

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
 Data File : BF120907.D
 Acq On : 17 Jul 2020 1:49
 Operator : JU/CG
 Sample : L3308-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15

Quant Time: Jul 17 03:10:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

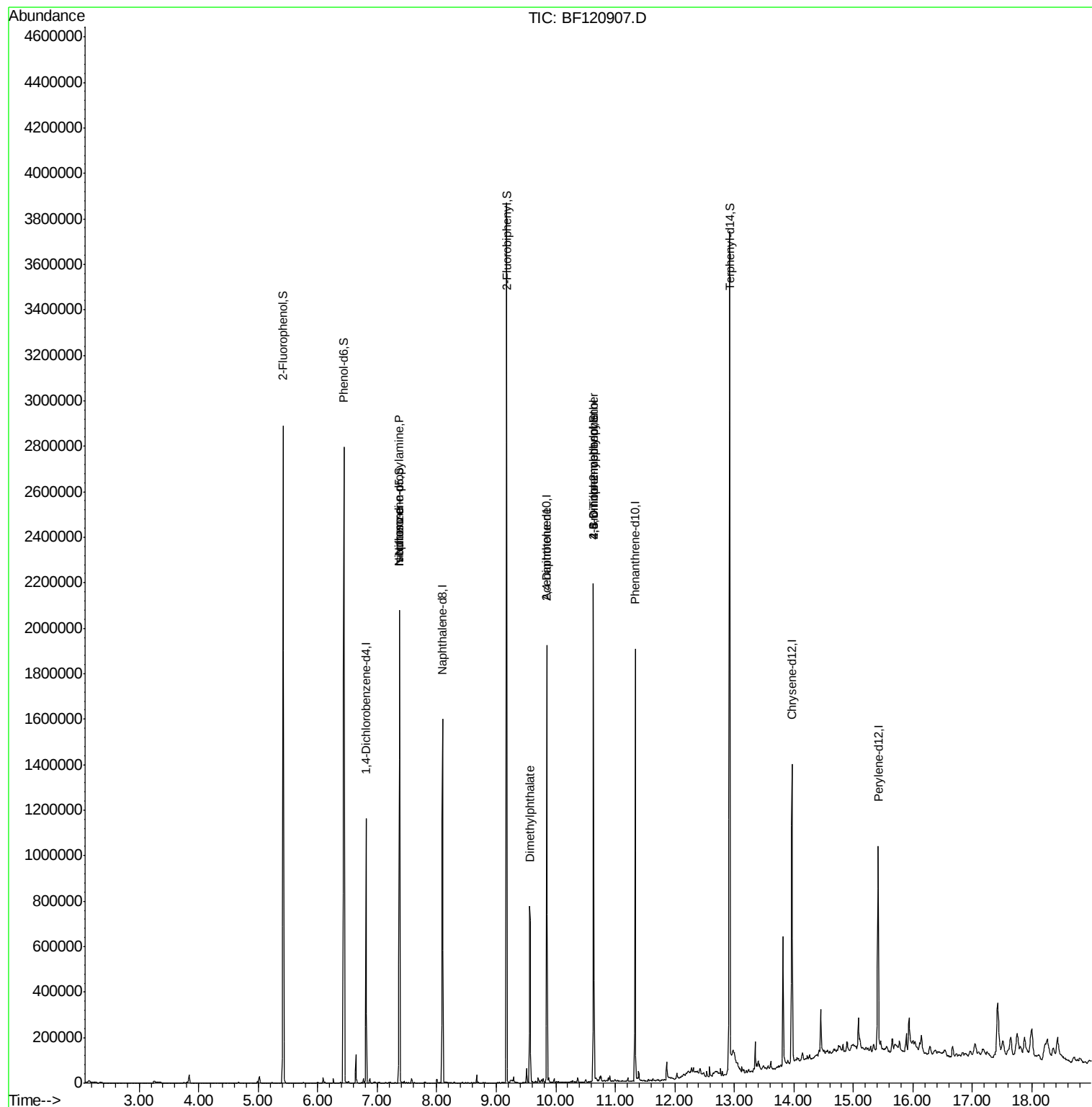
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	170715	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	654006	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	342080	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	641595	20.00	ng	0.00
76) Chrysene-d12	13.97	240	434874	20.00	ng	0.00
86) Perylene-d12	15.42	264	390350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	833062	80.00	ng	0.00
7) Phenol-d6	6.44	99	1025281	76.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	615035	54.42	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	299609	80.02	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1154189	50.38	ng	0.00
79) Terphenyl-d14	12.92	244	1136710	56.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	336	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	80052	10.466 ng	#	72
25) Isophorone	7.37	82	612867	27.169 ng	#	63
50) Dimethylphthalate	9.57	163	301996	12.237 ng		100
57) 2,4-Dinitrotoluene	9.85	165	44223	6.351 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	602	3.992 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	17855	2.496 ng	#	1

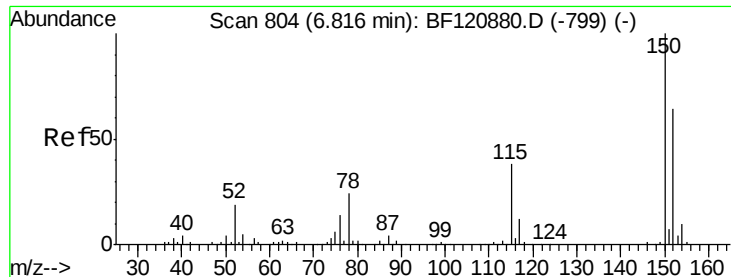
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071620\
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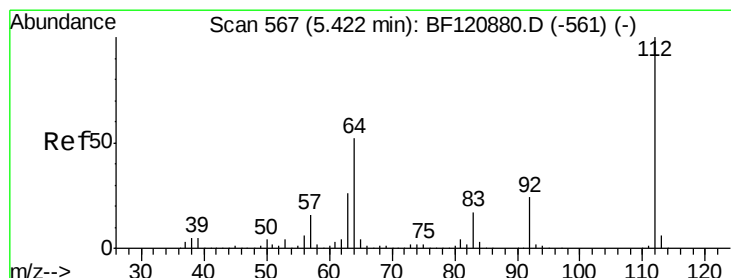
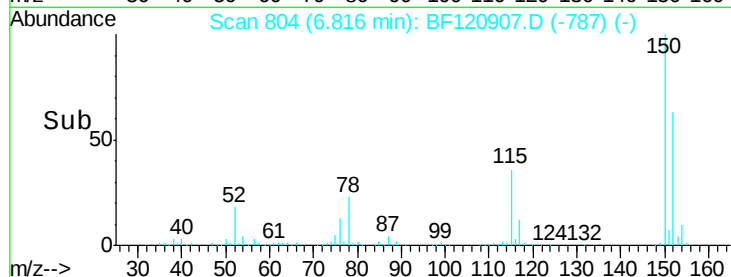
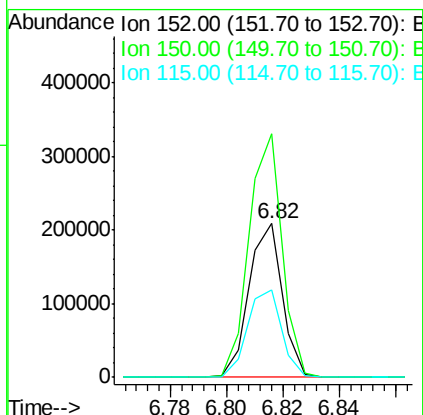
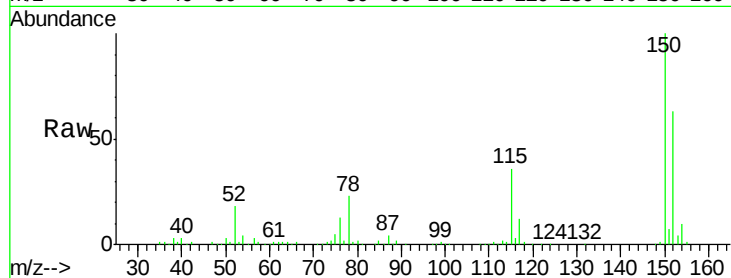


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Instrument :
 BNA_F
 ClientSampled :
 15

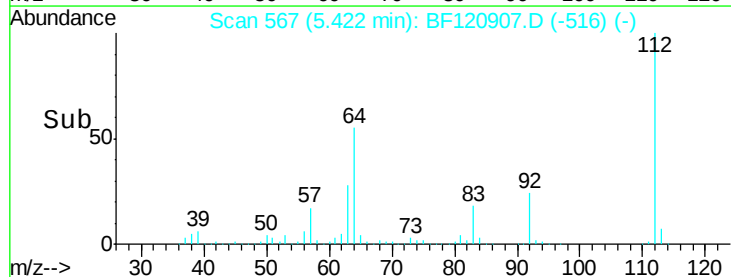
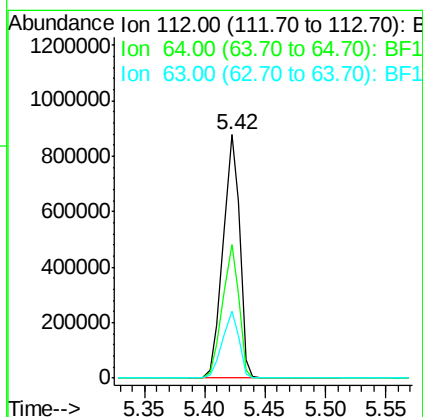
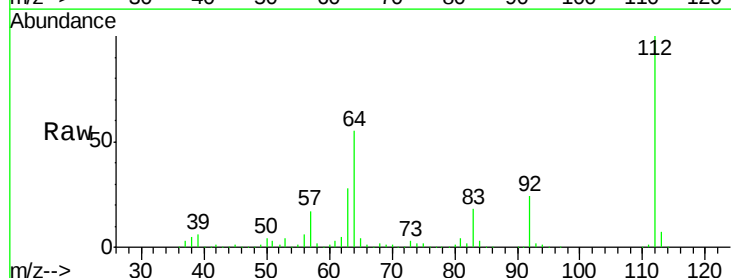
Tot Ion:152 Resp: 170715
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.0 187.6
 115 56.8 47.0 70.4



#5

2-Fluorophenol
 Concen: 79.998 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Tgt Ion:112 Resp: 833062
 Ion Ratio Lower Upper
 112 100
 64 55.0 41.3 61.9
 63 27.7 21.1 31.7





#7

Phenol-d6

Concen: 76.220 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

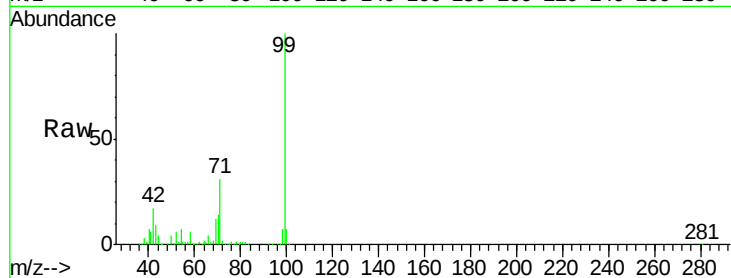
Tot Ion: 99 Resp: 1025281

Ion Ratio Lower Upper

99 100

42 17.3 13.1 19.7

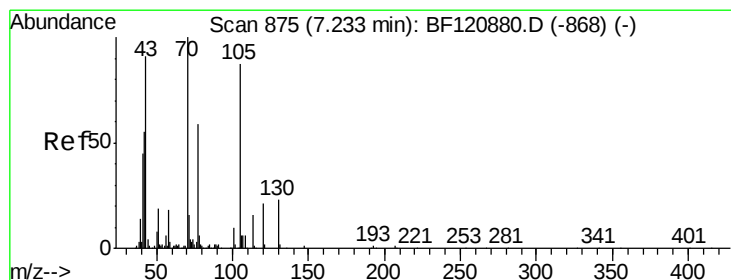
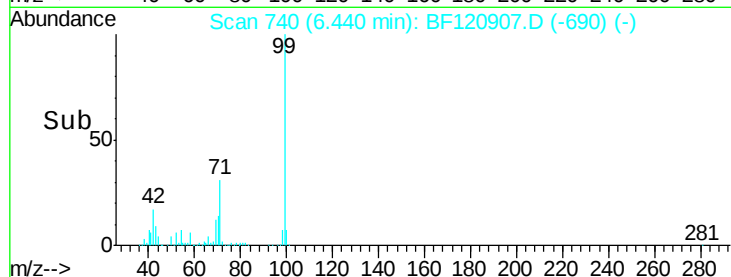
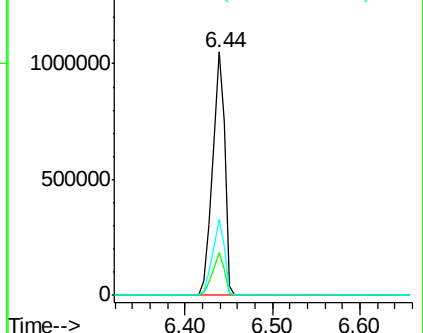
71 30.9 24.2 36.4



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: 10.466 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Tgt Ion: 70 Resp: 80052

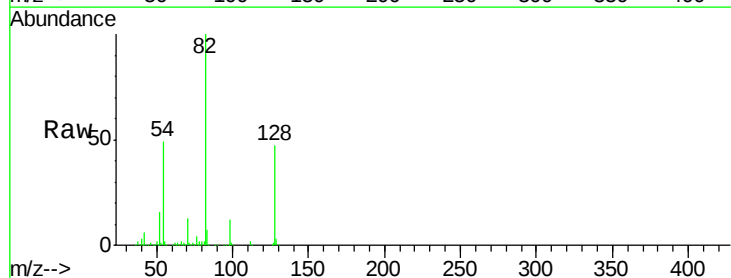
Ion Ratio Lower Upper

70 100

42 46.3 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#

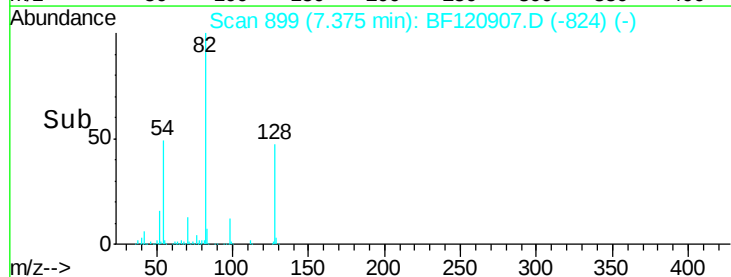
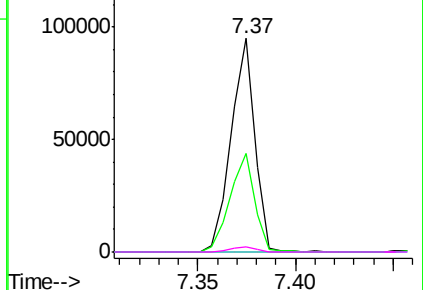


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

Tot Ion:136 Resp: 654006

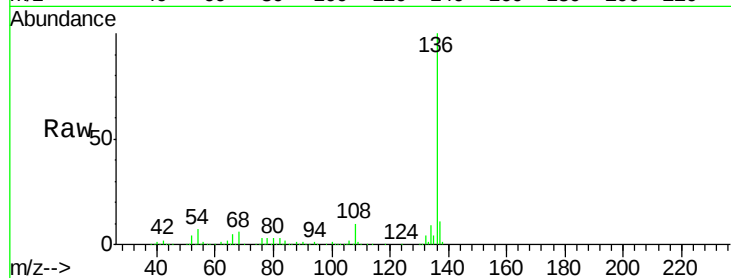
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.1 6.3 9.5

68 5.6 5.0 7.4

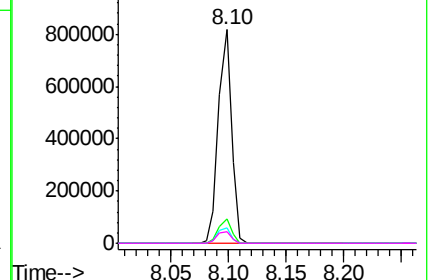
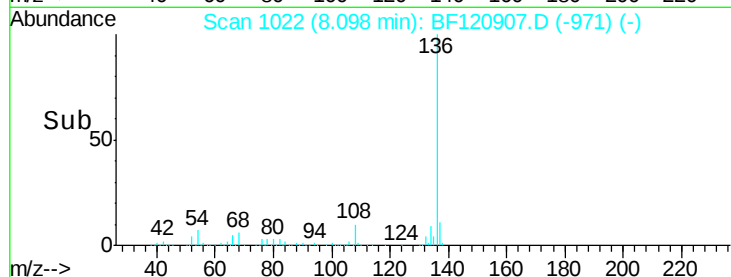


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.415 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

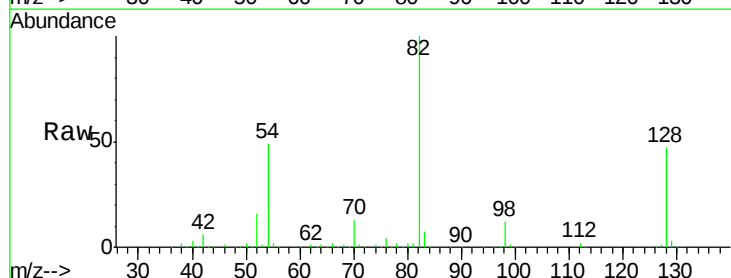
Tgt Ion: 82 Resp: 615035

Ion Ratio Lower Upper

82 100

128 47.5 38.2 57.4

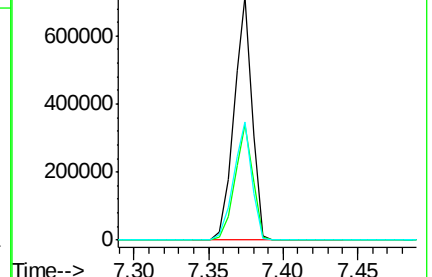
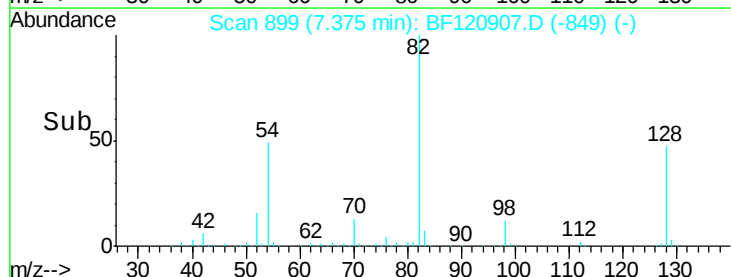
54 48.6 38.7 58.1

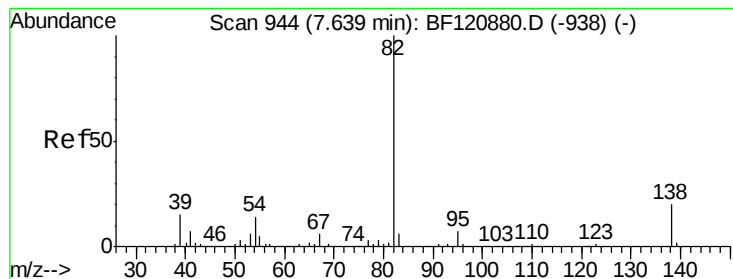


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 27.169 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

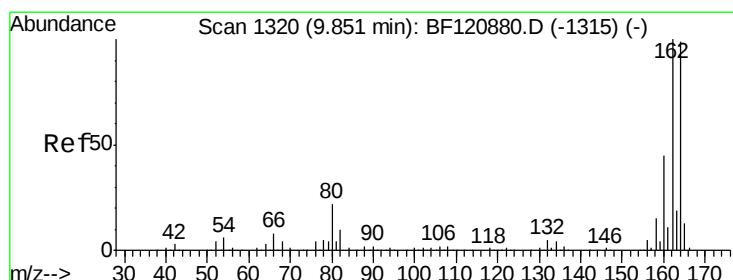
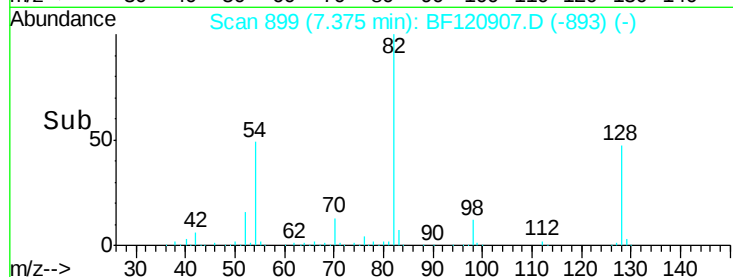
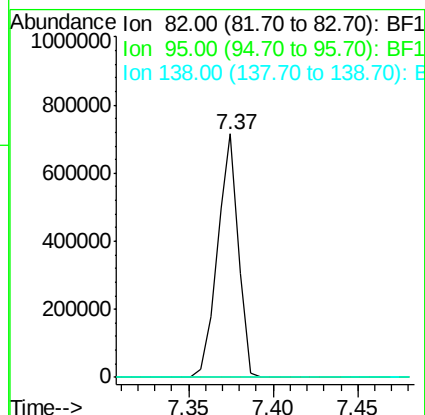
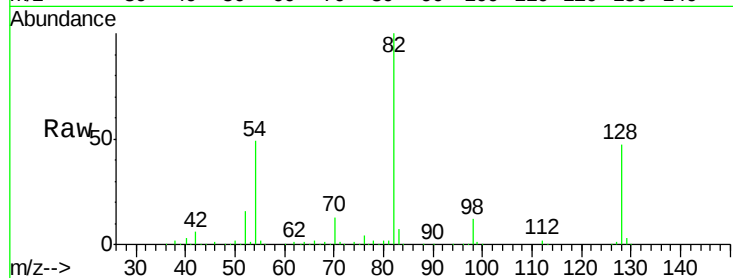
Tot Ion: 82 Resp: 612867

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

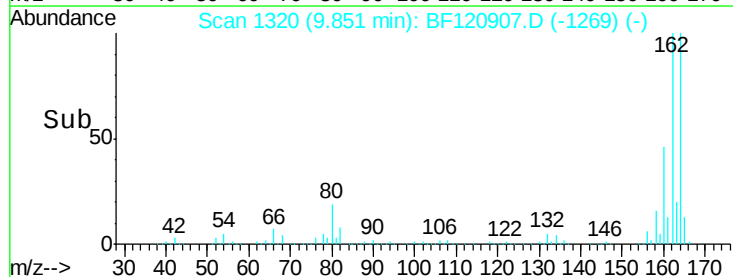
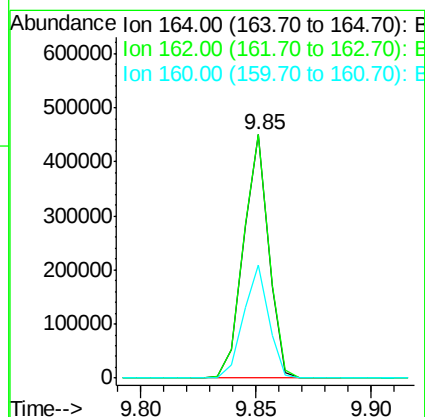
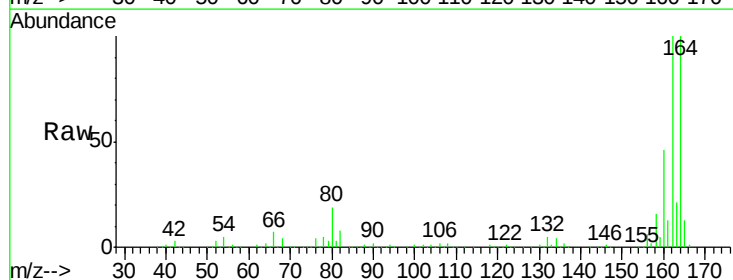
Tgt Ion: 164 Resp: 342080

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 46.3 36.9 55.3

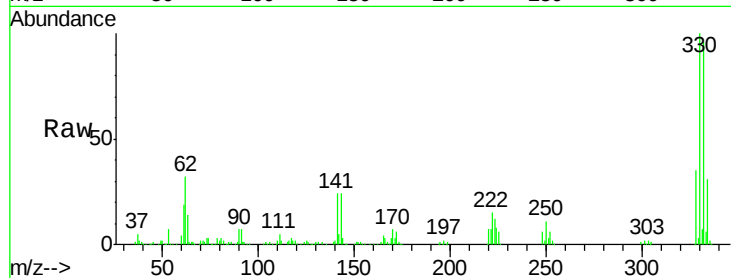




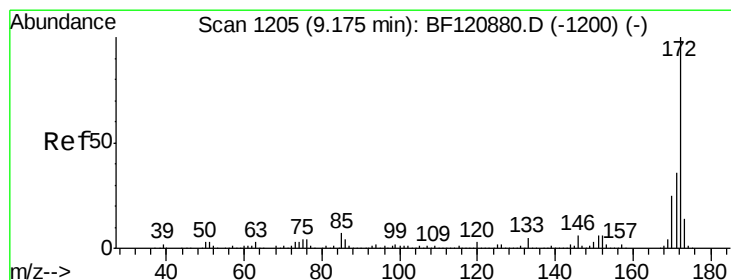
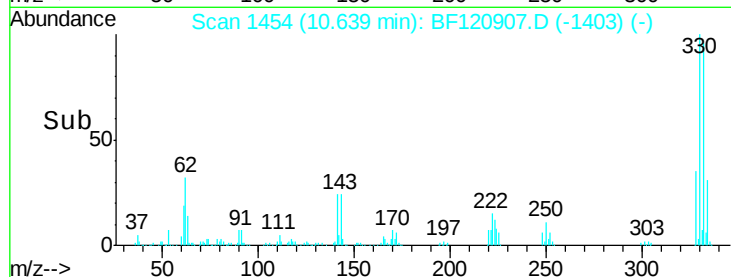
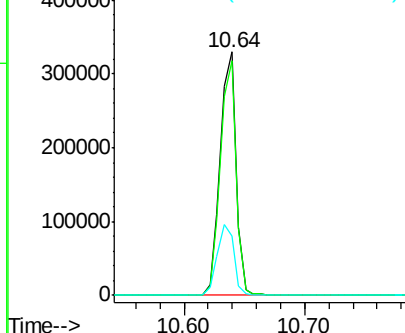
#42
 2,4,6-Tribromophenol
 Concen: 80.015 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Instrument :
 BNA_F
 ClientSampleId :
 15

Tot Ion:330 Resp: 299609
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.5 113.3
 141 30.3 25.7 38.5

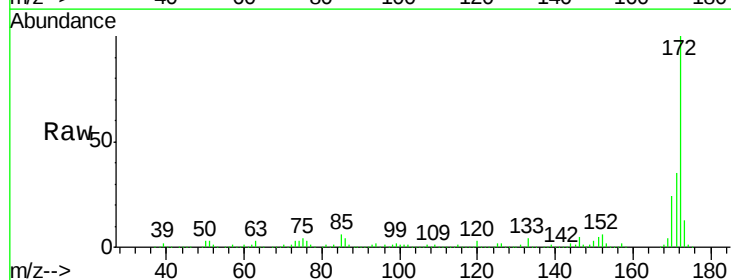


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

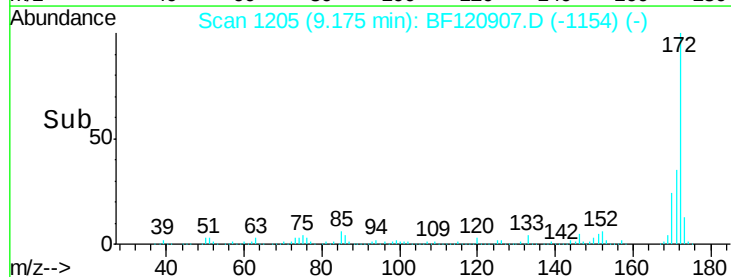
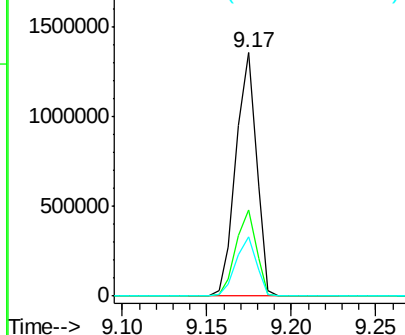


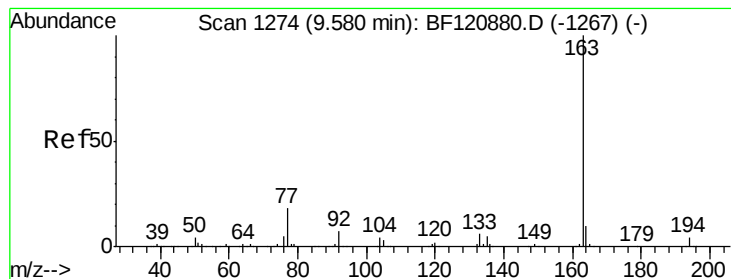
#45
 2-Fluorobiphenyl
 Concen: 50.376 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120907.D
 Acq: 17 Jul 2020 1:49

Tgt Ion:172 Resp: 1154189
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.4
 170 24.5 19.6 29.4



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: 12.237 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

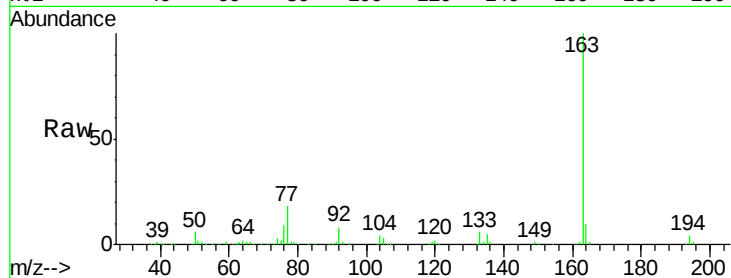
Tot Ion:163 Resp: 301996

Ion Ratio Lower Upper

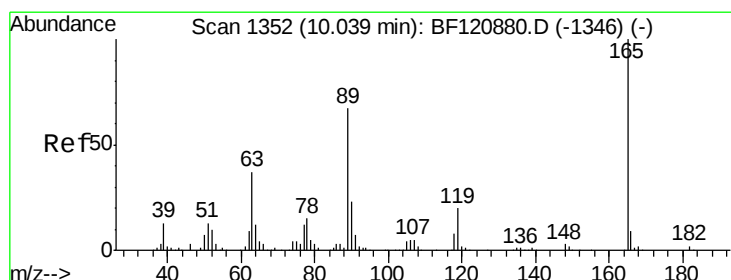
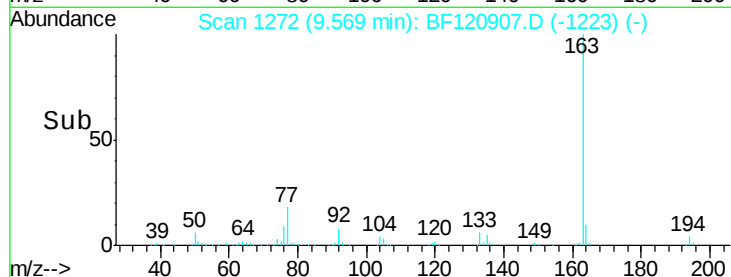
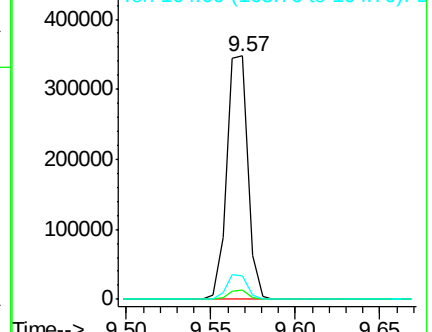
163 100

194 3.9 3.2 4.8

164 9.7 7.9 11.9



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: 6.351 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Tgt Ion:165 Resp: 44223

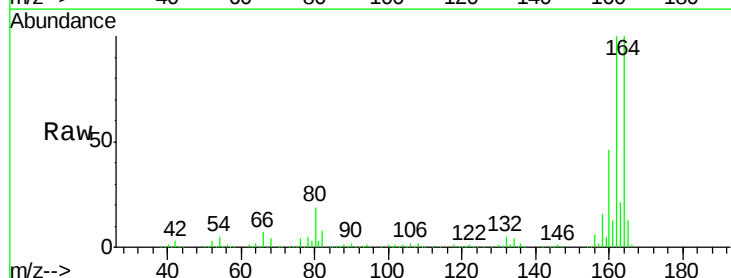
Ion Ratio Lower Upper

165 100

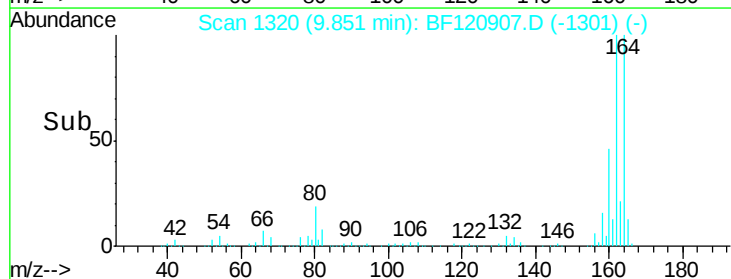
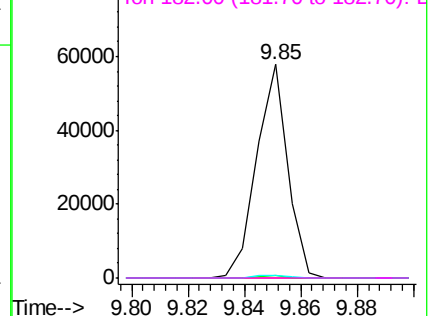
63 1.0 29.4 44.2#

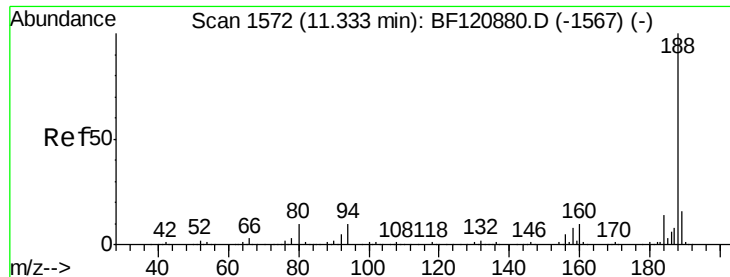
89 1.4 53.4 80.0#

182 0.0 1.8 2.6#



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

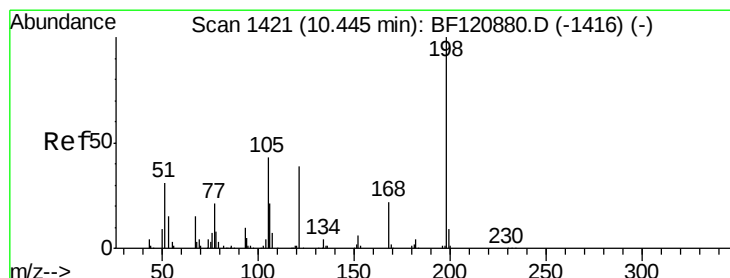
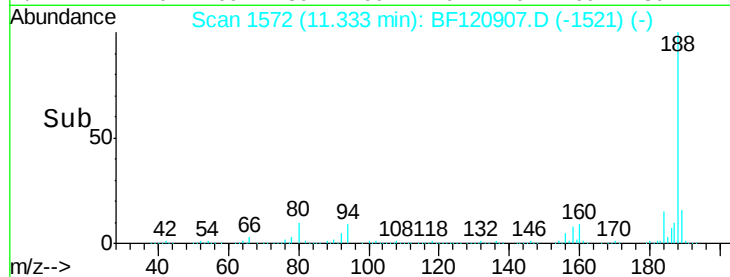
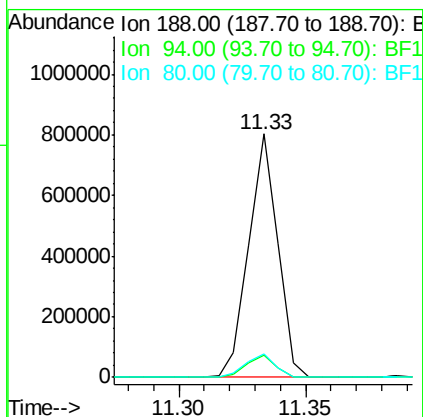
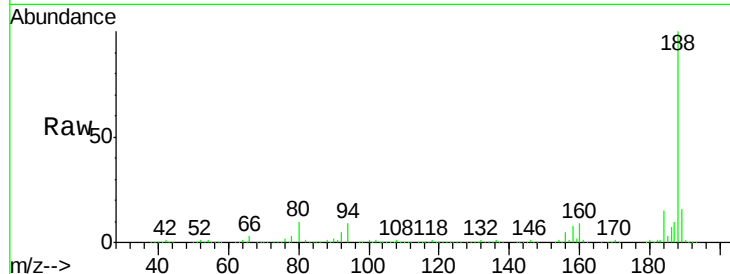




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

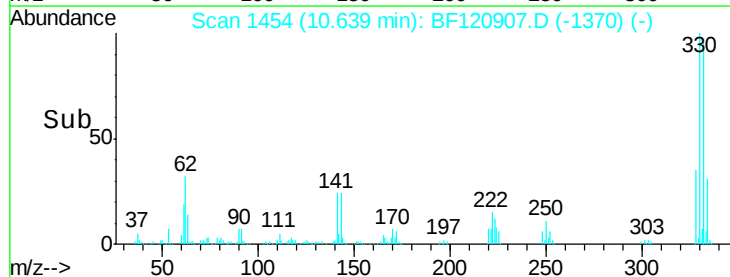
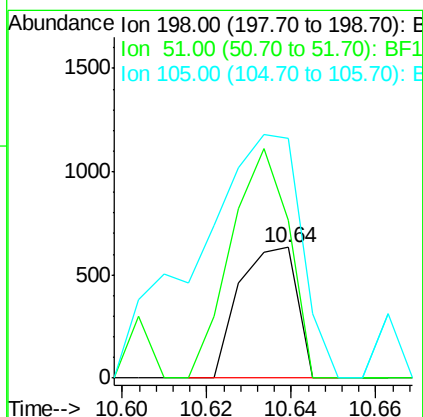
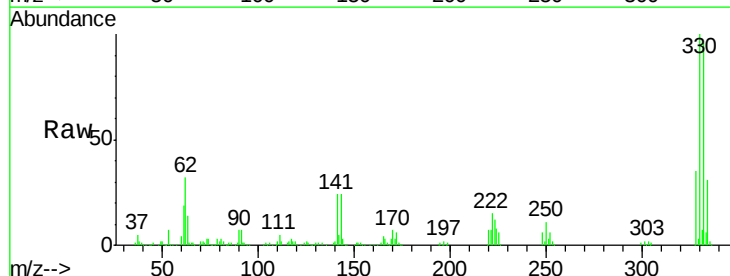
Instrument :
BNA_F
ClientSampleId :
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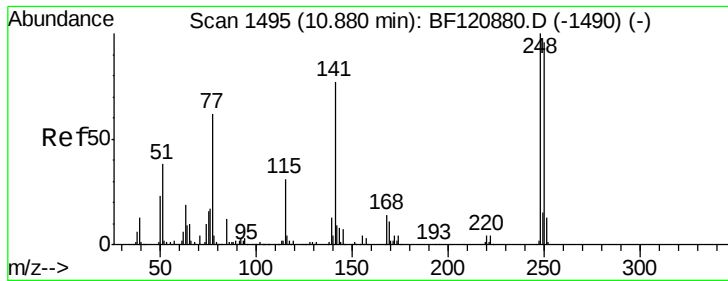
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.0	12.0
80	9.6	8.3	12.5



#65
4,6-Dinitro-2-methylphenol
Concen: 3.992 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.19 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	120.5	19.5	59.5#
105	183.0	24.4	64.4#

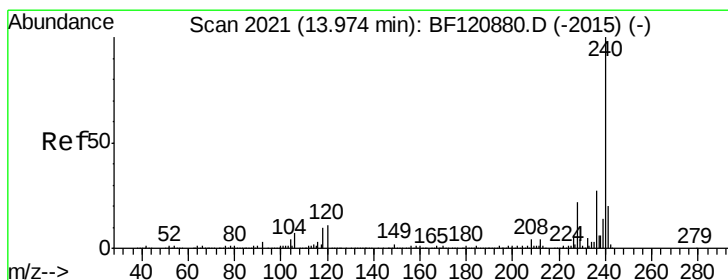
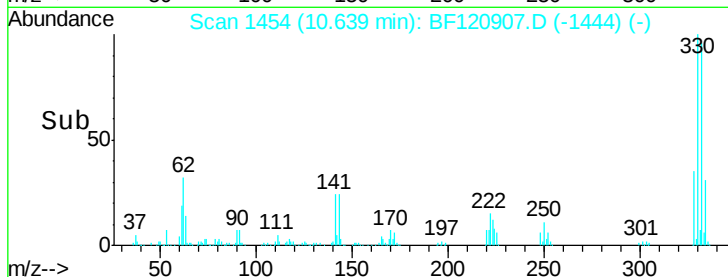
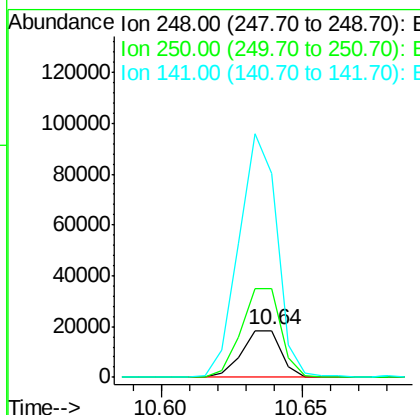
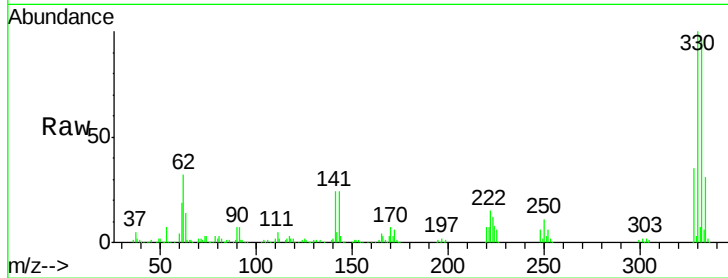




#67
4-Bromophenyl-phenylether
Concen: 2.496 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

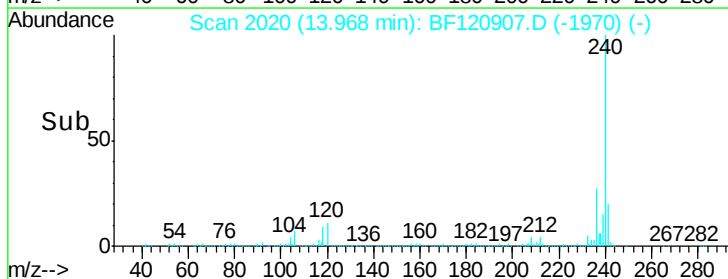
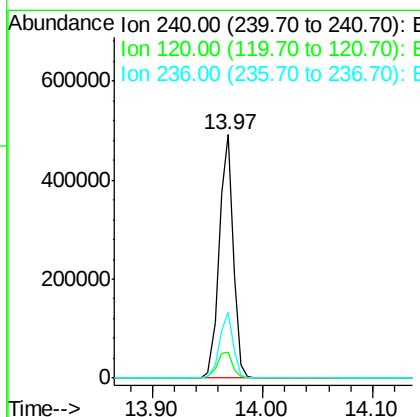
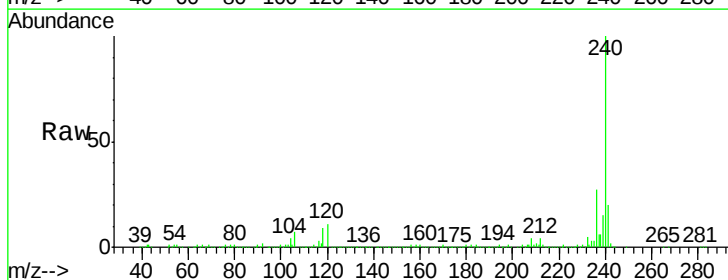
Instrument :
BNA_F
ClientSampleId :
15

Tot Ion:248 Resp: 17855
Ion Ratio Lower Upper
248 100
250 190.4 77.1 115.7#
141 438.7 61.2 91.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120907.D
Acq: 17 Jul 2020 1:49

Tgt Ion:240 Resp: 434874
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 26.8 21.7 32.5





#79

Terphenyl-d14

Concen: 56.820 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

Instrument :

BNA_F

ClientSampleId :

15

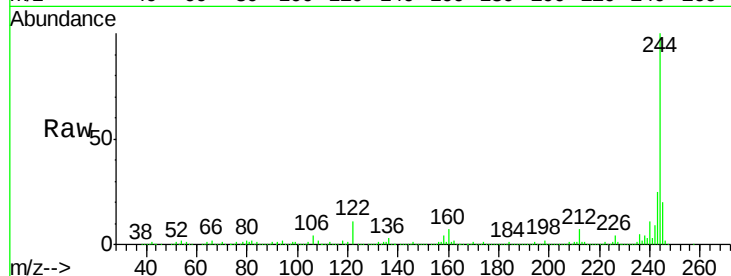
Tot Ion:244 Resp: 1136710

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

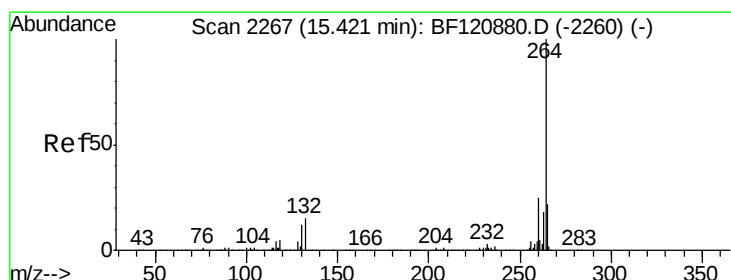
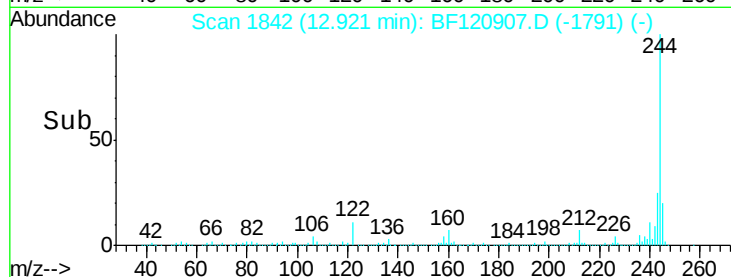
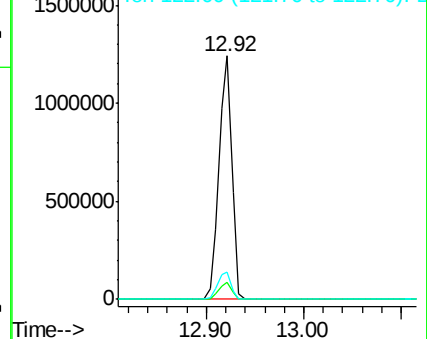
122 11.3 8.9 13.3



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF120907.D

Acq: 17 Jul 2020 1:49

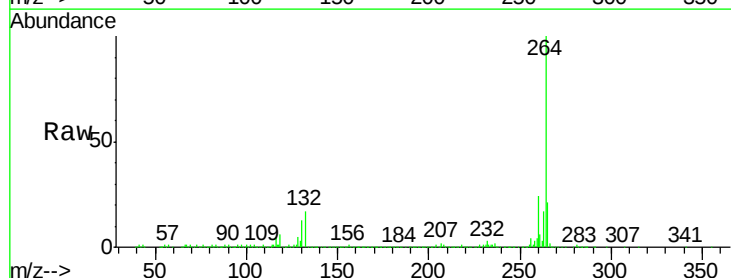
Tgt Ion:264 Resp: 390350

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 21.4 17.4 26.2



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

