

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121160.D
 Acq On : 31 Jul 2020 16:12
 Operator : JU/CG
 Sample : L3518-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Jul 31 16:49:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

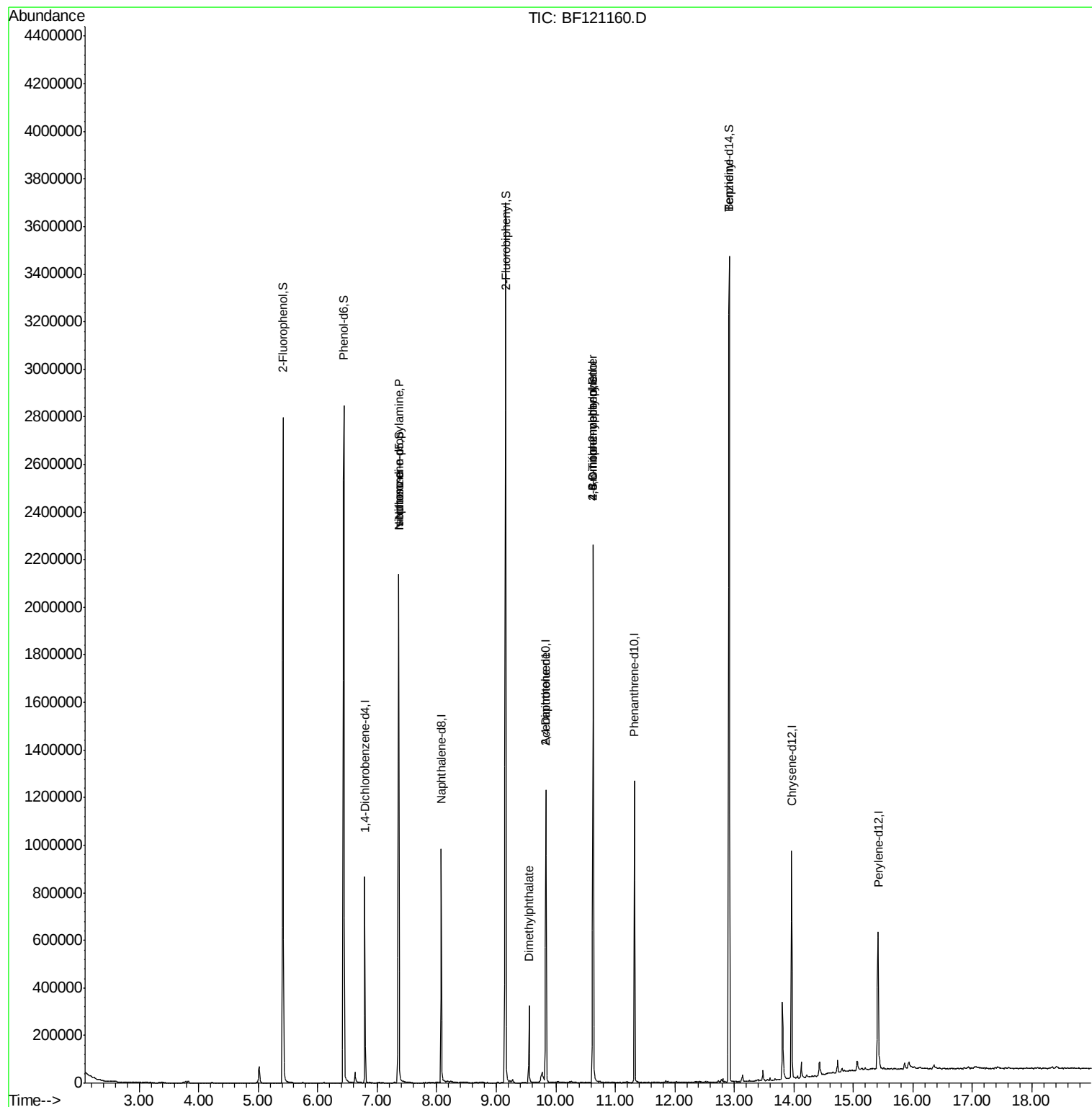
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129367	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	496196	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	251745	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	473851	20.00	ng	0.00
76) Chrysene-d12	13.96	240	315297	20.00	ng	0.00
86) Perylene-d12	15.42	264	276411	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	968664	122.75	ng	0.00
7) Phenol-d6	6.44	99	1176076	115.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	796318	92.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.63	330	335993	121.93	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1374228	81.50	ng	0.00
79) Terphenyl-d14	12.92	244	1307470	90.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1793	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	104665	18.057	ng	# 76
25) Isophorone	7.36	82	774970	45.282	ng	# 62
50) Dimethylphthalate	9.55	163	136148	7.496	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	32112	6.267	ng	# 29
65) 4,6-Dinitro-2-methylphenol	10.63	198	594	4.042	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	19454	3.682	ng	# 1
77) Benzidine	12.92	184	17888	2.158	ng	# 92

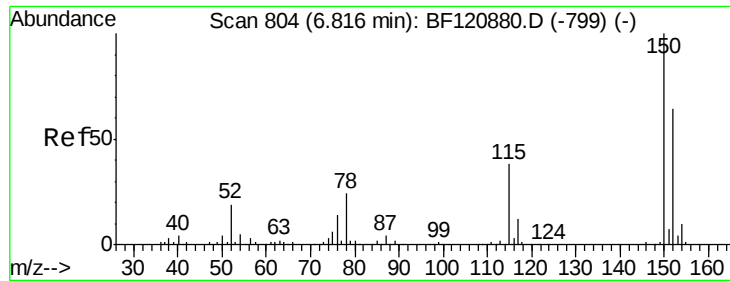
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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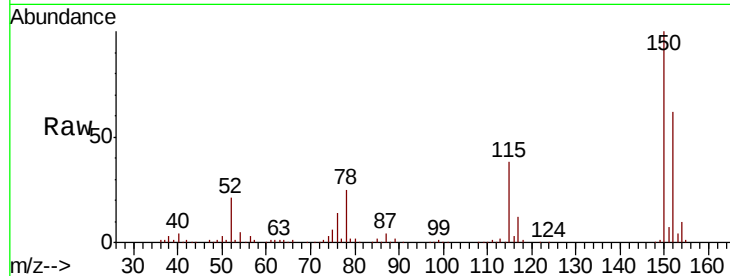


#1

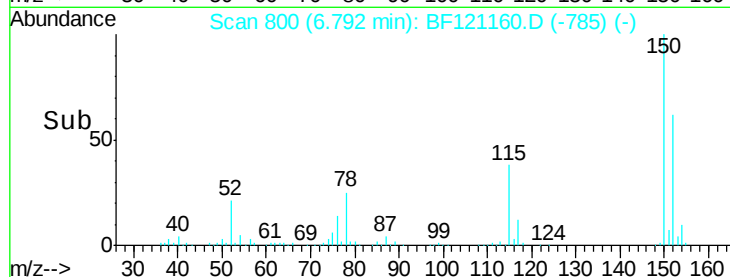
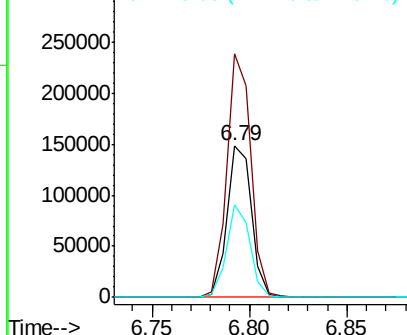
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion:152 Resp: 129367
Ion Ratio Lower Upper
152 100
150 160.3 125.6 188.4
115 61.2 46.2 69.2



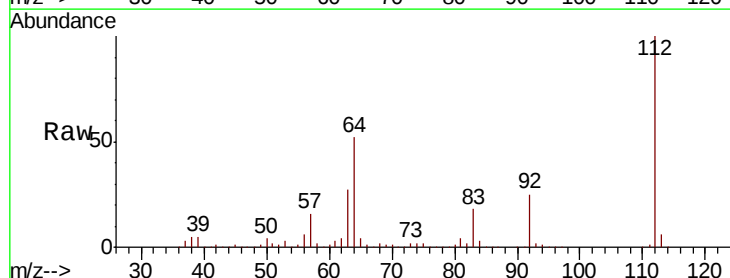
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



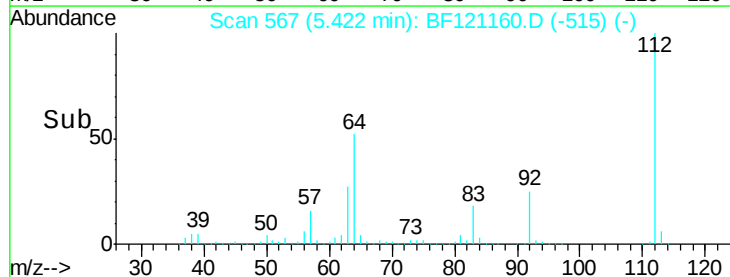
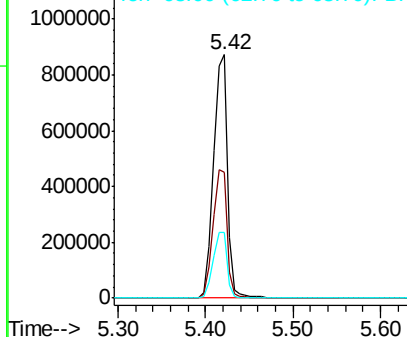
#5

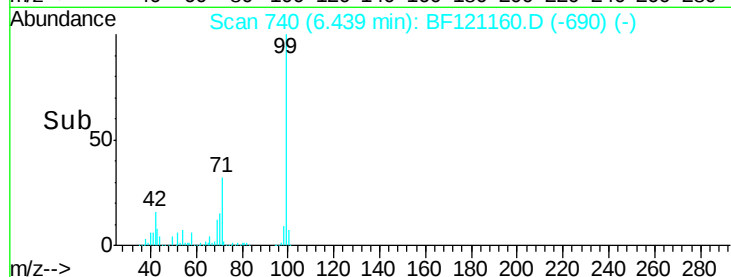
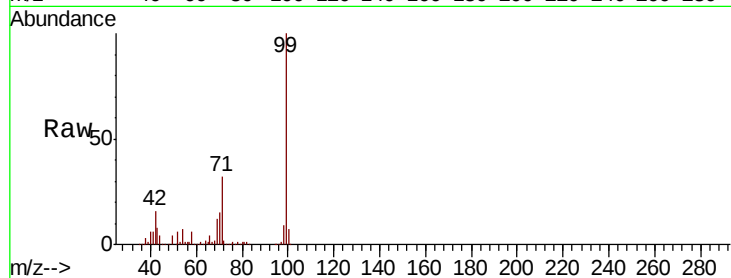
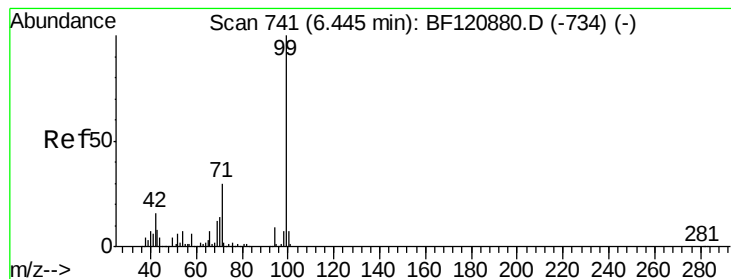
2-Fluorophenol
Concen: 122.750 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Tgt Ion:112 Resp: 968664
Ion Ratio Lower Upper
112 100
64 51.9 43.9 65.9
63 27.1 22.7 34.1



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: 115.374 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-9

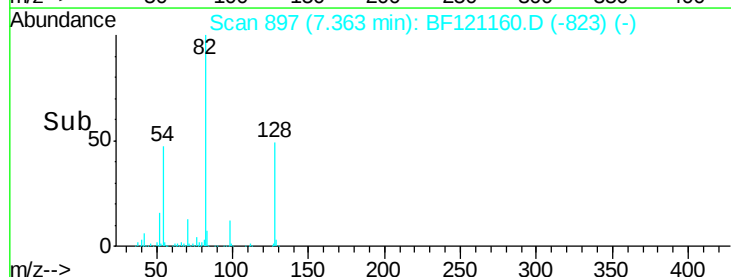
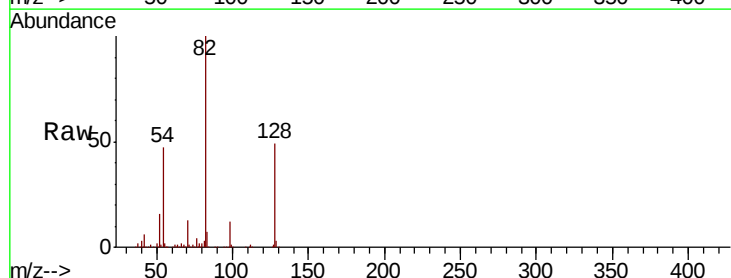
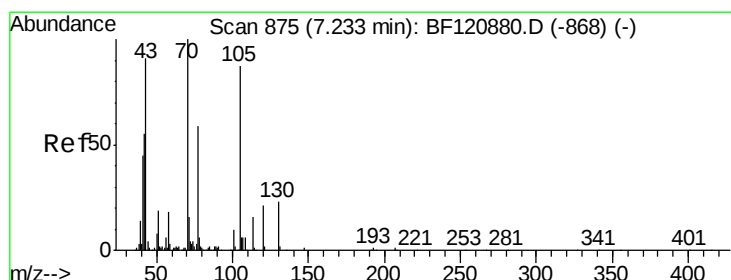
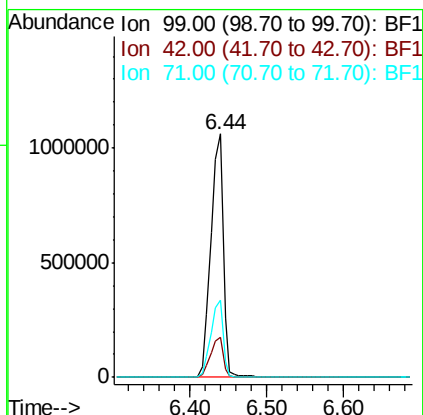
Tot Ion: 99 Resp: 1176076

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 31.7 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 18.057 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Tgt Ion: 70 Resp: 104665

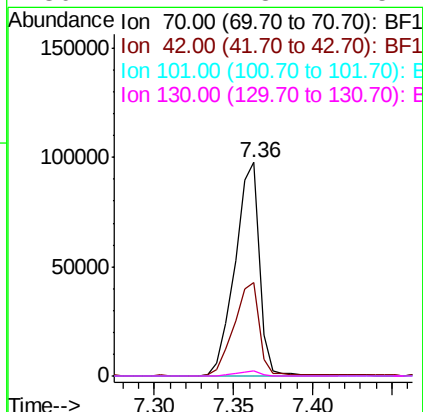
Ion Ratio Lower Upper

70 100

42 43.5 43.3 64.9

101 0.0 8.4 12.6#

130 2.4 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-9

Tot Ion:136 Resp: 496196

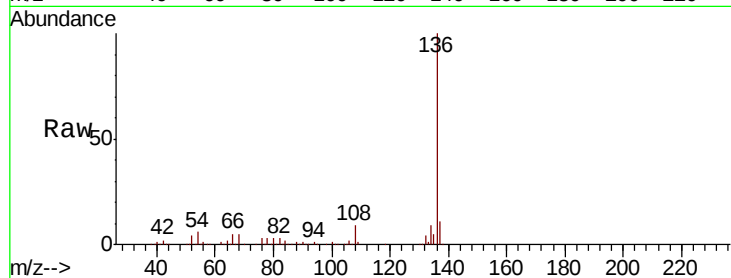
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.5 6.1 9.1

68 5.5 5.0 7.6

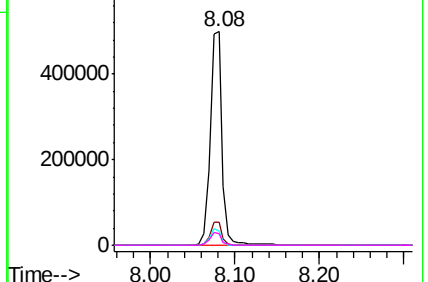
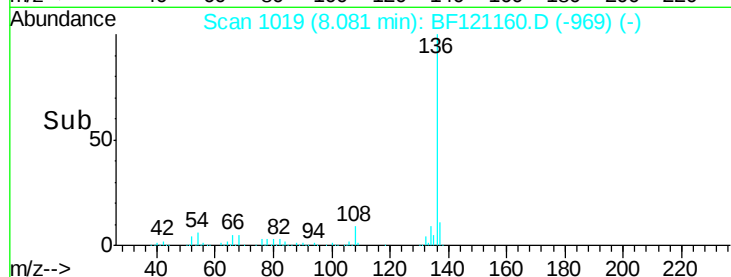


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.861 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

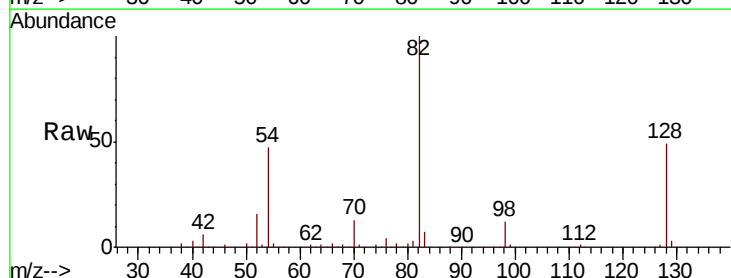
Tgt Ion: 82 Resp: 796318

Ion Ratio Lower Upper

82 100

128 49.3 39.2 58.8

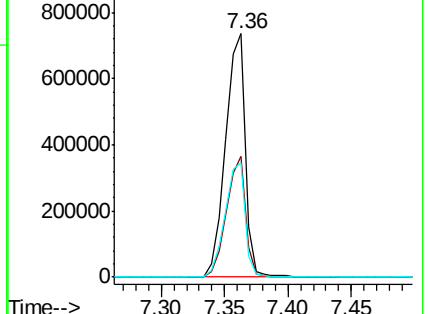
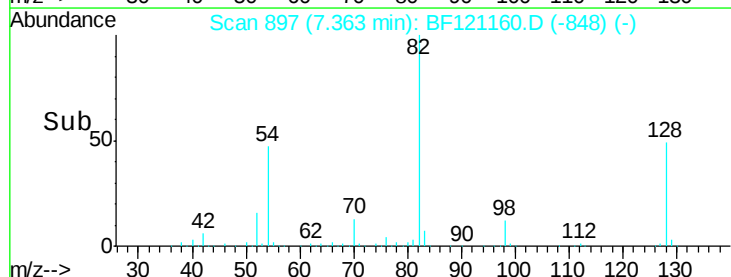
54 46.9 37.8 56.8



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: 45.282 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.27 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Instrument :

BNA_F

ClientSampled :

TP-9

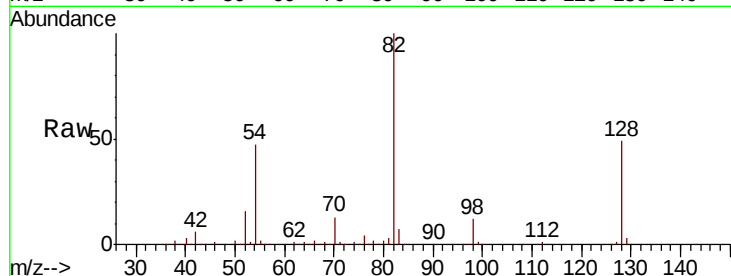
Tot Ion: 82 Resp: 774970

Ion Ratio Lower Upper

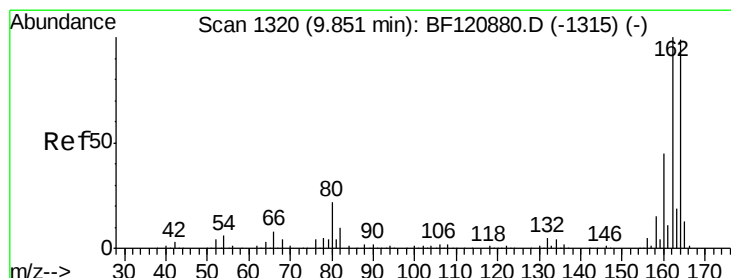
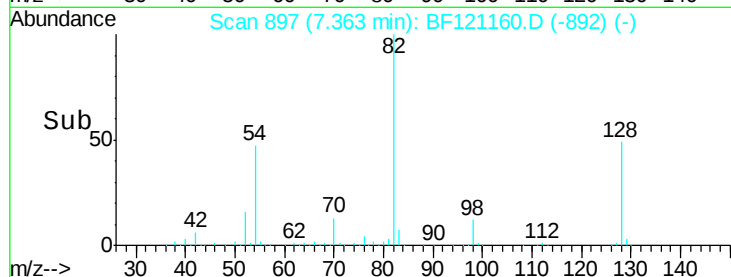
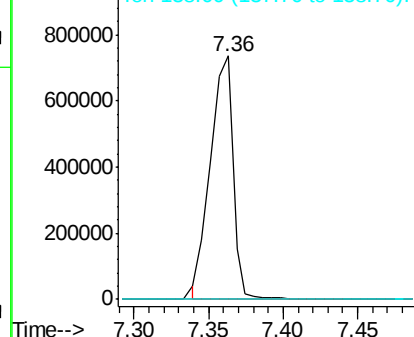
82 100

95 0.0 5.5 8.3#

138 0.0 16.2 24.2#



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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

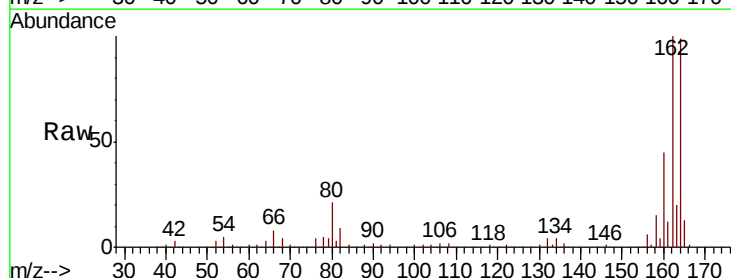
Tgt Ion: 164 Resp: 251745

Ion Ratio Lower Upper

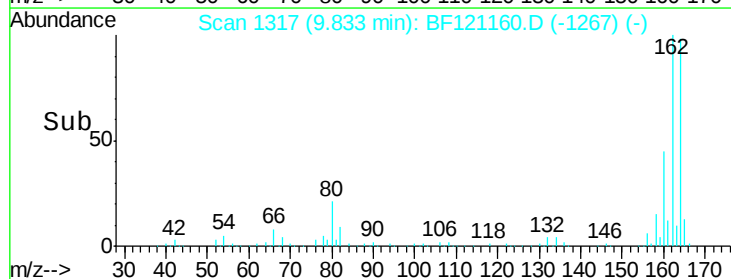
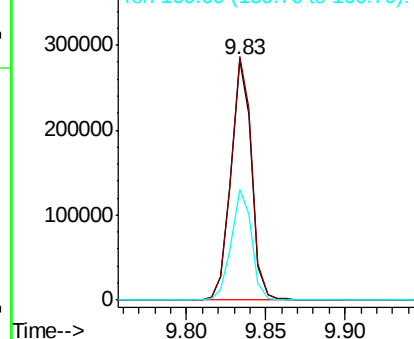
164 100

162 101.4 82.2 123.2

160 45.9 37.2 55.8



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

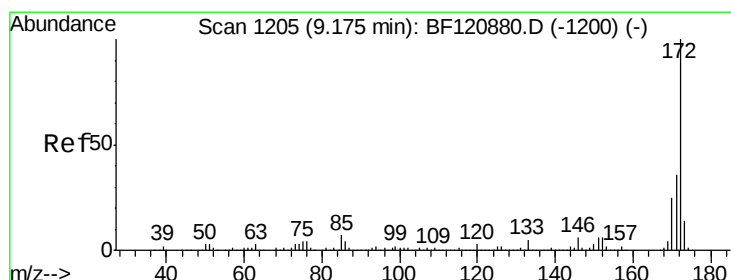
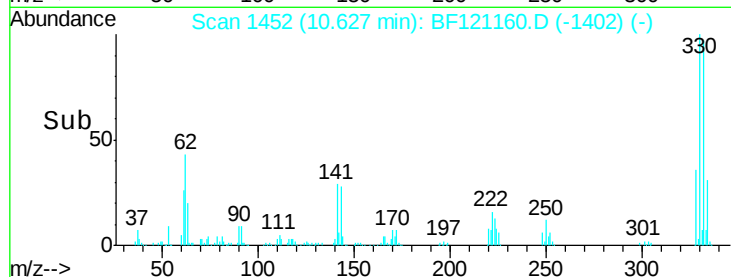
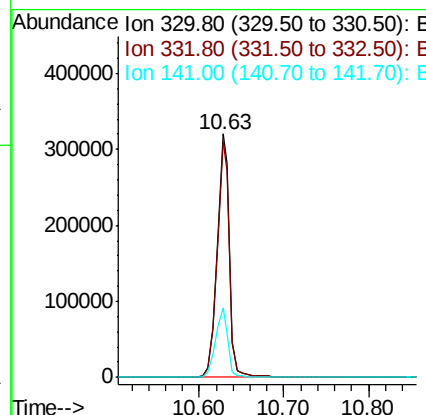
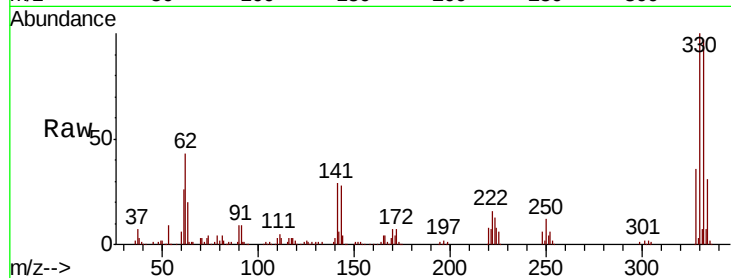




#42
 2,4,6-Tribromophenol
 Concen: 121.931 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF121160.D
 Acq: 31 Jul 2020 16:12

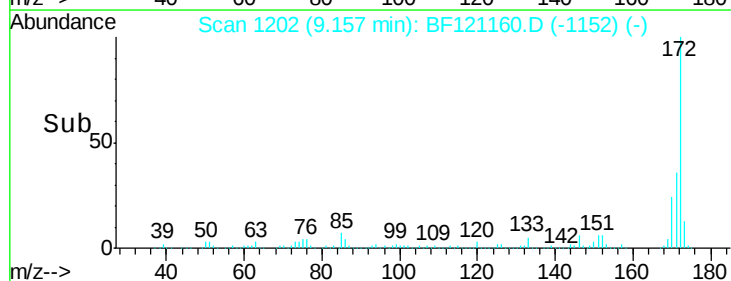
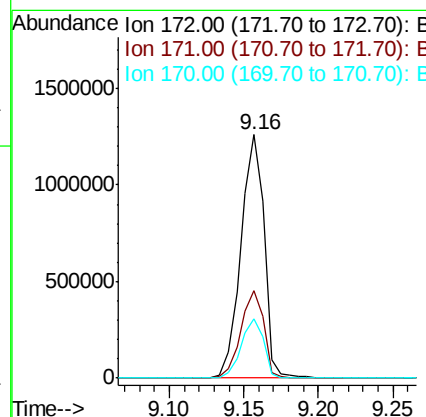
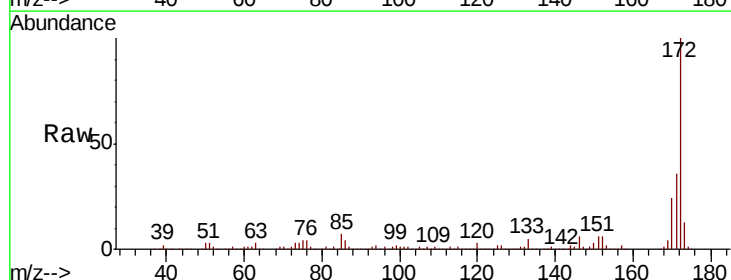
Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.1	114.1
141	28.7	24.1	36.1



#45
 2-Fluorobiphenyl
 Concen: 81.502 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121160.D
 Acq: 31 Jul 2020 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.4	19.6	29.4

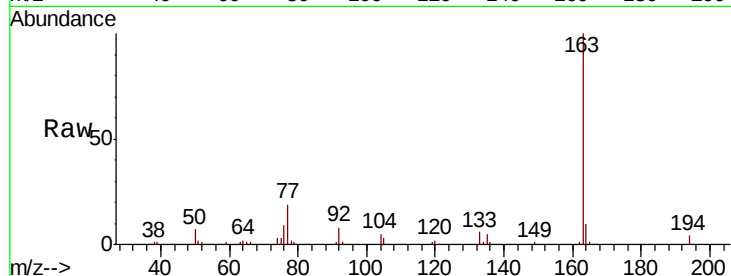




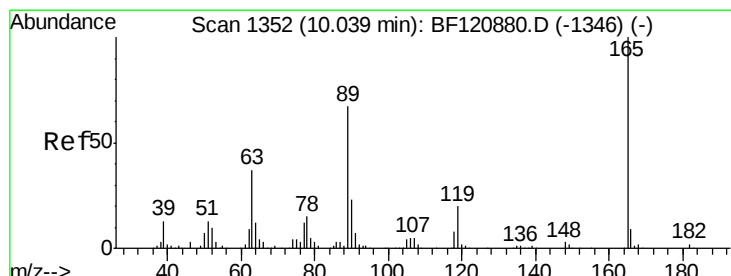
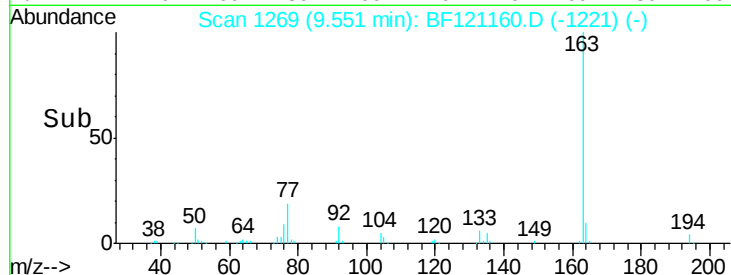
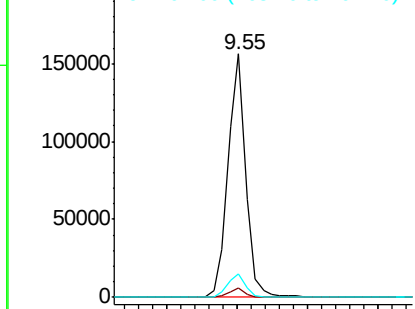
#50
Dimethylphthalate
Concen: 7.496 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.4
164	9.8	8.4	12.6

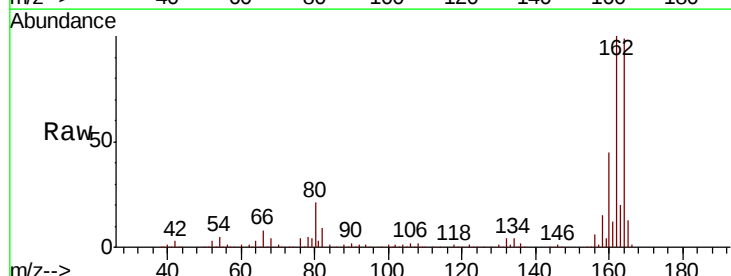


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

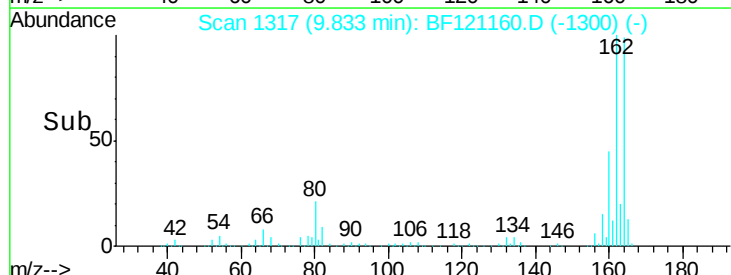
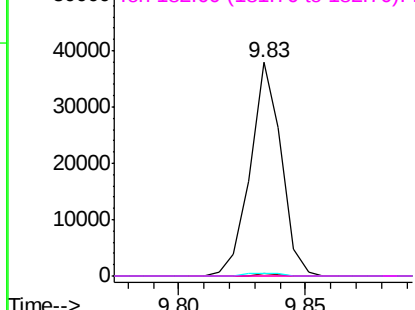


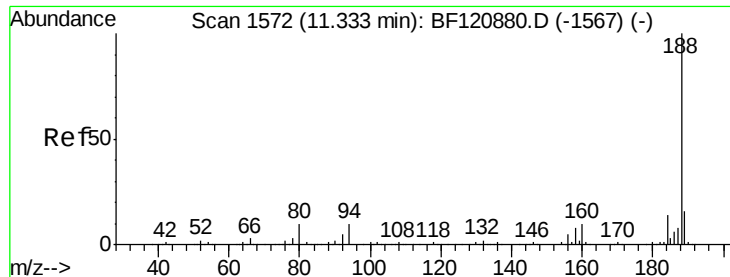
#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.20 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.2	50.3	75.5#
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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-9

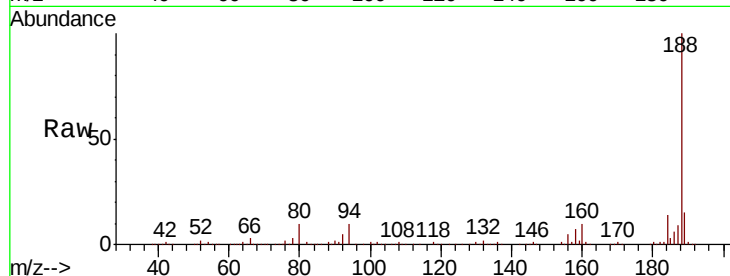
Tot Ion:188 Resp: 473851

Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

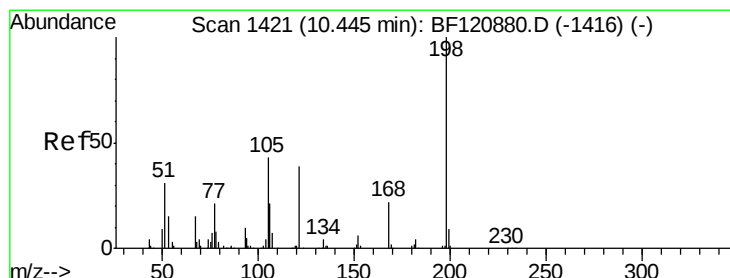
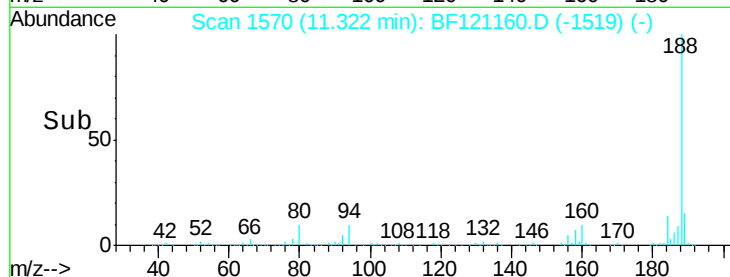
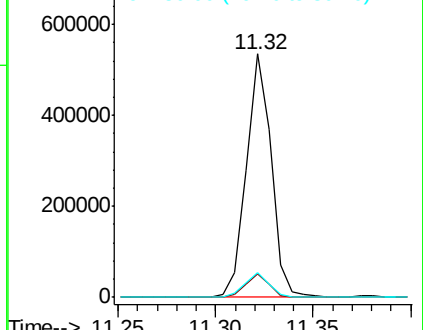
80 10.1 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 4.042 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

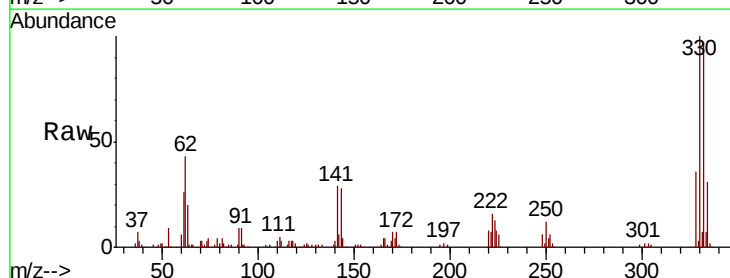
Tgt Ion:198 Resp: 594

Ion Ratio Lower Upper

198 100

51 128.1 23.4 63.4#

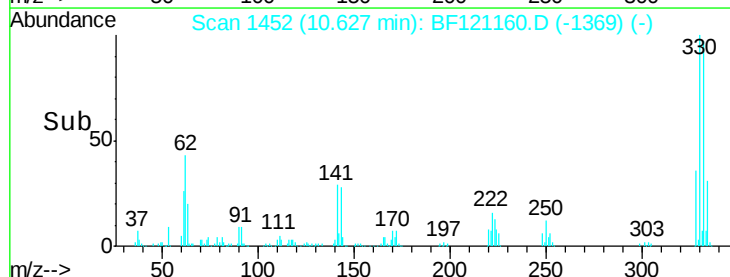
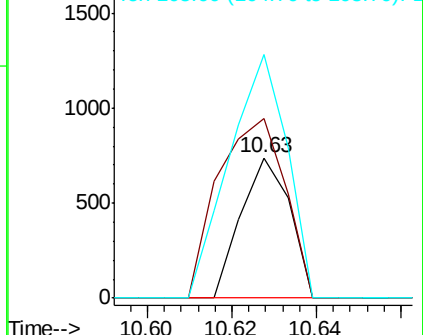
105 173.3 23.7 63.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

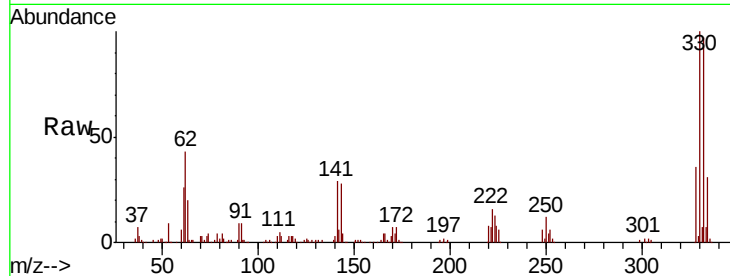




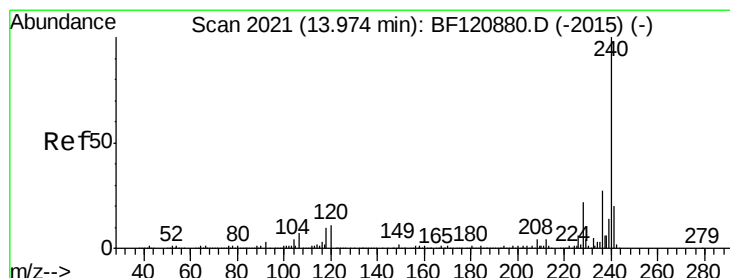
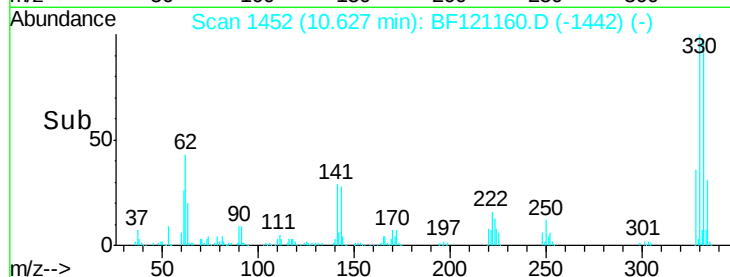
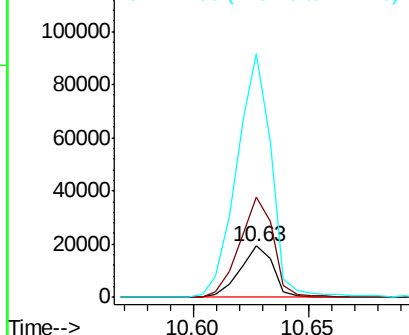
#67
4-Bromophenyl-phenylether
Concen: 3.682 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion:248 Resp: 19454
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.6#
141 475.4 56.6 85.0#

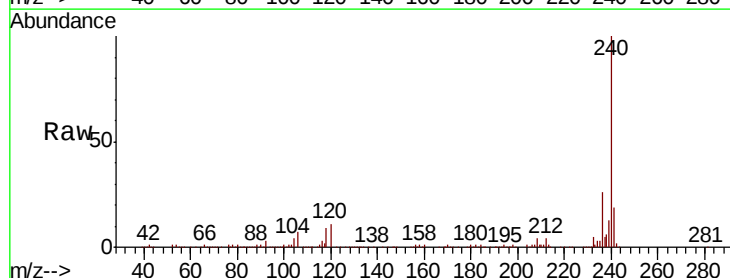


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

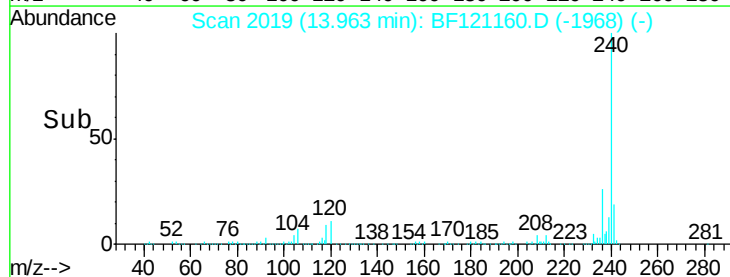
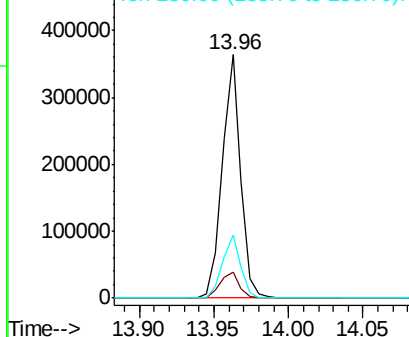


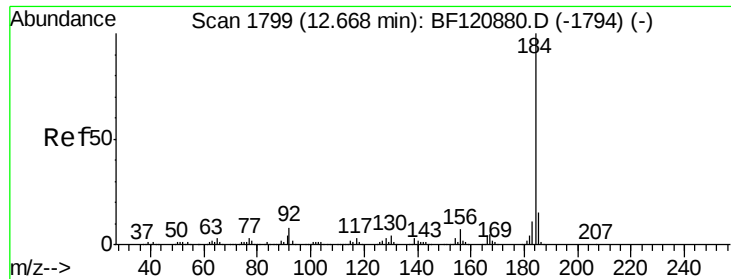
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Tgt Ion:240 Resp: 315297
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 26.0 21.1 31.7



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





#77

Benzidine

Concen: 2.158 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.26 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-9

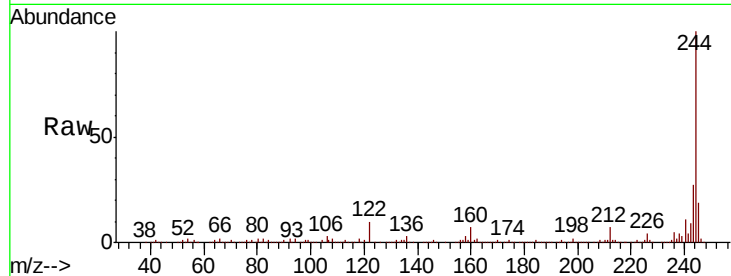
Tot Ion:184 Resp: 17888

Ion Ratio Lower Upper

184 100

185 17.0 12.1 18.1

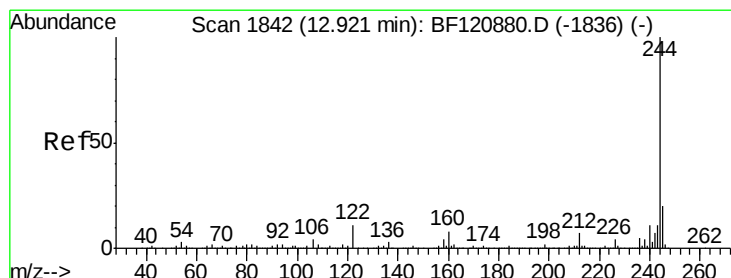
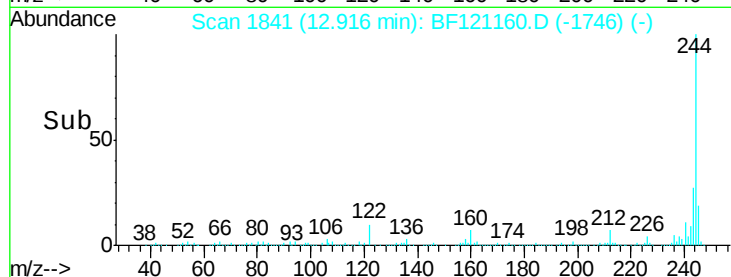
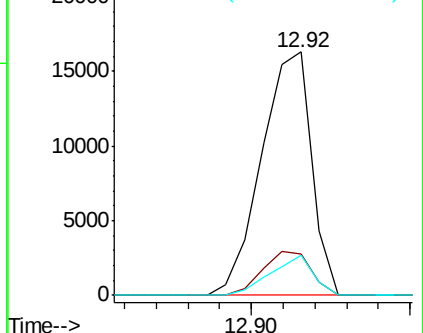
183 16.2 9.0 13.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 90.142 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF121160.D

Acq: 31 Jul 2020 16:12

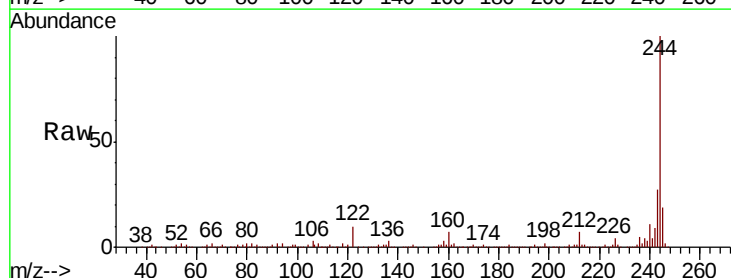
Tgt Ion:244 Resp: 1307470

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

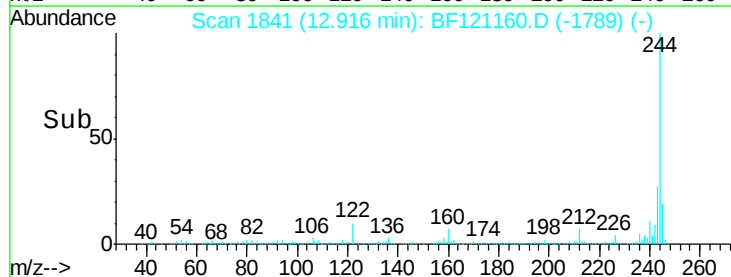
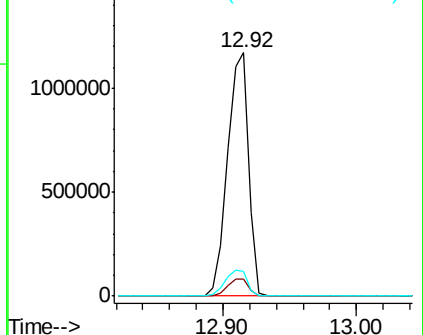
122 10.4 8.3 12.5

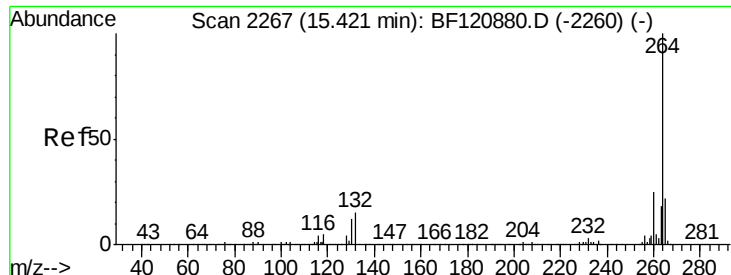


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

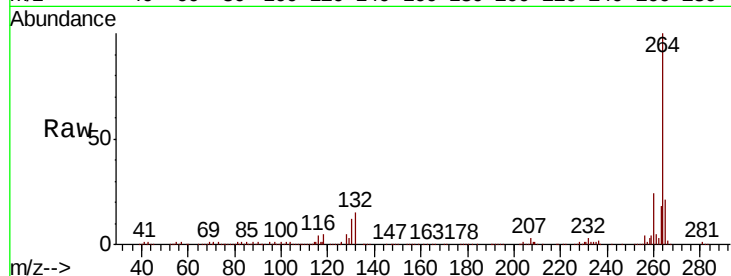




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121160.D
Acq: 31 Jul 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-9

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.9	29.9
265	21.1	17.8	26.8



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

