

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF043020\
 Data File : BF120240.D
 Acq On : 30 Apr 2020 15:19
 Operator : MA/SJ
 Sample : PB128574BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BL

Quant Time: Apr 30 15:50:04 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	85313	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	335314	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	171798	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	343002	20.00	ng	0.00
76) Chrysene-d12	13.82	240	298124	20.00	ng	-0.01
87) Perylene-d12	15.22	264	278019	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.25	112	796510	161.35	ng	0.00
7) Phenol-d6	6.30	99	1025239	161.18	ng	0.00
23) Nitrobenzene-d5	7.22	82	592324	91.39	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	281945	134.04	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	1117378	92.34	ng	0.00
79) Terphenyl-d14	12.77	244	1526445	86.15	ng	0.00

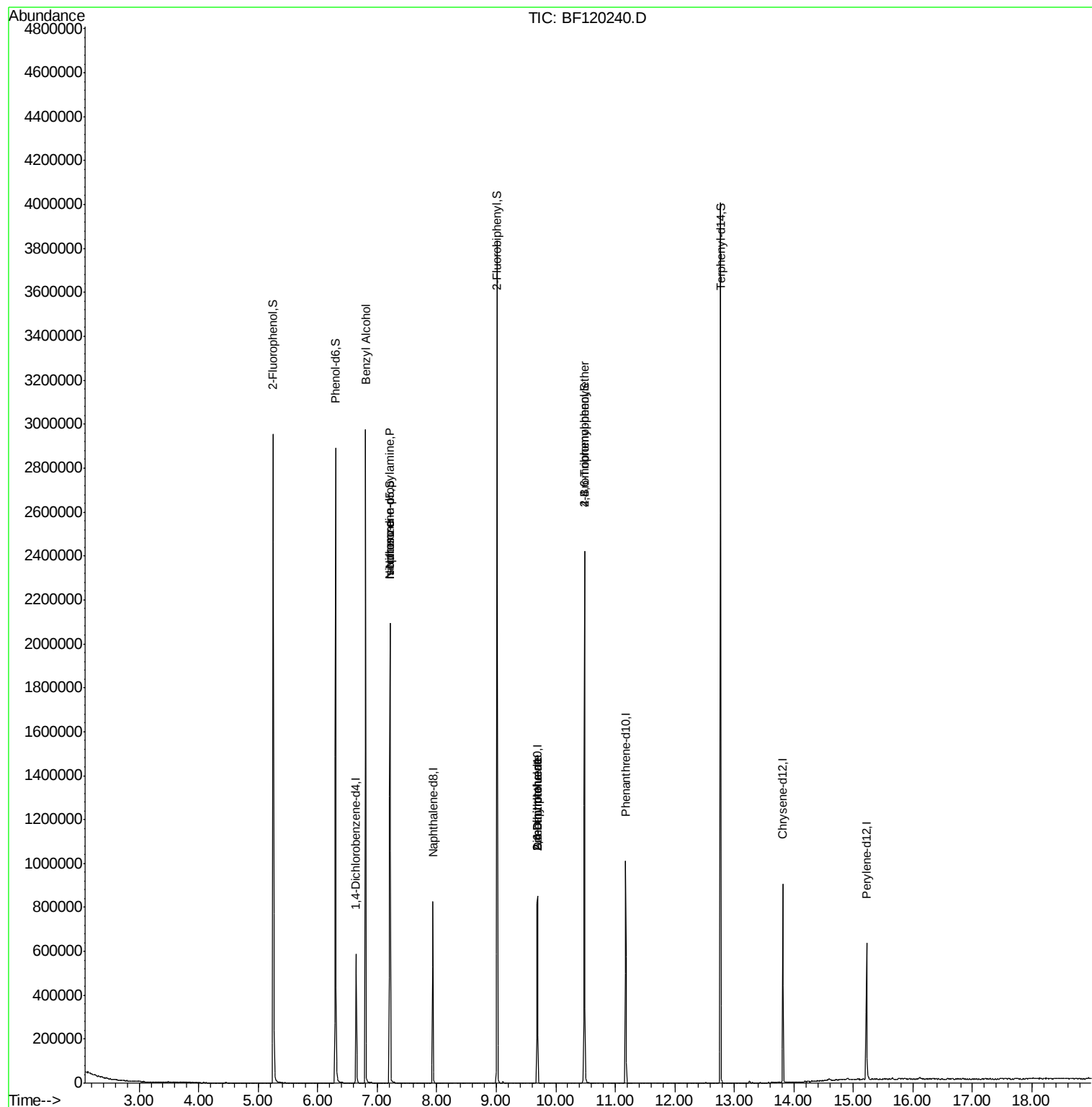
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.30	77	1347	Below Cal	#	1
15) Benzyl Alcohol	6.80	79	10315	2.088	ng	54
19) n-Nitroso-di-n-propylamine	7.22	70	76197	18.628	ng	78
25) Isophorone	7.22	82	592319	47.406	ng	65
50) Dimethylphthalate	9.69	163	37245	2.803	ng	1
51) 2,6-Dinitrotoluene	9.69	165	22094	7.593	ng	26
57) 2,4-Dinitrotoluene	9.69	165	22094	5.763	ng	19
67) 4-Bromophenyl-phenylether	10.48	248	17963	4.211	ng	1

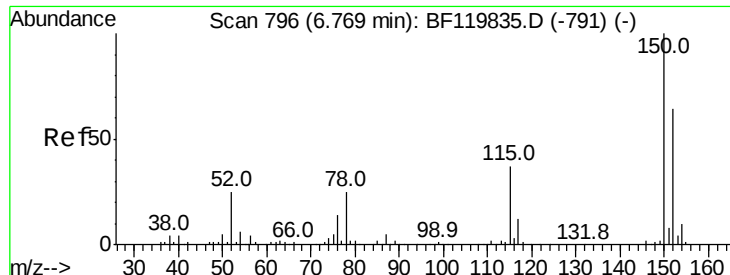
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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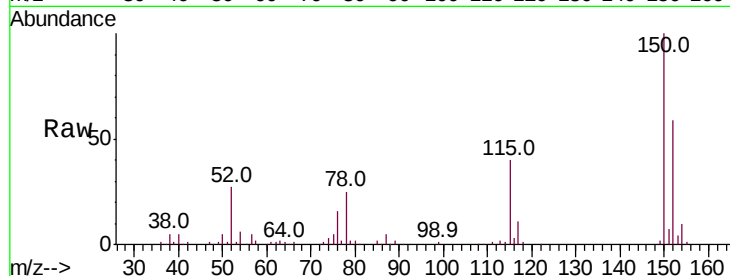


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Instrument :
BNA_F
ClientSampleId :
PB128574BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	168.2	124.5	186.7
115	66.9	49.6	74.4

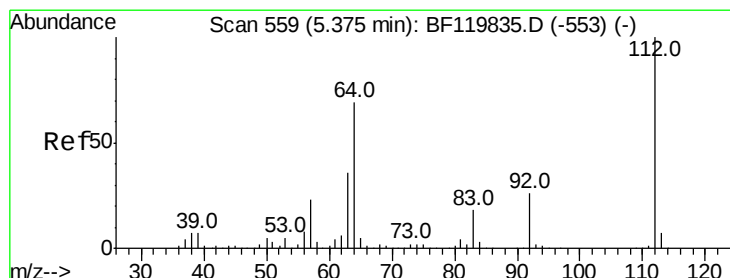
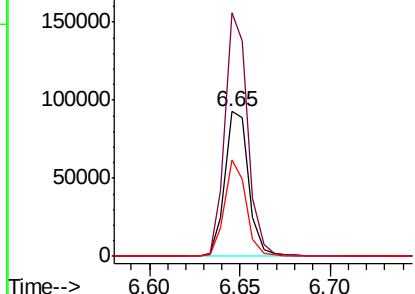
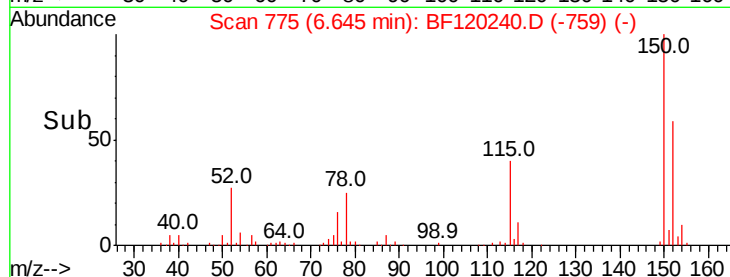


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

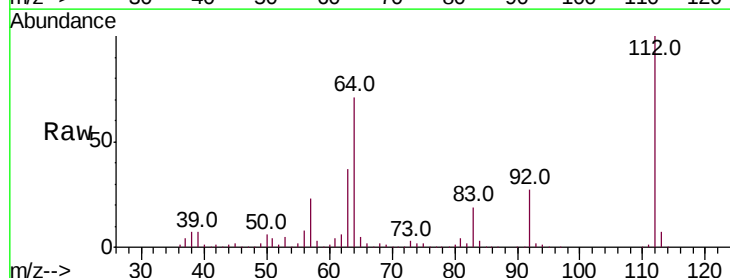
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 161.349 ng
RT: 5.25 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.5	56.7	85.1
63	37.3	29.5	44.3

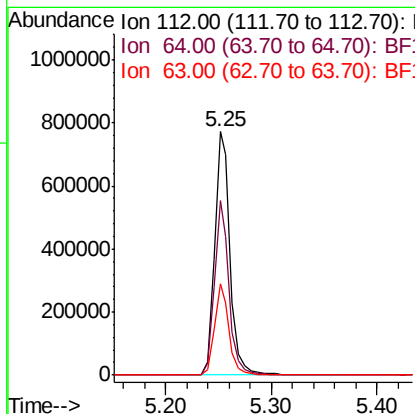
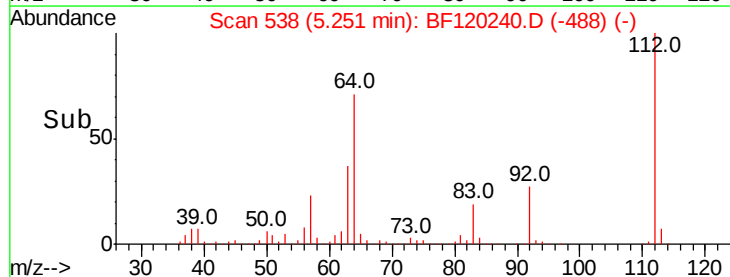


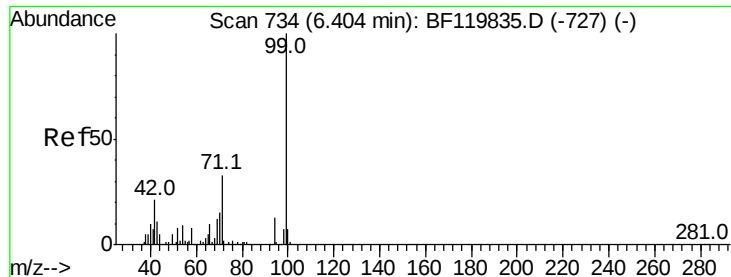
Abundance

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: 161.175 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

Instrument :

BNA_F

ClientSampleId :

PB128574BL

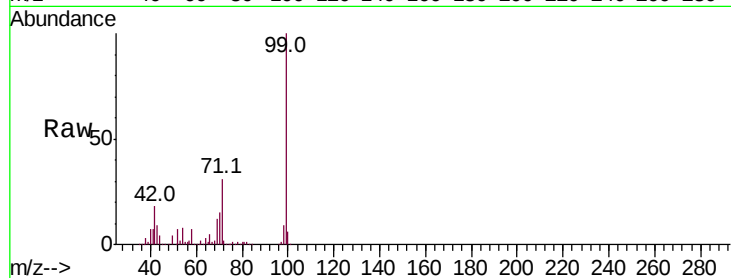
Tot Ion: 99 Resp: 1025239

Ion Ratio Lower Upper

99 100

42 18.4 16.6 24.8

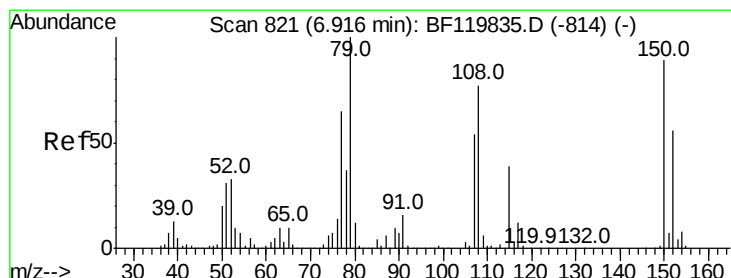
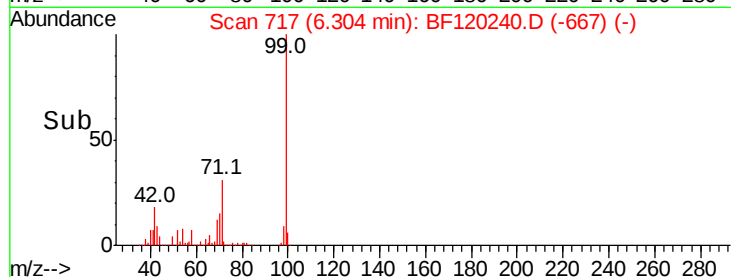
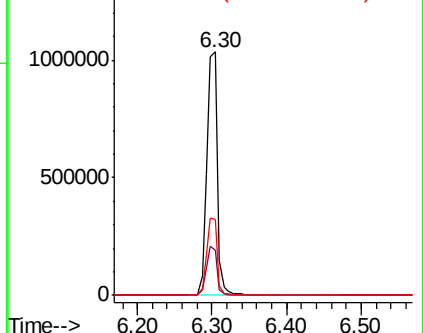
71 31.1 26.4 39.6



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: 2.088 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

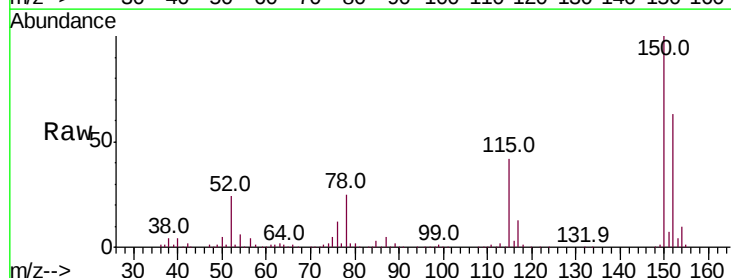
Tgt Ion: 79 Resp: 10315

Ion Ratio Lower Upper

79 100

108 28.4 60.6 90.8#

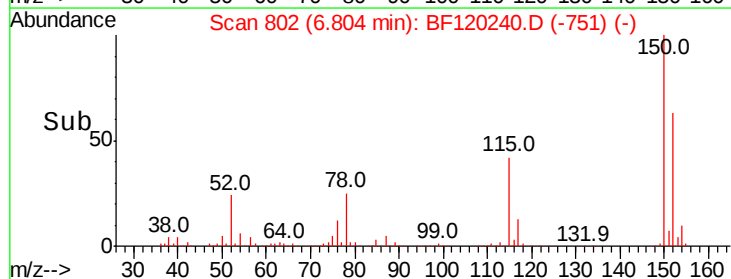
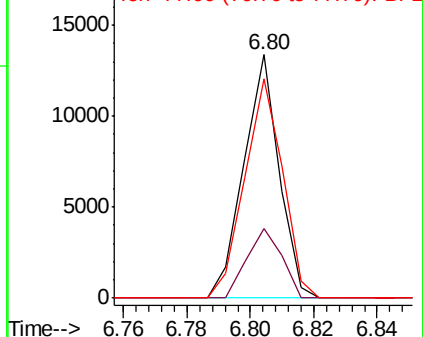
77 89.9 50.2 75.2#

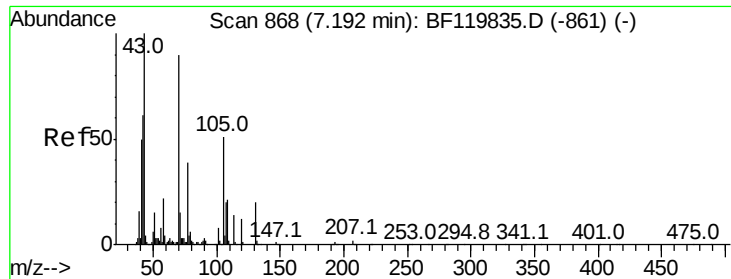


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

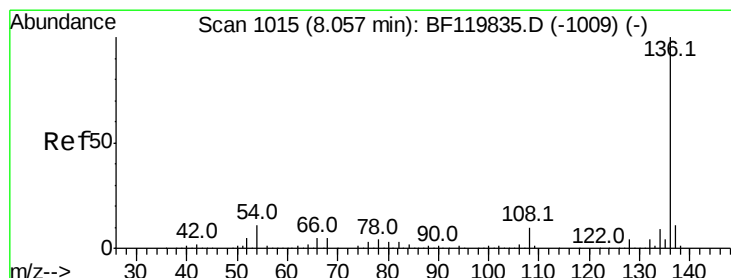
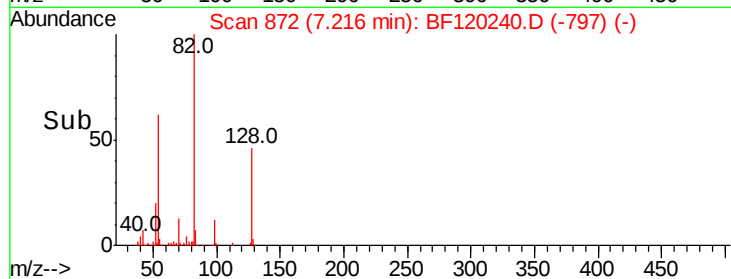
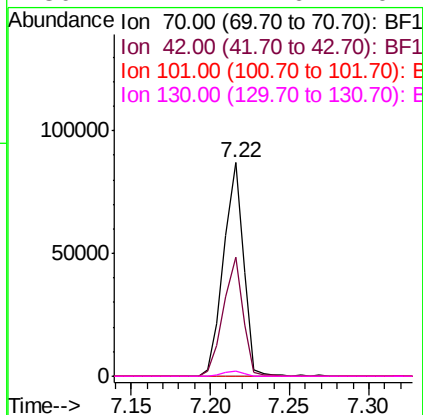
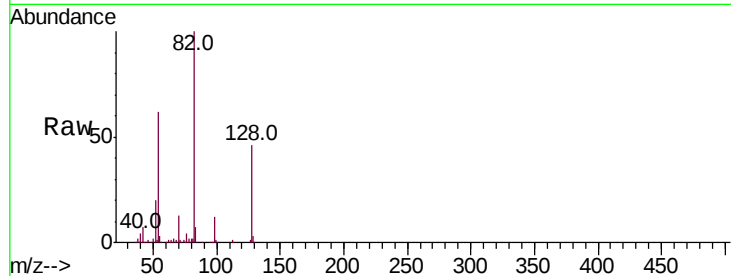




#19
n-Nitroso-di-n-propylamine
Concen: 18.628 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.14 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

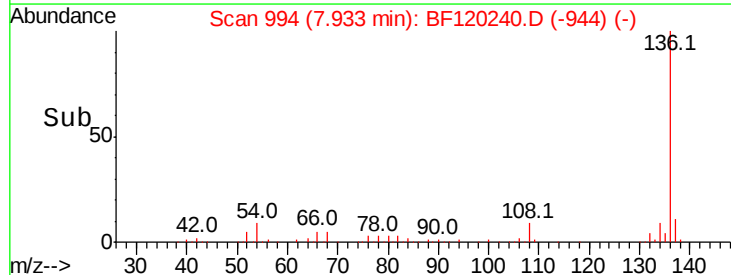
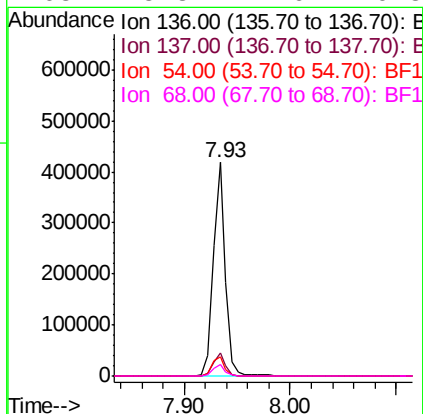
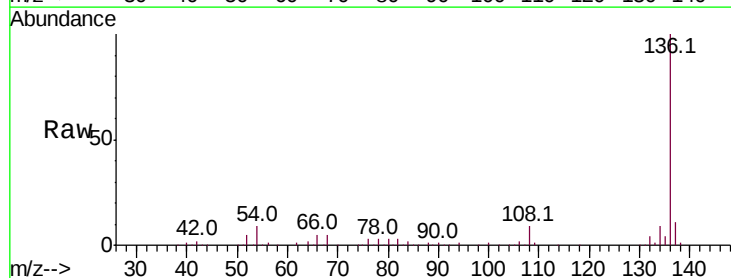
Instrument :
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ClientSampleId :
PB128574BL

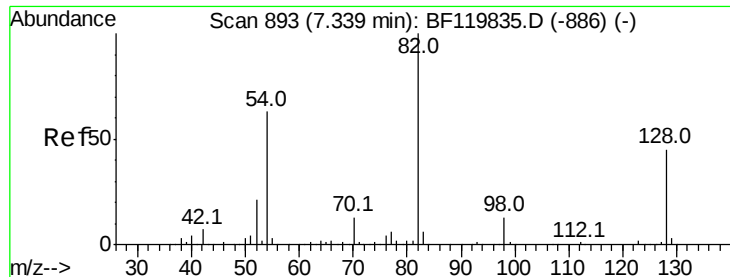
Tot Ion:	70	Resp:	76197
Ion	Ratio	Lower	Upper
70	100		
42	55.9	54.5	81.7
101	0.0	7.6	11.4#
130	2.2	17.6	26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Tgt Ion:	136	Resp:	335314
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	9.3	9.1	13.7
68	5.3	4.6	6.8





#23

Nitrobenzene-d5

Concen: 91.386 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

Instrument :

BNA_F

ClientSampleId :

PB128574BL

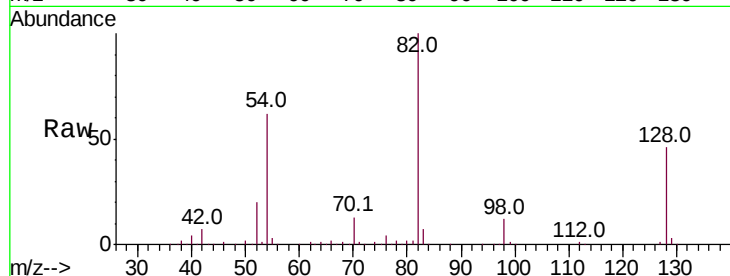
Tot Ion: 82 Resp: 592324

Ion Ratio Lower Upper

82 100

128 45.7 36.3 54.5

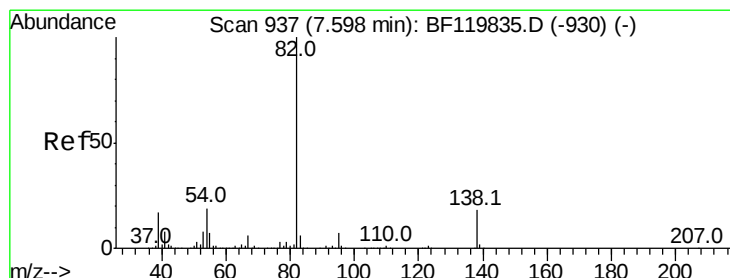
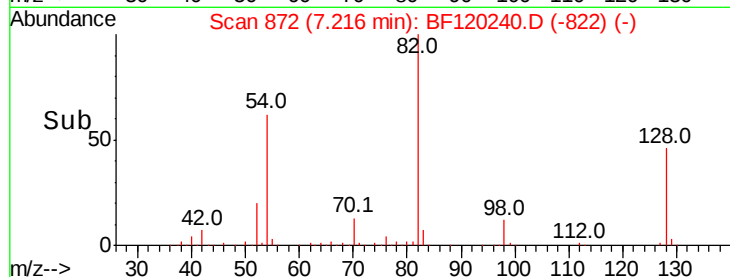
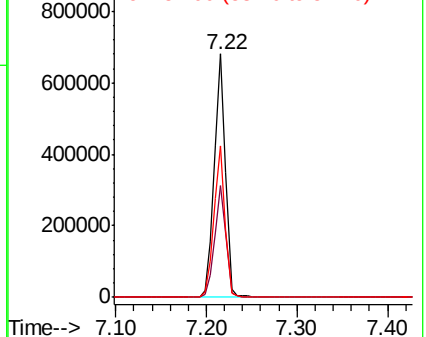
54 62.3 50.6 75.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 47.406 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.26 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

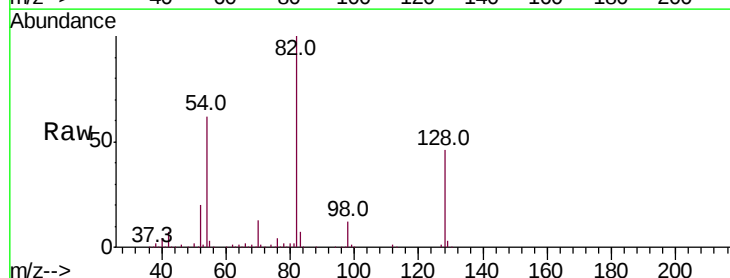
Tgt Ion: 82 Resp: 592319

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

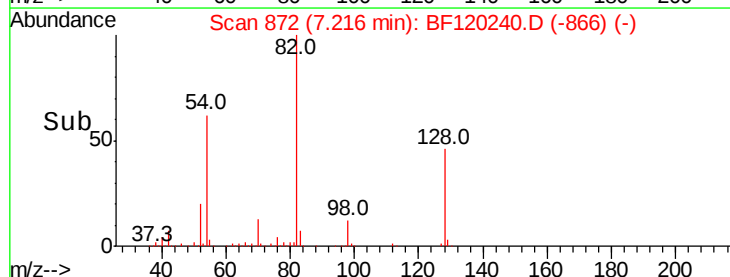
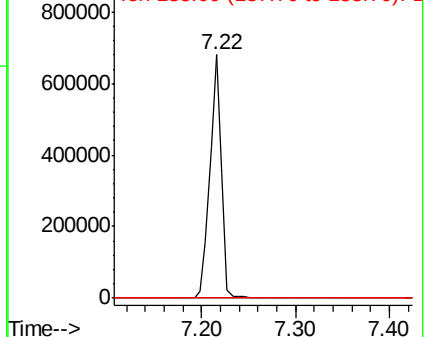
138 0.0 14.6 21.8#

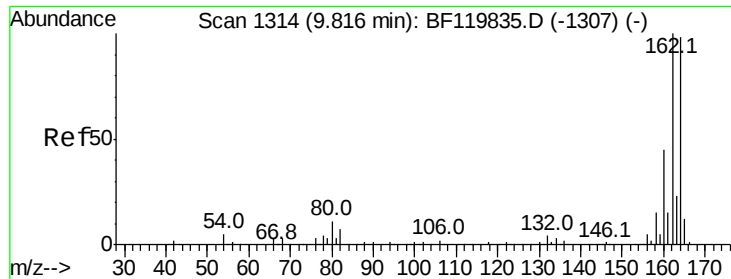


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

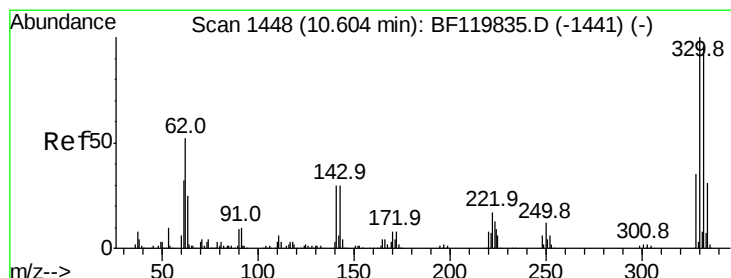
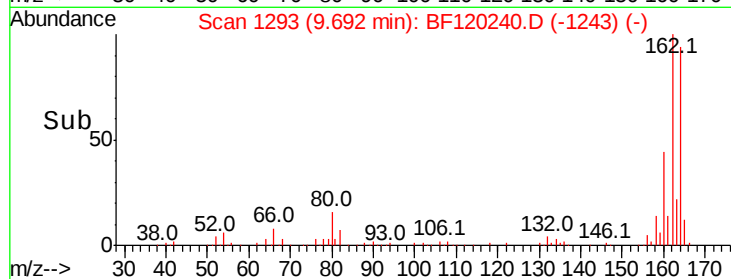
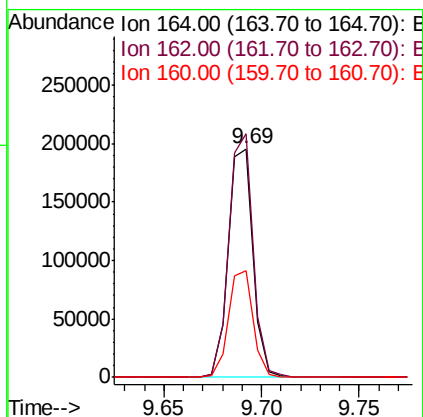
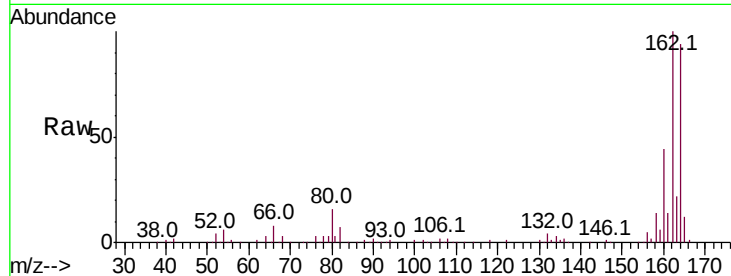




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

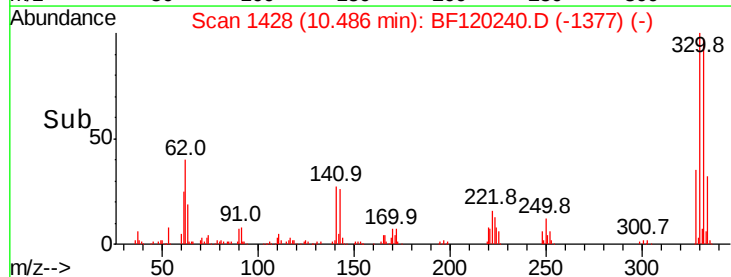
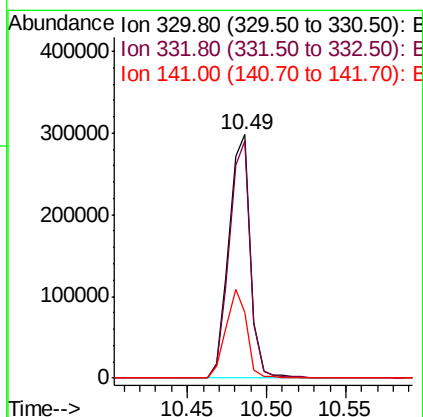
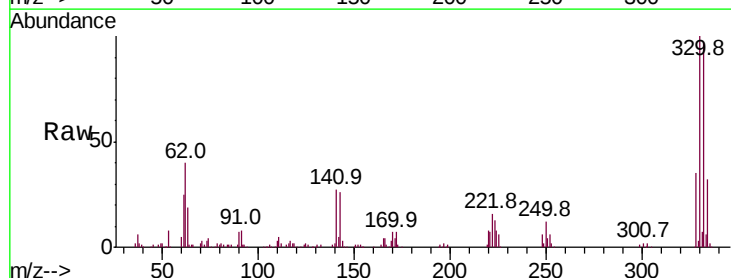
Instrument :
BNA_F
ClientSampleId :
PB128574BL

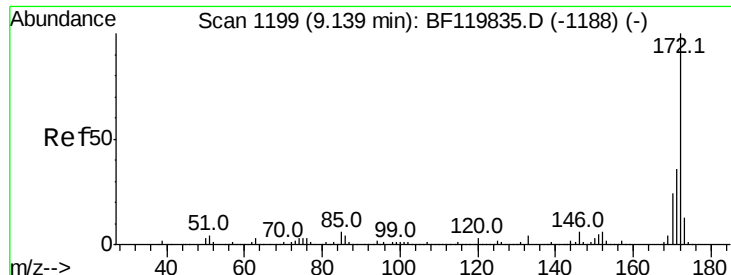
Tot Ion:164 Resp: 171798
Ion Ratio Lower Upper
164 100
162 106.5 80.6 121.0
160 46.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 134.043 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Tgt Ion:330 Resp: 281945
Ion Ratio Lower Upper
330 100
332 95.7 75.7 113.5
141 35.1 25.4 38.0

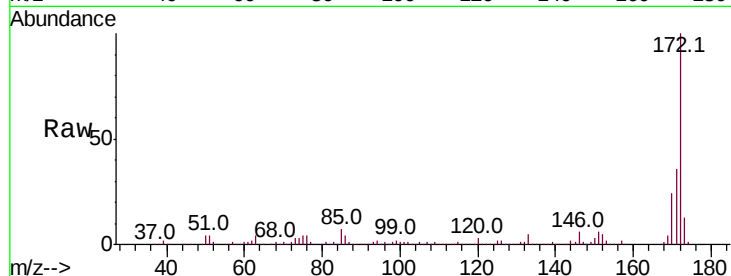




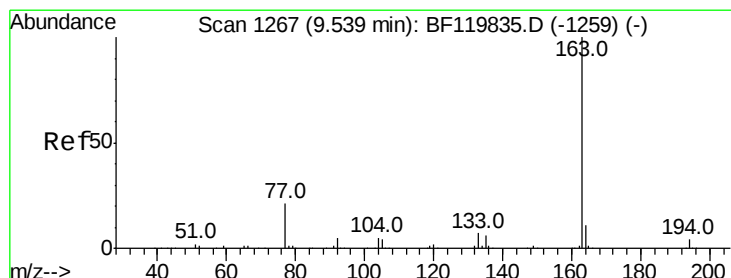
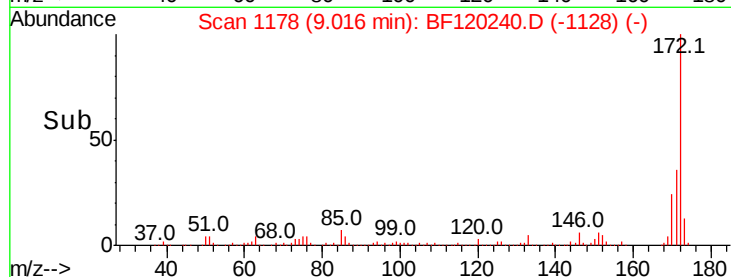
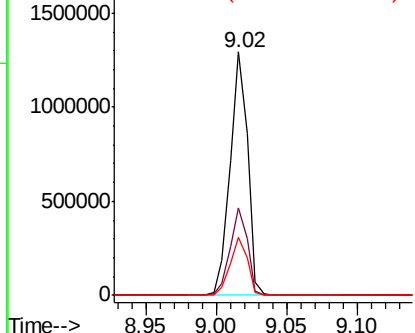
#45
2-Fluorobiphenyl
Concen: 92.343 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Instrument :
BNA_F
ClientSampleId :
PB128574BL

Tot Ion:172 Resp: 1117378
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 20.2 30.2

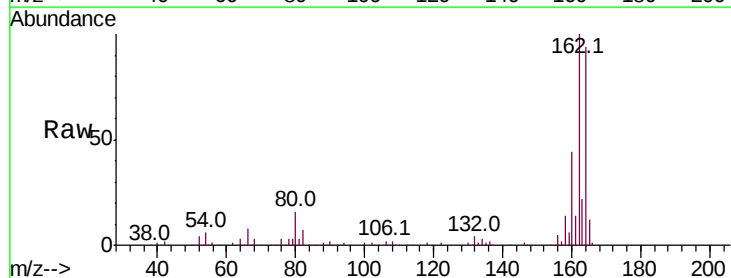


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

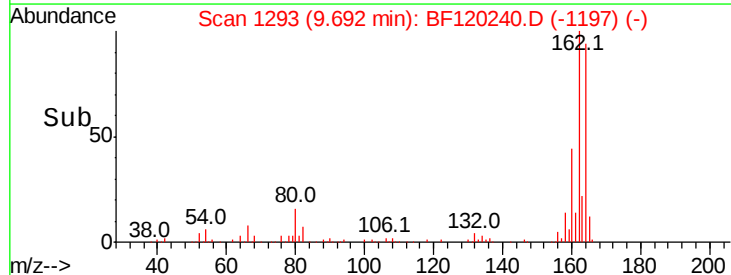
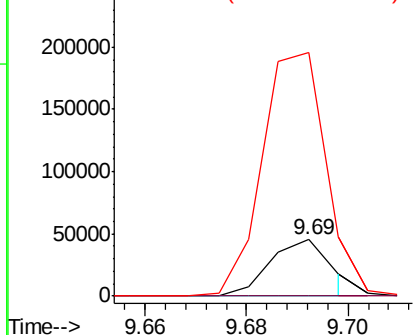


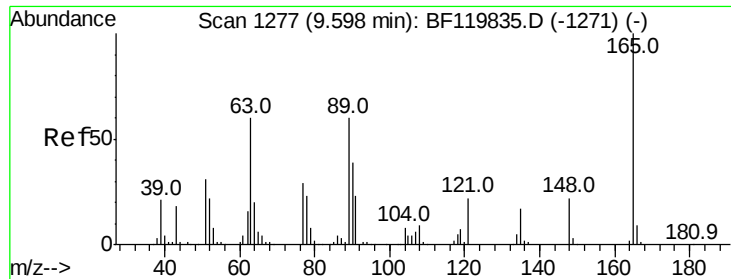
#50
Dimethylphthalate
Concen: 2.803 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.26 min
Lab File: BF120240.D
Acq: 30 Apr 2020 15:19

Tgt Ion:163 Resp: 37245
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 432.4 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

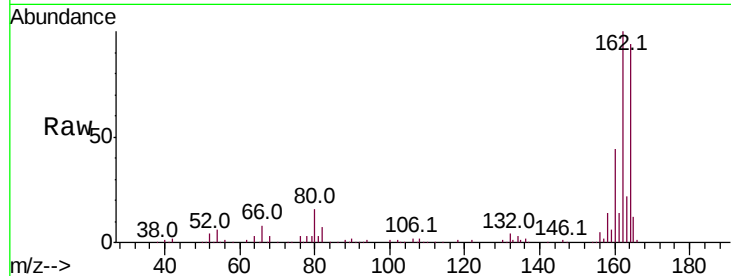




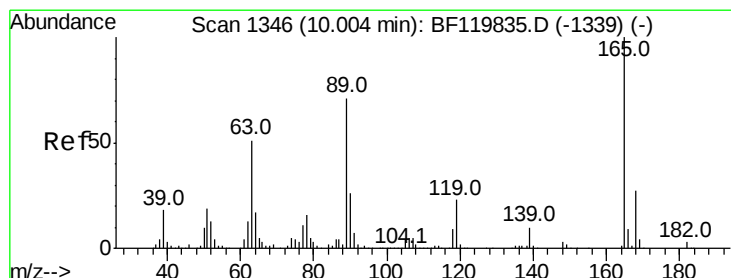
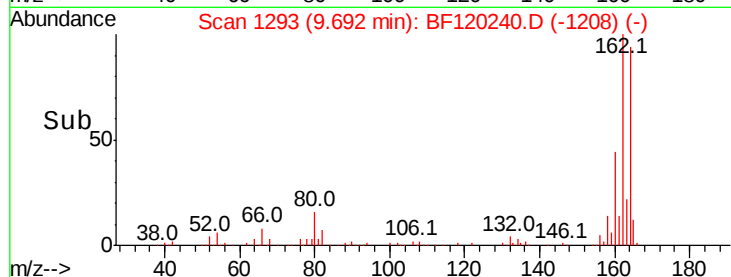
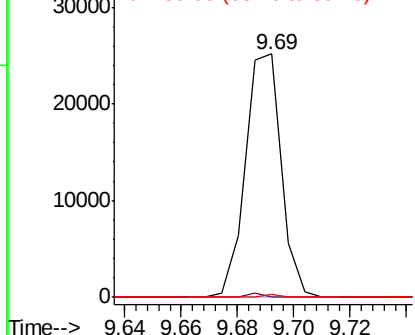
#51
 2,6-Dinitrotoluene
 Concen: 7.593 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. 0.20 min
 Lab File: BF120240.D
 Acq: 30 Apr 2020 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	45.0	67.4#
89	1.4	41.5	62.3#

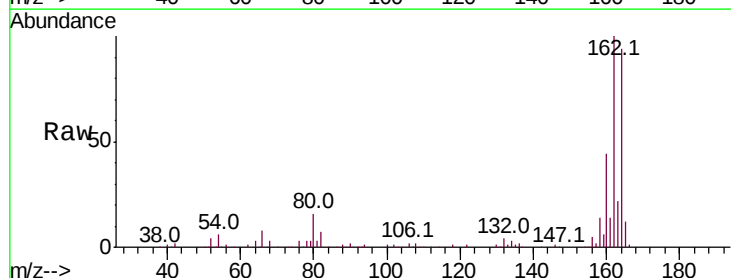


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

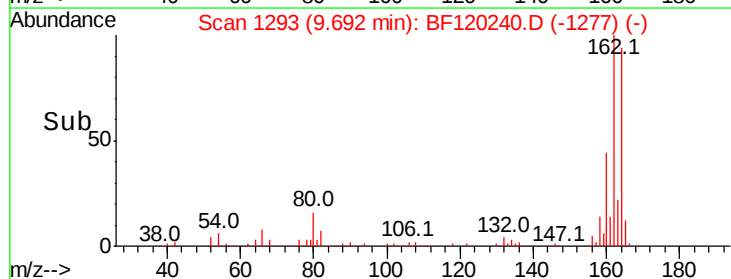
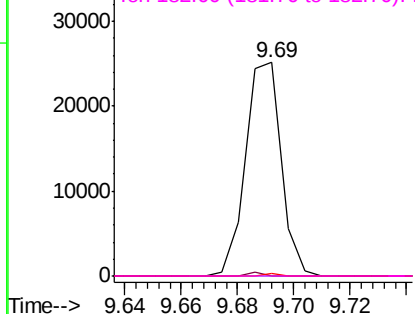


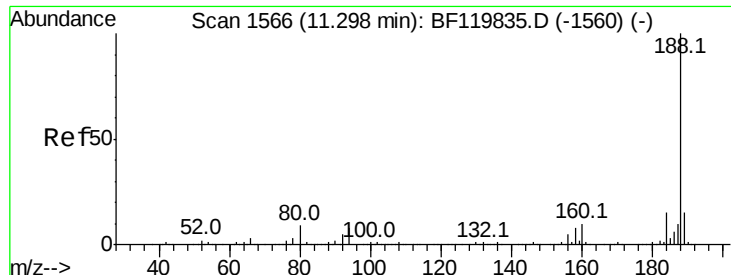
#57
 2,4-Dinitrotoluene
 Concen: 5.763 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.21 min
 Lab File: BF120240.D
 Acq: 30 Apr 2020 15:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.6	64.0#
89	1.4	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

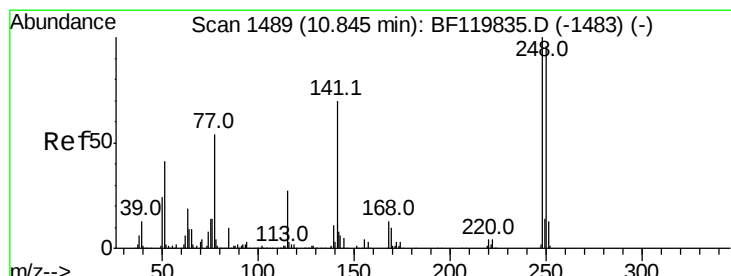
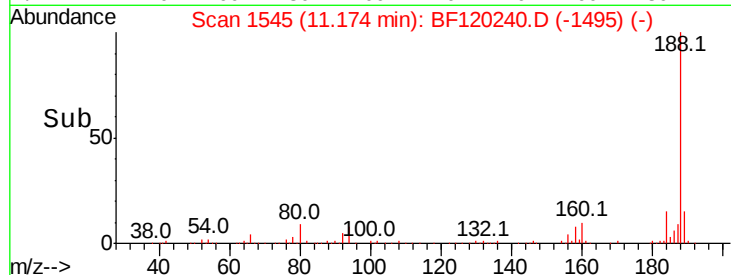
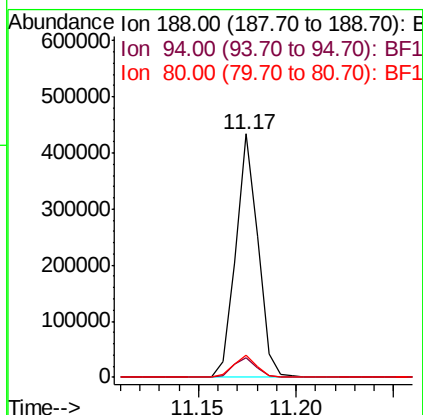
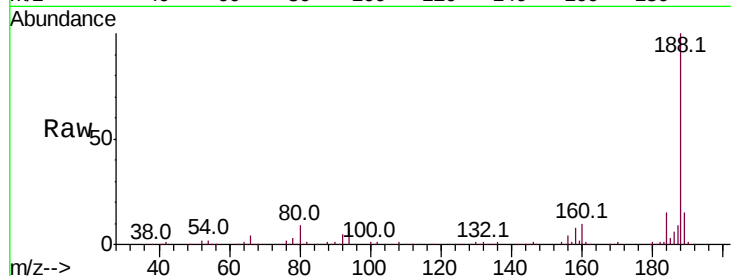




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF120240.D
 Acq: 30 Apr 2020 15:19

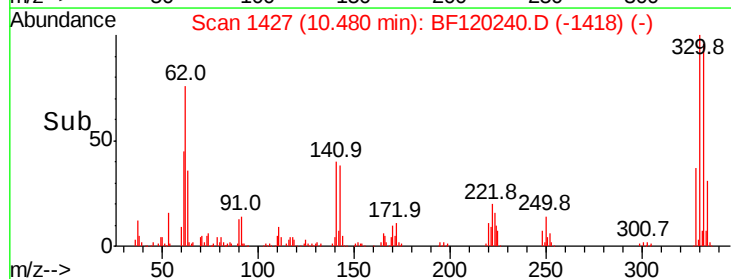
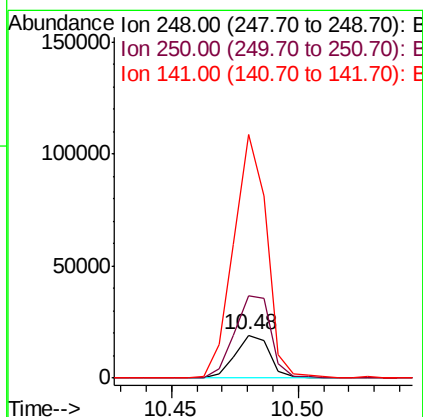
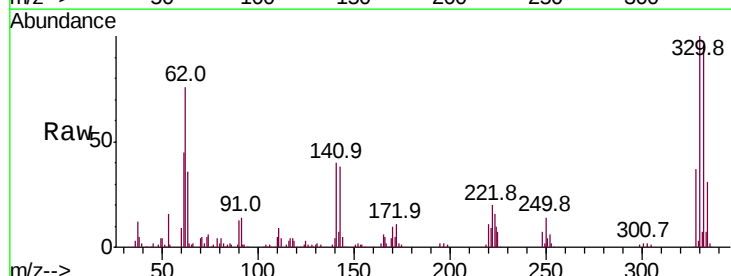
Instrument :
 BNA_F
 ClientSampleId :
 PB128574BL

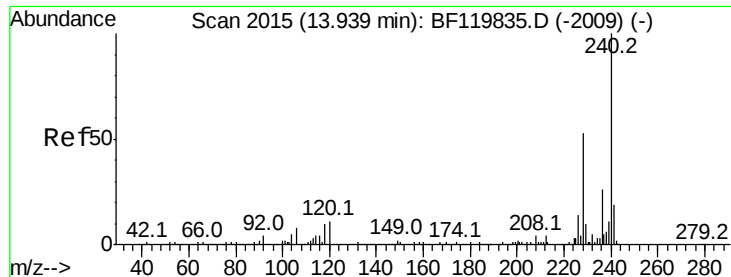
Tot Ion:188	Resp:	343002
Ion Ratio	Lower	Upper
188 100		
94 8.2	7.5	11.3
80 9.1	9.0	13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.211 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.25 min
 Lab File: BF120240.D
 Acq: 30 Apr 2020 15:19

Tgt Ion:248	Resp:	17963
Ion Ratio	Lower	Upper
248 100		
250 193.6	77.3	115.9#
141 570.9	58.6	87.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

Instrument :

BNA_F

ClientSampleId :

PB128574BL

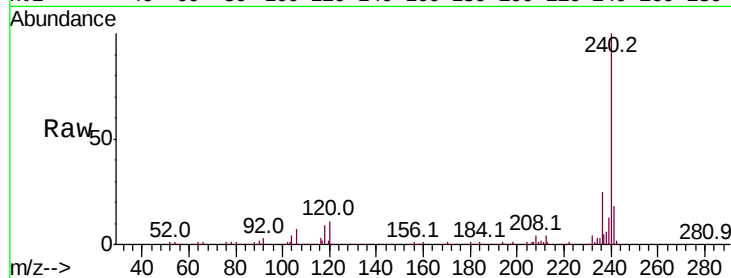
Tot Ion:240 Resp: 298124

Ion Ratio Lower Upper

240 100

120 10.6 10.6 15.8

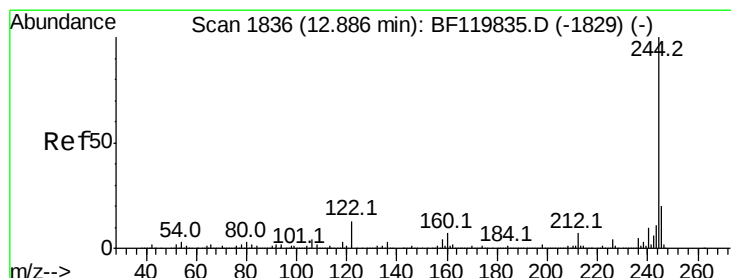
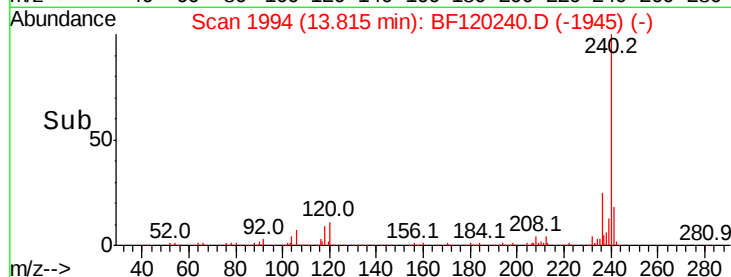
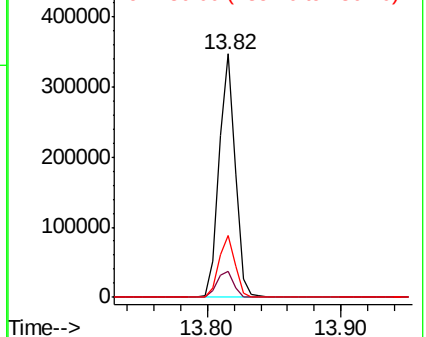
236 25.4 20.2 30.2



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: 86.155 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF120240.D

Acq: 30 Apr 2020 15:19

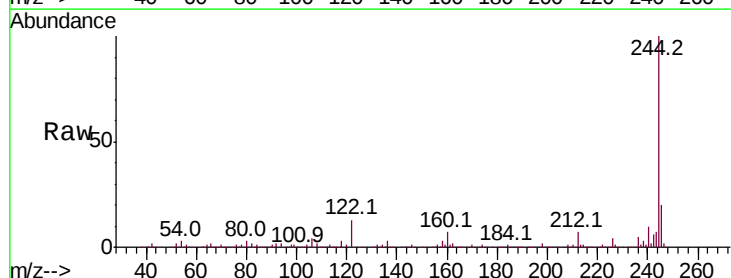
Tgt Ion:244 Resp: 1526445

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

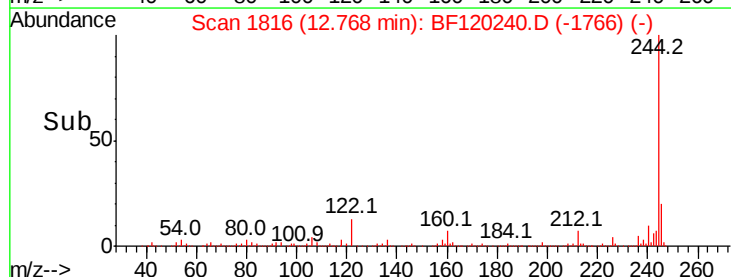
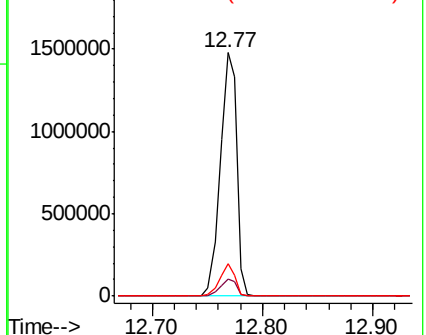
122 13.4 10.3 15.5

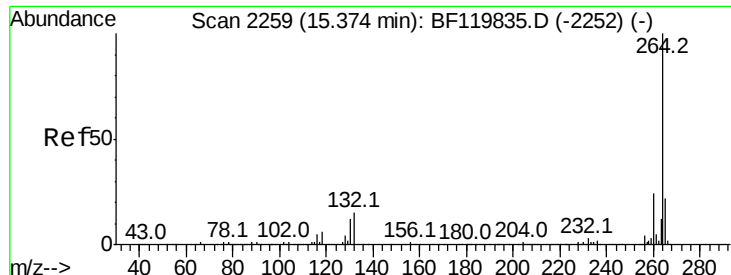


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BF120240.D
 Acq: 30 Apr 2020 15:19

Instrument :
 BNA_F
 ClientSampleId :
 PB128574BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.0	17.7	26.5

