

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042720\
 Data File : BF120224.D
 Acq On : 27 Apr 2020 17:38
 Operator : MA/SJ
 Sample : L2405-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 28 01:10:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 12:17:15 2020
 Response via : Initial Calibration

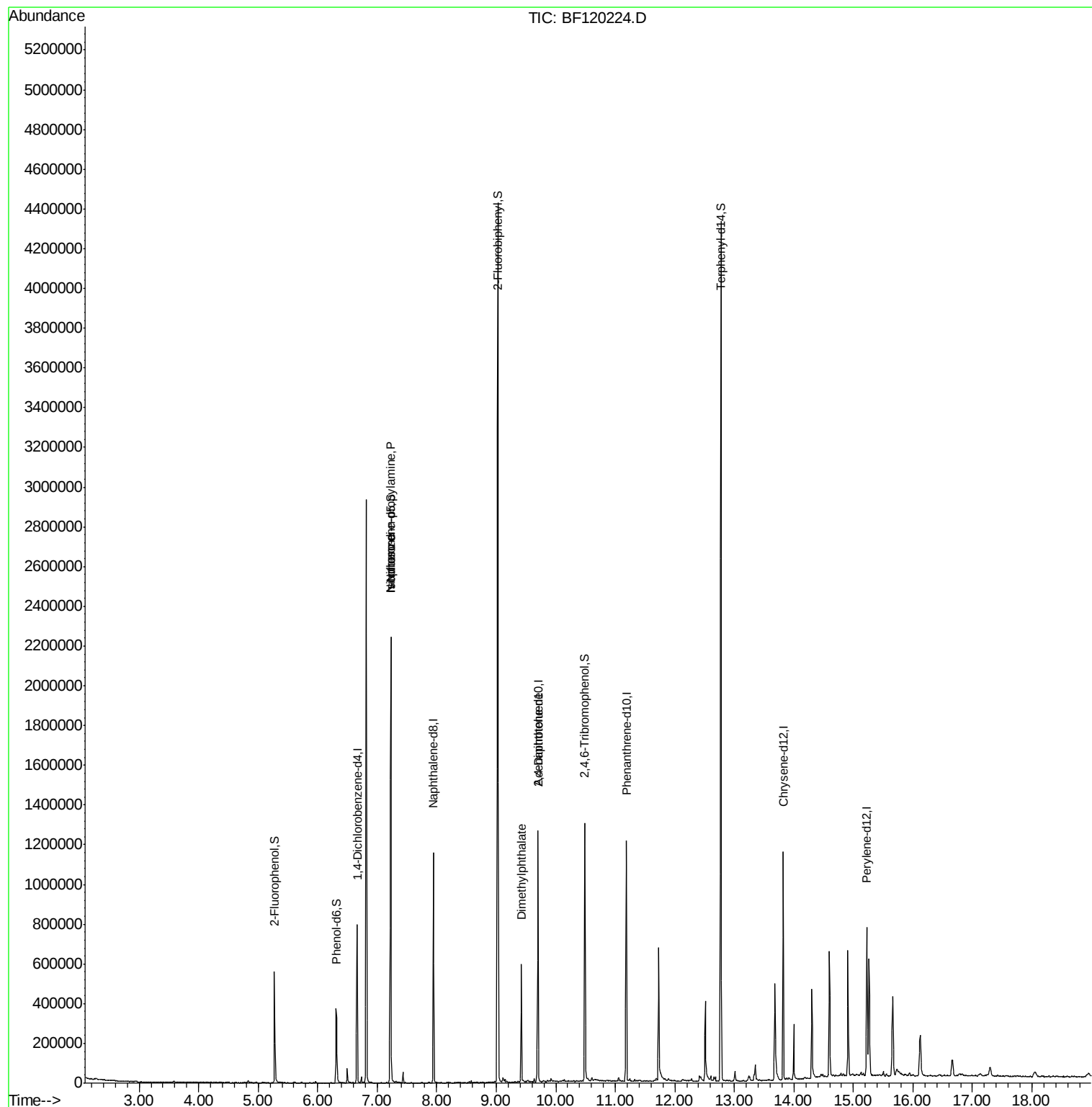
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	128101	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	491193	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	250081	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	454339	20.00	ng	0.00
76) Chrysene-d12	13.82	240	370626	20.00	ng	-0.02
87) Perylene-d12	15.23	264	309058	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	154119	20.79	ng	0.00
7) Phenol-d6	6.31	99	132175	13.84	ng	-0.02
23) Nitrobenzene-d5	7.23	82	758233	79.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	157879	51.56	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1422300	80.75	ng	0.00
79) Terphenyl-d14	12.78	244	1714310	77.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	136	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.23	70	99074	16.131	ng	# 77
25) Isophorone	7.23	82	758224	41.426	ng	# 65
50) Dimethylphthalate	9.42	163	218994	11.321	ng	99
57) 2,4-Dinitrotoluene	9.70	165	32716	5.862	ng	# 20

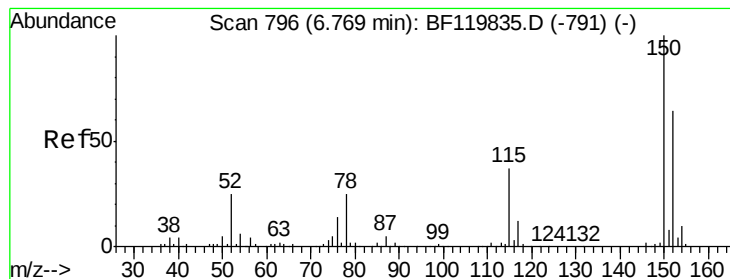
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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BNA_F
ClientSampleId :

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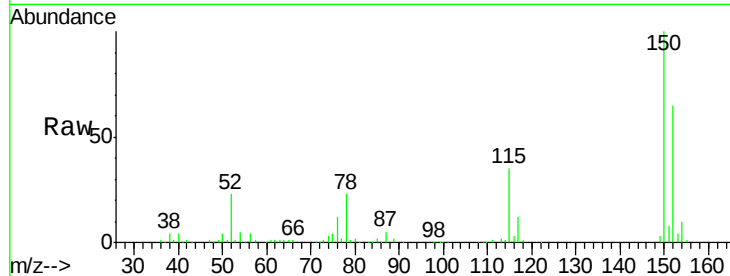


#1

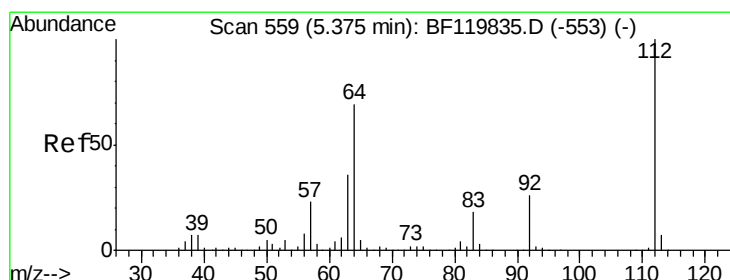
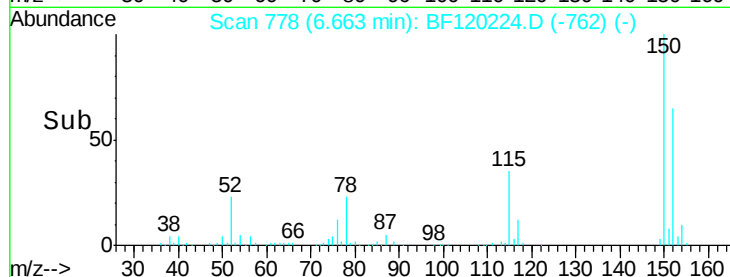
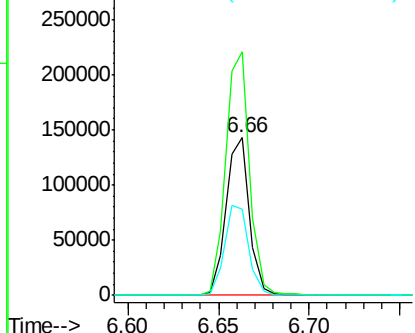
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 128101
Ion Ratio Lower Upper
152 100
150 154.8 124.5 186.7
115 54.6 49.6 74.4



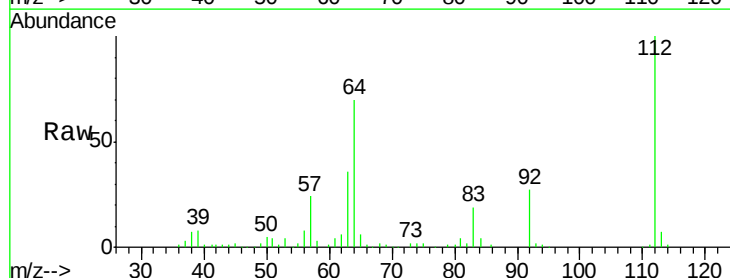
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



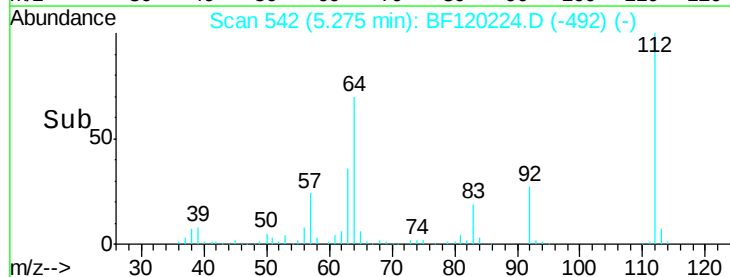
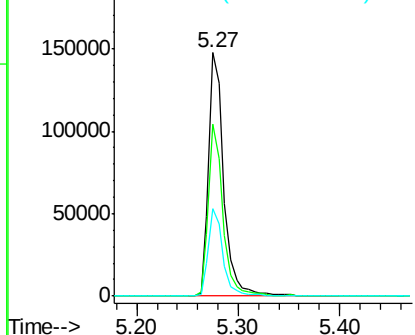
#5

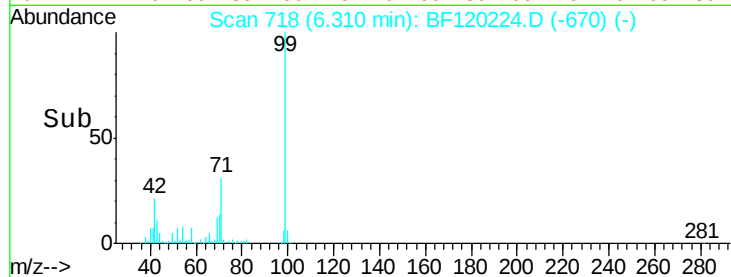
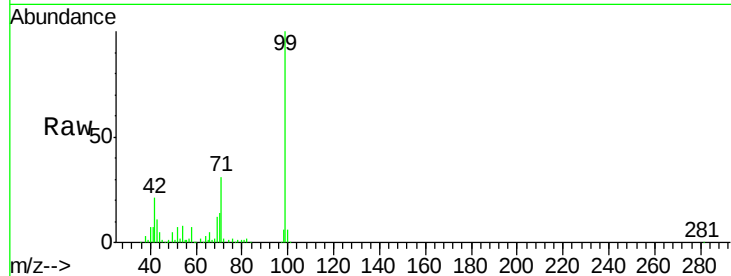
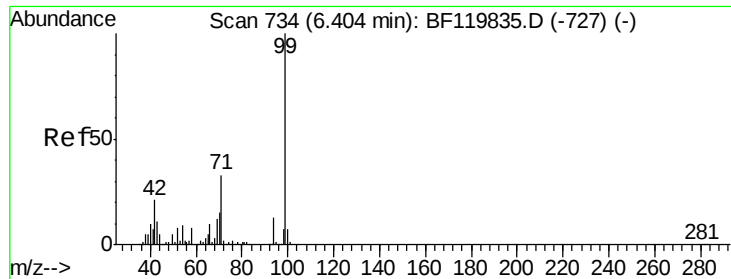
2-Fluorophenol
Concen: 20.792 ng
RT: 5.27 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Tgt Ion:112 Resp: 154119
Ion Ratio Lower Upper
112 100
64 70.5 56.7 85.1
63 35.9 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: 13.838 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

Instrument :

BNA_F

ClientSampleId :

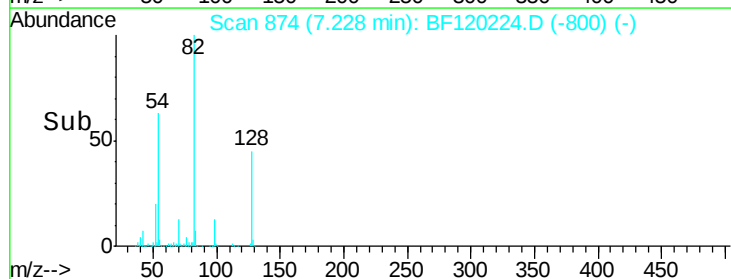
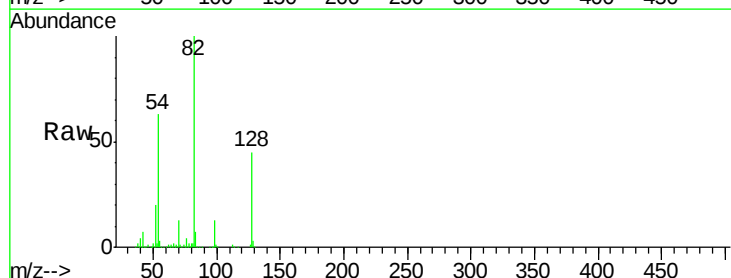
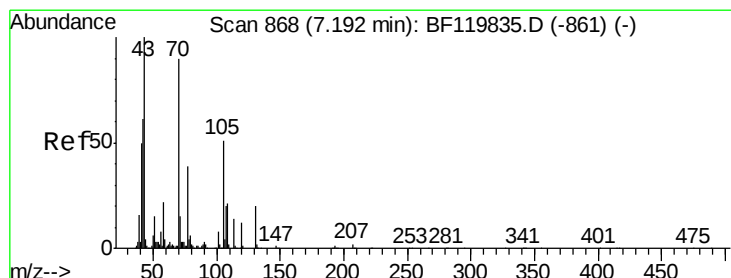
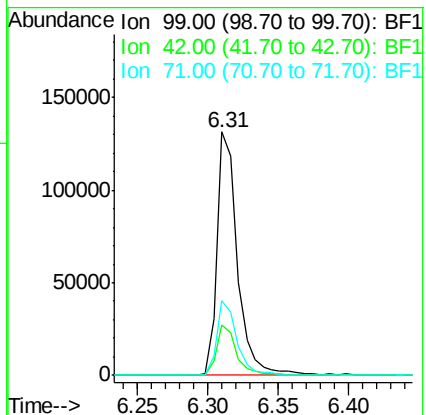
Tot Ion: 99 Resp: 132175

Ion Ratio Lower Upper

99 100

42 20.7 16.6 24.8

71 30.7 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.131 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

Tgt Ion: 70 Resp: 99074

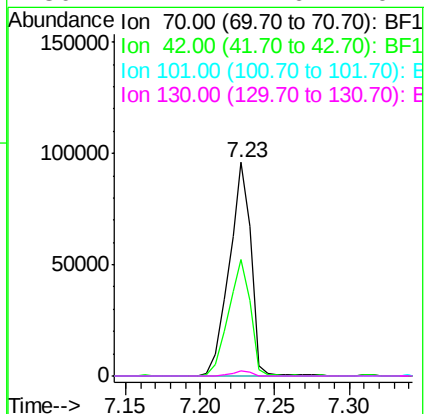
Ion Ratio Lower Upper

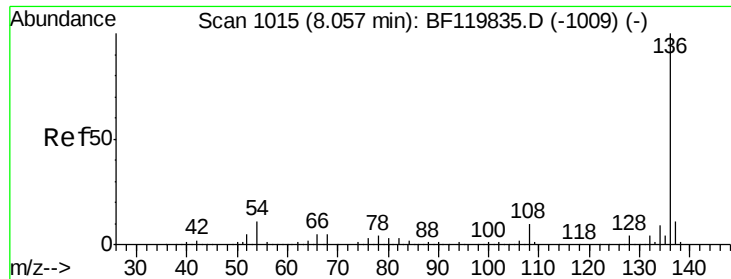
70 100

42 54.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

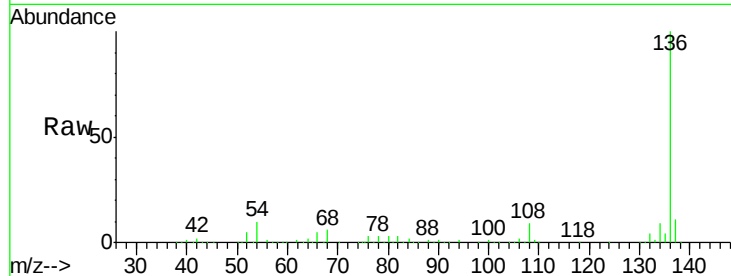




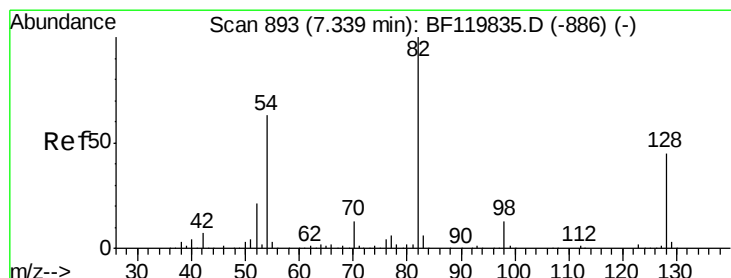
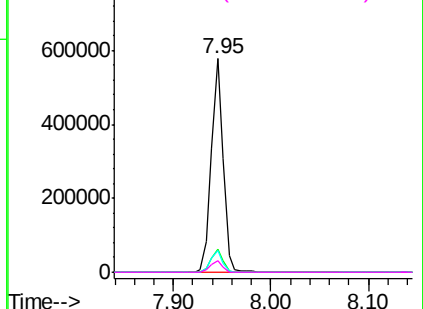
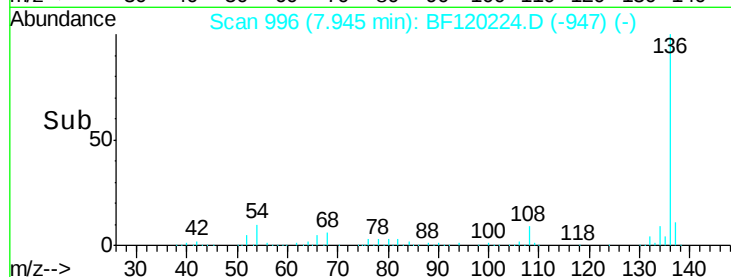
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	491193
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.0	9.1	13.7
68	5.5	4.6	6.8

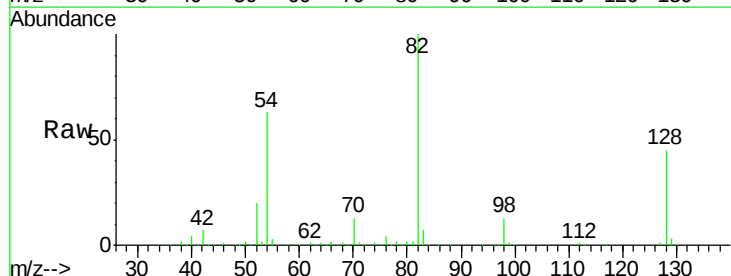


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

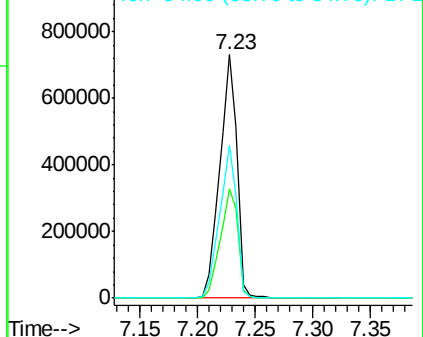
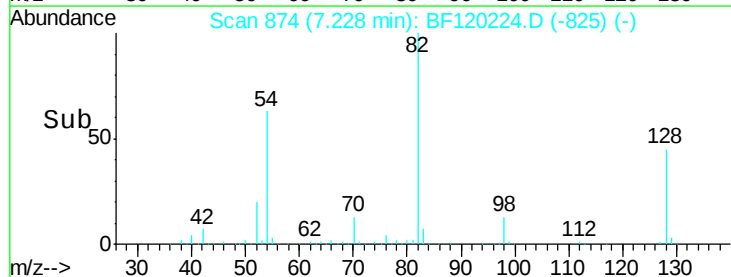


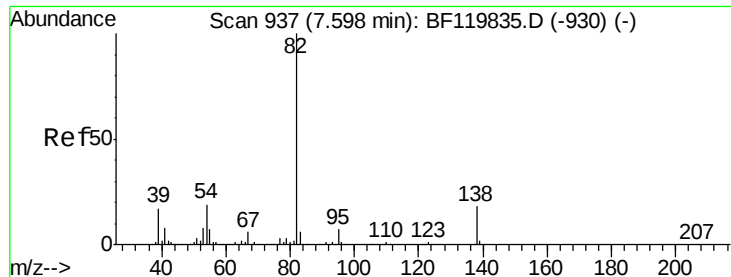
#23
Nitrobenzene-d5
Concen: 79.859 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Tgt Ion:	82	Resp:	758233
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.3	54.5
54	62.6	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: 41.426 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

Instrument :

BNA_F

ClientSampled :

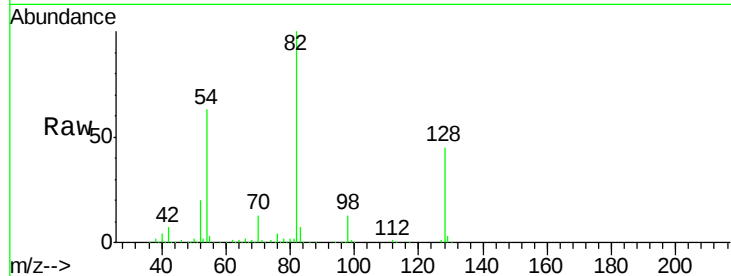
Tot Ion: 82 Resp: 758224

Ion Ratio Lower Upper

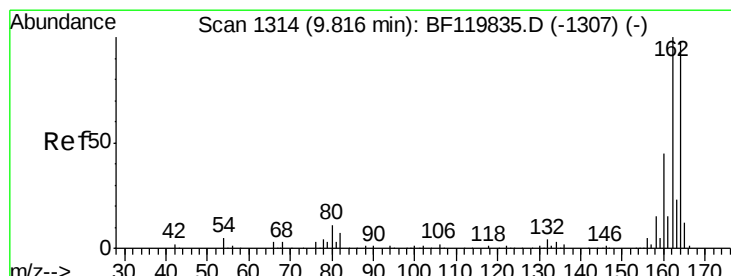
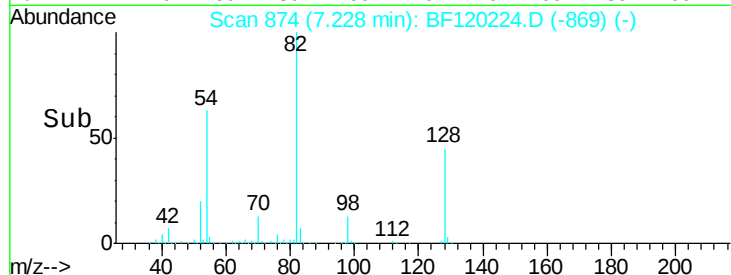
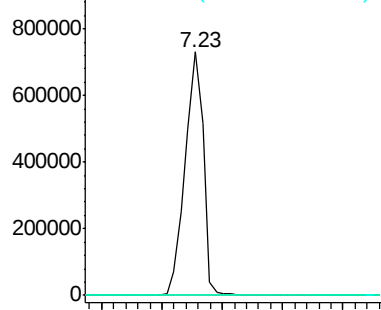
82 100

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): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

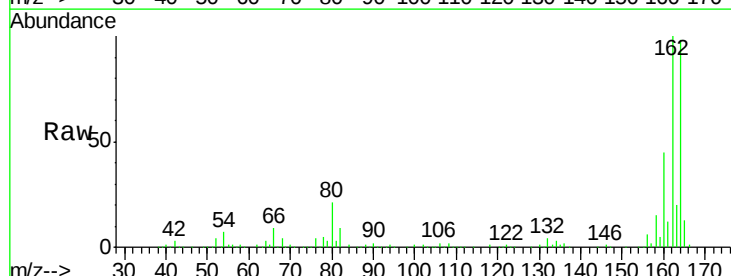
Tgt Ion: 164 Resp: 250081

Ion Ratio Lower Upper

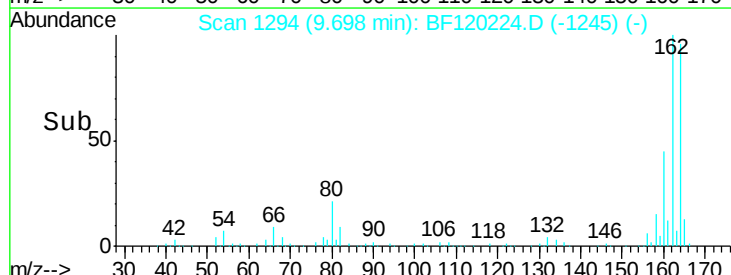
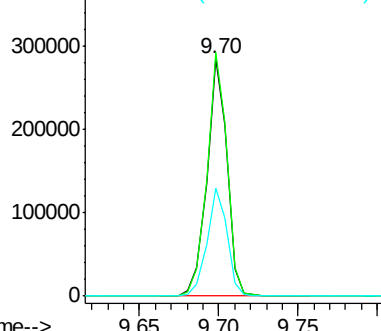
164 100

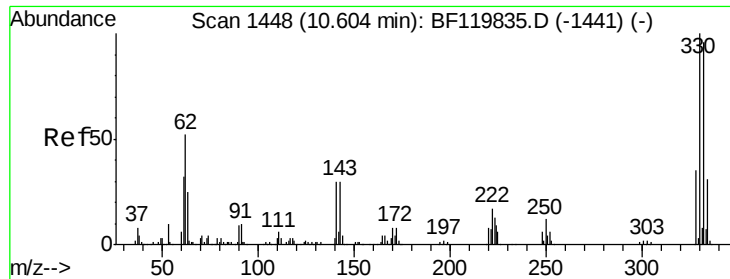
162 102.4 80.6 121.0

160 45.6 35.7 53.5



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

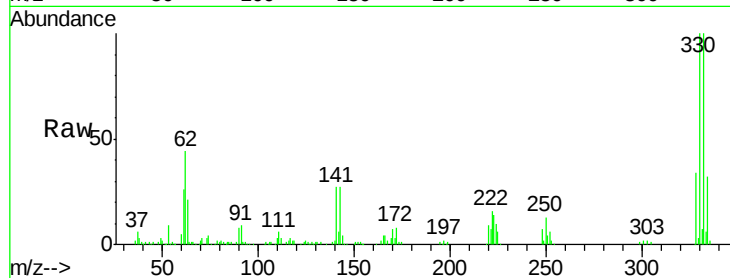




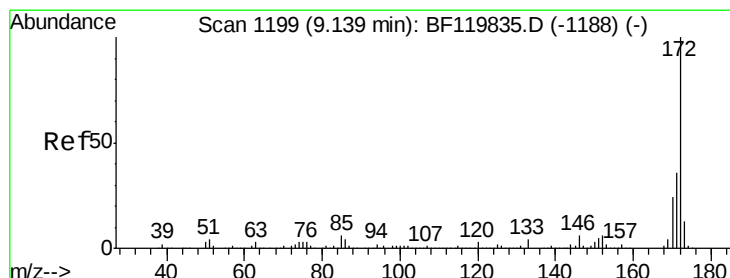
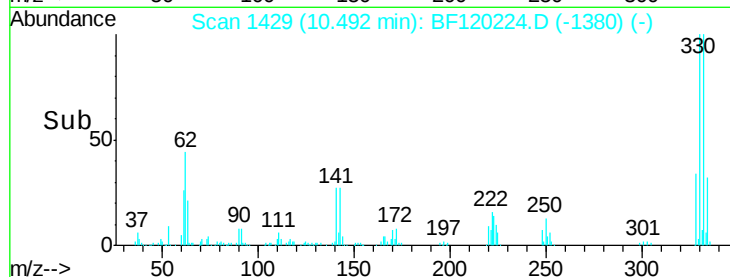
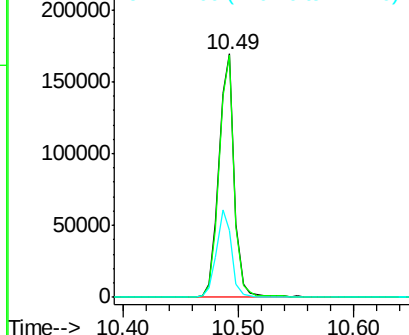
#42
 2,4,6-Tribromophenol
 Concen: 51.563 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF120224.D
 Acq: 27 Apr 2020 17:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157879
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.7 113.5
 141 34.8 25.4 38.0

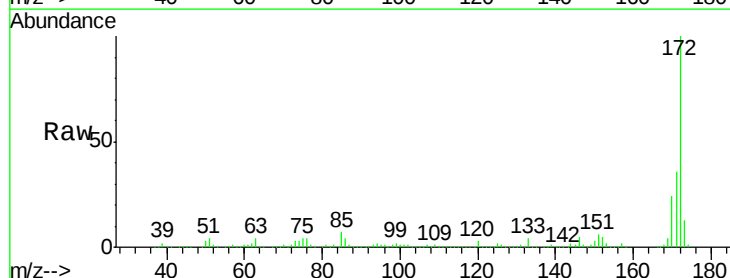


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

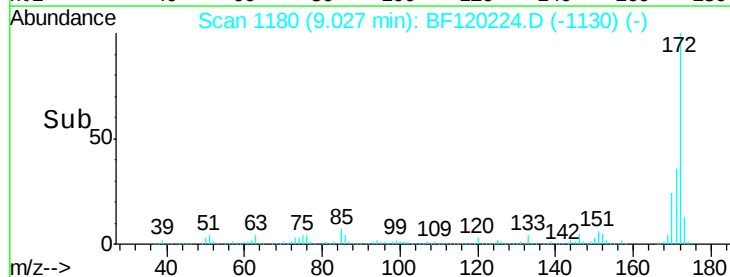
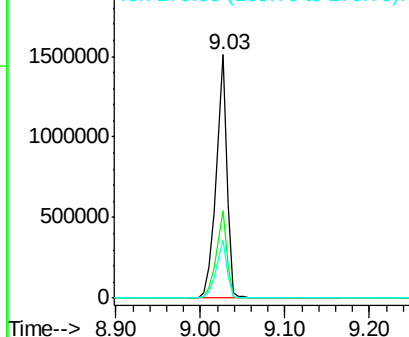


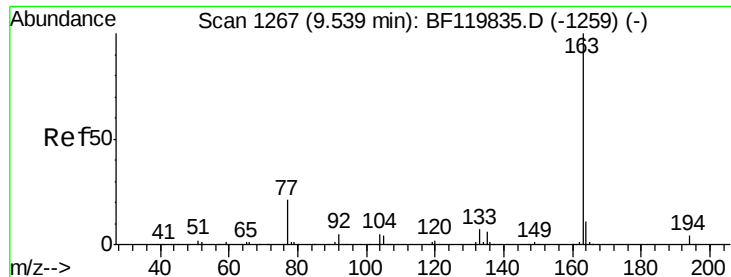
#45
 2-Fluorobiphenyl
 Concen: 80.748 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120224.D
 Acq: 27 Apr 2020 17:38

Tgt Ion:172 Resp: 1422300
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.0 20.2 30.2



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

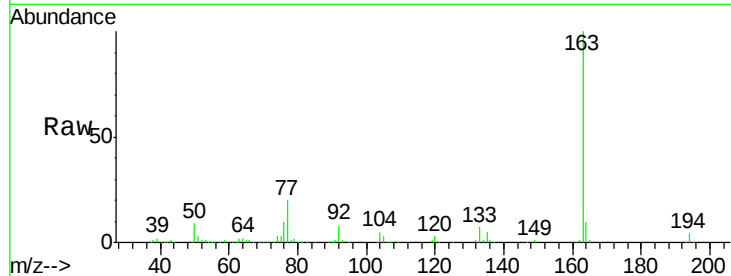




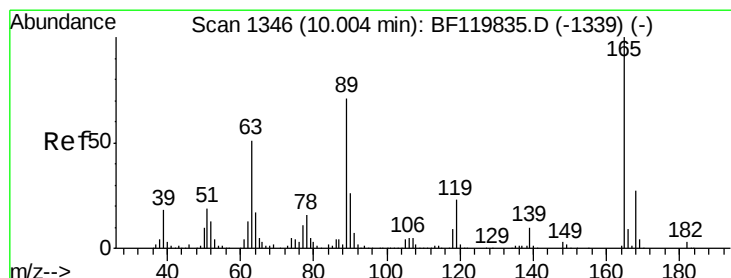
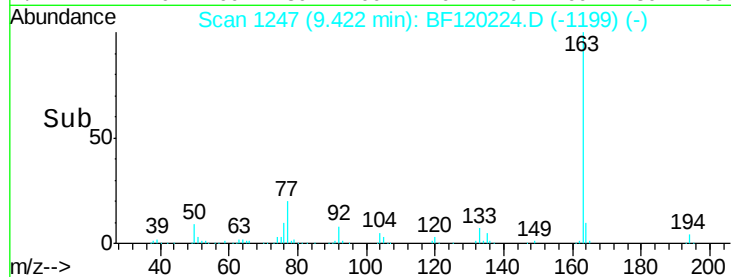
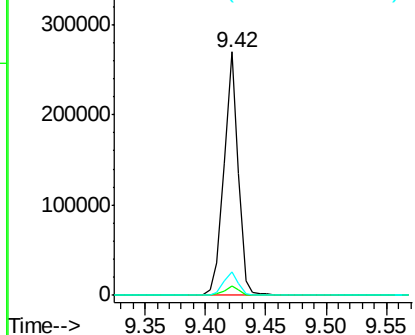
#50
Dimethylphthalate
Concen: 11.321 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 218994
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 9.9 8.2 12.2

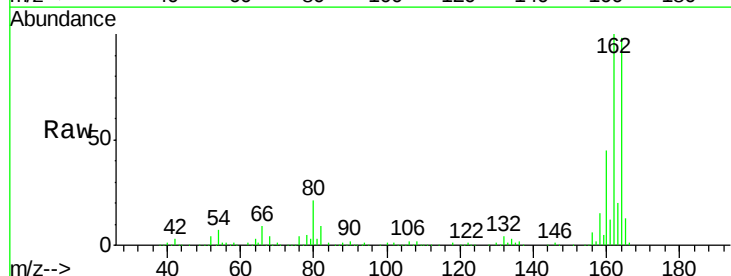


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

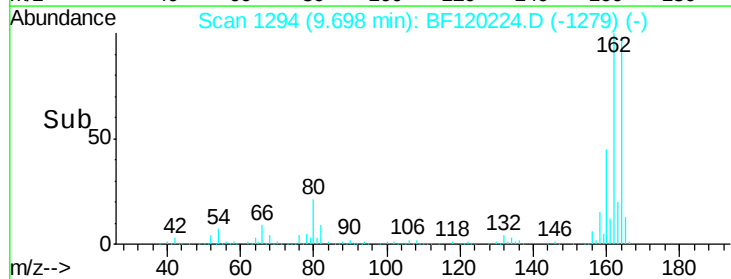
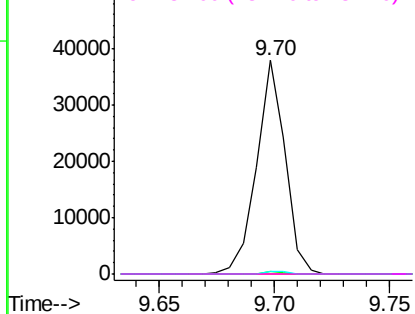


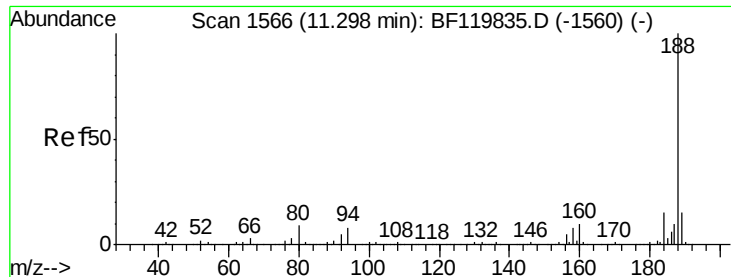
#57
2,4-Dinitrotoluene
Concen: 5.862 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF120224.D
Acq: 27 Apr 2020 17:38

Tgt Ion:165 Resp: 32716
Ion Ratio Lower Upper
165 100
63 1.1 42.6 64.0#
89 1.3 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

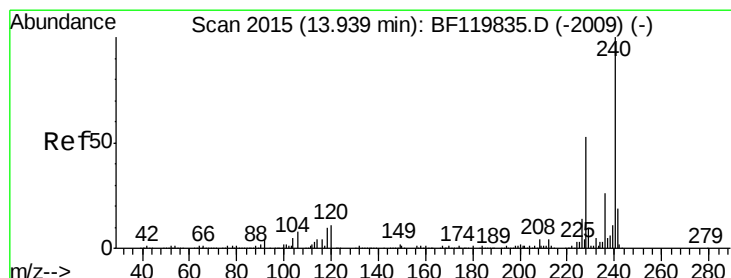
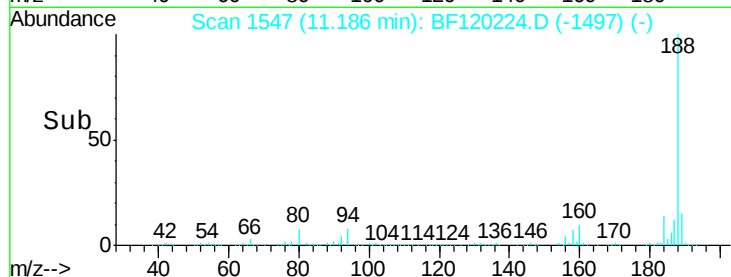
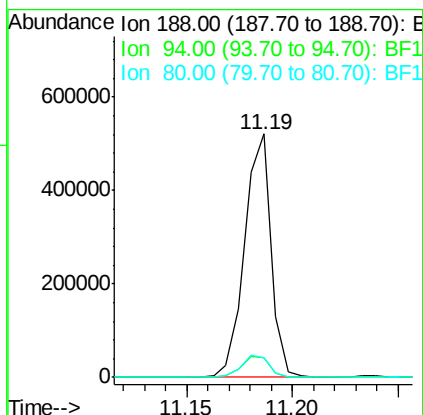
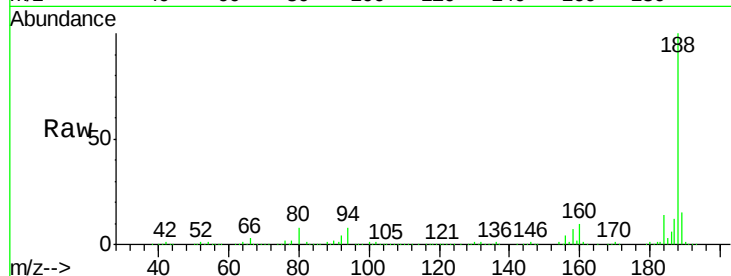




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120224.D
 Acq: 27 Apr 2020 17:38

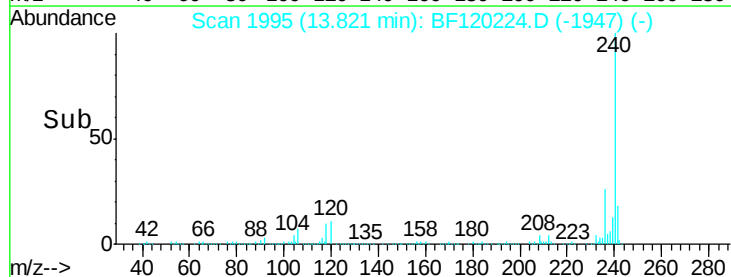
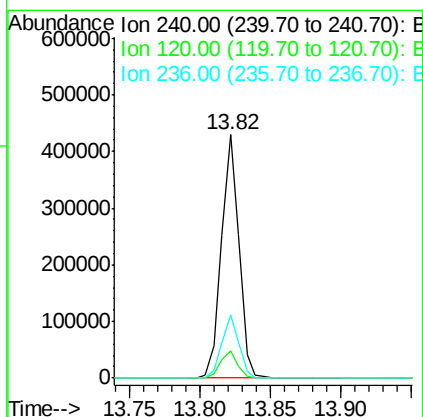
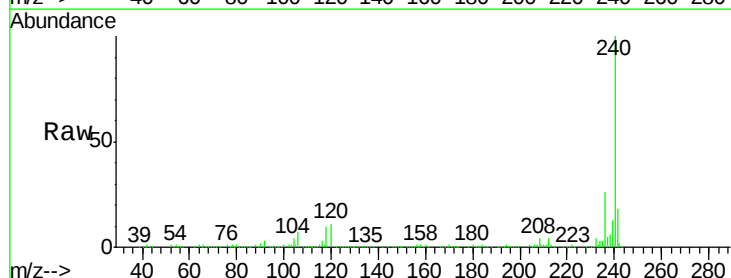
Instrument :
 BNA_F
 ClientSampleId :

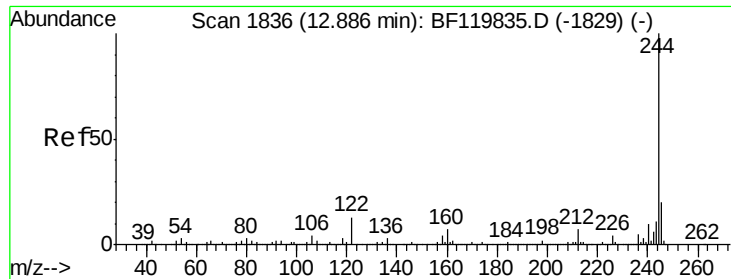
Tot Ion:188 Resp: 454339
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.5 11.3
 80 8.3 9.0 13.4#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF120224.D
 Acq: 27 Apr 2020 17:38

Tgt Ion:240 Resp: 370626
 Ion Ratio Lower Upper
 240 100
 120 11.1 10.6 15.8
 236 26.1 20.2 30.2





#79

Terphenyl-d14

Concen: 77.830 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

Instrument :

BNA_F

ClientSampleId :

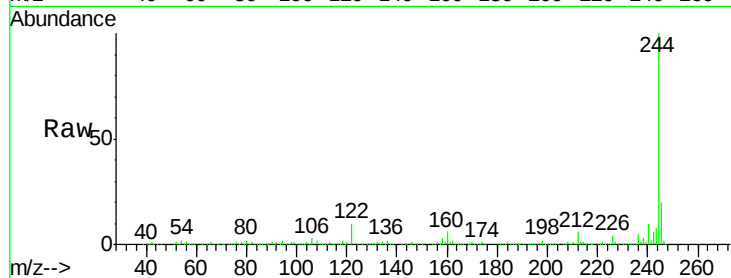
Tot Ion:244 Resp: 1714310

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

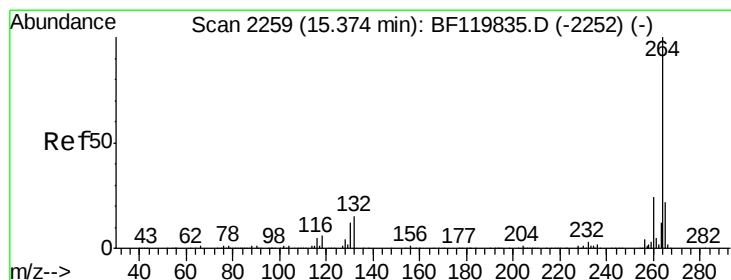
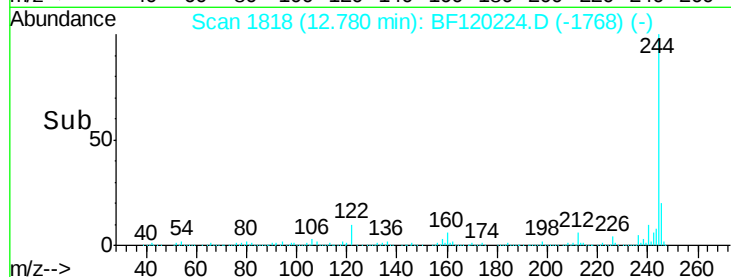
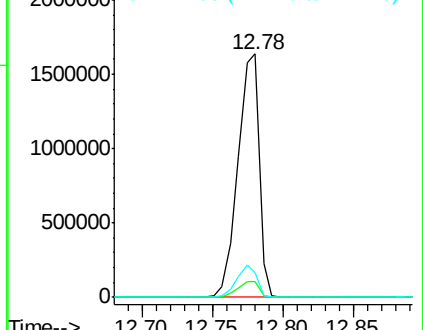
122 10.0 10.3 15.5#



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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF120224.D

Acq: 27 Apr 2020 17:38

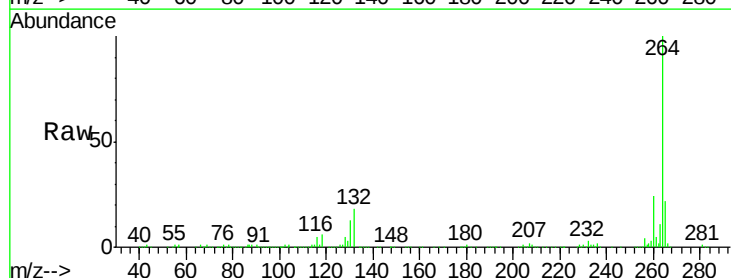
Tgt Ion:264 Resp: 309058

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 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

