

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119293.D
 Acq On : 9 Mar 2020 19:59
 Operator : CG/JU
 Sample : L1844-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 21:22:57 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

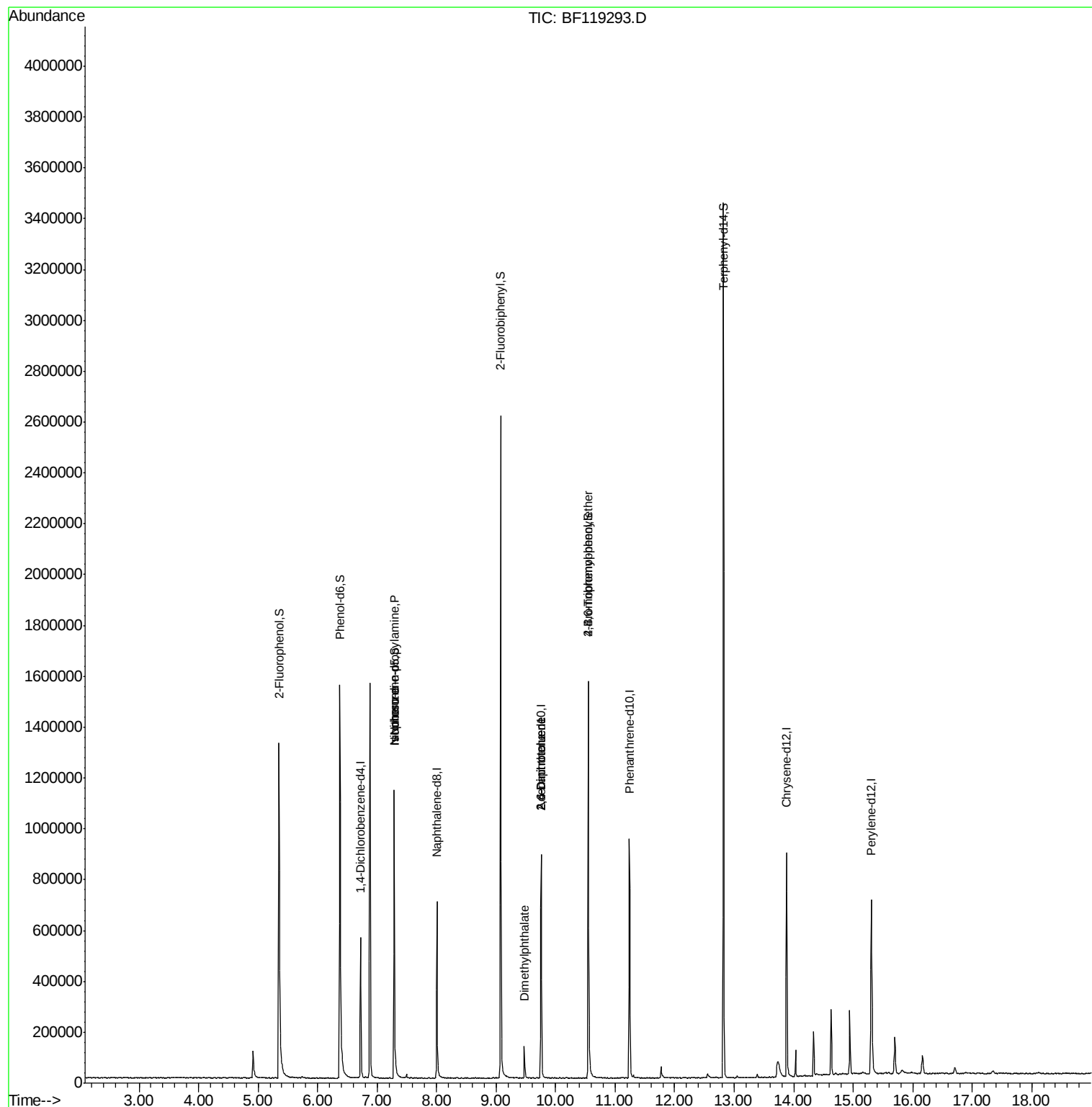
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	84700	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	331770	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	191456	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	381919	20.00	ng	0.00
76) Chrysene-d12	13.88	240	320827	20.00	ng	0.00
87) Perylene-d12	15.31	264	313329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	514032	101.42	ng	0.00
7) Phenol-d6	6.37	99	631697	102.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	415876	66.19	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	239169	95.49	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	848293	65.27	ng	0.00
79) Terphenyl-d14	12.82	244	1193665	64.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	55983	15.587	ng	# 76
25) Isophorone	7.29	82	415876	38.110	ng	# 63
50) Dimethylphthalate	9.47	163	65807	4.495	ng	# 99
51) 2,6-Dinitrotoluene	9.76	165	23480	7.219	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	23480	5.569	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	16247	3.254	ng	# 1

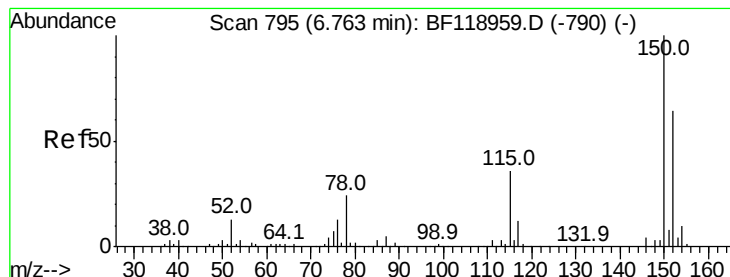
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
Data File : BF119293.D
Acq On : 9 Mar 2020 19:59
Operator : CG/JU
Sample : L1844-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 09 21:22:57 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



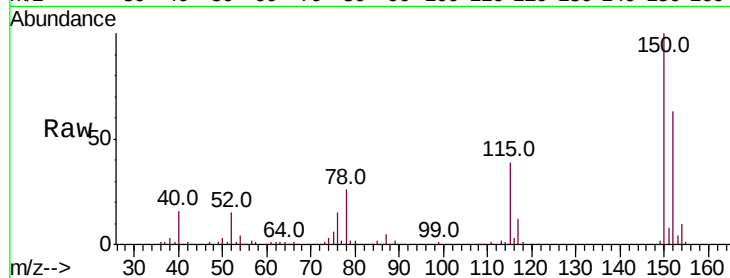


#1

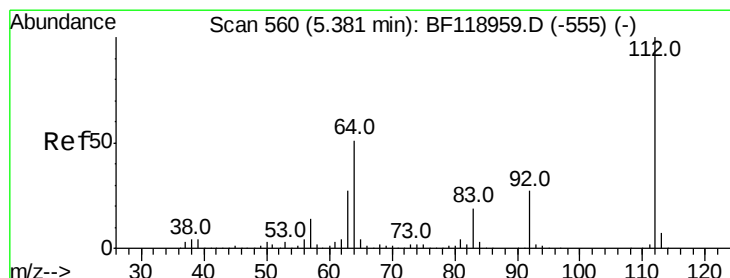
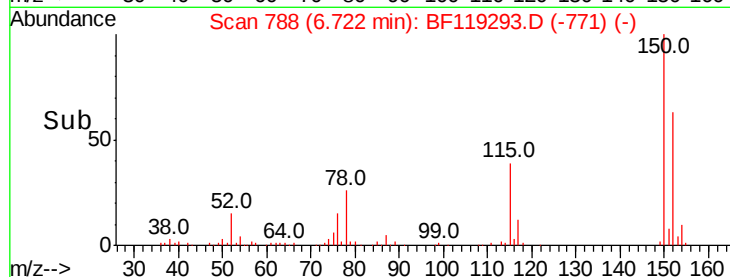
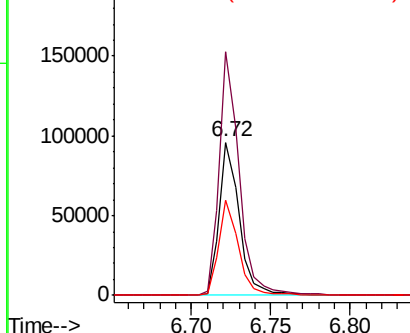
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119293.D
Acq: 9 Mar 2020 19:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84700
Ion Ratio Lower Upper
152 100
150 158.8 123.0 184.6
115 62.1 49.5 74.3



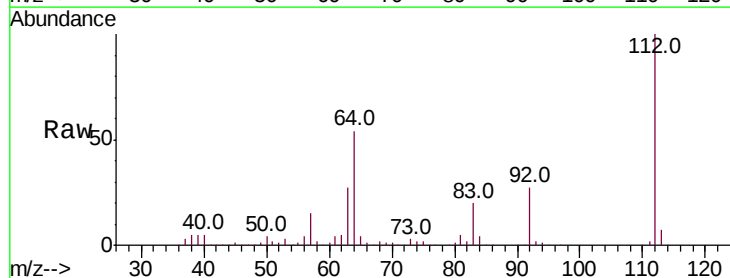
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



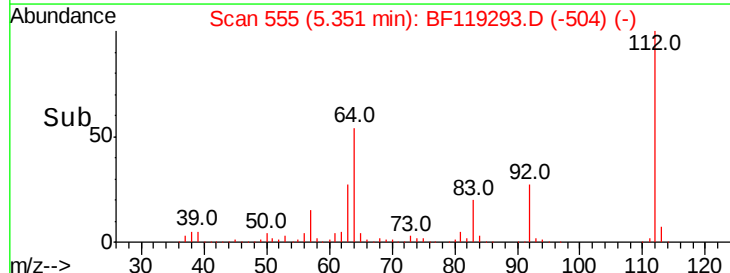
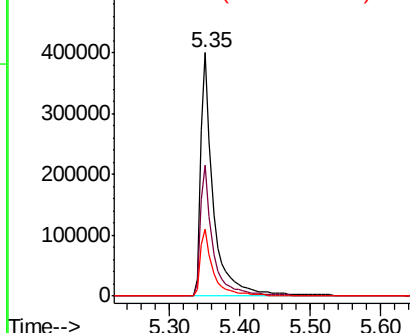
#5

2-Fluorophenol
Concen: 101.421 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119293.D
Acq: 9 Mar 2020 19:59

Tgt Ion:112 Resp: 514032
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 27.3 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: 102.482 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA_F

ClientSampleId :

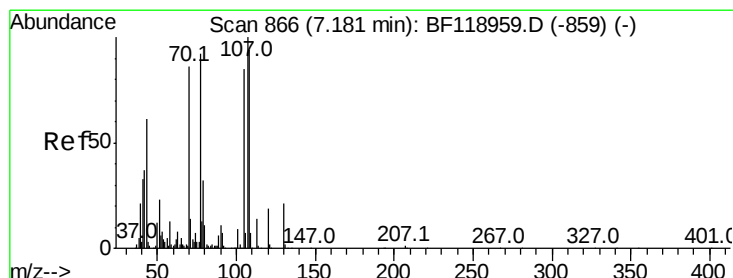
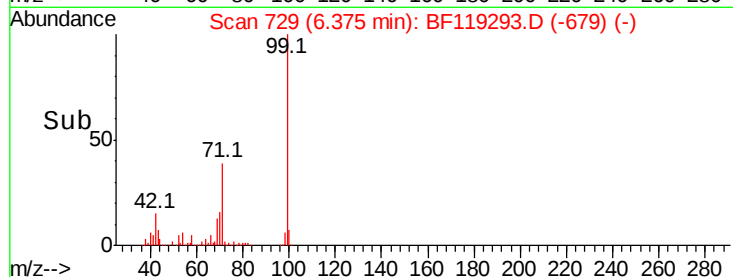
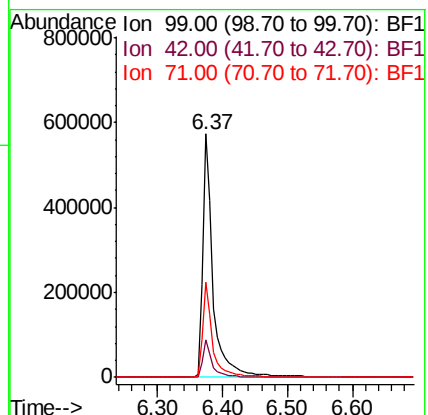
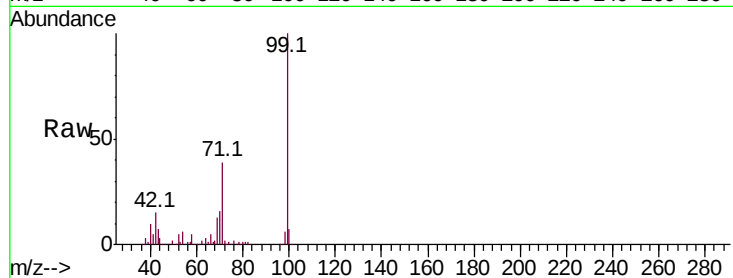
Tot Ion: 99 Resp: 631697

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.2 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.587 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Tgt Ion: 70 Resp: 55983

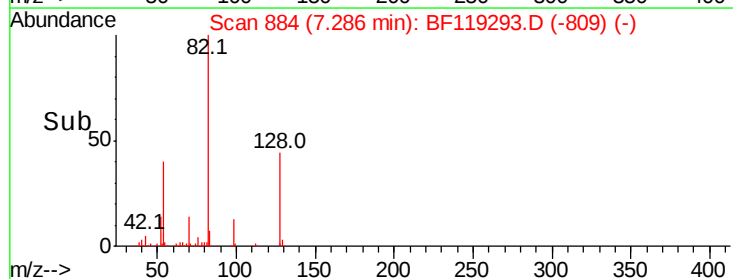
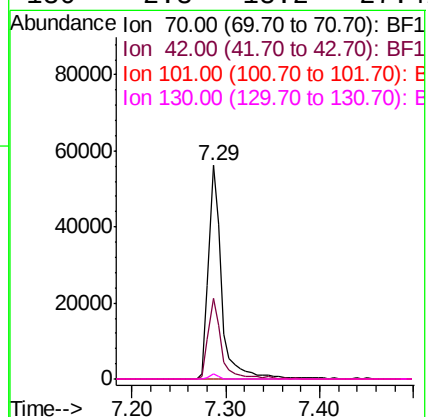
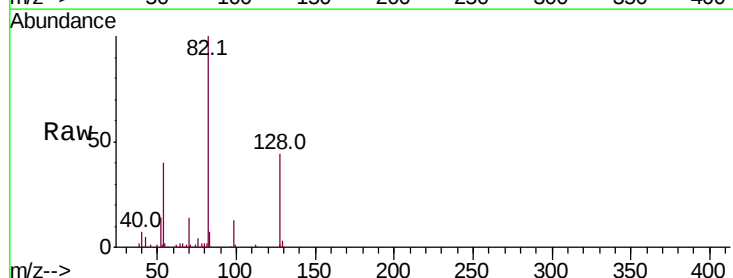
Ion Ratio Lower Upper

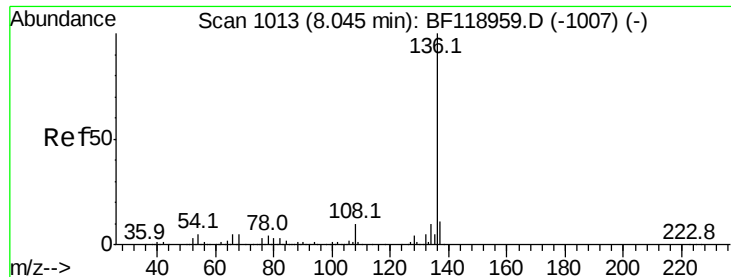
70 100

42 37.6 38.0 57.0#

101 0.0 8.2 12.4#

130 2.3 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 331770

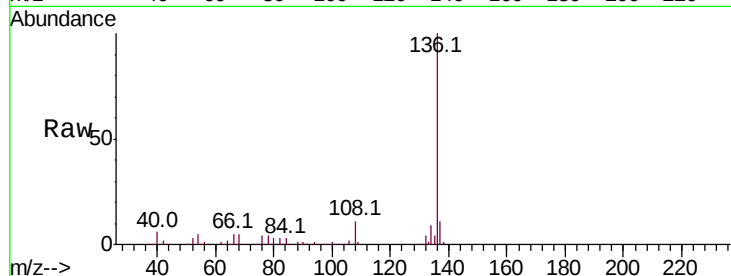
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 4.7 3.8 5.6

68 5.1 3.9 5.9

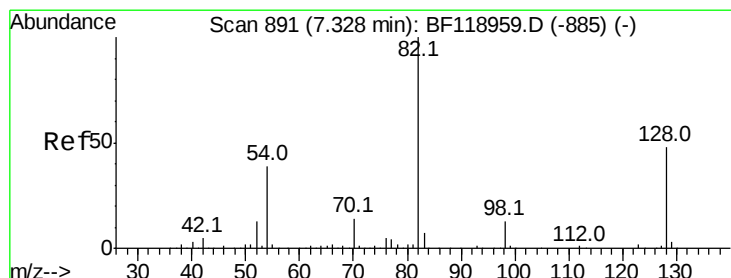
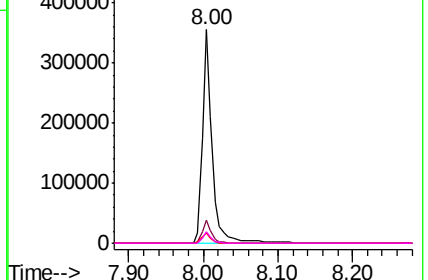
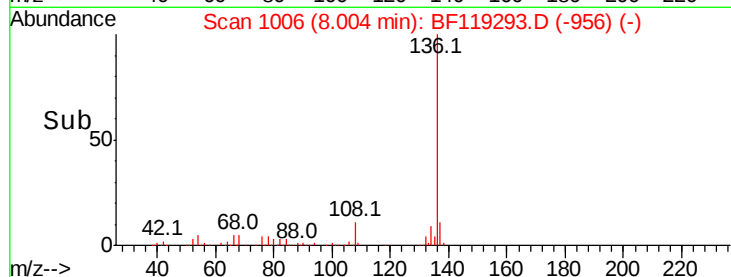


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.185 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

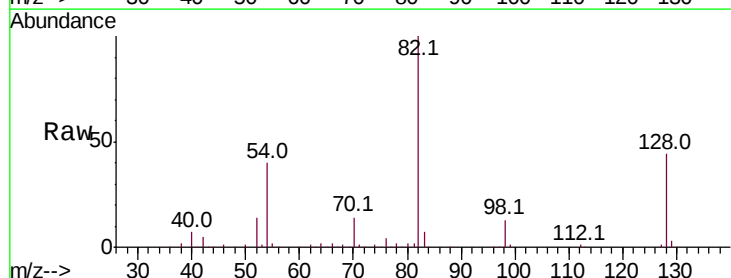
Tgt Ion: 82 Resp: 415876

Ion Ratio Lower Upper

82 100

128 44.1 37.9 56.9

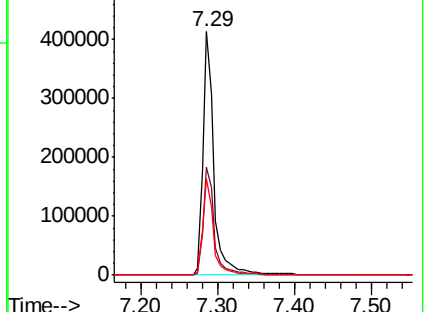
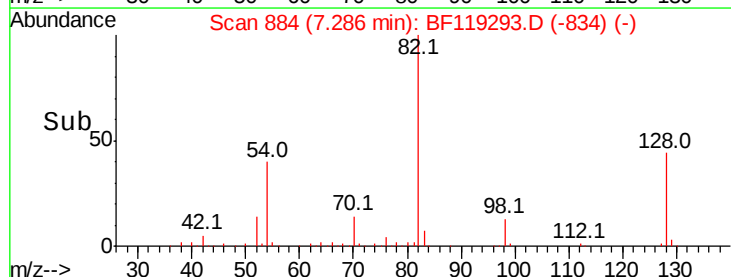
54 39.8 33.4 50.2

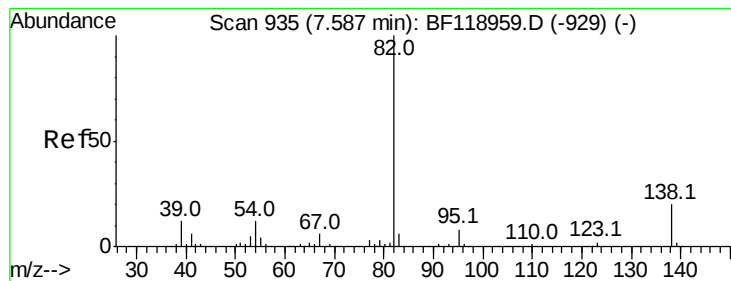


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.110 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA_F

ClientSampleId :

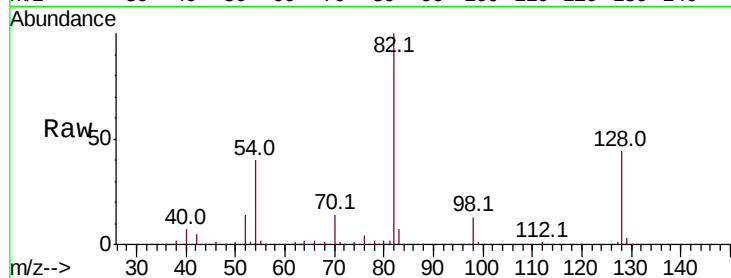
Tot Ion: 82 Resp: 415876

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

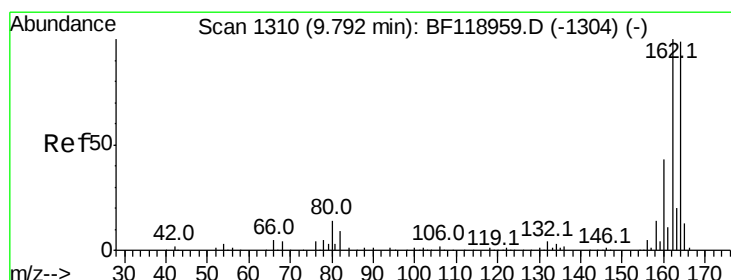
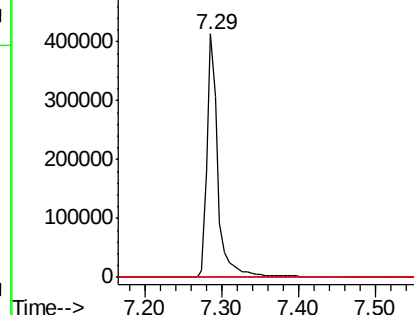
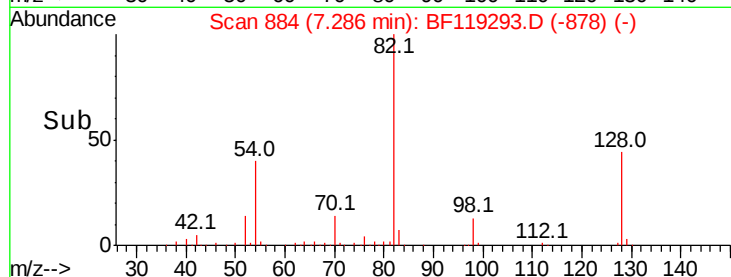
138 0.0 15.7 23.5#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

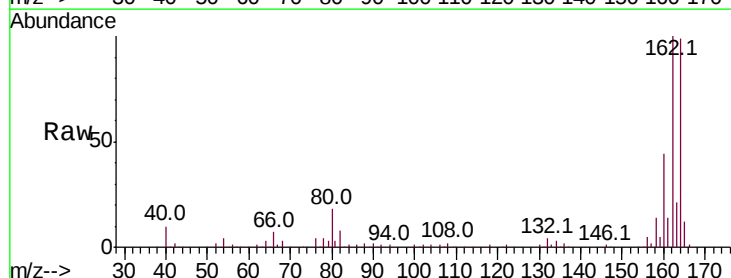
Tgt Ion: 164 Resp: 191456

Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.8

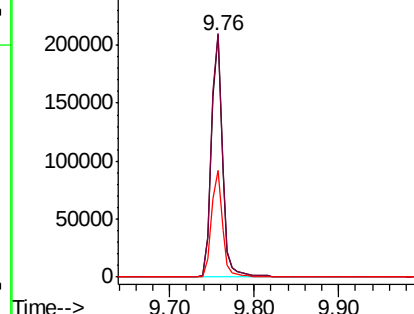
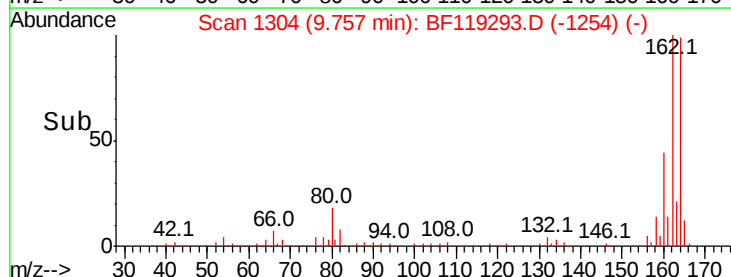
160 44.2 36.0 54.0

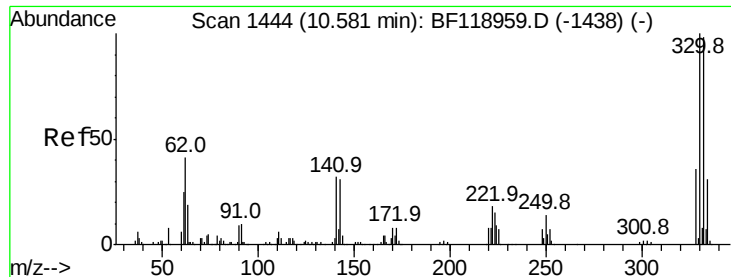


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

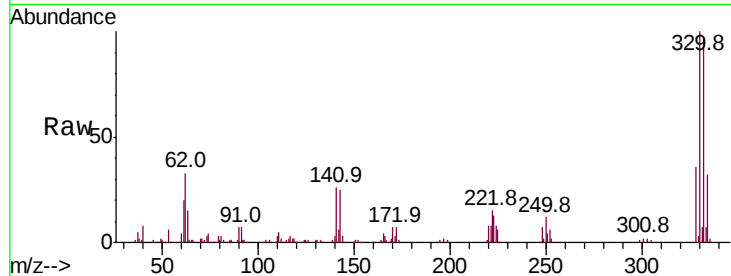




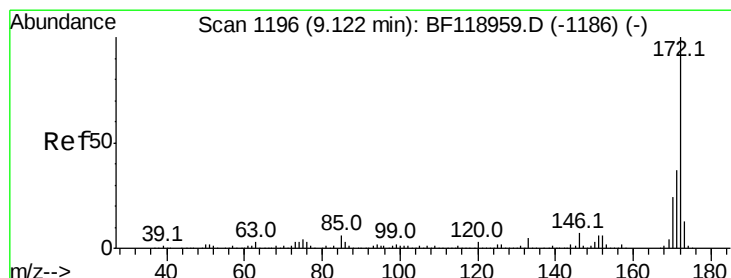
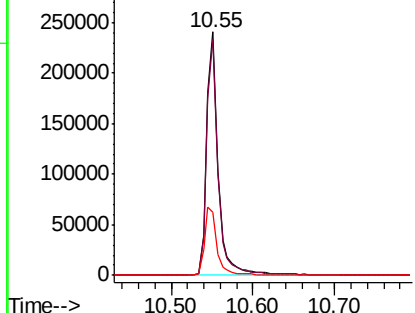
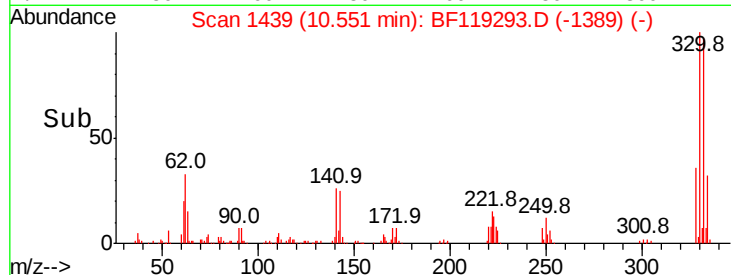
#42
 2,4,6-Tribromophenol
 Concen: 95.493 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.0	114.0
141	30.7	22.9	34.3

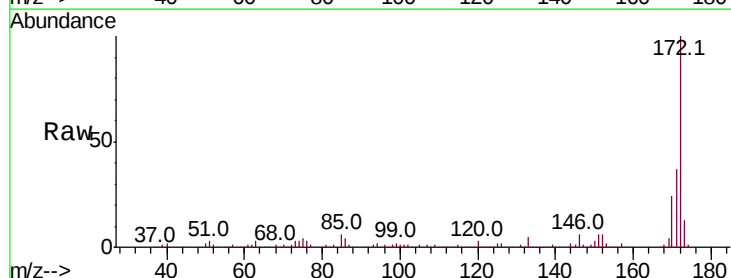


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

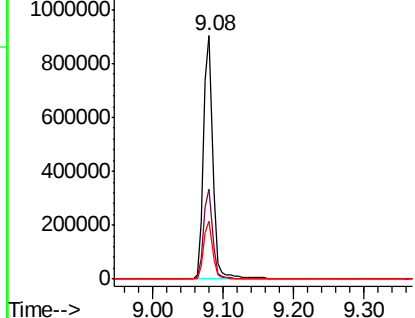
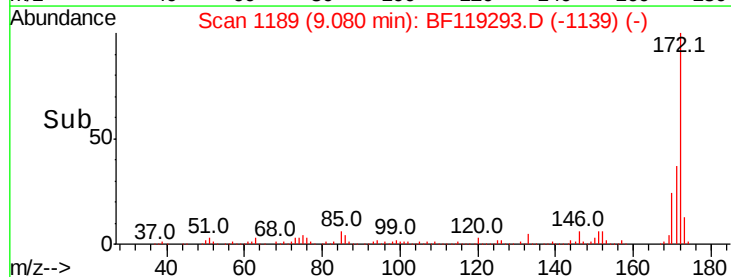


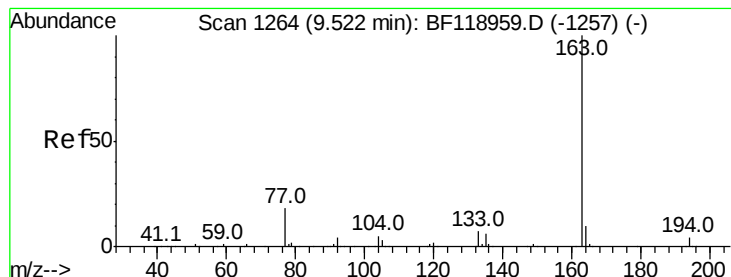
#45
 2-Fluorobiphenyl
 Concen: 65.273 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	45.8
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: 4.495 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA_F

ClientSampleId :

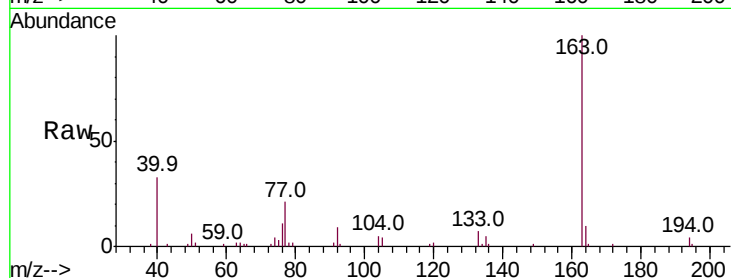
Tot Ion:163 Resp: 65807

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

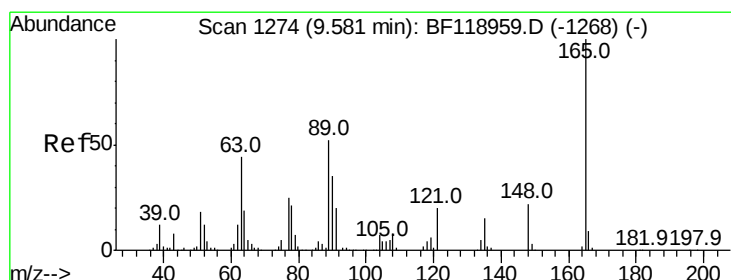
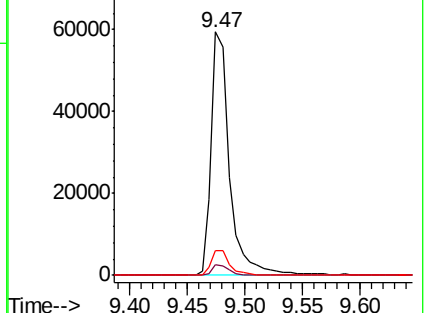
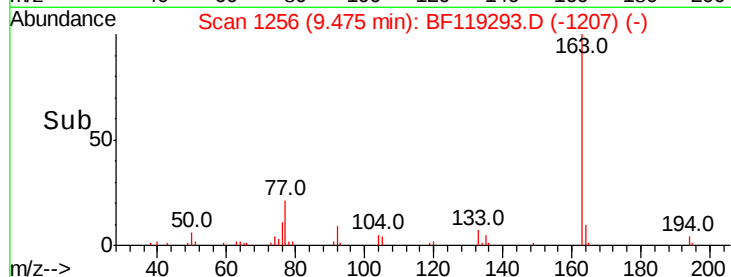
164 10.1 8.4 12.6



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



#51

2,6-Dinitrotoluene

Concen: 7.219 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.20 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

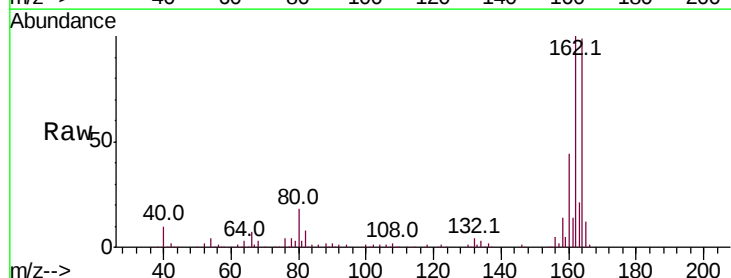
Tgt Ion:165 Resp: 23480

Ion Ratio Lower Upper

165 100

63 1.4 34.3 51.5#

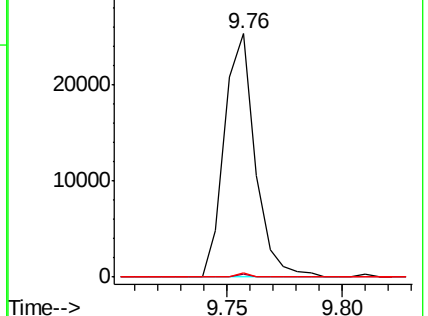
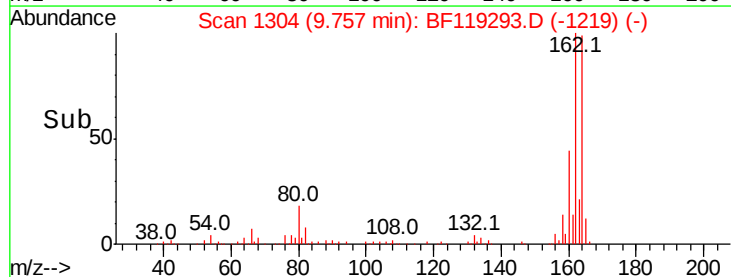
89 1.7 38.3 57.5#

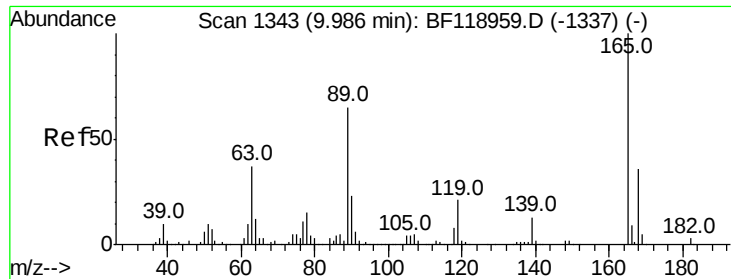


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

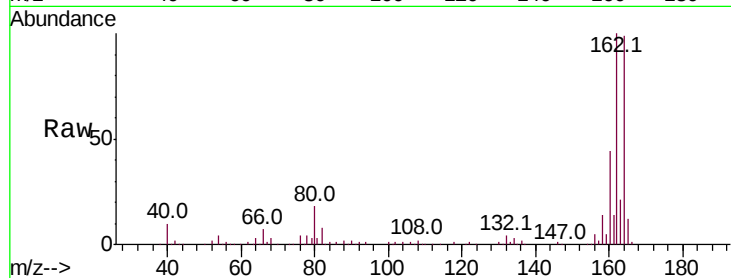




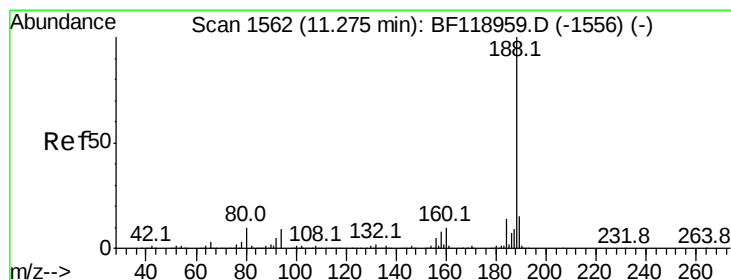
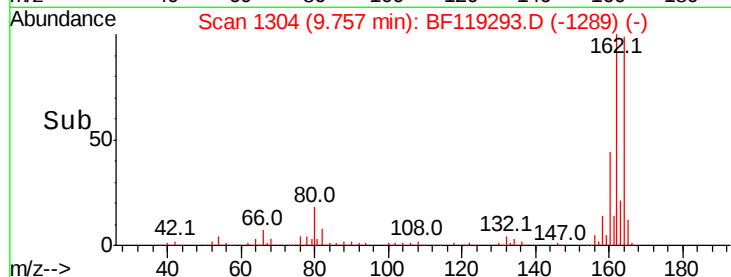
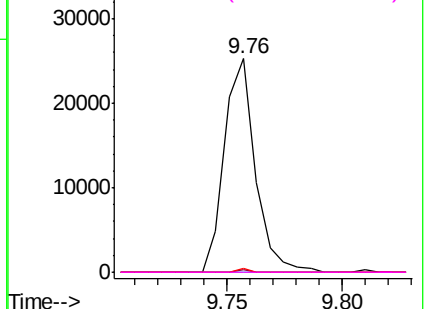
#57
 2,4-Dinitrotoluene
 Concen: 5.569 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.21 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.7	60.2	90.4#
182	0.0	2.3	3.5#

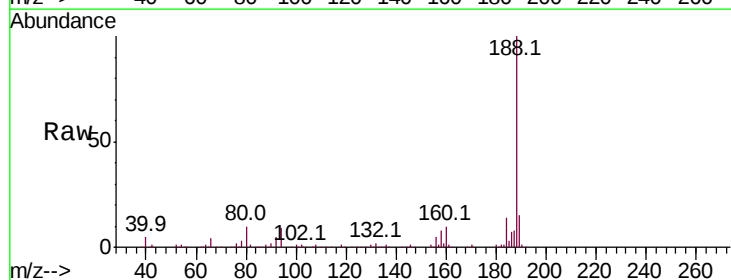


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

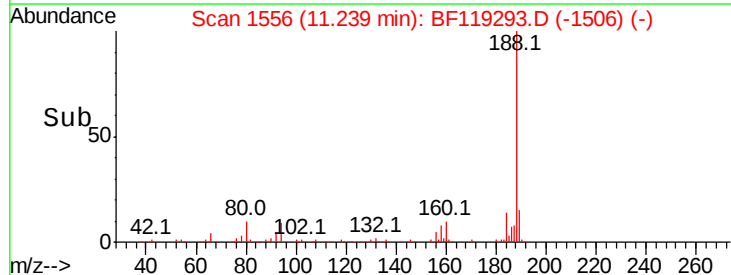
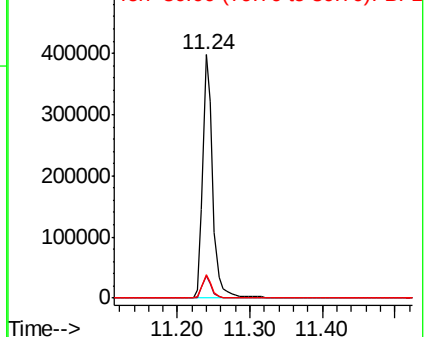


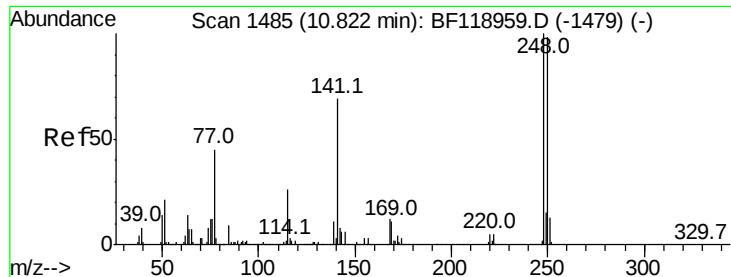
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.1	10.7
80	9.7	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

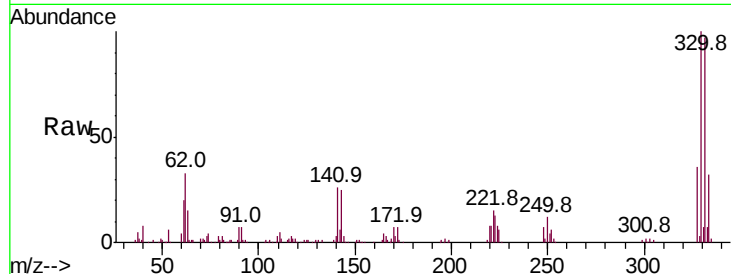




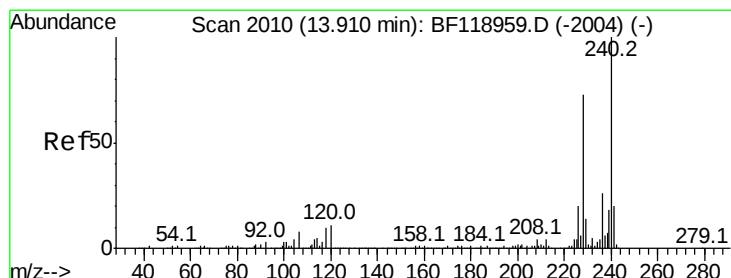
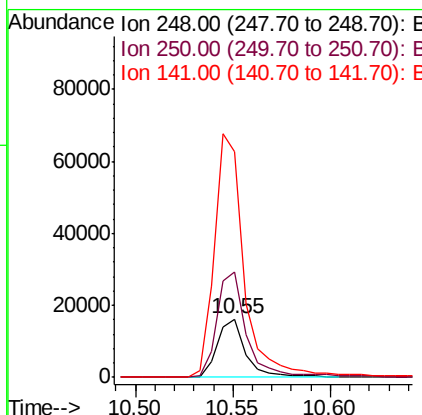
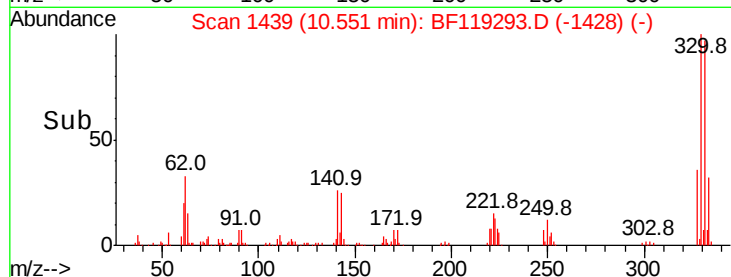
#67
 4-Bromophenyl-phenylether
 Concen: 3.254 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16247
 Ion Ratio Lower Upper
 248 100
 250 180.8 76.7 115.1#
 141 385.7 60.7 91.1#

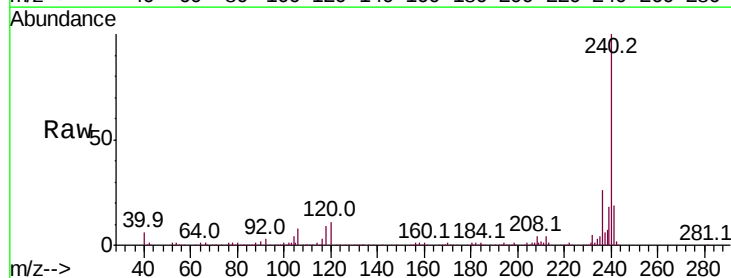


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

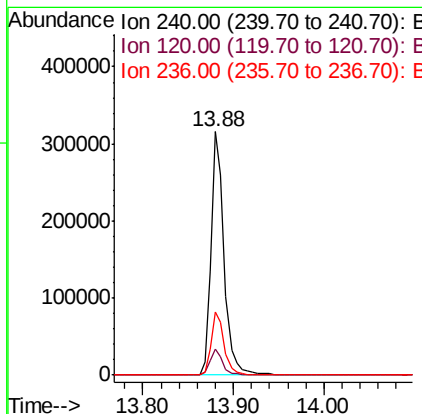
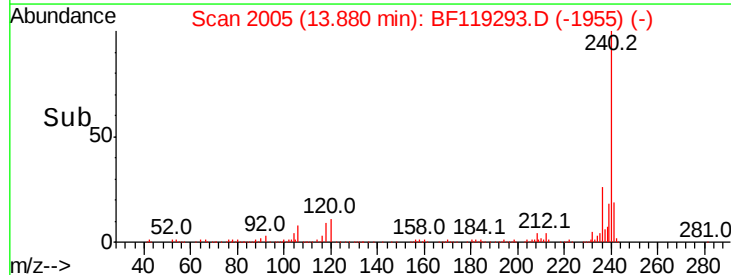


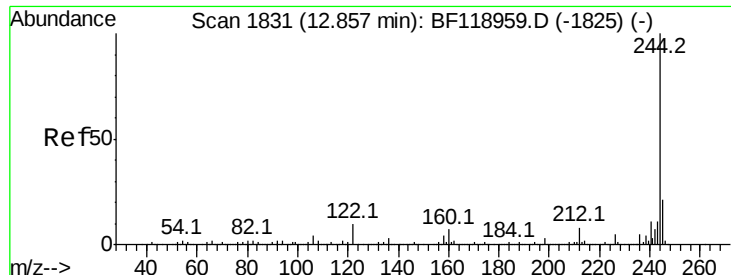
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119293.D
 Acq: 9 Mar 2020 19:59

Tgt Ion:240 Resp: 320827
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 26.0 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: 64.056 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119293.D

Acq: 9 Mar 2020 19:59

Instrument :

BNA_F

ClientSampleId :

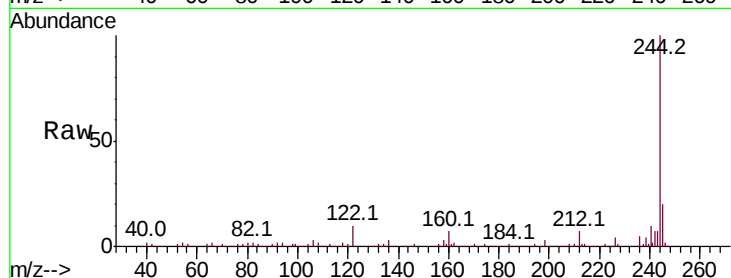
Tot Ion:244 Resp: 1193665

Ion Ratio Lower Upper

244 100

212 7.2 6.6 10.0

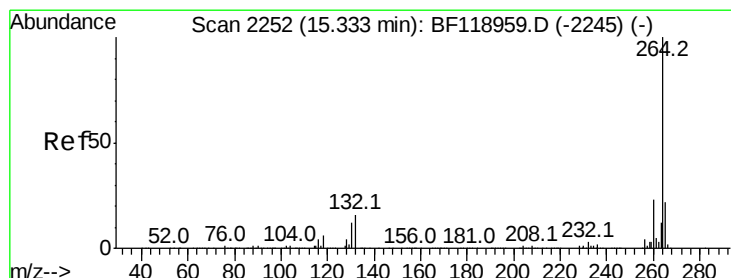
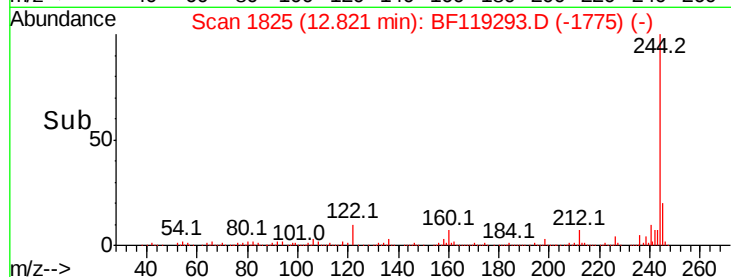
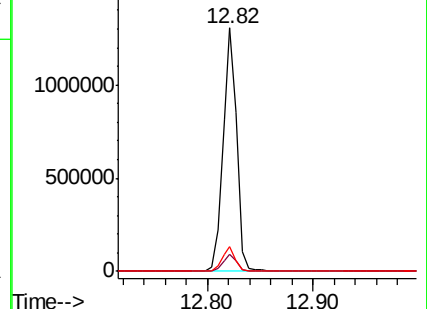
122 10.3 8.2 12.2



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: BF119293.D

Acq: 9 Mar 2020 19:59

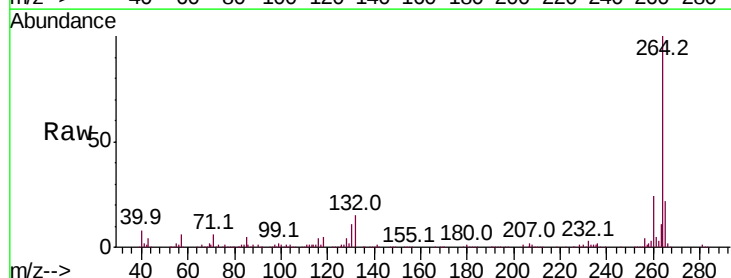
Tgt Ion:264 Resp: 313329

Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

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

