

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119292.D
 Acq On : 9 Mar 2020 19:29
 Operator : CG/JU
 Sample : L1844-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 21:22:50 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

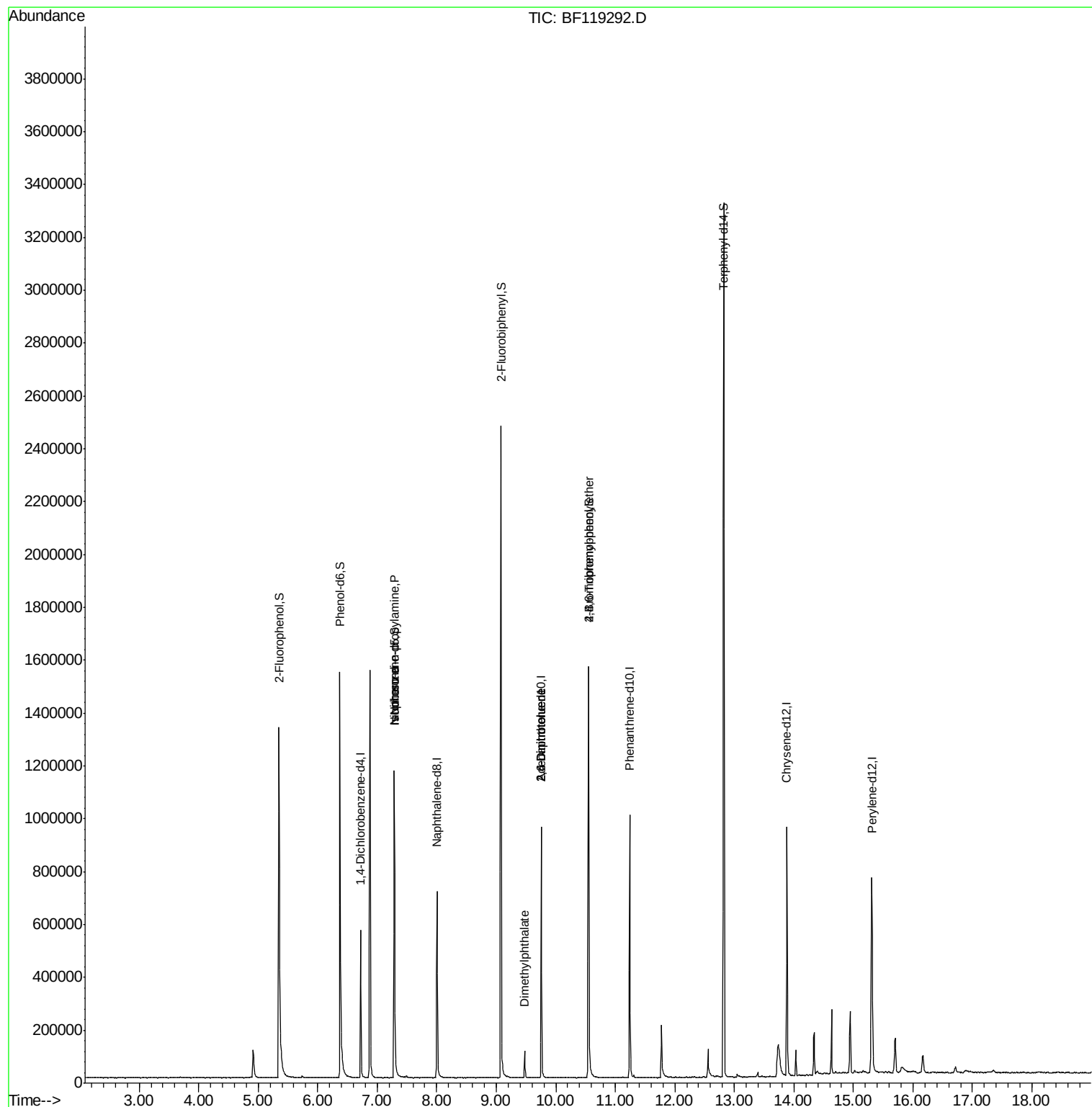
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	88490	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	339571	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	195612	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	388251	20.00	ng	0.00
76) Chrysene-d12	13.88	240	337157	20.00	ng	0.00
87) Perylene-d12	15.31	264	332379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	520194	98.24	ng	0.00
7) Phenol-d6	6.37	99	634099	98.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	411599	64.00	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	234757	91.74	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	837074	63.04	ng	0.00
79) Terphenyl-d14	12.82	244	1181832	60.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	56692	15.108	ng	# 75
25) Isophorone	7.29	82	411599	36.851	ng	# 63
50) Dimethylphthalate	9.47	163	51942	3.473	ng	# 98
51) 2,6-Dinitrotoluene	9.76	165	24257	7.299	ng	# 33
57) 2,4-Dinitrotoluene	9.76	165	24257	5.631	ng	# 21
67) 4-Bromophenyl-phenylether	10.55	248	15703	3.094	ng	# 1

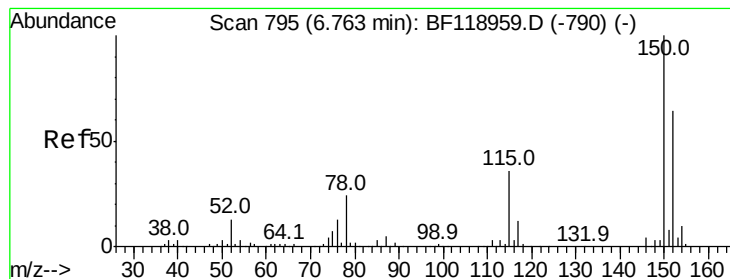
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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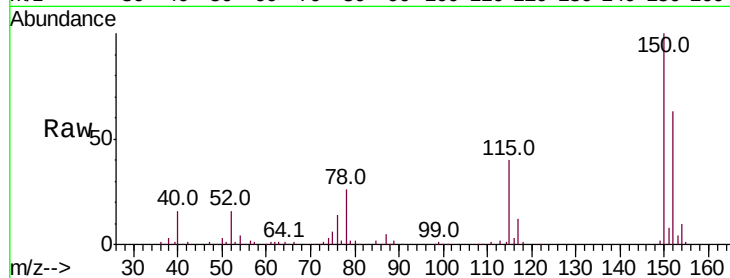


#1

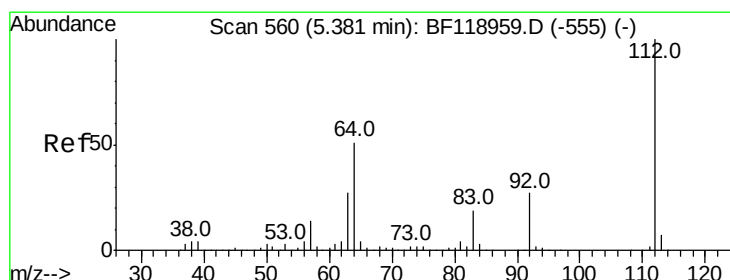
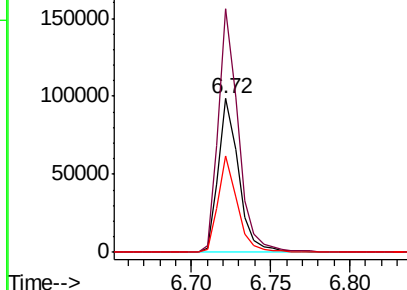
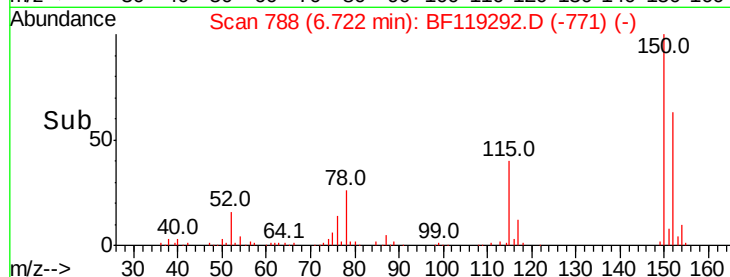
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88490
Ion Ratio Lower Upper
152 100
150 158.3 123.0 184.6
115 62.6 49.5 74.3



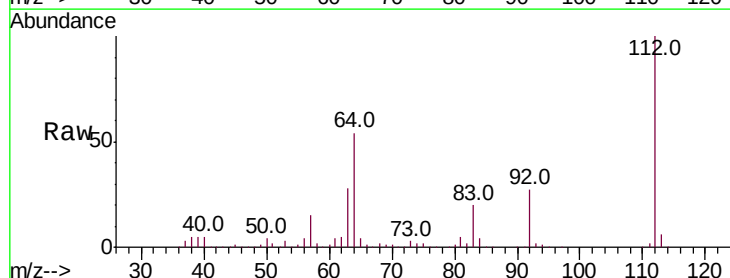
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



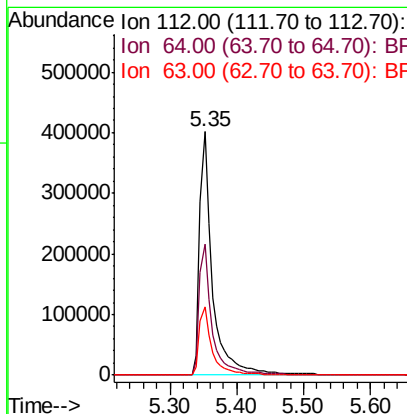
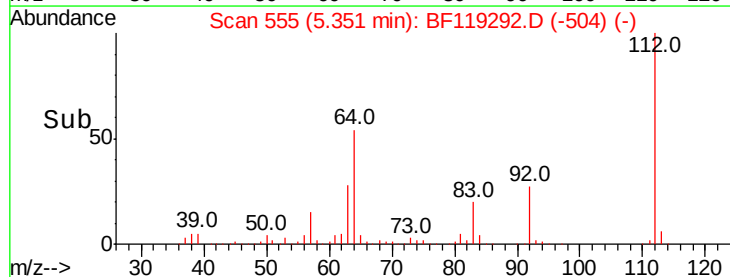
#5

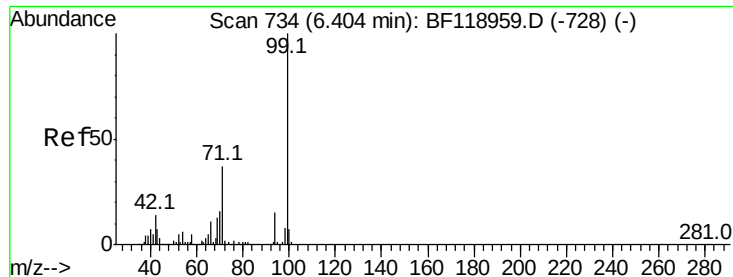
2-Fluorophenol
Concen: 98.241 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Tgt Ion:112 Resp: 520194
Ion Ratio Lower Upper
112 100
64 53.8 45.0 67.4
63 28.3 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: 98.466 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF119292.D

Acq: 9 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

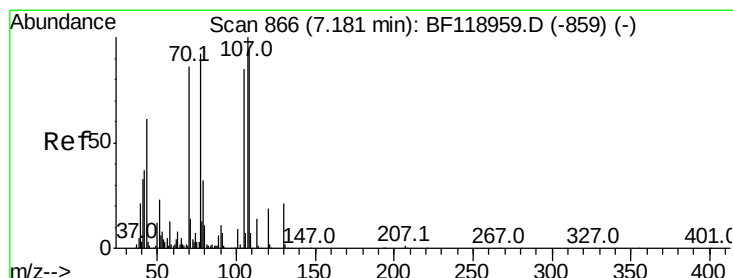
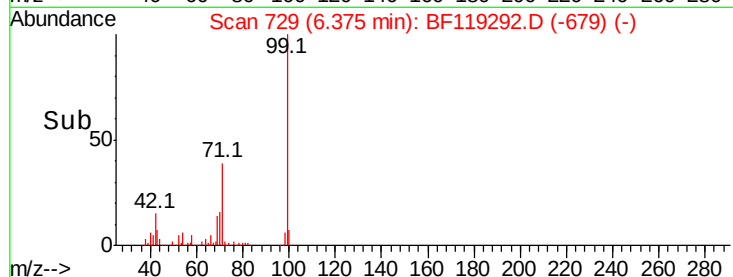
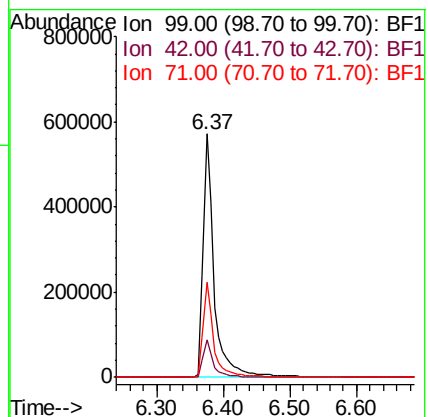
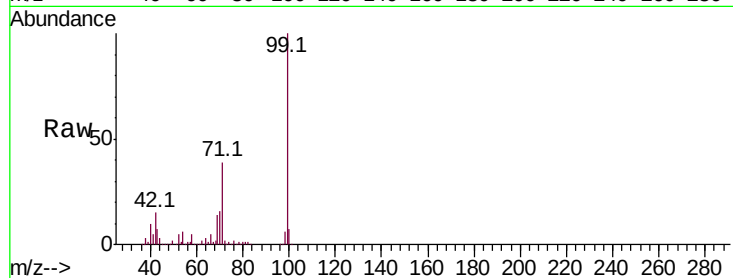
Tot Ion: 99 Resp: 634099

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 39.0 31.0 46.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.108 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF119292.D

Acq: 9 Mar 2020 19:29

Tgt Ion: 70 Resp: 56692

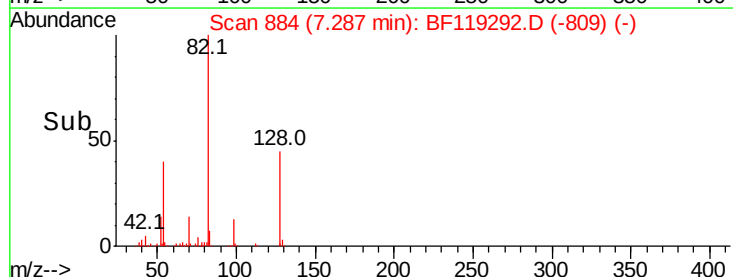
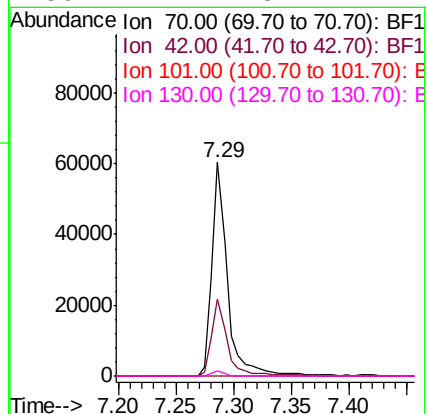
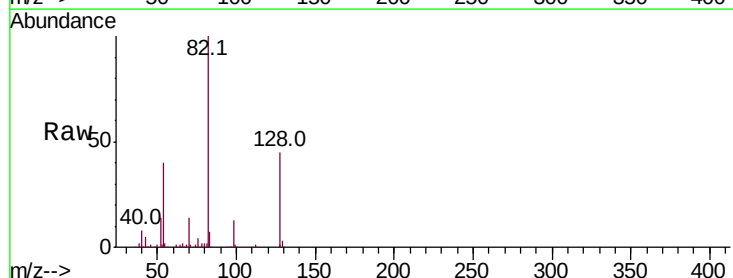
Ion Ratio Lower Upper

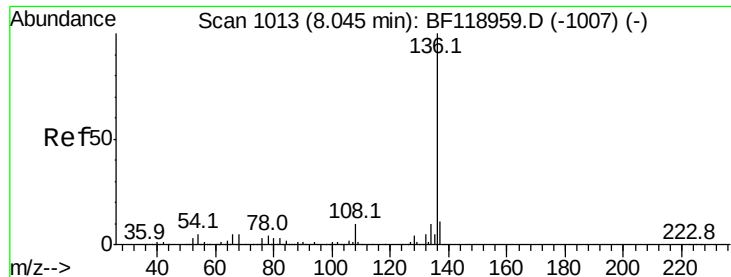
70 100

42 36.2 38.0 57.0#

101 0.0 8.2 12.4#

130 2.2 18.2 27.4#

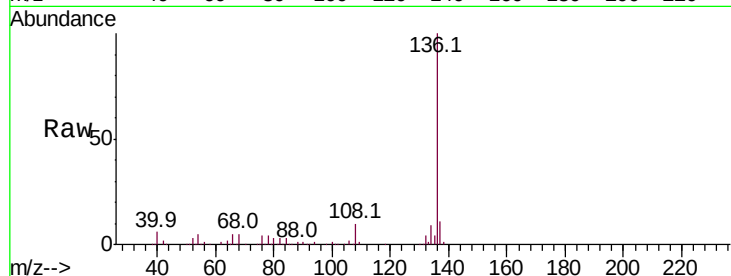




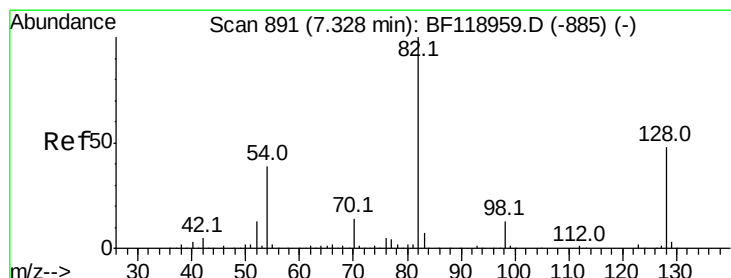
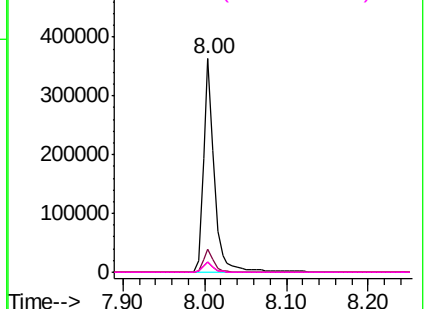
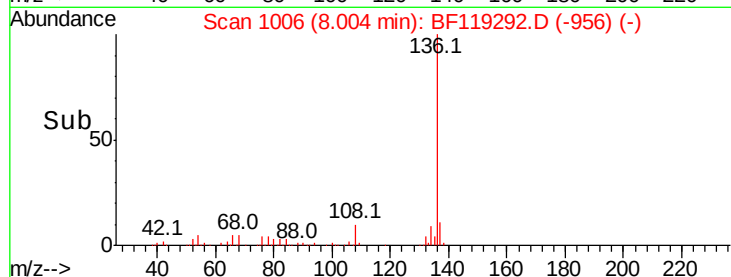
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 339571
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 5.0	3.8 5.6
68 4.9	3.9 5.9

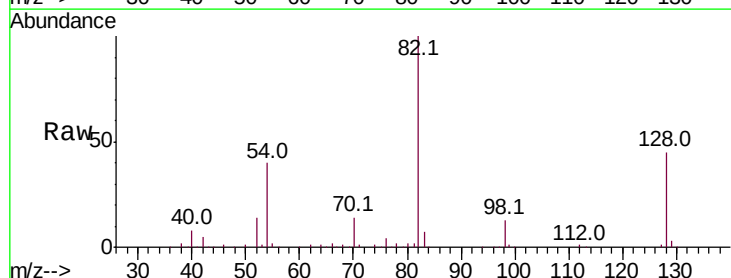


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

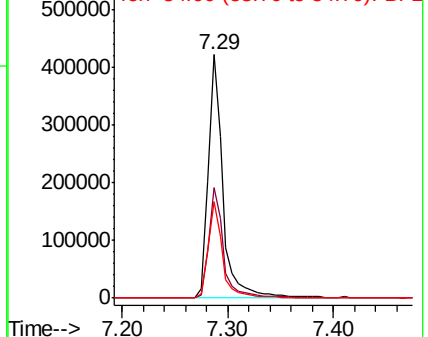
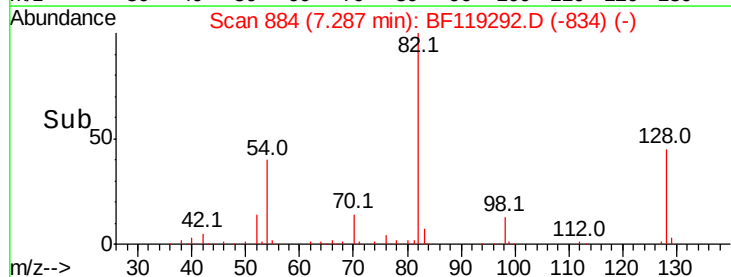


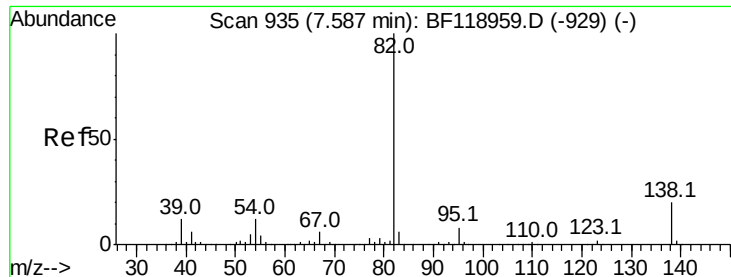
#23
Nitrobenzene-d5
Concen: 64.000 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Tgt	Ion: 82	Resp:	411599
Ion	Ratio	Lower	Upper
82	100		
128	45.2	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

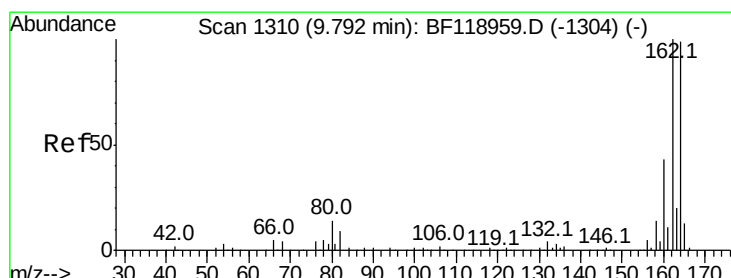
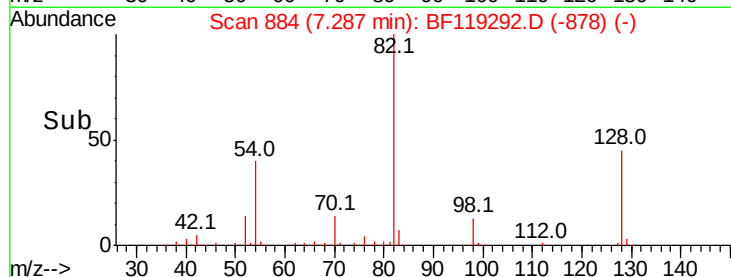
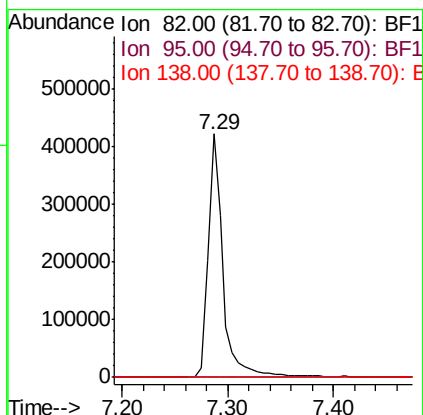
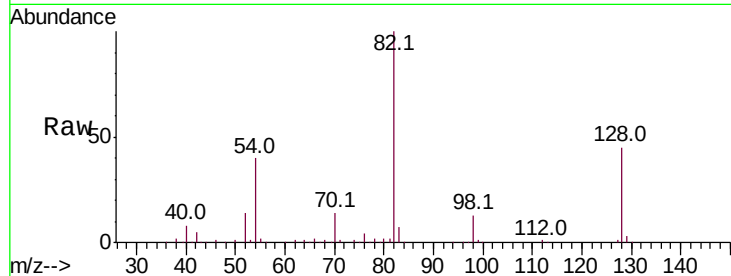




#25
Isophorone
Concen: 36.851 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

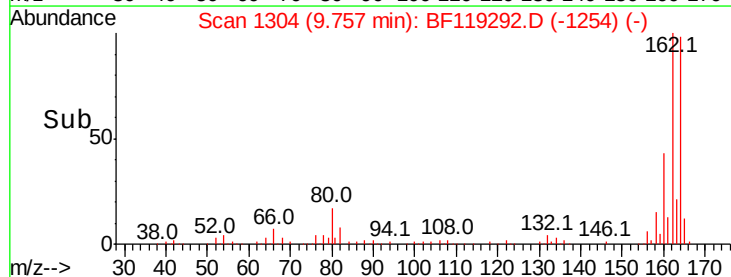
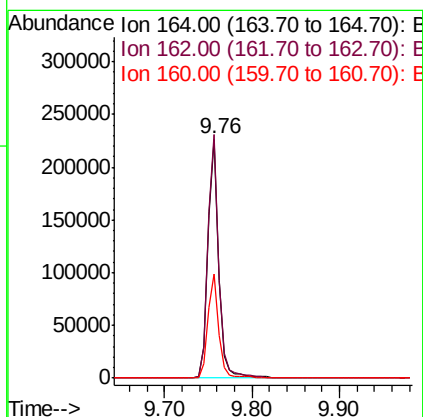
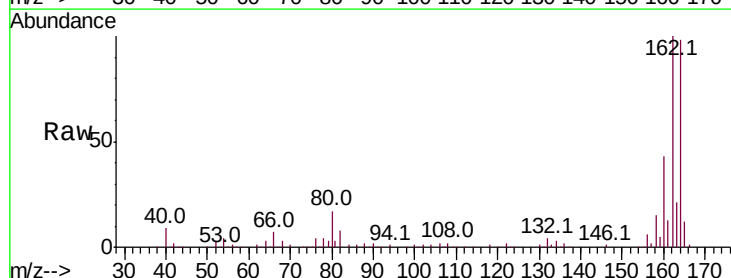
Instrument :
BNA_F
ClientSampled :

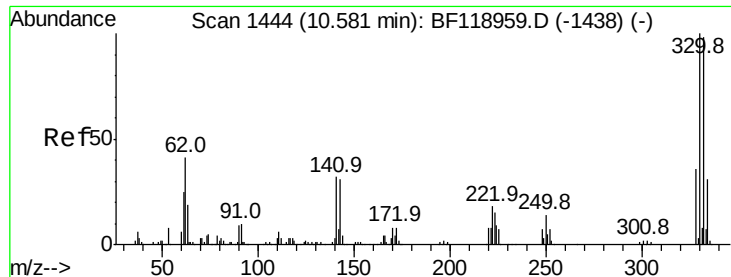
Tot Ion: 82 Resp: 411599
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 15.7 23.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Tgt Ion: 164 Resp: 195612
Ion Ratio Lower Upper
164 100
162 102.0 81.8 122.8
160 43.7 36.0 54.0

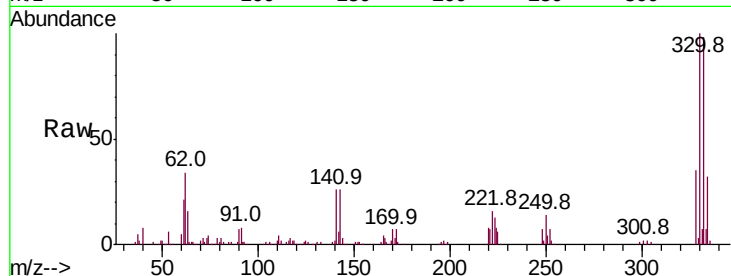




#42
 2,4,6-Tribromophenol
 Concen: 91.740 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119292.D
 Acq: 9 Mar 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	30.8	22.9	34.3

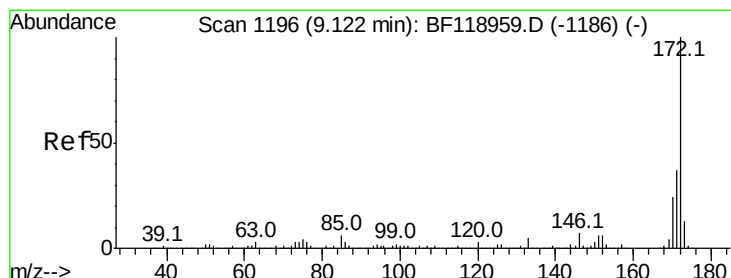
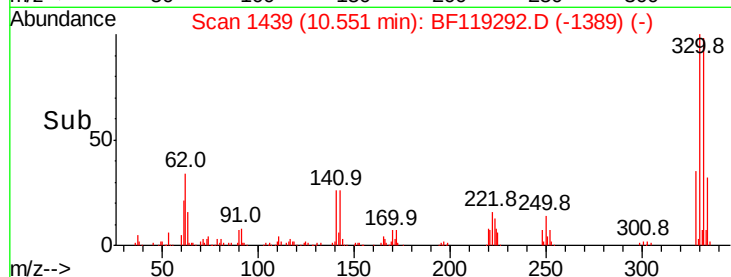
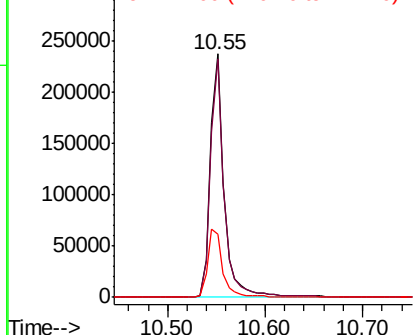


Abundance

Ion 329.80 (329.50 to 330.50): E

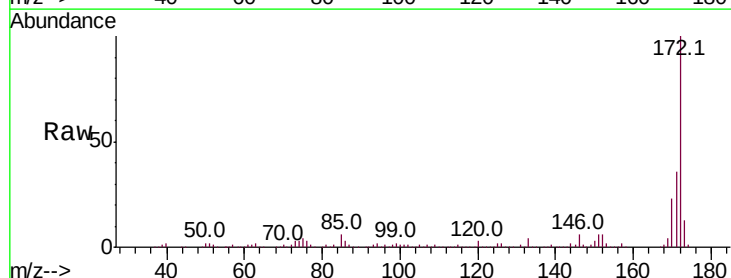
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 63.041 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119292.D
 Acq: 9 Mar 2020 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.6	45.8
170	23.2	20.2	30.2

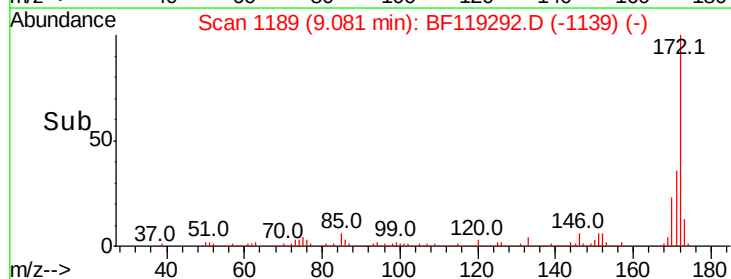
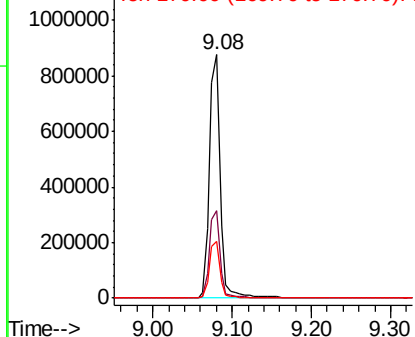


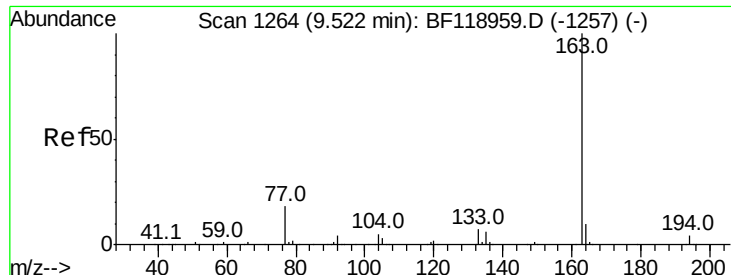
Abundance

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

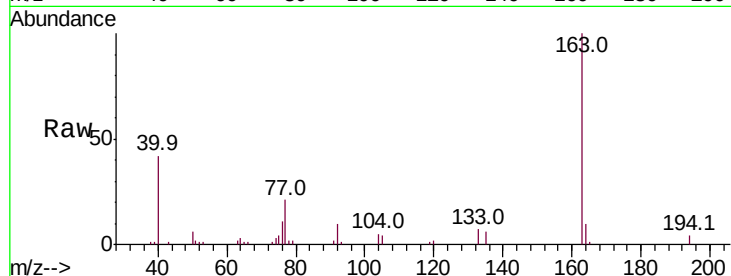




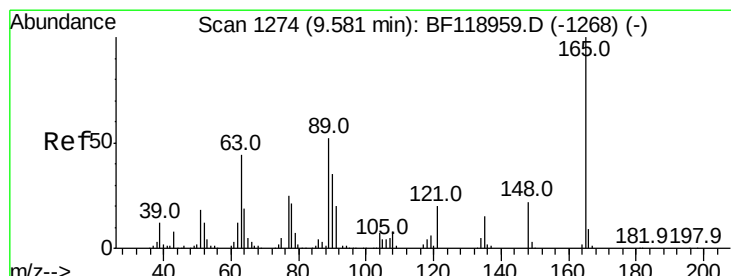
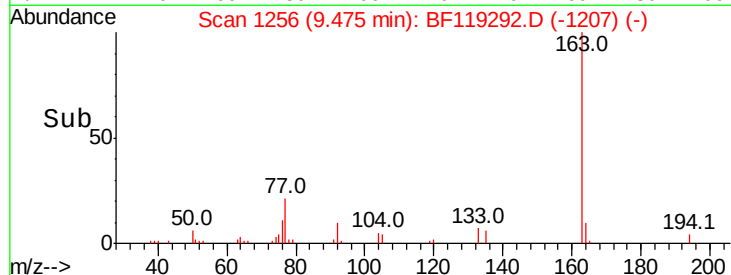
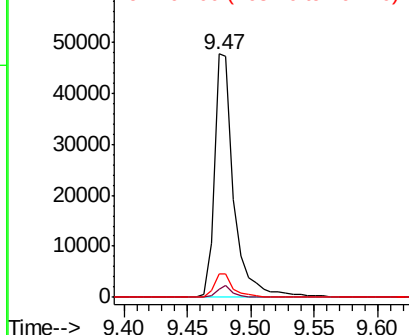
#50
Dimethylphthalate
Concen: 3.473 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 51942
Ion Ratio Lower Upper
163 100
194 3.6 3.5 5.3
164 9.6 8.4 12.6

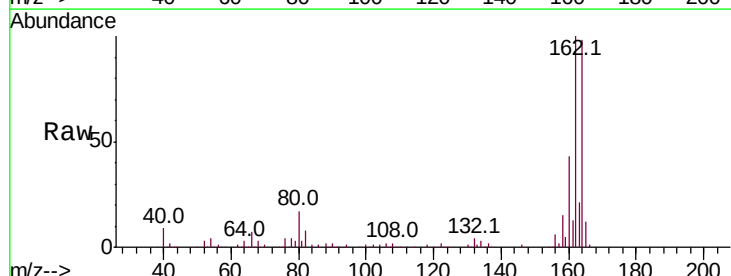


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

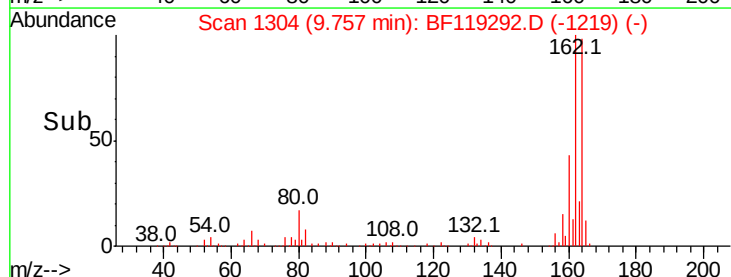
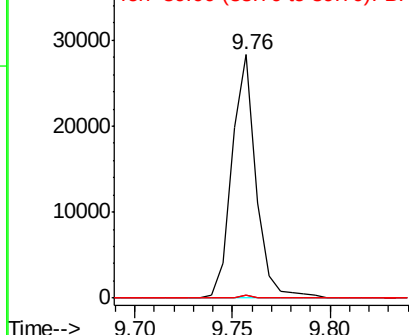


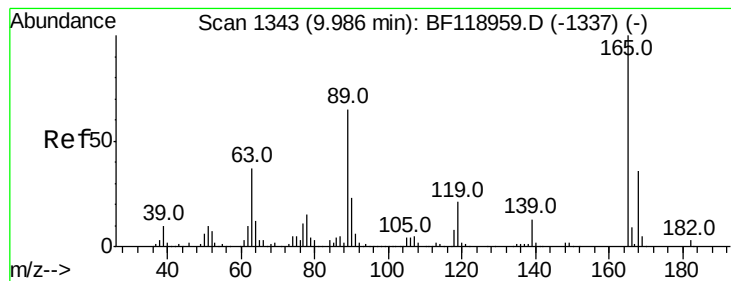
#51
2,6-Dinitrotoluene
Concen: 7.299 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.20 min
Lab File: BF119292.D
Acq: 9 Mar 2020 19:29

Tgt Ion:165 Resp: 24257
Ion Ratio Lower Upper
165 100
63 1.1 34.3 51.5#
89 1.5 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: 5.631 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.21 min

Lab File: BF119292.D

Acq: 9 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 24257

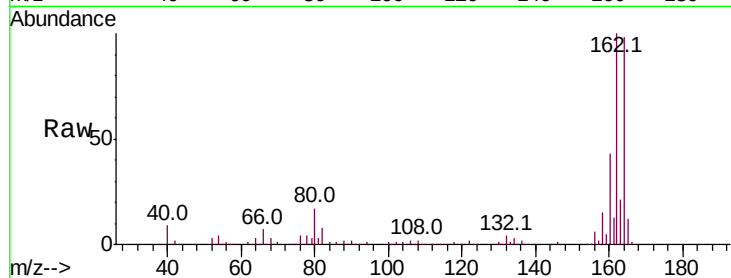
Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

89 1.5 60.2 90.4#

182 0.0 2.3 3.5#

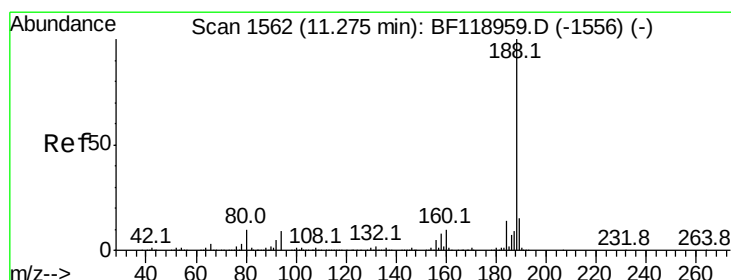
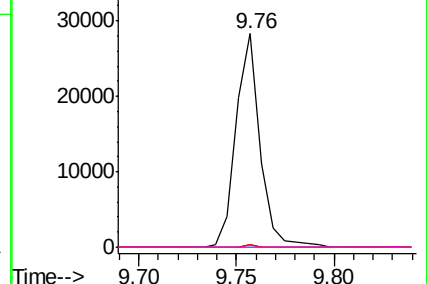
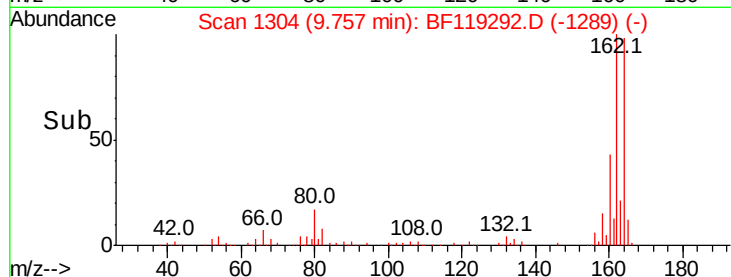


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF119292.D

Acq: 9 Mar 2020 19:29

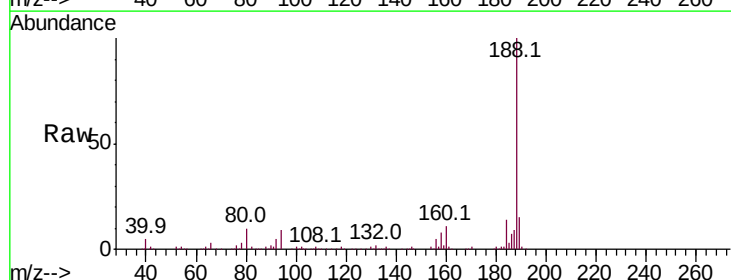
Tgt Ion:188 Resp: 388251

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

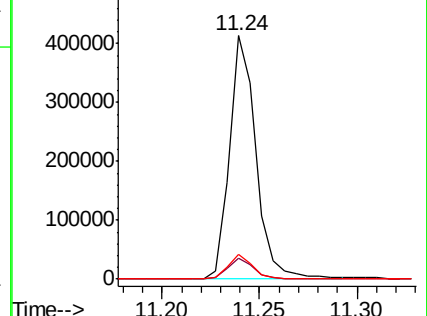
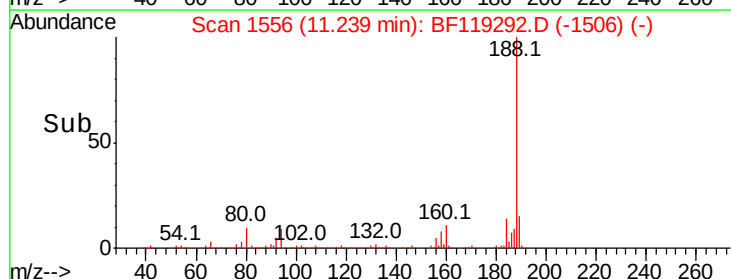
80 10.0 7.8 11.8

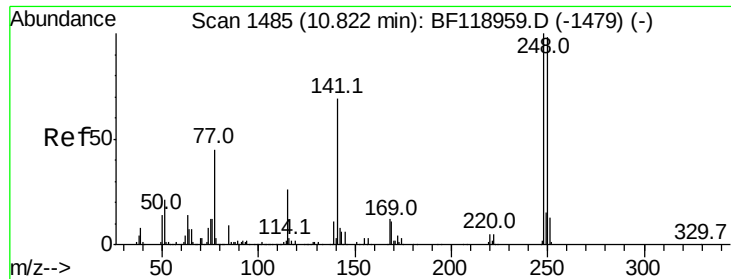


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

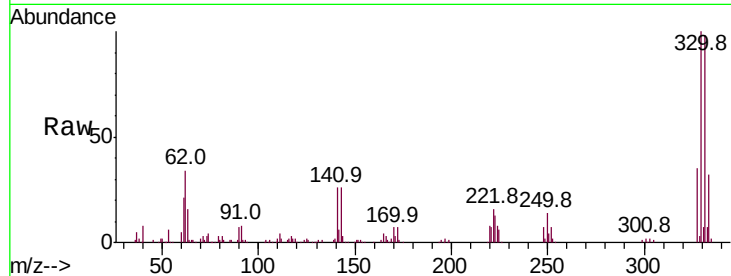




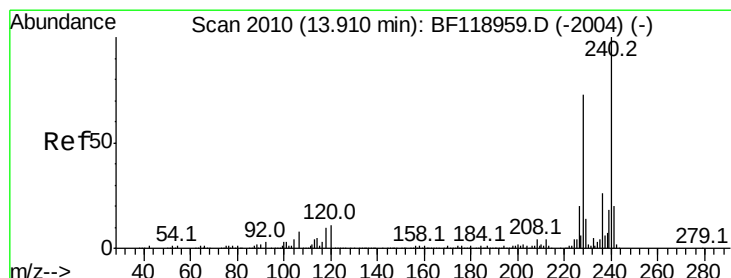
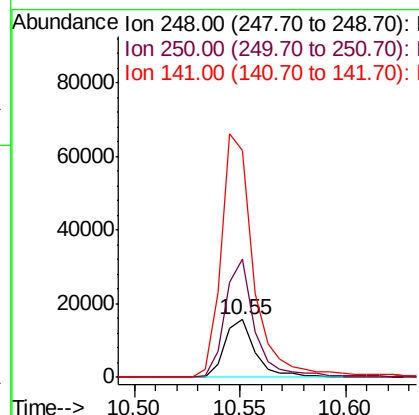
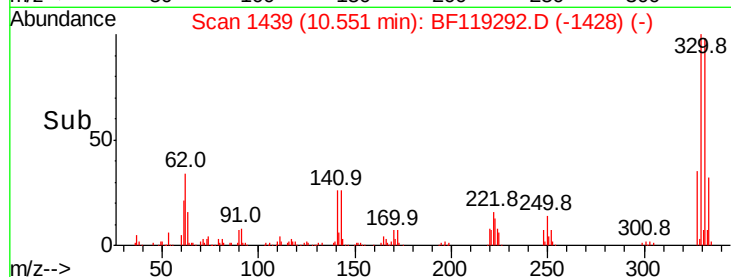
#67
 4-Bromophenyl-phenylether
 Concen: 3.094 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.24 min
 Lab File: BF119292.D
 Acq: 9 Mar 2020 19:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 15703
 Ion Ratio Lower Upper
 248 100
 250 204.9 76.7 115.1#
 141 393.1 60.7 91.1#

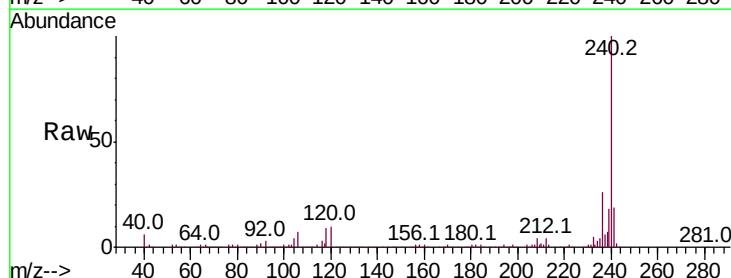


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

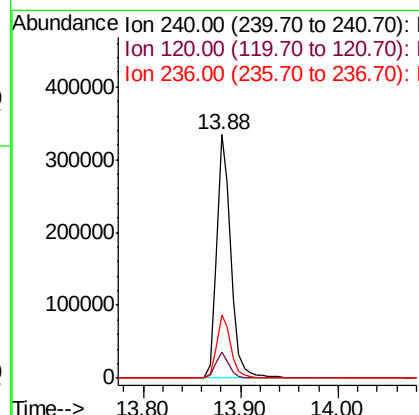
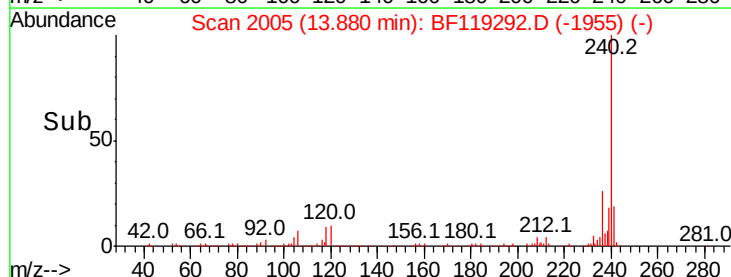


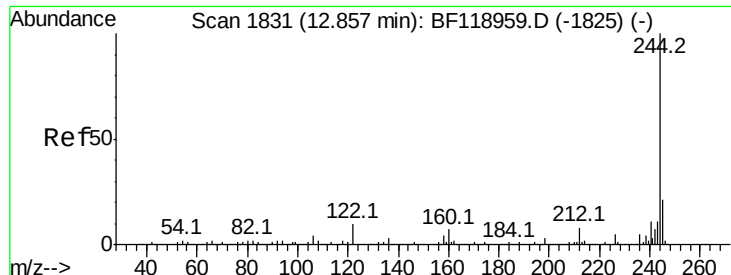
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF119292.D
 Acq: 9 Mar 2020 19:29

Tgt Ion:240 Resp: 337157
 Ion Ratio Lower Upper
 240 100
 120 10.5 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: 60.350 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119292.D

Acq: 9 Mar 2020 19:29

Instrument :

BNA_F

ClientSampleId :

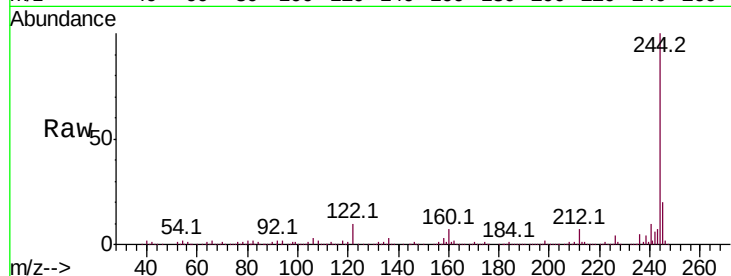
Tot Ion:244 Resp: 1181832

Ion Ratio Lower Upper

244 100

212 7.3 6.6 10.0

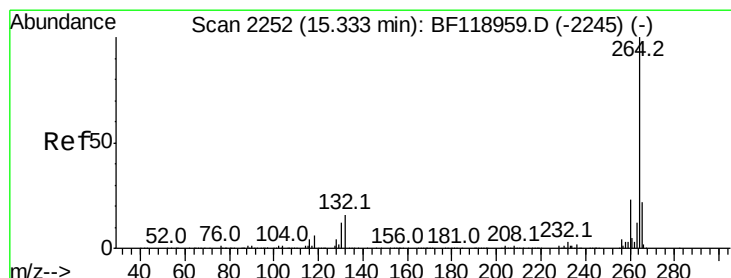
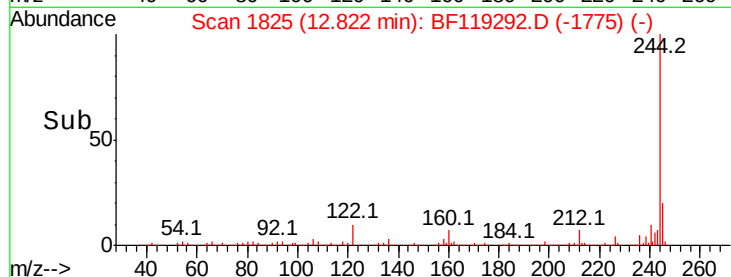
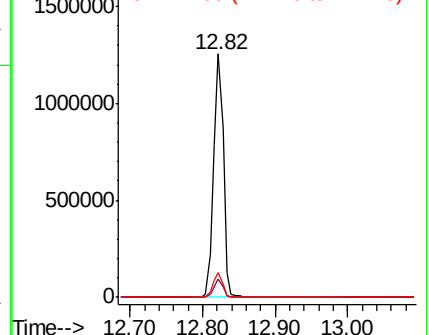
122 10.1 8.2 12.2



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: BF119292.D

Acq: 9 Mar 2020 19:29

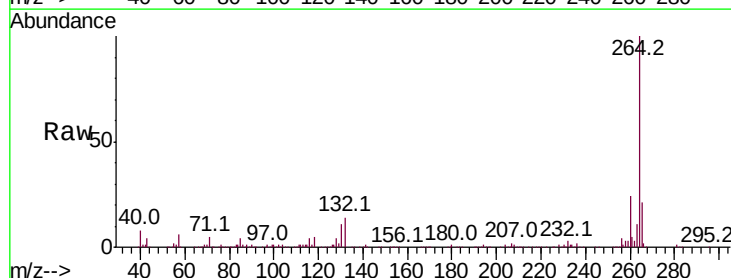
Tgt Ion:264 Resp: 332379

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.2 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

