

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113661.D
 Acq On : 9 Apr 2019 15:08
 Operator : JU/SJ
 Sample : K2316-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:24:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

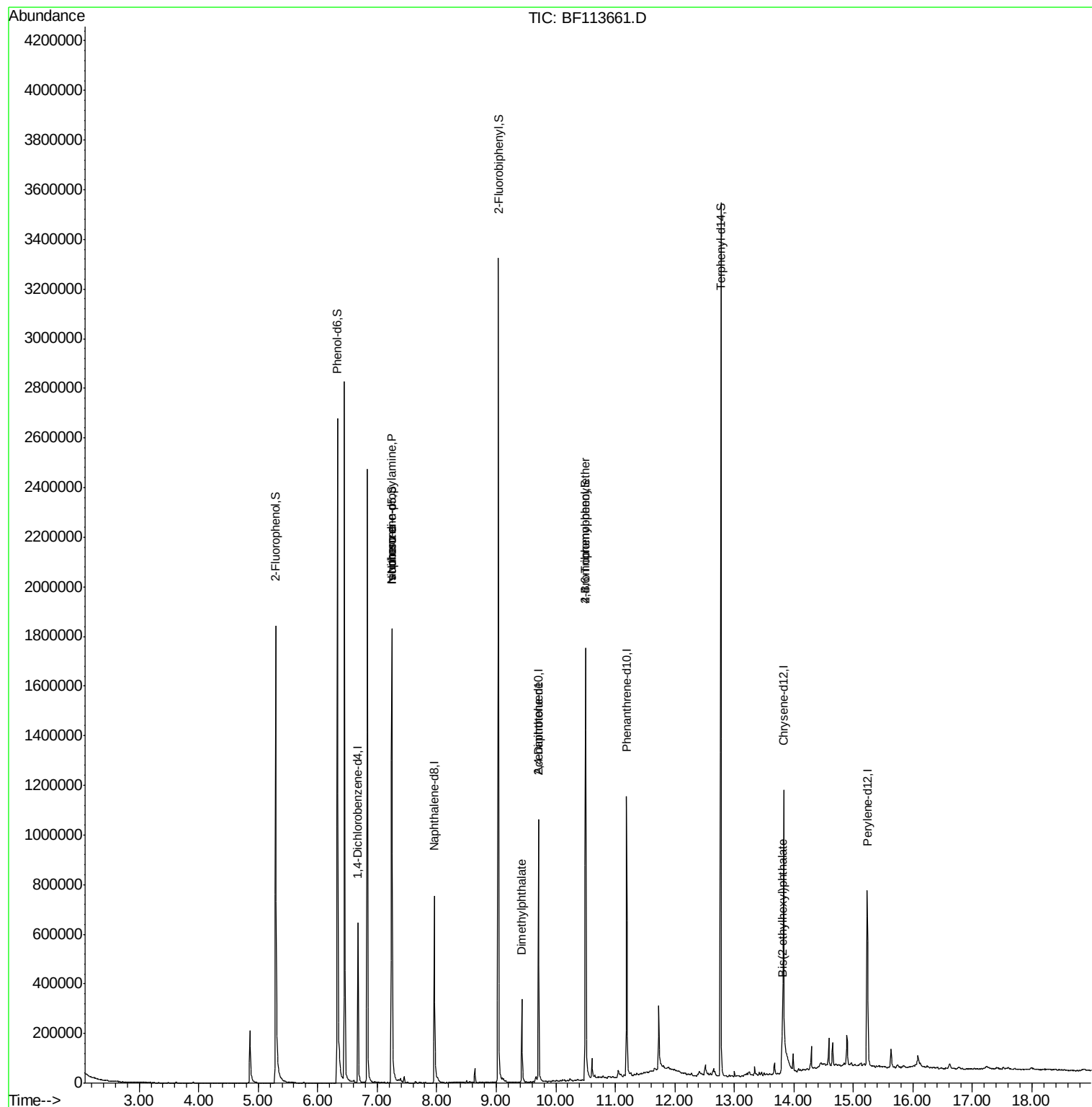
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	114532	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	434471	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	214010	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	449754	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	388635	20.00	ng	-0.02
87) Perylene-d12	15.23	264	321250	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	676612	100.74	ng	0.00
7) Phenol-d6	6.33	99	1092130	131.93	ng	0.00
23) Nitrobenzene-d5	7.25	82	649724	87.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	268469	104.43	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1102244	82.92	ng	-0.02
79) Terphenyl-d14	12.77	244	1267143	66.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	84562	16.566	ng	# 77
25) Isophorone	7.25	82	649716	45.471	ng	# 64
50) Dimethylphthalate	9.43	163	161790	10.256	ng	# 98
57) 2,4-Dinitrotoluene	9.71	165	26908	6.398	ng	# 23
67) 4-Bromophenyl-phenylether	10.50	248	14447	2.864	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.80	149	43946	3.020	ng	# 99

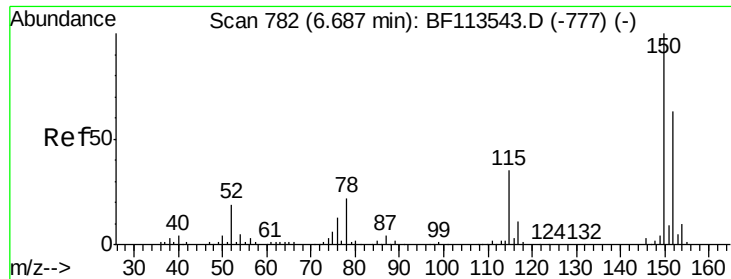
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :

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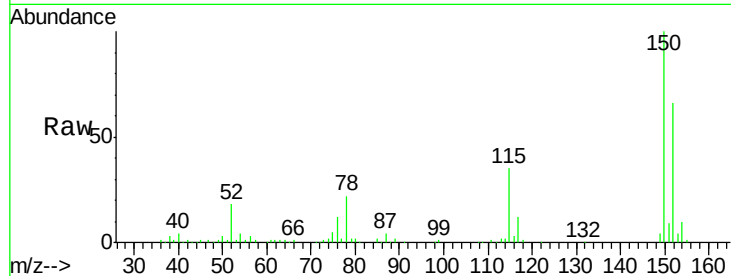


#1

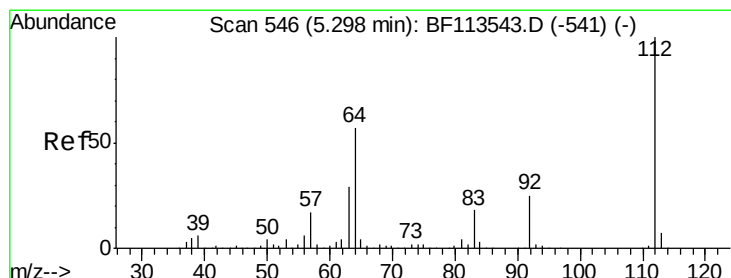
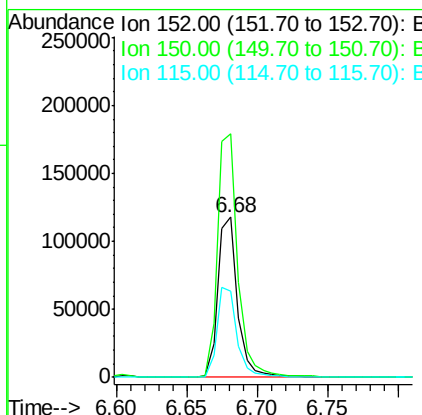
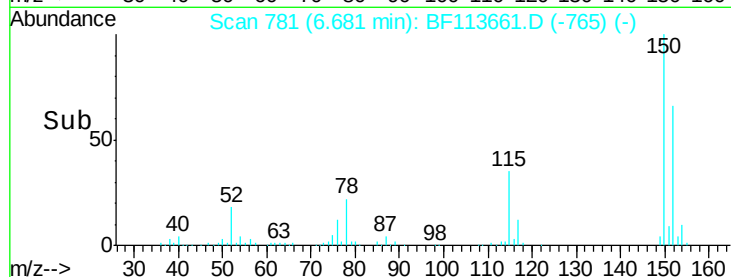
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 114532
Ion Ratio Lower Upper
152 100
150 152.1 124.7 187.1
115 54.0 46.0 69.0



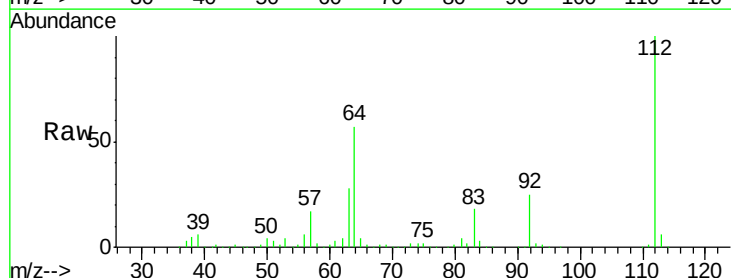
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



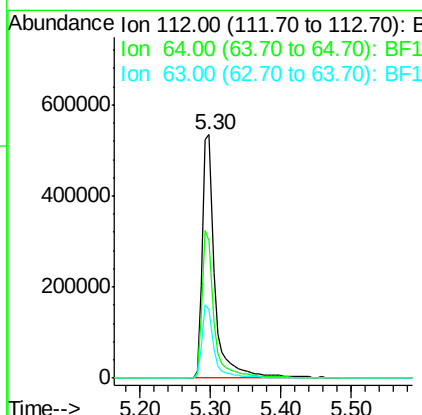
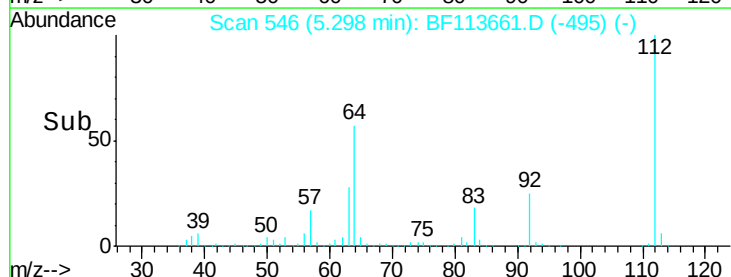
#5

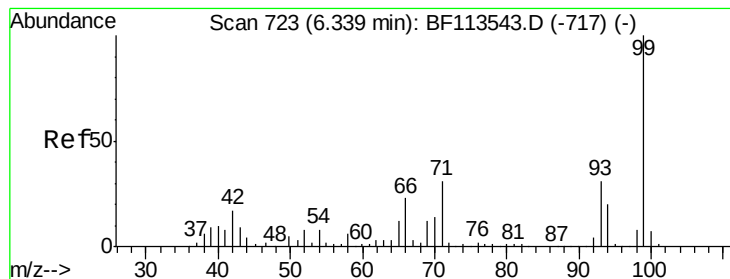
2-Fluorophenol
Concen: 100.739 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Tgt Ion:112 Resp: 676612
Ion Ratio Lower Upper
112 100
64 56.5 49.2 73.8
63 28.0 24.9 37.3



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: 131.929 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

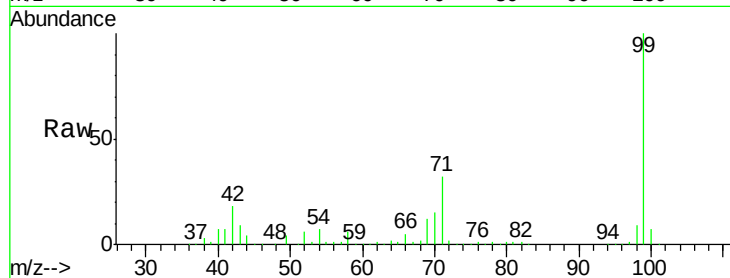
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1092130

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	32.3	24.9	37.3

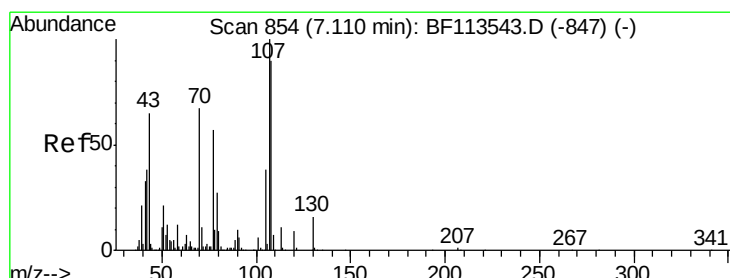
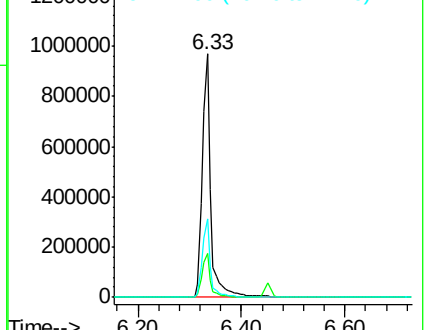
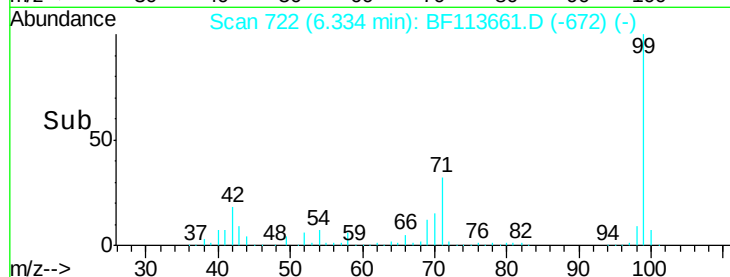


Abundance

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: 16.566 ng

RT: 7.25 min Scan# 877

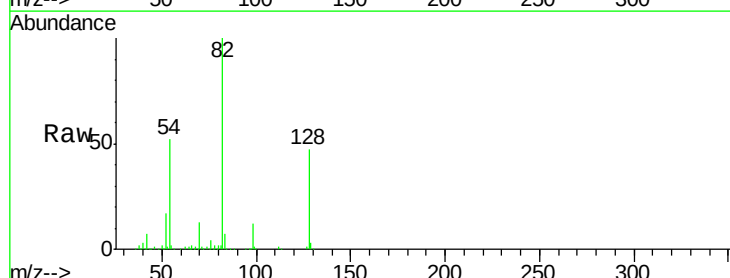
Delta R.T. 0.14 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

Tgt Ion: 70 Resp: 84562

Ion	Ratio	Lower	Upper
70	100		
42	49.2	48.4	72.6
101	0.0	7.8	11.8#
130	1.9	18.2	27.4#



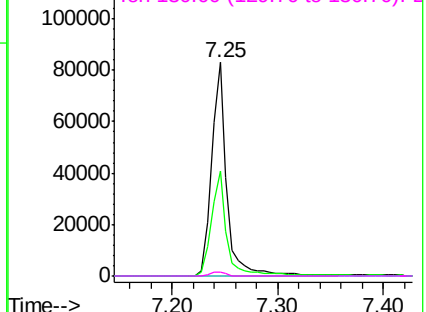
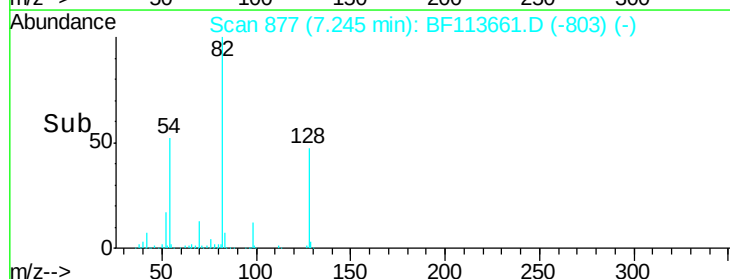
Abundance

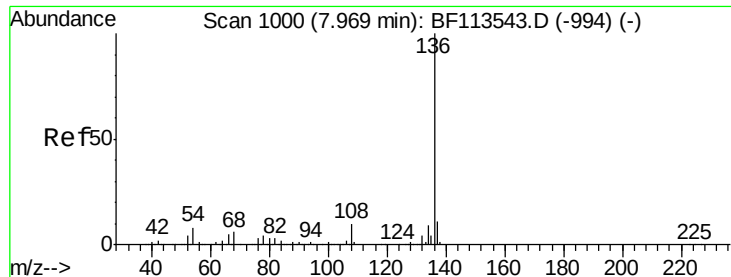
Ion 70.00 (69.70 to 70.70): BF1

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

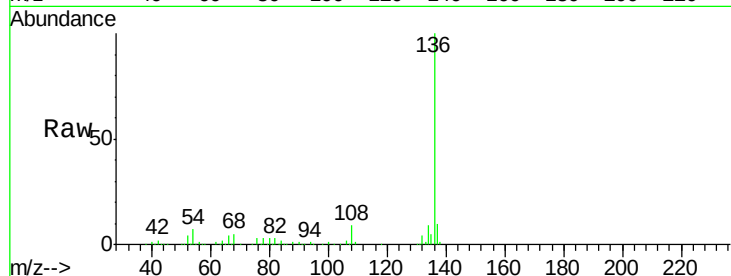




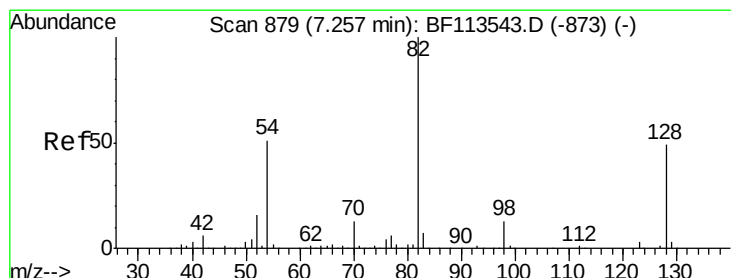
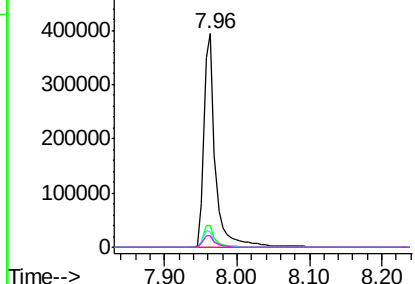
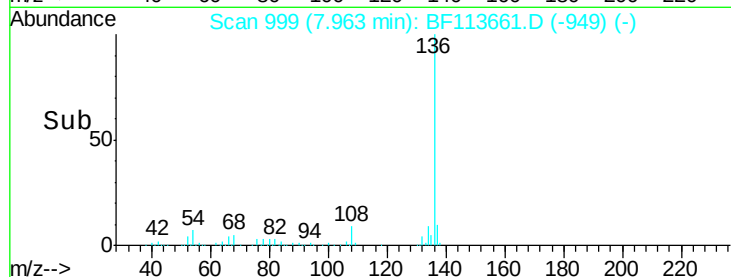
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	434471
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.9 13.3
54	7.2	7.0 10.6
68	5.3	4.8 7.2

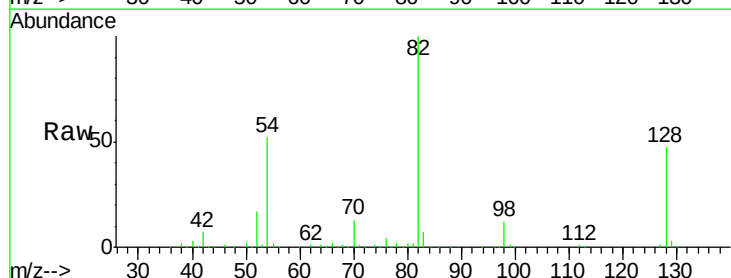


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

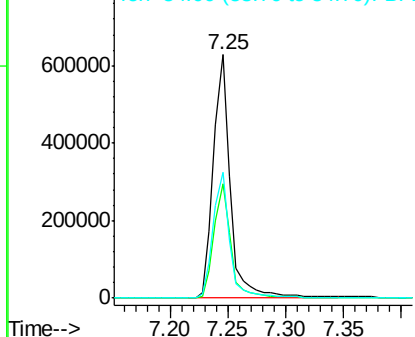
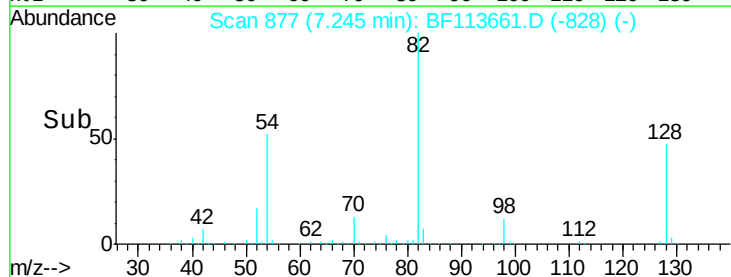


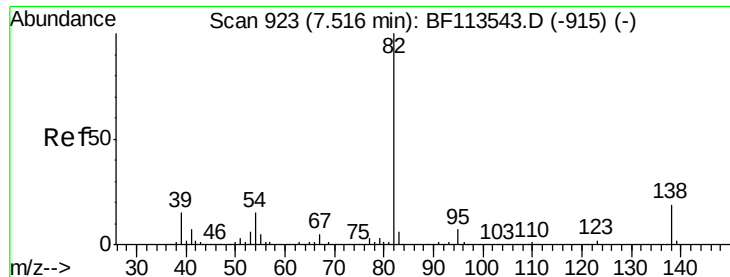
#23
Nitrobenzene-d5
Concen: 87.596 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Tgt Ion: 82	Resp:	649724
Ion	Ratio	Lower Upper
82	100	
128	47.1	36.5 54.7
54	51.6	42.2 63.2



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: 45.471 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

Instrument :

BNA_F

ClientSampleId :

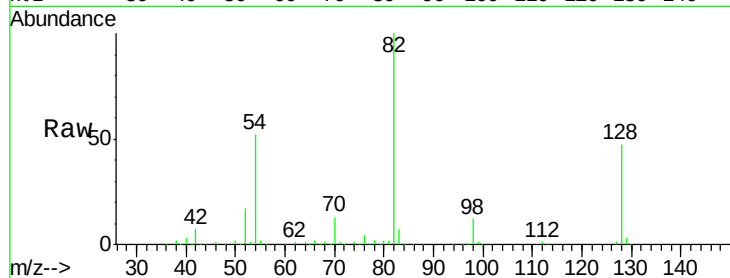
Tot Ion: 82 Resp: 649716

Ion Ratio Lower Upper

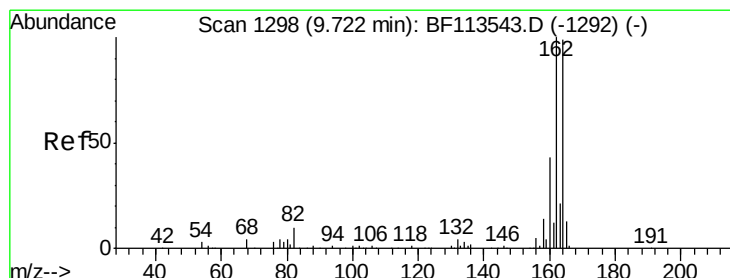
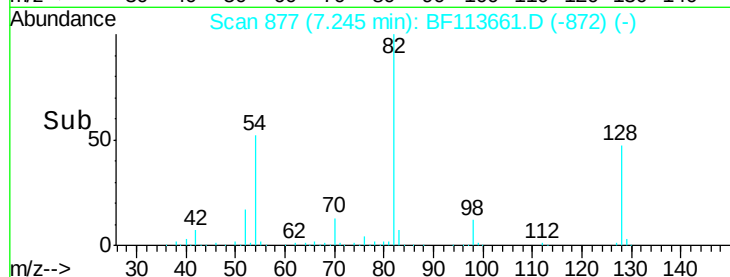
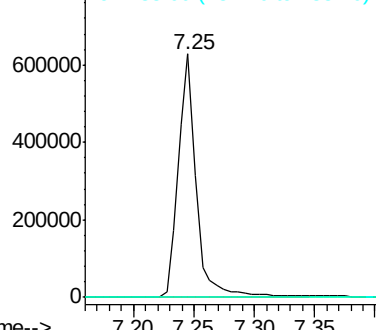
82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

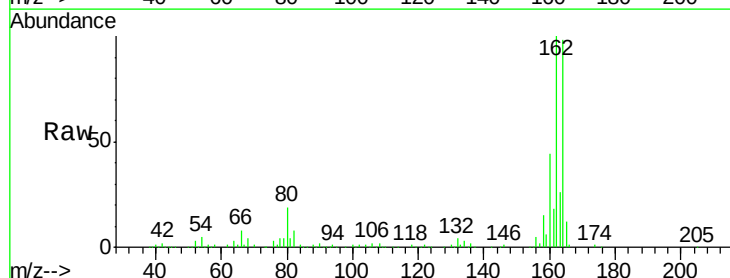
Tgt Ion:164 Resp: 214010

Ion Ratio Lower Upper

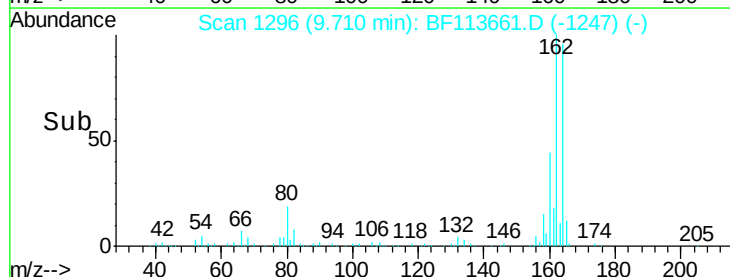
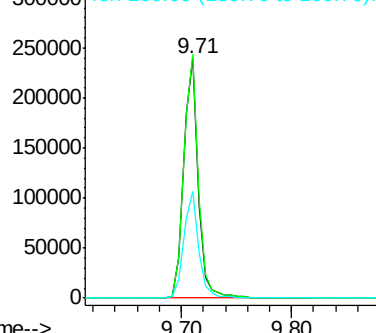
164 100

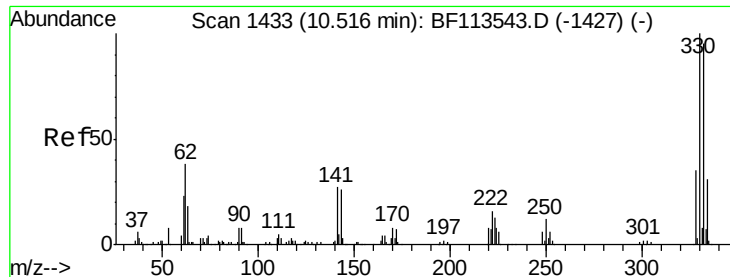
162 101.8 81.8 122.6

160 44.4 36.4 54.6



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

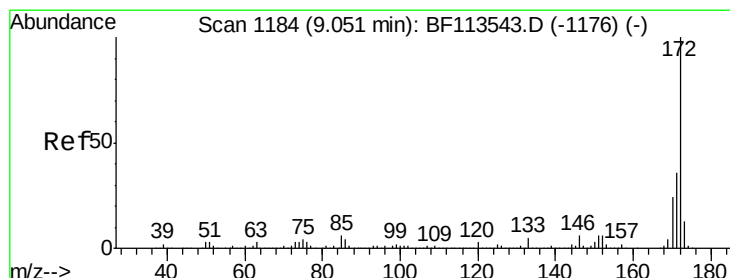
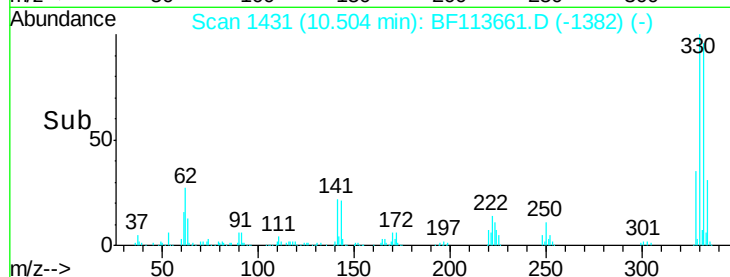
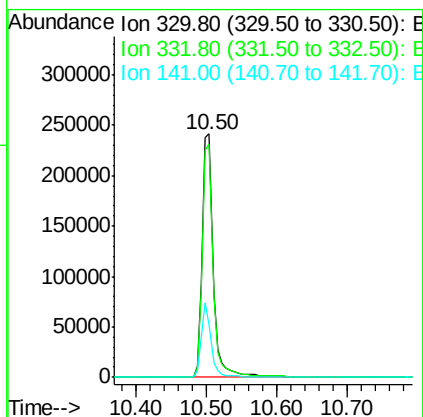
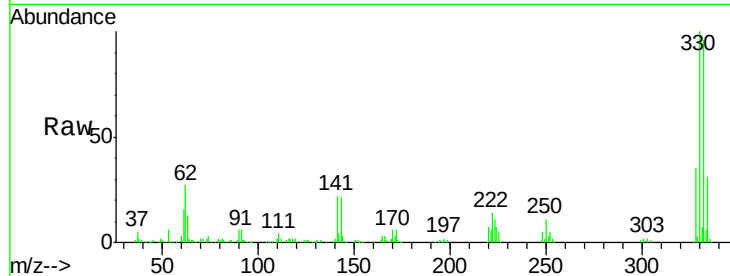




#42
 2,4,6-Tribromophenol
 Concen: 104.431 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113661.D
 Acq: 9 Apr 2019 15:08

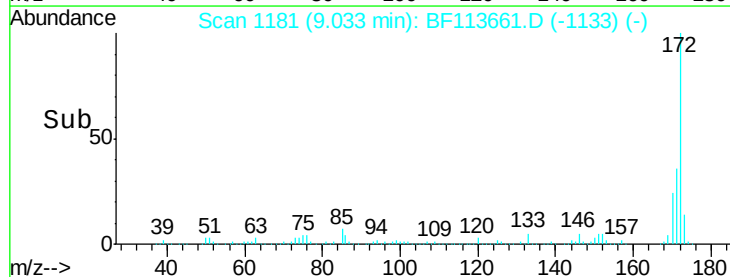
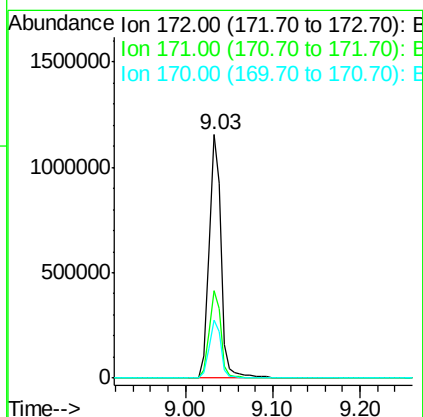
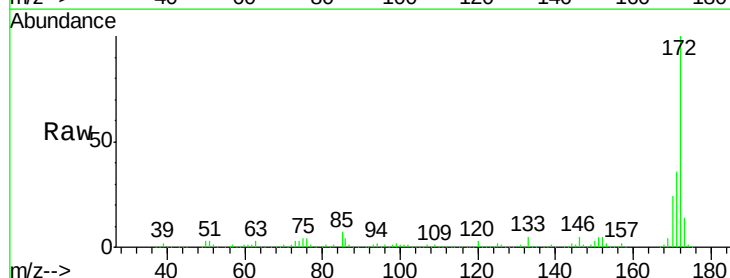
Instrument :
 BNA_F
 ClientSampleId :

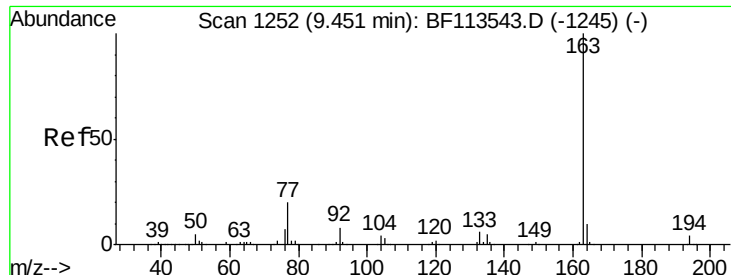
Tot Ion:330 Resp: 268469
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.8 116.6
 141 27.4 22.7 34.1



#45
 2-Fluorobiphenyl
 Concen: 82.916 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113661.D
 Acq: 9 Apr 2019 15:08

Tgt Ion:172 Resp: 1102244
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.1 19.5 29.3

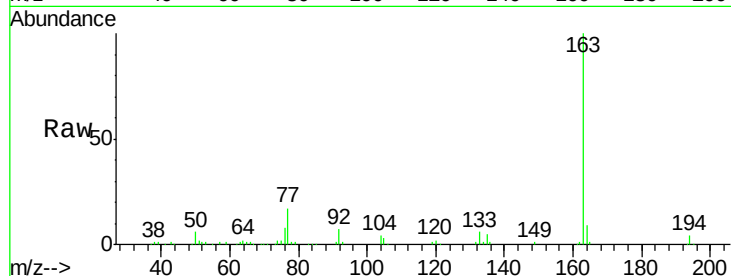




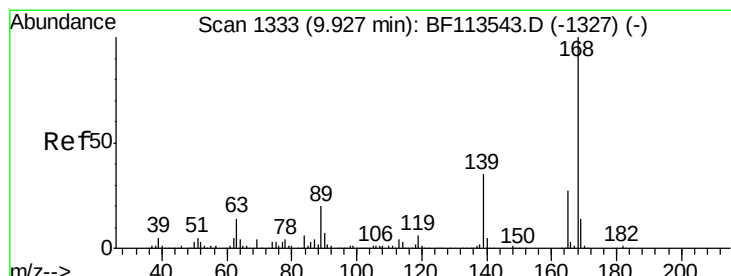
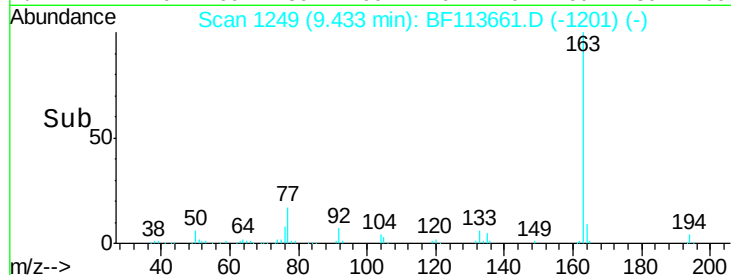
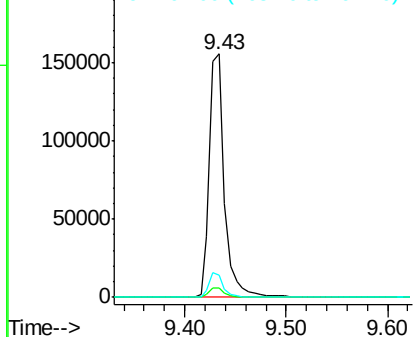
#50
Dimethylphthalate
Concen: 10.256 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 161790
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.1 8.1 12.1

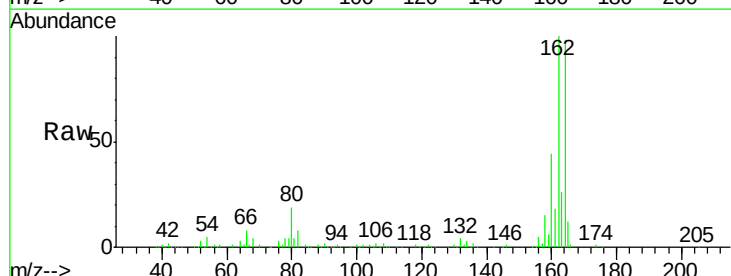


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

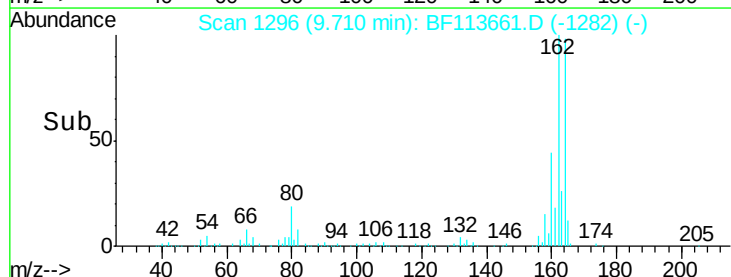
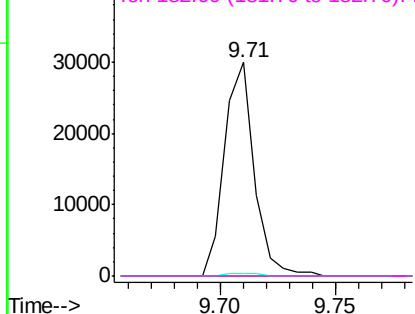


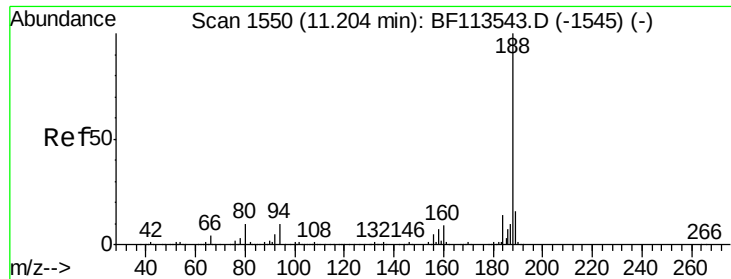
#57
2,4-Dinitrotoluene
Concen: 6.398 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Tgt Ion:165 Resp: 26908
Ion Ratio Lower Upper
165 100
63 0.0 37.5 56.3#
89 1.5 57.4 86.2#
182 0.0 2.0 3.0#



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

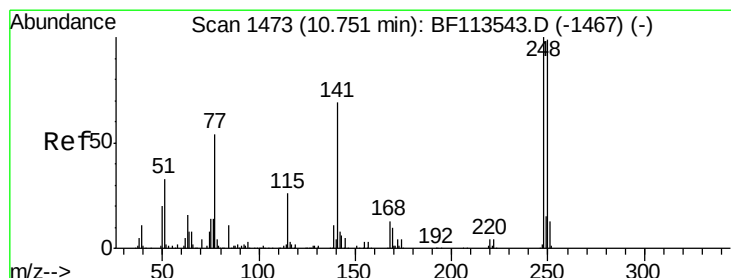
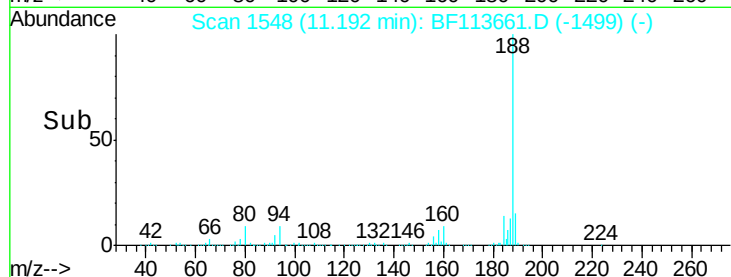
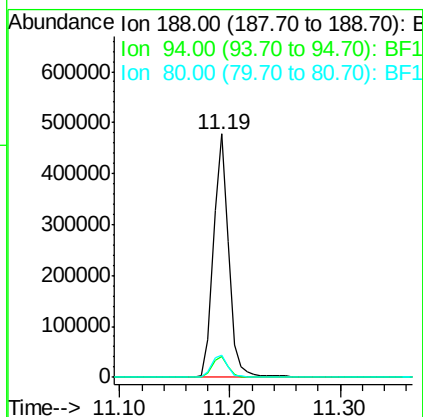
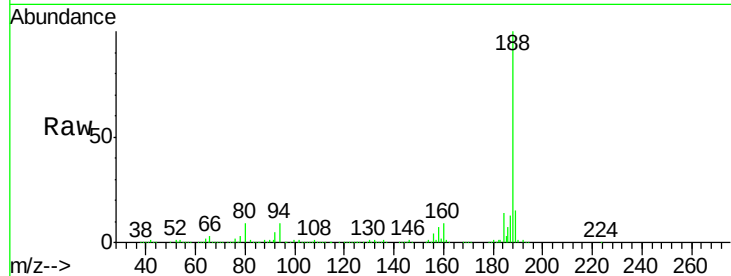




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

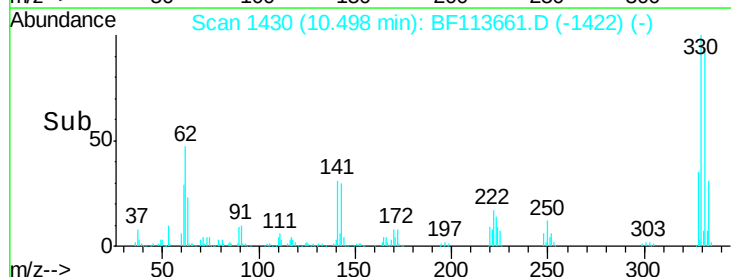
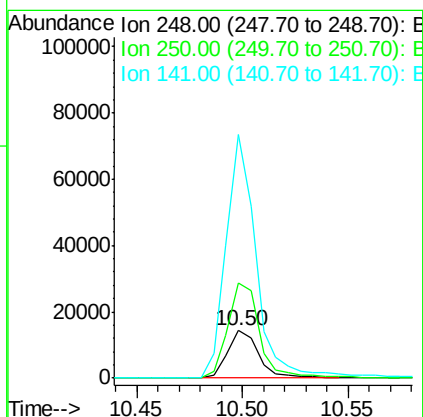
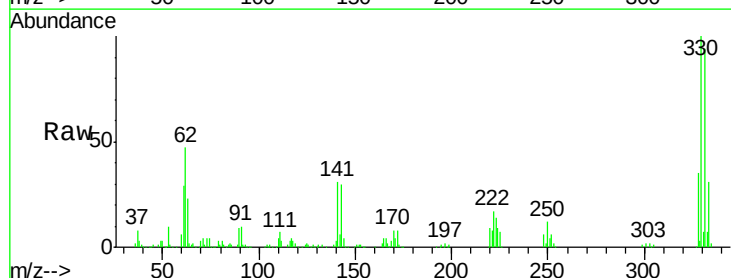
Instrument :
BNA_F
ClientSampleId :

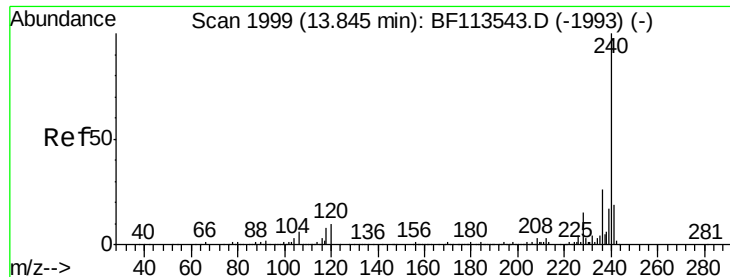
Tot Ion:188 Resp: 449754
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.1 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.864 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.25 min
Lab File: BF113661.D
Acq: 9 Apr 2019 15:08

Tgt Ion:248 Resp: 14447
Ion Ratio Lower Upper
248 100
250 200.4 78.3 117.5#
141 510.3 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

Instrument :

BNA_F

ClientSampleID :

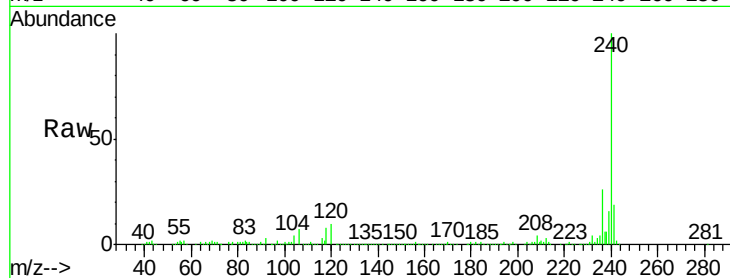
Tot Ion:240 Resp: 388635

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

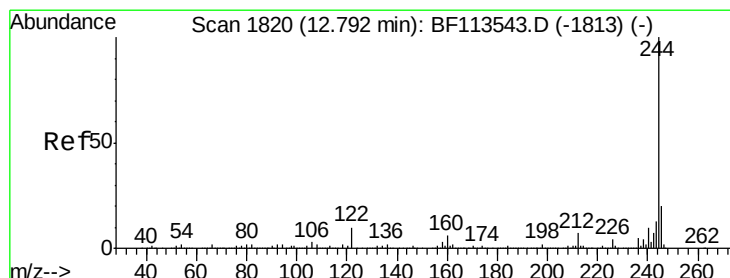
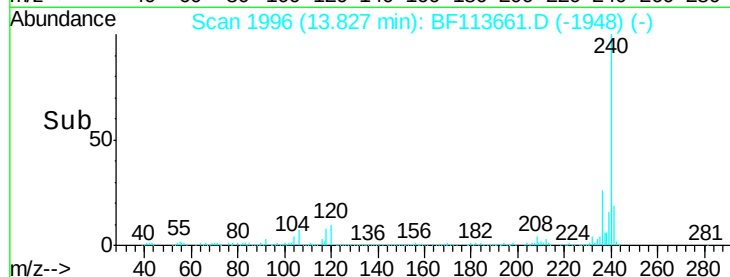
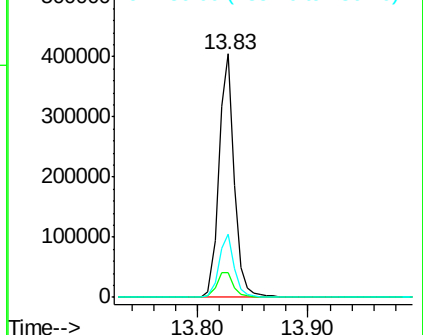
236 25.9 20.9 31.3



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: 66.384 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

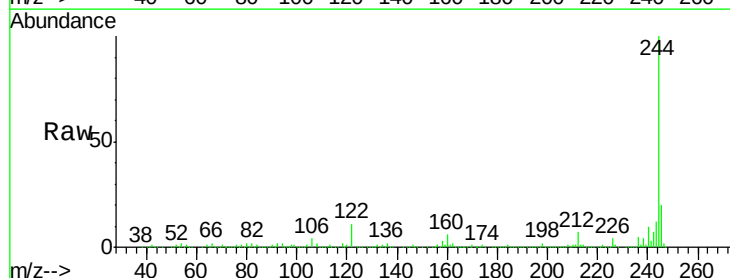
Tgt Ion:244 Resp: 1267143

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

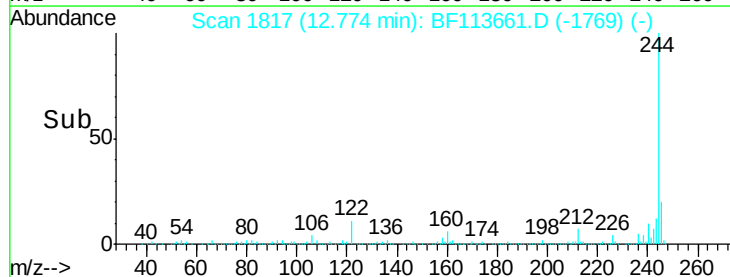
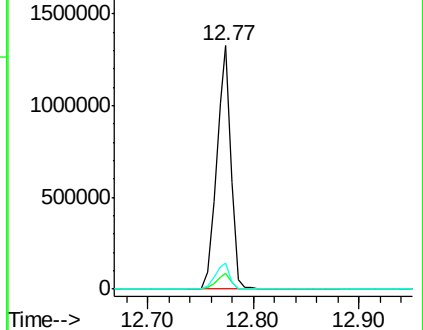
122 10.8 8.6 13.0

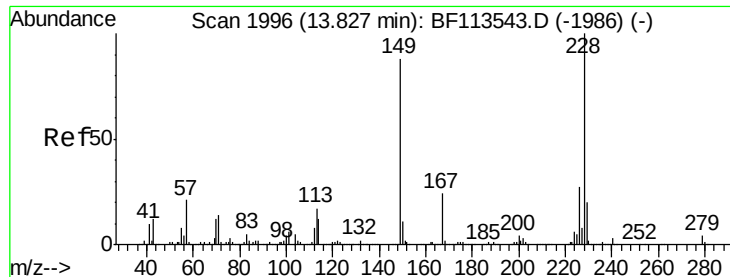


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.020 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

Instrument :

BNA_F

ClientSampleId :

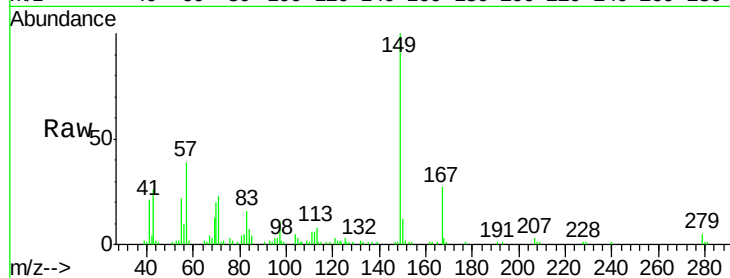
Tot Ion:149 Resp: 43946

Ion Ratio Lower Upper

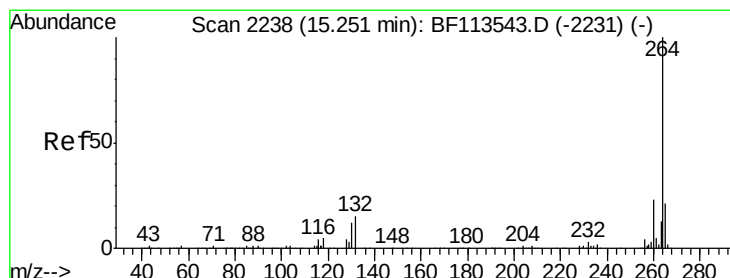
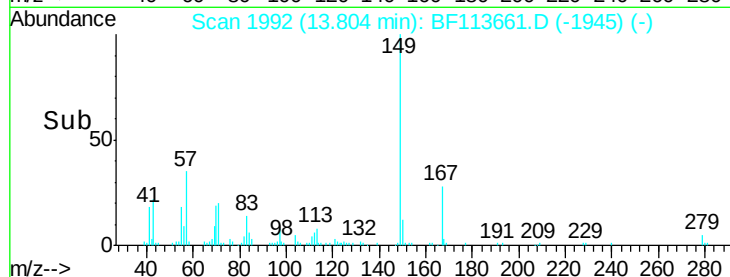
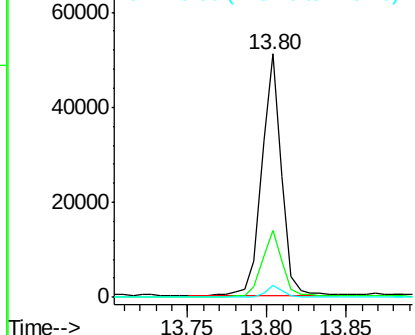
149 100

167 27.4 21.8 32.8

279 4.9 2.9 4.3#



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: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113661.D

Acq: 9 Apr 2019 15:08

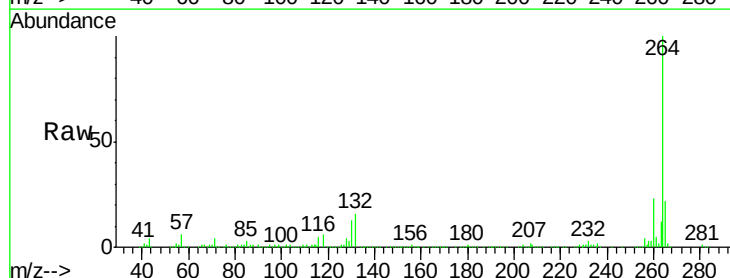
Tgt Ion:264 Resp: 321250

Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.8 17.1 25.7



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

