

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041519\
 Data File : BF113774.D
 Acq On : 15 Apr 2019 20:34
 Operator : JU/SJ
 Sample : K2390-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 15 23:09:22 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

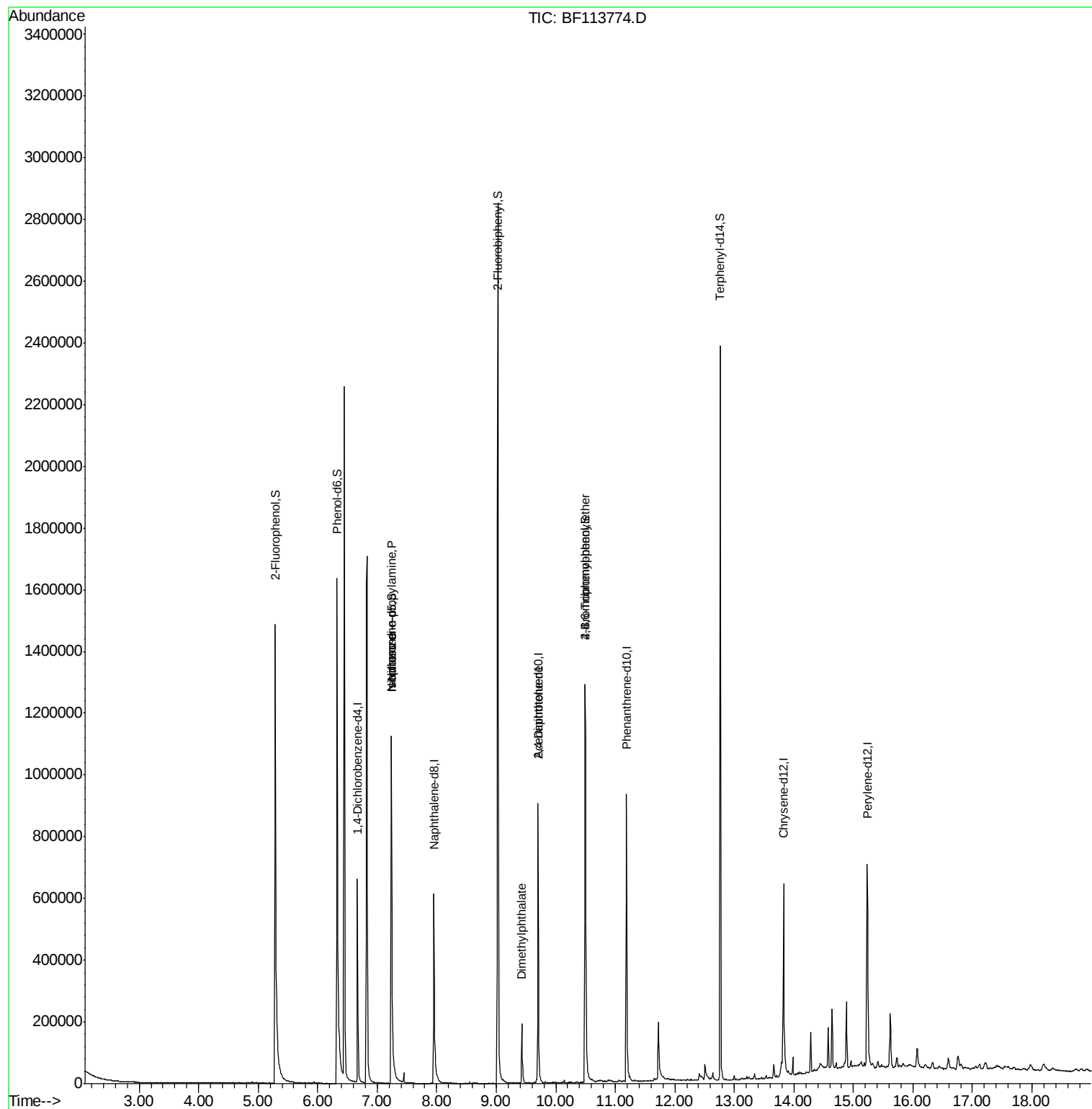
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	113294	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	424929	20.00	ng	-0.02
39) Acenaphthene-d10	9.70	164	204219	20.00	ng	-0.02
64) Phenanthrene-d10	11.19	188	409346	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	258404	20.00	ng	-0.02
87) Perylene-d12	15.23	264	311723	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	635653	95.67	ng	-0.01
7) Phenol-d6	6.33	99	850134	103.82	ng	-0.01
23) Nitrobenzene-d5	7.24	82	488788	67.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.50	330	221989	90.49	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	935753	73.77	ng	-0.02
79) Terphenyl-d14	12.76	244	882205	69.51	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	62465	12.371	ng	# 76
25) Isophorone	7.24	82	488786	34.977	ng	# 64
50) Dimethylphthalate	9.43	163	109537	7.276	ng	# 99
57) 2,4-Dinitrotoluene	9.70	165	25432	6.337	ng	# 22
67) 4-Bromophenyl-phenylether	10.49	248	12300	2.679	ng	# 1

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

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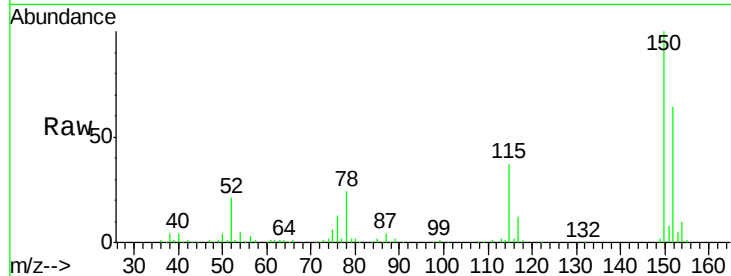


#1

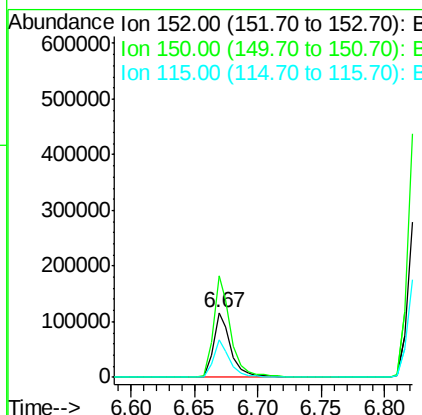
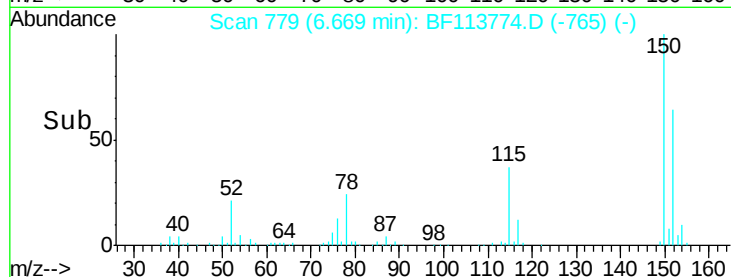
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF113774.D
 Acq: 15 Apr 2019 20:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 113294
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.7 187.1
 115 57.5 46.0 69.0



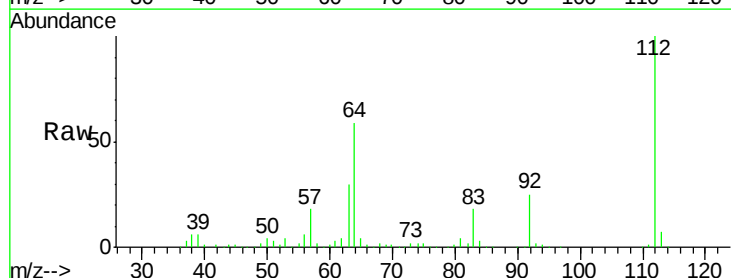
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



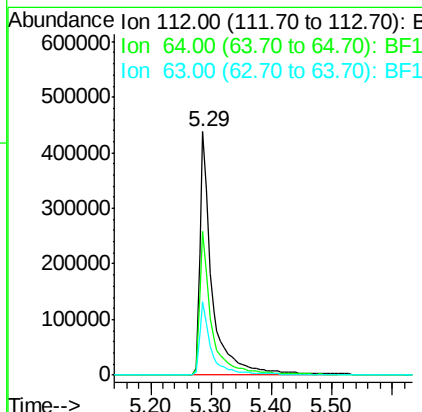
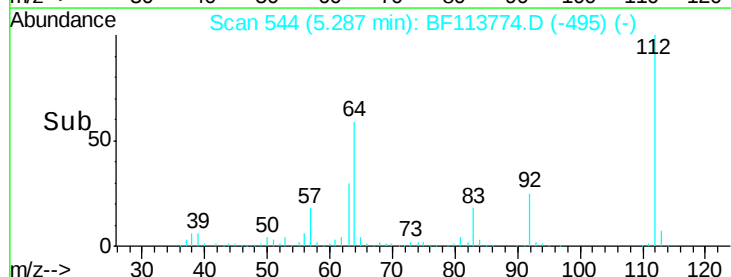
#5

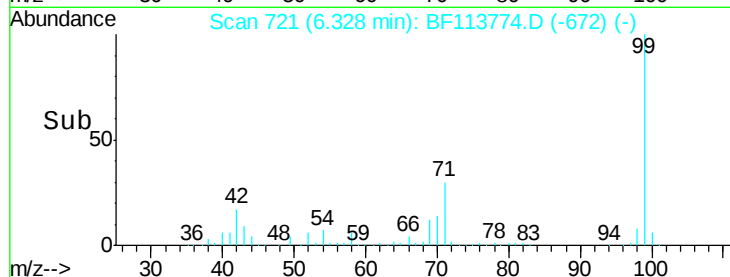
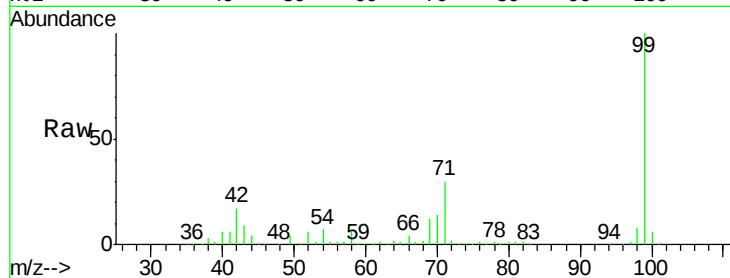
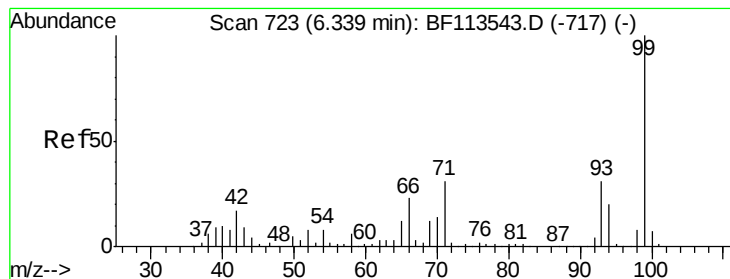
2-Fluorophenol
 Concen: 95.675 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF113774.D
 Acq: 15 Apr 2019 20:34

Tgt Ion:112 Resp: 635653
 Ion Ratio Lower Upper
 112 100
 64 58.8 49.2 73.8
 63 29.9 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: 103.818 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Tot Ion: 99 Resp: 850134

Ion Ratio Lower Upper

99 100

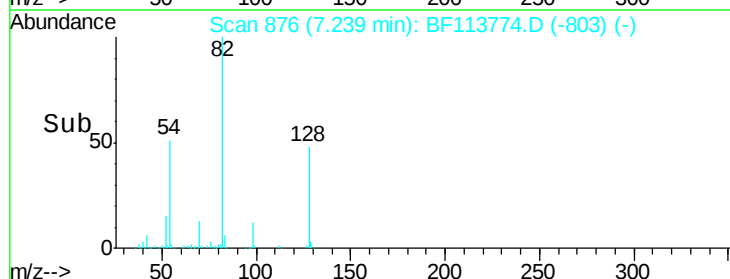
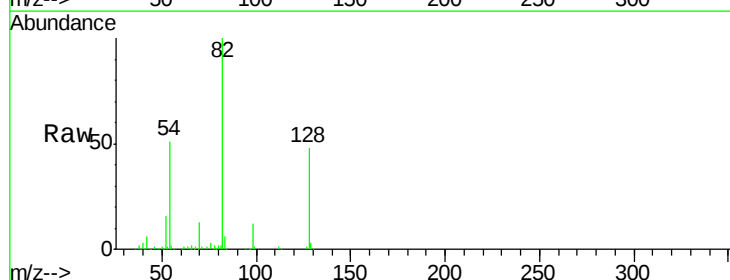
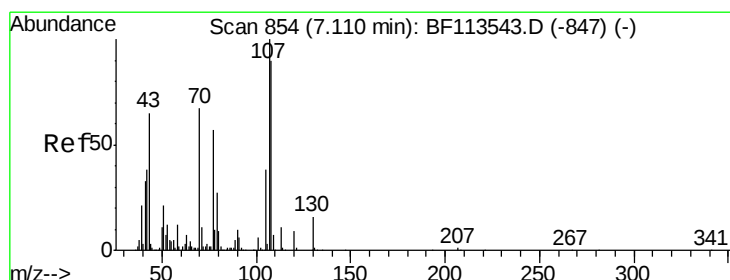
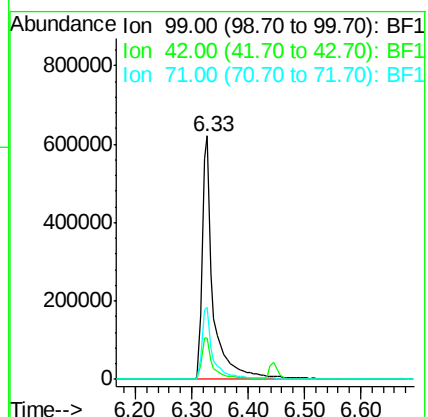
42 17.0 14.8 22.2

71 29.6 24.9 37.3

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 12.371 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.13 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Tgt Ion: 70 Resp: 62465

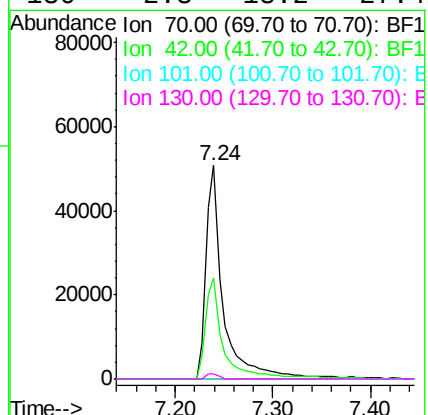
Ion Ratio Lower Upper

70 100

42 47.3 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 424929

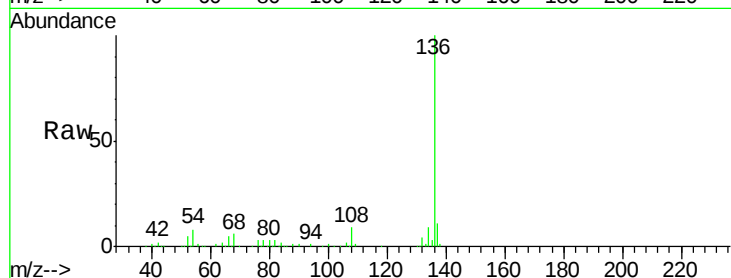
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.1 7.0 10.6

68 6.1 4.8 7.2

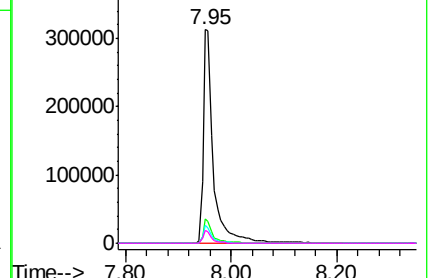
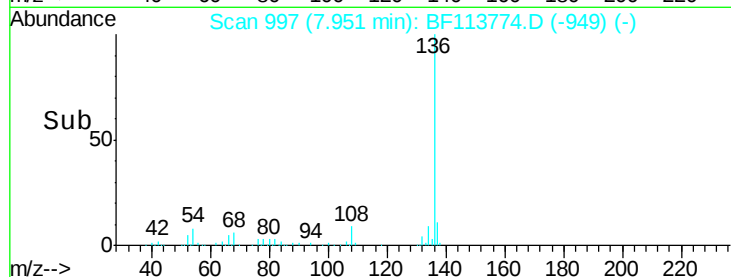


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.378 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

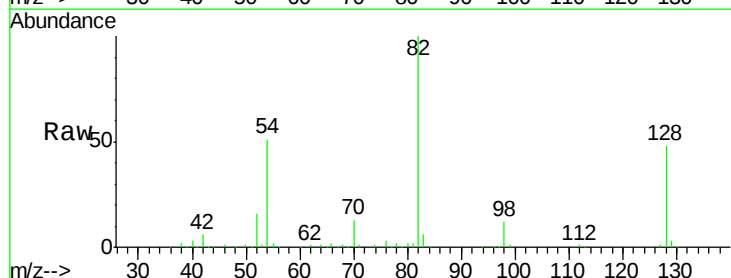
Tgt Ion: 82 Resp: 488788

Ion Ratio Lower Upper

82 100

128 47.8 36.5 54.7

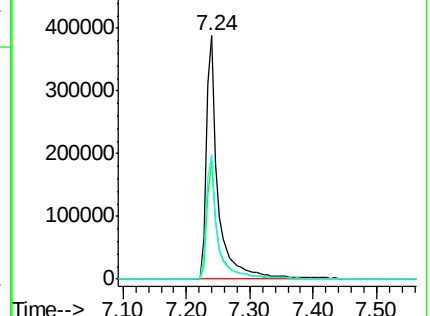
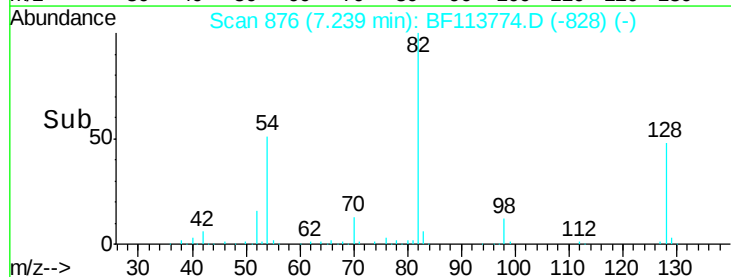
54 51.2 42.2 63.2

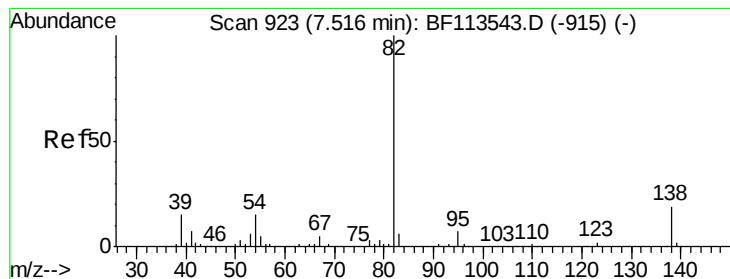


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.977 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.28 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Instrument :

BNA_F

ClientSampleId :

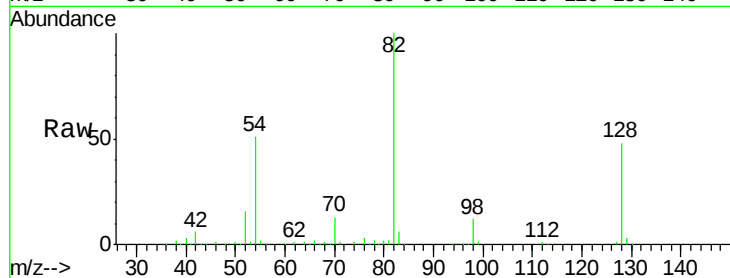
Tot Ion: 82 Resp: 488786

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

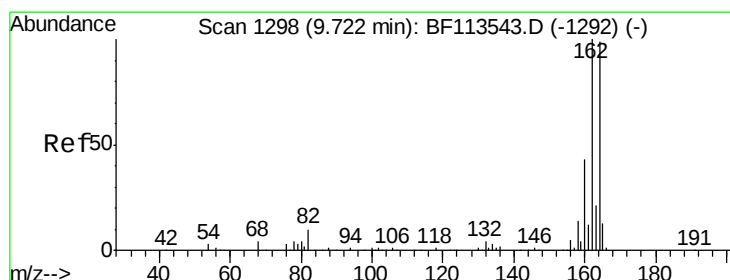
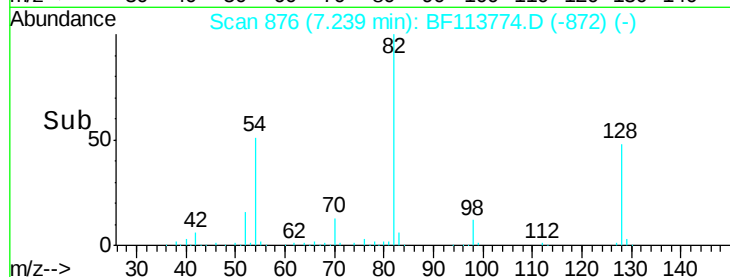
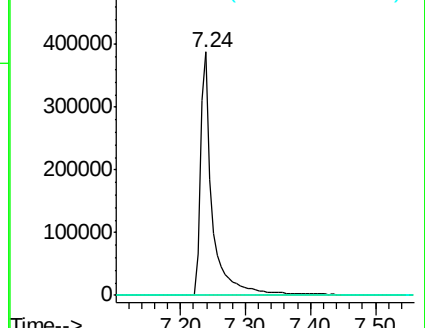
138 0.0 15.2 22.8#



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: 9.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

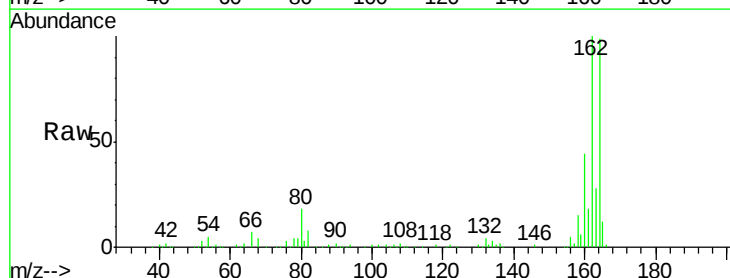
Tgt Ion:164 Resp: 204219

Ion Ratio Lower Upper

164 100

162 101.4 81.8 122.6

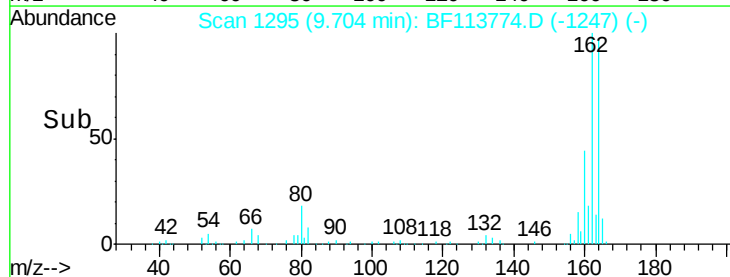
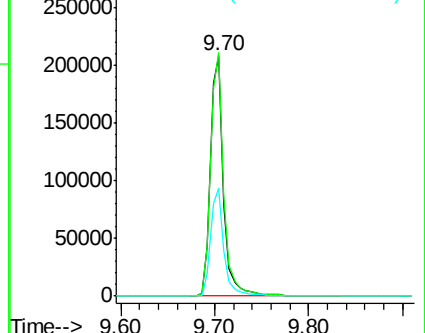
160 44.8 36.4 54.6



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

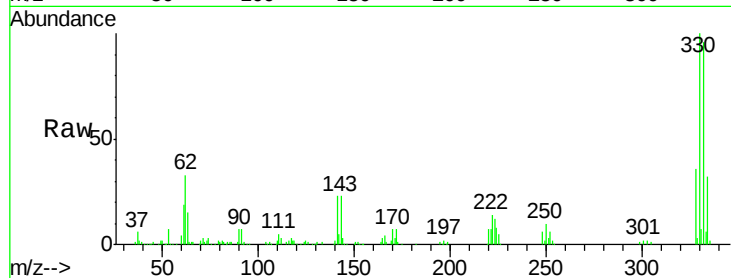




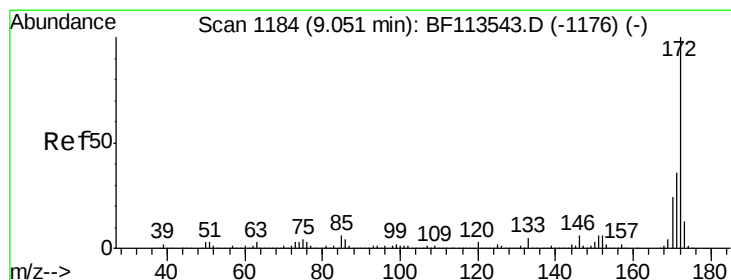
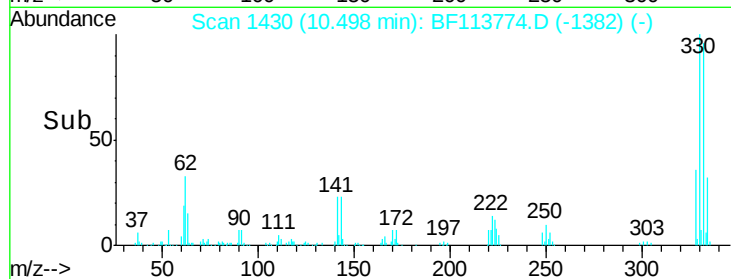
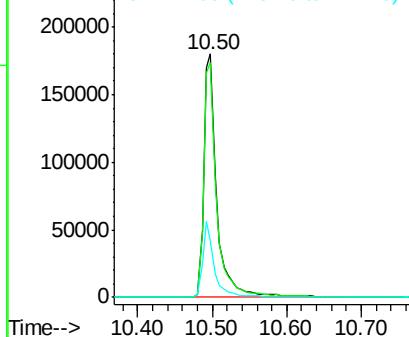
#42
2,4,6-Tribromophenol
Concen: 90.491 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF113774.D
Acq: 15 Apr 2019 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 221989
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 28.3 22.7 34.1

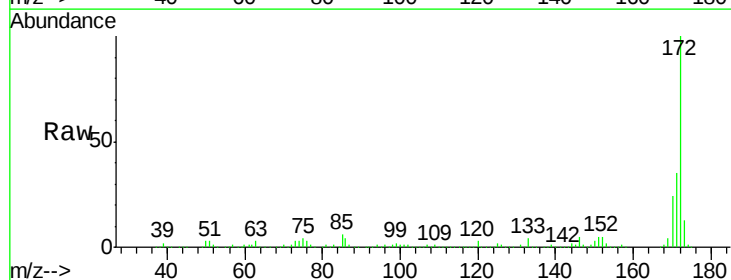


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

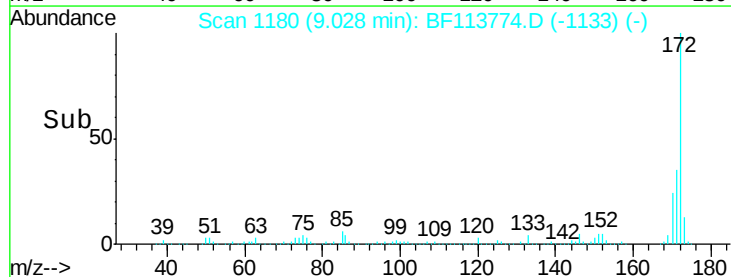
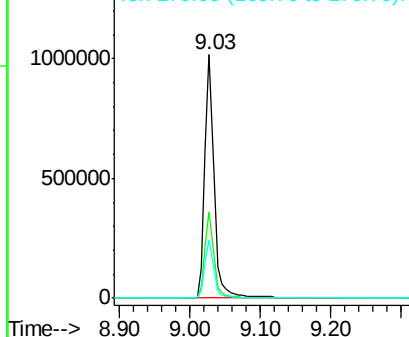


#45
2-Fluorobiphenyl
Concen: 73.767 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF113774.D
Acq: 15 Apr 2019 20:34

Tgt Ion:172 Resp: 935753
Ion Ratio Lower Upper
172 100
171 35.5 29.0 43.6
170 23.8 19.5 29.3



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: 7.276 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Instrument :

BNA_F

ClientSampleId :

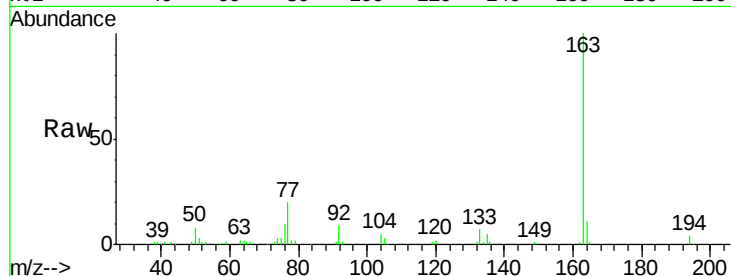
Tot Ion:163 Resp: 109537

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

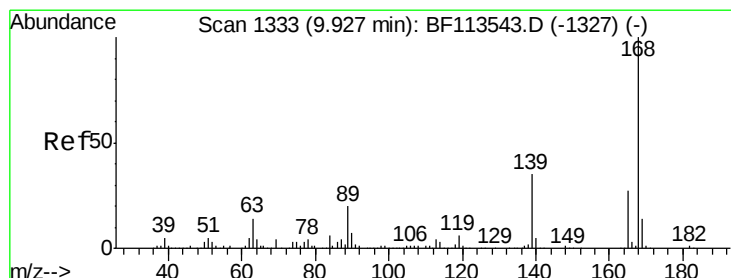
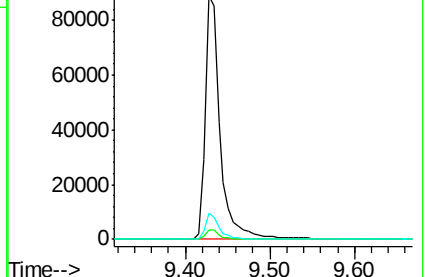
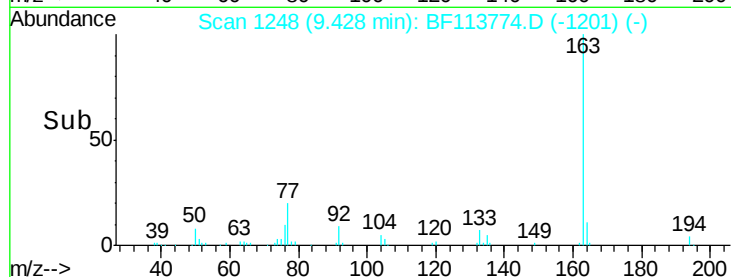
164 10.5 8.1 12.1



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: 6.337 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.22 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Tgt Ion:165 Resp: 25432

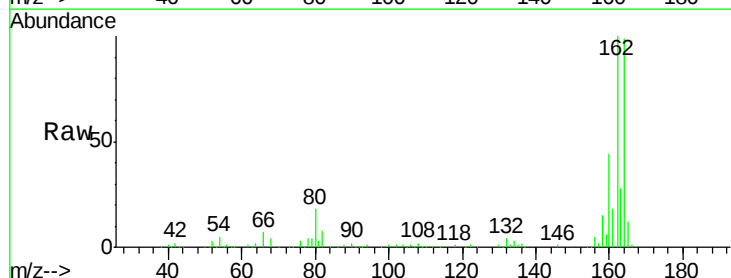
Ion Ratio Lower Upper

165 100

63 1.6 37.5 56.3#

89 0.0 57.4 86.2#

182 0.0 2.0 3.0#

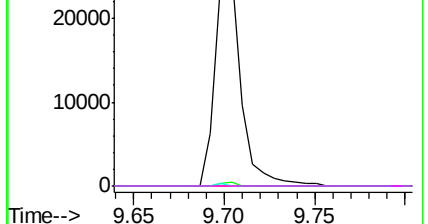
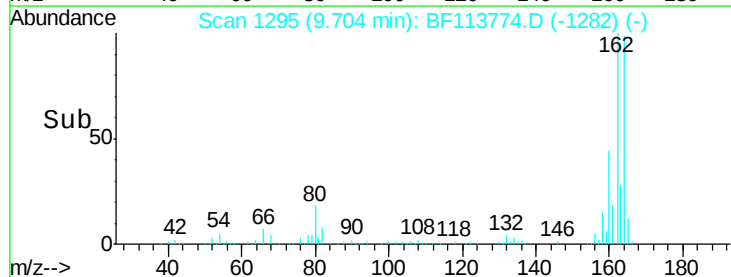


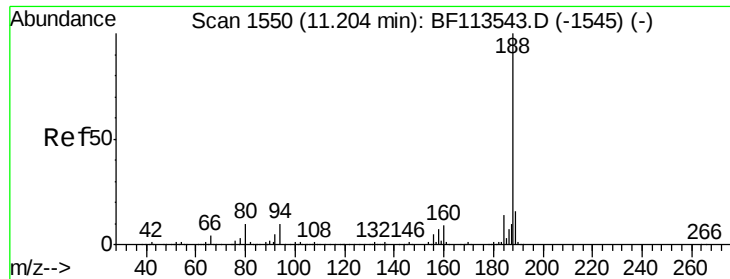
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1547

Delta R.T. -0.02 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

Instrument :

BNA_F

ClientSampleId :

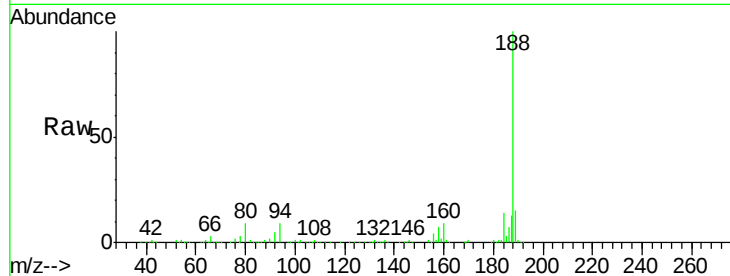
Tot Ion:188 Resp: 409346

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.4 7.7 11.5



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

500000

400000

300000

200000

100000

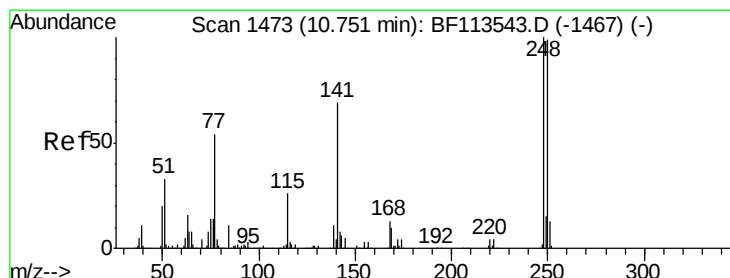
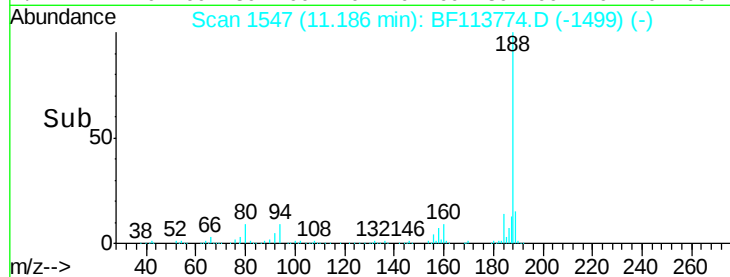
0

11.19

11.20

11.40

Time-->



#67

4-Bromophenyl-phenylether

Concen: 2.679 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.26 min

Lab File: BF113774.D

Acq: 15 Apr 2019 20:34

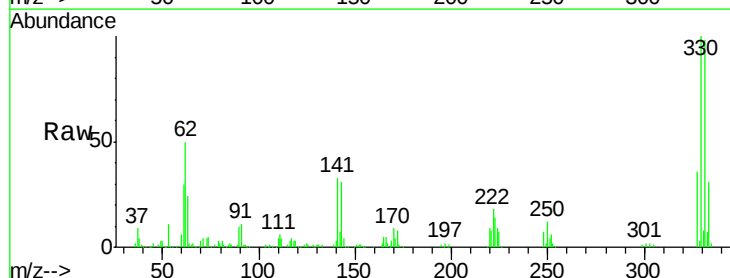
Tgt Ion:248 Resp: 12300

Ion Ratio Lower Upper

248 100

250 188.2 78.3 117.5#

141 498.3 56.2 84.4#



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

60000

40000

20000

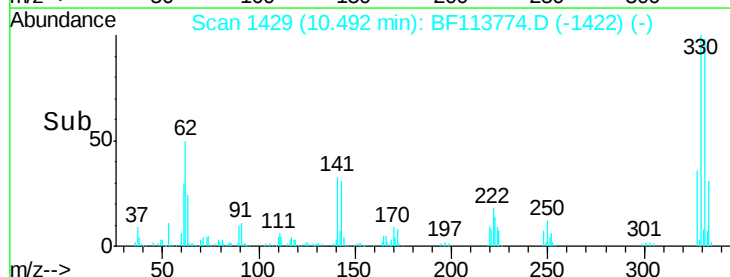
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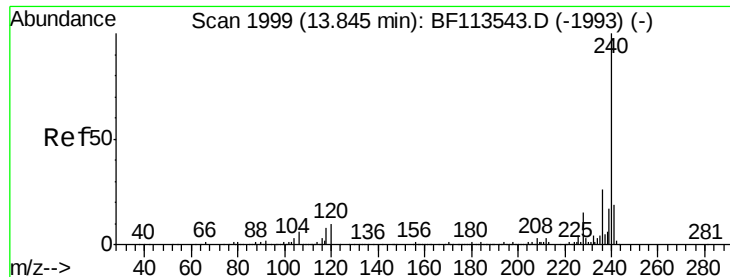
10.49

10.45

10.55

Time-->

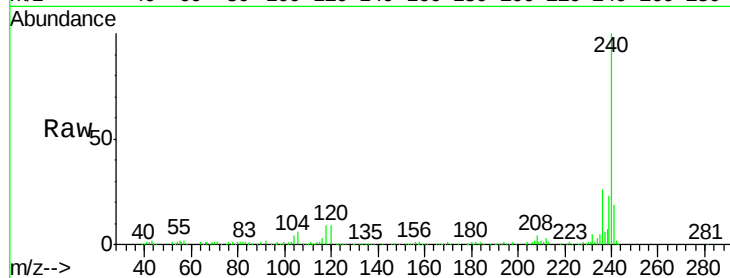




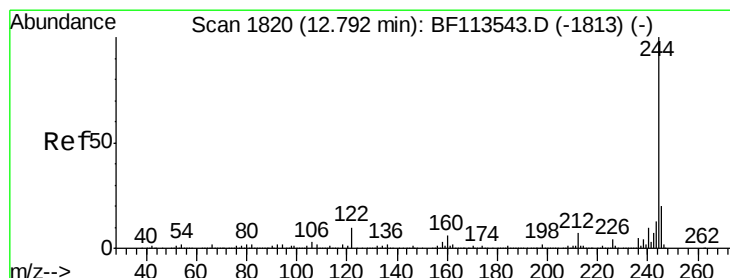
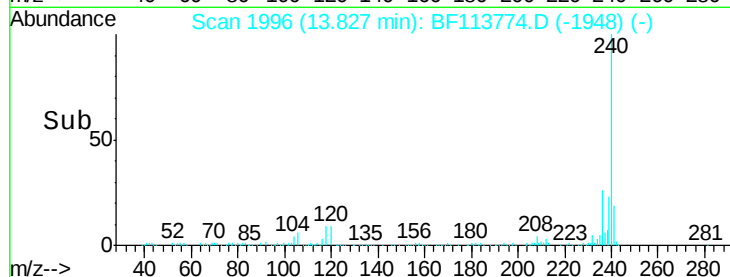
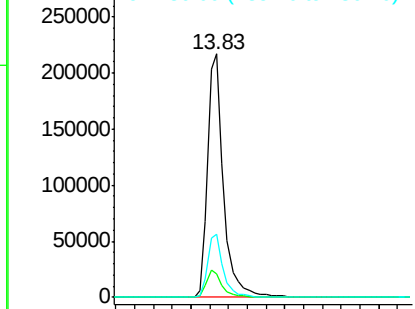
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1996
Delta R.T. -0.02 min
Lab File: BF113774.D
Acq: 15 Apr 2019 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 258404
Ion Ratio Lower Upper
240 100
120 9.5 8.8 13.2
236 25.8 20.9 31.3

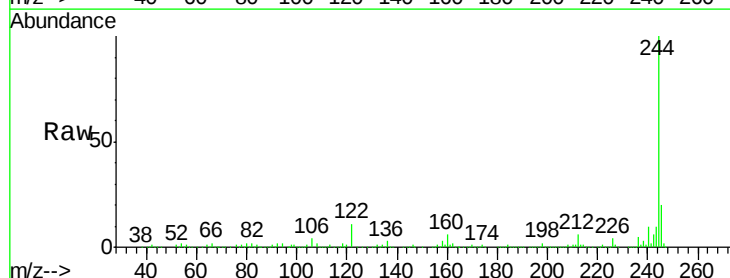


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

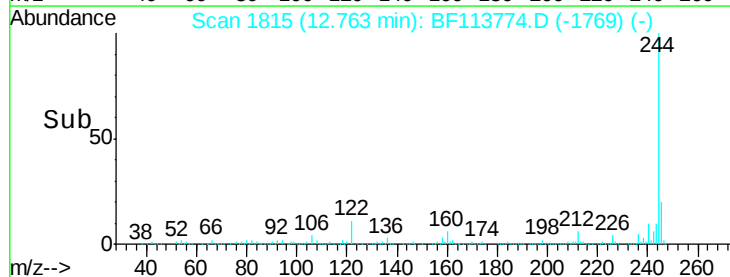
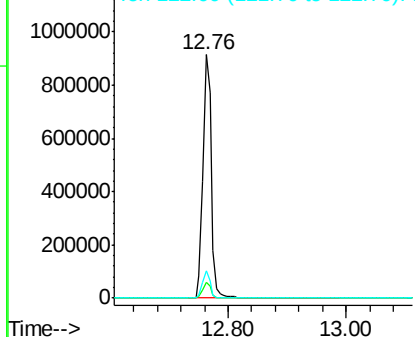


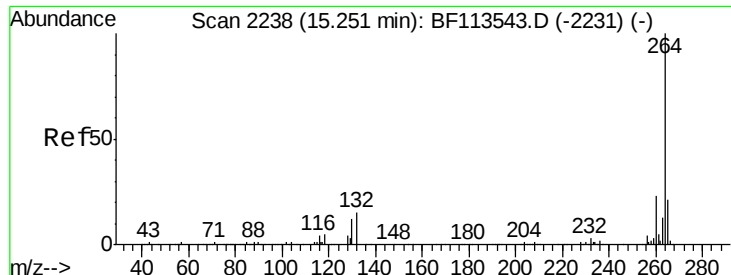
#79
Terphenyl-d14
Concen: 69.511 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.03 min
Lab File: BF113774.D
Acq: 15 Apr 2019 20:34

Tgt Ion:244 Resp: 882205
Ion Ratio Lower Upper
244 100
212 6.5 5.5 8.3
122 11.2 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

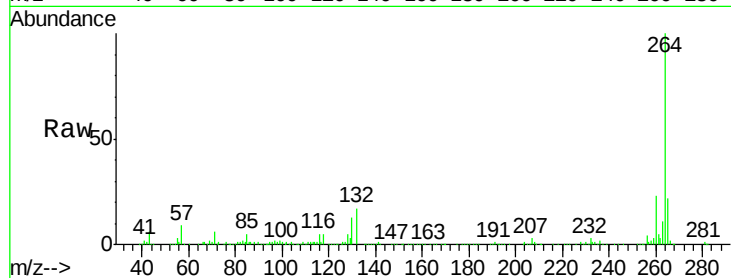




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113774.D
 Acq: 15 Apr 2019 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.5	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

