

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120168.D
 Acq On : 23 Apr 2020 17:24
 Operator : MA/SJ
 Sample : L2330-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Quant Time: Apr 23 18:02:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 13:31:01 2020
 Response via : Initial Calibration

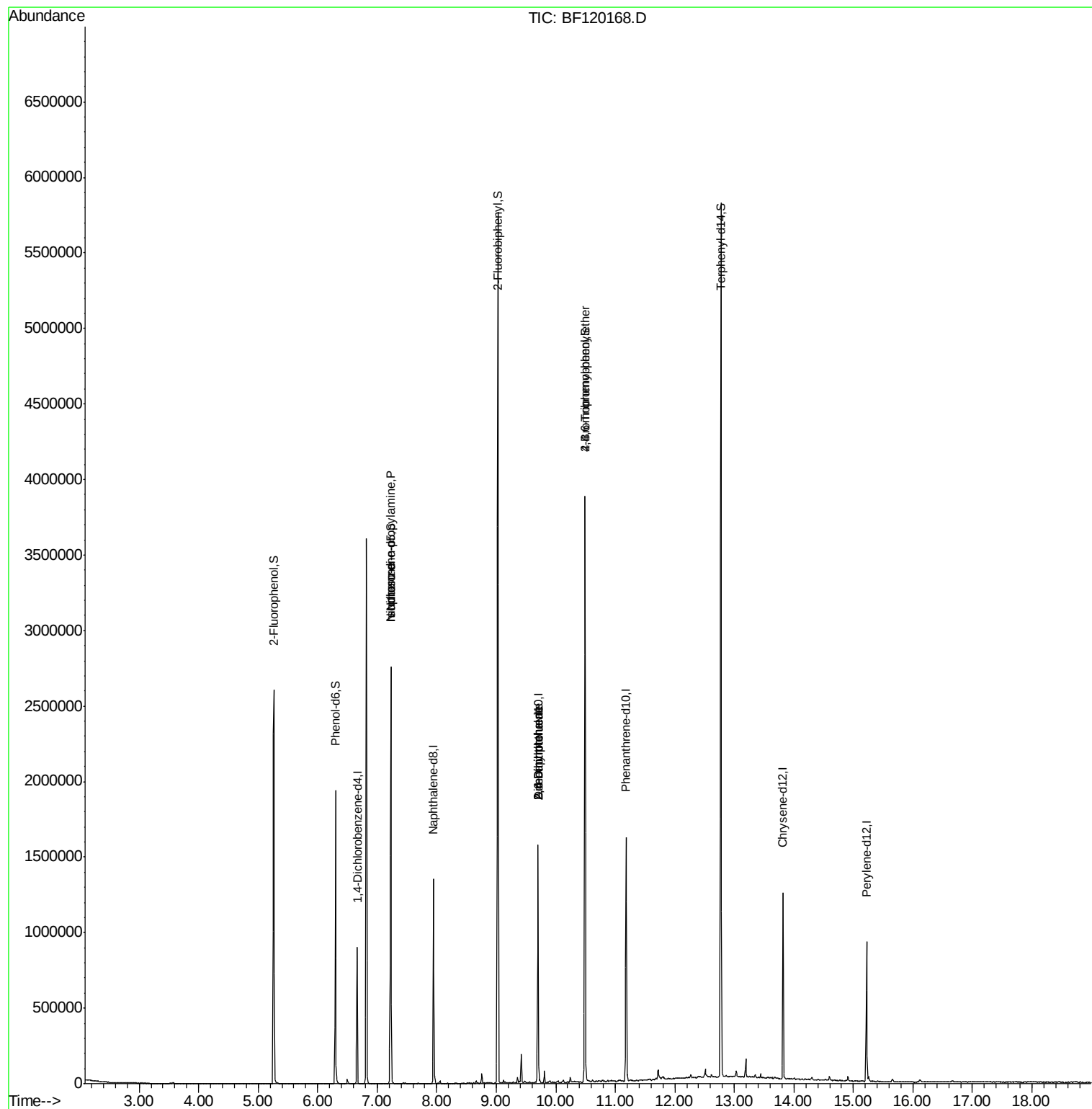
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	135423	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	532744	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	291564	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	572970	20.00	ng	0.00
76) Chrysene-d12	13.82	240	443898	20.00	ng	0.00
87) Perylene-d12	15.22	264	386327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	675624	86.22	ng	0.00
7) Phenol-d6	6.30	99	580709	57.51	ng	-0.01
23) Nitrobenzene-d5	7.23	82	940184	91.30	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	461426	129.26	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1846049	89.89	ng	0.00
79) Terphenyl-d14	12.78	244	2341359	88.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	764	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	124689	19.203	ng	# 1
25) Isophorone	7.23	82	938089	47.256	ng	# 75
50) Dimethylphthalate	9.70	163	66274	2.939	ng	# 65
51) 2,6-Dinitrotoluene	9.70	165	37787	7.651	ng	# 1
57) 2,4-Dinitrotoluene	9.70	165	37787	5.808	ng	# 26
67) 4-Bromophenyl-phenylether	10.49	248	29090	4.083	ng	# 20
						# 1

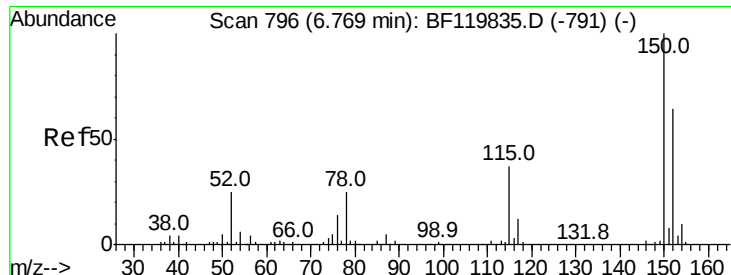
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
Data File : BF120168.D
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ALS Vial : 12 Sample Multiplier: 1

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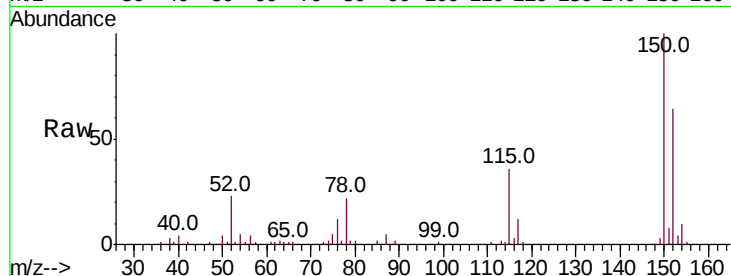


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.5	186.7
115	55.9	49.6	74.4

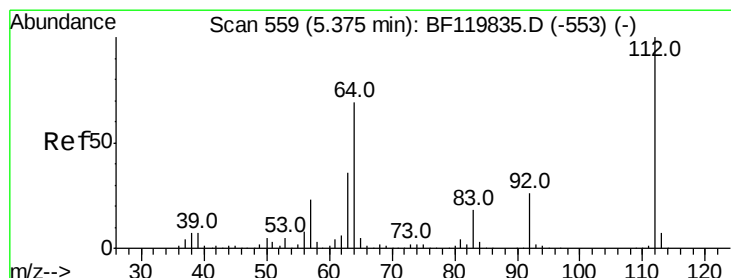
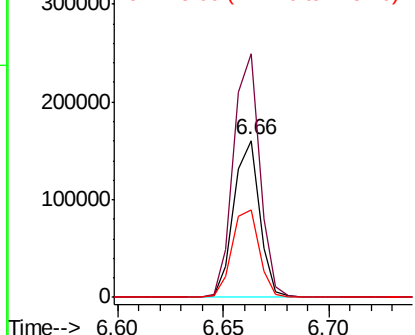
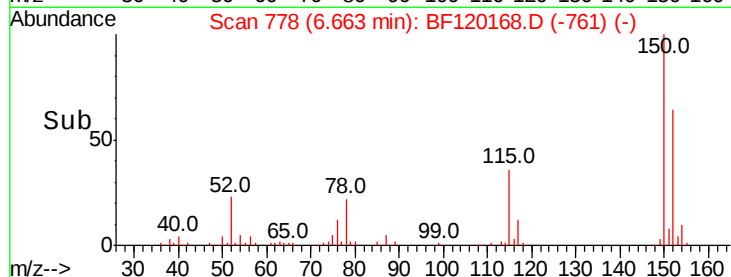


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

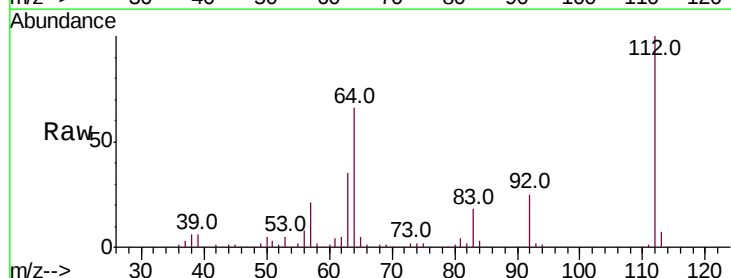
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 86.219 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	56.7	85.1
63	34.6	29.5	44.3

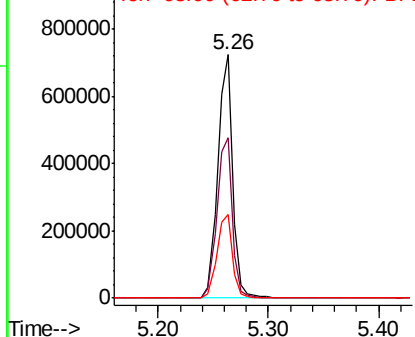
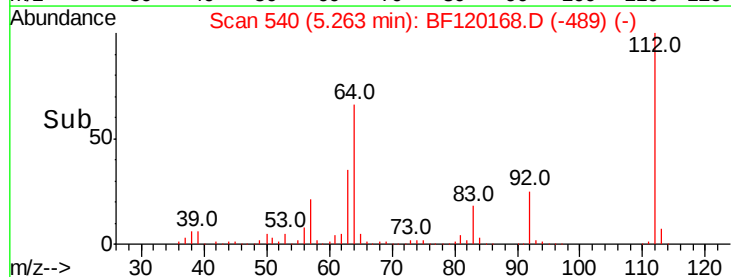


Abundance

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: 57.512 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

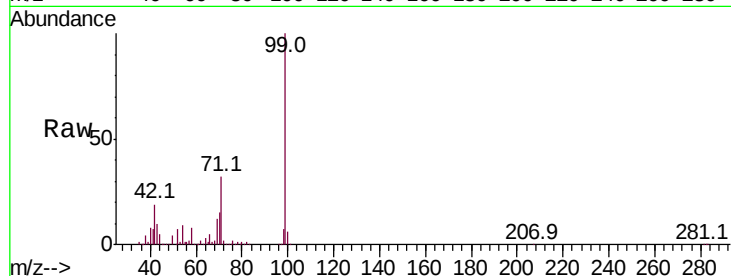
Tot Ion: 99 Resp: 580709

Ion Ratio Lower Upper

99 100

42 19.4 16.6 24.8

71 32.0 26.4 39.6



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

800000

600000

400000

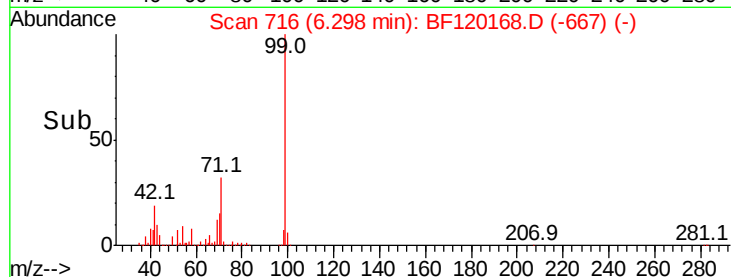
200000

0

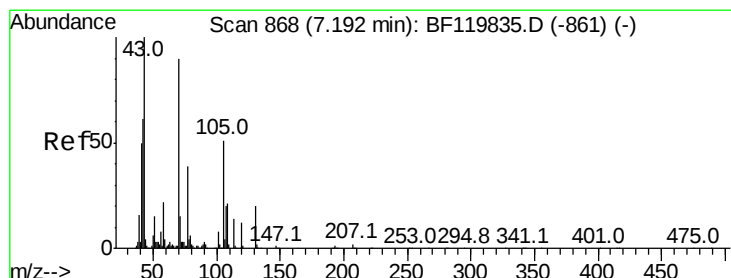
6.30

6.20

6.40



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 19.203 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Tgt Ion: 70 Resp: 124689

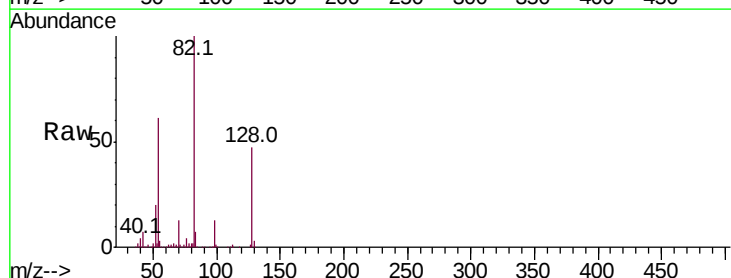
Ion Ratio Lower Upper

70 100

42 52.2 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#



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

150000

100000

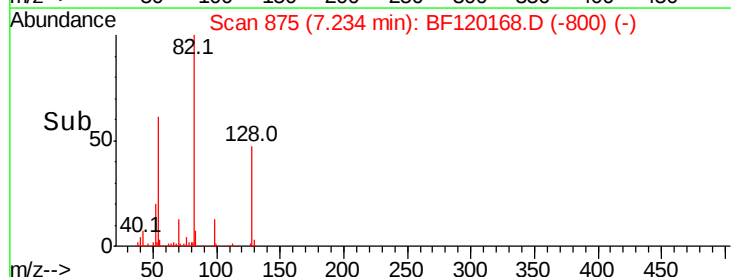
50000

0

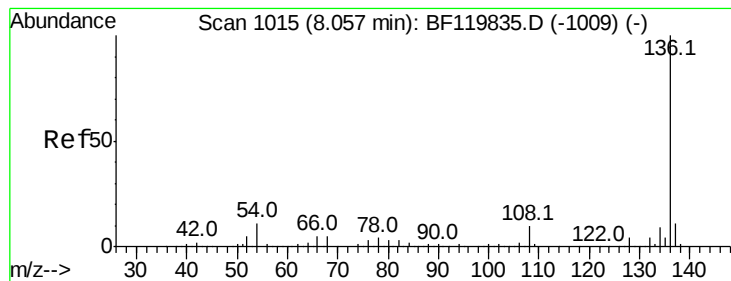
7.23

7.20

7.25



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

Tot Ion:136 Resp: 532744

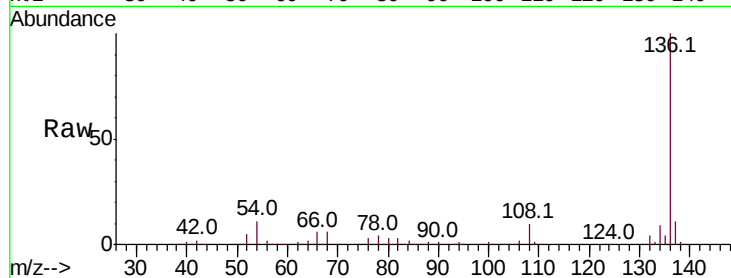
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.6 9.1 13.7

68 5.6 4.6 6.8

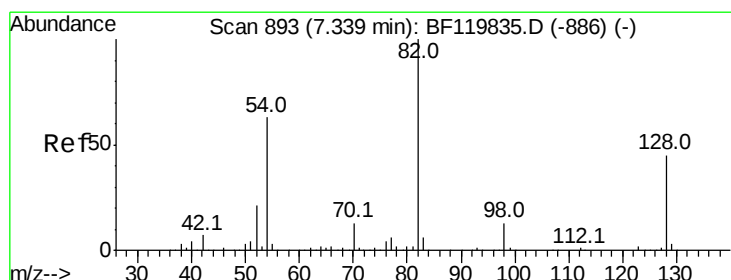
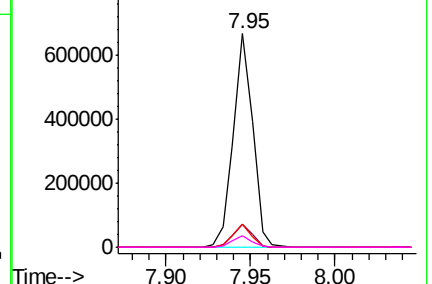
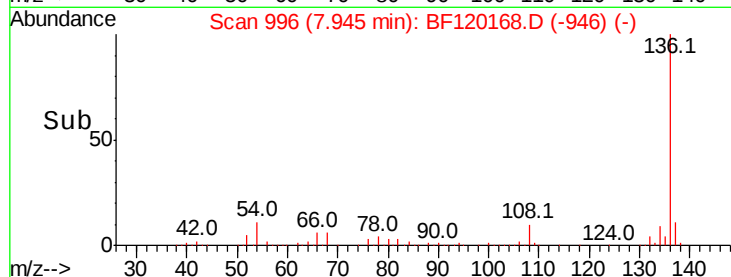


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.299 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

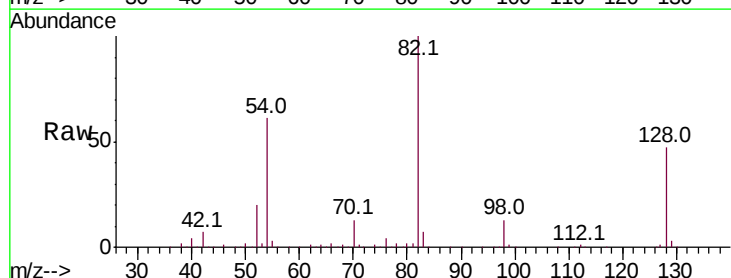
Tgt Ion: 82 Resp: 940184

Ion Ratio Lower Upper

82 100

128 47.1 36.3 54.5

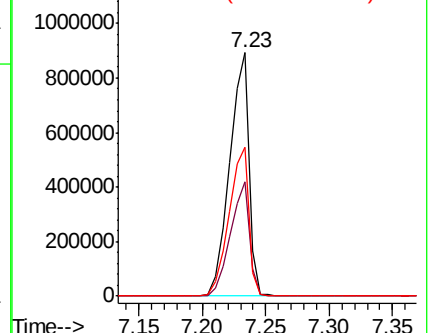
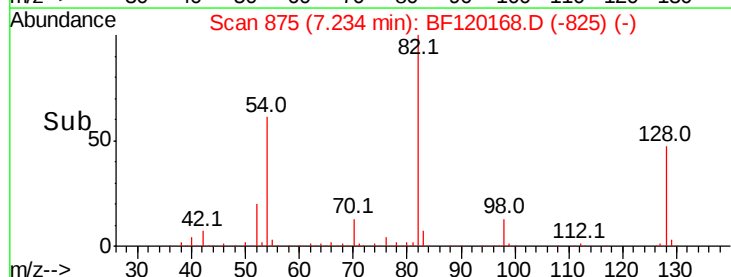
54 60.9 50.6 75.8



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: 47.256 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

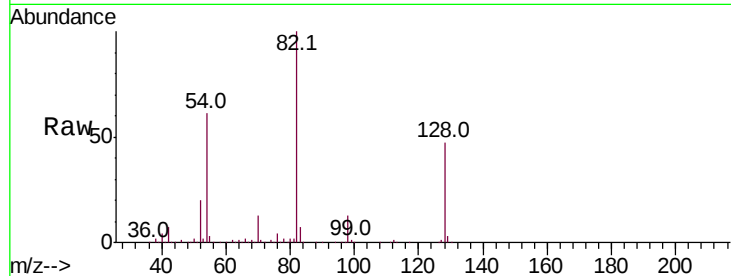
Tot Ion: 82 Resp: 938089

Ion Ratio Lower Upper

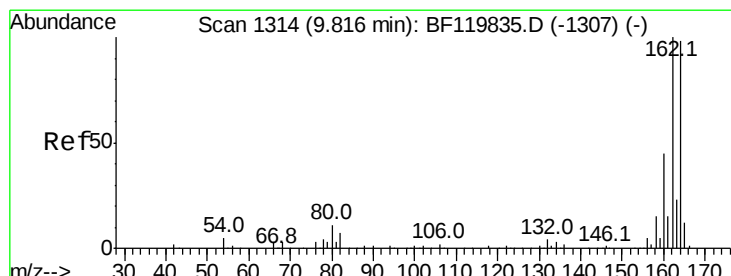
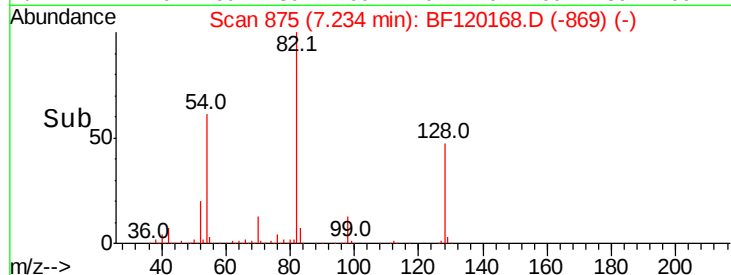
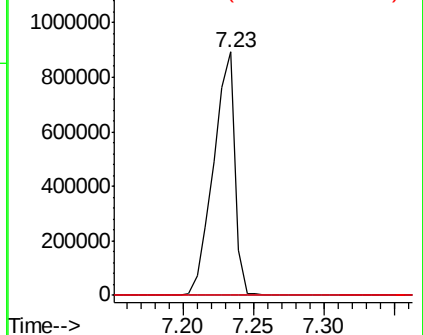
82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

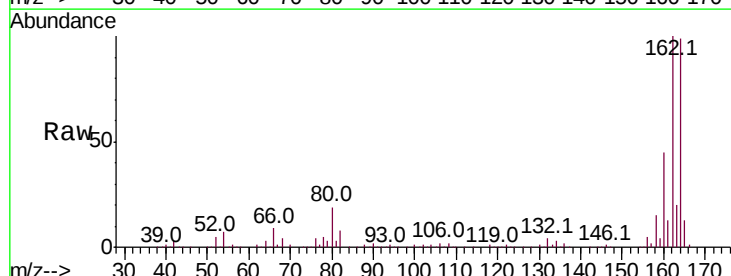
Tgt Ion:164 Resp: 291564

Ion Ratio Lower Upper

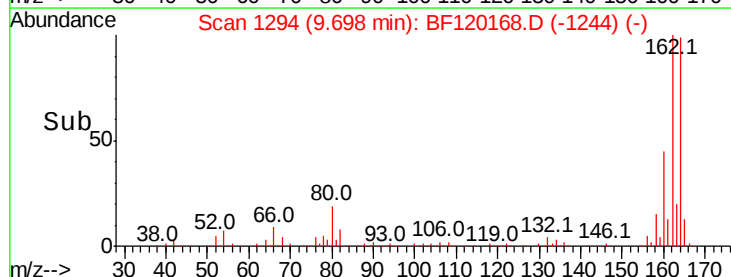
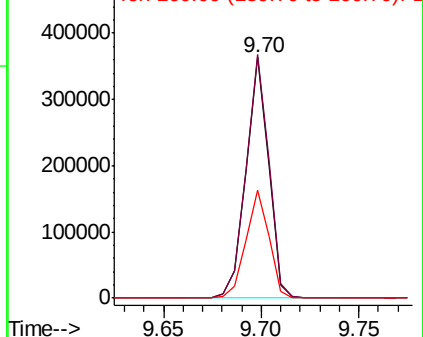
164 100

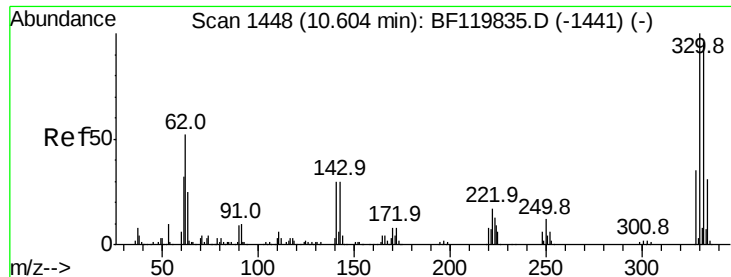
162 101.2 80.6 121.0

160 45.1 35.7 53.5



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

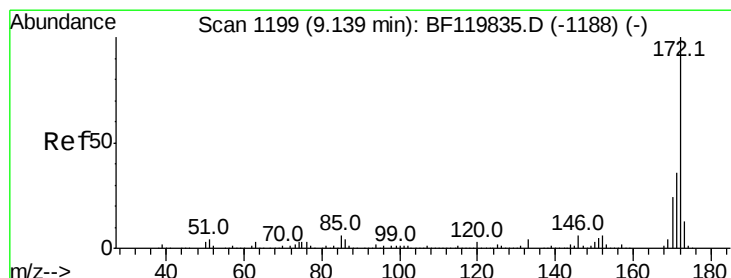
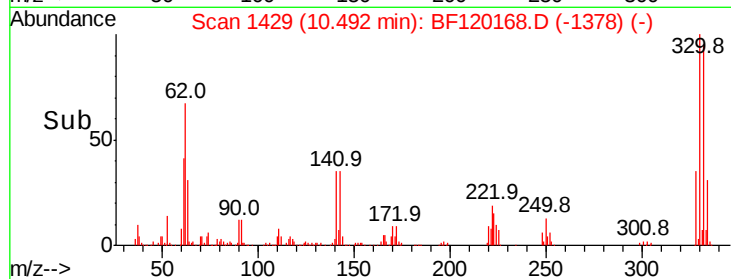
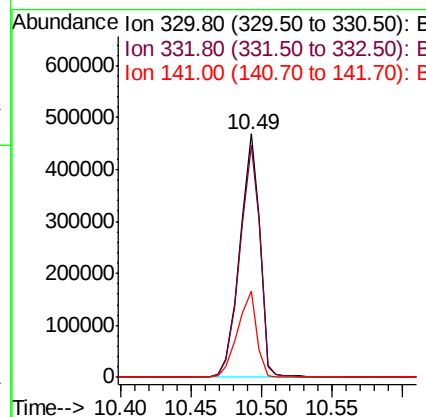
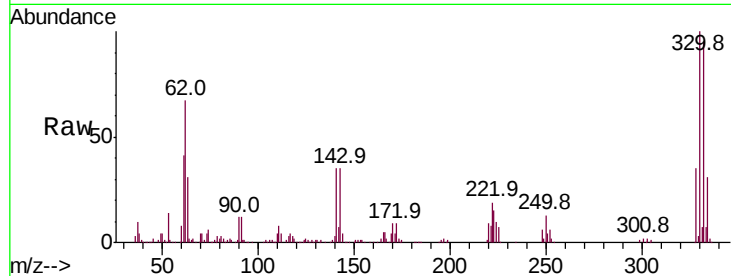




#42
 2,4,6-Tribromophenol
 Concen: 129.261 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

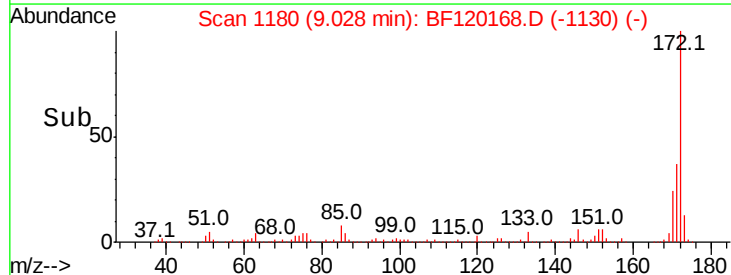
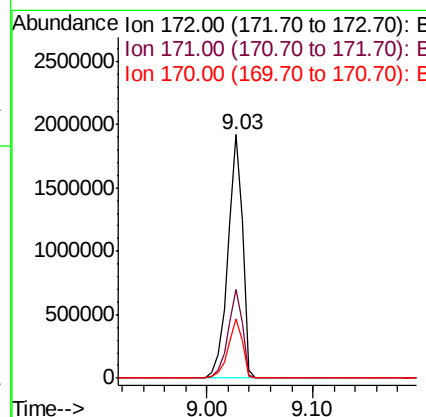
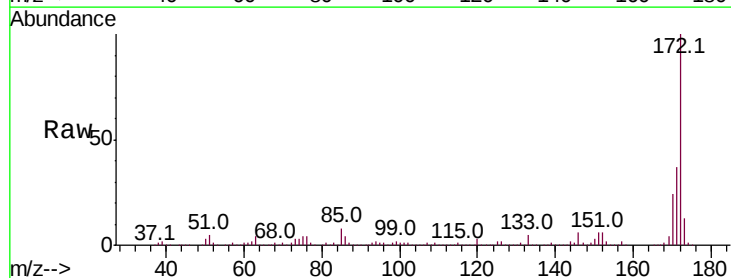
Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

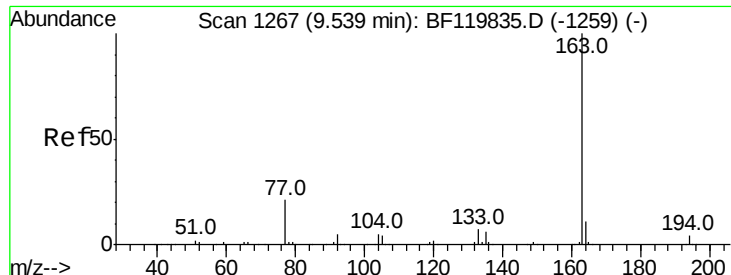
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	34.0	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 89.894 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	20.2	30.2





#50

Dimethylphthalate

Concen: 2.939 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

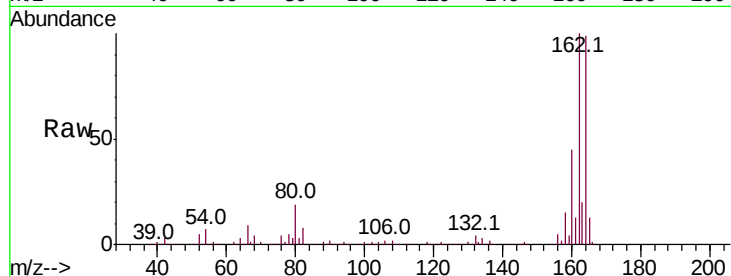
Tot Ion:163 Resp: 66274

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

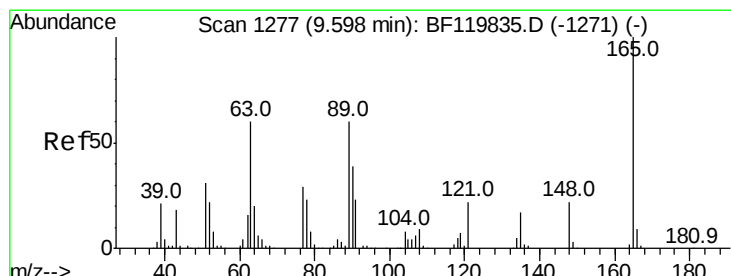
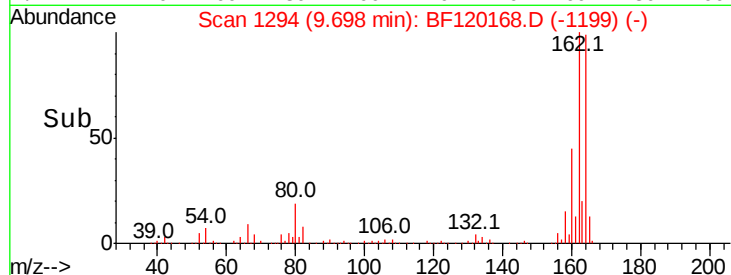
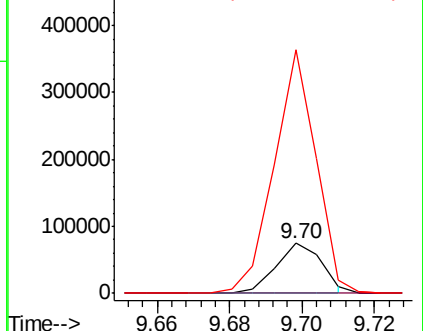
164 487.9 8.2 12.2#



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: 7.651 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

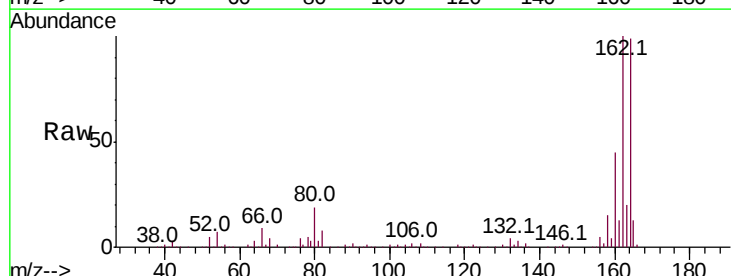
Tgt Ion:165 Resp: 37787

Ion Ratio Lower Upper

165 100

63 0.9 45.0 67.4#

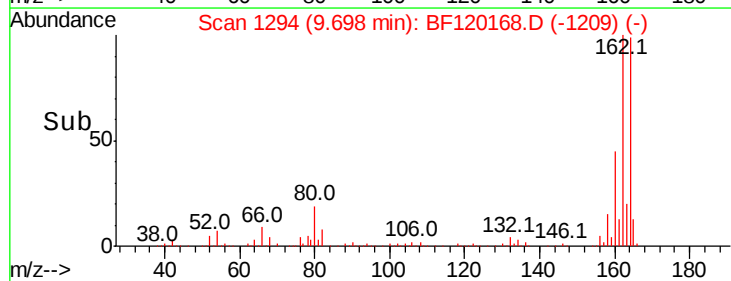
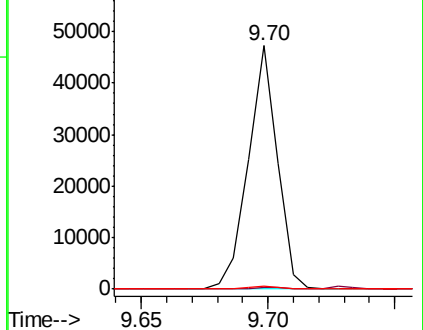
89 1.4 41.5 62.3#

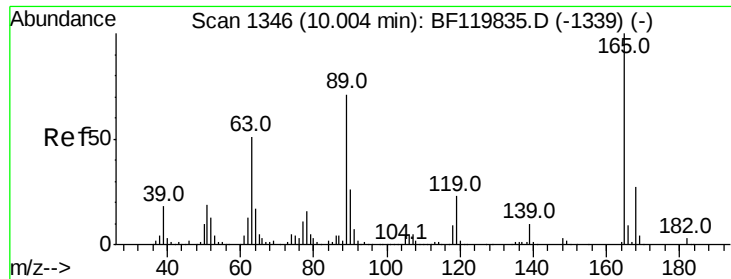


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

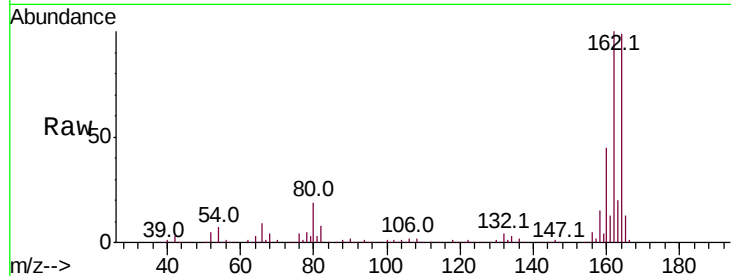




#57
 2,4-Dinitrotoluene
 Concen: 5.808 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.9	42.6	64.0#
89	1.4	61.0	91.4#
182	0.0	2.2	3.2#

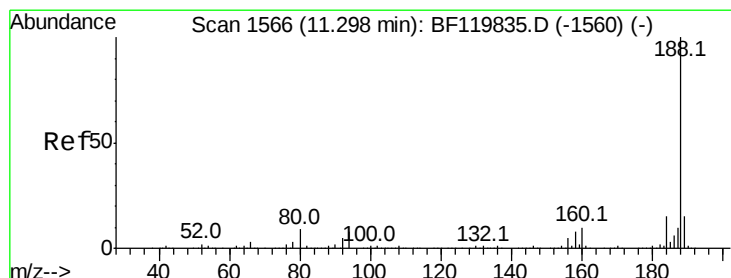
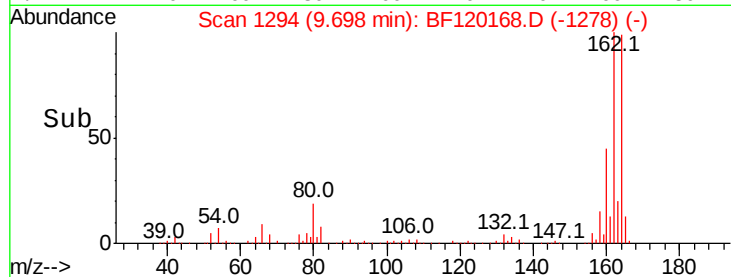
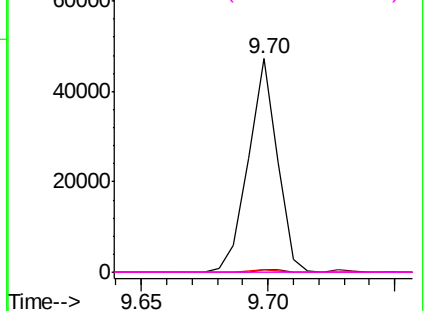


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

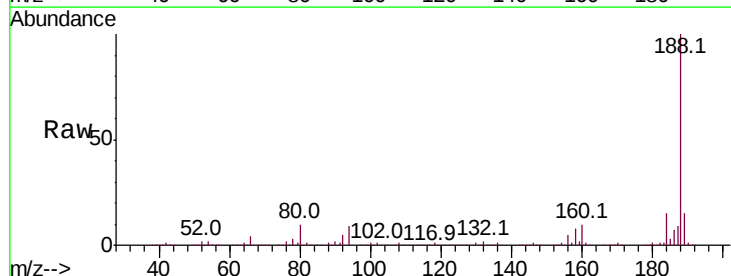
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

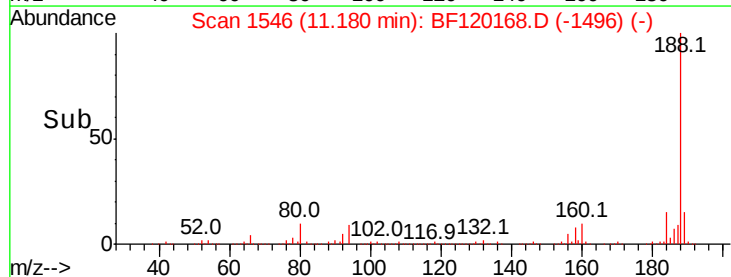
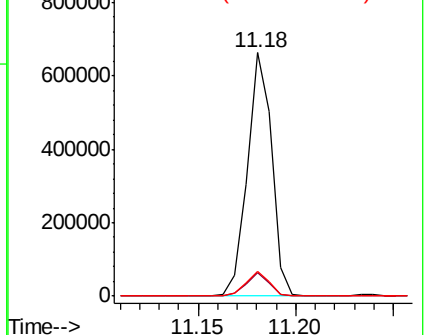
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.5	11.3
80	10.3	9.0	13.4

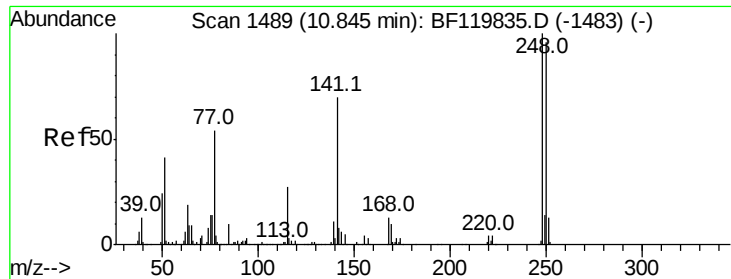


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

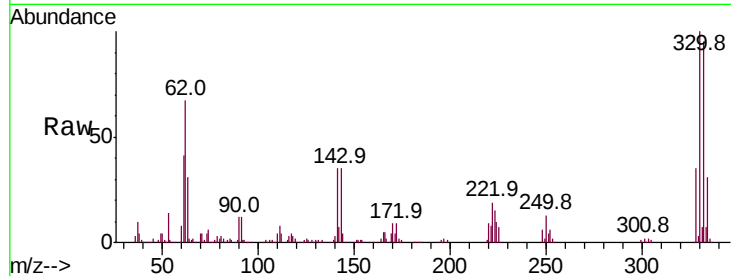




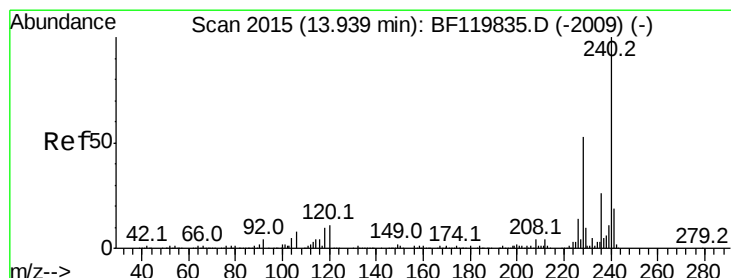
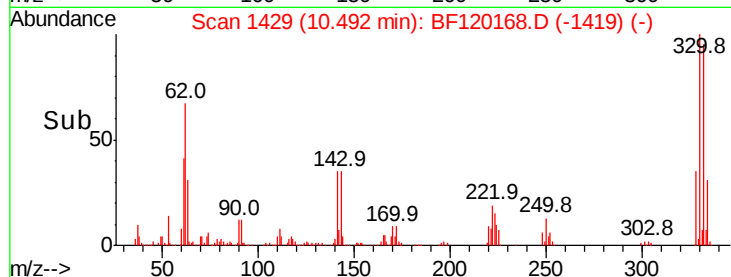
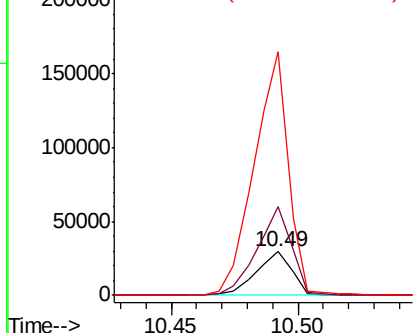
#67
 4-Bromophenyl-phenylether
 Concen: 4.083 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2020-04-16

Tot Ion:248 Resp: 29090
 Ion Ratio Lower Upper
 248 100
 250 203.1 77.3 115.9#
 141 555.0 58.6 87.8#

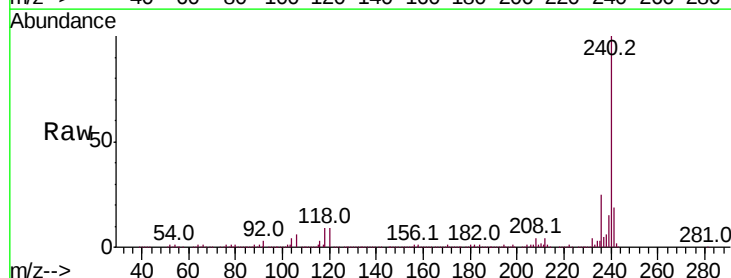


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

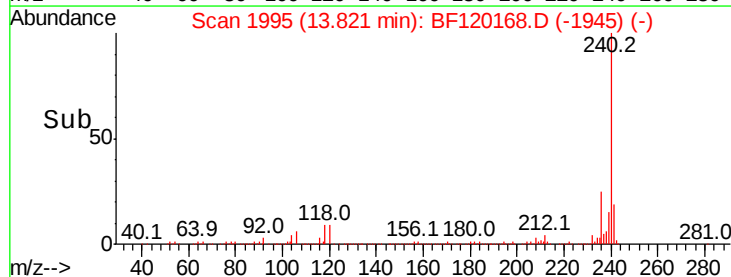
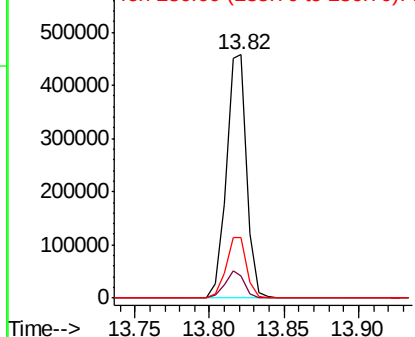


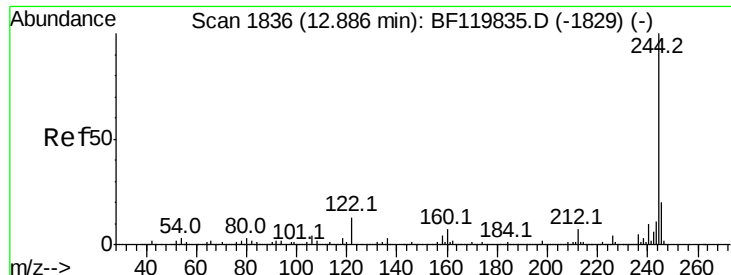
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.01 min
 Lab File: BF120168.D
 Acq: 23 Apr 2020 17:24

Tgt Ion:240 Resp: 443898
 Ion Ratio Lower Upper
 240 100
 120 9.0 10.6 15.8#
 236 25.1 20.2 30.2



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: 88.752 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

Instrument :

BNA_F

ClientSampleId :

DUP-2020-04-16

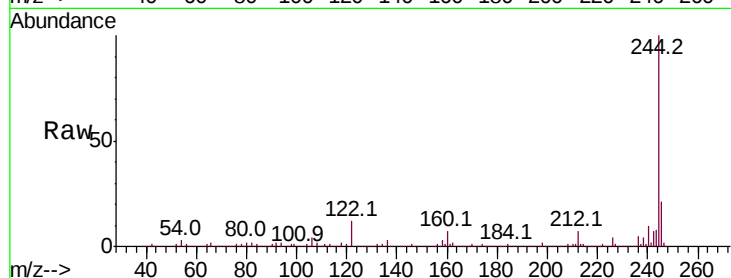
Tot Ion:244 Resp: 2341359

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

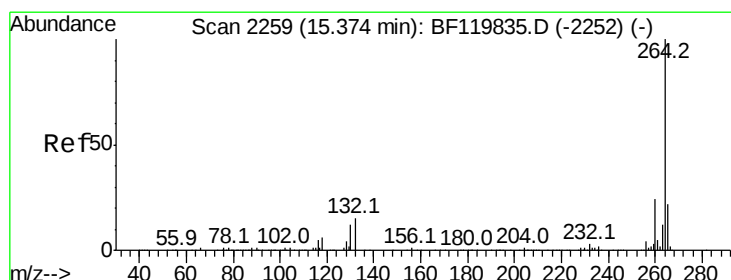
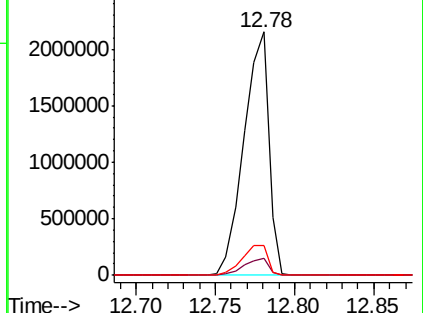
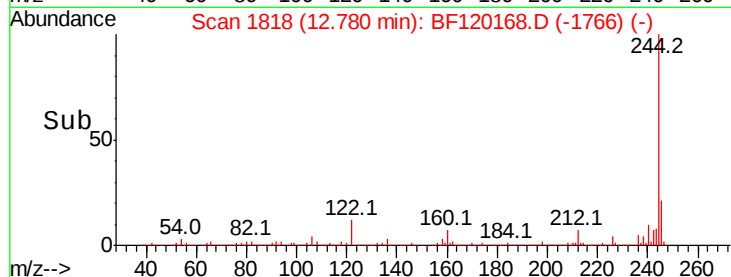
122 12.4 10.3 15.5



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: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120168.D

Acq: 23 Apr 2020 17:24

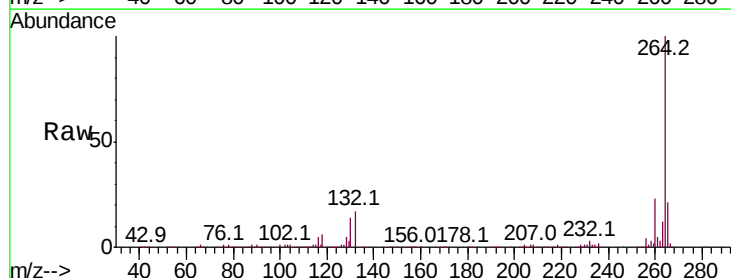
Tgt Ion:264 Resp: 386327

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.5 17.7 26.5



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

