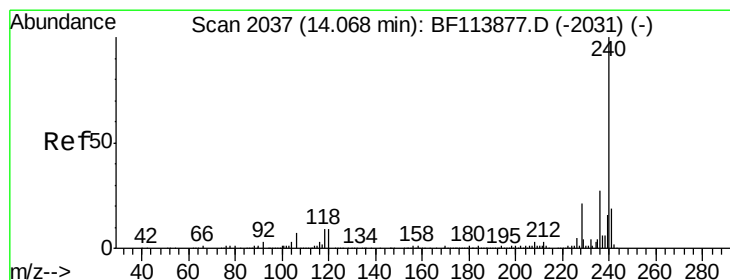
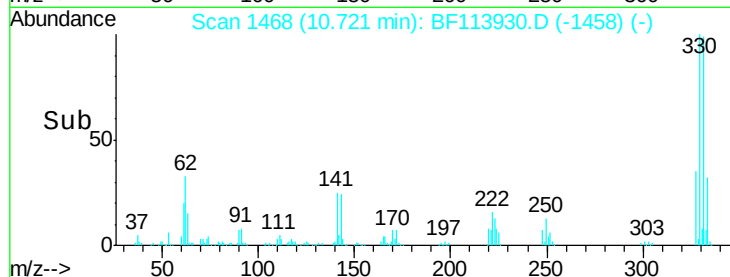
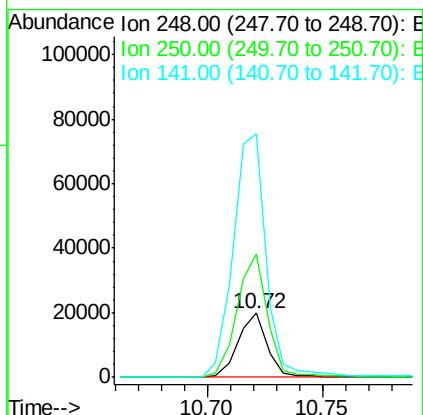
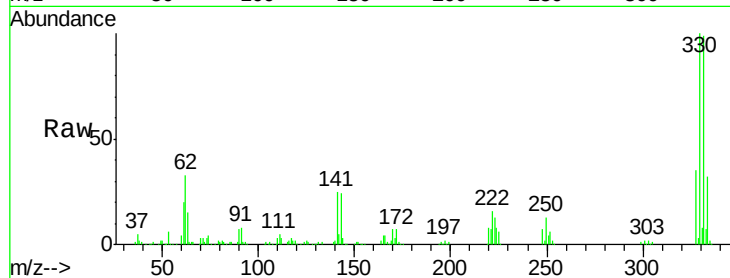




#67
4-Bromophenyl-phenylether
Concen: 4.147 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

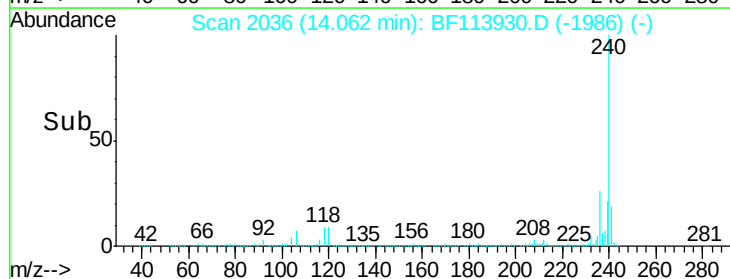
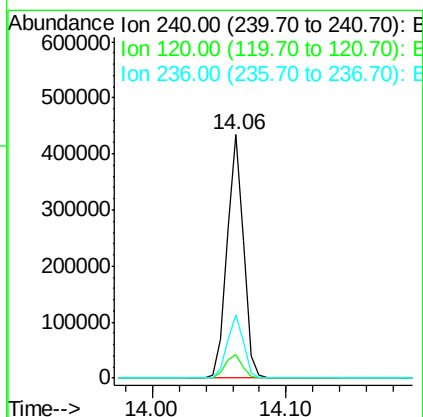
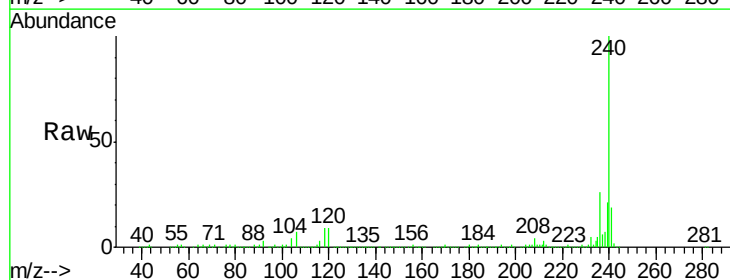
Instrument :
BNA_F
ClientSampled :

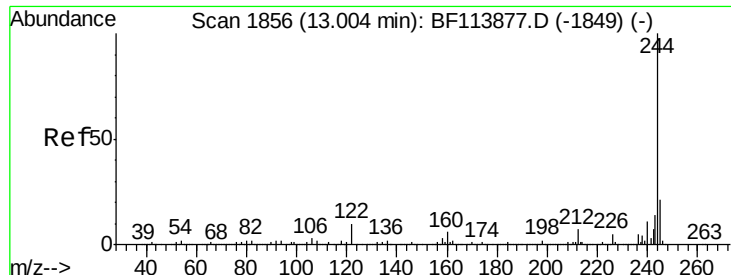
Tot Ion:248 Resp: 17401
Ion Ratio Lower Upper
248 100
250 192.0 75.8 113.6#
141 379.5 50.2 75.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF113930.D
Acq: 23 Apr 2019 19:38

Tgt Ion:240 Resp: 378854
Ion Ratio Lower Upper
240 100
120 9.5 9.3 13.9
236 25.9 21.2 31.8





#79

Terphenyl-d14

Concen: 70.039 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

Instrument :

BNA_F

ClientSampleId :

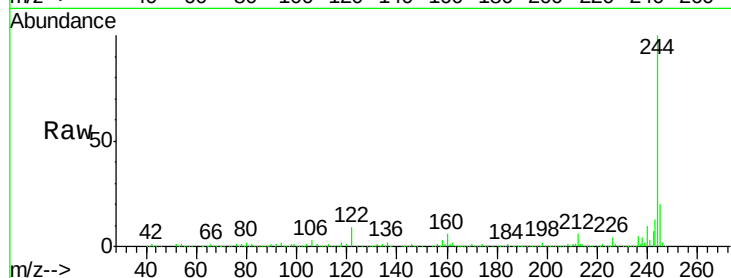
Tot Ion:244 Resp: 1294289

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	8.9	7.6	11.4

244 100

212 6.4 5.4 8.2

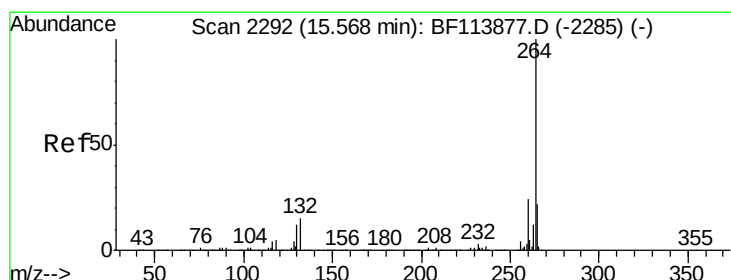
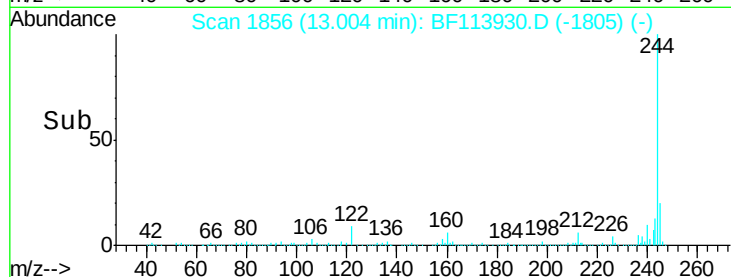
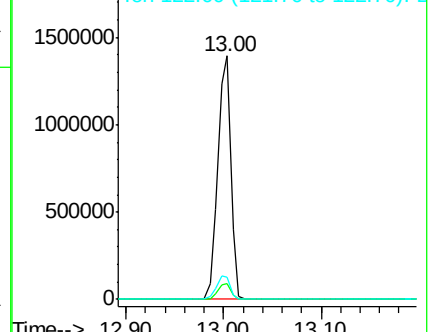
122 8.9 7.6 11.4



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: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BF113930.D

Acq: 23 Apr 2019 19:38

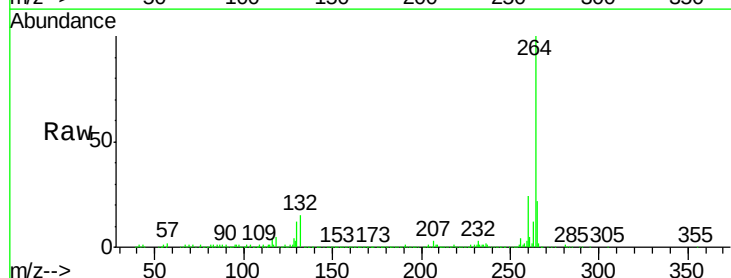
Tgt Ion:264 Resp: 336309

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.3	25.9

264 100

260 23.7 18.9 28.3

265 21.7 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

