

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031120\
 Data File : BF119355.D
 Acq On : 11 Mar 2020 19:39
 Operator : CG/JU
 Sample : L1871-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 12 05:10:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

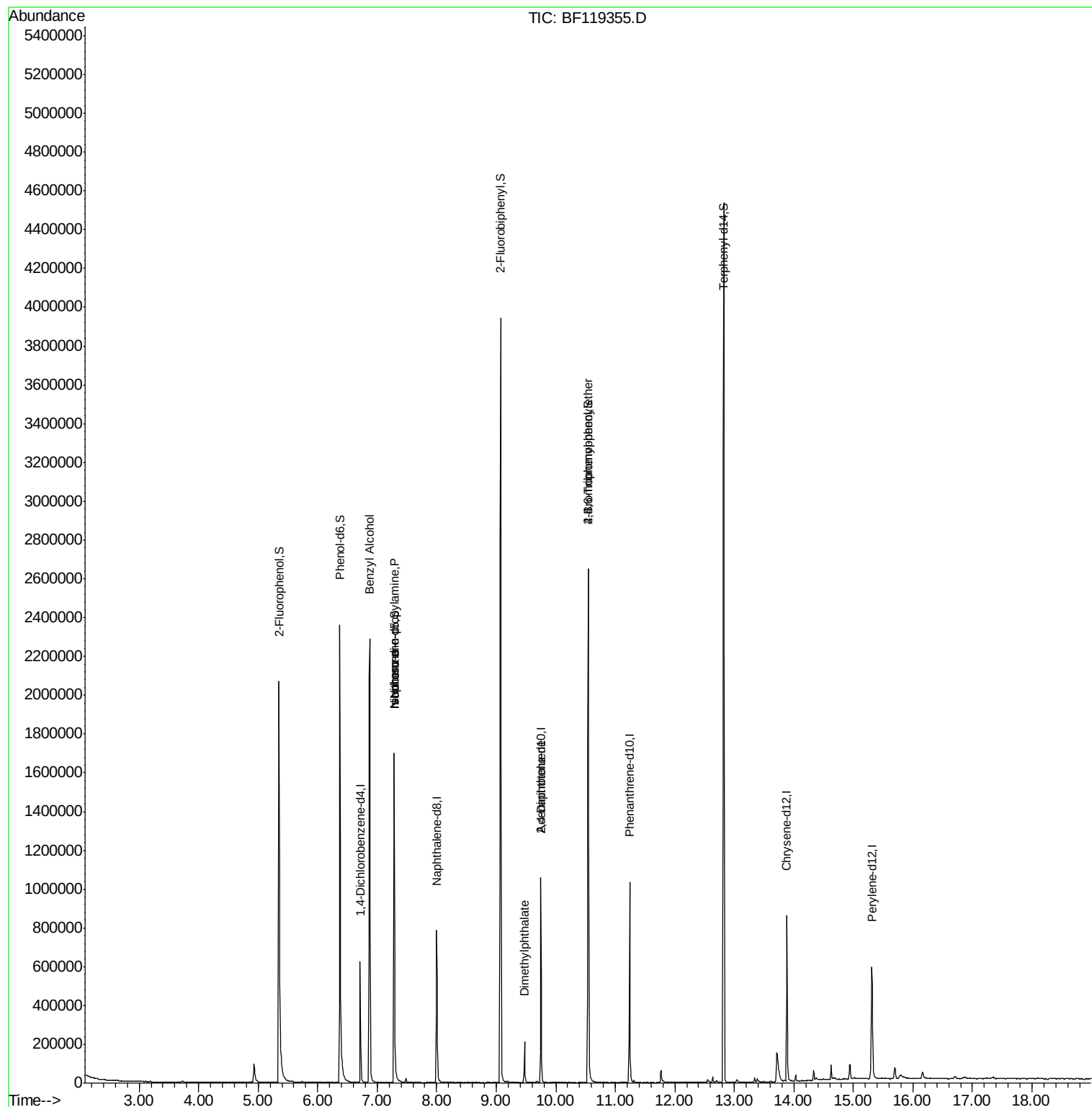
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	103706	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	392331	20.00	ng	-0.01
39) Acenaphthene-d10	9.75	164	217215	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	428506	20.00	ng	0.00
76) Chrysene-d12	13.88	240	307608	20.00	ng	0.00
87) Perylene-d12	15.31	264	290791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	769386	123.98	ng	0.00
7) Phenol-d6	6.37	99	943266	124.98	ng	0.00
23) Nitrobenzene-d5	7.29	82	623831	83.96	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	359343	126.46	ng	-0.01
45) 2-Fluorobiphenyl	9.07	172	1230530	83.46	ng	-0.01
79) Terphenyl-d14	12.82	244	1642744	91.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.87	79	11060	2.028	ng	# 50
19) n-Nitroso-di-n-propylamine	7.29	70	86772	19.731	ng	# 76
25) Isophorone	7.29	82	623831	48.342	ng	# 63
50) Dimethylphthalate	9.47	163	106146	6.391	ng	100
57) 2,4-Dinitrotoluene	9.75	165	28175	5.890	ng	# 20
67) 4-Bromophenyl-phenylether	10.54	248	23505	4.196	ng	# 1

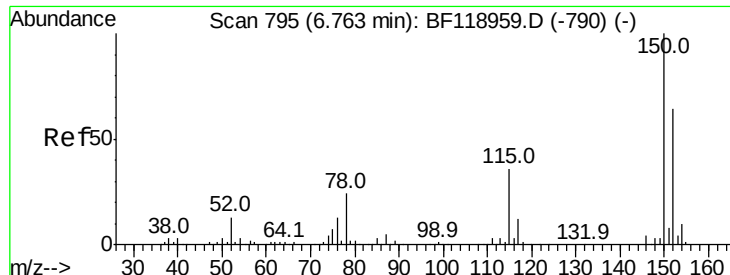
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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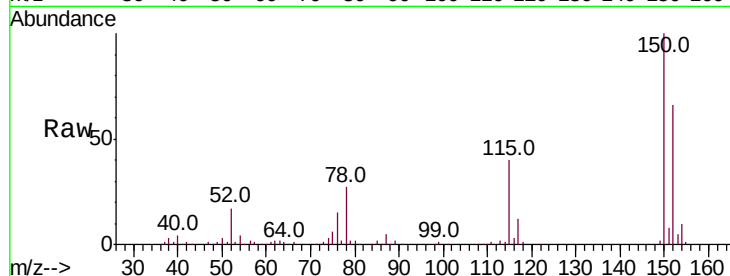


#1

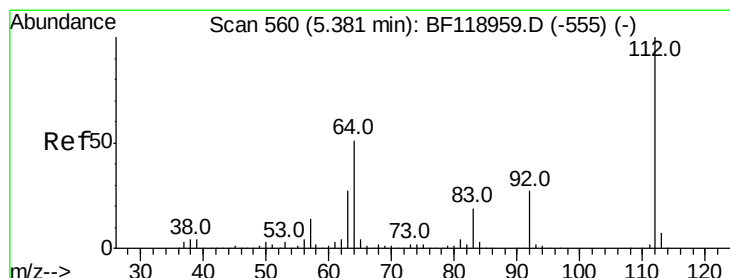
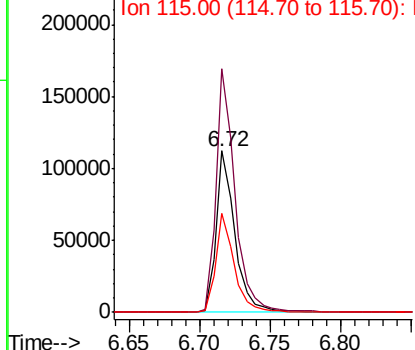
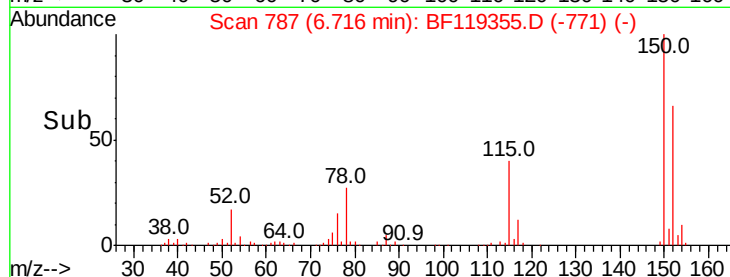
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 103706
Ion Ratio Lower Upper
152 100
150 150.6 123.0 184.6
115 60.9 49.5 74.3



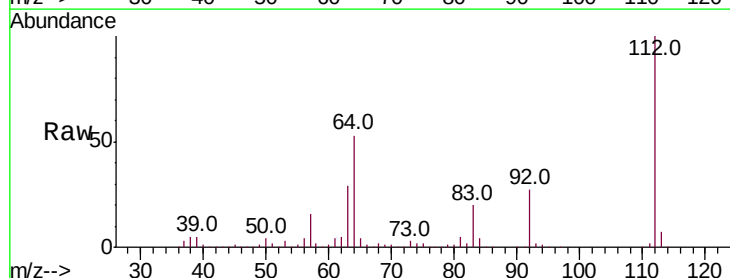
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



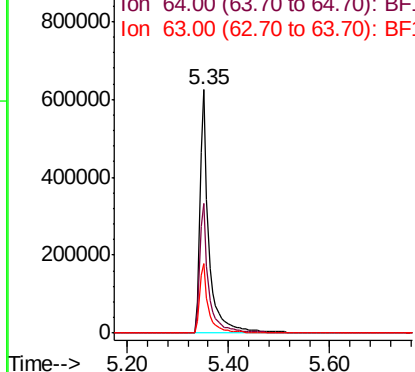
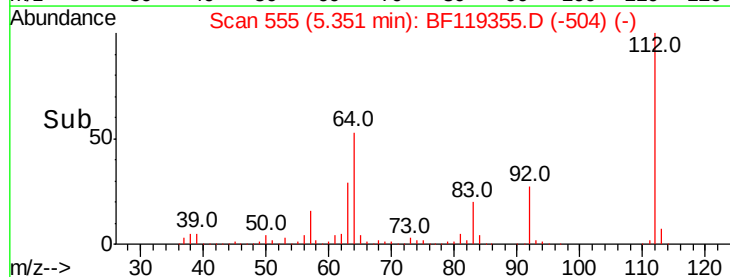
#5

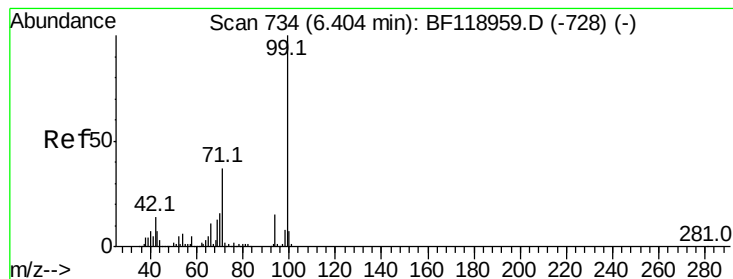
2-Fluorophenol
Concen: 123.983 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Tgt Ion:112 Resp: 769386
Ion Ratio Lower Upper
112 100
64 53.4 45.0 67.4
63 28.7 24.2 36.4



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: 124.984 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

Instrument :

BNA_F

ClientSampled :

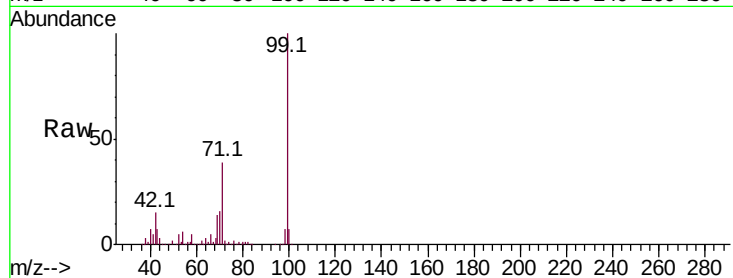
Tot Ion: 99 Resp: 943266

Ion Ratio Lower Upper

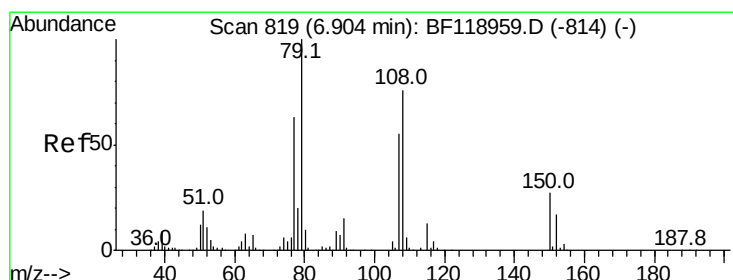
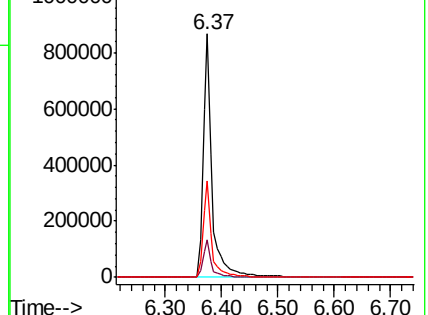
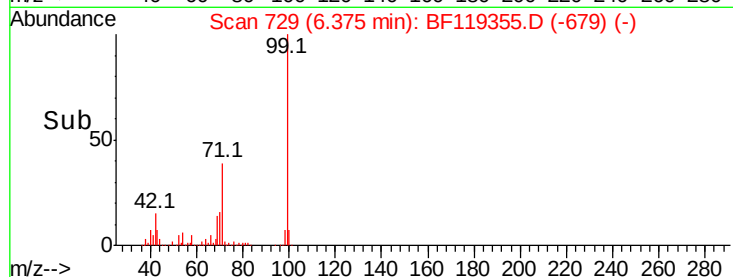
99 100

42 15.4 12.6 18.8

71 39.4 31.0 46.4



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: 2.028 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

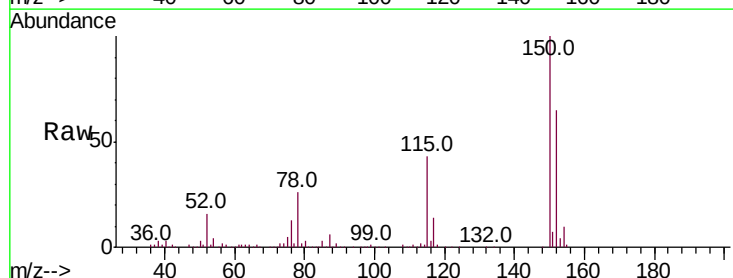
Tgt Ion: 79 Resp: 11060

Ion Ratio Lower Upper

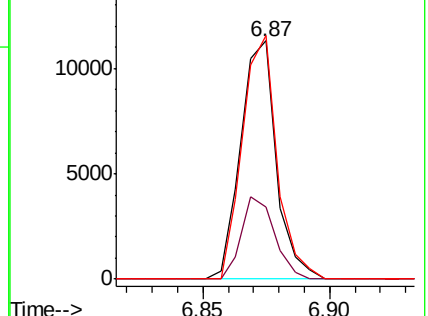
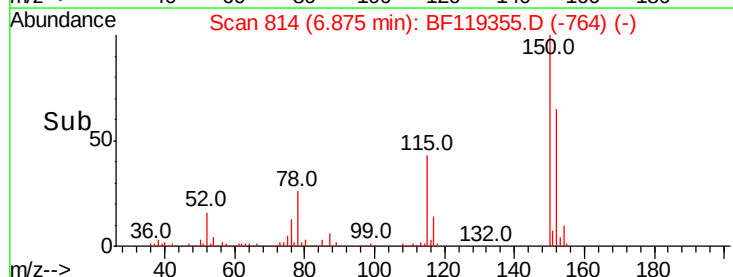
79 100

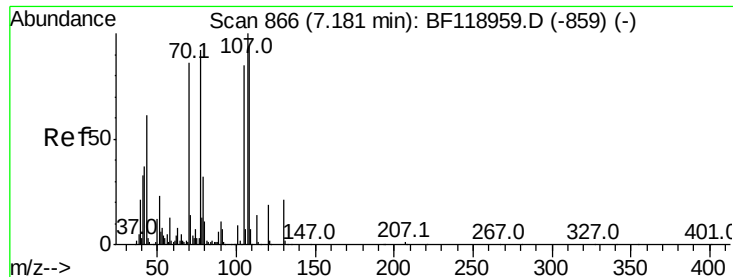
108 30.0 58.2 87.2#

77 102.1 51.2 76.8#



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

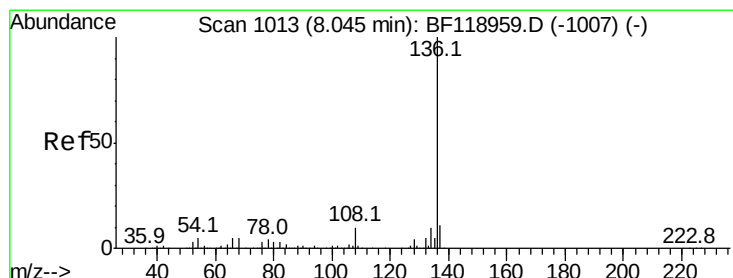
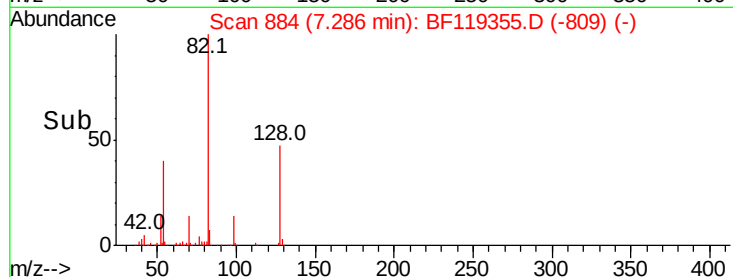
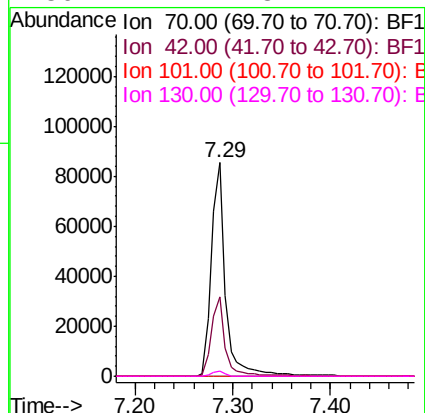
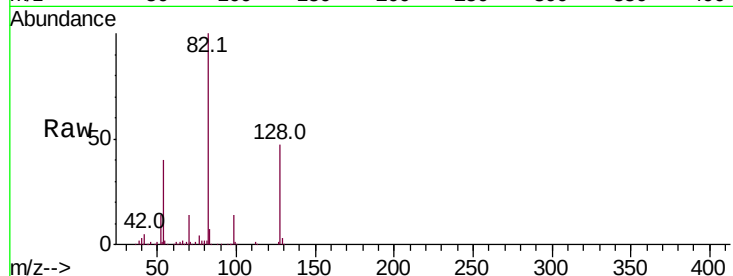




#19
n-Nitroso-di-n-propylamine
Concen: 19.731 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

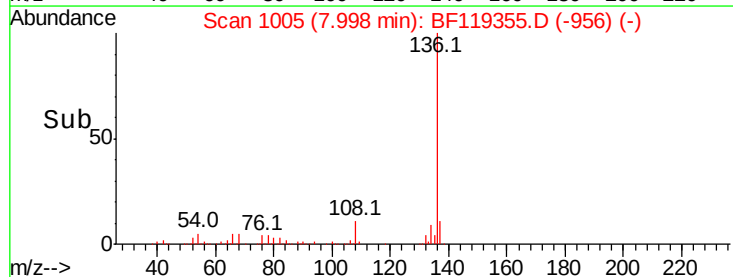
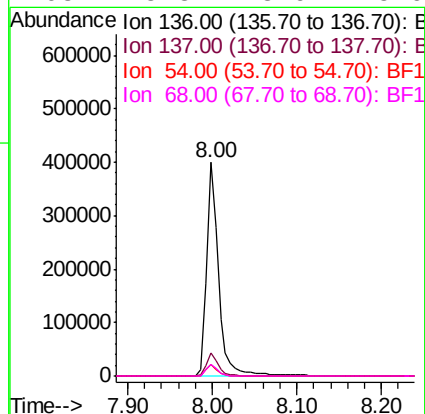
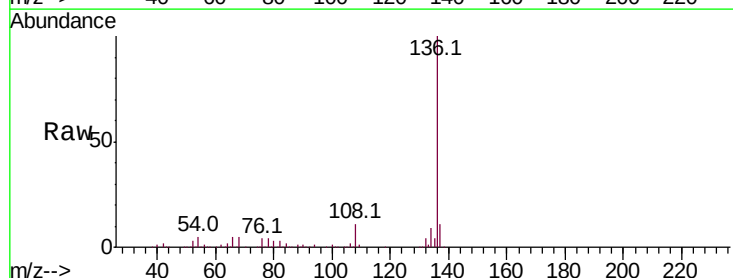
Instrument :
BNA_F
ClientSampleId :

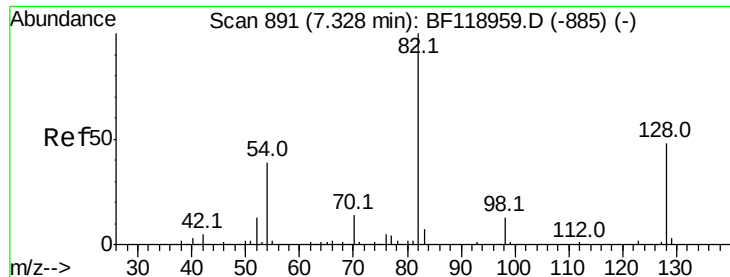
Tot Ion: 70 Resp: 86772
Ion Ratio Lower Upper
70 100
42 37.4 38.0 57.0#
101 0.0 8.2 12.4#
130 2.1 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Tgt Ion: 136 Resp: 392331
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 5.1 3.8 5.6
68 5.3 3.9 5.9





#23

Nitrobenzene-d5

Concen: 83.955 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

Instrument :

BNA_F

ClientSampleId :

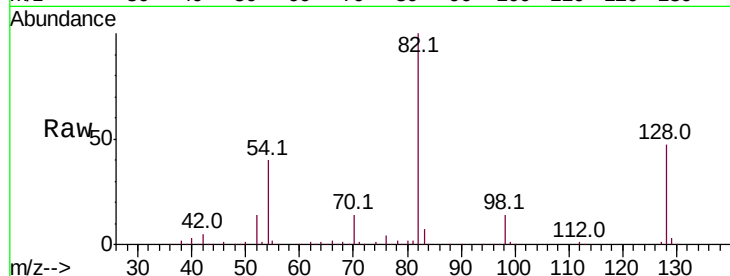
Tot Ion: 82 Resp: 623831

Ion Ratio Lower Upper

82 100

128 46.5 37.9 56.9

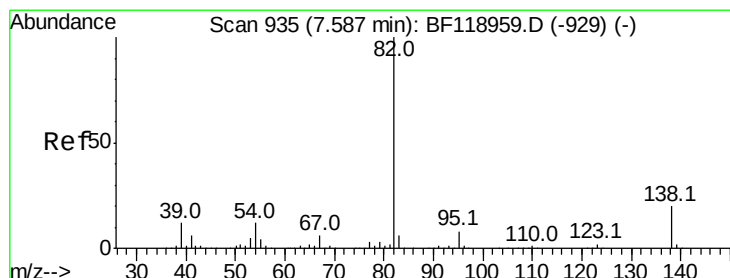
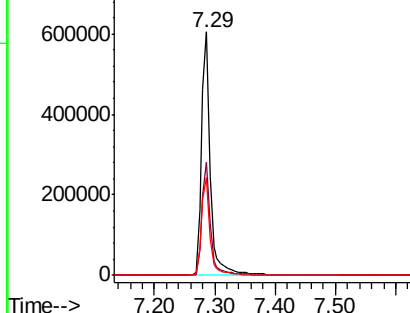
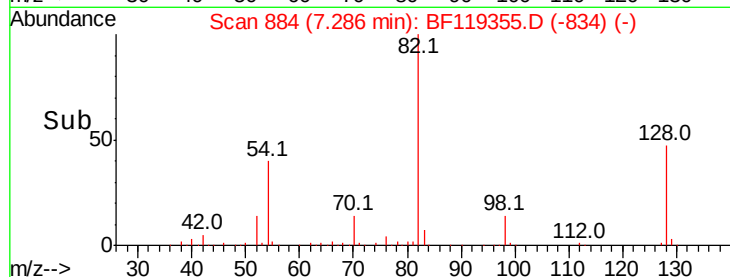
54 40.4 33.4 50.2



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: 48.342 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

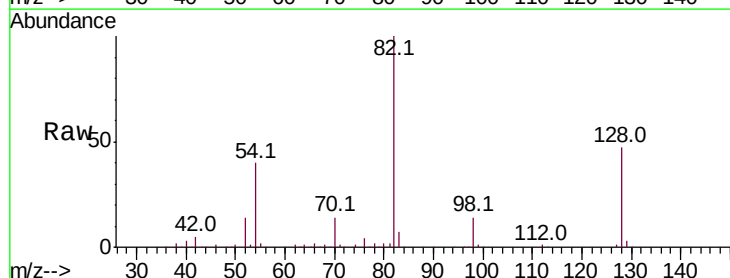
Tgt Ion: 82 Resp: 623831

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

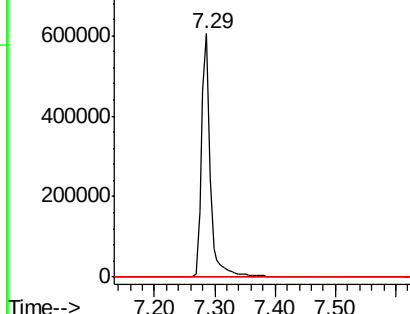
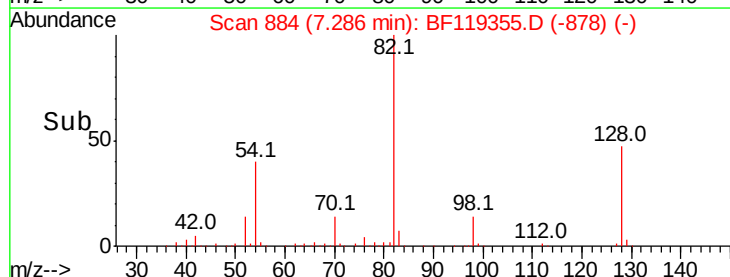
138 0.0 15.7 23.5#

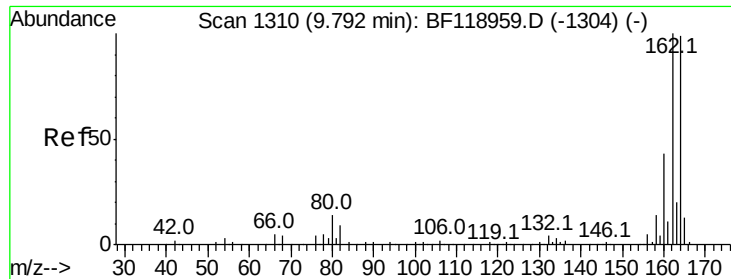


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

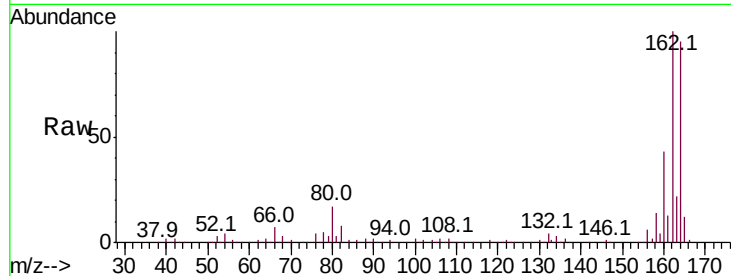




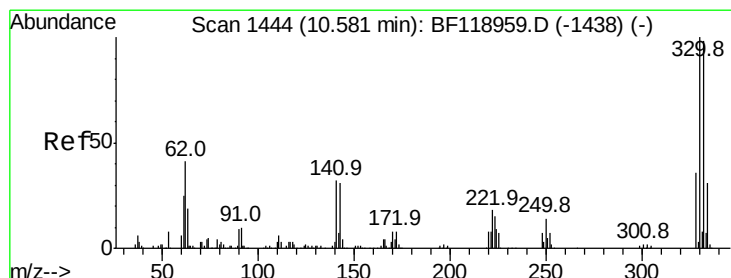
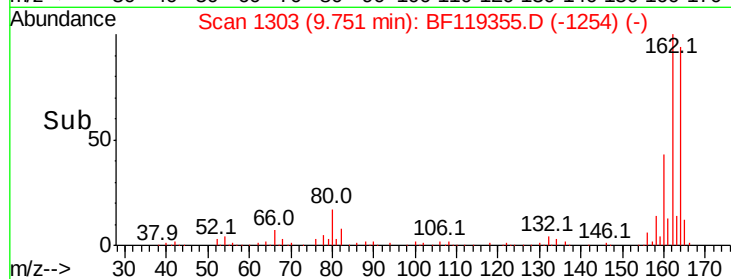
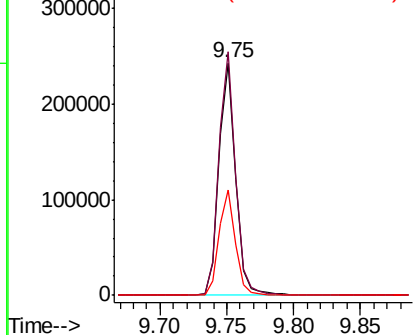
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF119355.D
 Acq: 11 Mar 2020 19:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 217215
 Ion Ratio Lower Upper
 164 100
 162 104.8 81.8 122.8
 160 45.5 36.0 54.0

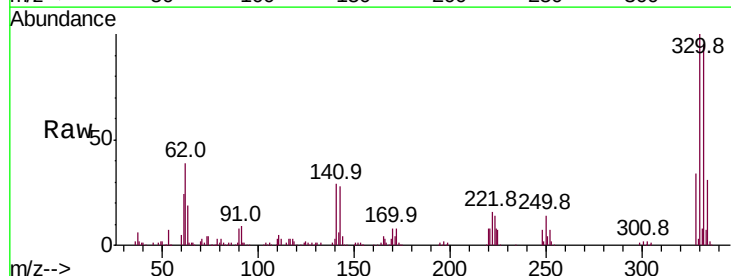


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

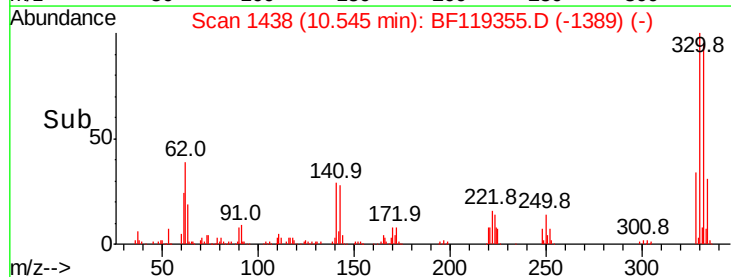
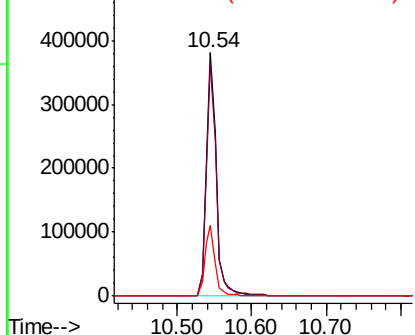


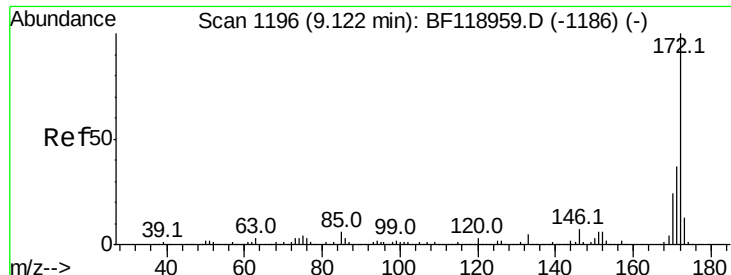
#42
 2,4,6-Tribromophenol
 Concen: 126.461 ng
 RT: 10.54 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF119355.D
 Acq: 11 Mar 2020 19:39

Tgt Ion:330 Resp: 359343
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.0 114.0
 141 29.7 22.9 34.3



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

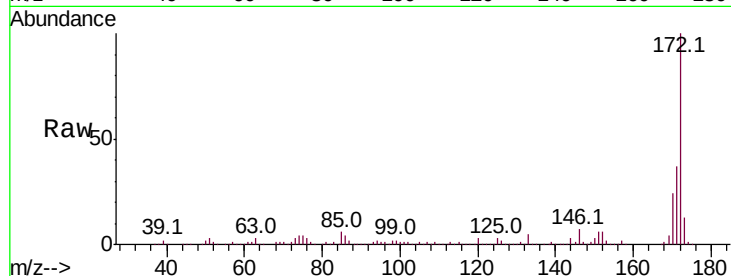




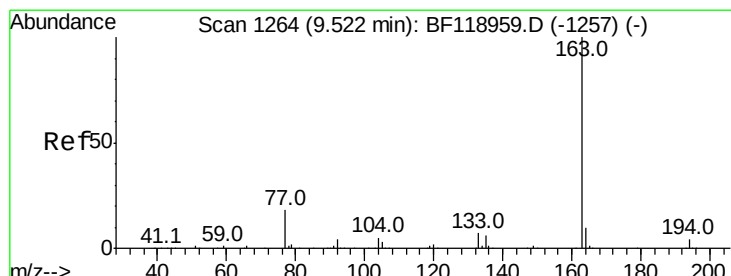
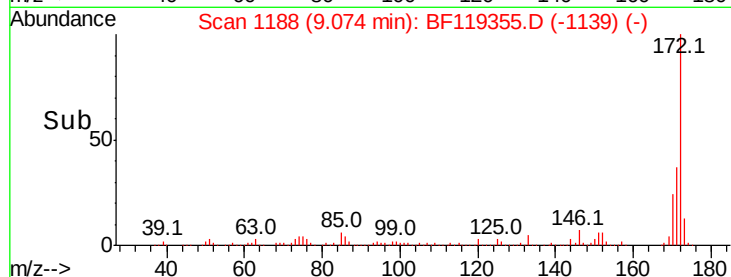
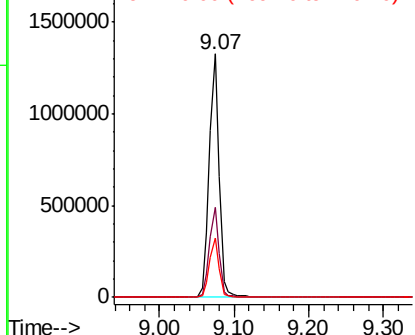
#45
2-Fluorobiphenyl
Concen: 83.456 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1230530
Ion Ratio Lower Upper
172 100
171 36.7 30.6 45.8
170 24.3 20.2 30.2

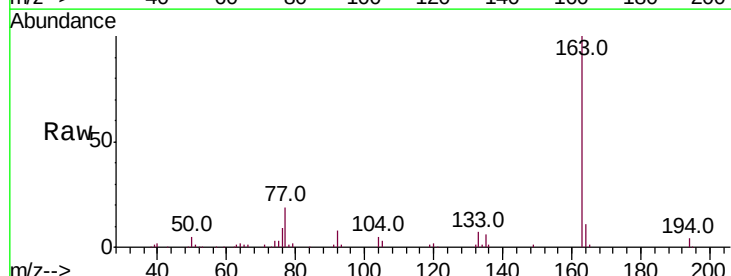


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

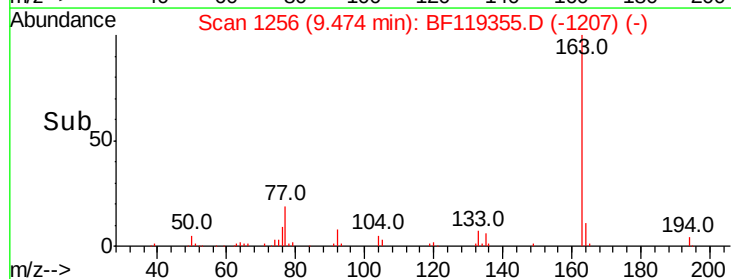
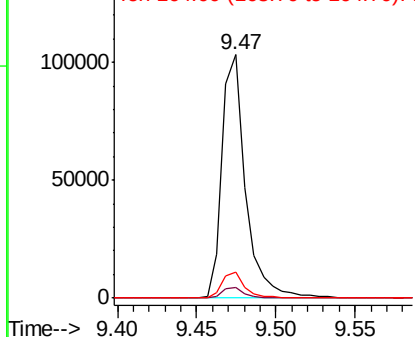


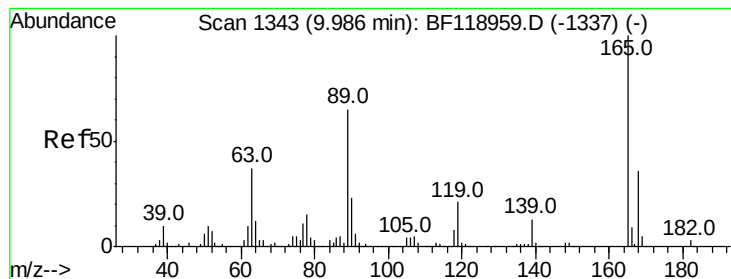
#50
Dimethylphthalate
Concen: 6.391 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Tgt Ion:163 Resp: 106146
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.7 8.4 12.6



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: 5.890 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.22 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 28175

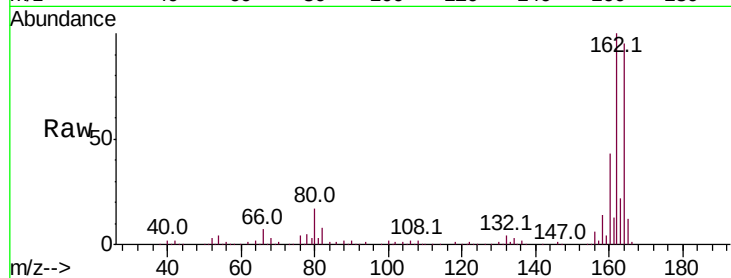
Ion Ratio Lower Upper

165 100

63 0.0 42.3 63.5#

89 1.9 60.2 90.4#

182 0.0 2.3 3.5#

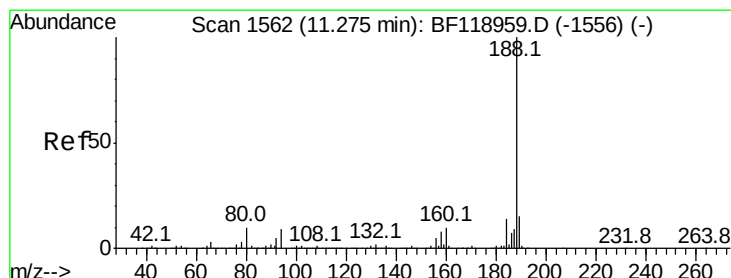
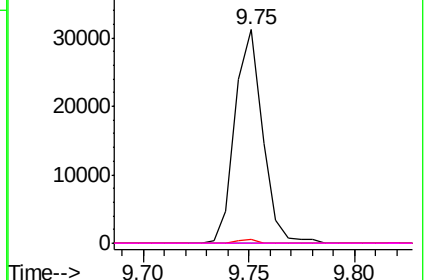
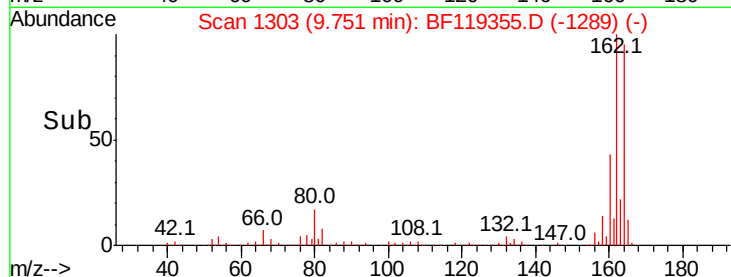


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

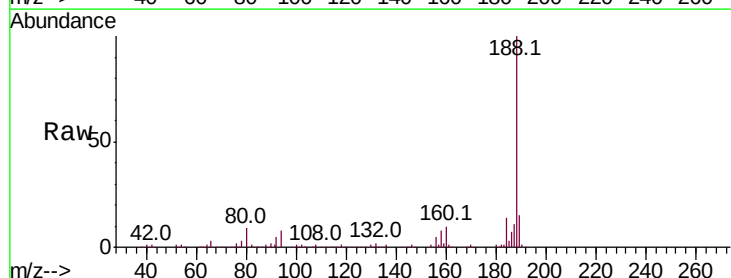
Tgt Ion:188 Resp: 428506

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

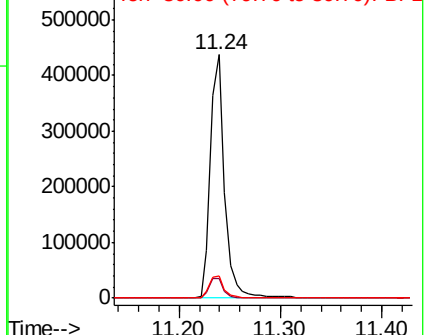
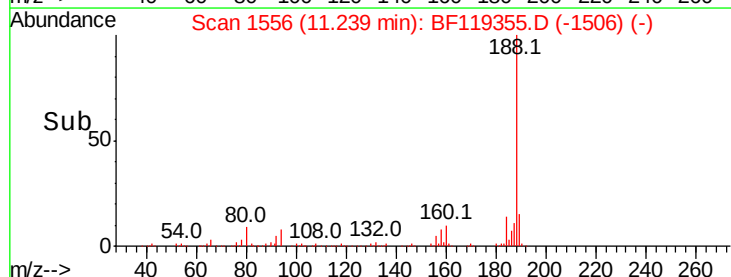
80 8.9 7.8 11.8

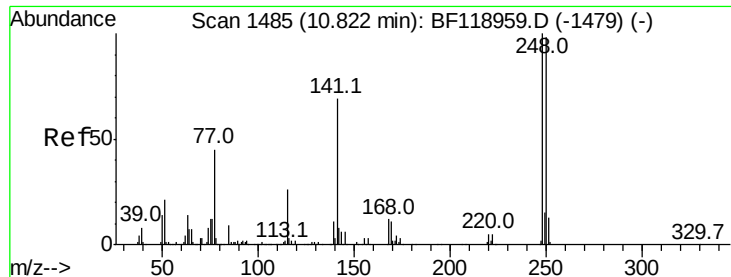


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

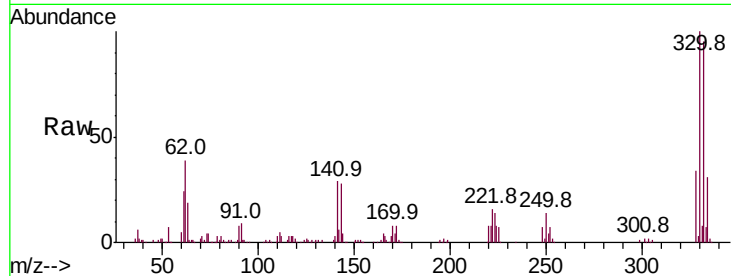




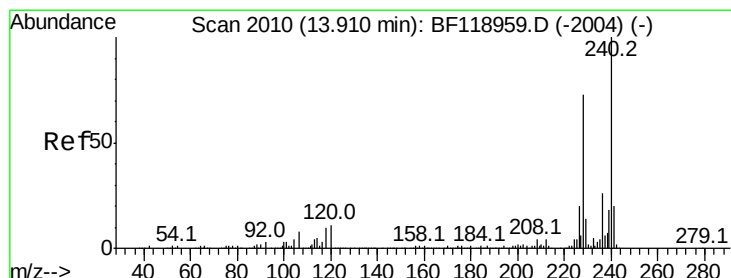
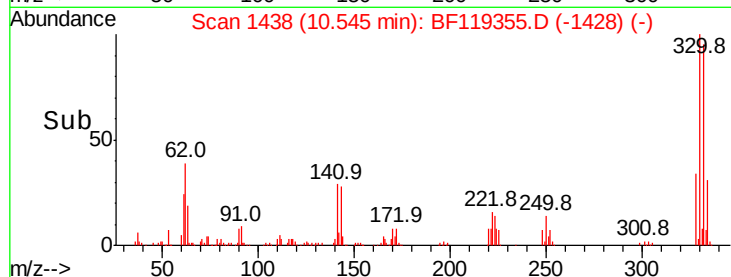
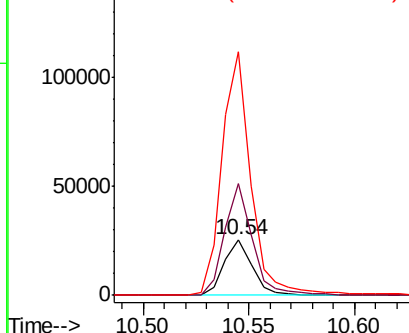
#67
4-Bromophenyl-phenylether
Concen: 4.196 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 23505
Ion Ratio Lower Upper
248 100
250 201.7 76.7 115.1#
141 437.0 60.7 91.1#

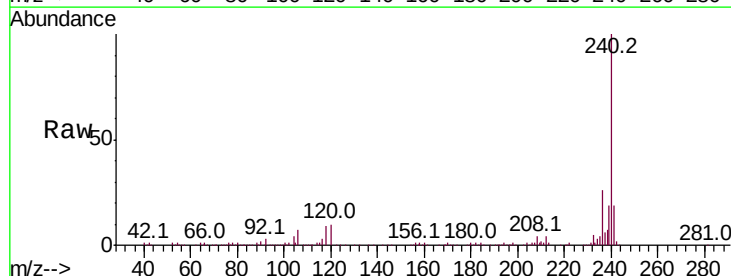


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

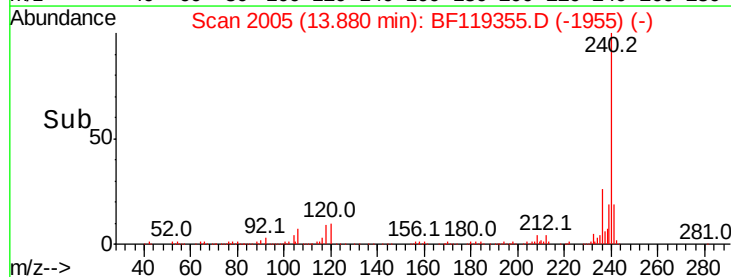
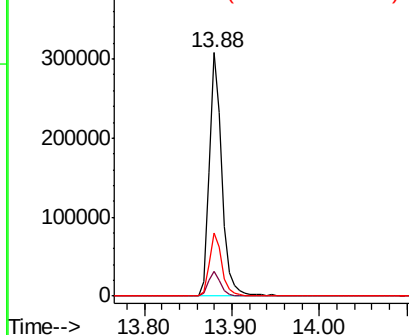


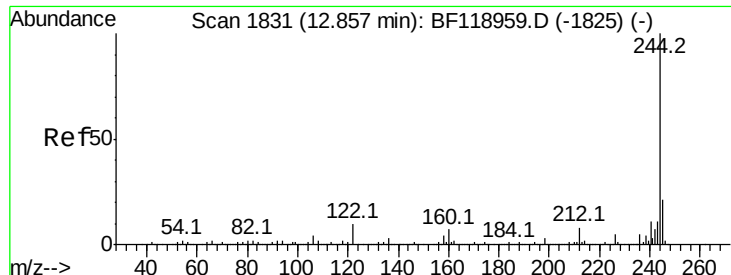
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119355.D
Acq: 11 Mar 2020 19:39

Tgt Ion:240 Resp: 307608
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 26.1 21.0 31.4



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: 91.944 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

Instrument :

BNA_F

ClientSampleId :

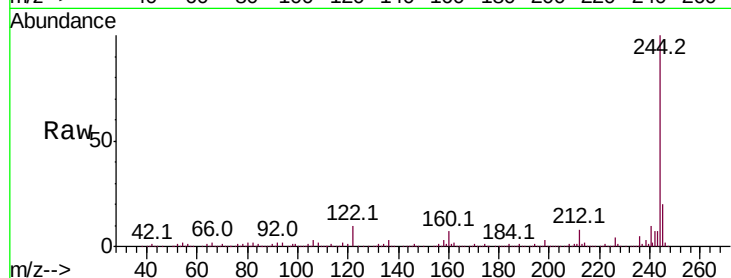
Tot Ion:244 Resp: 1642744

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

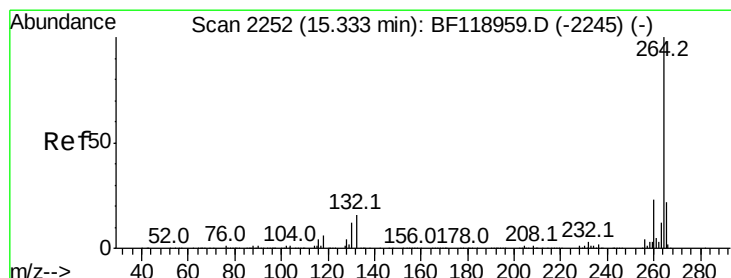
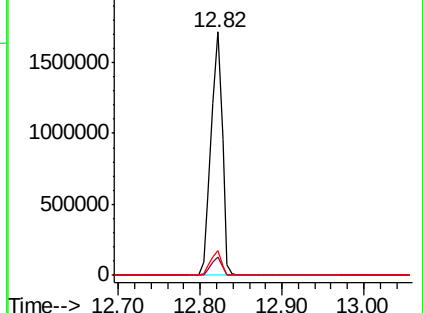
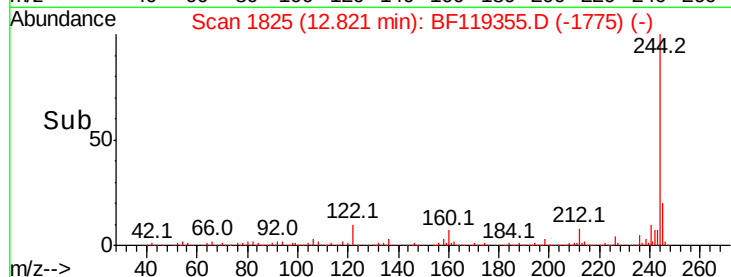
122 9.9 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF119355.D

Acq: 11 Mar 2020 19:39

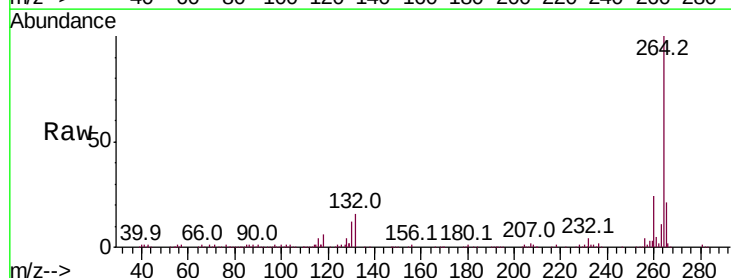
Tgt Ion:264 Resp: 290791

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.2

265 21.3 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

