

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113399.D
 Acq On : 29 Mar 2019 4:38
 Operator : JU/SJ
 Sample : K2111-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Quant Time: Mar 29 05:27:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

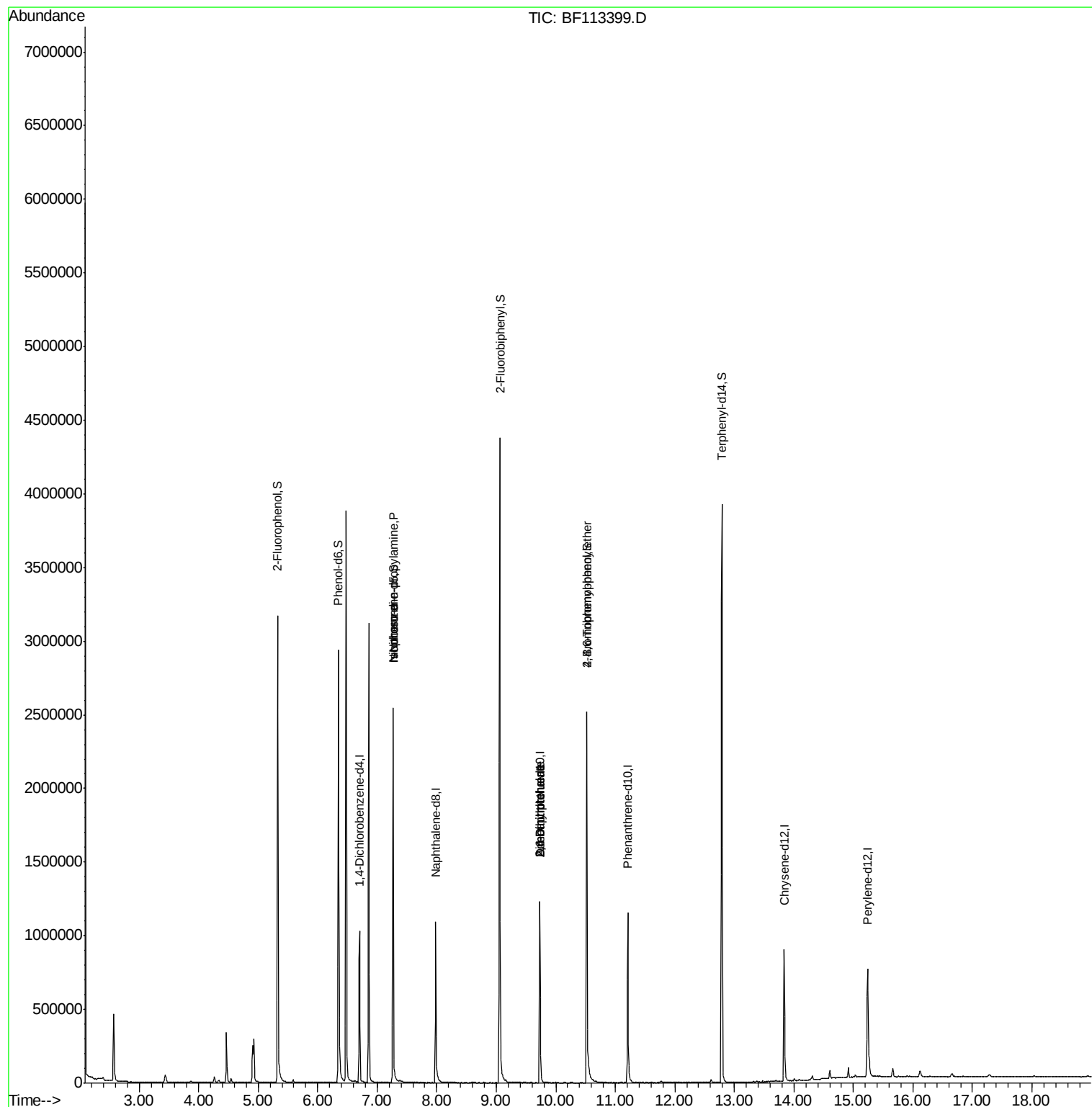
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162512	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	600153	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	282384	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	508456	20.00	ng	0.00
76) Chrysene-d12	13.84	240	383979	20.00	ng	0.00
87) Perylene-d12	15.24	264	396651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1023130	102.94	ng	0.01
7) Phenol-d6	6.35	99	1157553	92.07	ng	0.00
23) Nitrobenzene-d5	7.27	82	944155	93.38	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	435697	124.91	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1693818	96.37	ng	0.00
79) Terphenyl-d14	12.79	244	1480935	85.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	120807	15.297	ng	# 75
25) Isophorone	7.27	82	939240	47.931	ng	# 64
50) Dimethylphthalate	9.73	163	69037	3.299	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	34837	7.379	ng	# 26
57) 2,4-Dinitrotoluene	9.73	165	34837	5.803	ng	# 23
67) 4-Bromophenyl-phenylether	10.52	248	24864	4.487	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: 6.70 min Scan# 785

Delta R.T. -0.00 min

Lab File: BF113399.D

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Instrument :

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S5(17-25)COMP

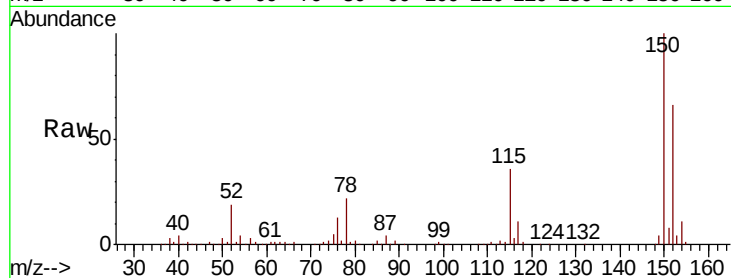
Tgt Ion:152 Resp: 162512

Ion Ratio Lower Upper

152 100

150 152.0 124.7 187.1

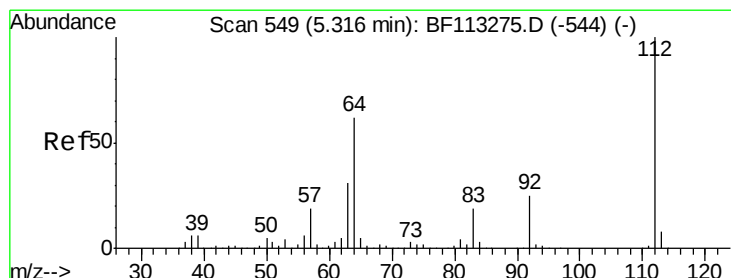
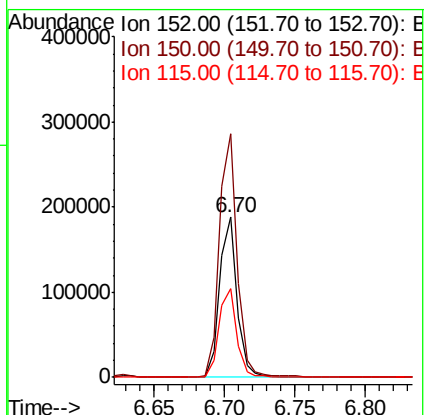
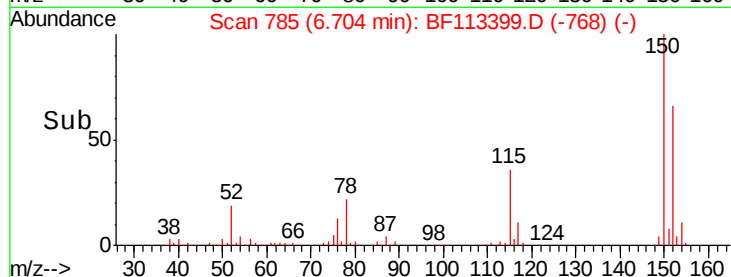
115 55.0 46.0 69.0



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: 102.943 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

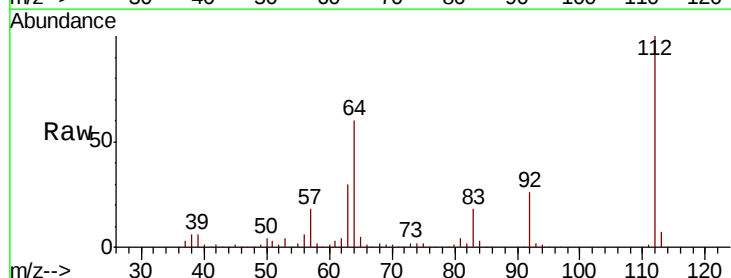
Tgt Ion:112 Resp: 1023130

Ion Ratio Lower Upper

112 100

64 59.9 49.2 73.8

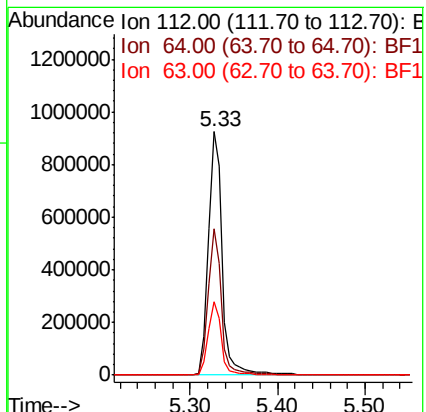
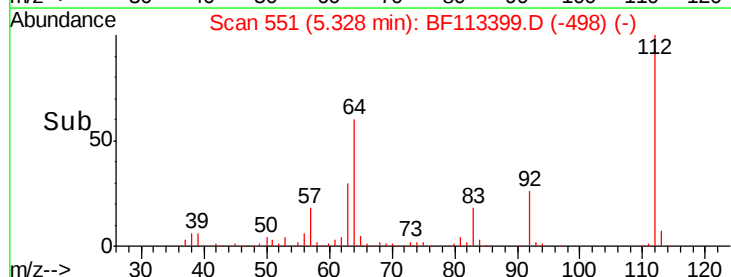
63 30.4 24.9 37.3



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: 92.065 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

BNA_F

ClientSampleId :

S5(17-25)COMP

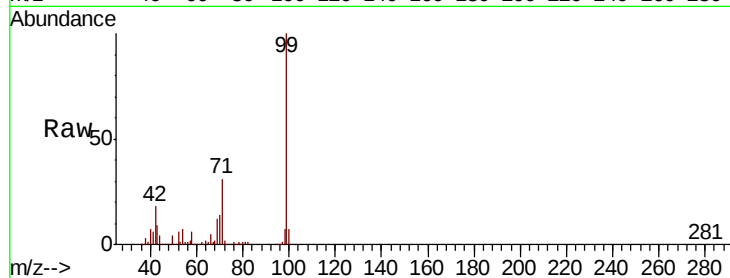
Tgt Ion: 99 Resp: 1157553

Ion Ratio Lower Upper

99 100

42 17.7 14.8 22.2

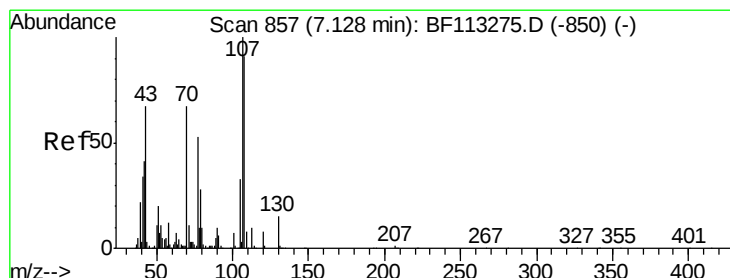
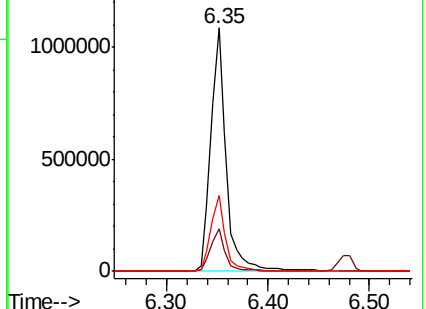
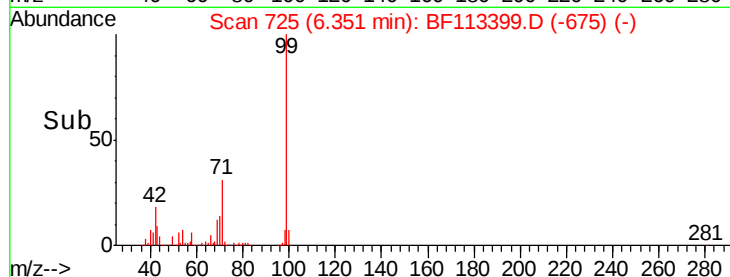
71 31.0 24.9 37.3



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: 15.297 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Tgt Ion: 70 Resp: 120807

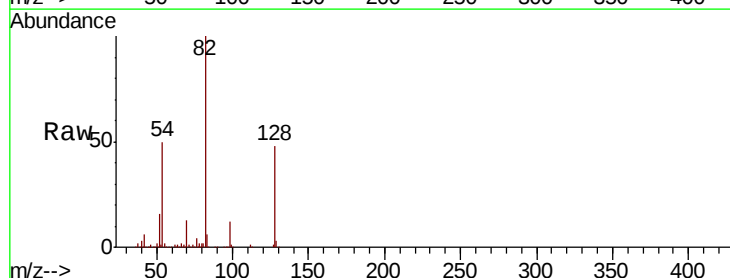
Ion Ratio Lower Upper

70 100

42 46.5 48.4 72.6#

101 0.0 7.8 11.8#

130 2.3 18.2 27.4#

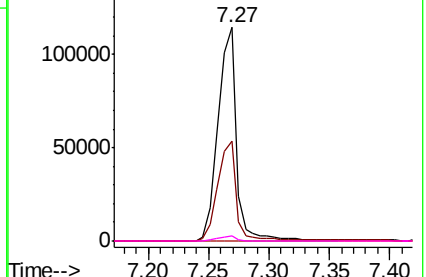
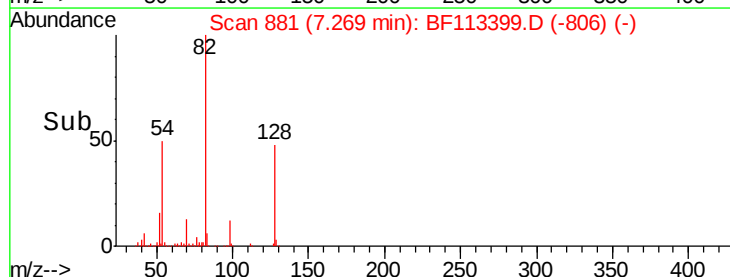


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

BNA_F

ClientSampleId :

S5(17-25)COMP

Tgt Ion: 136 Resp: 600153

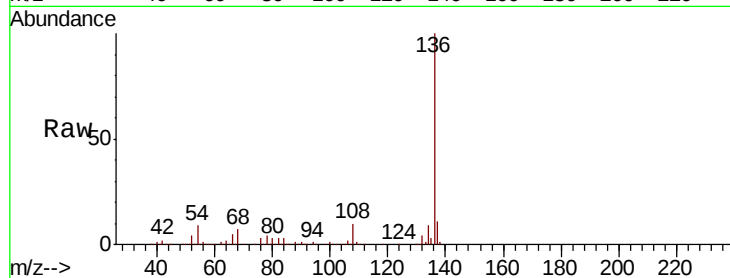
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.5 7.0 10.6

68 6.5 4.8 7.2

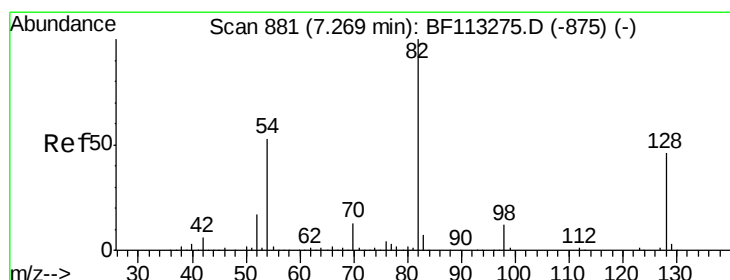
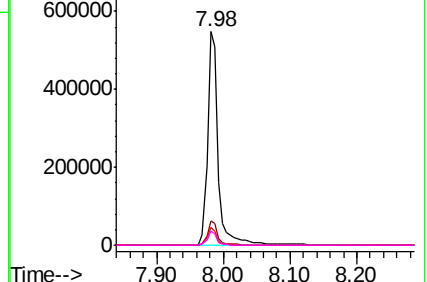
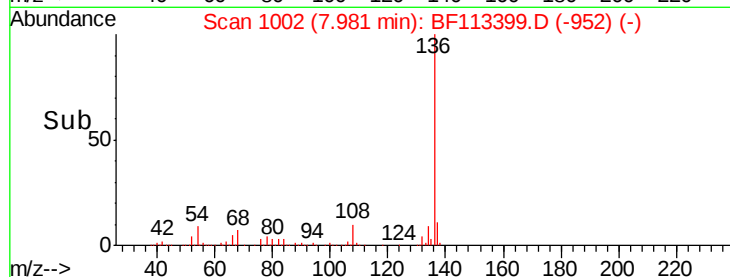


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.375 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.00 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

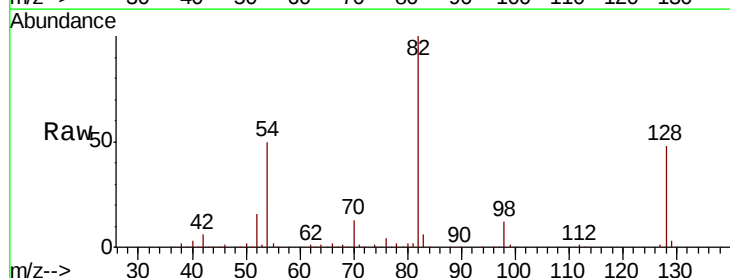
Tgt Ion: 82 Resp: 944155

Ion Ratio Lower Upper

82 100

128 48.4 36.5 54.7

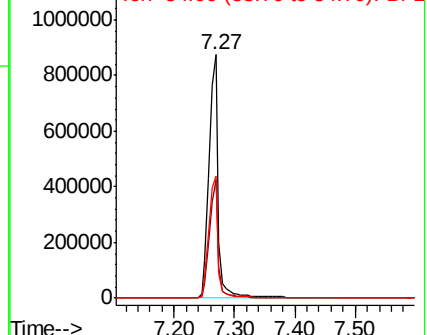
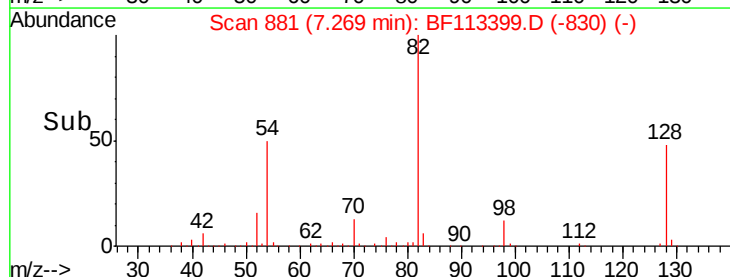
54 50.4 42.2 63.2

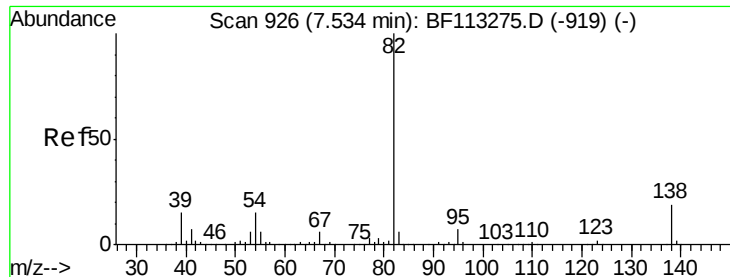


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.931 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.26 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

Instrument :

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ClientSampleId :

S5(17-25)COMP

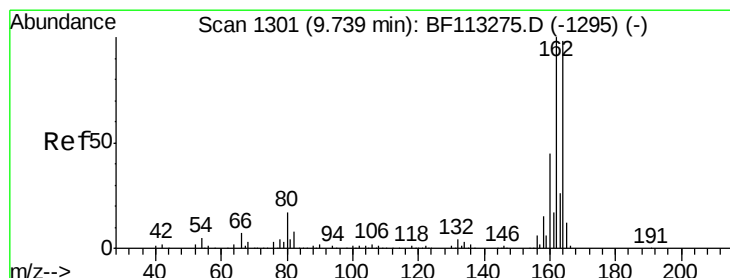
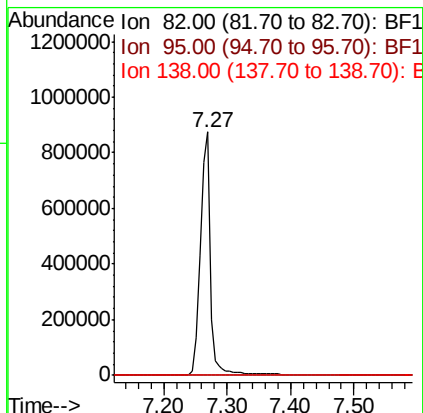
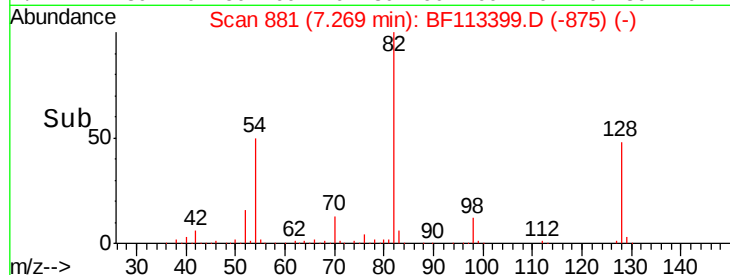
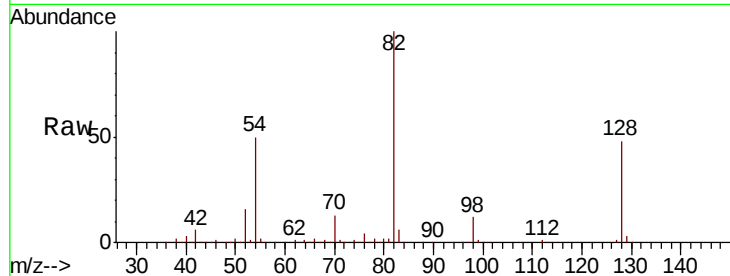
Tgt Ion: 82 Resp: 939240

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.2 22.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113399.D

Acq: 29 Mar 2019 4:38

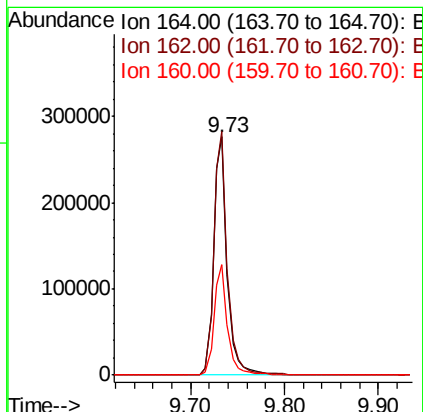
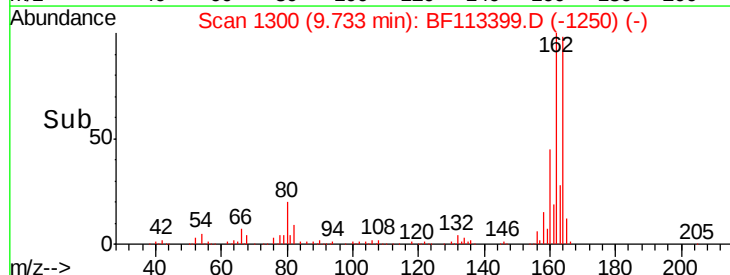
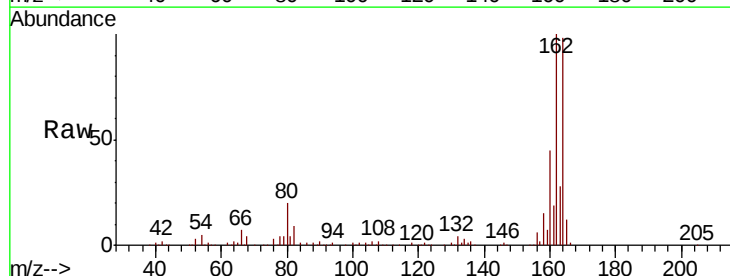
Tgt Ion: 164 Resp: 282384

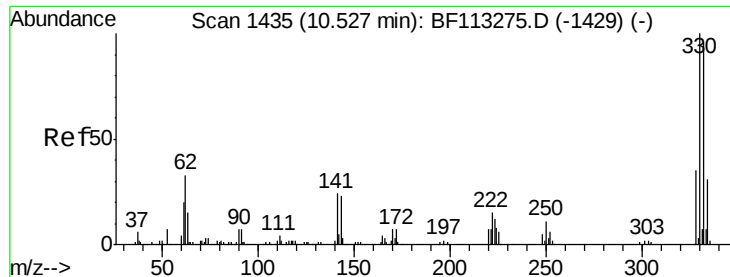
Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.6

160 46.5 36.4 54.6

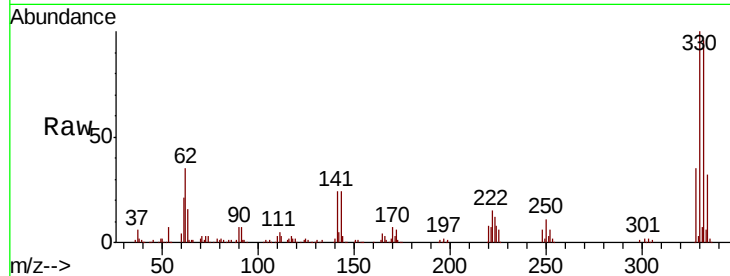




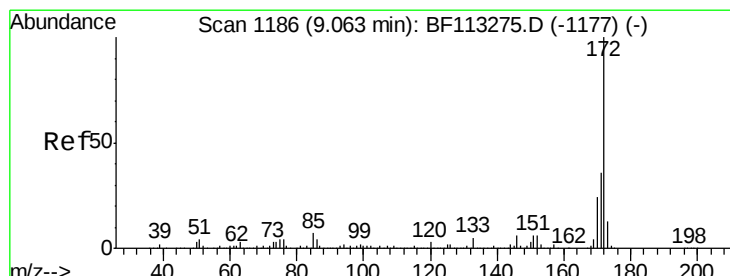
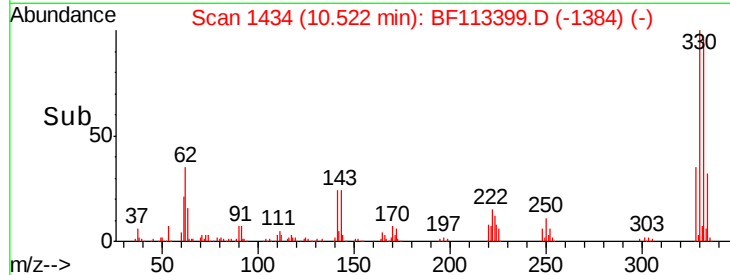
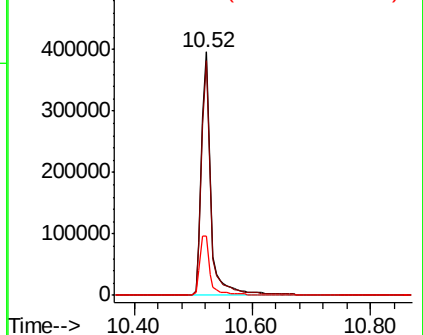
#42
 2,4,6-Tribromophenol
 Concen: 124.910 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Tgt Ion:330 Resp: 435697
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 27.1 22.7 34.1

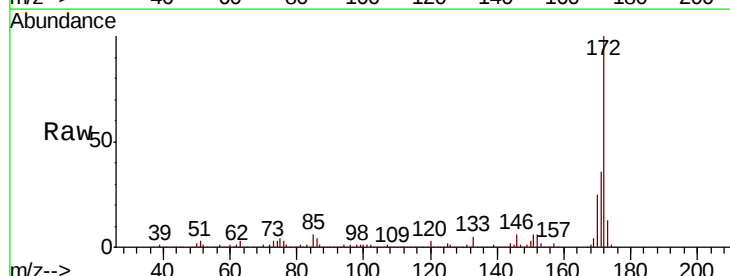


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

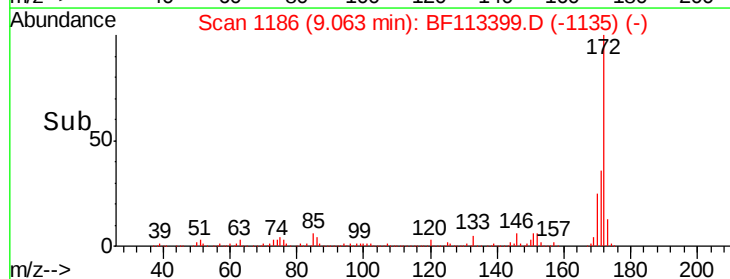
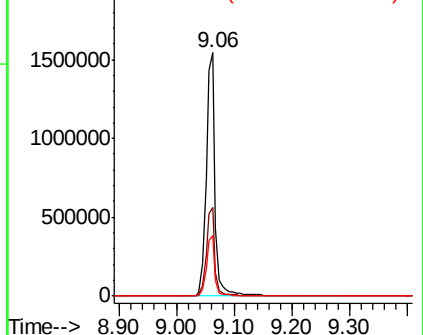


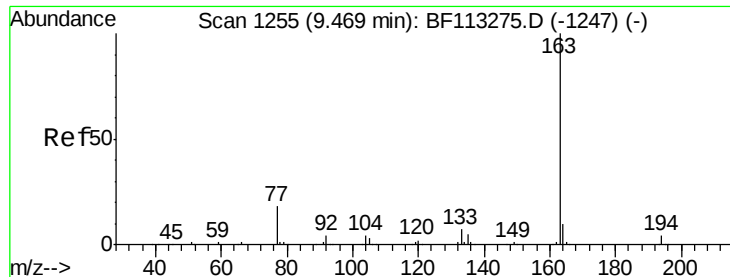
#45
 2-Fluorobiphenyl
 Concen: 96.375 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Tgt Ion:172 Resp: 1693818
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.8 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

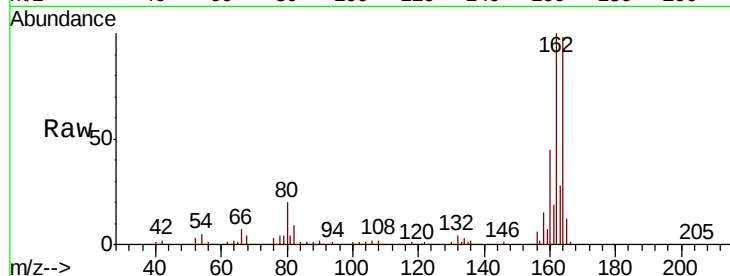




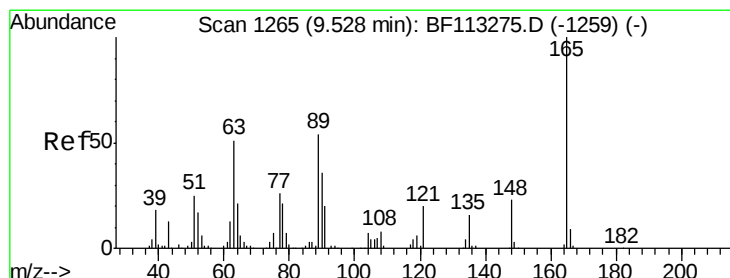
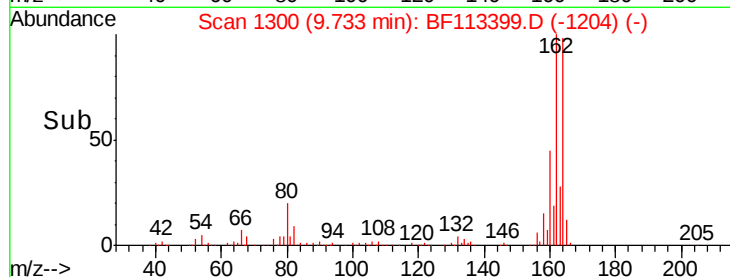
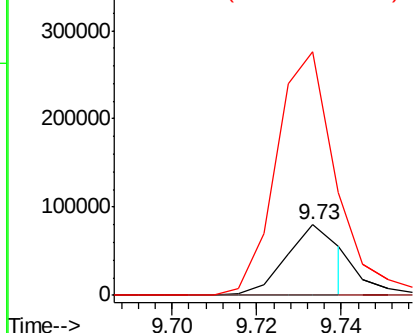
#50
Dimethylphthalate
Concen: 3.299 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.26 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Instrument :
BNA_F
ClientSampleId :
S5(17-25)COMP

Tgt Ion:163 Resp: 69037
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 346.5 8.1 12.1#

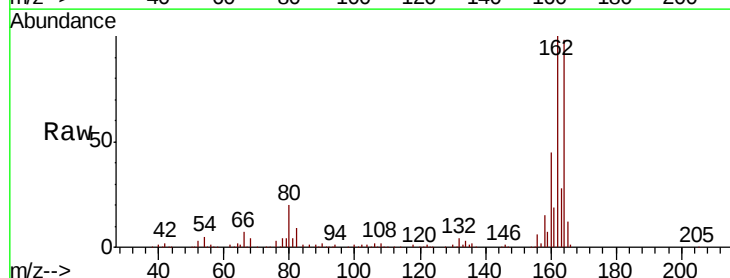


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

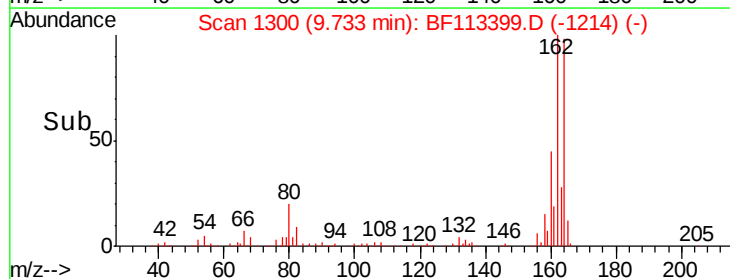
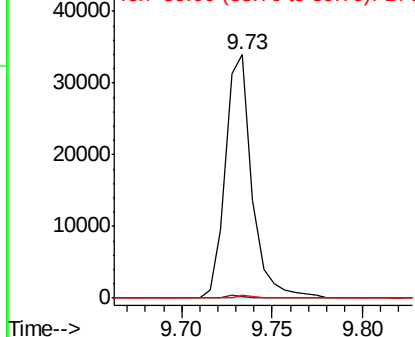


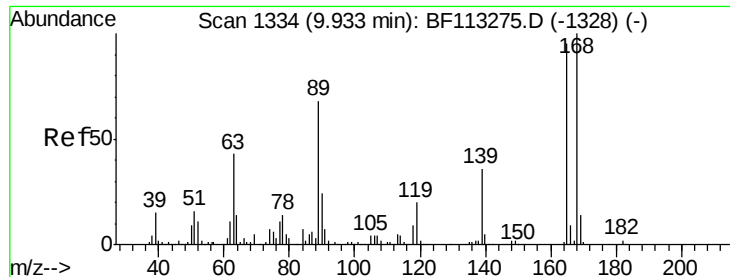
#51
2,6-Dinitrotoluene
Concen: 7.379 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.21 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Tgt Ion:165 Resp: 34837
Ion Ratio Lower Upper
165 100
63 0.9 43.4 65.0#
89 1.3 43.1 64.7#



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

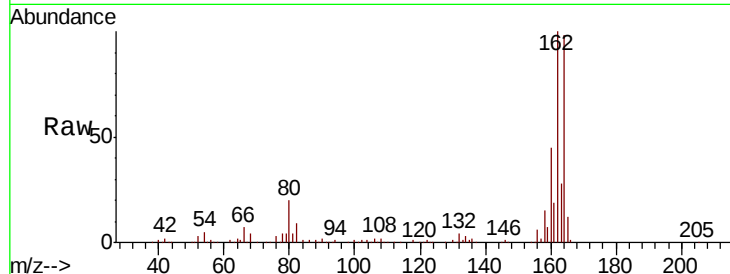




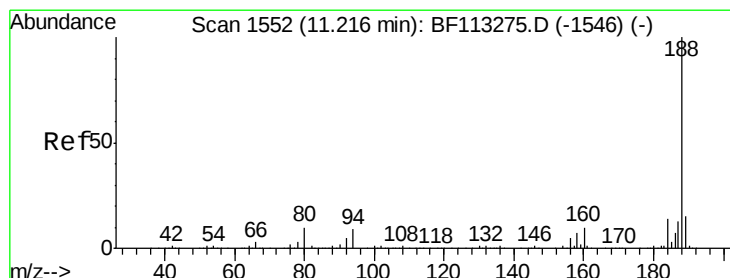
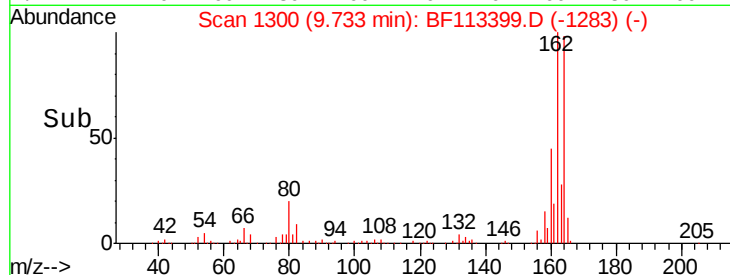
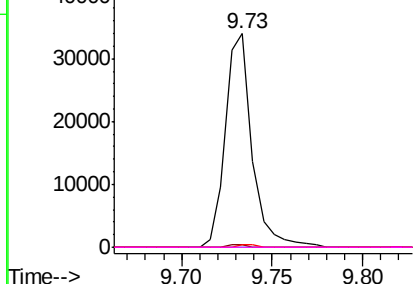
#57
 2,4-Dinitrotoluene
 Concen: 5.803 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Tgt Ion:165 Resp: 34837
 Ion Ratio Lower Upper
 165 100
 63 0.9 37.5 56.3#
 89 1.3 57.4 86.2#
 182 0.0 2.0 3.0#

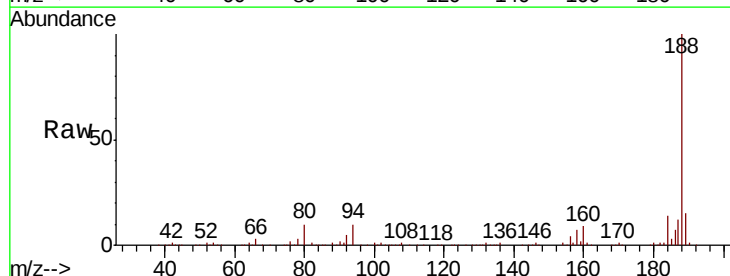


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

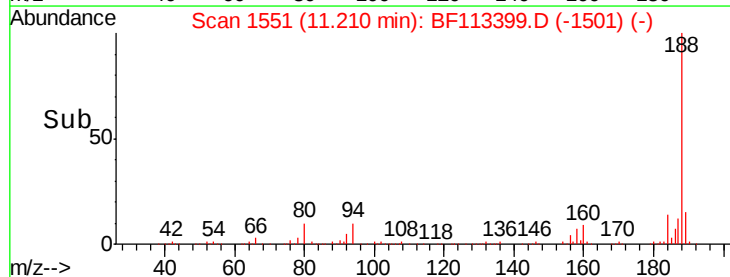
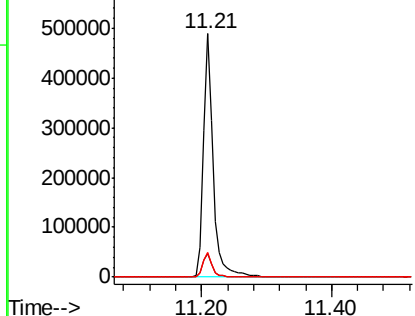


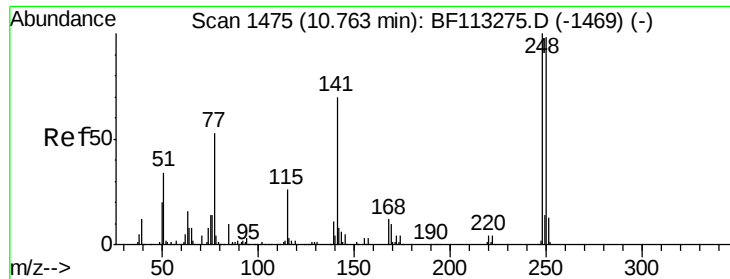
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Tgt Ion:188 Resp: 508456
 Ion Ratio Lower Upper
 188 100
 94 9.6 7.0 10.6
 80 10.3 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

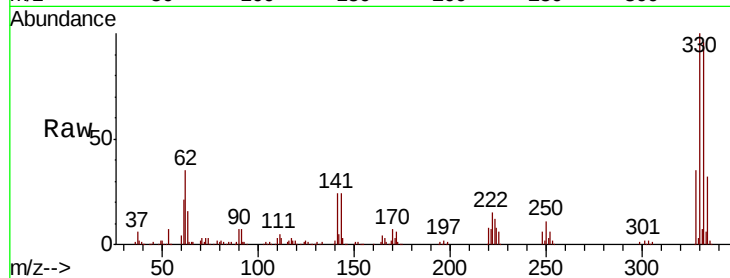




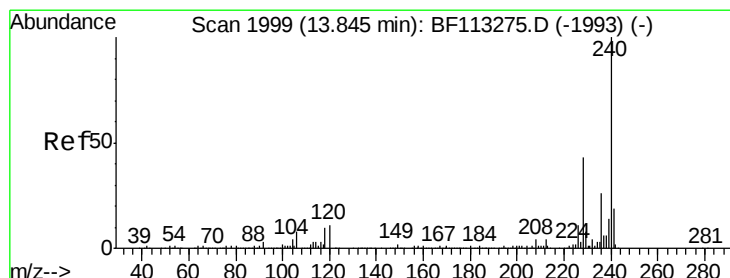
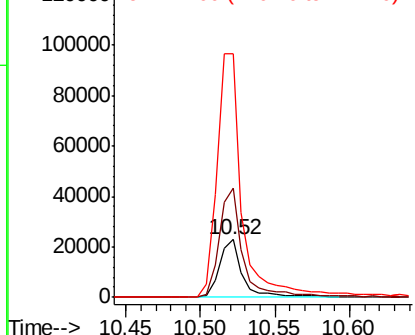
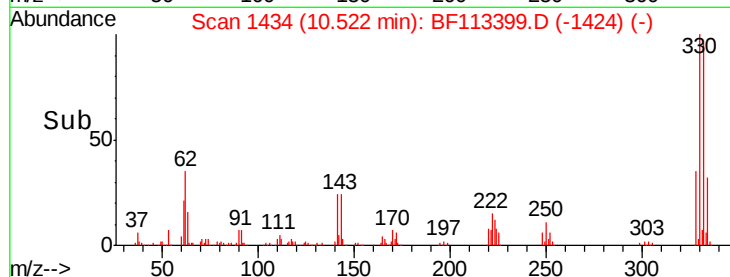
#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Instrument :
BNA_F
ClientSampleId :
S5(17-25)COMP

Tgt Ion:248 Resp: 24864
Ion Ratio Lower Upper
248 100
250 190.2 78.3 117.5#
141 423.8 56.2 84.4#

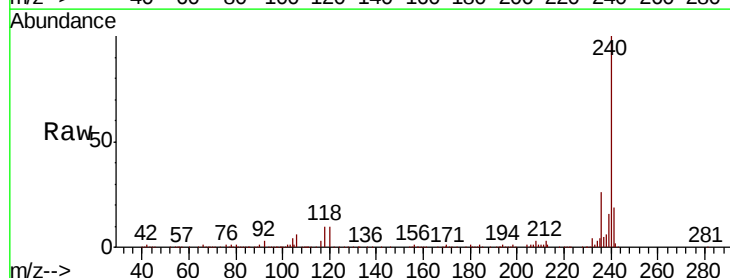


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

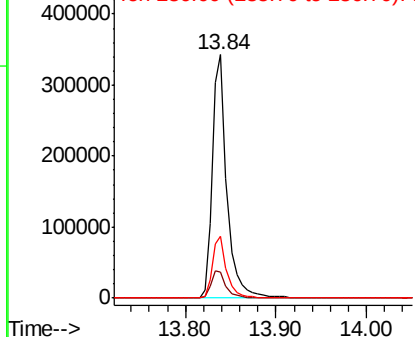
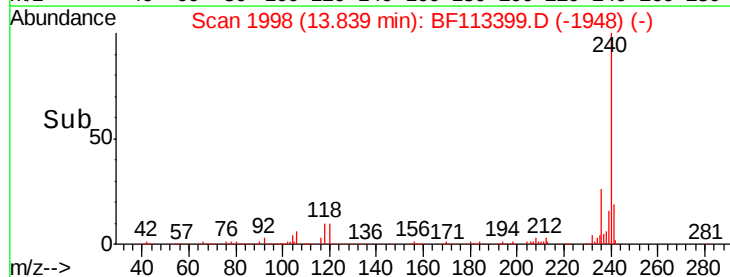


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113399.D
Acq: 29 Mar 2019 4:38

Tgt Ion:240 Resp: 383979
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.6 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

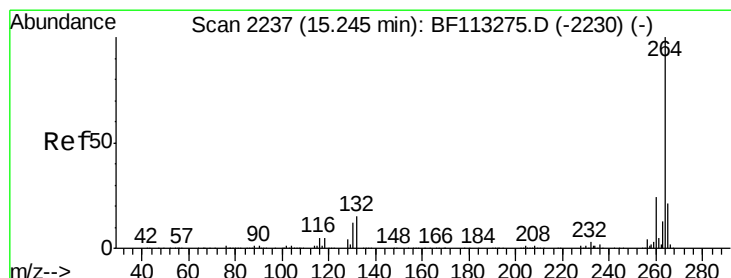
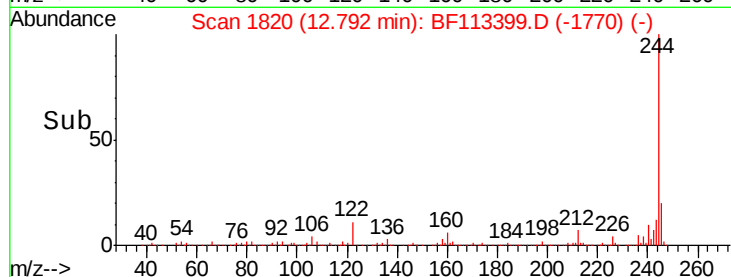
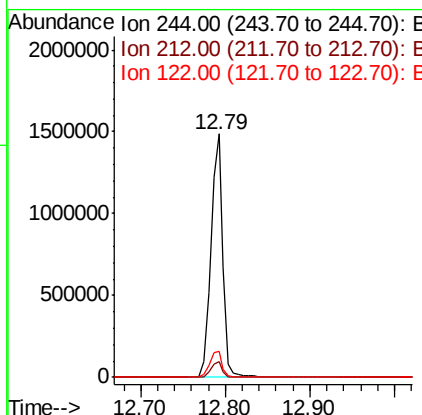
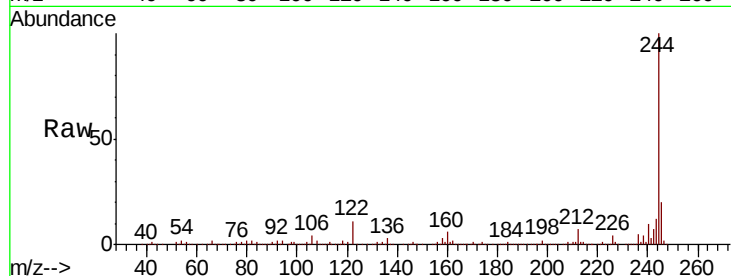




#79
 Terphenyl-d14
 Concen: 85.011 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Instrument :
 BNA_F
 ClientSampleId :
 S5(17-25)COMP

Tgt Ion:244 Resp: 1480935
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 10.8 8.6 13.0



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113399.D
 Acq: 29 Mar 2019 4:38

Tgt Ion:264 Resp: 396651
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 22.2 17.1 25.7

