

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113618.D
 Acq On : 5 Apr 2019 15:52
 Operator : JU/SJ
 Sample : K2234-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

Quant Time: Apr 05 16:17:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 05 14:02:22 2019
 Response via : Initial Calibration

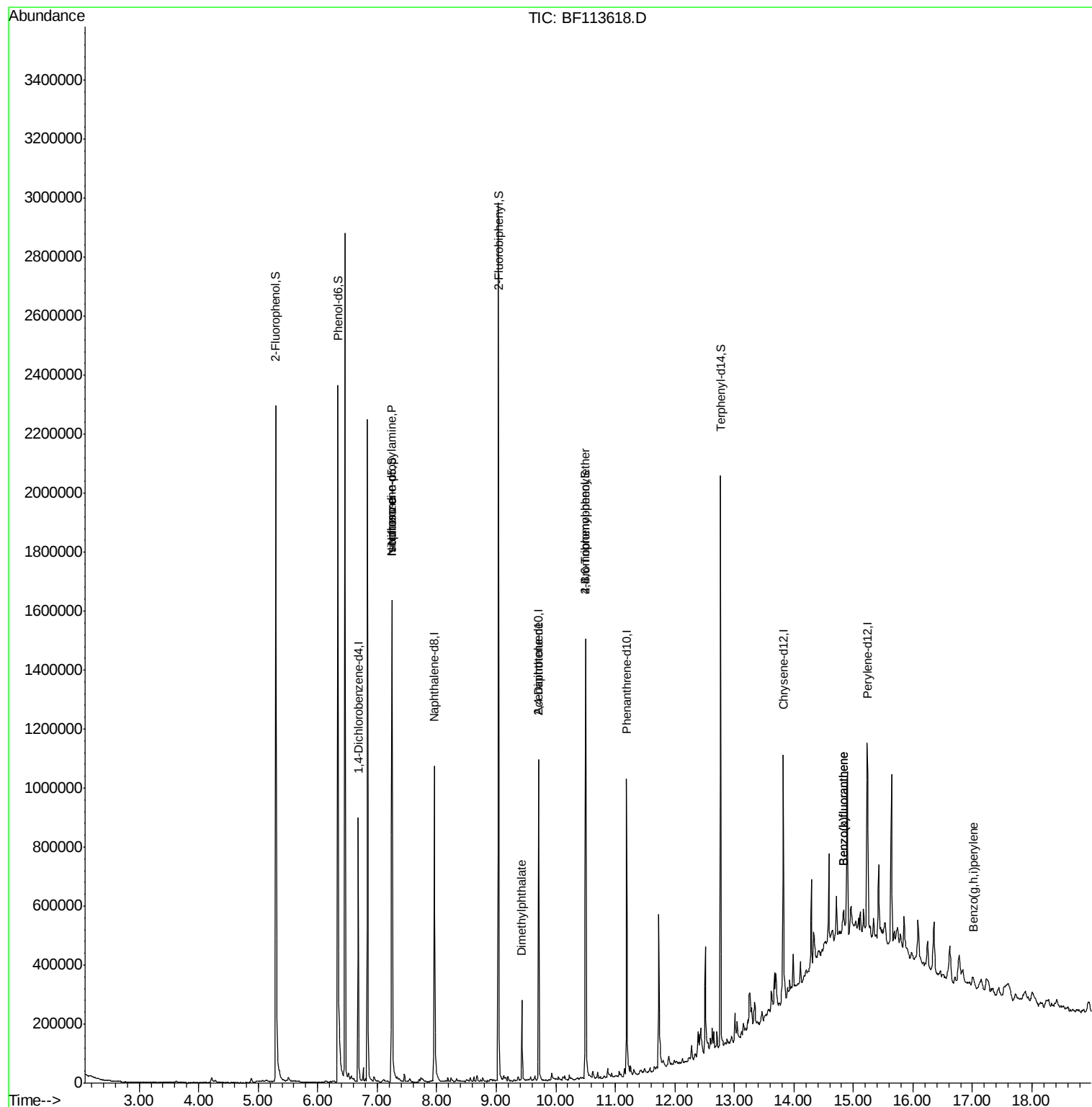
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	132755	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	491405	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	217614	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	361720	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	299816	20.00	ng	-0.01
87) Perylene-d12	15.23	264	203052	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	753907	96.84	ng	0.00
7) Phenol-d6	6.34	99	1008498	105.10	ng	0.00
23) Nitrobenzene-d5	7.25	82	585555	69.80	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	229713	87.88	ng	-0.01
45) 2-Fluorobiphenyl	9.04	172	936997	69.32	ng	0.00
79) Terphenyl-d14	12.77	244	695653	47.24	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	76007	12.846	ng	# 78
25) Isophorone	7.25	82	585553	36.233	ng	# 65
50) Dimethylphthalate	9.43	163	107291	6.689	ng	# 99
57) 2,4-Dinitrotoluene	9.71	165	27213	6.364	ng	# 19
67) 4-Bromophenyl-phenylether	10.50	248	13245	3.265	ng	# 1
88) Benzo(b)fluoranthene	14.83	252	44410	3.573	ng	# 79
89) Benzo(k)fluoranthene	14.83	252	44410	3.981	ng	# 79
92) Benzo(g,h,i)perylene	17.00	276	21904	2.078	ng	# 89

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

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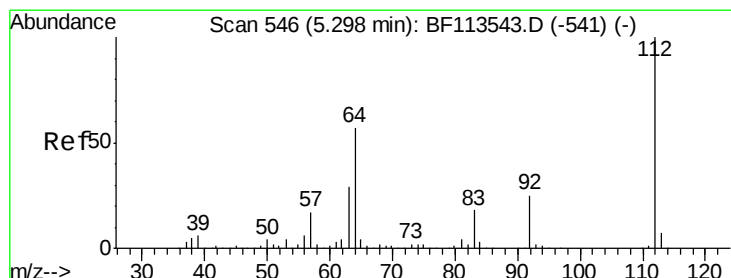
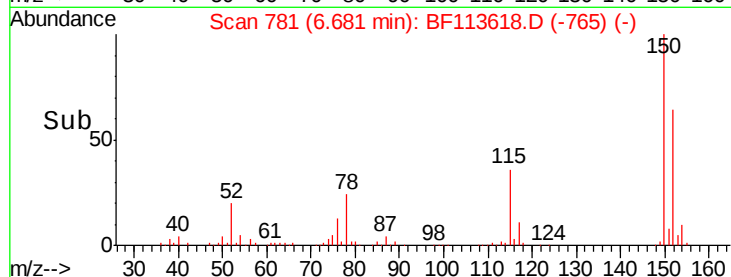
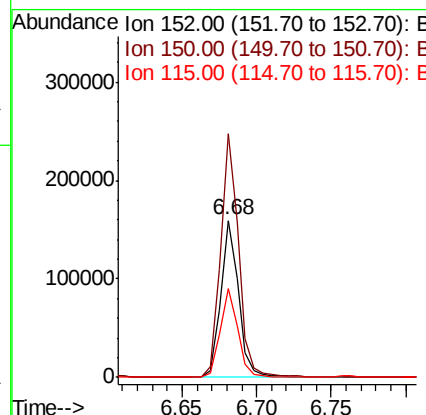
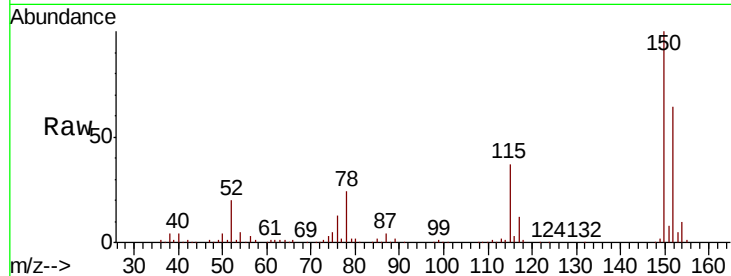


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

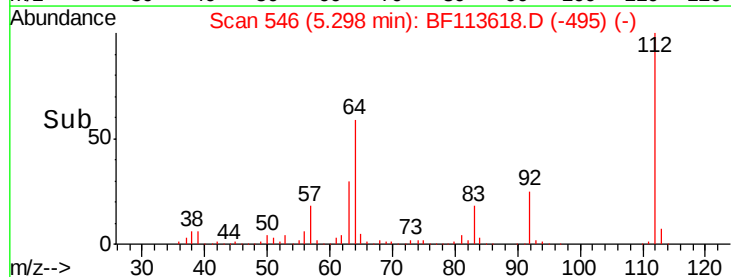
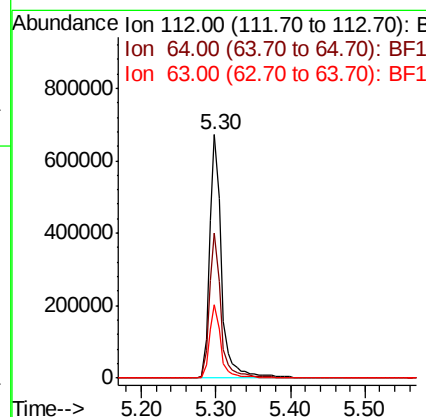
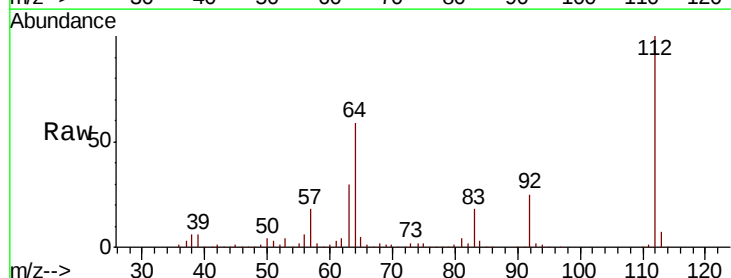
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.3	186.5
115	56.8	44.8	67.2

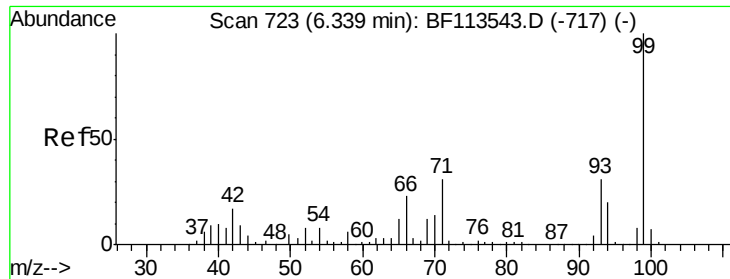


#5

2-Fluorophenol
 Concen: 96.839 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	47.3	70.9
63	30.0	24.0	36.0





#7

Phenol-d6

Concen: 105.104 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSSI-0401-S-DH-3

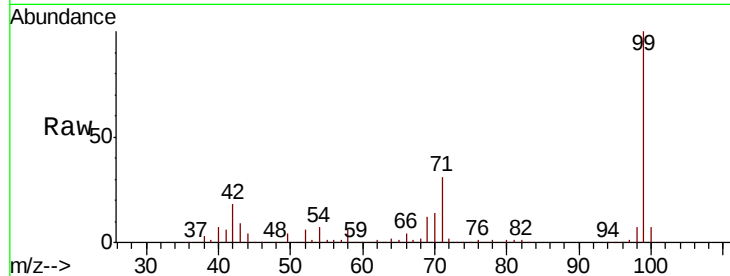
Tot Ion: 99 Resp: 1008498

Ion Ratio Lower Upper

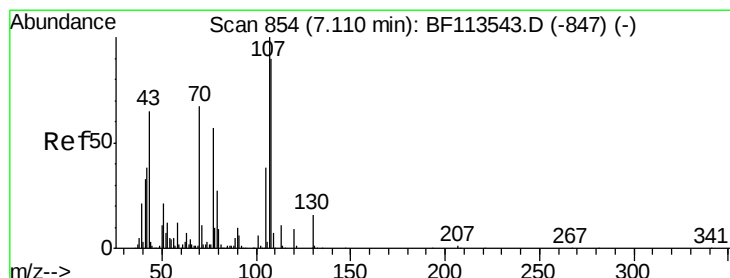
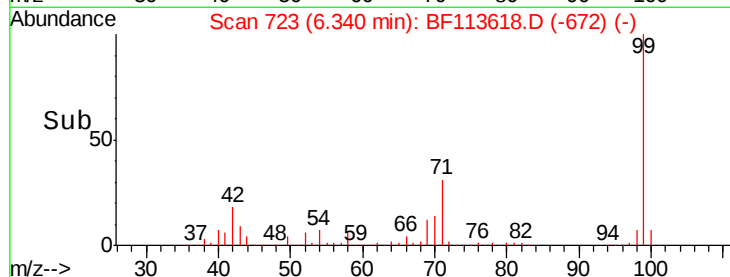
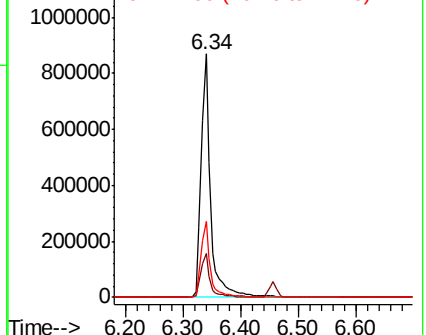
99 100

42 18.2 14.9 22.3

71 31.4 25.1 37.7



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: 12.846 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Tgt Ion: 70 Resp: 76007

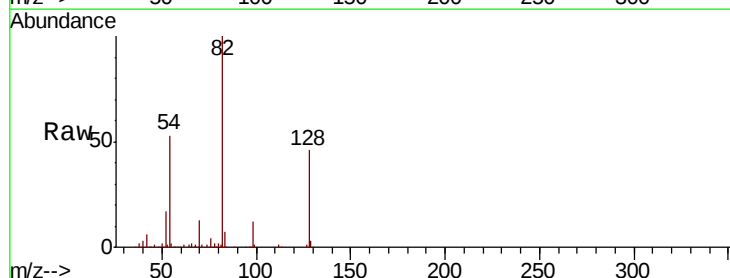
Ion Ratio Lower Upper

70 100

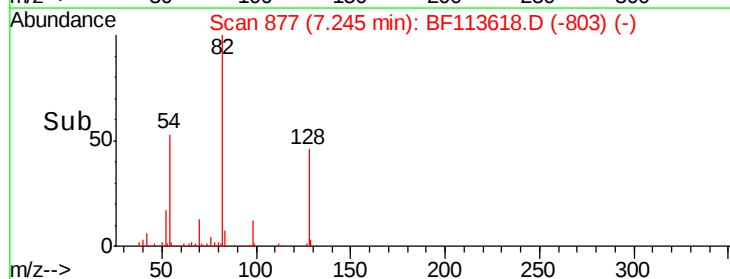
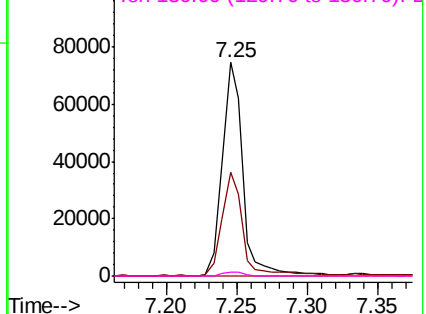
42 48.8 47.6 71.4

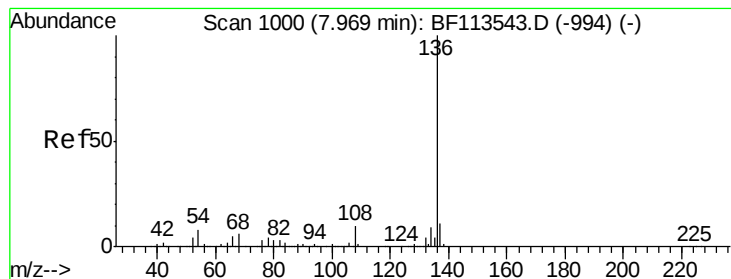
101 0.0 7.8 11.6#

130 2.0 17.4 26.2#



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: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSSI-0401-S-DH-3

Tot Ion:136 Resp: 491405

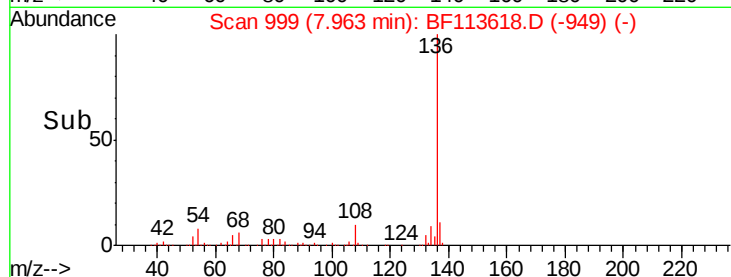
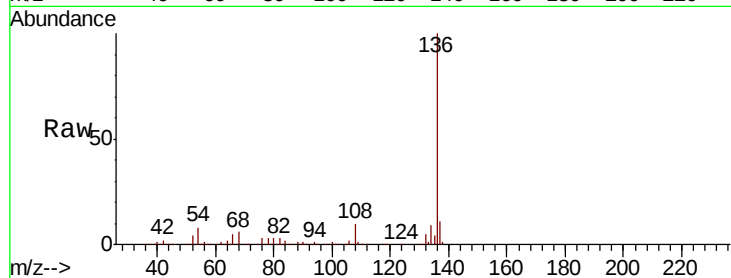
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 7.8 7.0 10.4

68 6.0 5.0 7.4

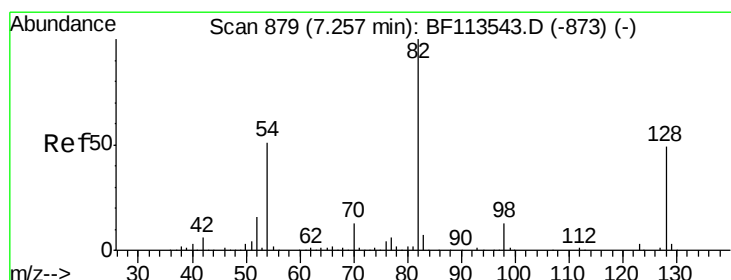
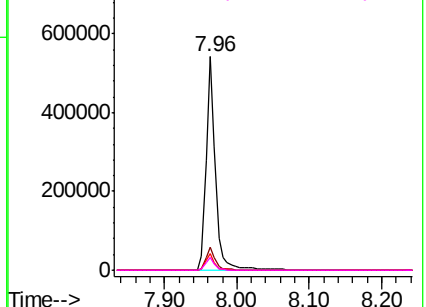


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.798 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

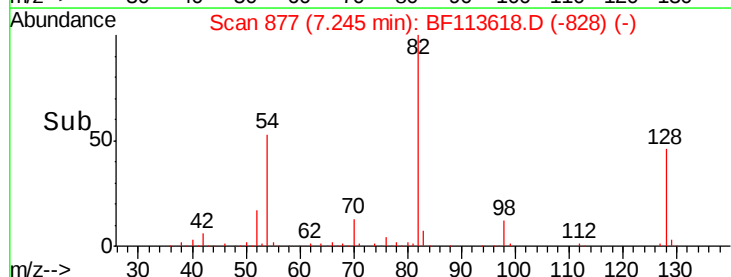
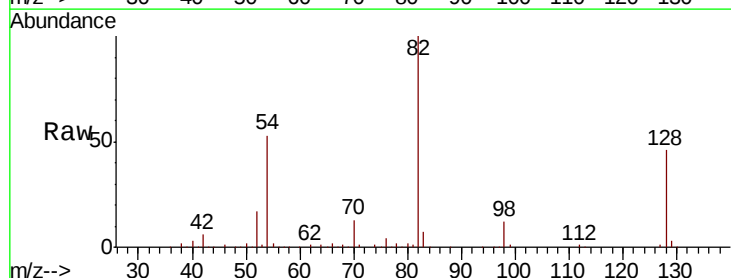
Tgt Ion: 82 Resp: 585555

Ion Ratio Lower Upper

82 100

128 45.7 37.9 56.9

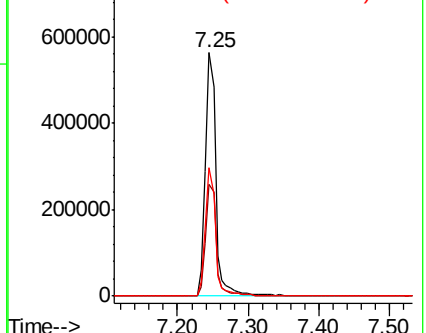
54 52.5 41.8 62.8

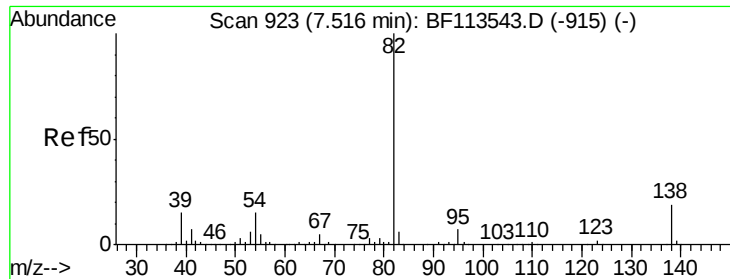


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.233 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSSI-0401-S-DH-3

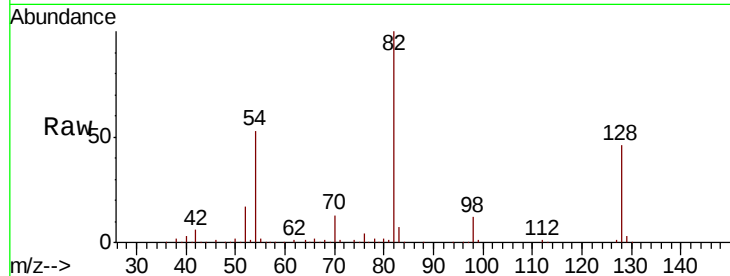
Tot Ion: 82 Resp: 585553

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

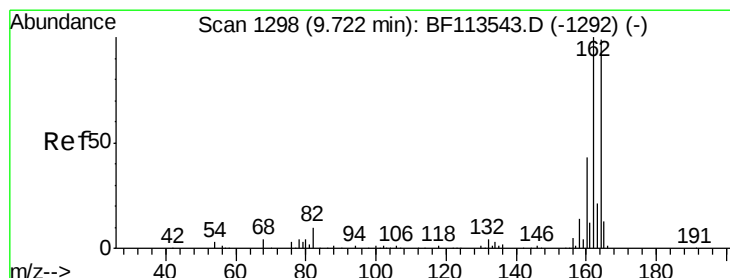
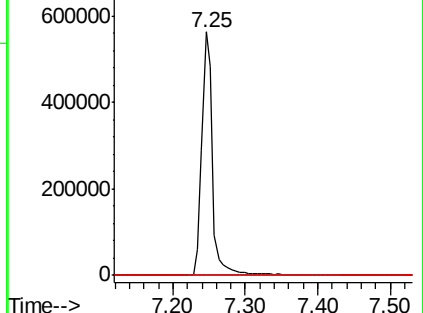
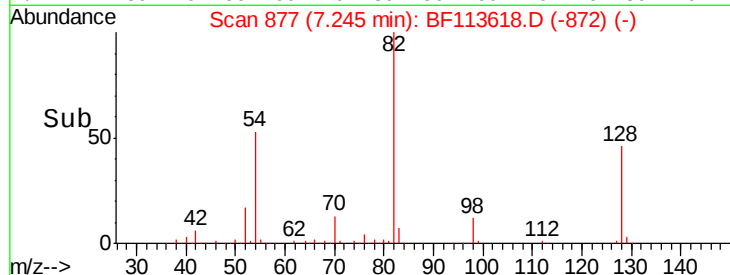
138 0.0 14.6 22.0#



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: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

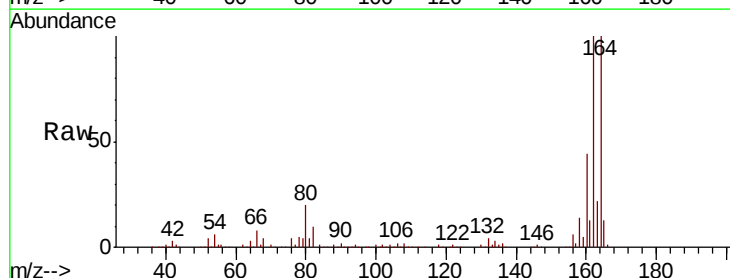
Tgt Ion:164 Resp: 217614

Ion Ratio Lower Upper

164 100

162 99.8 81.6 122.4

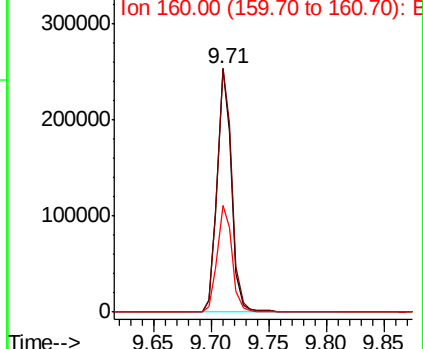
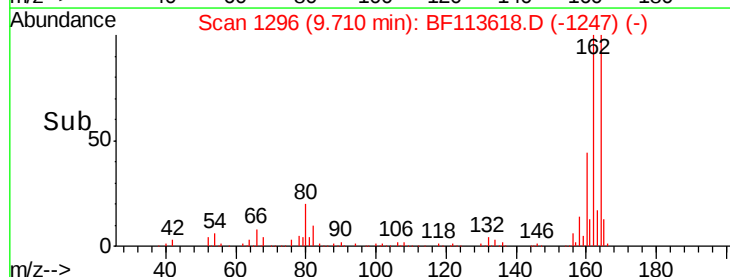
160 43.7 36.3 54.5

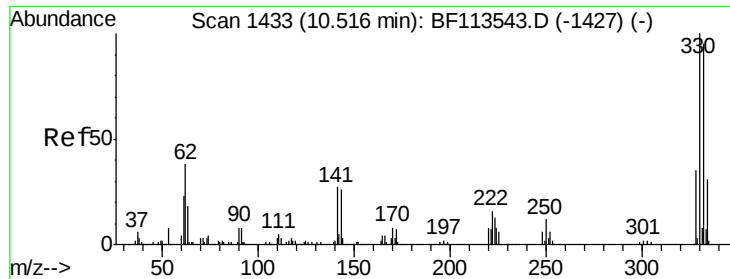


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

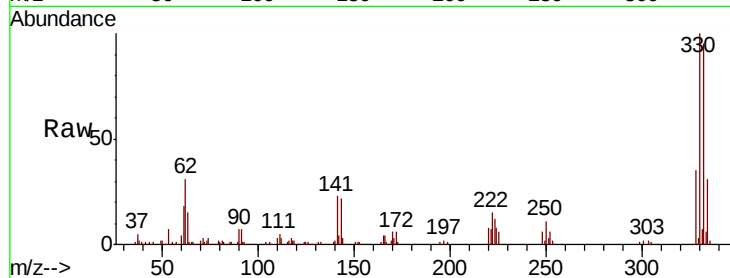




#42
 2,4,6-Tribromophenol
 Concen: 87.875 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.8	115.2
141	28.1	21.1	31.7

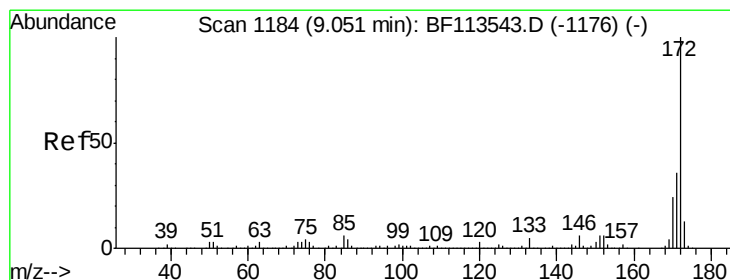
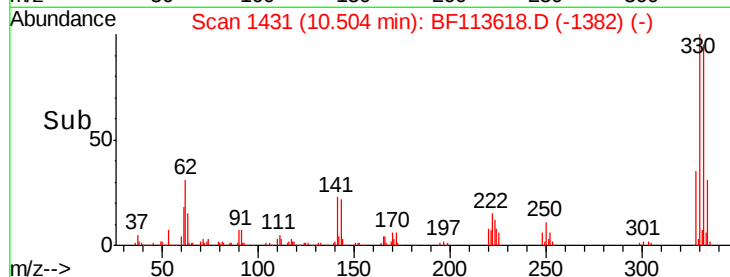
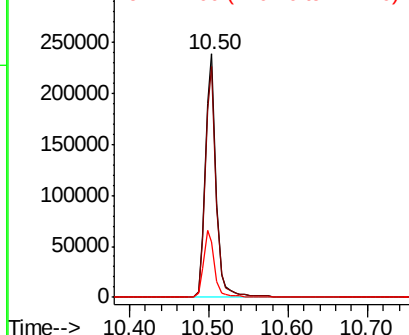


Abundance

Ion 329.80 (329.50 to 330.50): E

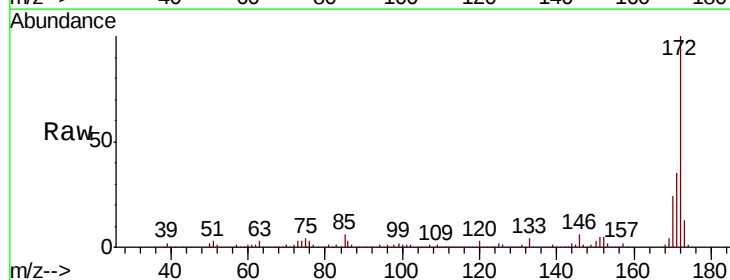
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.318 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	24.0	19.5	29.3

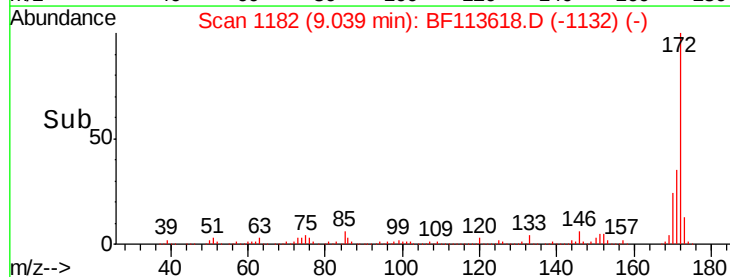
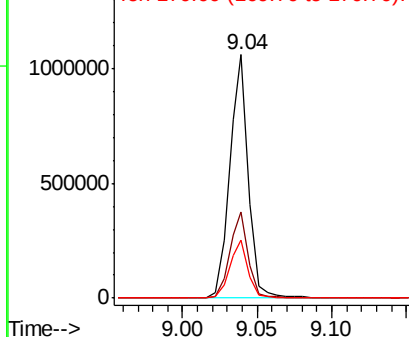


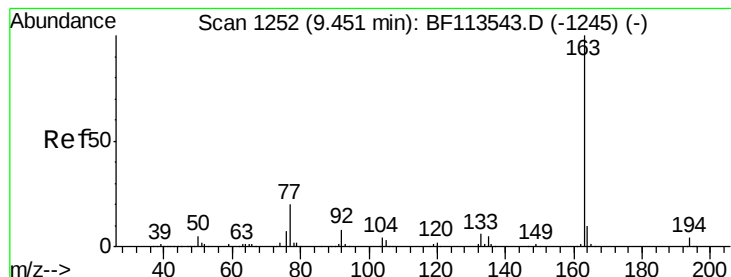
Abundance

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: 6.689 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

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ClientSampleId :

SSSI-0401-S-DH-3

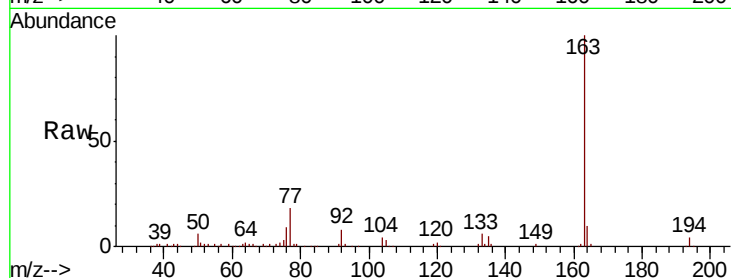
Tot Ion:163 Resp: 107291

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

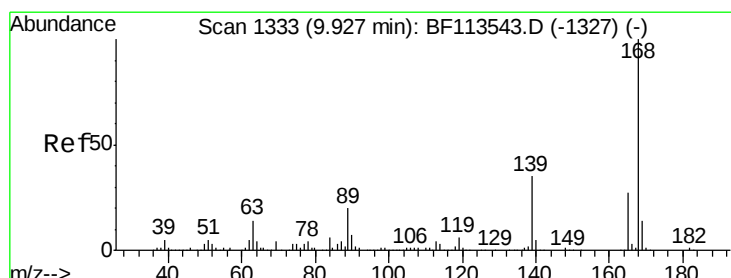
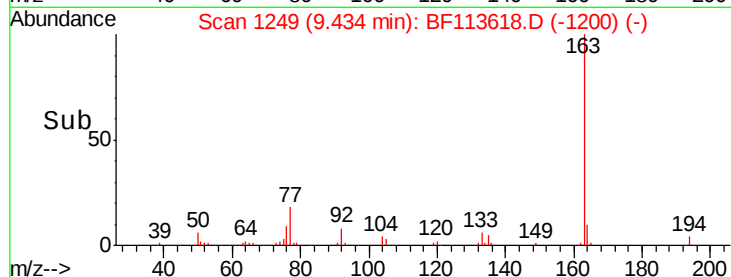
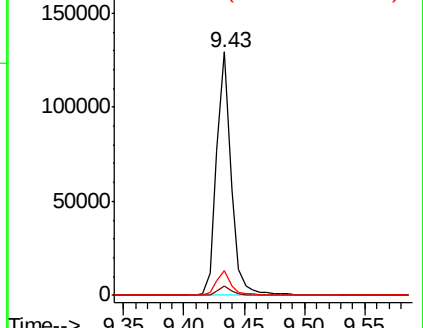
164 10.2 8.5 12.7



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: 6.364 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Tgt Ion:165 Resp: 27213

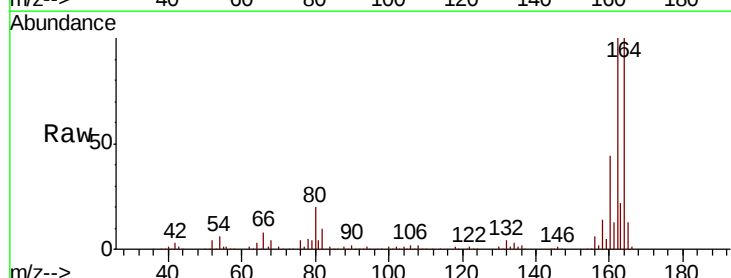
Ion Ratio Lower Upper

165 100

63 1.3 46.2 69.4#

89 1.2 61.8 92.8#

182 0.0 2.1 3.1#

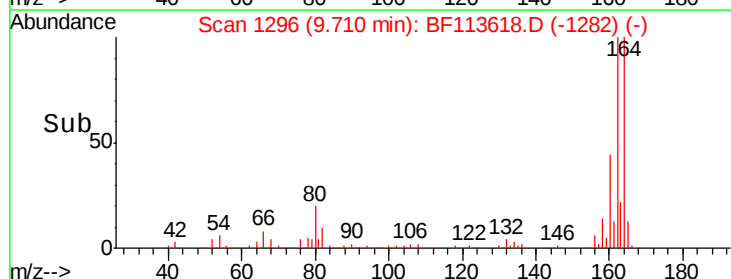
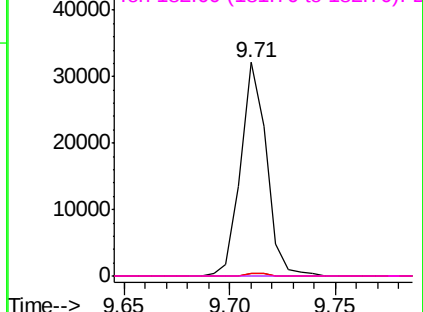


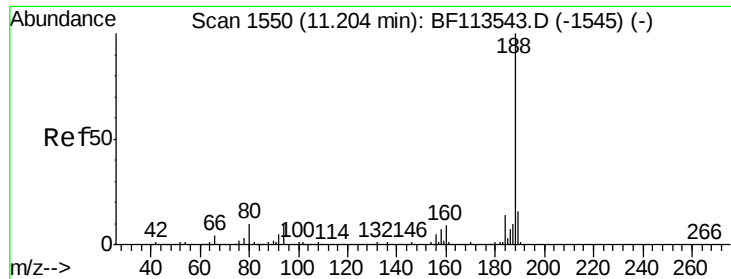
Abundance Ion 165.00 (164.70 to 165.70): E

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

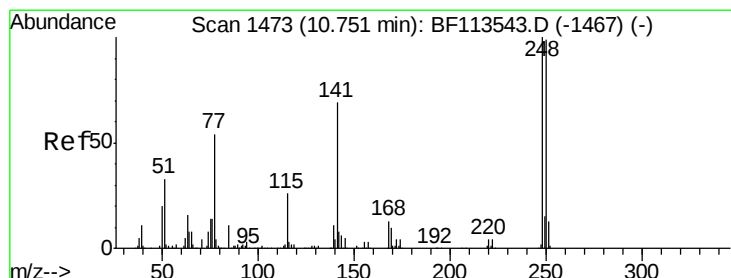
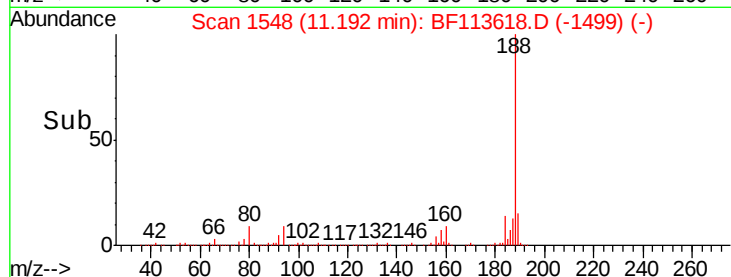
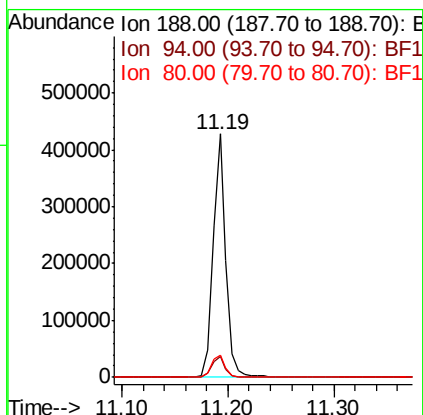
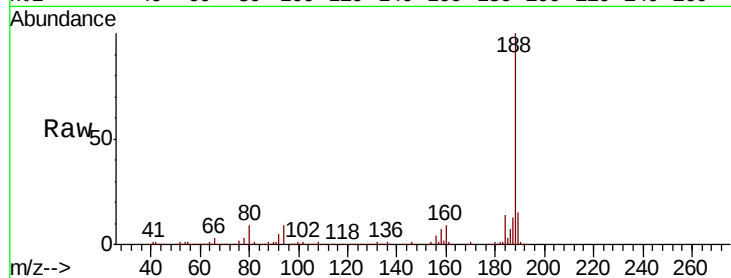




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

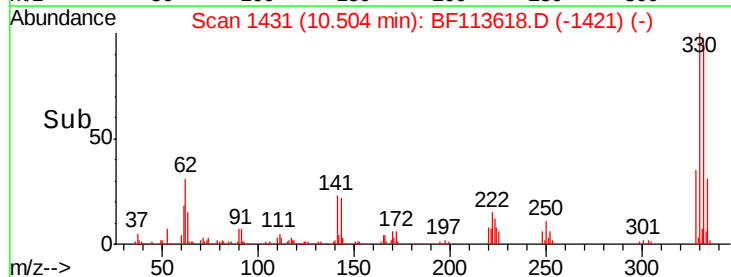
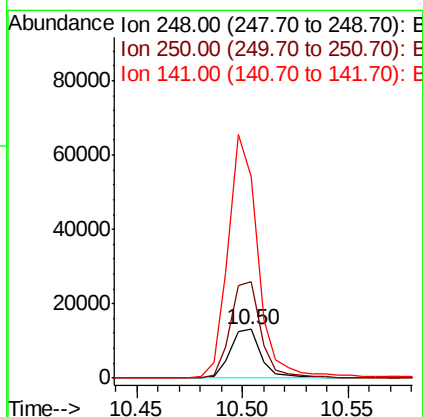
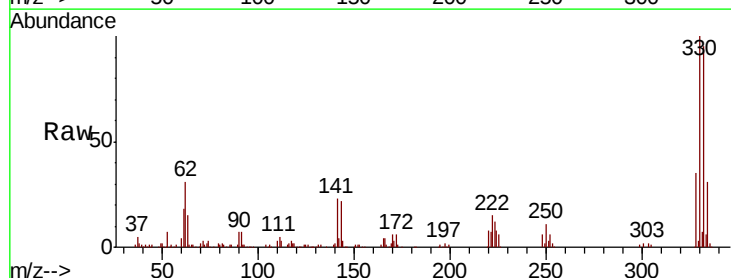
Instrument :
 BNA_F
 ClientSampleId :
 SSSI-0401-S-DH-3

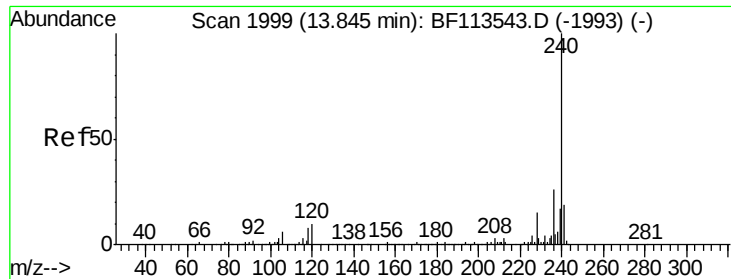
Tot Ion:188 Resp: 361720
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.6 10.0
 80 9.1 6.8 10.2



#67
 4-Bromophenyl-phenylether
 Concen: 3.265 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.24 min
 Lab File: BF113618.D
 Acq: 5 Apr 2019 15:52

Tgt Ion:248 Resp: 13245
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 410.7 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

Instrument :

BNA_F

ClientSampleId :

SSSI-0401-S-DH-3

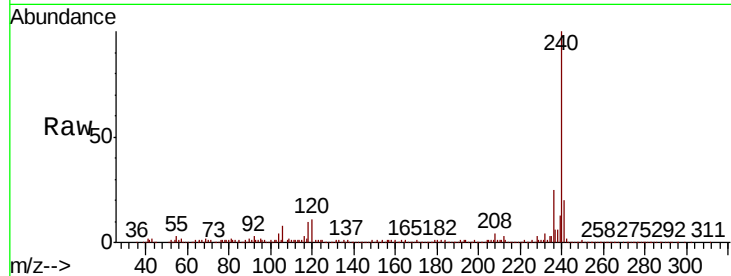
Tot Ion:240 Resp: 299816

Ion Ratio Lower Upper

240 100

120 11.0 9.7 14.5

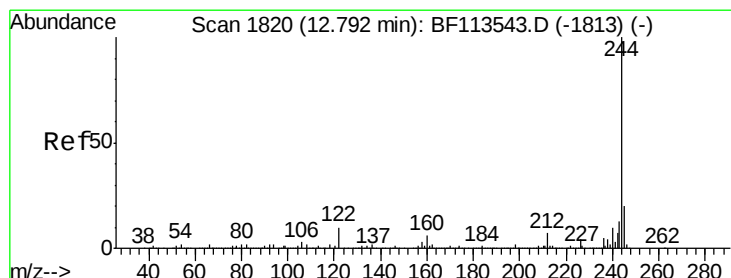
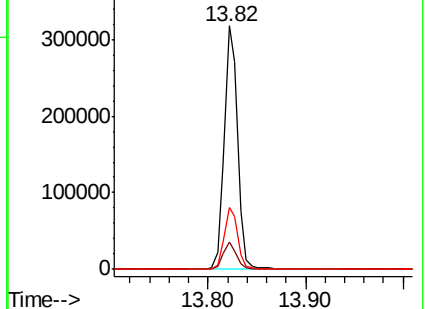
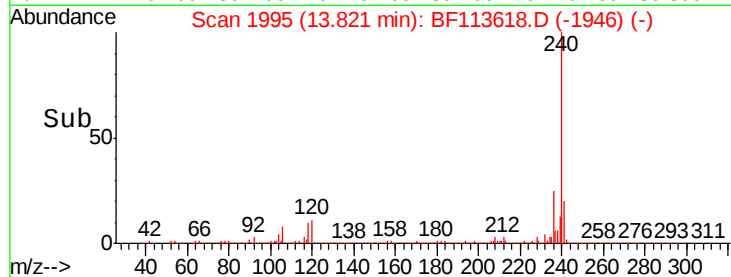
236 25.3 20.3 30.5



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: 47.241 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113618.D

Acq: 5 Apr 2019 15:52

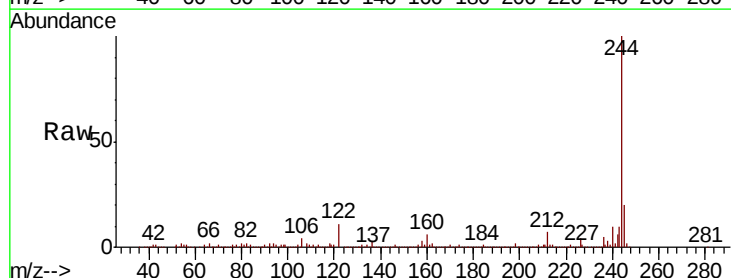
Tgt Ion:244 Resp: 695653

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

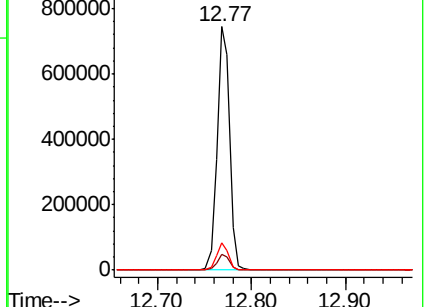
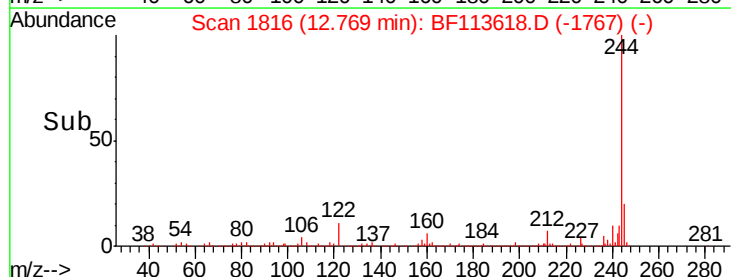
122 11.2 9.0 13.6

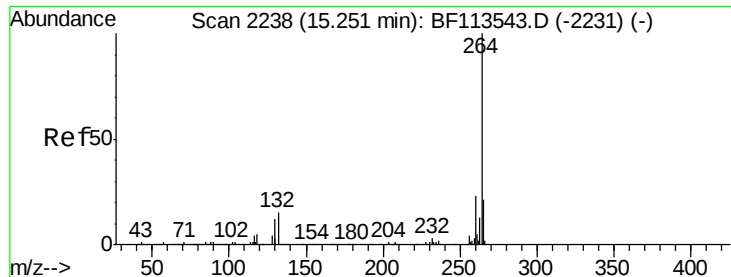


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



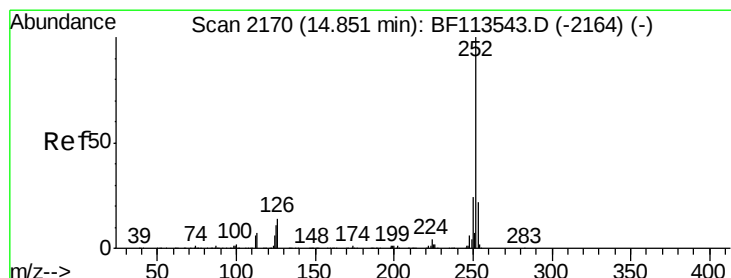
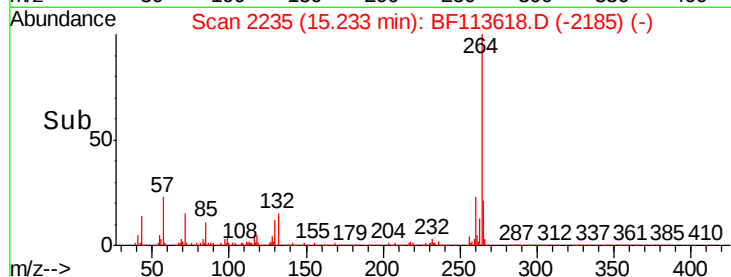
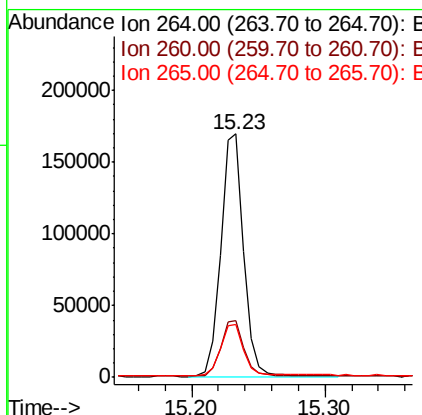
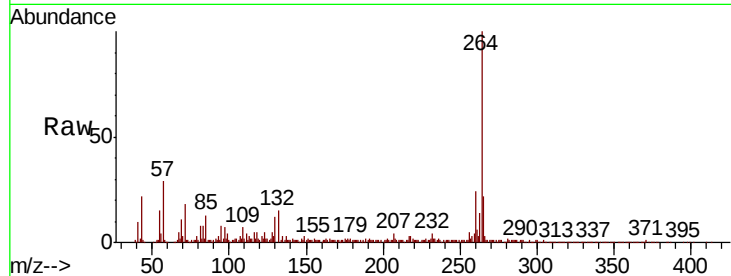


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

Tot Ion:264 Resp: 203052

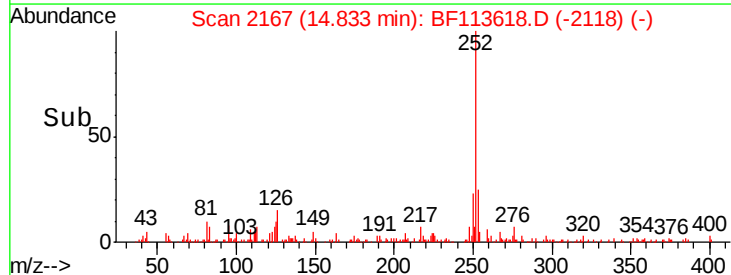
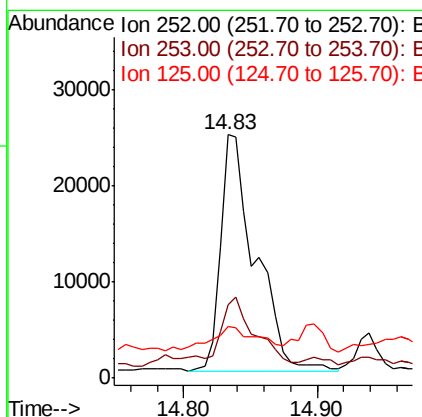
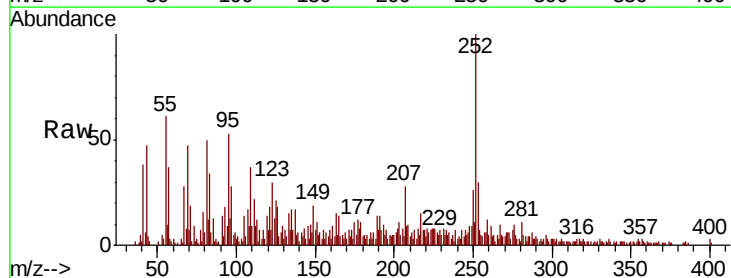
Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	21.7	16.9	25.3

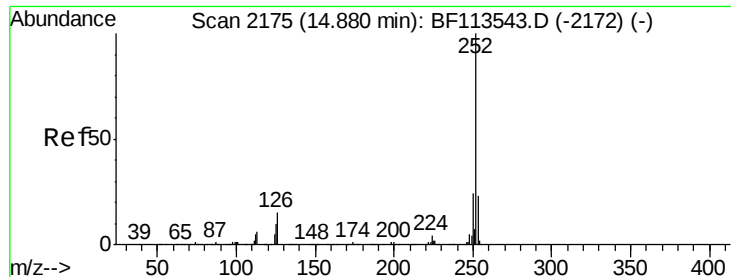


#88
Benzo(b)fluoranthene
Concen: 3.573 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Tgt Ion:252 Resp: 44410

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.9	26.9#
125	21.3	7.4	11.2#

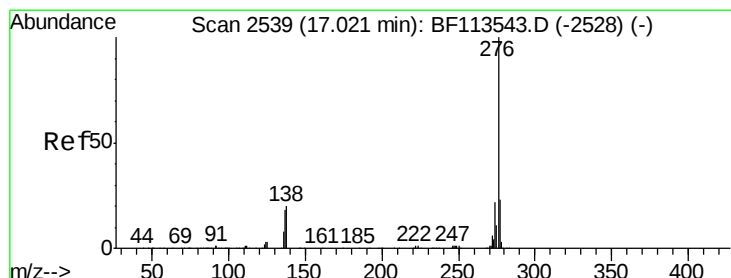
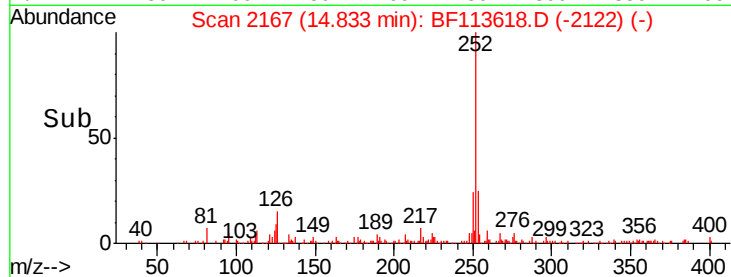
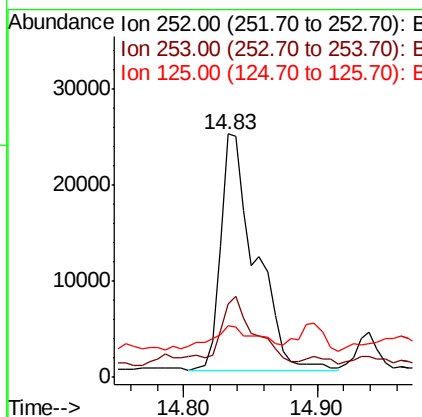
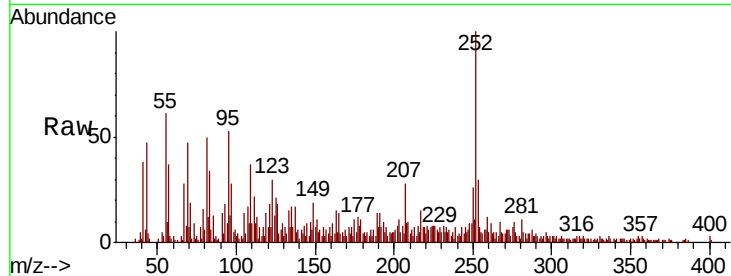




#89
Benzo(k)fluoranthene
Concen: 3.981 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Instrument :
BNA_F
ClientSampleId :
SSSI-0401-S-DH-3

Tot Ion:252 Resp: 44410
Ion Ratio Lower Upper
252 100
253 30.1 17.8 26.6#
125 21.3 8.2 12.4#



#92
Benzo(g,h,i)perylene
Concen: 2.078 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.01 min
Lab File: BF113618.D
Acq: 5 Apr 2019 15:52

Tgt Ion:276 Resp: 21904
Ion Ratio Lower Upper
276 100
277 27.7 19.0 28.4
138 26.4 15.4 23.2#

