

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071720\
 Data File : BF120916.D
 Acq On : 17 Jul 2020 12:02
 Operator : JU/CG
 Sample : L3308-22
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22

Quant Time: Jul 17 12:44:35 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

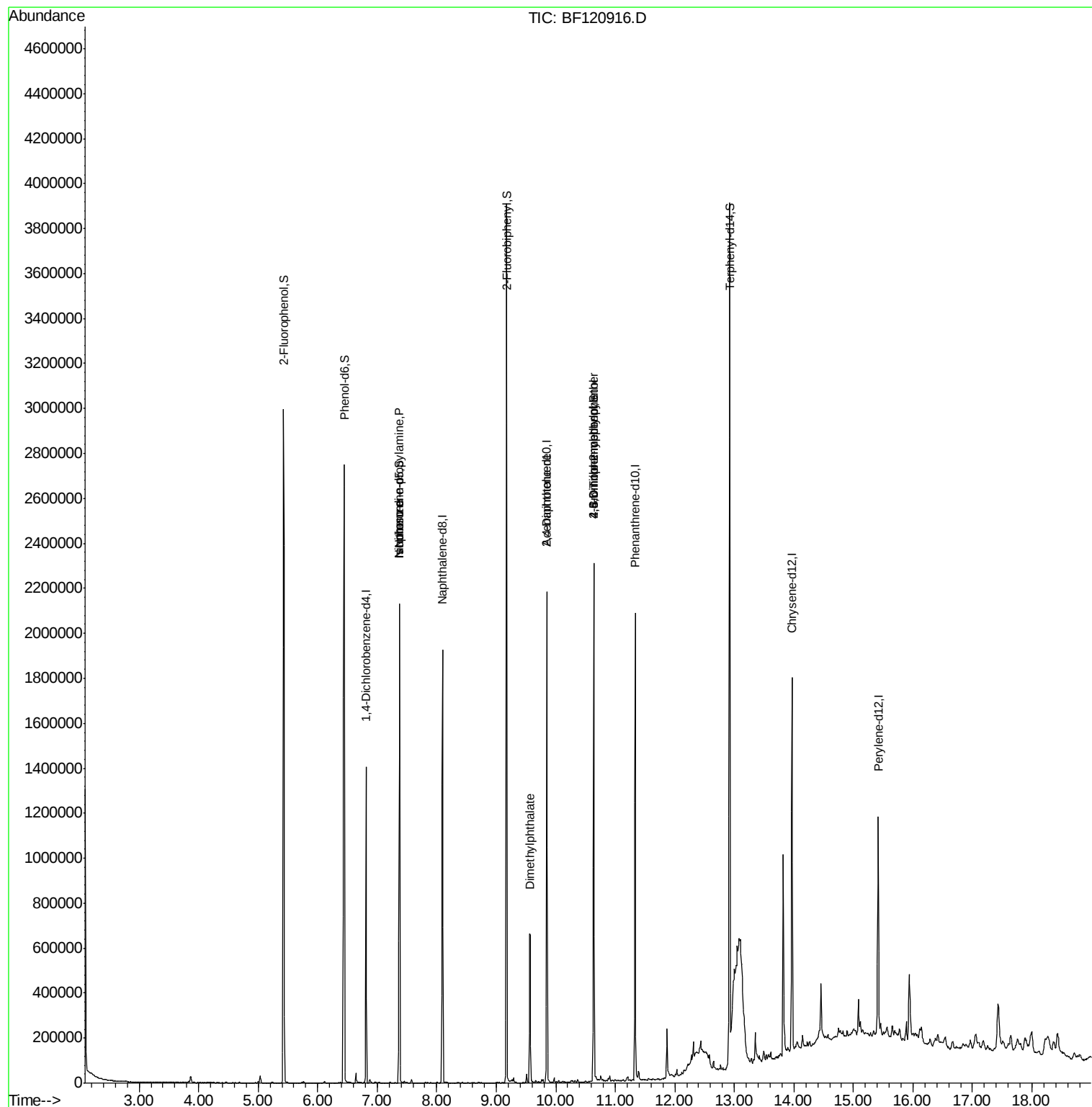
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	210348	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	796387	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	410107	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	769043	20.00	ng	0.00
76) Chrysene-d12	13.97	240	524924	20.00	ng	0.00
86) Perylene-d12	15.42	264	459807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	928263	72.34	ng	0.00
7) Phenol-d6	6.45	99	1128959	68.11	ng	0.00
23) Nitrobenzene-d5	7.37	82	688156	50.00	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	317729	70.78	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1220911	44.45	ng	0.00
79) Terphenyl-d14	12.92	244	1239104	51.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	321	Below Cal		Qvalue # 75
19) n-Nitroso-di-n-propylamine	7.37	70	91231	9.680	ng	# 78
25) Isophorone	7.37	82	684239	24.910	ng	# 63
50) Dimethylphthalate	9.57	163	289737	9.793	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	52924	6.340	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.64	198	684	3.984	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	18448	2.152	ng	# 1

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

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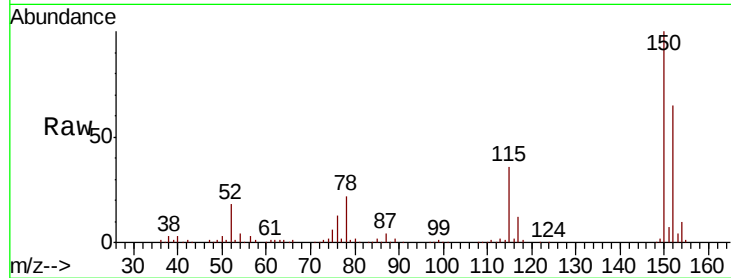


#1

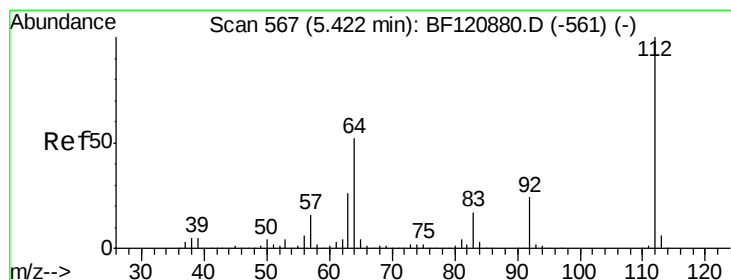
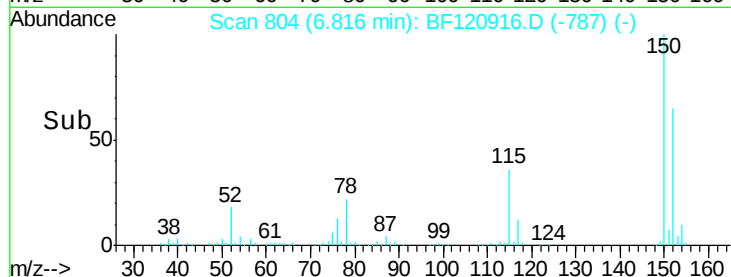
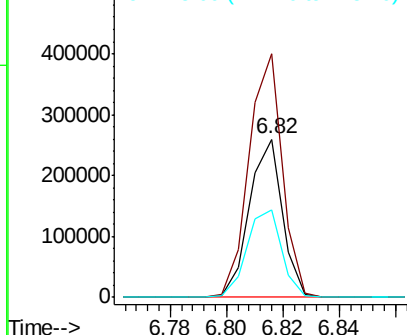
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

Tot Ion:152 Resp: 210348
Ion Ratio Lower Upper
152 100
150 153.6 125.0 187.6
115 55.5 47.0 70.4



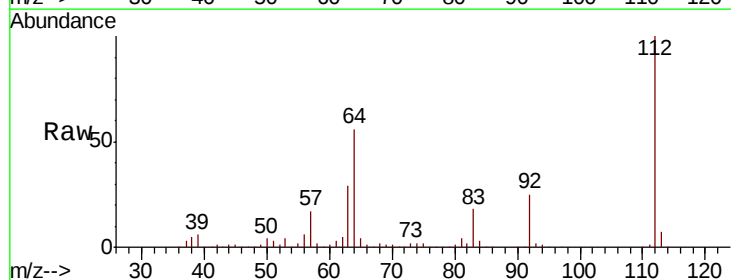
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



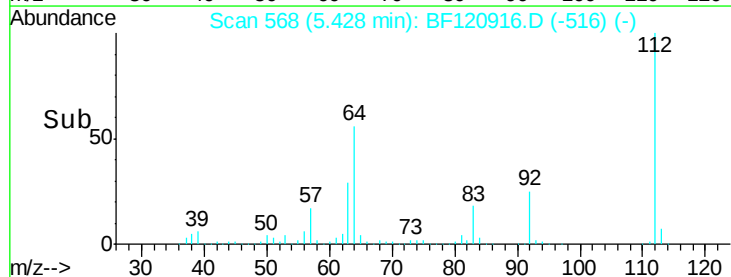
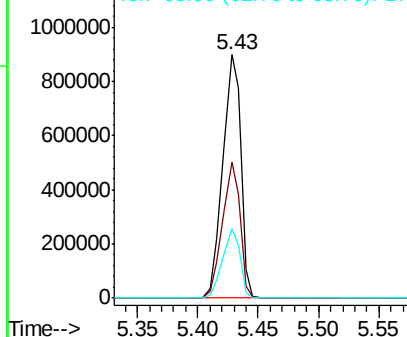
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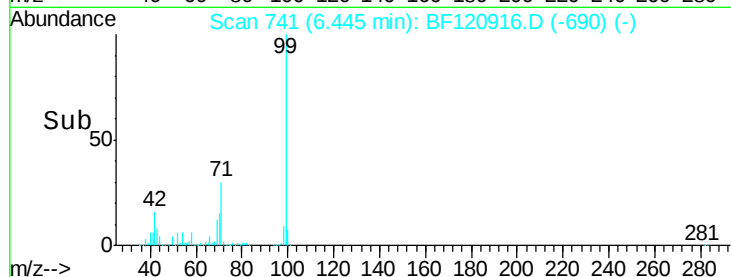
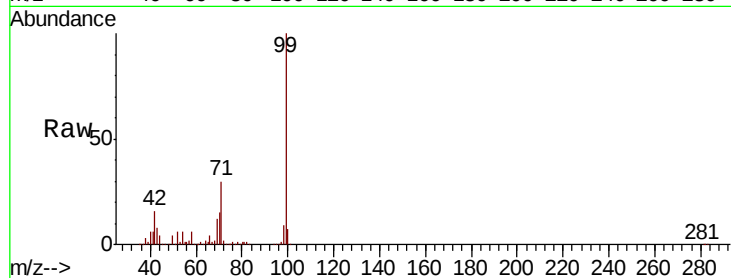
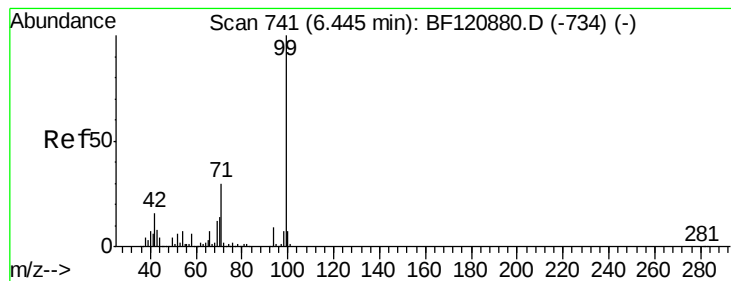
2-Fluorophenol
Concen: 72.345 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Tgt Ion:112 Resp: 928263
Ion Ratio Lower Upper
112 100
64 55.9 41.3 61.9
63 28.7 21.1 31.7



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: 68.114 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampled :

22

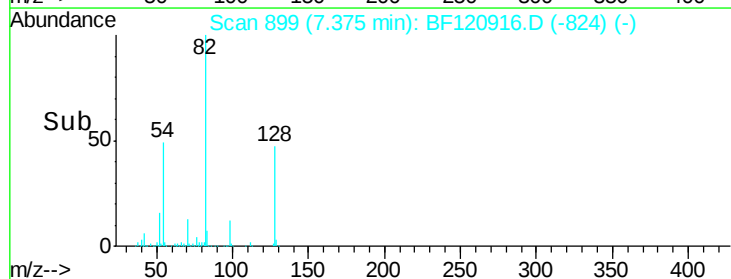
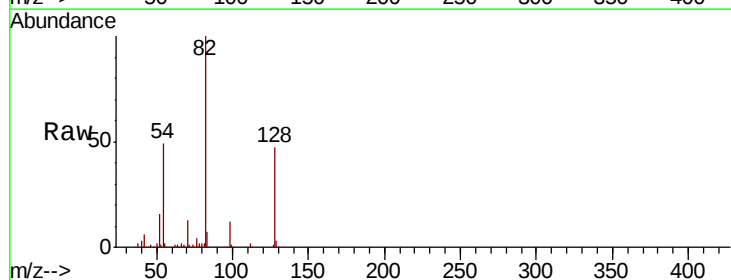
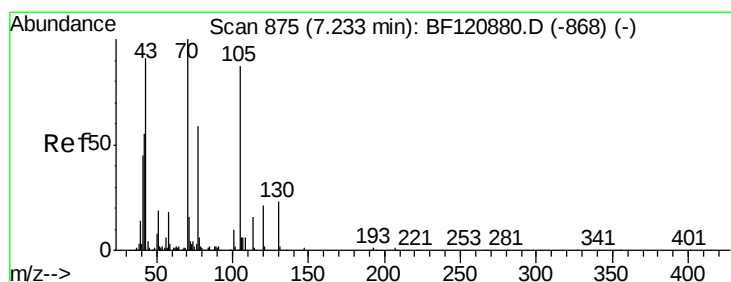
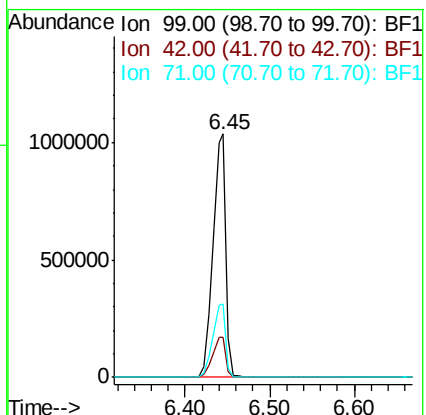
Tot Ion: 99 Resp: 1128959

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 30.1 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 9.680 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Tgt Ion: 70 Resp: 91231

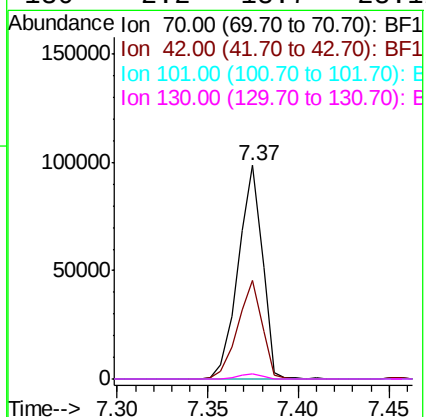
Ion Ratio Lower Upper

70 100

42 46.3 44.0 66.0

101 0.0 7.8 11.6#

130 2.2 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampleId :

22

Tot Ion:136 Resp: 796387

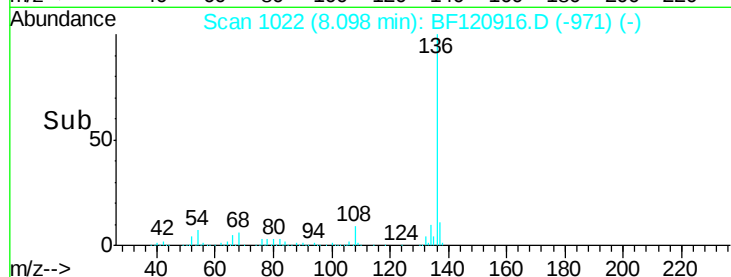
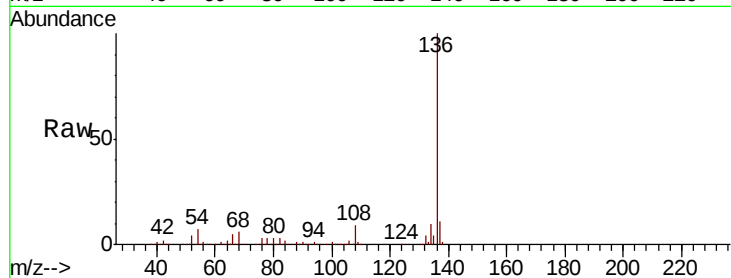
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 7.1 6.3 9.5

68 5.8 5.0 7.4

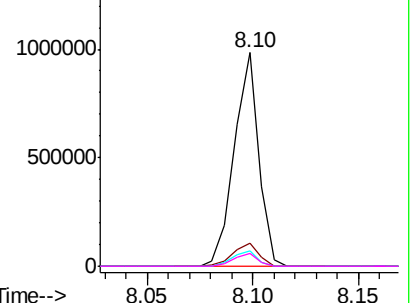


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 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: 49.999 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

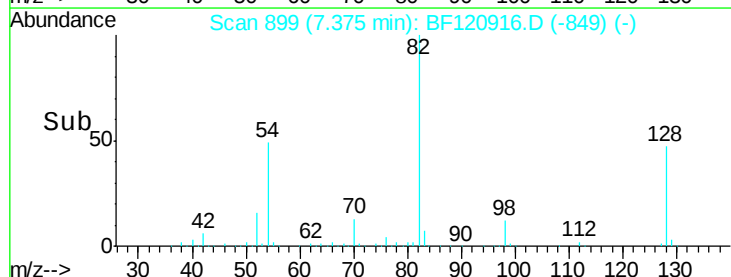
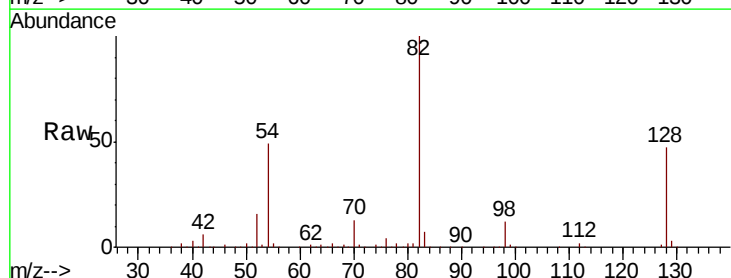
Tgt Ion: 82 Resp: 688156

Ion Ratio Lower Upper

82 100

128 46.9 38.2 57.4

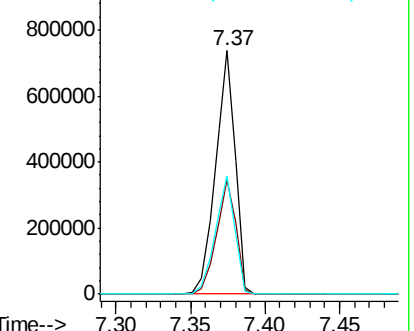
54 48.6 38.7 58.1



Abundance Ion 82.00 (81.70 to 82.70): BF1

1000000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 24.910 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampleId :

22

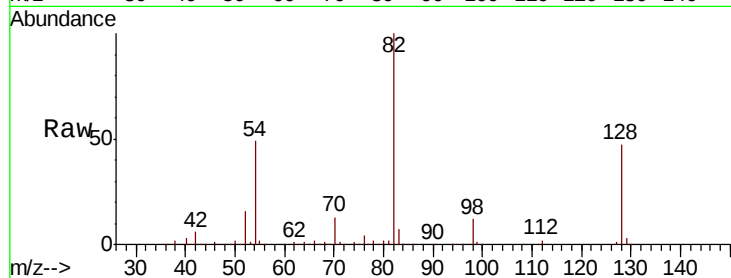
Tot Ion: 82 Resp: 684239

Ion Ratio Lower Upper

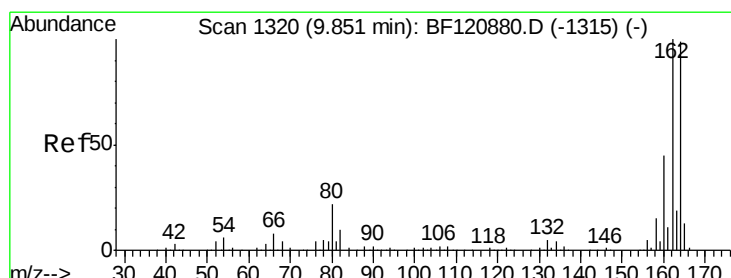
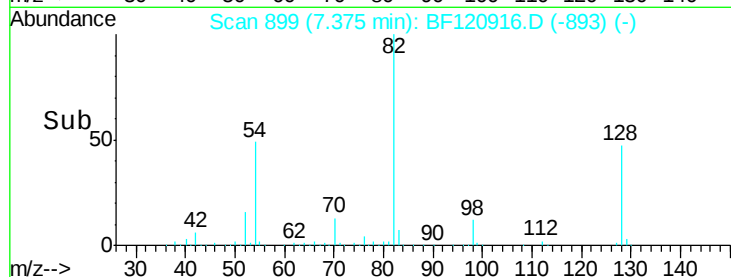
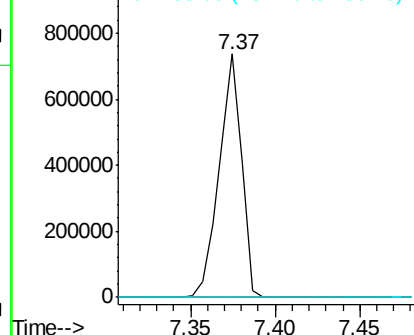
82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



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: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

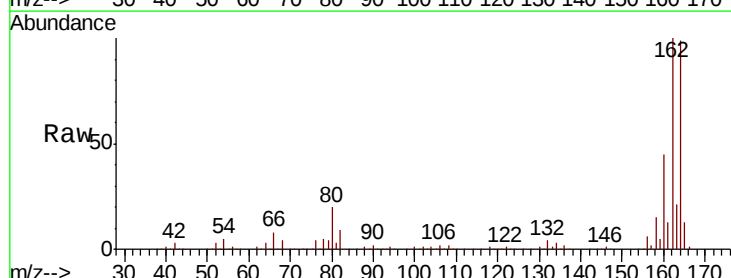
Tgt Ion:164 Resp: 410107

Ion Ratio Lower Upper

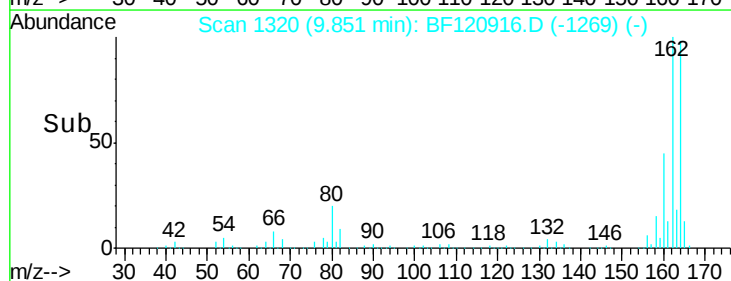
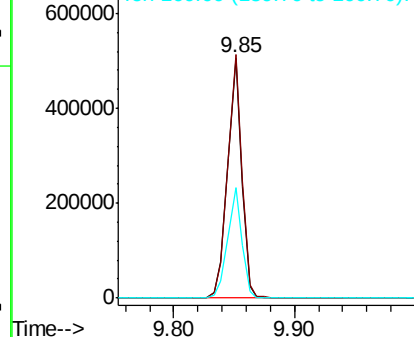
164 100

162 101.5 81.2 121.8

160 46.2 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

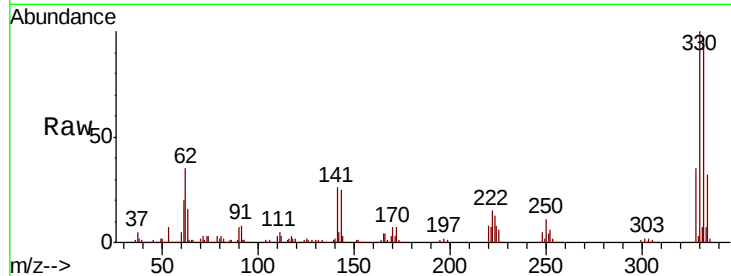




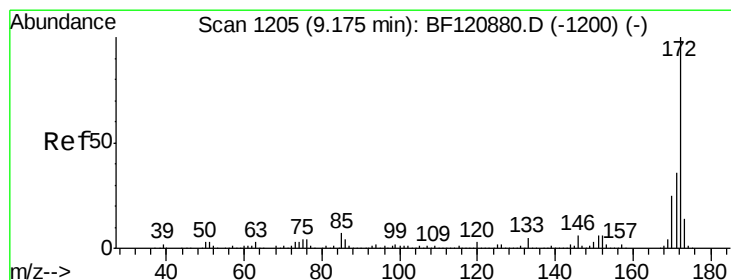
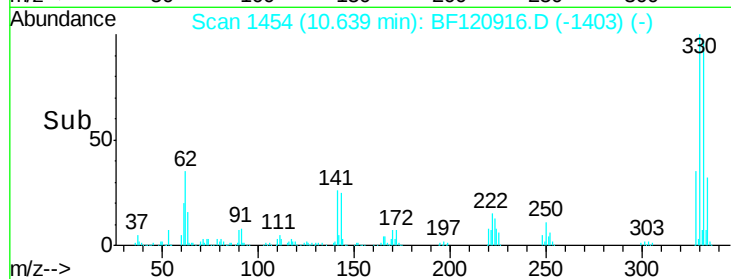
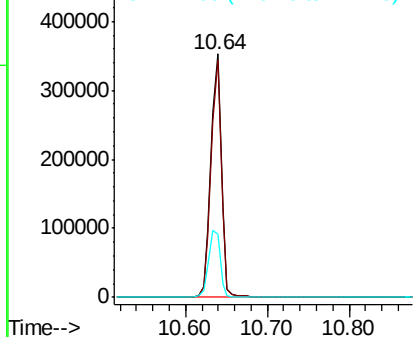
#42
 2,4,6-Tribromophenol
 Concen: 70.779 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

Instrument :
 BNA_F
 ClientSampled :
 22

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.5	113.3
141	30.4	25.7	38.5

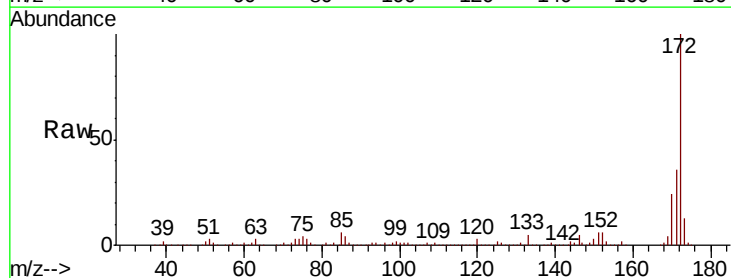


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

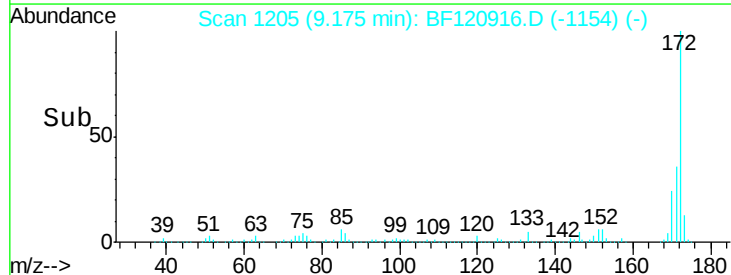
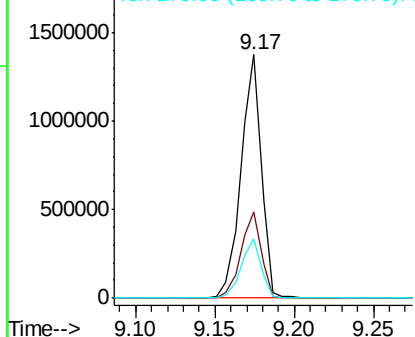


#45
 2-Fluorobiphenyl
 Concen: 44.449 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	24.4	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

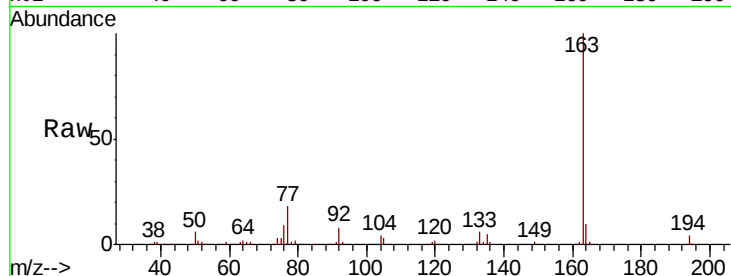




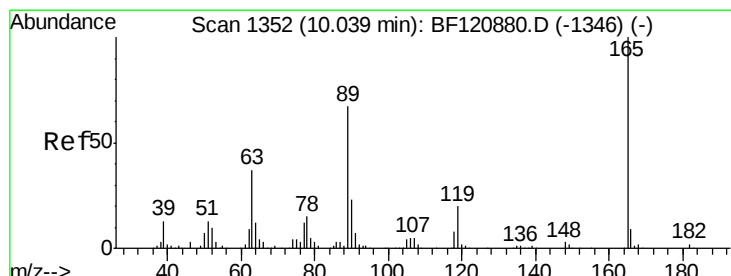
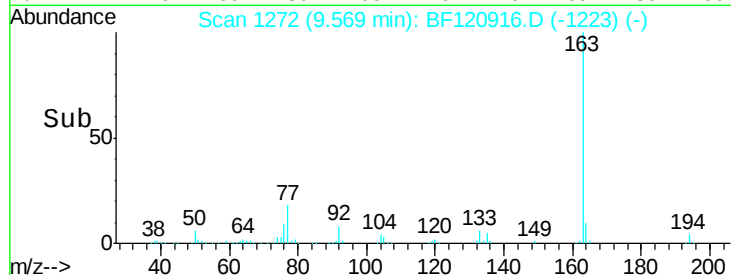
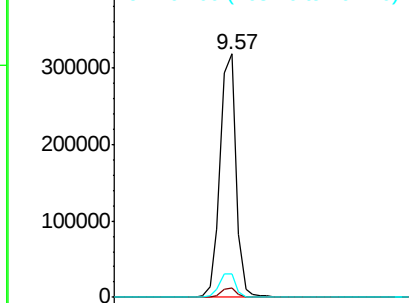
#50
Dimethylphthalate
Concen: 9.793 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	7.9	11.9

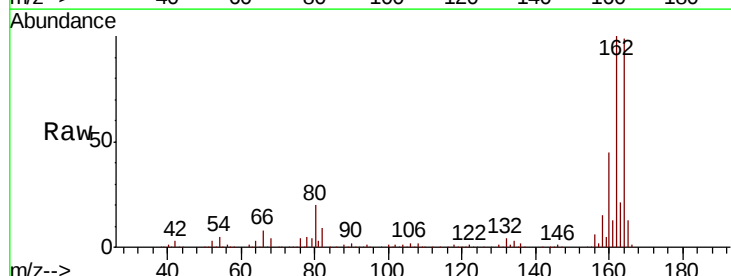


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

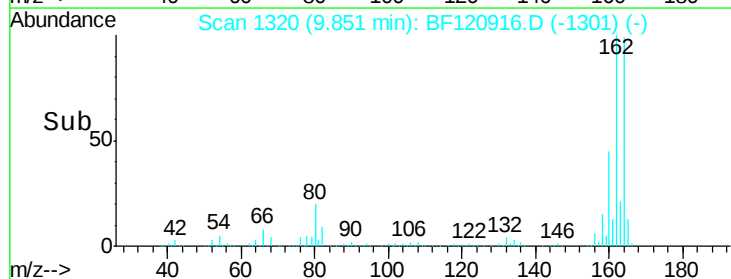
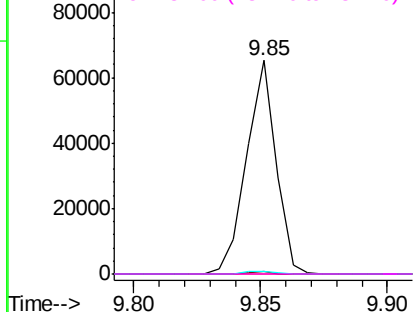


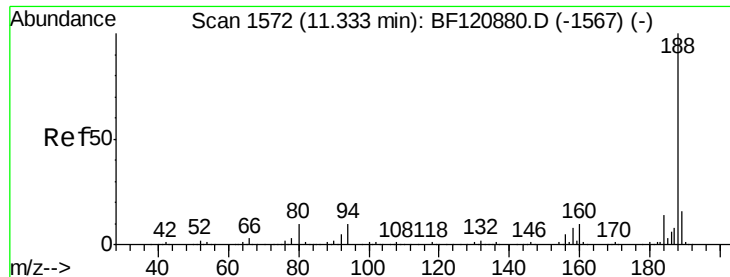
#57
2,4-Dinitrotoluene
Concen: 6.340 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.4	44.2#
89	1.1	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

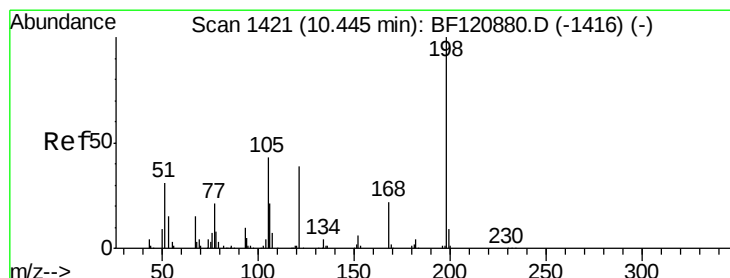
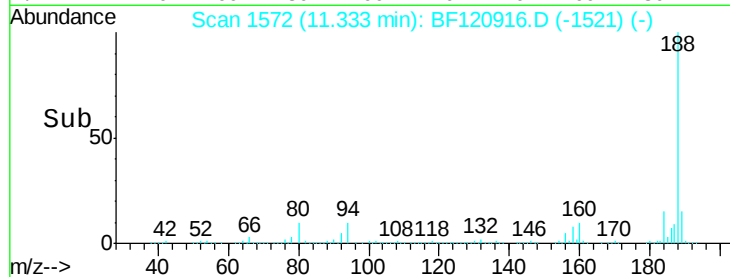
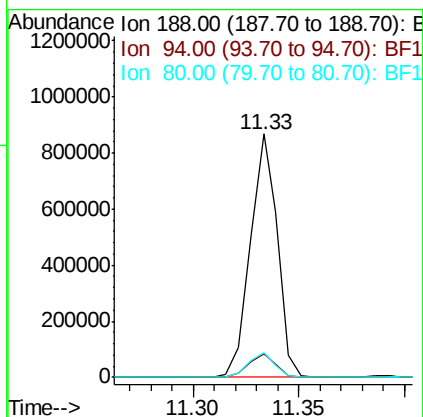
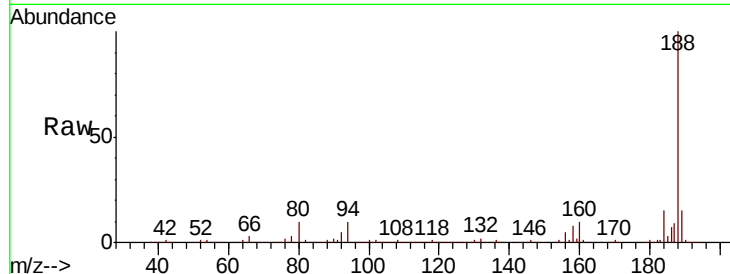




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

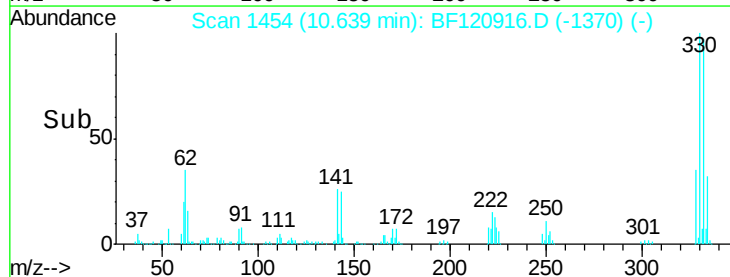
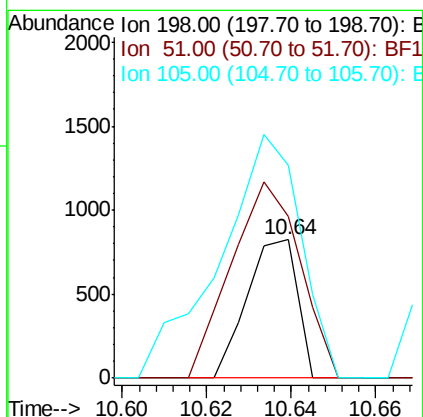
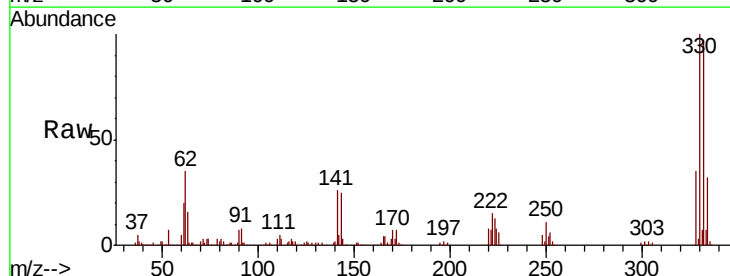
Instrument :
 BNA_F
 ClientSampled :
 22

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.2	8.3	12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 3.984 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF120916.D
 Acq: 17 Jul 2020 12:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	117.4	19.5	59.5#
105	154.0	24.4	64.4#

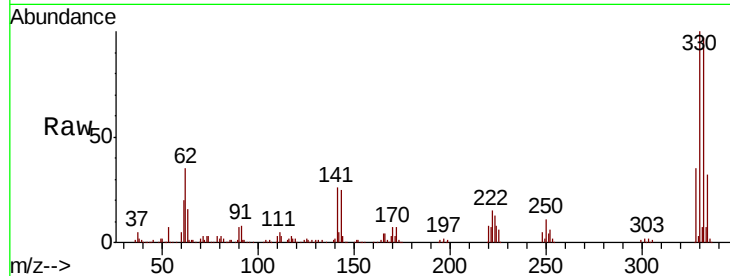




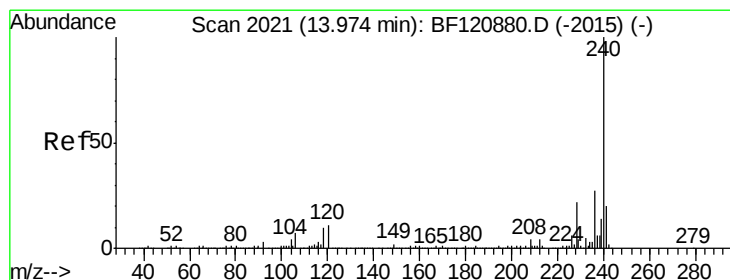
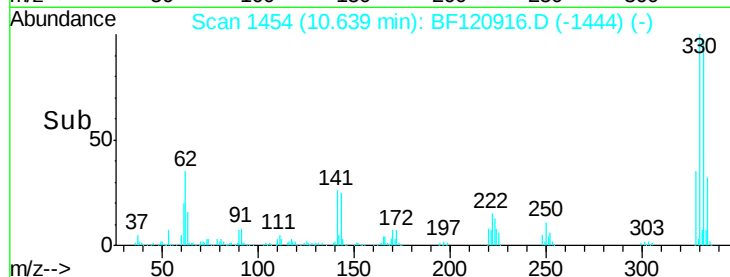
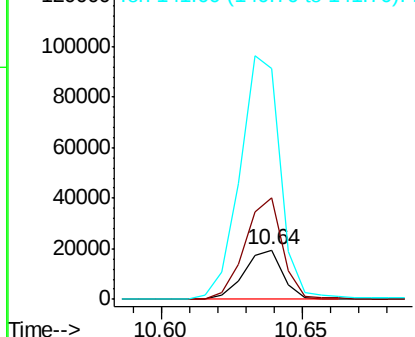
#67
4-Bromophenyl-phenylether
Concen: 2.152 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Instrument :
BNA_F
ClientSampleId :
22

Tot Ion:248 Resp: 18448
Ion Ratio Lower Upper
248 100
250 206.1 77.1 115.7#
141 470.1 61.2 91.8#

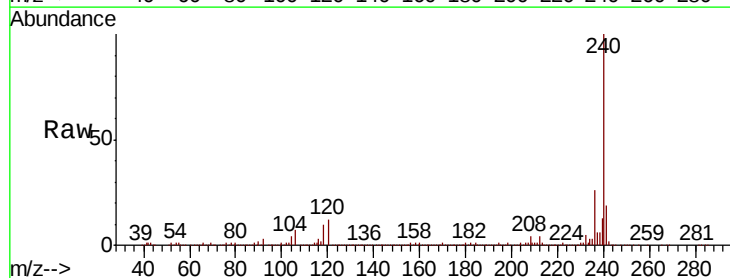


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

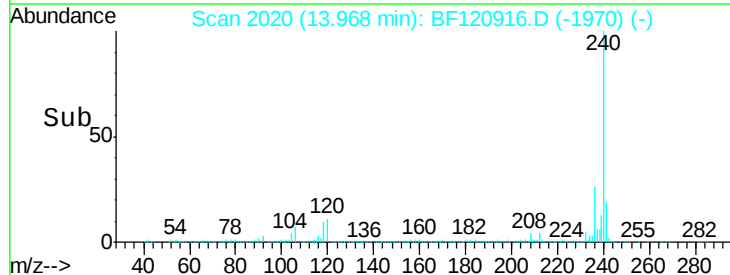
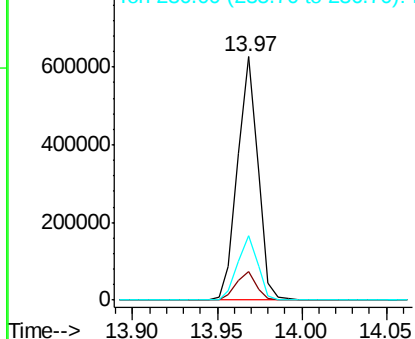


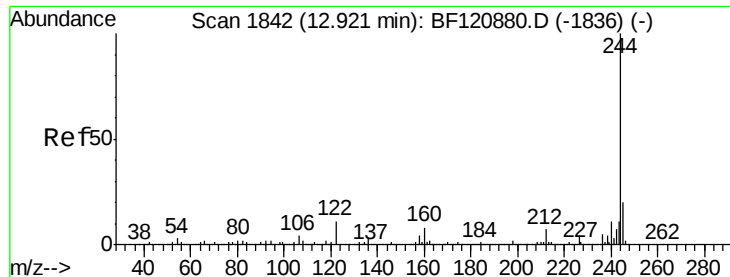
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120916.D
Acq: 17 Jul 2020 12:02

Tgt Ion:240 Resp: 524924
Ion Ratio Lower Upper
240 100
120 11.5 9.0 13.4
236 26.3 21.7 32.5



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: 51.313 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF120916.D

Acq: 17 Jul 2020 12:02

Instrument :

BNA_F

ClientSampleId :

22

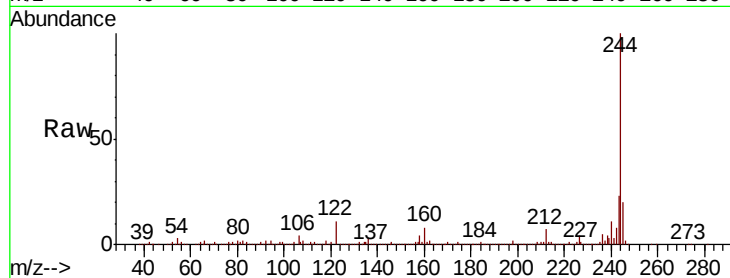
Tot Ion:244 Resp: 1239104

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

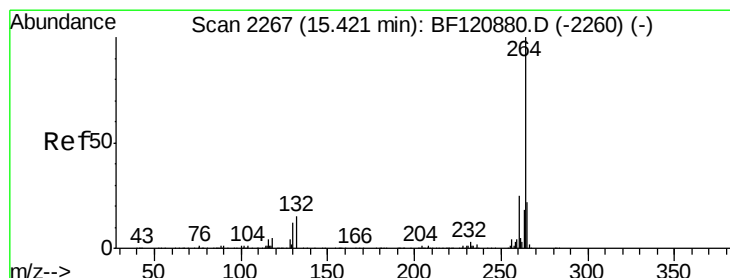
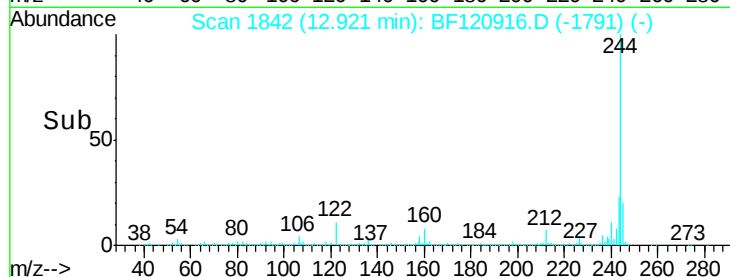
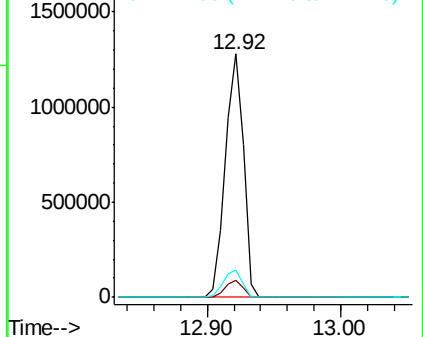
122 11.2 8.9 13.3



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: BF120916.D

Acq: 17 Jul 2020 12:02

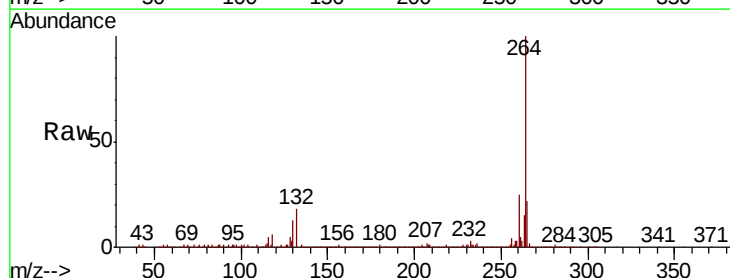
Tgt Ion:264 Resp: 459807

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 21.6 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

