

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
 Data File : BF120216.D
 Acq On : 27 Apr 2020 14:01
 Operator : MA/SJ
 Sample : PB128487BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BL

Quant Time: Apr 27 14:36:57 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	124421	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	471953	20.00	ng	-0.01
39) Acenaphthene-d10	9.70	164	244023	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	480545	20.00	ng	0.00
76) Chrysene-d12	13.82	240	362242	20.00	ng	-0.02
87) Perylene-d12	15.23	264	291596	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	1083436	150.49	ng	0.00
7) Phenol-d6	6.32	99	1395647	150.44	ng	-0.01
23) Nitrobenzene-d5	7.23	82	860640	94.34	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	386788	129.46	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1669455	97.13	ng	0.00
79) Terphenyl-d14	12.78	244	1952524	90.70	ng	0.00

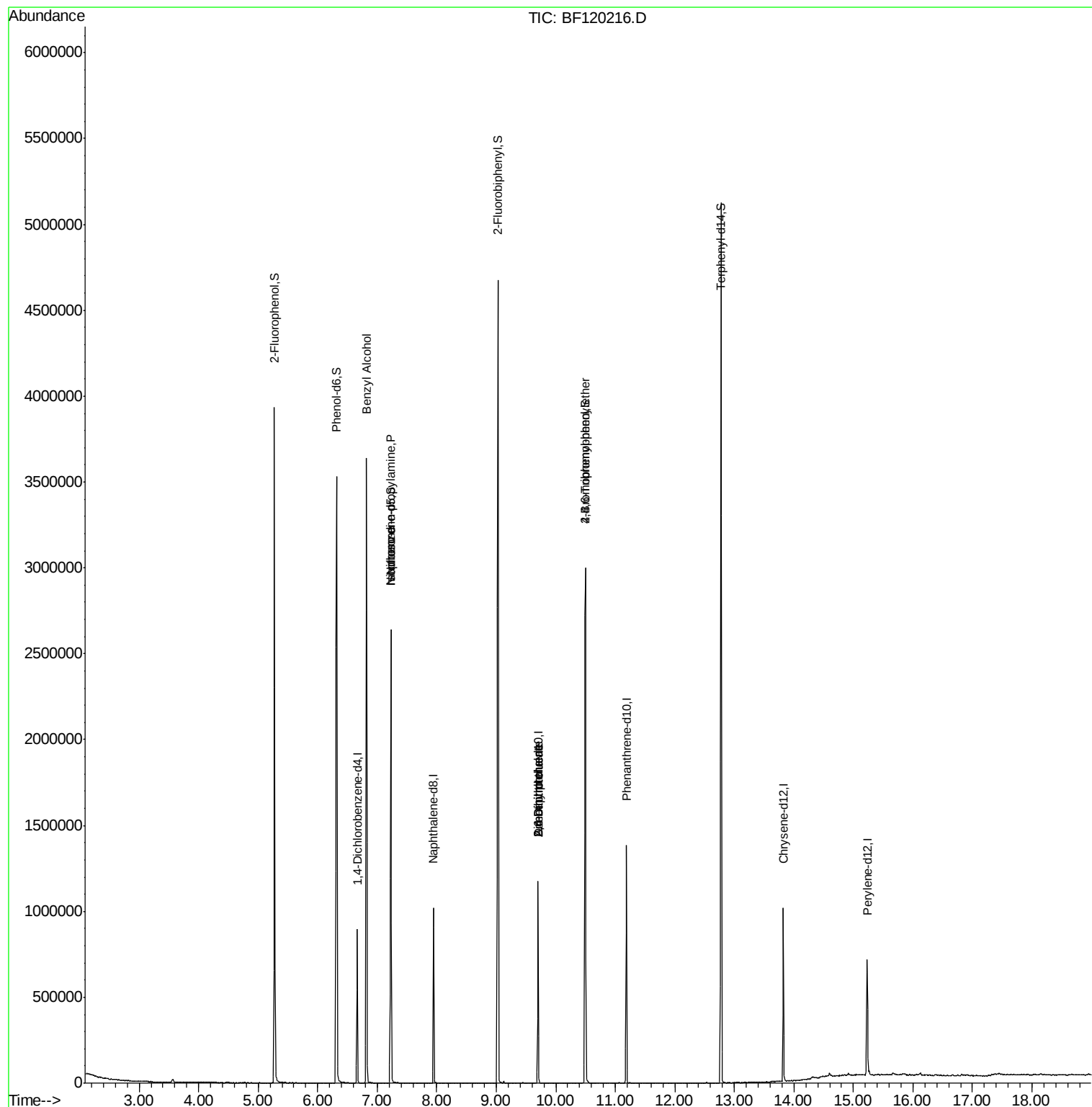
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.32	77	1756	Below Cal	#	1
15) Benzyl Alcohol	6.82	79	14632	2.031 ng	#	49
19) n-Nitroso-di-n-propylamine	7.23	70	112021	18.778 ng	#	76
25) Isophorone	7.23	82	860633	48.939 ng	#	65
50) Dimethylphthalate	9.70	163	54737	2.900 ng	#	1
51) 2,6-Dinitrotoluene	9.70	165	32232	7.798 ng	#	26
57) 2,4-Dinitrotoluene	9.70	165	32232	5.919 ng	#	20
67) 4-Bromophenyl-phenylether	10.50	248	24144	4.040 ng	#	1

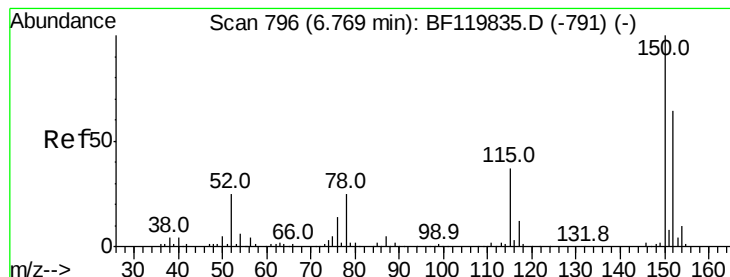
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042720\
Data File : BF120216.D
Acq On : 27 Apr 2020 14:01
Operator : MA/SJ
Sample : PB128487BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Quant Time: Apr 27 14:36:57 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



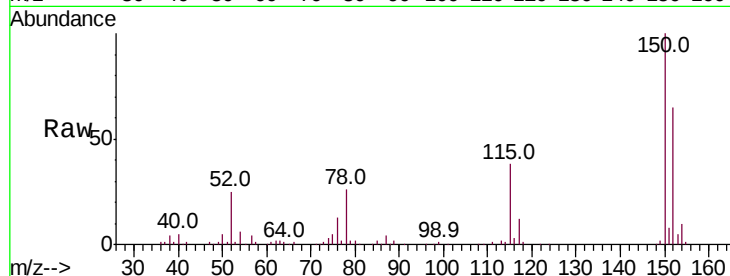


#1

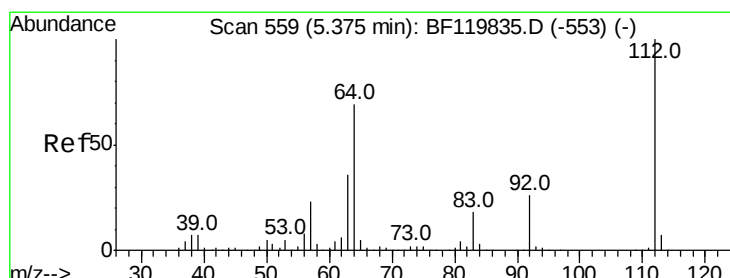
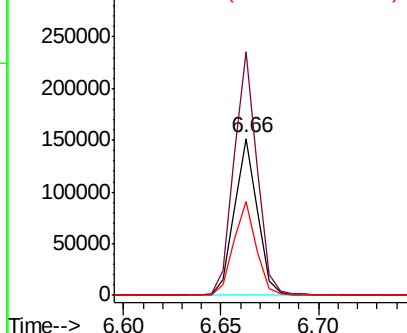
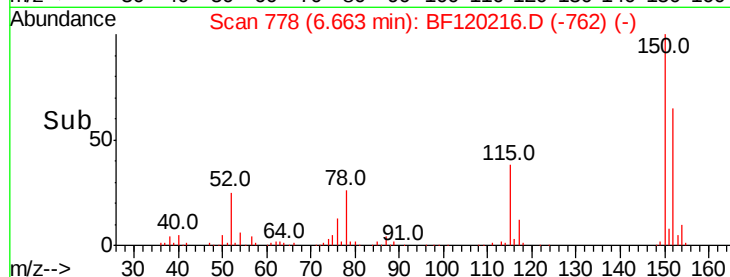
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BL

Tot Ion:152 Resp: 124421
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.5 186.7
 115 59.7 49.6 74.4



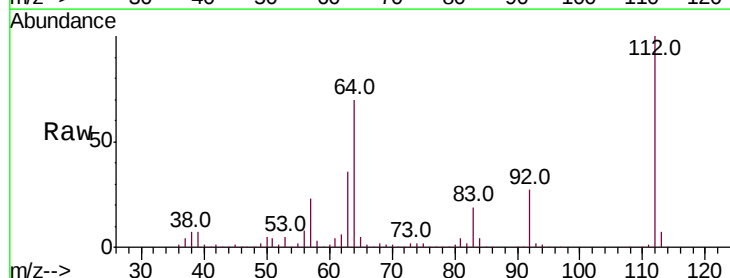
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



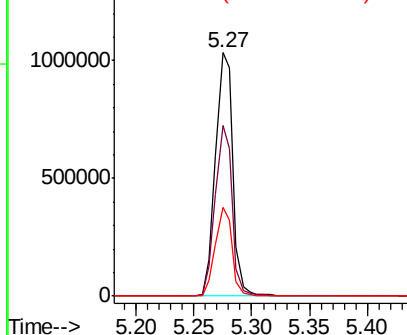
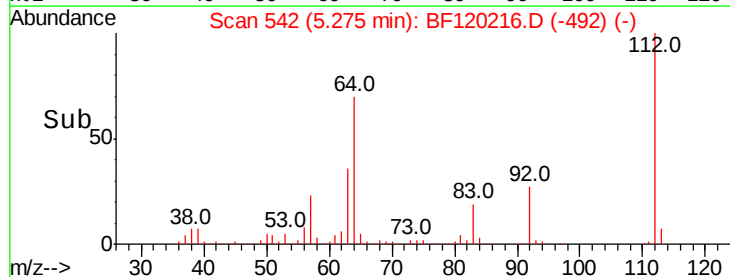
#5

2-Fluorophenol
 Concen: 150.487 ng
 RT: 5.27 min Scan# 542
 Delta R.T. -0.01 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Tgt Ion:112 Resp: 1083436
 Ion Ratio Lower Upper
 112 100
 64 70.3 56.7 85.1
 63 36.5 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: 150.443 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB128487BL

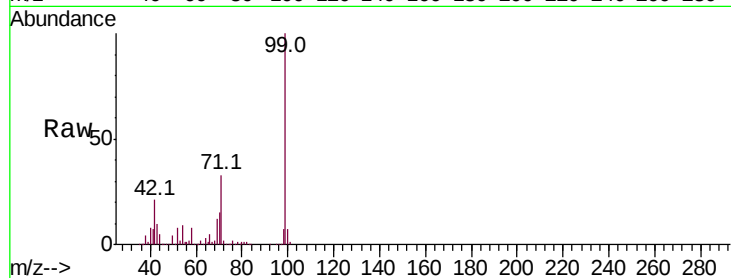
Tot Ion: 99 Resp: 1395647

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

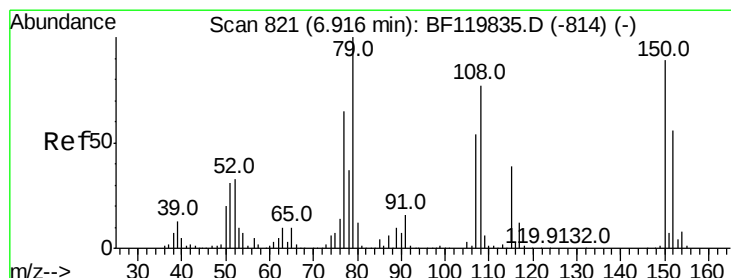
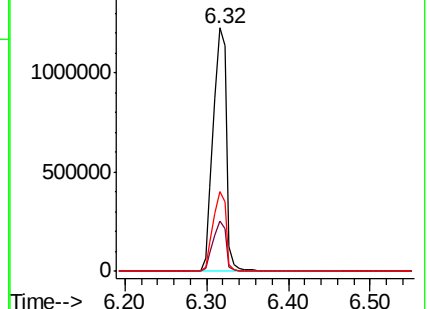
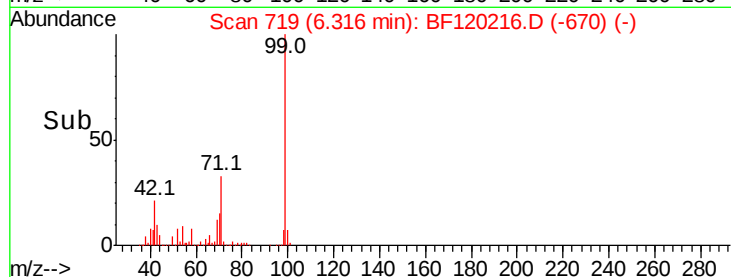
71 33.0 26.4 39.6



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



#15

Benzyl Alcohol

Concen: 2.031 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

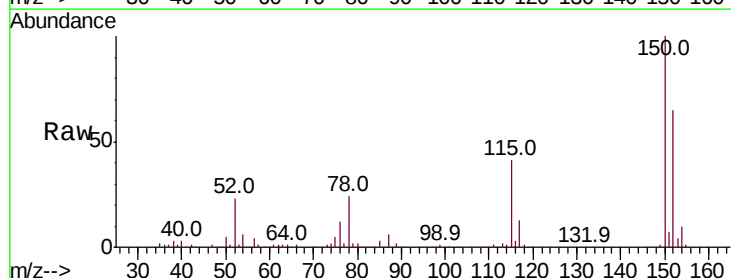
Tgt Ion: 79 Resp: 14632

Ion Ratio Lower Upper

79 100

108 26.1 60.6 90.8#

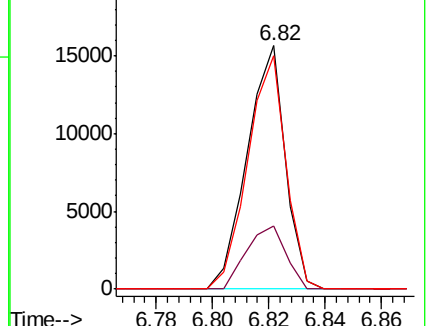
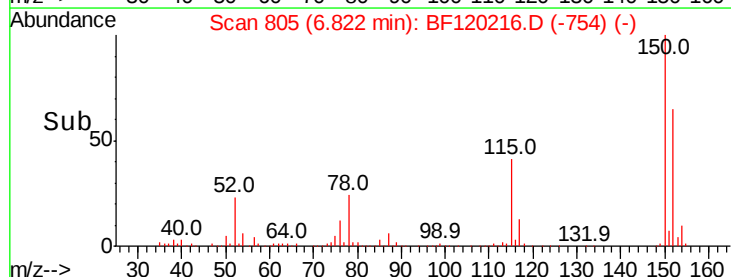
77 95.9 50.2 75.2#

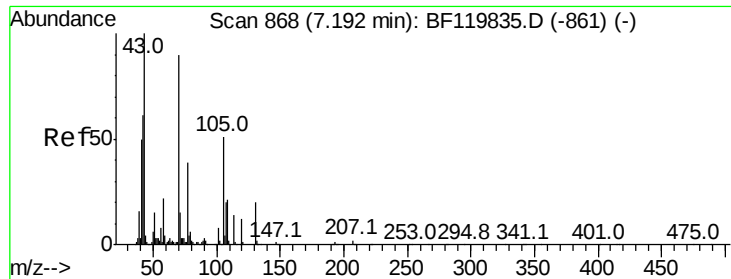


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

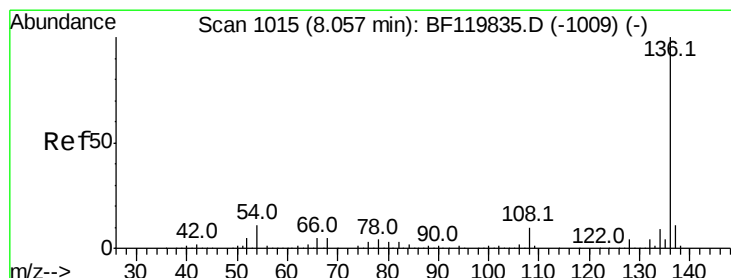
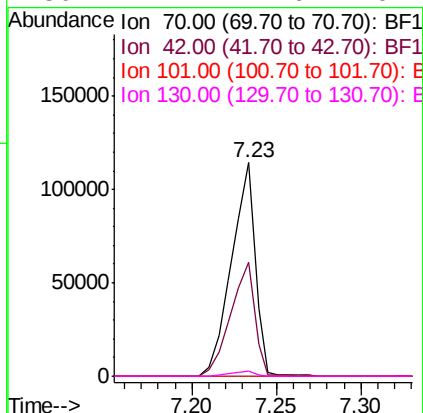
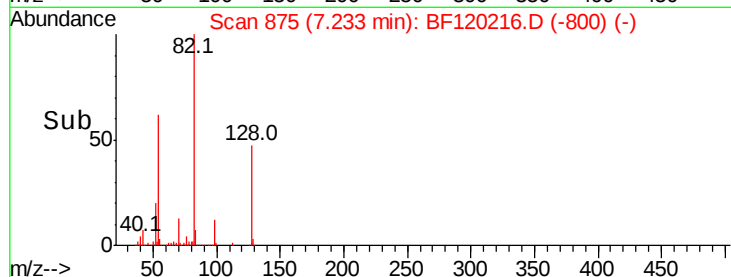
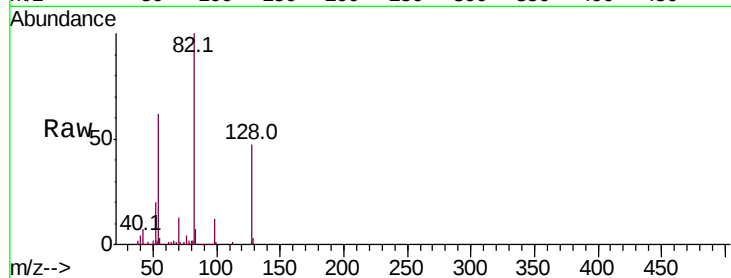




#19
n-Nitroso-di-n-propylamine
Concen: 18.778 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.14 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

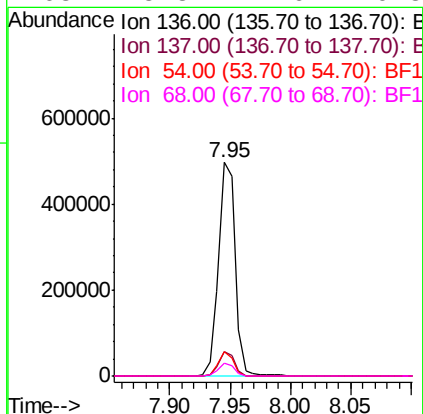
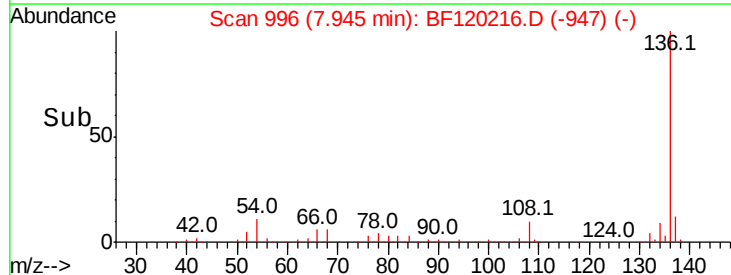
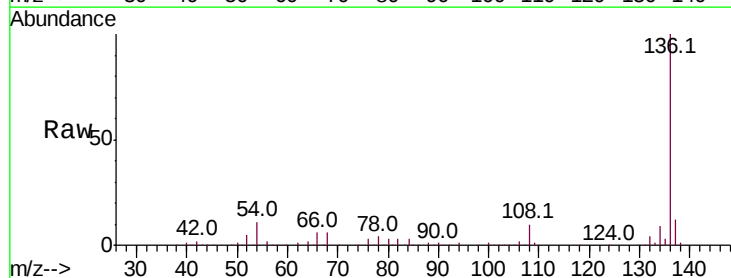
Instrument :
BNA_F
ClientSampleId :
PB128487BL

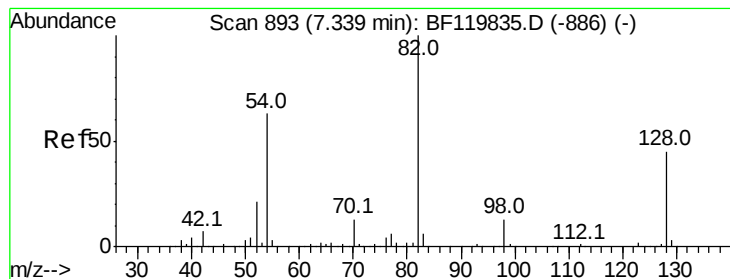
Tot Ion:	70	Resp:	112021
Ion	Ratio	Lower	Upper
70	100		
42	53.5	54.5	81.7#
101	0.0	7.6	11.4#
130	2.4	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:	136	Resp:	471953
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.3	9.1	13.7
68	5.8	4.6	6.8





#23

Nitrobenzene-d5

Concen: 94.340 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB128487BL

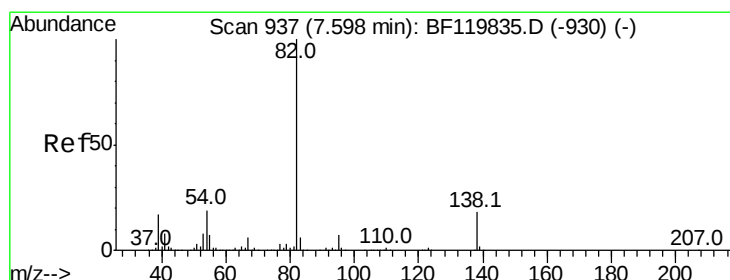
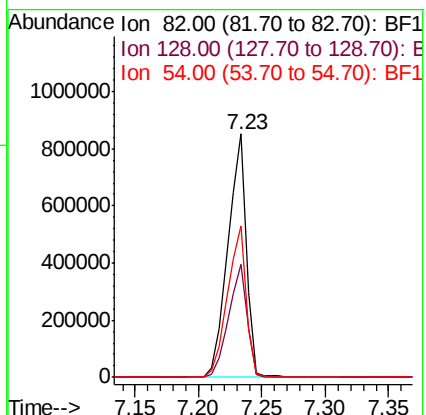
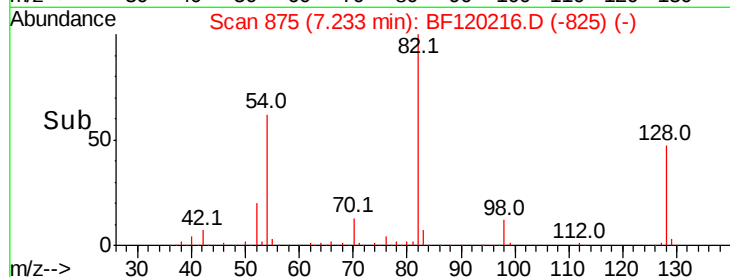
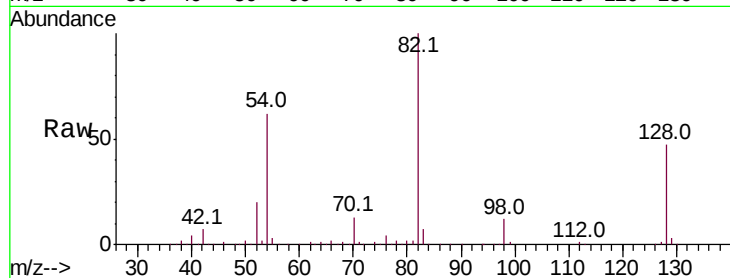
Tot Ion: 82 Resp: 860640

Ion Ratio Lower Upper

82 100

128 46.6 36.3 54.5

54 62.4 50.6 75.8



#25

Isophorone

Concen: 48.939 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

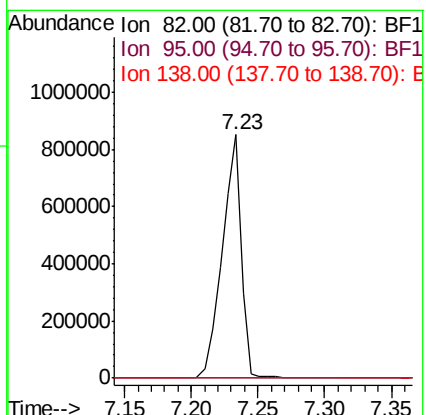
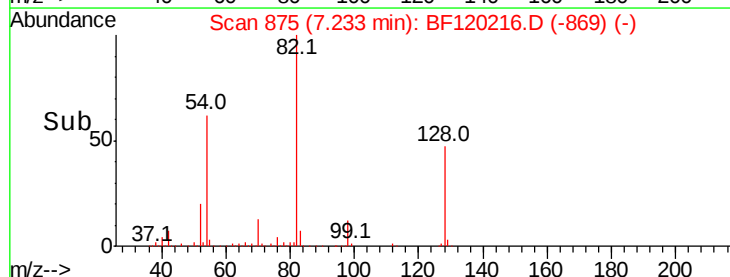
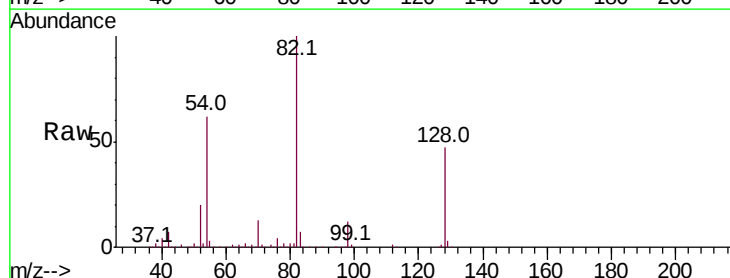
Tgt Ion: 82 Resp: 860633

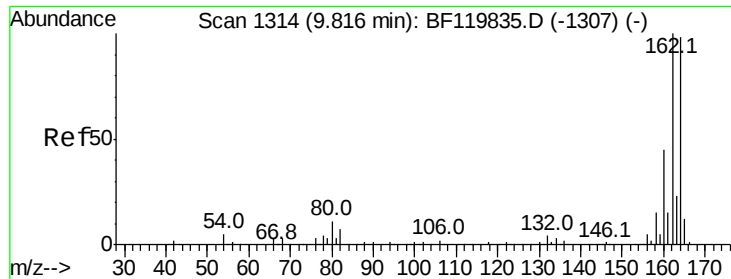
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 14.6 21.8#

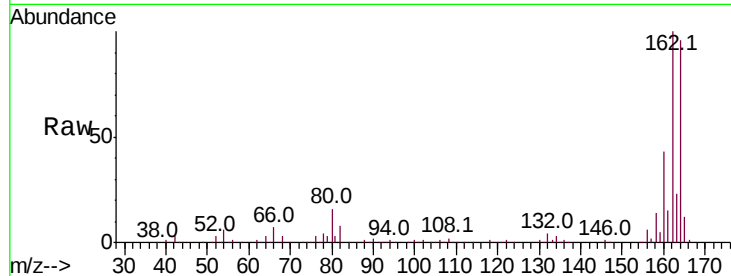




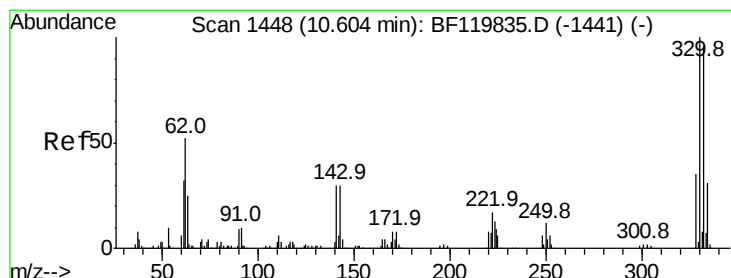
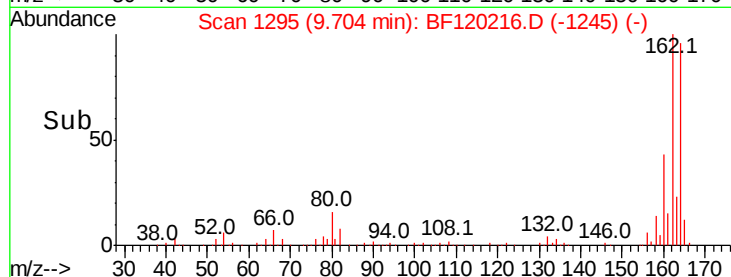
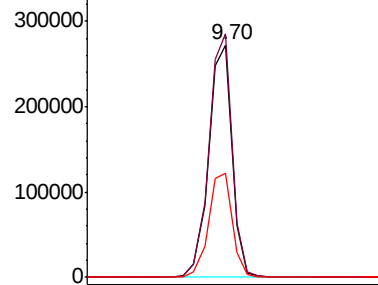
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB128487BL

Tot Ion:164 Resp: 244023
Ion Ratio Lower Upper
164 100
162 104.7 80.6 121.0
160 44.8 35.7 53.5

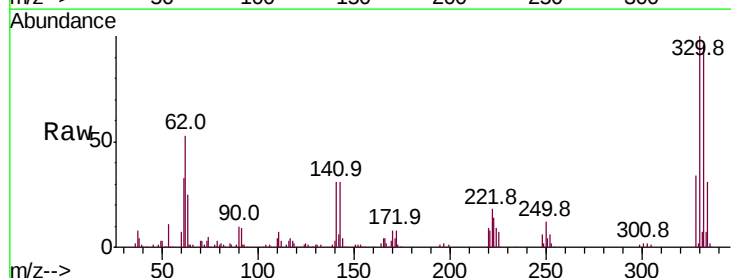


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

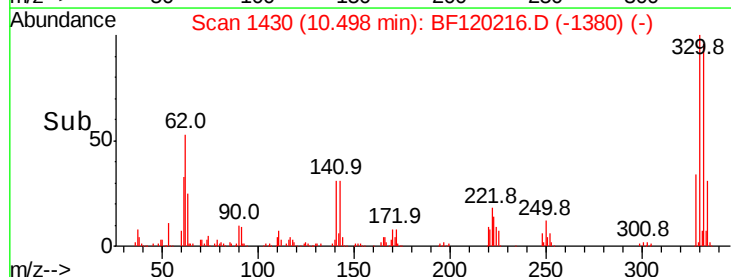
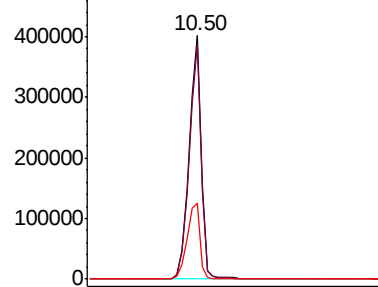


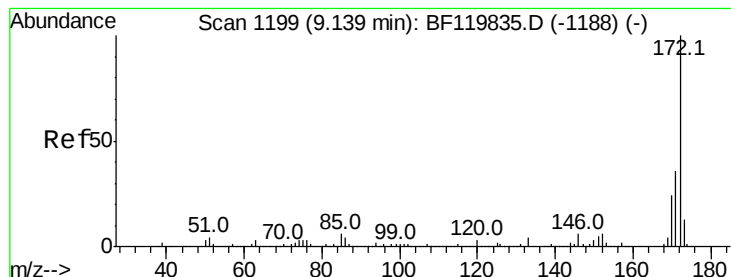
#42
2,4,6-Tribromophenol
Concen: 129.461 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF120216.D
Acq: 27 Apr 2020 14:01

Tgt Ion:330 Resp: 386788
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 33.5 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: 97.133 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB128487BL

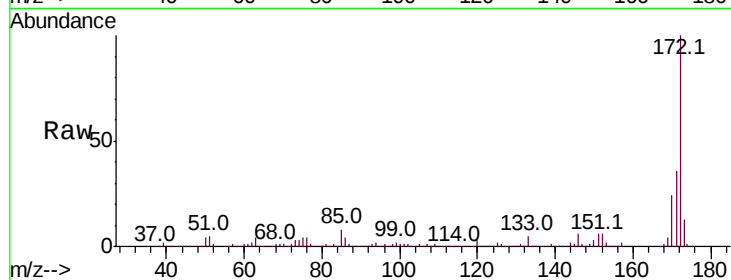
Tot Ion:172 Resp: 1669455

Ion Ratio Lower Upper

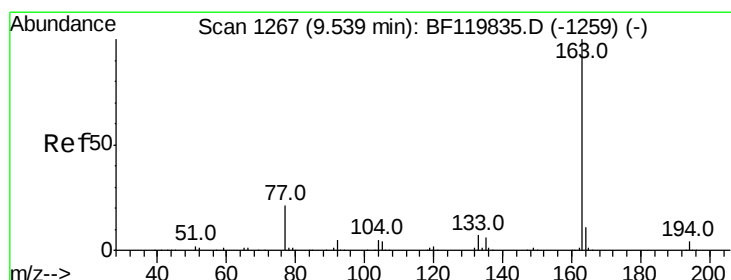
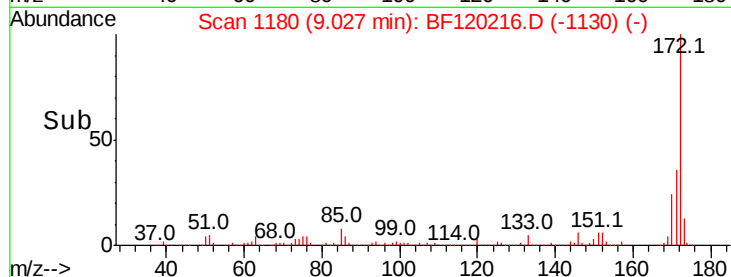
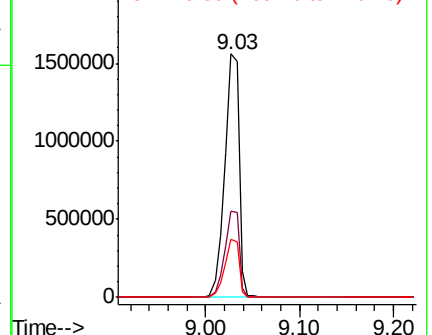
172 100

171 35.6 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: 2.900 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.26 min

Lab File: BF120216.D

Acq: 27 Apr 2020 14:01

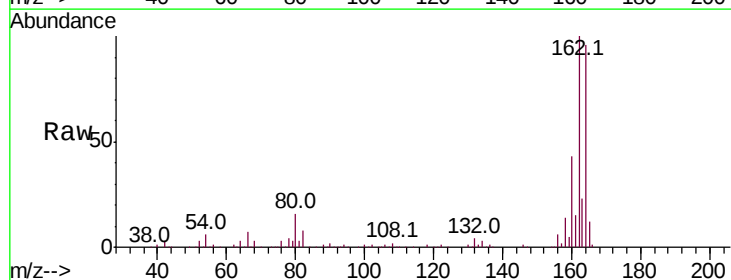
Tgt Ion:163 Resp: 54737

Ion Ratio Lower Upper

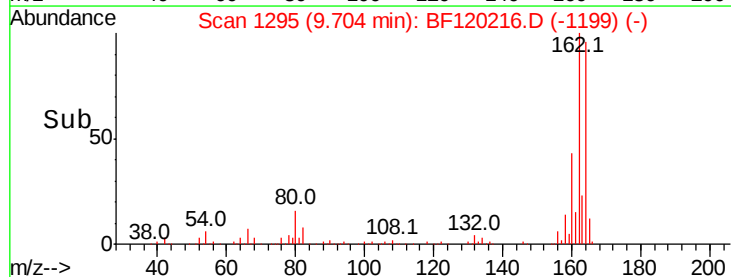
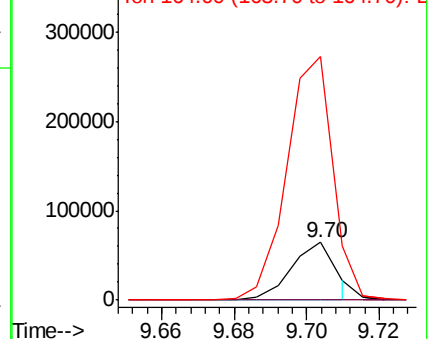
163 100

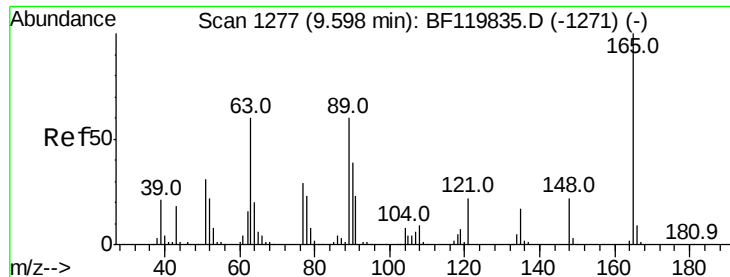
194 0.0 3.1 4.7#

164 423.9 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

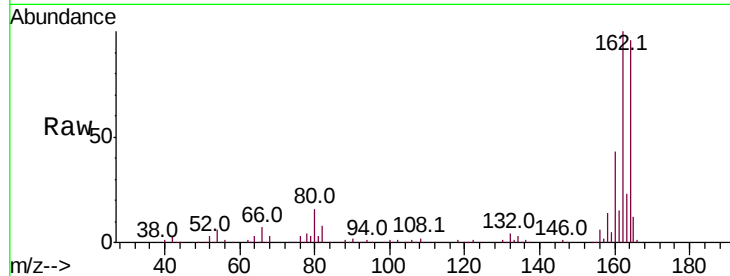




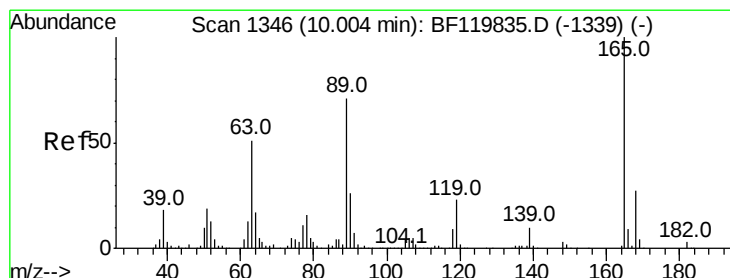
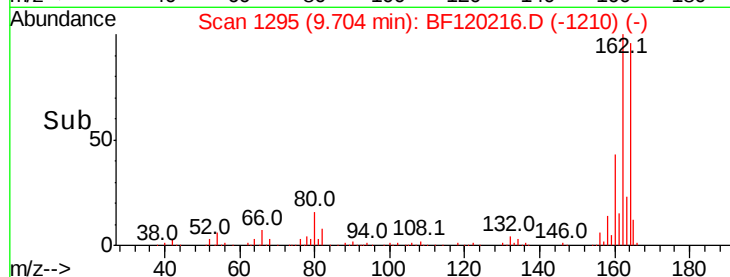
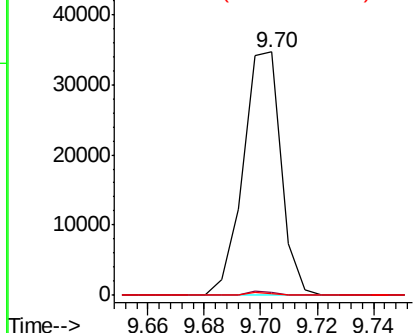
#51
 2,6-Dinitrotoluene
 Concen: 7.798 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.20 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	0.9	41.5	62.3#



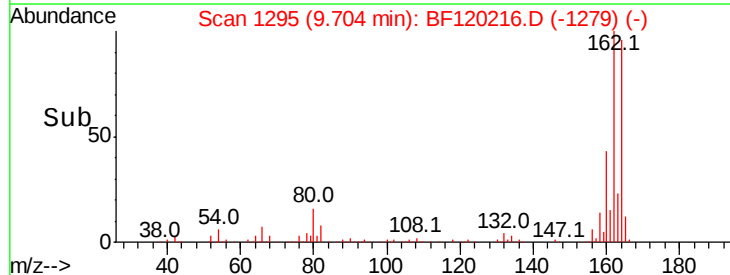
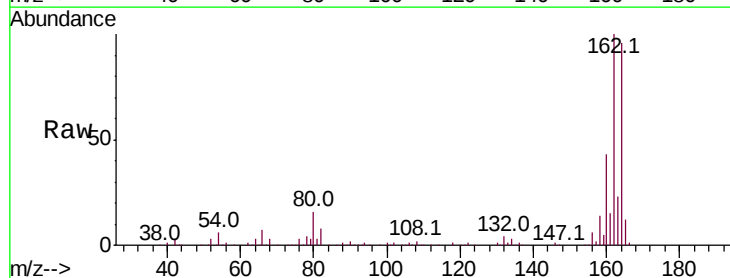
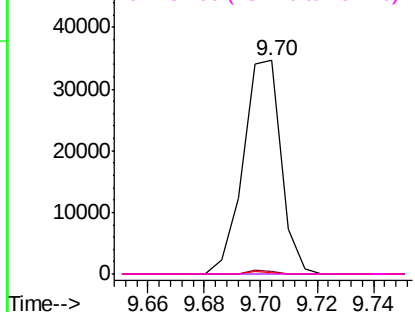
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

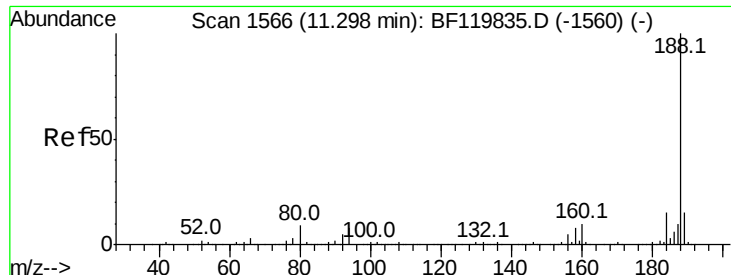


#57
 2,4-Dinitrotoluene
 Concen: 5.919 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.21 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	64.0#
89	0.9	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

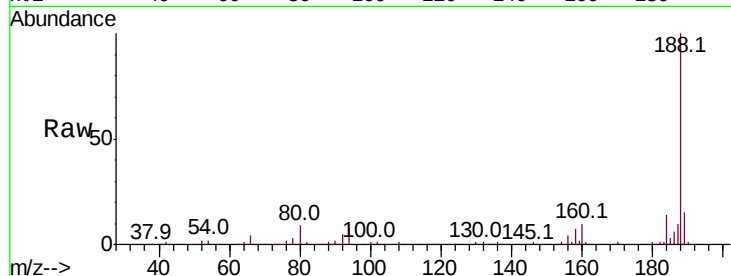




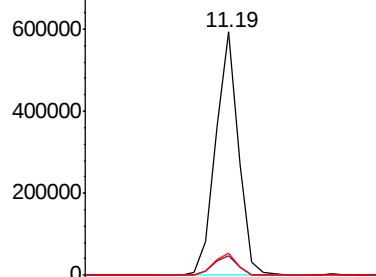
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. -0.01 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BL

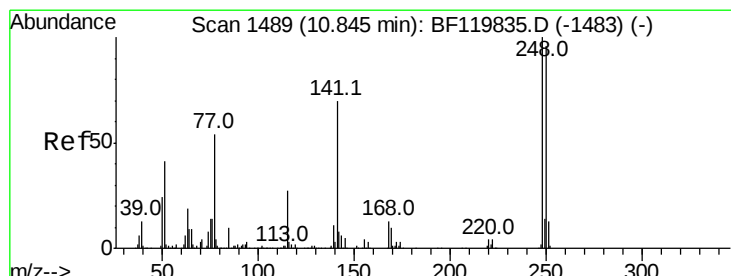
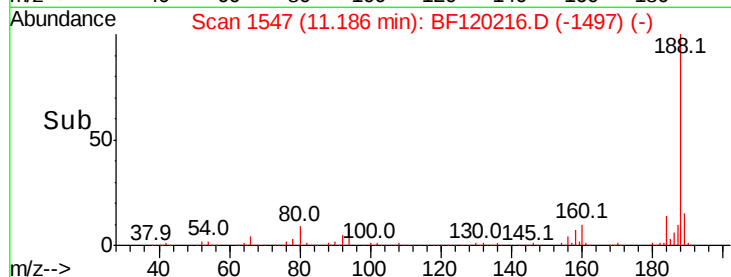
Tot Ion:188	Resp:	480545
Ion Ratio	Lower	Upper
188 100		
94 8.2	7.5	11.3
80 9.1	9.0	13.4



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

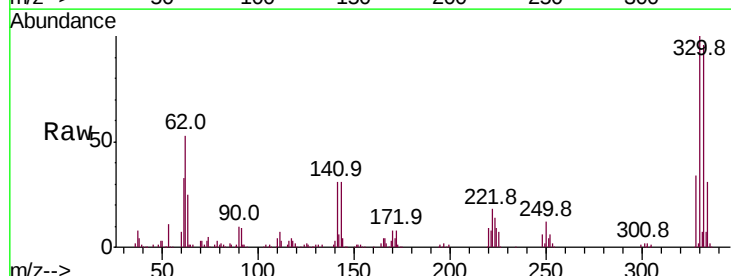


Time-->

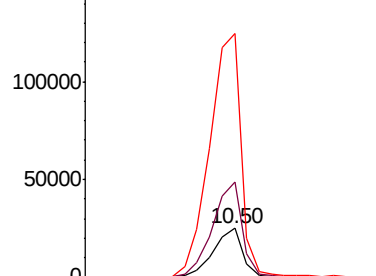


#67
 4-Bromophenyl-phenylether
 Concen: 4.040 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.24 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

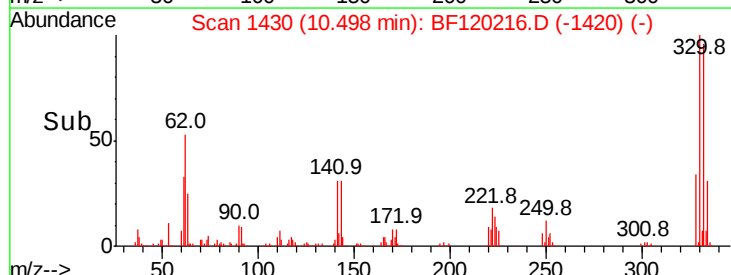
Tgt Ion:248	Resp:	24144
Ion Ratio	Lower	Upper
248 100		
250 195.2	77.3	115.9#
141 497.6	58.6	87.8#

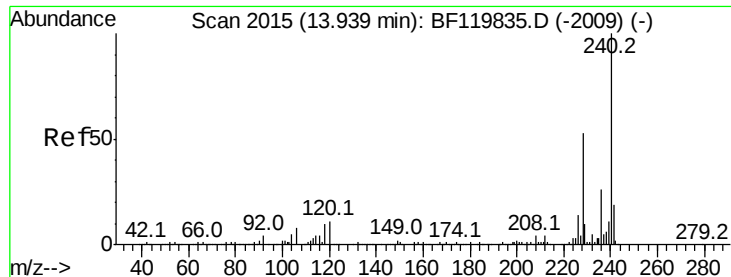


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E



Time-->

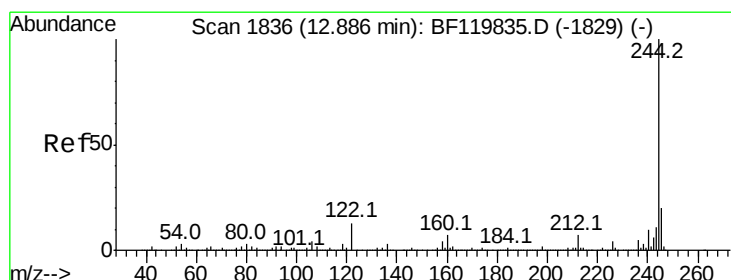
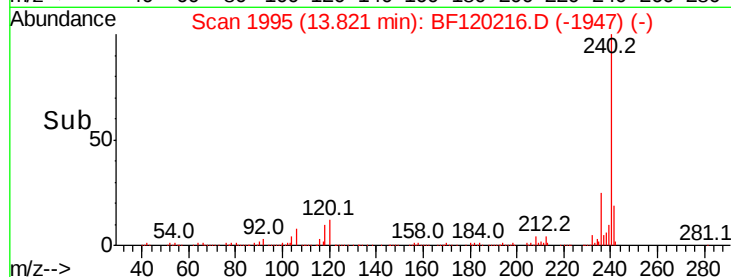
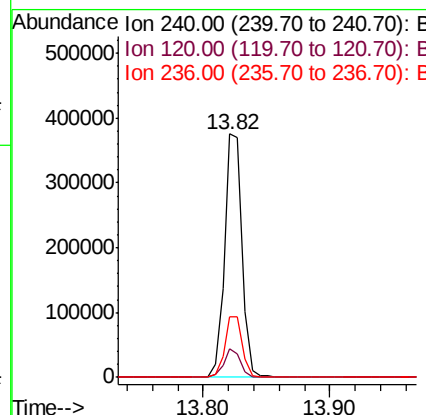
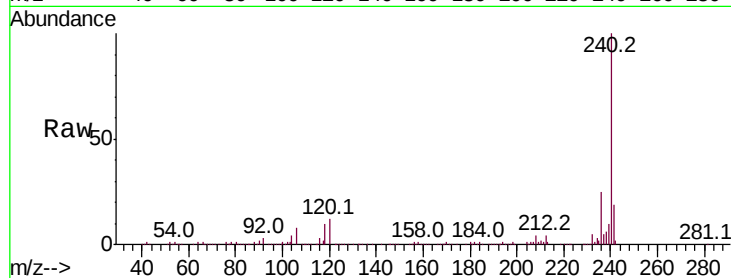




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. -0.02 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

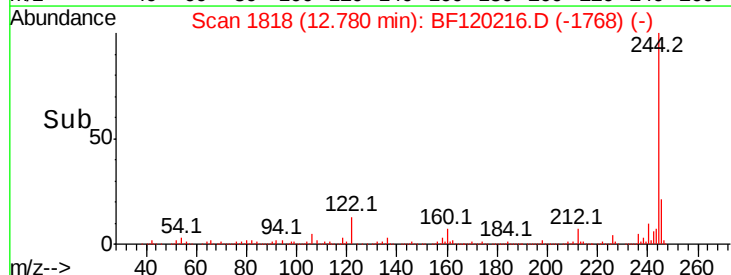
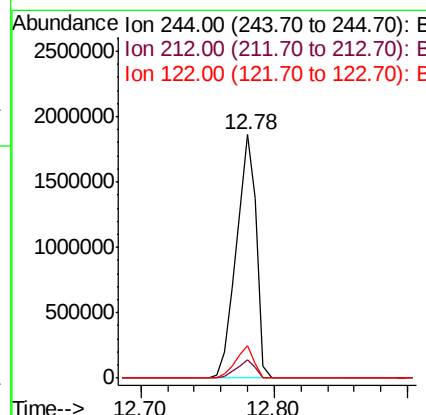
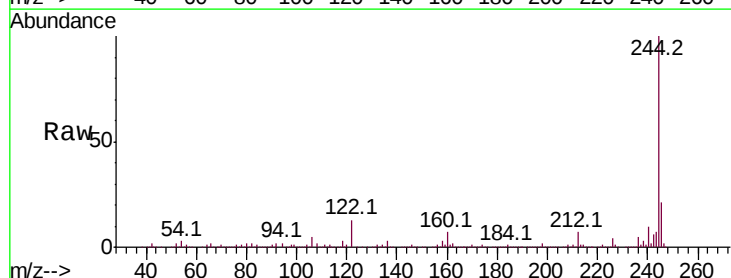
Instrument :
 BNA_F
 ClientSampleID :
 PB128487BL

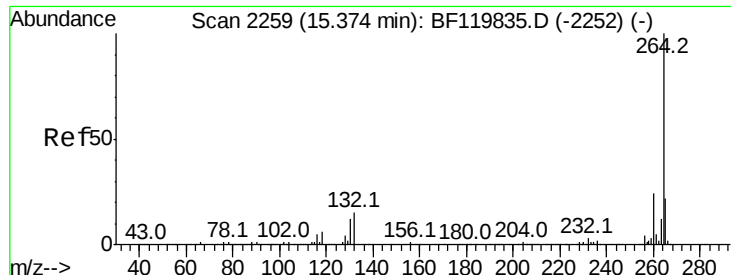
Tot Ion:240 Resp: 362242
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.6 15.8
 236 24.8 20.2 30.2



#79
 Terphenyl-d14
 Concen: 90.697 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Tgt Ion:244 Resp: 1952524
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.4 10.3 15.5

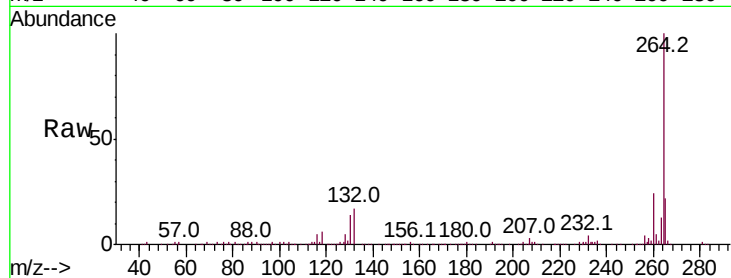




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF120216.D
 Acq: 27 Apr 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB128487BL

Tot Ion:	264	Resp:	291596
Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

