

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF043020\
 Data File : BF120248.D
 Acq On : 30 Apr 2020 19:18
 Operator : MA/SJ
 Sample : L2436-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 00:43:32 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 30 12:39:25 2020
 Response via : Initial Calibration

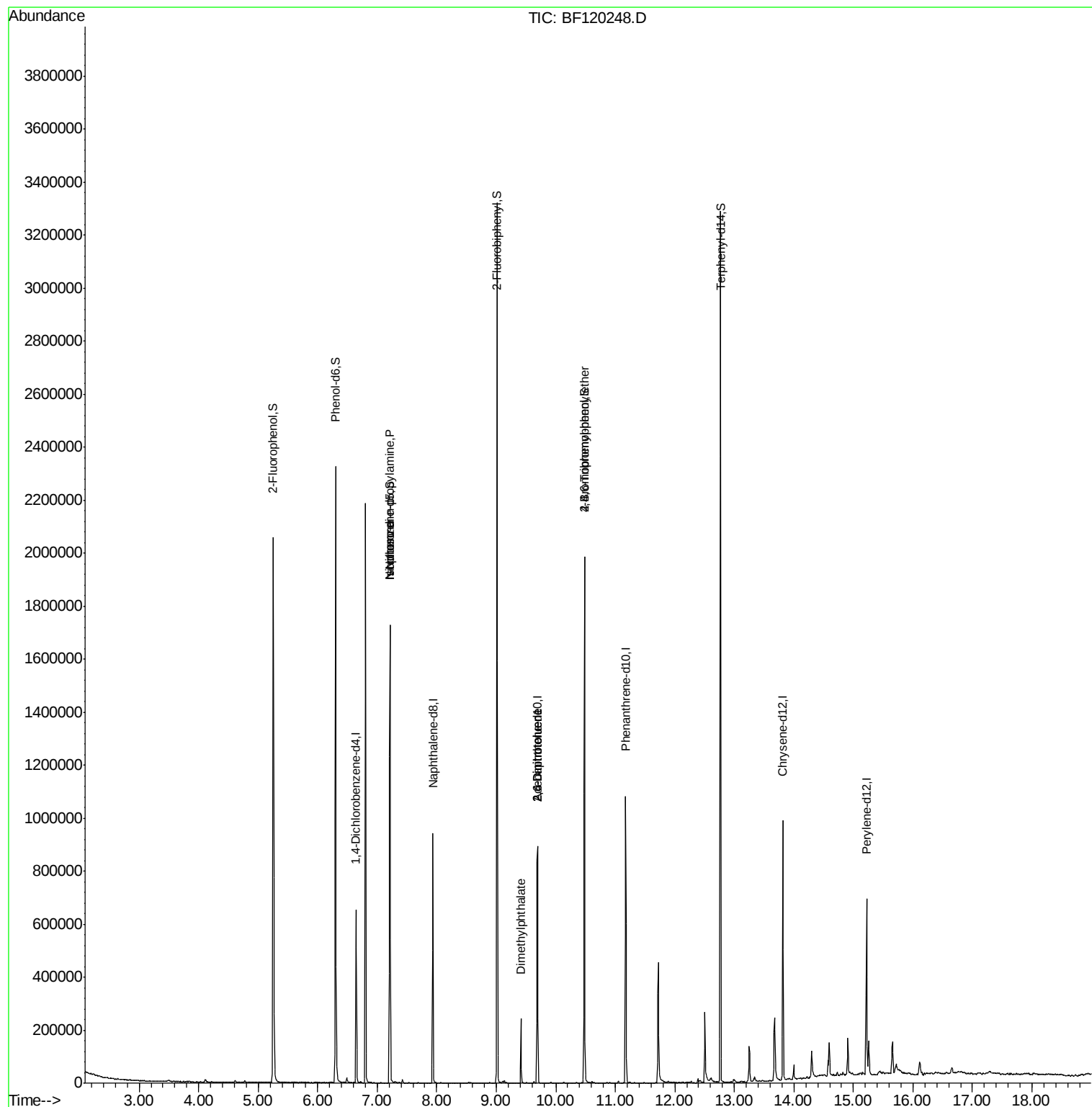
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	94224	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	360755	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	183374	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	368000	20.00	ng	0.00
76) Chrysene-d12	13.82	240	309952	20.00	ng	-0.01
87) Perylene-d12	15.22	264	283861	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	588793	107.99	ng	0.00
7) Phenol-d6	6.30	99	757591	107.84	ng	-0.01
23) Nitrobenzene-d5	7.22	82	466471	66.89	ng	0.00
42) 2,4,6-Tribromophenol	10.48	330	209856	93.47	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	912572	70.66	ng	0.00
79) Terphenyl-d14	12.77	244	1125207	61.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.30	77	995	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.22	70	61554	13.625	ng	# 1
25) Isophorone	7.22	82	466465	34.701	ng	# 73
50) Dimethylphthalate	9.42	163	97080	6.844	ng	# 65
51) 2,6-Dinitrotoluene	9.69	165	23242	7.483	ng	# 97
57) 2,4-Dinitrotoluene	9.69	165	23242	5.680	ng	# 25
67) 4-Bromophenyl-phenylether	10.48	248	13477	2.945	ng	# 19
						# 1

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

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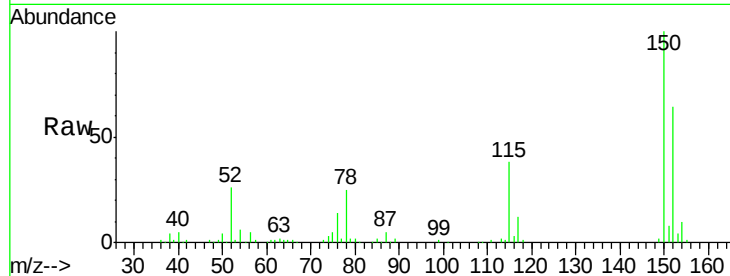


#1

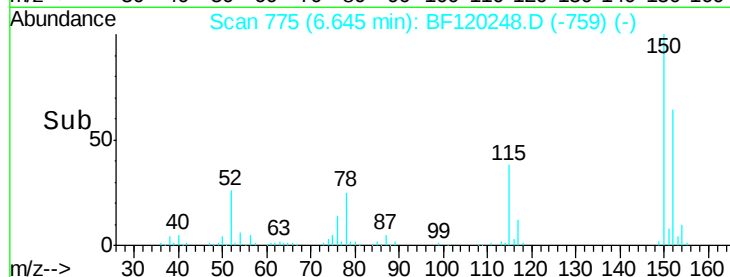
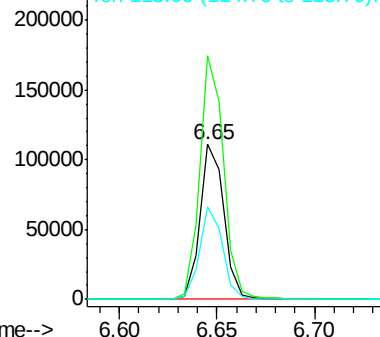
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 94224
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 59.5 49.6 74.4



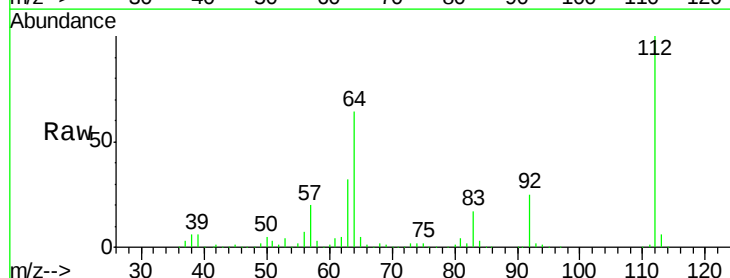
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



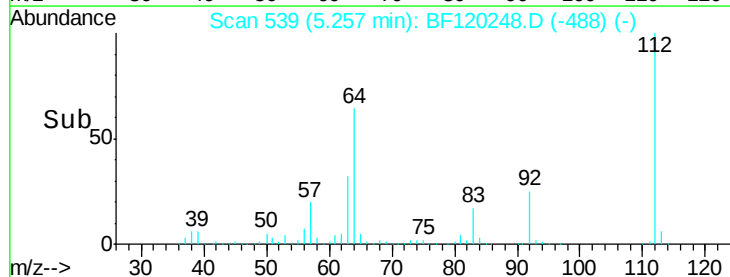
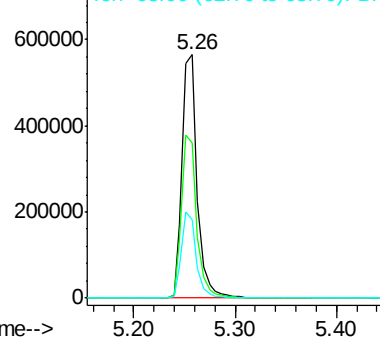
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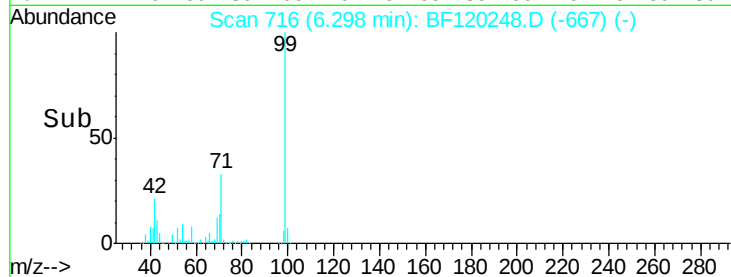
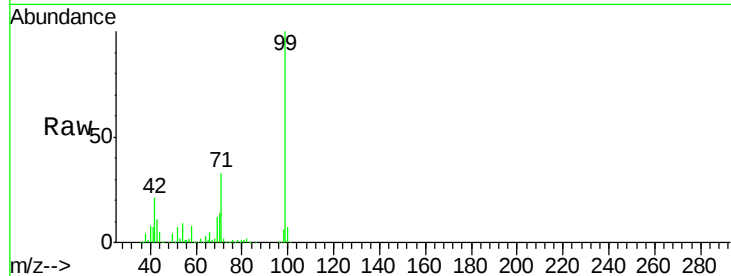
2-Fluorophenol
Concen: 107.992 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Tgt Ion:112 Resp: 588793
Ion Ratio Lower Upper
112 100
64 63.7 56.7 85.1
63 32.4 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: 107.836 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120248.D

Acq: 30 Apr 2020 19:18

Instrument :

BNA_F

ClientSampleId :

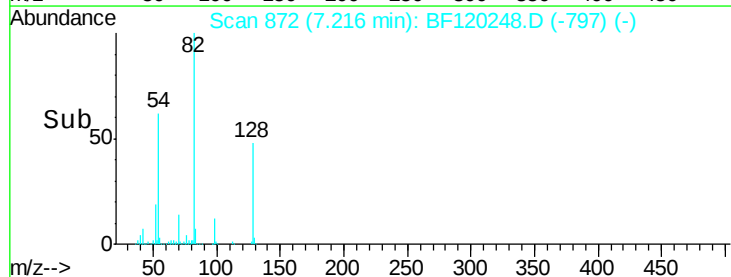
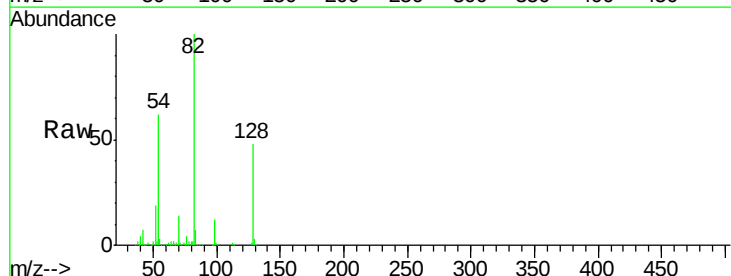
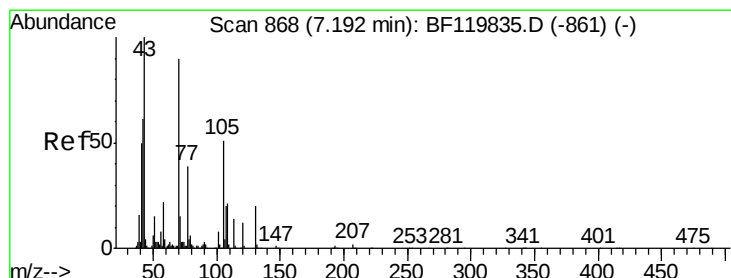
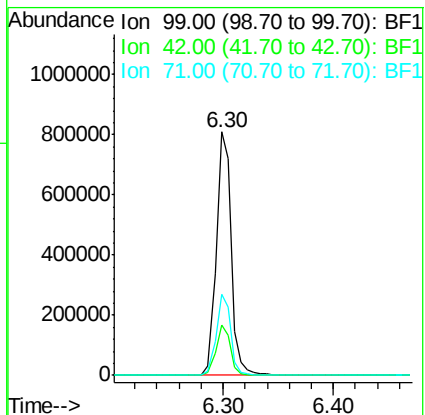
Tot Ion: 99 Resp: 757591

Ion Ratio Lower Upper

99 100

42 20.6 16.6 24.8

71 33.5 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.625 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.14 min

Lab File: BF120248.D

Acq: 30 Apr 2020 19:18

Tgt Ion: 70 Resp: 61554

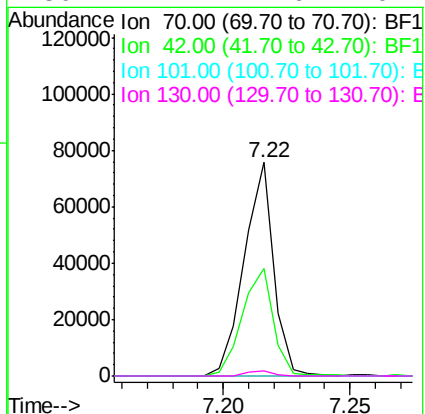
Ion Ratio Lower Upper

70 100

42 50.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.2 17.6 26.4#

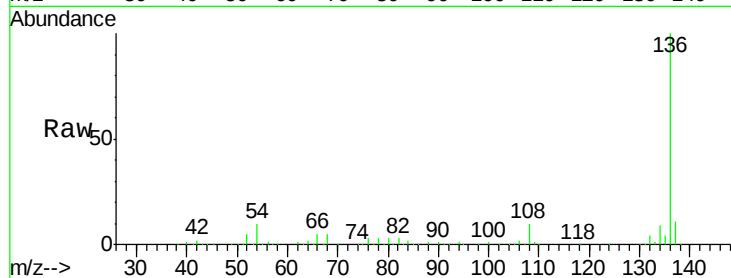




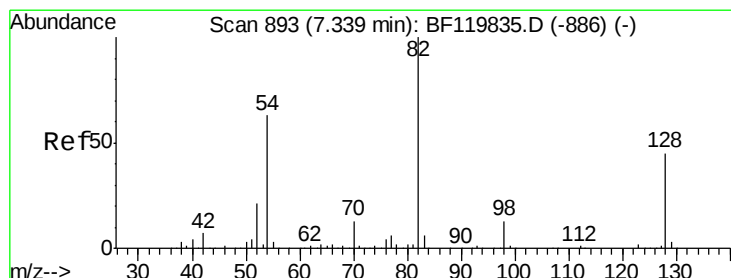
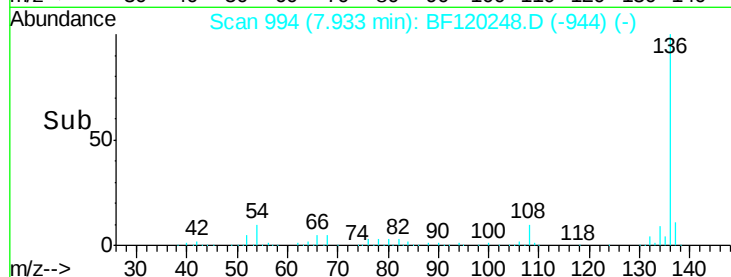
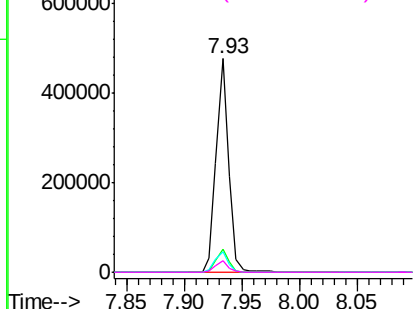
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	360755
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.5	9.1	13.7
68	5.2	4.6	6.8

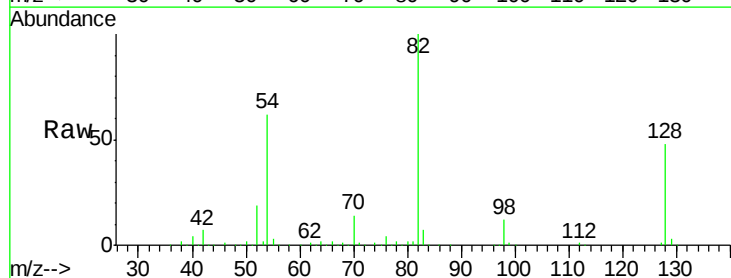


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

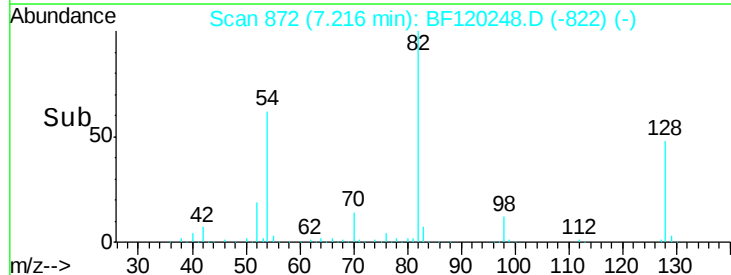
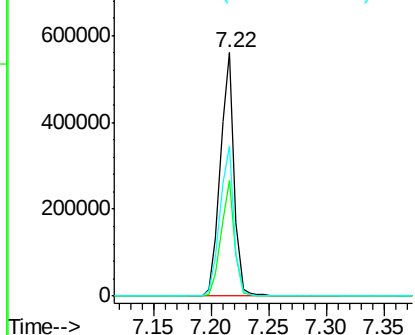


#23
Nitrobenzene-d5
Concen: 66.894 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Tgt Ion:	82	Resp:	466471
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	61.8	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: 34.701 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120248.D

Acq: 30 Apr 2020 19:18

Instrument :

BNA_F

ClientSampleId :

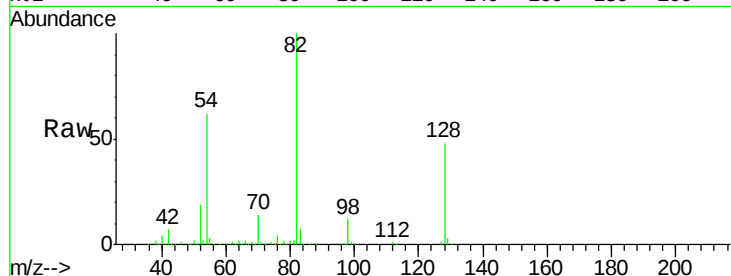
Tot Ion: 82 Resp: 466465

Ion Ratio Lower Upper

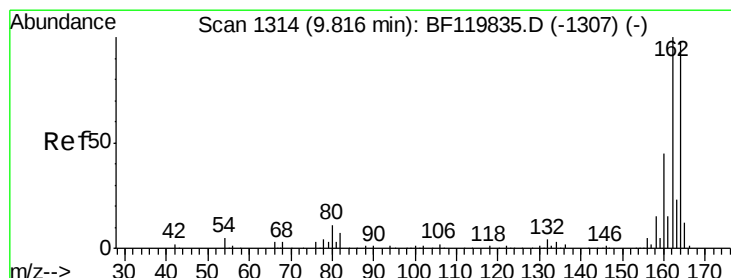
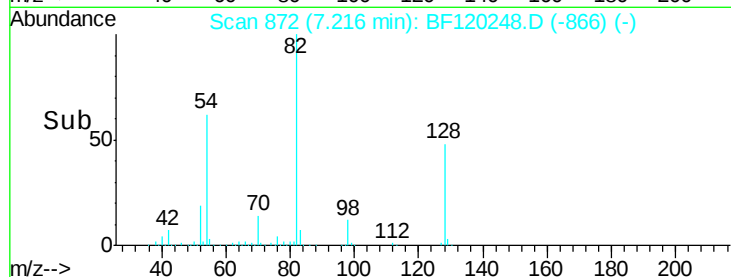
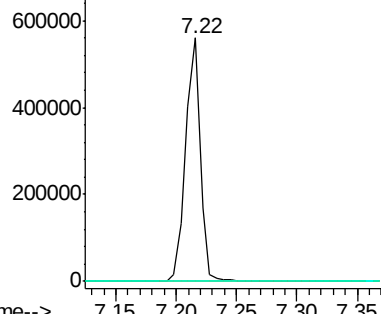
82 100

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: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120248.D

Acq: 30 Apr 2020 19:18

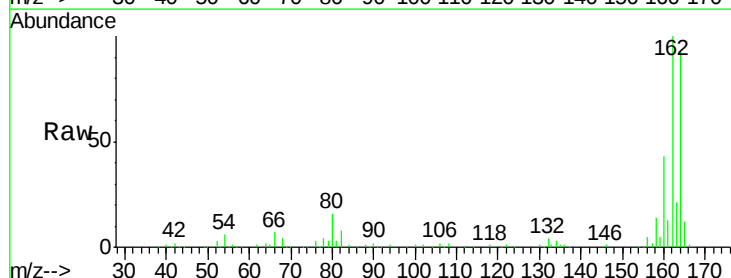
Tgt Ion: 164 Resp: 183374

Ion Ratio Lower Upper

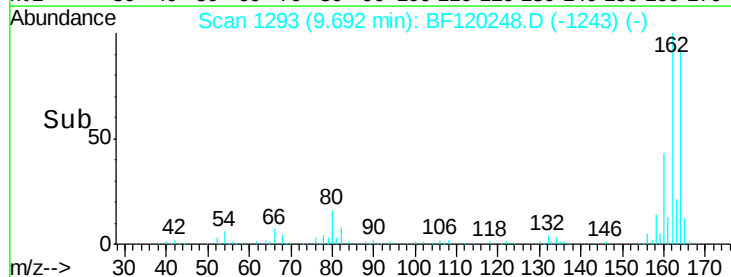
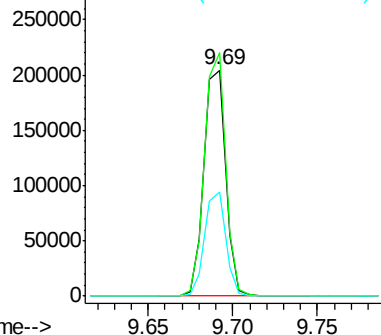
164 100

162 107.6 80.6 121.0

160 46.2 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

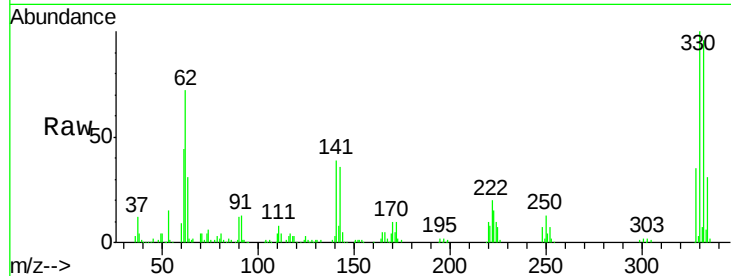




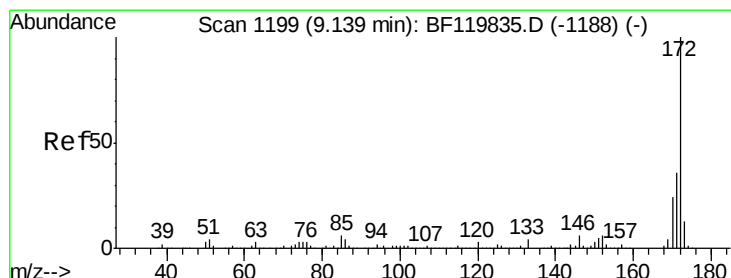
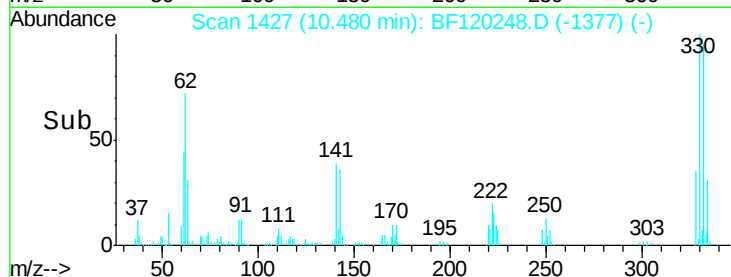
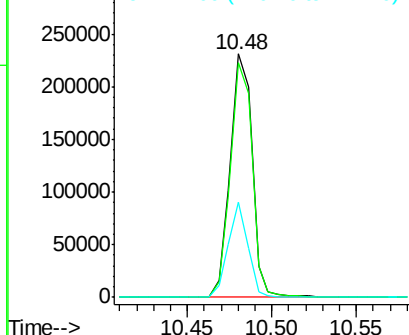
#42
 2,4,6-Tribromophenol
 Concen: 93.472 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.7	113.5
141	34.9	25.4	38.0

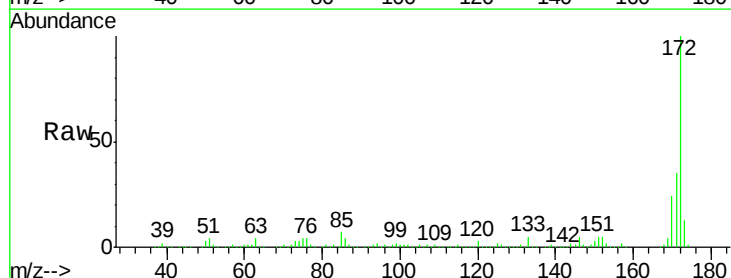


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

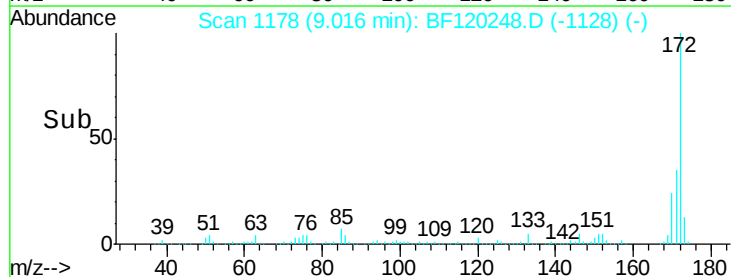
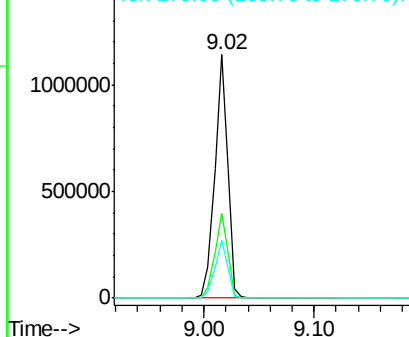


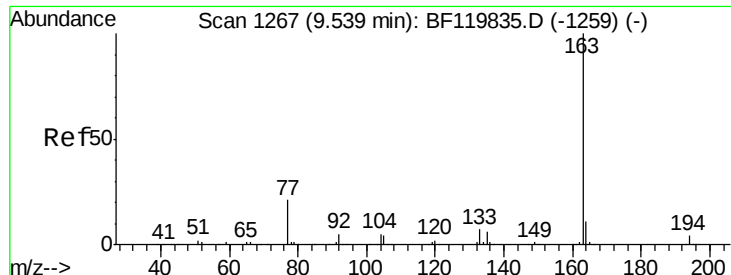
#45
 2-Fluorobiphenyl
 Concen: 70.656 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.8	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

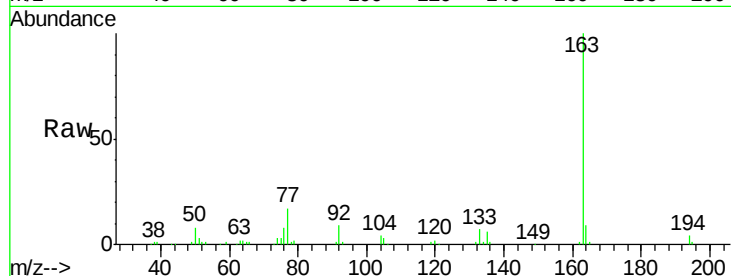




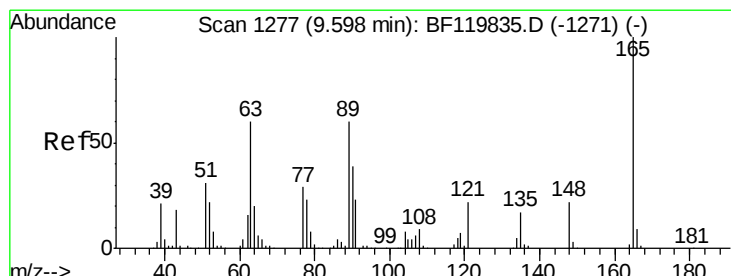
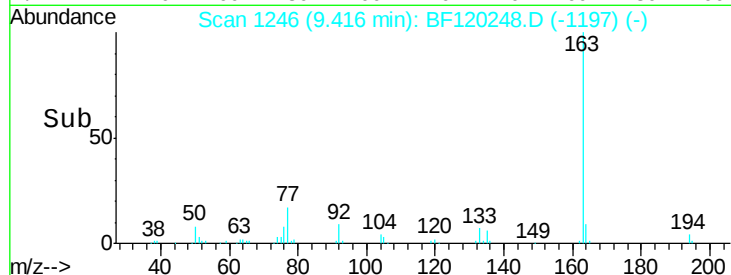
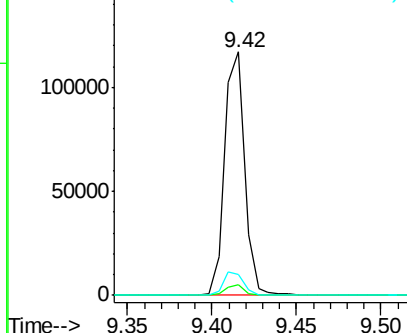
#50
Dimethylphthalate
Concen: 6.844 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 97080
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 8.8 8.2 12.2

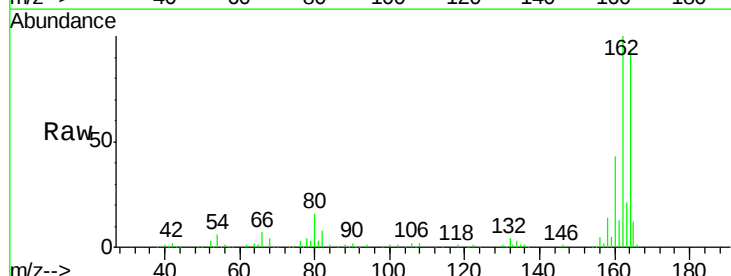


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

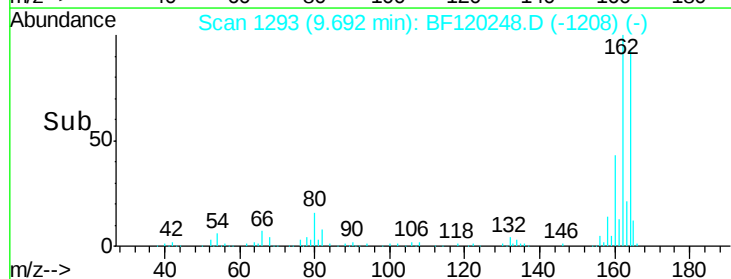
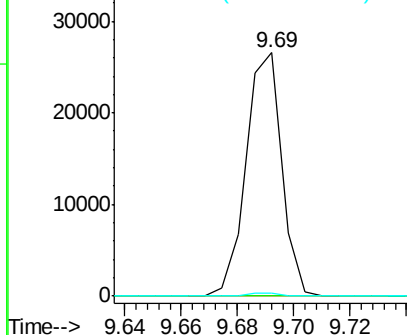


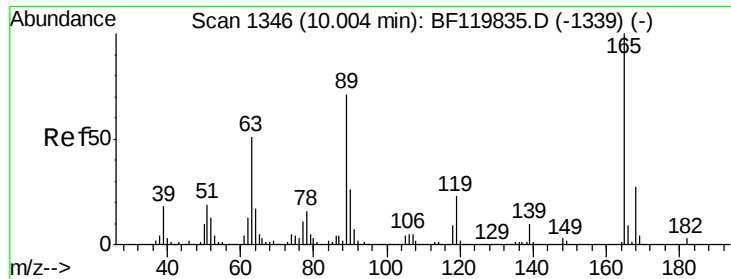
#51
2,6-Dinitrotoluene
Concen: 7.483 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.20 min
Lab File: BF120248.D
Acq: 30 Apr 2020 19:18

Tgt Ion:165 Resp: 23242
Ion Ratio Lower Upper
165 100
63 0.0 45.0 67.4#
89 1.3 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

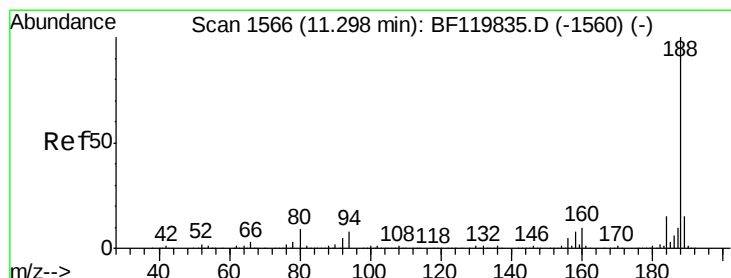
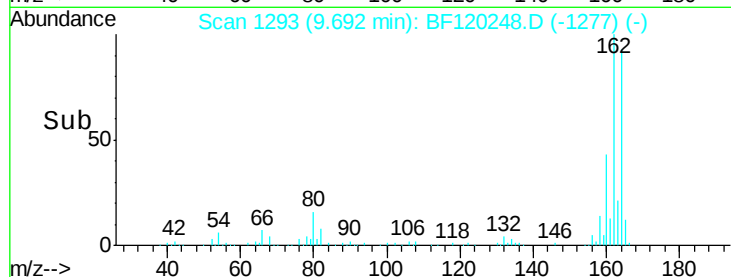
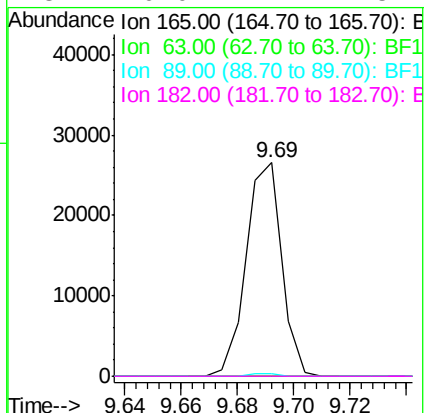
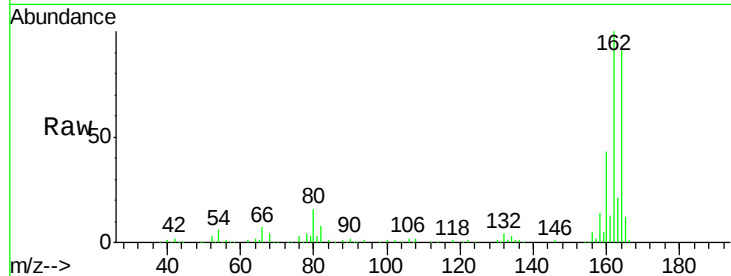




#57
 2,4-Dinitrotoluene
 Concen: 5.680 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

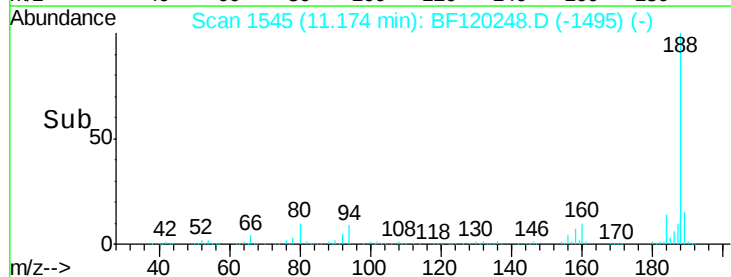
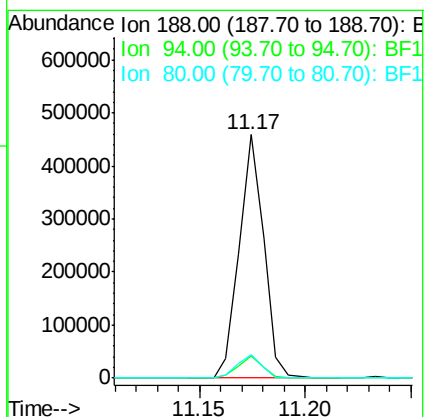
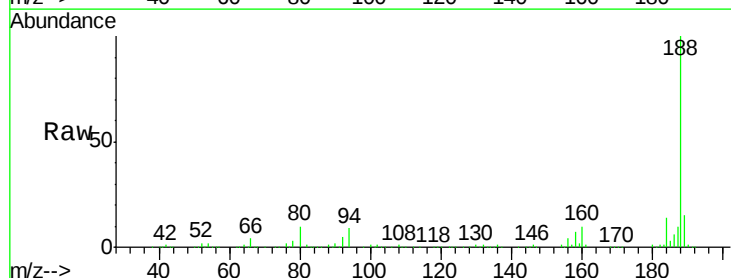
Instrument :
 BNA_F
 ClientSampleId :

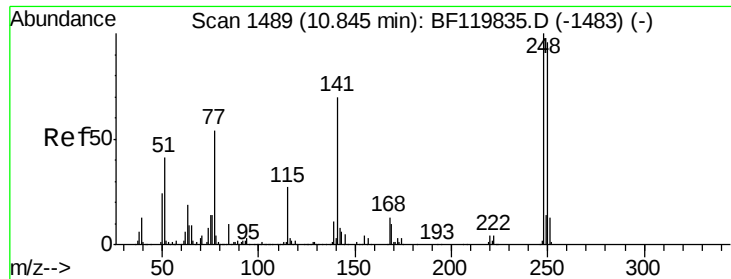
Tot Ion:165	Resp:	23242
Ion Ratio	Lower	Upper
165	100	
63	0.0	42.6 64.0#
89	1.3	61.0 91.4#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

Tgt Ion:188	Resp:	368000
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.5 11.3
80	9.5	9.0 13.4

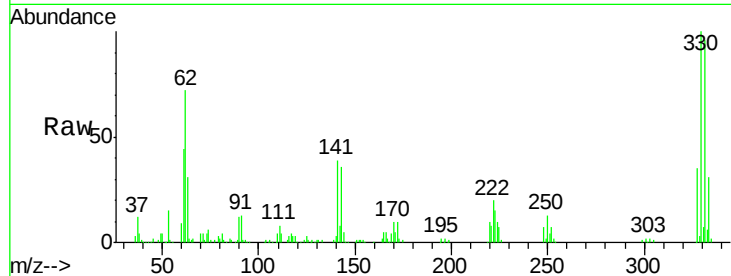




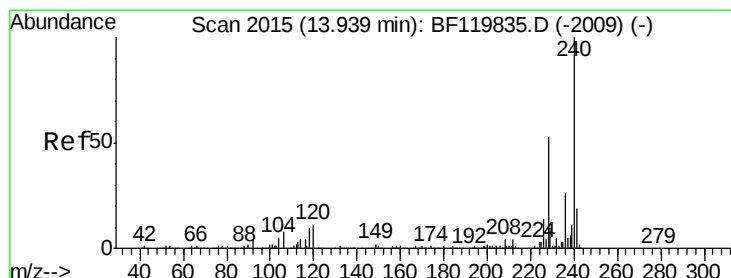
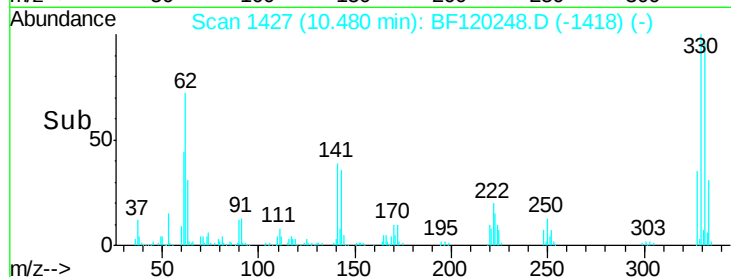
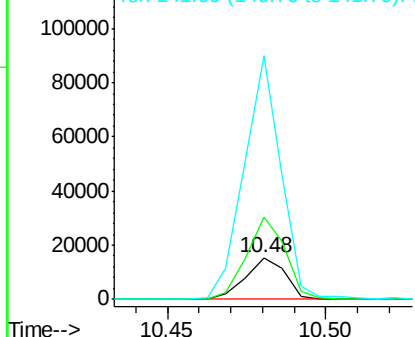
#67
 4-Bromophenyl-phenylether
 Concen: 2.945 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13477
 Ion Ratio Lower Upper
 248 100
 250 198.8 77.3 115.9#
 141 584.4 58.6 87.8#

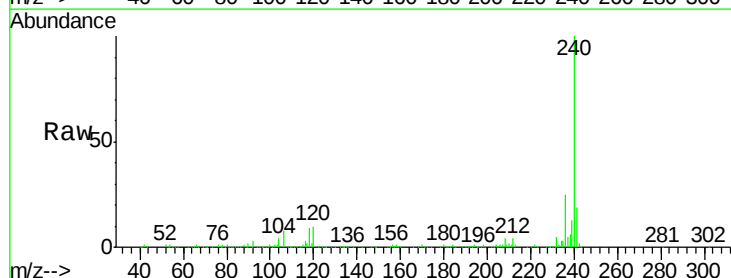


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

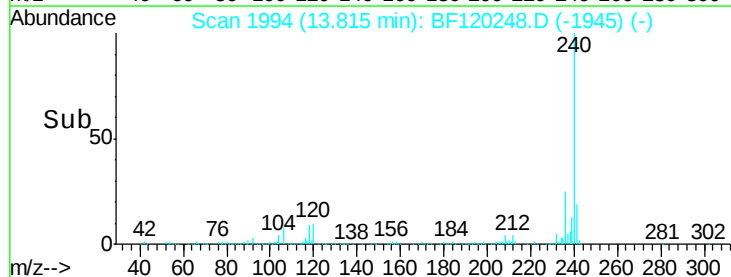
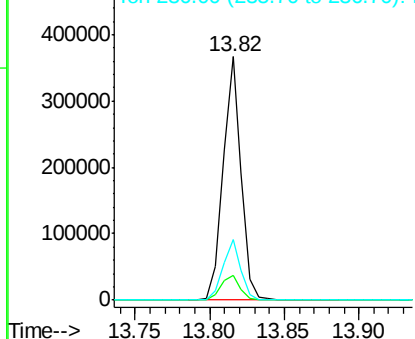


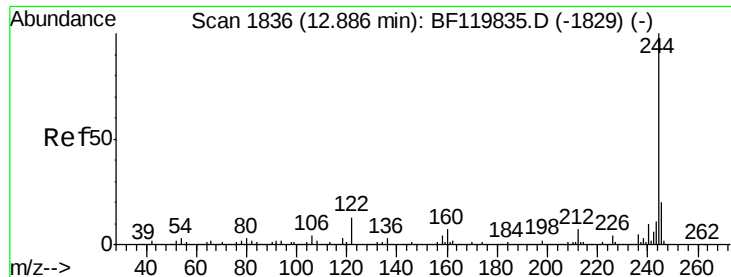
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120248.D
 Acq: 30 Apr 2020 19:18

Tgt Ion:240 Resp: 309952
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.6 15.8#
 236 24.8 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: 61.085 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120248.D

Acq: 30 Apr 2020 19:18

Instrument :

BNA_F

ClientSampleId :

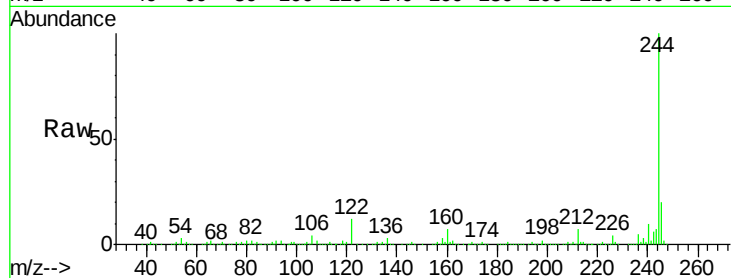
Tot Ion:244 Resp: 1125207

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

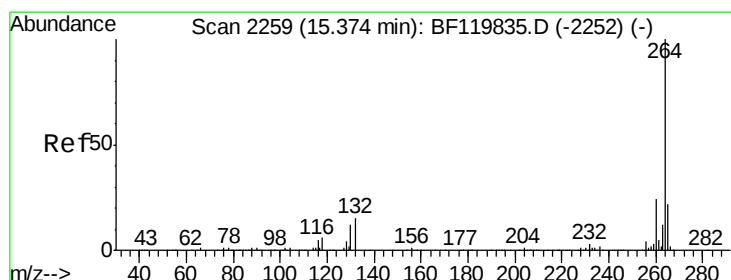
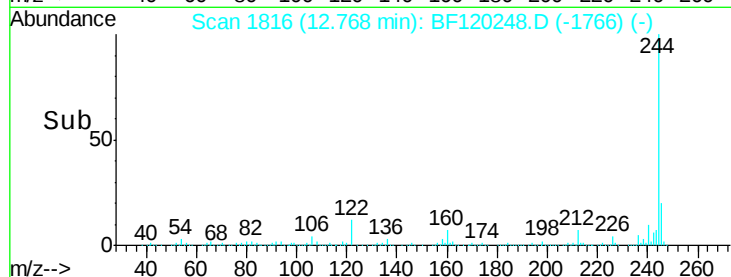
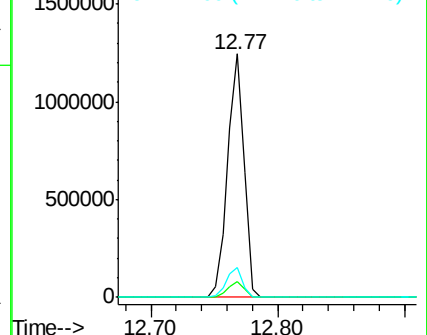
122 12.5 10.3 15.5



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: BF120248.D

Acq: 30 Apr 2020 19:18

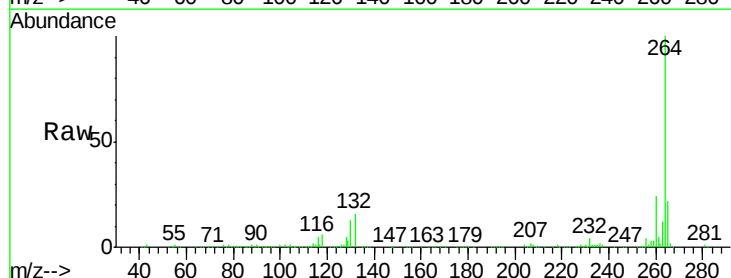
Tgt Ion:264 Resp: 283861

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.8 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

