

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042420\
 Data File : BF120193.D
 Acq On : 24 Apr 2020 11:07
 Operator : MA/SJ
 Sample : L2378-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: Apr 24 11:39:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

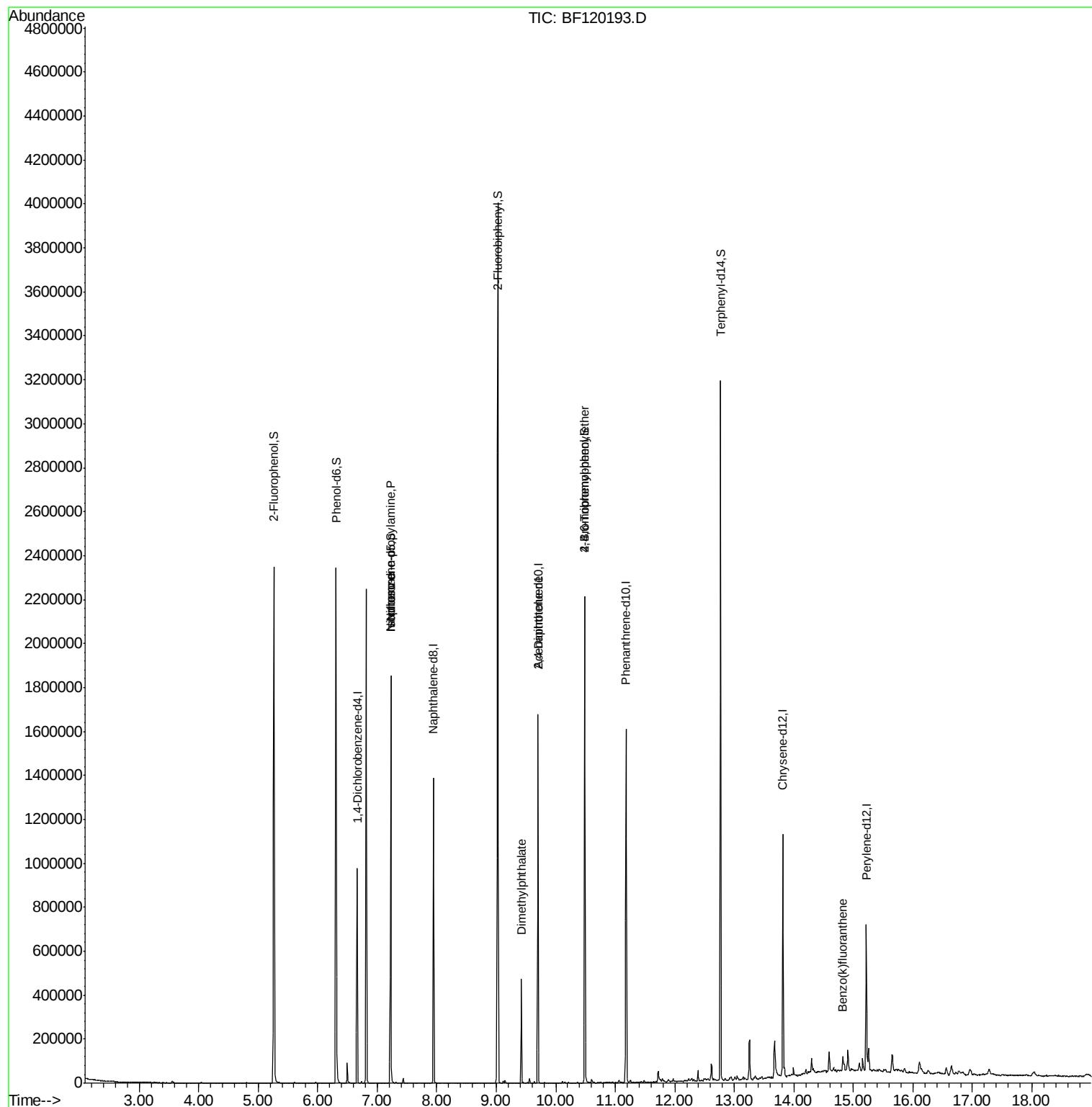
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	144559	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	570122	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	306031	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	557668	20.00	ng	0.00
76) Chrysene-d12	13.82	240	342120	20.00	ng	-0.01
87) Perylene-d12	15.22	264	284026	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	594390	71.06	ng	0.00
7) Phenol-d6	6.31	99	834935	77.46	ng	0.00
23) Nitrobenzene-d5	7.23	82	537568	48.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.49	330	237393	63.36	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	1139828	52.88	ng	0.00
79) Terphenyl-d14	12.77	244	1176879	57.88	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	1188	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.23	70	68456	9.877 ng	#	76
25) Isophorone	7.23	82	534216	25.147 ng	#	65
50) Dimethylphthalate	9.42	163	160120	6.764 ng		99
57) 2,4-Dinitrotoluene	9.70	165	39764	5.822 ng	#	20
67) 4-Bromophenyl-phenylether	10.49	248	15279	2.203 ng	#	1
89) Benzo(k)fluoranthene	14.82	252	36926	2.095 ng		97

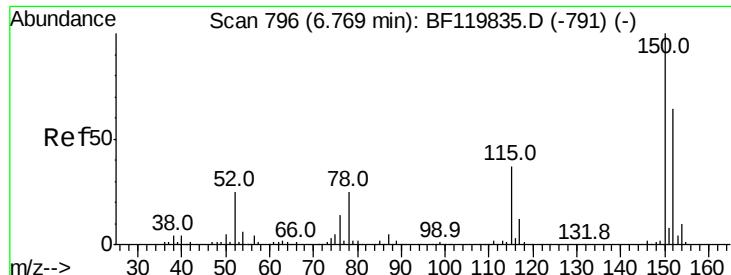
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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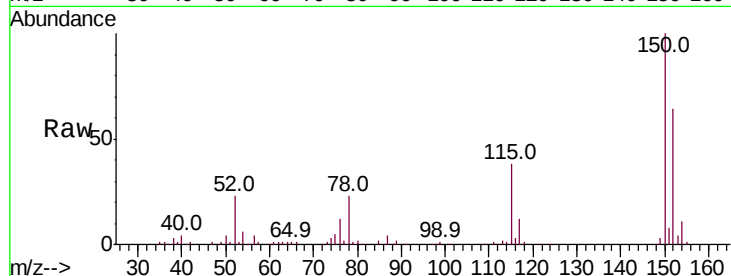


#1

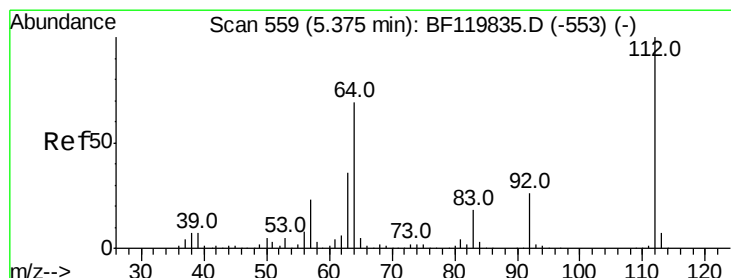
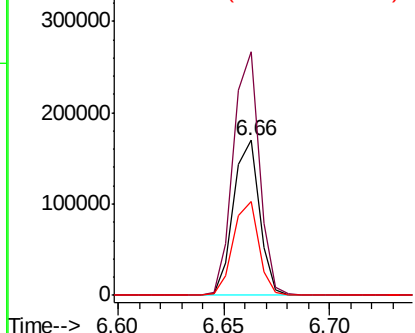
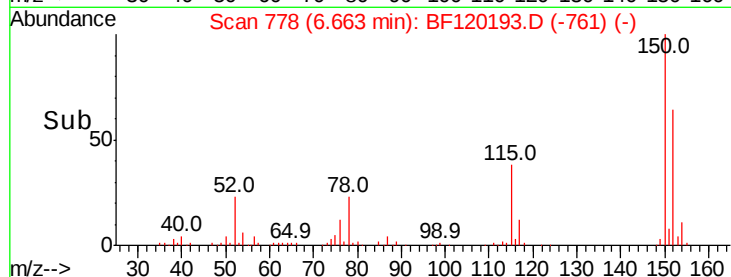
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion:152 Resp: 144559
Ion Ratio Lower Upper
152 100
150 157.4 124.5 186.7
115 60.6 49.6 74.4



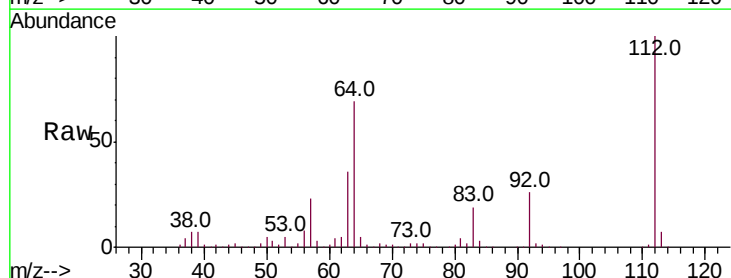
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



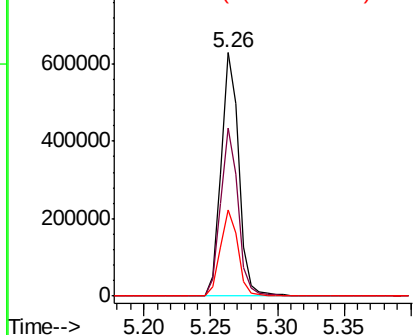
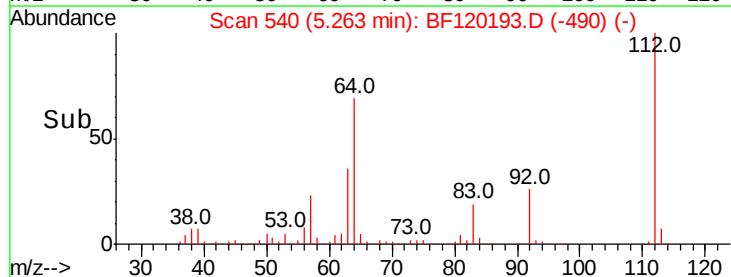
#5

2-Fluorophenol
Concen: 71.059 ng
RT: 5.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

Tgt Ion:112 Resp: 594390
Ion Ratio Lower Upper
112 100
64 68.8 56.7 85.1
63 35.5 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: 77.463 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

Instrument :

BNA_F

ClientSampled :

TP-6-S

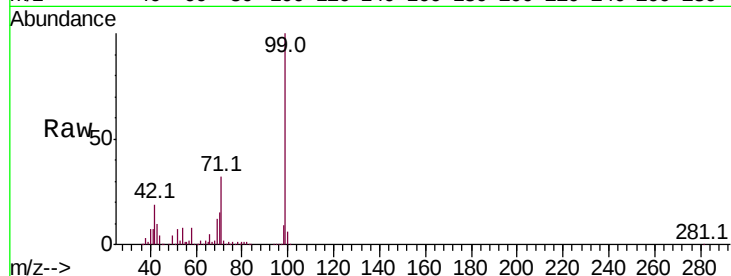
Tot Ion: 99 Resp: 834935

Ion Ratio Lower Upper

99 100

42 19.1 16.6 24.8

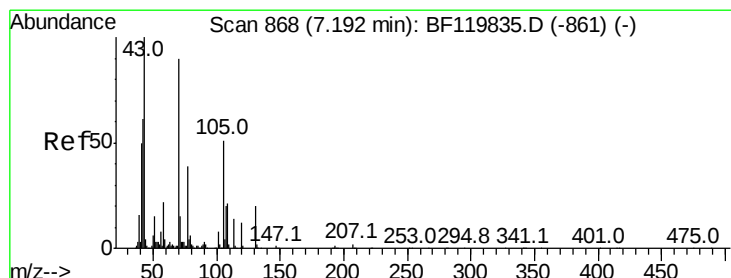
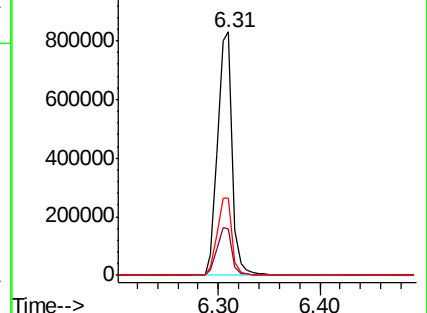
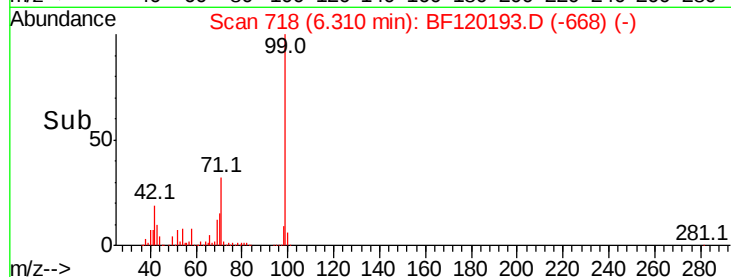
71 31.6 26.4 39.6



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: 9.877 ng

RT: 7.23 min Scan# 874

Delta R.T. 0.14 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

Tgt Ion: 70 Resp: 68456

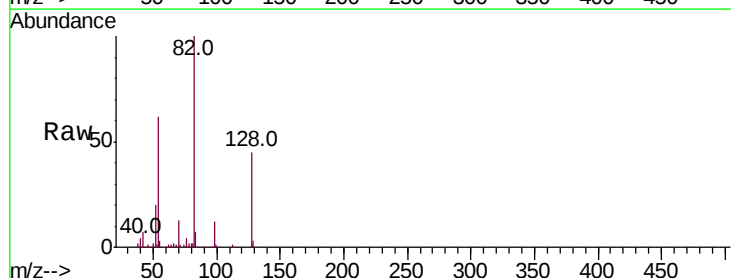
Ion Ratio Lower Upper

70 100

42 53.2 54.5 81.7#

101 0.0 7.6 11.4#

130 1.8 17.6 26.4#

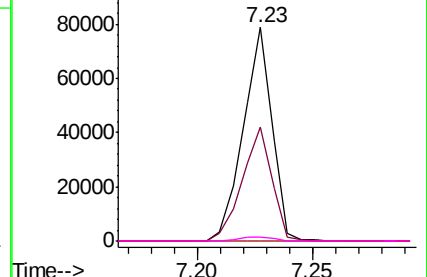
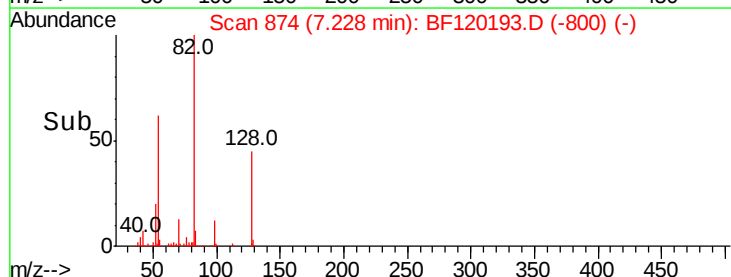


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

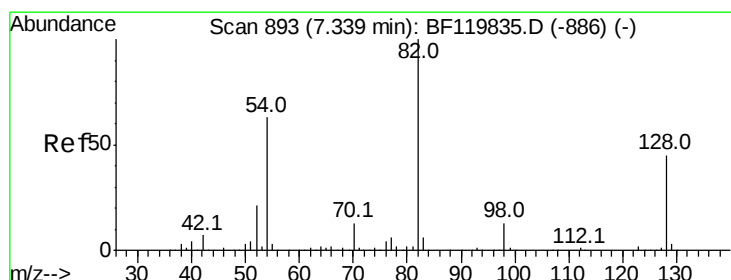
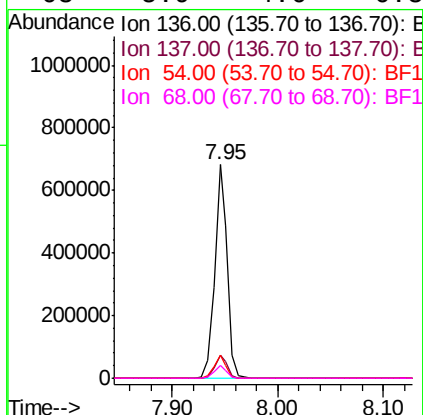
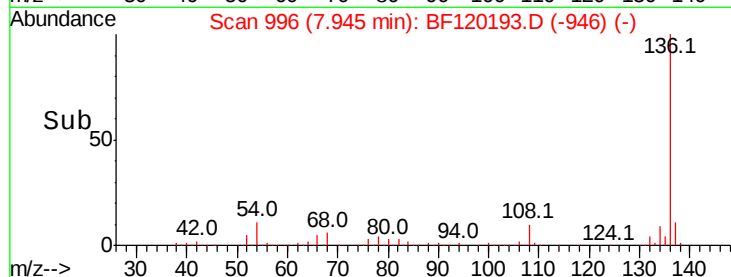
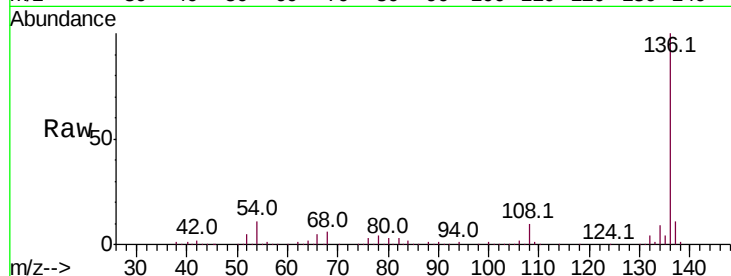




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

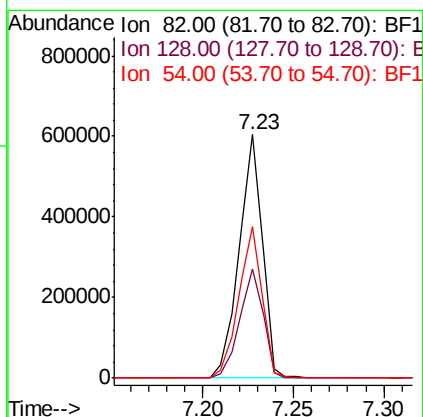
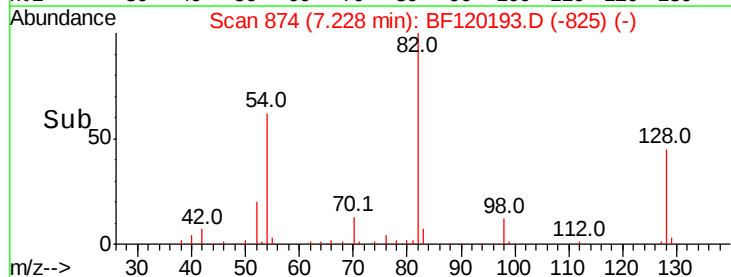
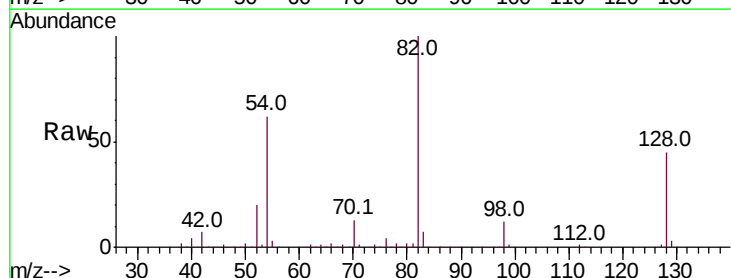
Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion:	136	Resp:	570122
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	10.6	9.1	13.7
68	5.9	4.6	6.8



#23
Nitrobenzene-d5
Concen: 48.780 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

Tgt Ion:	82	Resp:	537568
Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.3	54.5
54	62.0	50.6	75.8





#25

Isophorone

Concen: 25.147 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.27 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

Instrument :

BNA_F

ClientSampleId :

TP-6-S

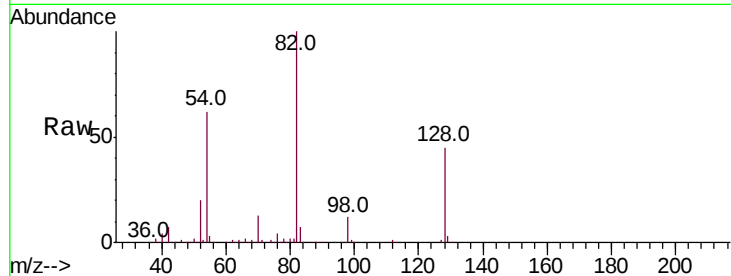
Tot Ion: 82 Resp: 534216

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

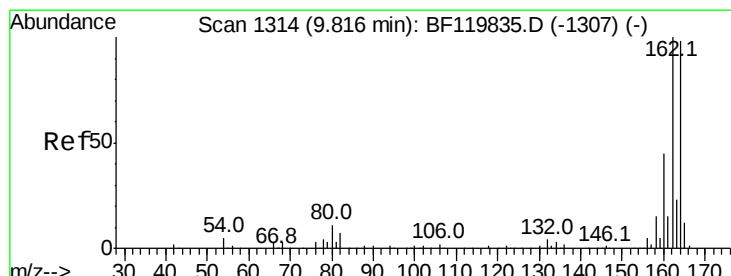
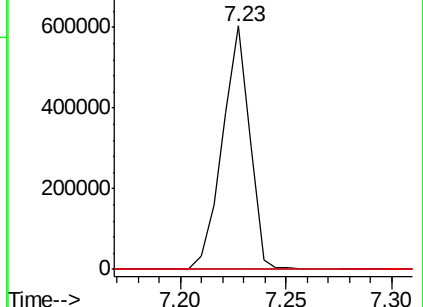
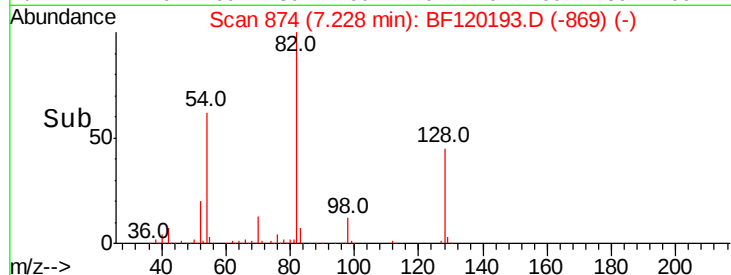
138 0.0 14.6 21.8#



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: BF120193.D

Acq: 24 Apr 2020 11:07

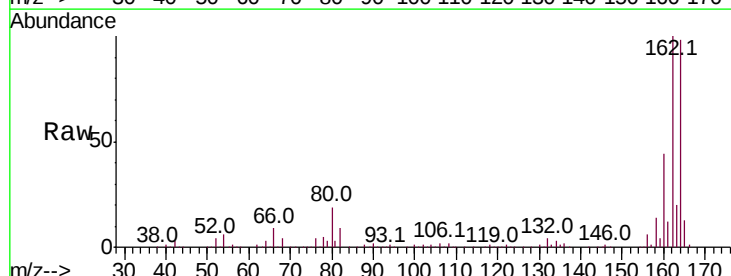
Tgt Ion:164 Resp: 306031

Ion Ratio Lower Upper

164 100

162 101.7 80.6 121.0

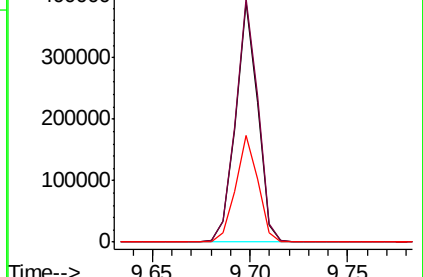
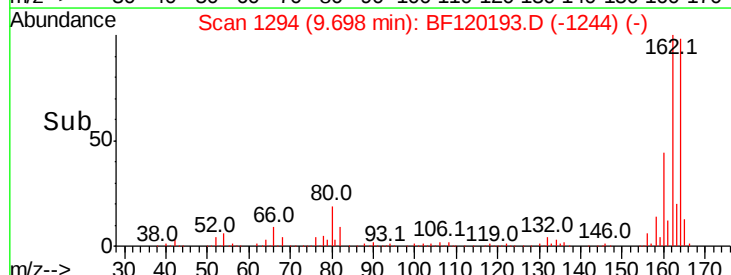
160 44.4 35.7 53.5

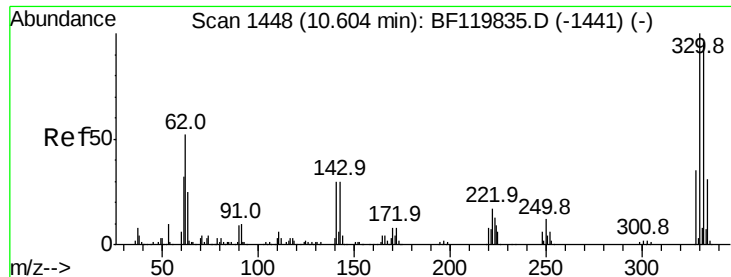


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

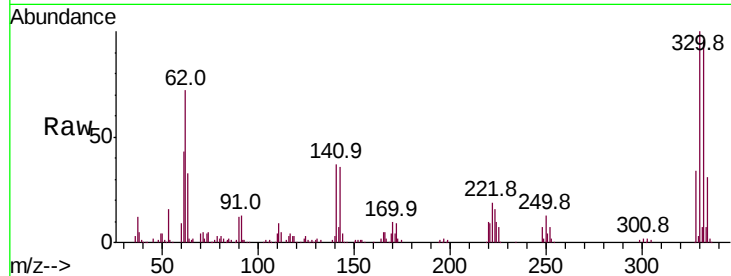




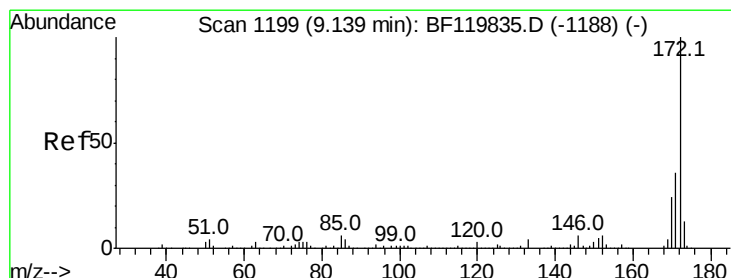
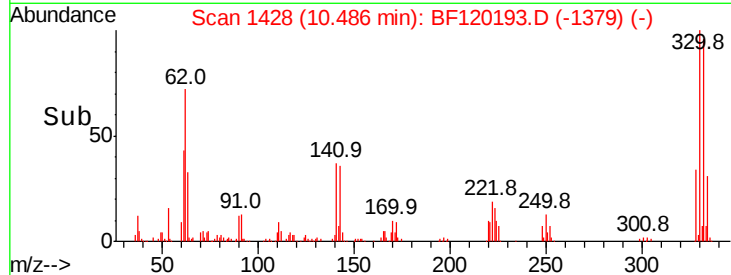
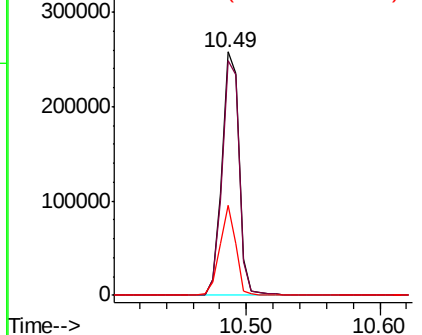
#42
 2,4,6-Tribromophenol
 Concen: 63.358 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120193.D
 Acq: 24 Apr 2020 11:07

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	34.0	25.4	38.0

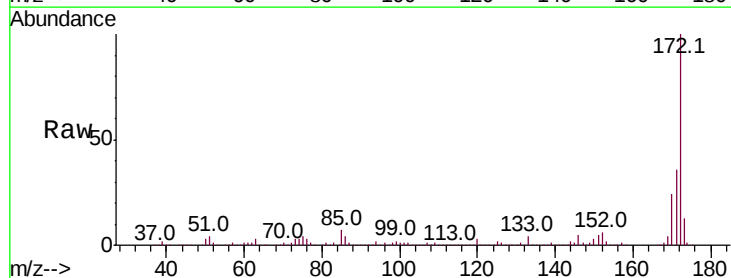


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

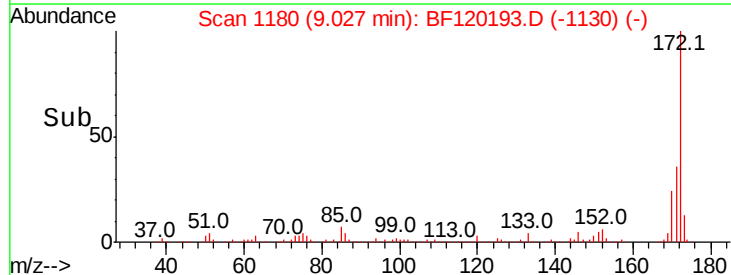
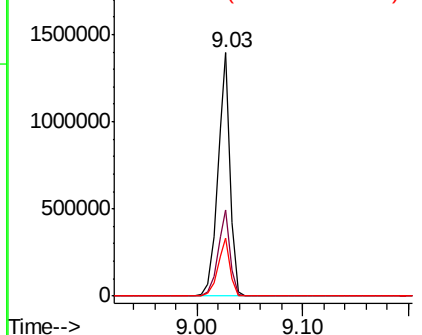


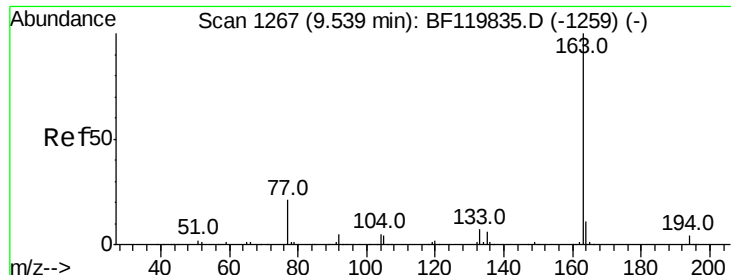
#45
 2-Fluorobiphenyl
 Concen: 52.881 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120193.D
 Acq: 24 Apr 2020 11:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.9	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

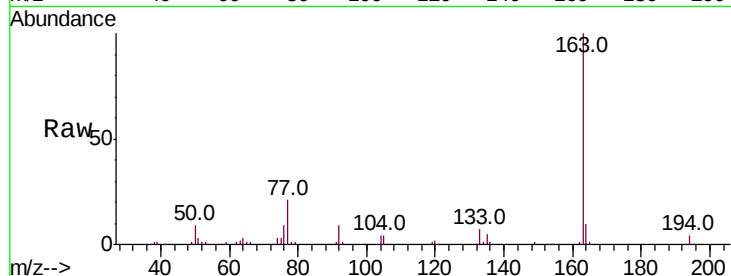




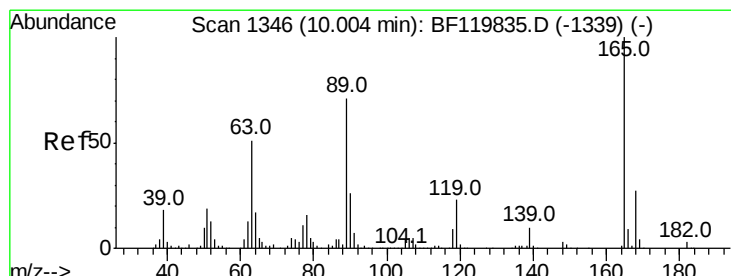
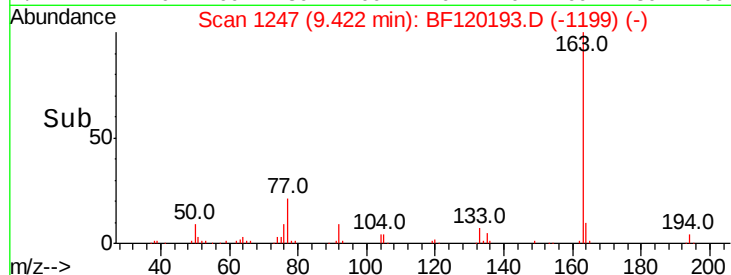
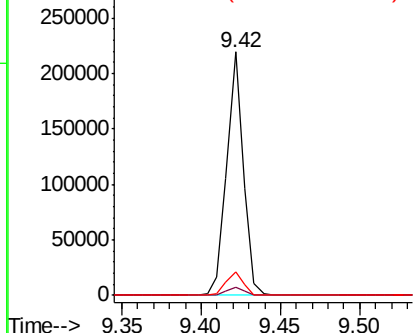
#50
Dimethylphthalate
Concen: 6.764 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

Instrument :
BNA_F
ClientSampleId :
TP-6-S

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	9.6	8.2	12.2



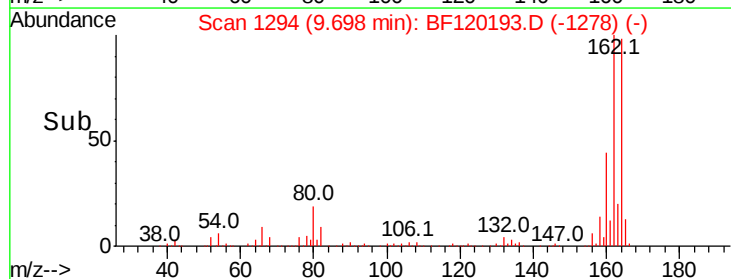
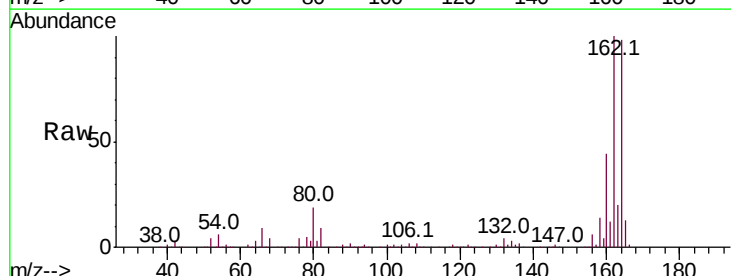
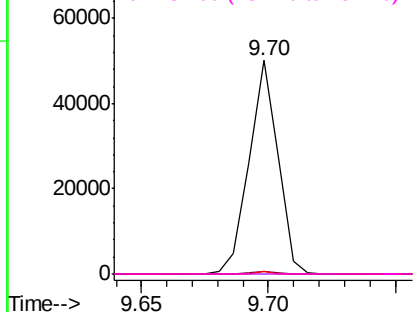
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

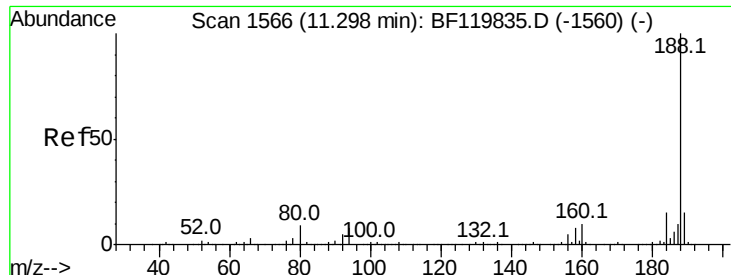


#57
2,4-Dinitrotoluene
Concen: 5.822 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.21 min
Lab File: BF120193.D
Acq: 24 Apr 2020 11:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	1.1	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: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

Instrument :

BNA_F

ClientSampleId :

TP-6-S

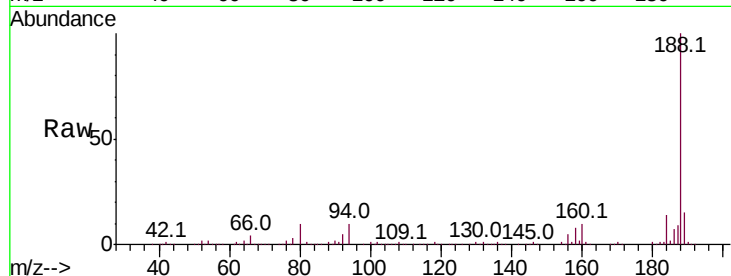
Tot Ion:188 Resp: 557668

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

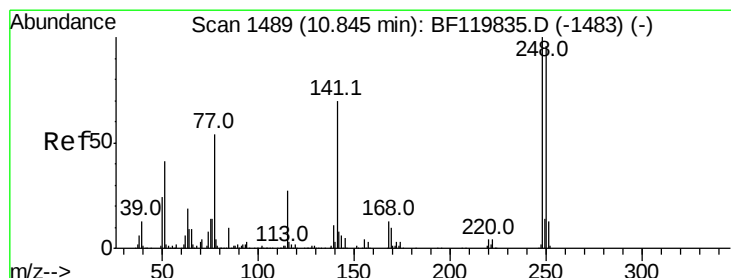
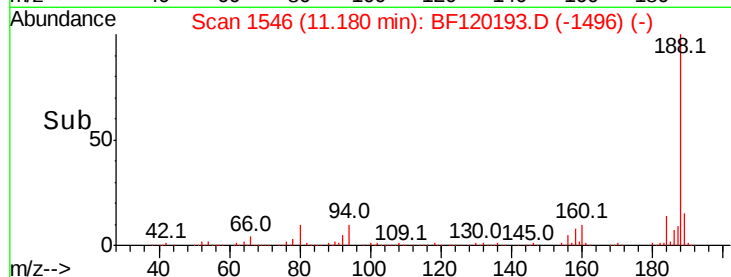
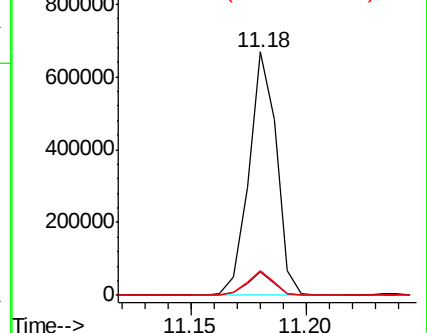
80 10.3 9.0 13.4



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



#67

4-Bromophenyl-phenylether

Concen: 2.203 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.25 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

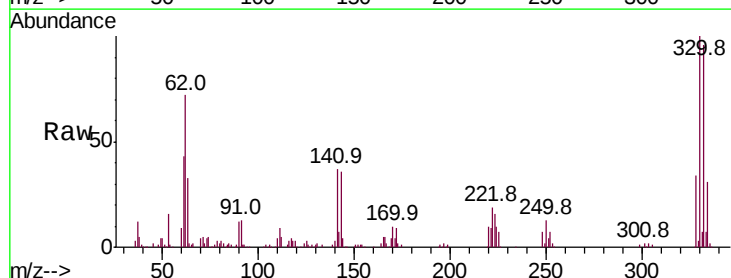
Tgt Ion:248 Resp: 15279

Ion Ratio Lower Upper

248 100

250 190.3 77.3 115.9#

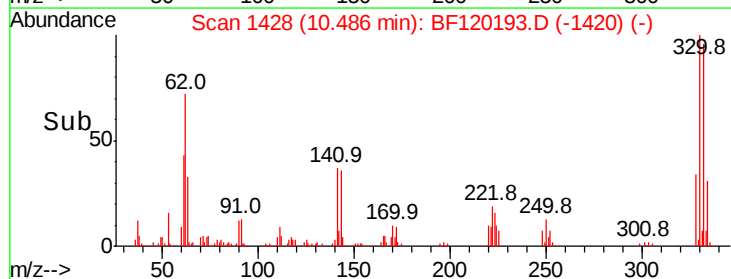
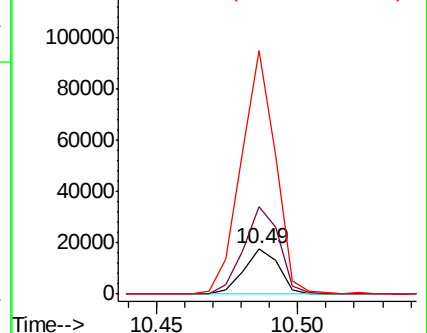
141 532.1 58.6 87.8#

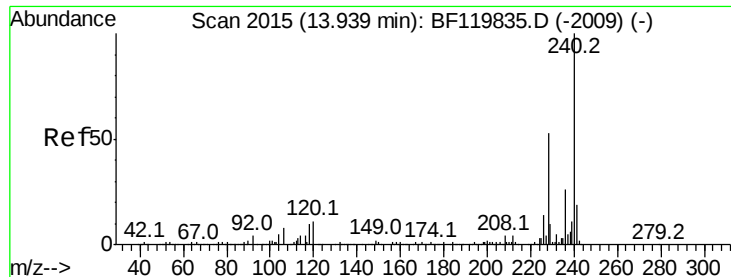


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

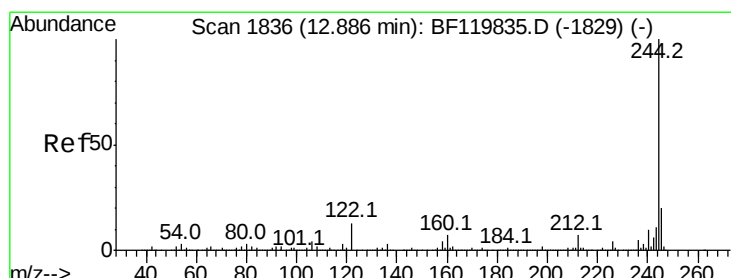
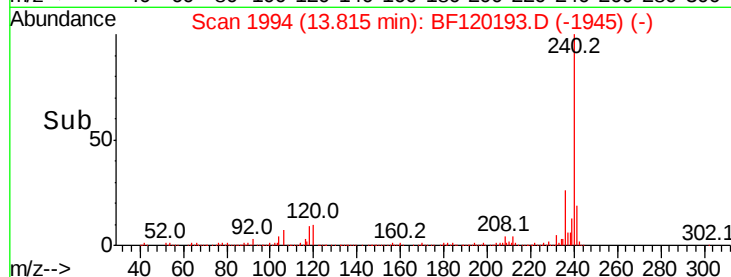
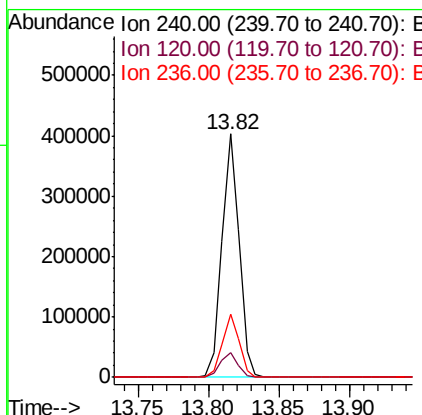
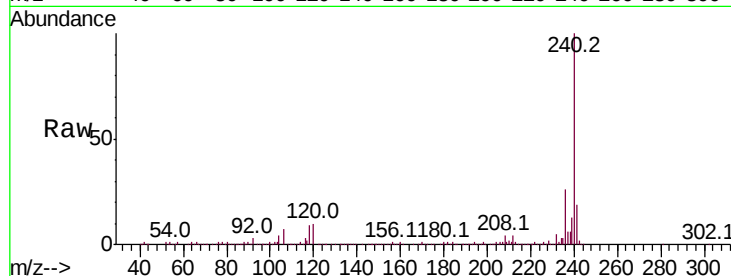




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120193.D
 Acq: 24 Apr 2020 11:07

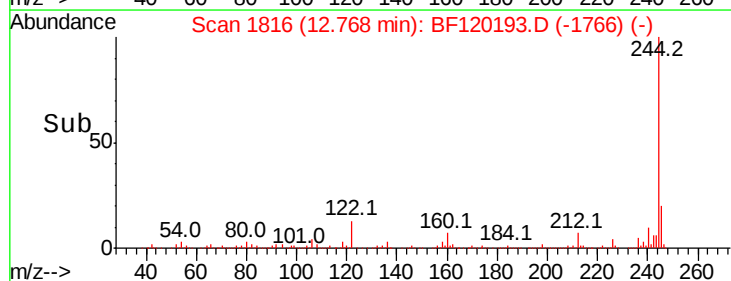
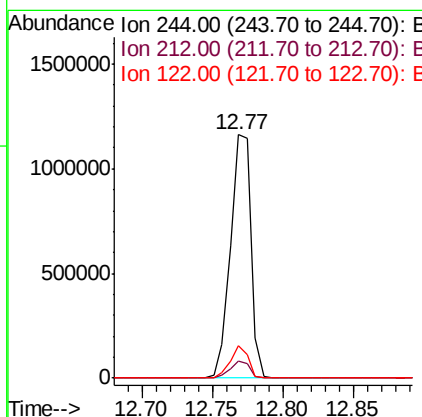
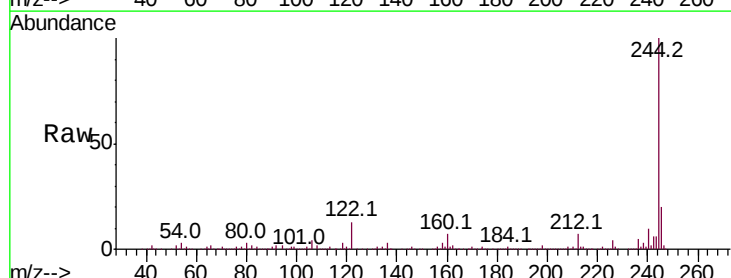
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

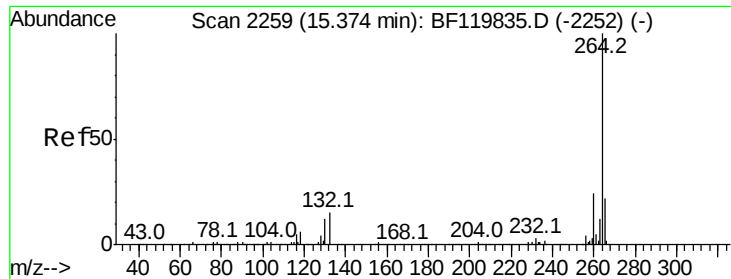
Tot Ion:240 Resp: 342120
 Ion Ratio Lower Upper
 240 100
 120 10.3 10.6 15.8#
 236 26.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 57.883 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120193.D
 Acq: 24 Apr 2020 11:07

Tgt Ion:244 Resp: 1176879
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 13.3 10.3 15.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

Instrument :

BNA_F

ClientSampleId :

TP-6-S

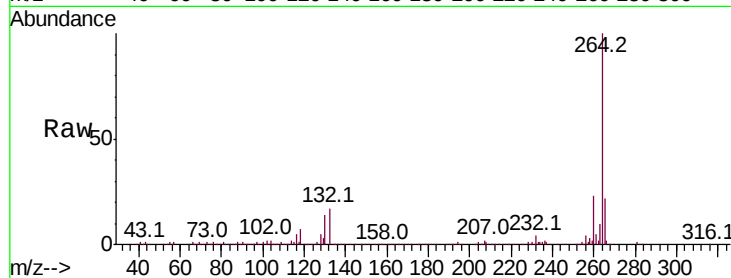
Tot Ion:264 Resp: 284026

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

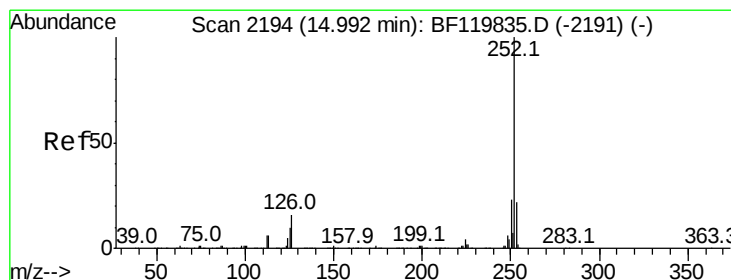
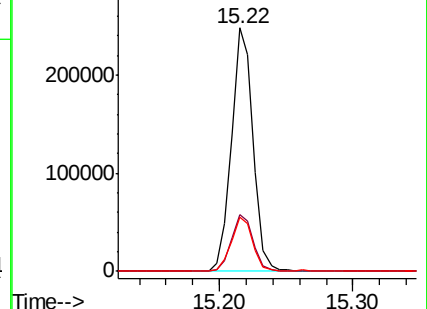
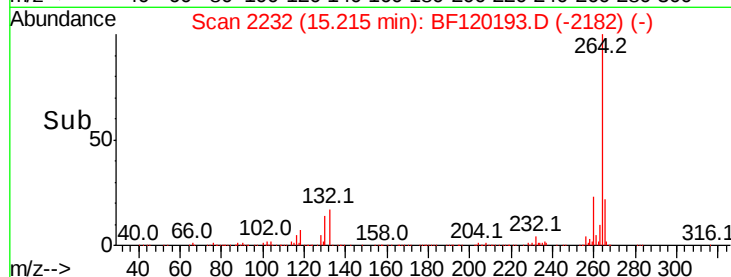
265 22.2 17.7 26.5



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



#89

Benzo(k)fluoranthene

Concen: 2.095 ng

RT: 14.82 min Scan# 2165

Delta R.T. -0.04 min

Lab File: BF120193.D

Acq: 24 Apr 2020 11:07

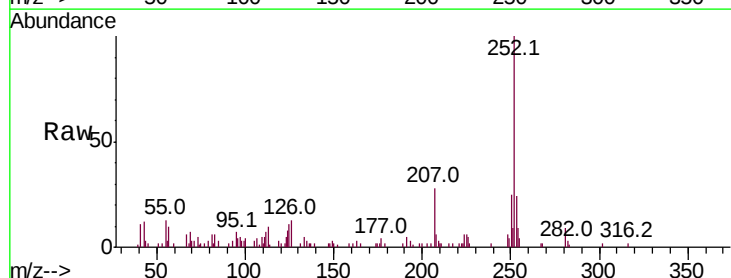
Tgt Ion:252 Resp: 36926

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 11.5 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

