

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021020\
 Data File : BF118878.D
 Acq On : 10 Feb 2020 19:48
 Operator : CG/JU
 Sample : L1472-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Feb 11 00:17:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

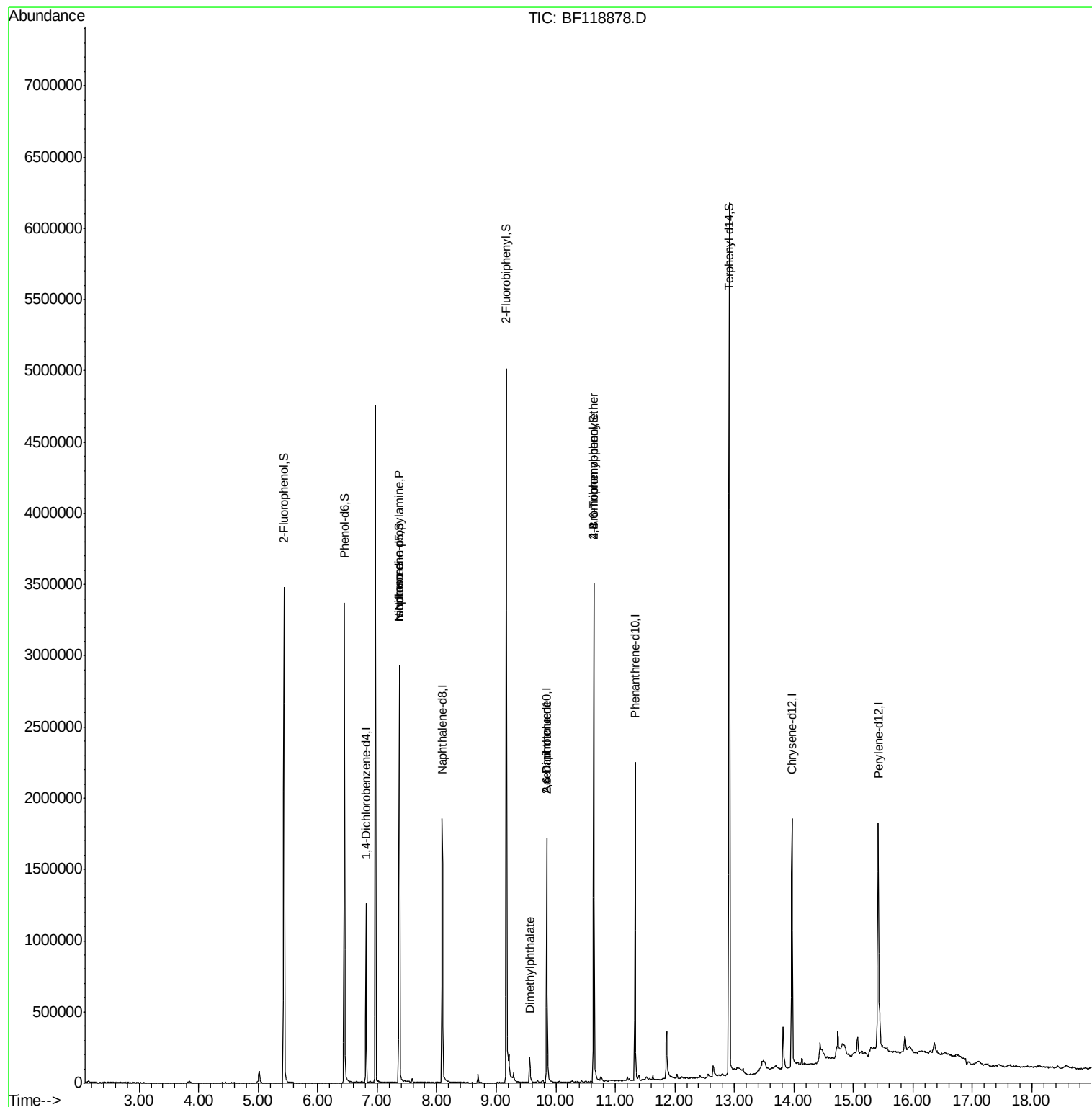
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	193317	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	902323	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	418471	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	832628	20.00	ng	0.00
76) Chrysene-d12	13.97	240	678711	20.00	ng	-0.01
87) Perylene-d12	15.42	264	851616	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1044498	102.28	ng	0.00
7) Phenol-d6	6.45	99	1225819	96.69	ng	0.00
23) Nitrobenzene-d5	7.37	82	1029298	67.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	522971	104.45	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1762488	75.29	ng	-0.01
79) Terphenyl-d14	12.92	244	2261981	68.46	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.45	77	1962	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	139478	17.981 ng	#	75
25) Isophorone	7.37	82	1029290	37.832 ng	#	63
50) Dimethylphthalate	9.56	163	91693	3.218 ng		98
51) 2,6-Dinitrotoluene	9.85	165	53471	8.201 ng	#	31
57) 2,4-Dinitrotoluene	9.85	165	53638	6.217 ng	#	34
67) 4-Bromophenyl-phenylether	10.64	248	33705	3.422 ng	#	1

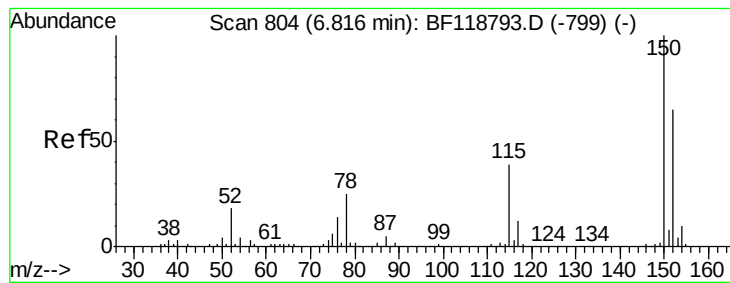
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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Quant Time: Feb 11 00:17:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration



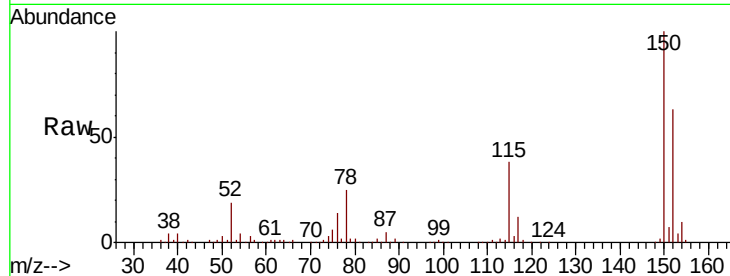


#1

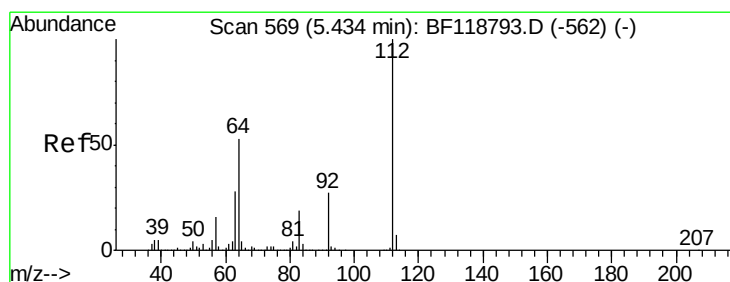
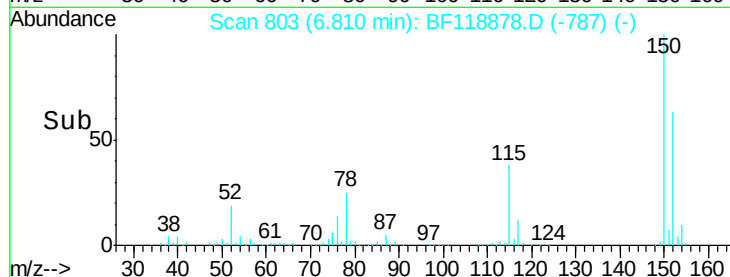
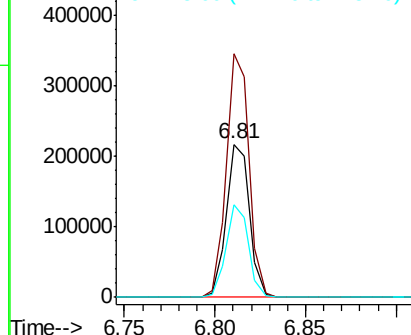
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 193317
 Ion Ratio Lower Upper
 152 100
 150 158.7 123.6 185.4
 115 60.6 48.2 72.2



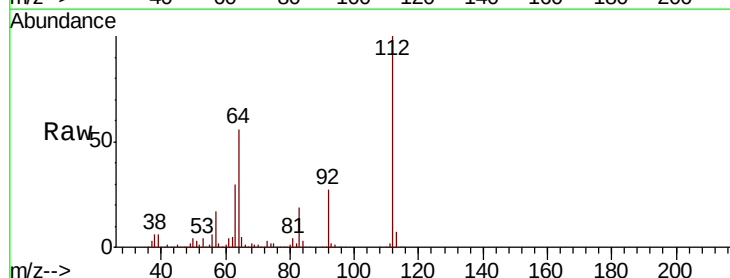
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



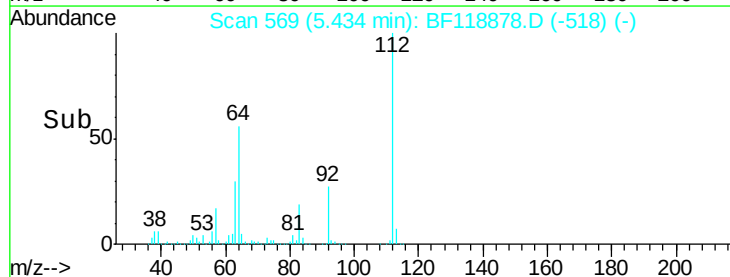
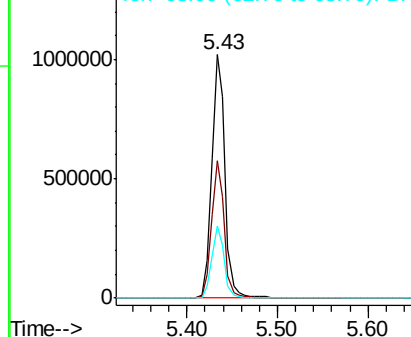
#5

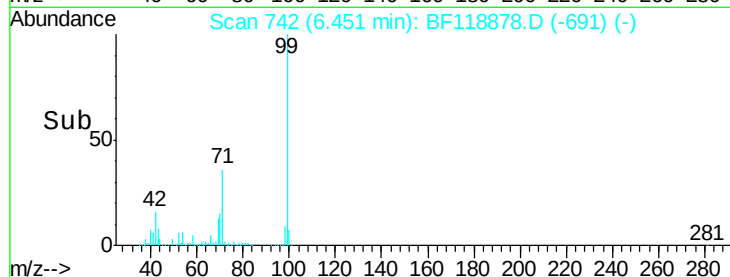
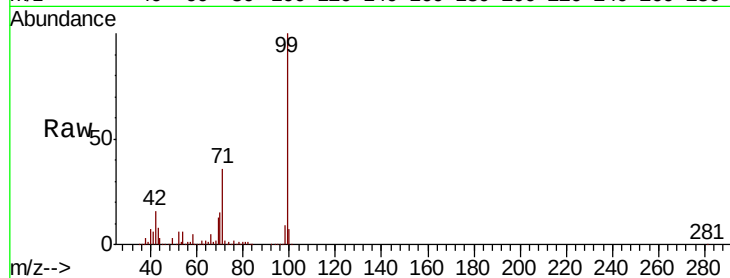
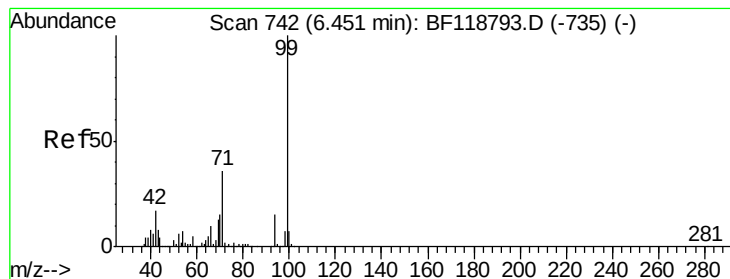
2-Fluorophenol
 Concen: 102.276 ng
 RT: 5.43 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

Tgt Ion:112 Resp: 1044498
 Ion Ratio Lower Upper
 112 100
 64 56.3 42.6 63.8
 63 29.7 22.2 33.4



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: 96.693 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-2

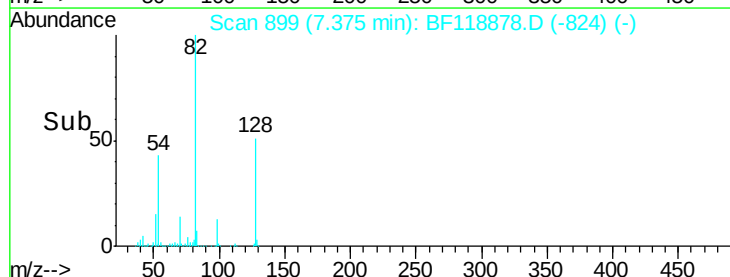
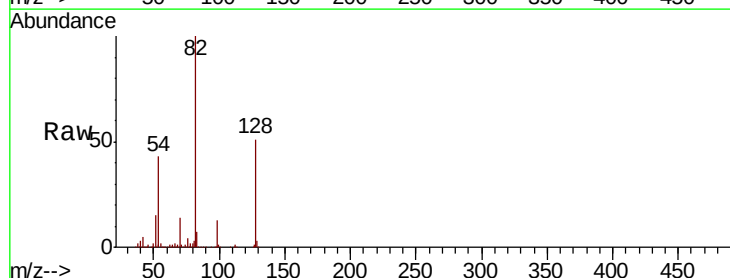
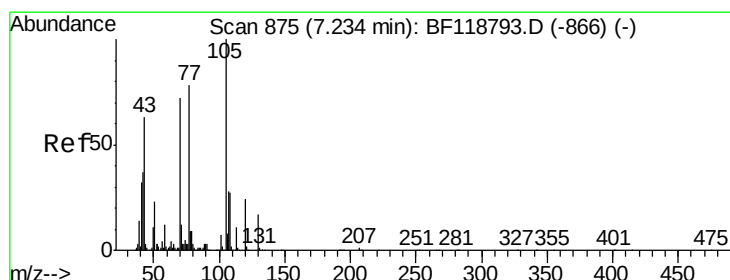
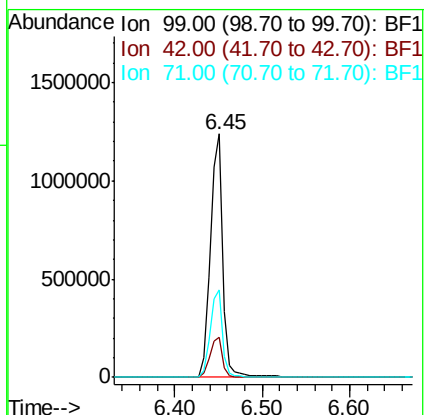
Tot Ion: 99 Resp: 1225819

Ion Ratio Lower Upper

99 100

42 16.4 13.4 20.0

71 35.8 29.0 43.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.981 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

Tgt Ion: 70 Resp: 139478

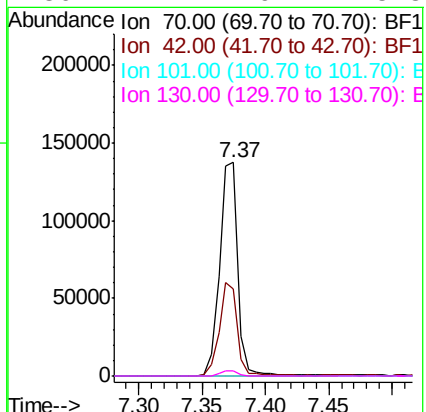
Ion Ratio Lower Upper

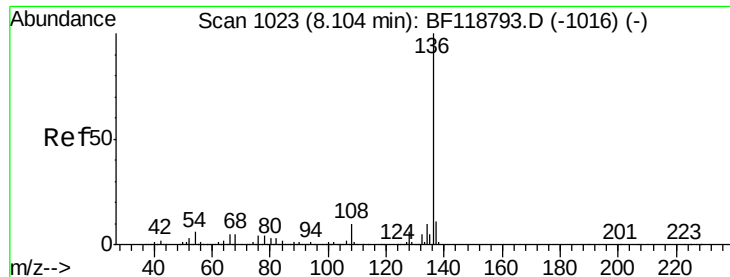
70 100

42 40.5 41.5 62.3#

101 0.0 8.3 12.5#

130 2.4 19.2 28.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-2

Tot Ion:136 Resp: 902323

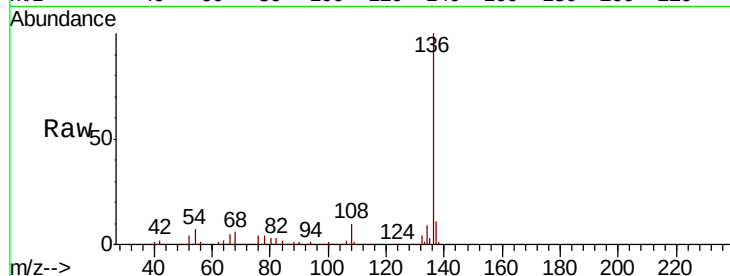
Ion Ratio Lower Upper

136 100

137 11.3 8.7 13.1

54 7.2 5.0 7.6

68 6.0 4.2 6.4

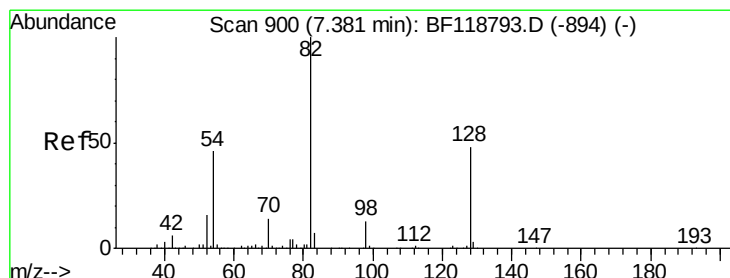
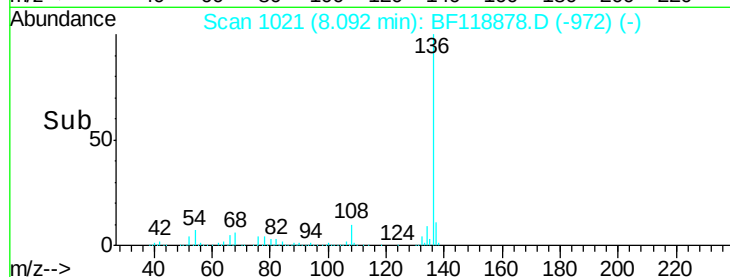
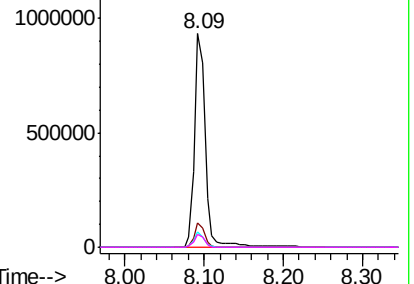


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.993 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

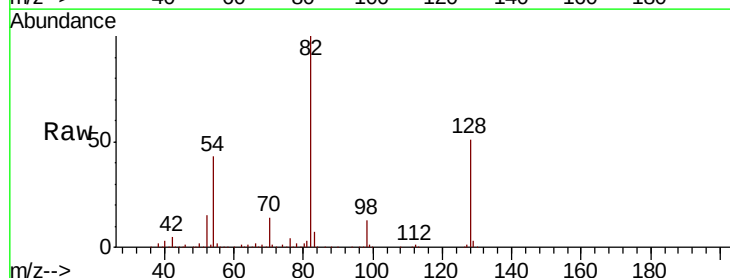
Tgt Ion: 82 Resp: 1029298

Ion Ratio Lower Upper

82 100

128 50.8 38.5 57.7

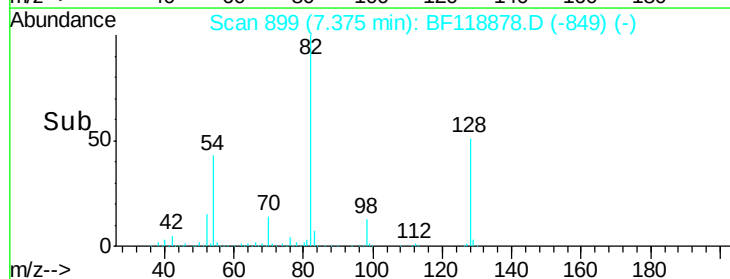
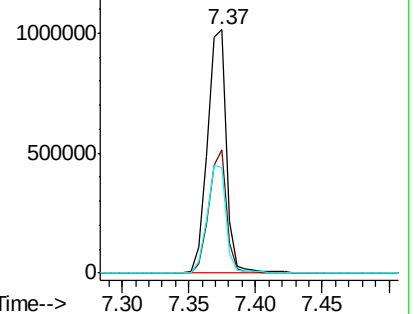
54 43.2 36.7 55.1

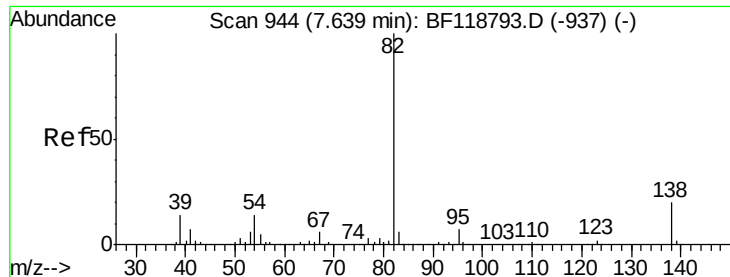


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.832 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-2

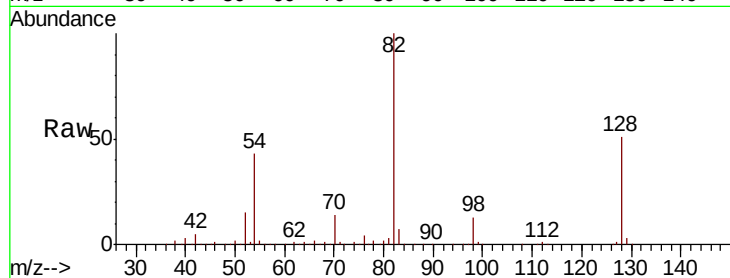
Tot Ion: 82 Resp: 1029290

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

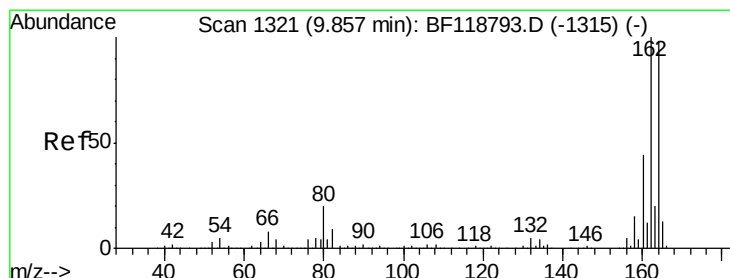
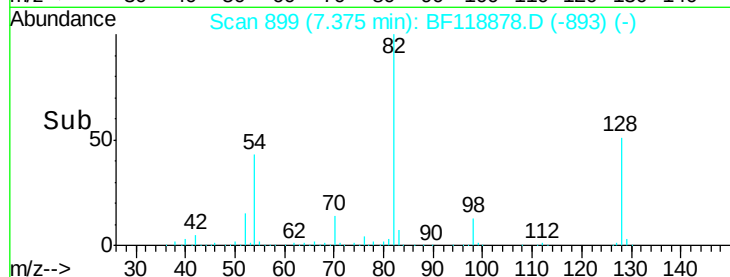
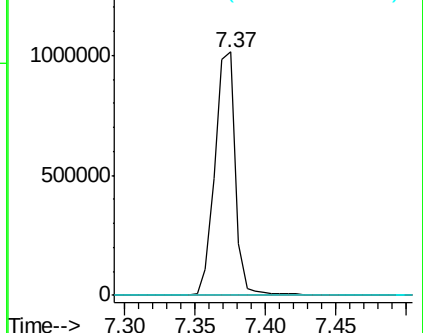
138 0.0 15.7 23.5#



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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

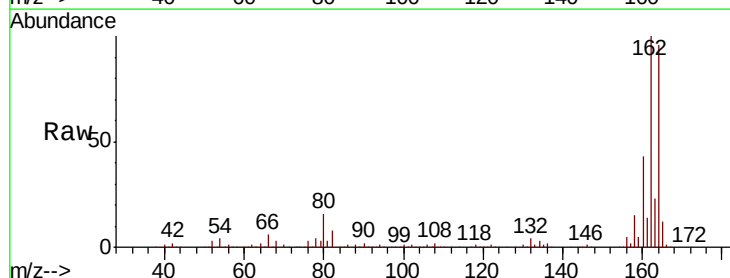
Tgt Ion:164 Resp: 418471

Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.2

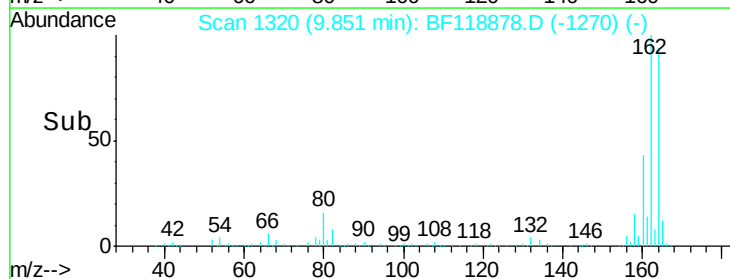
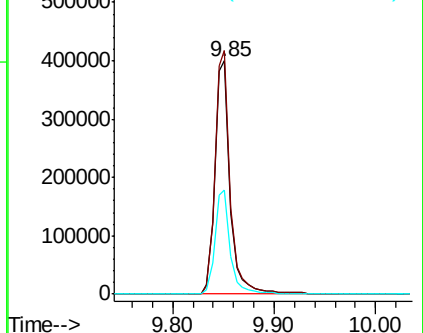
160 44.6 35.6 53.4

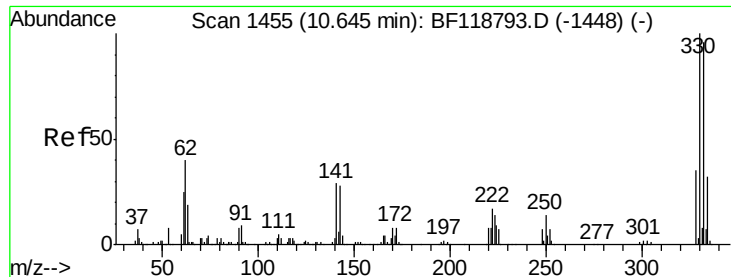


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

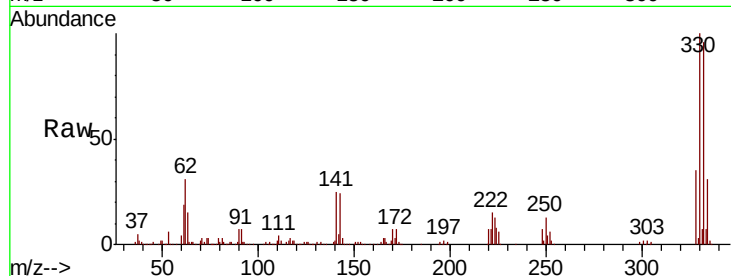




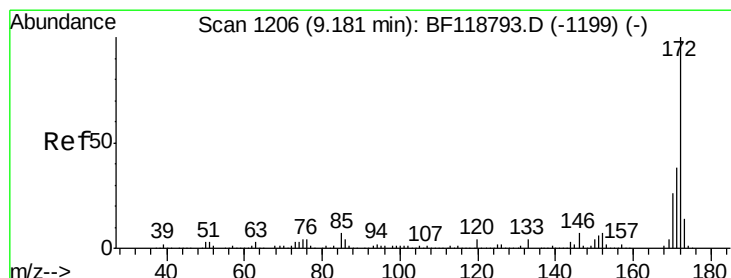
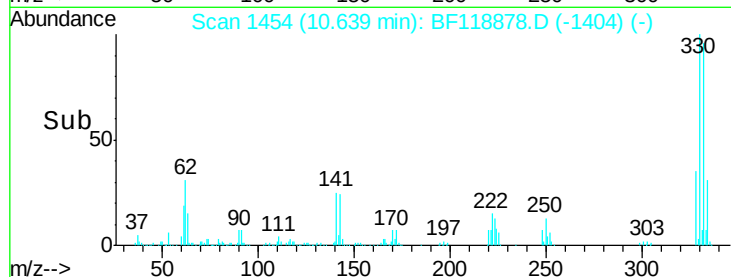
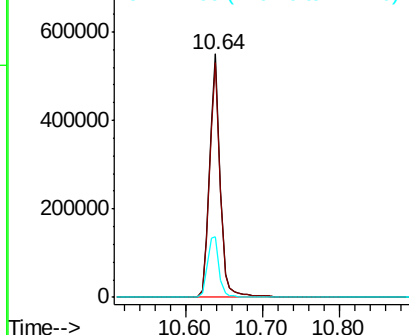
#42
 2,4,6-Tribromophenol
 Concen: 104.445 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.3	115.9
141	27.8	22.4	33.6

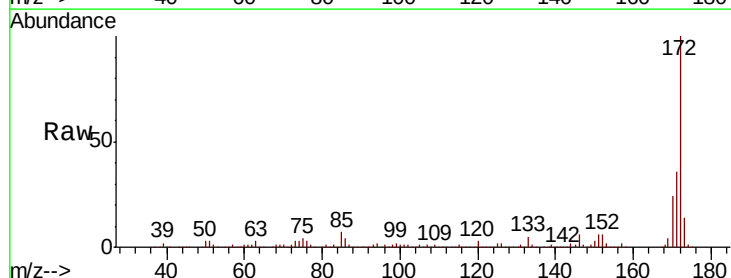


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

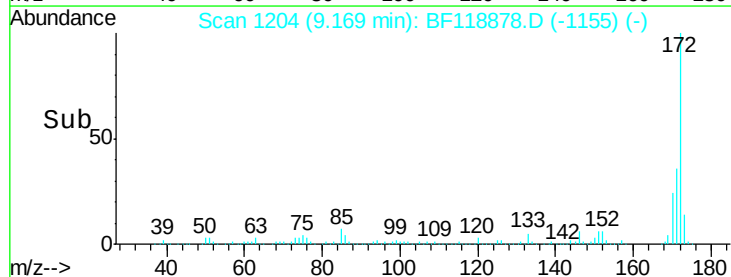
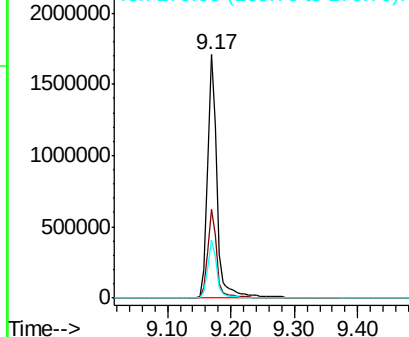


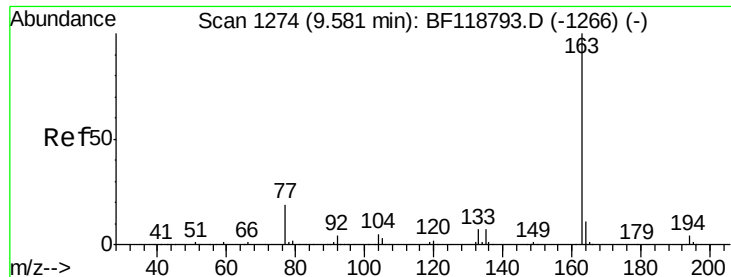
#45
 2-Fluorobiphenyl
 Concen: 75.293 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.8	46.2
170	24.1	20.5	30.7



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

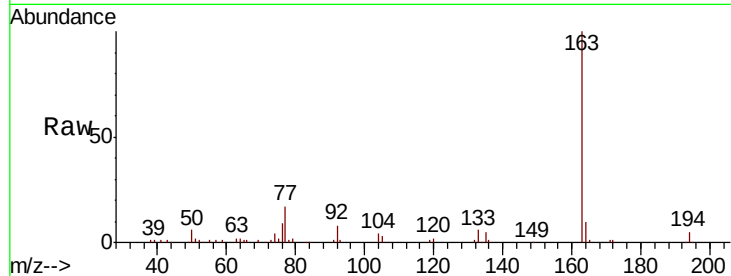




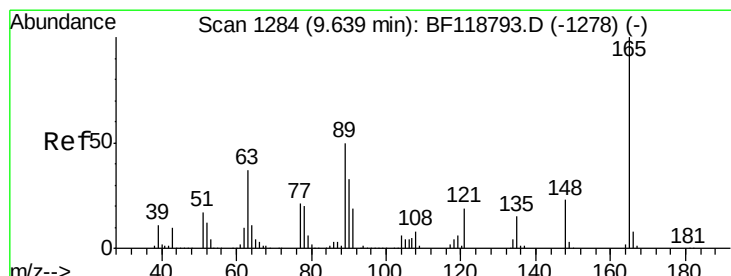
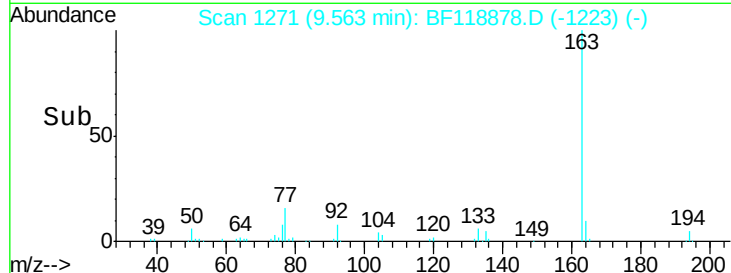
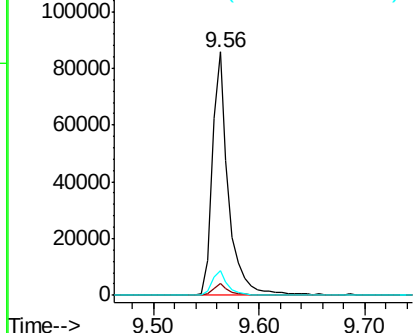
#50
Dimethylphthalate
Concen: 3.218 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF118878.D
Acq: 10 Feb 2020 19:48

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:163 Resp: 91693
Ion Ratio Lower Upper
163 100
194 4.8 3.6 5.4
164 9.9 8.7 13.1

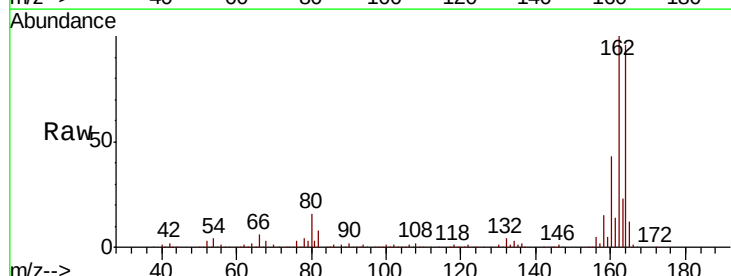


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

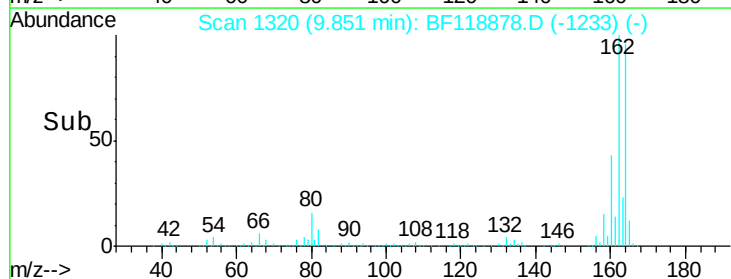
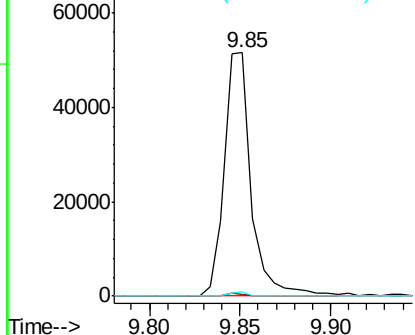


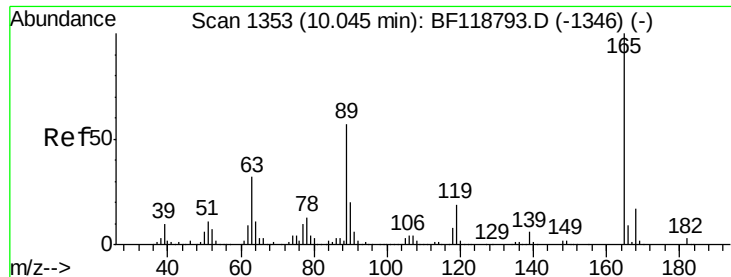
#51
2,6-Dinitrotoluene
Concen: 8.201 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.21 min
Lab File: BF118878.D
Acq: 10 Feb 2020 19:48

Tgt Ion:165 Resp: 53471
Ion Ratio Lower Upper
165 100
63 0.9 37.4 56.0#
89 1.5 39.7 59.5#



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

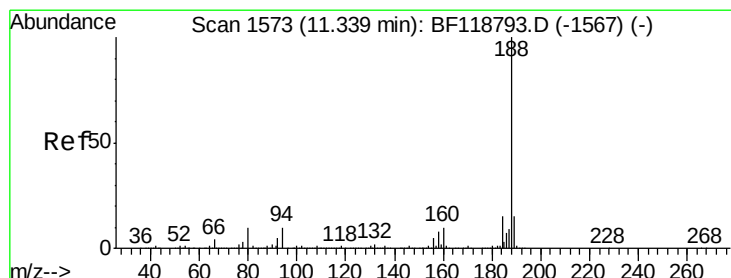
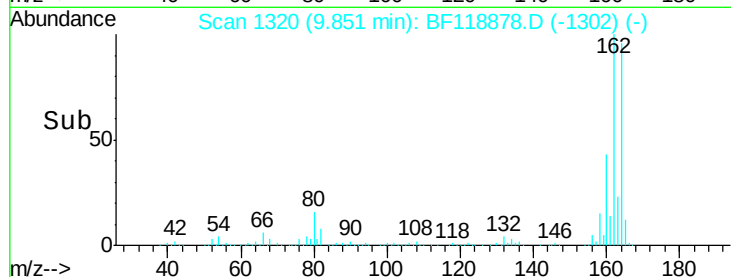
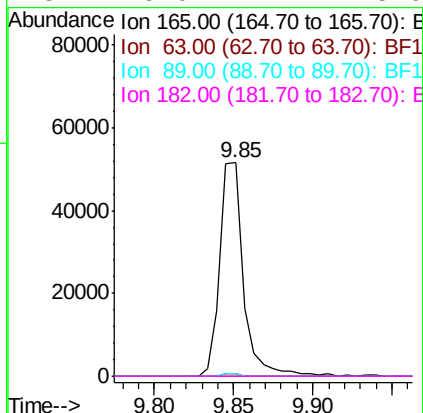
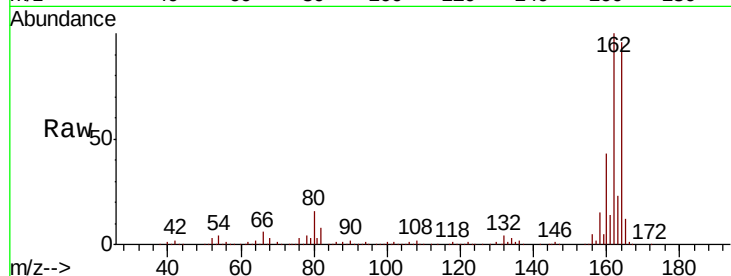




#57
 2,4-Dinitrotoluene
 Concen: 6.217 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.19 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

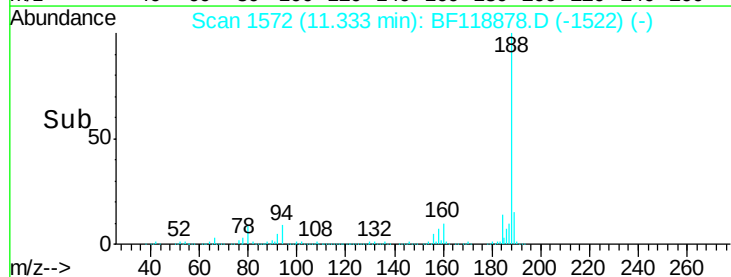
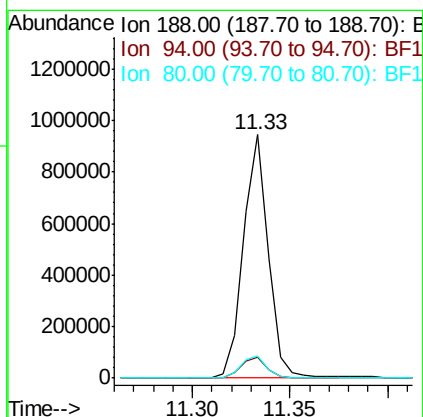
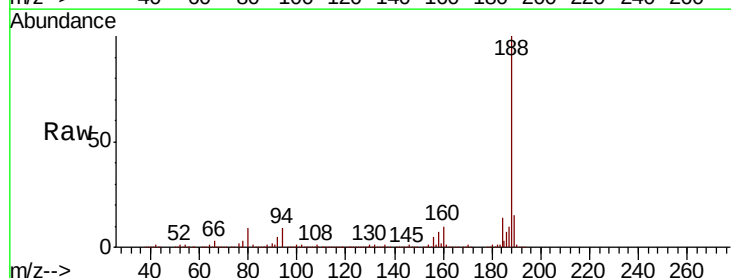
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

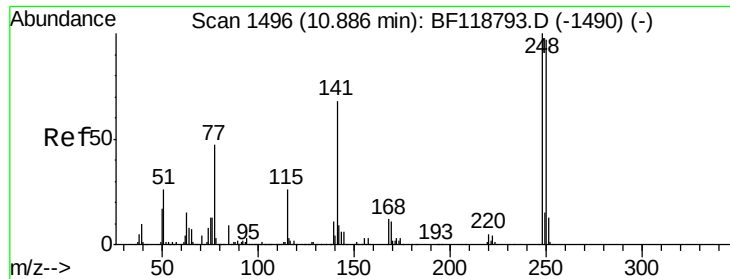
Tot Ion:	165	Resp:	53638
Ion	Ratio	Lower	Upper
165	100		
63	0.9	25.5	38.3#
89	1.5	45.4	68.0#
182	0.0	2.4	3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF118878.D
 Acq: 10 Feb 2020 19:48

Tgt Ion:	188	Resp:	832628
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.9	11.9
80	9.3	8.4	12.6

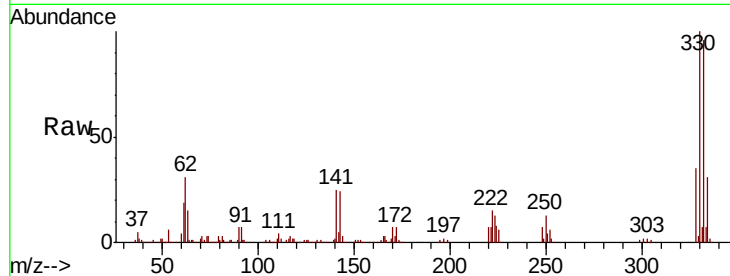




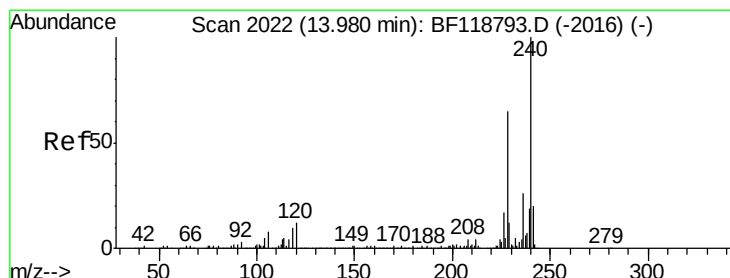
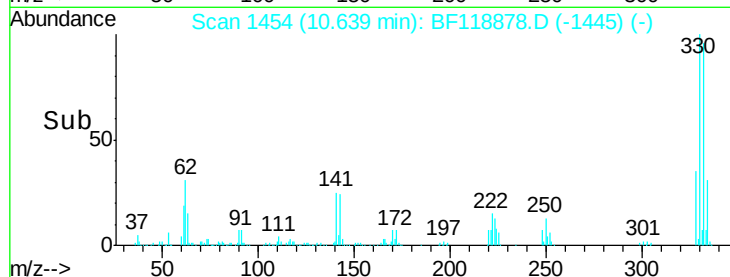
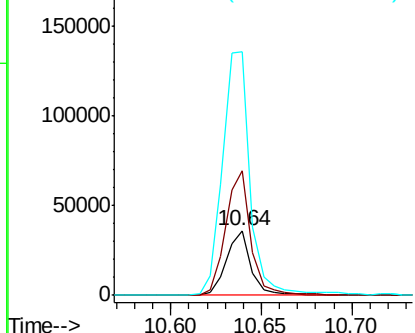
#67
4-Bromophenyl-phenylether
Concen: 3.422 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.25 min
Lab File: BF118878.D
Acq: 10 Feb 2020 19:48

Instrument :
BNA_F
ClientSampleId :
TP-2

Tot Ion:248 Resp: 33705
Ion Ratio Lower Upper
248 100
250 192.0 77.6 116.4#
141 376.7 54.4 81.6#

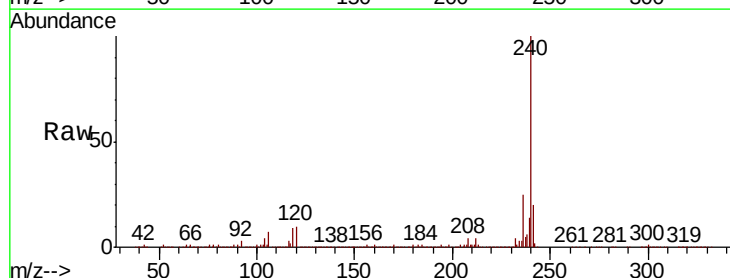


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

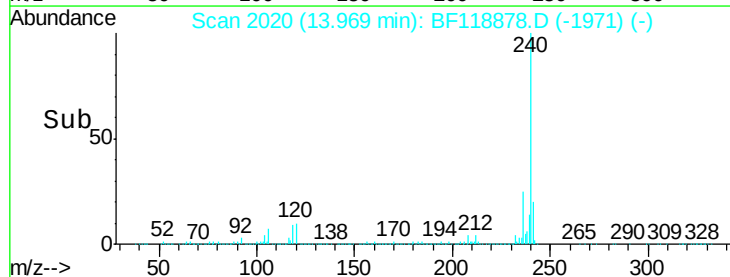
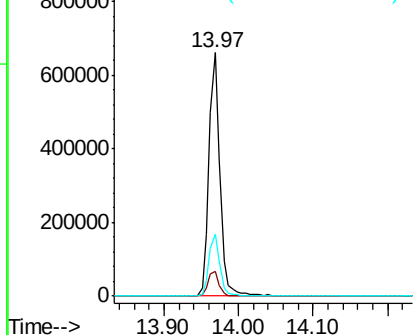


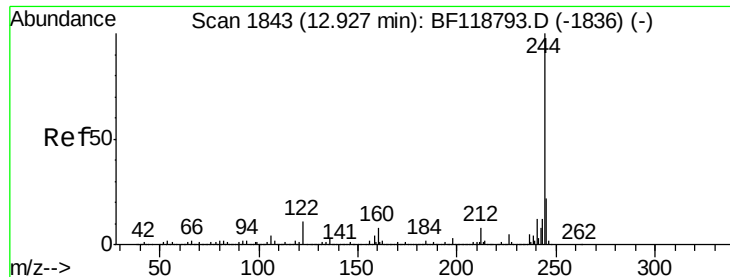
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118878.D
Acq: 10 Feb 2020 19:48

Tgt Ion:240 Resp: 678711
Ion Ratio Lower Upper
240 100
120 10.0 9.4 14.0
236 25.2 21.0 31.6



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: 68.456 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

Instrument :

BNA_F

ClientSampleId :

TP-2

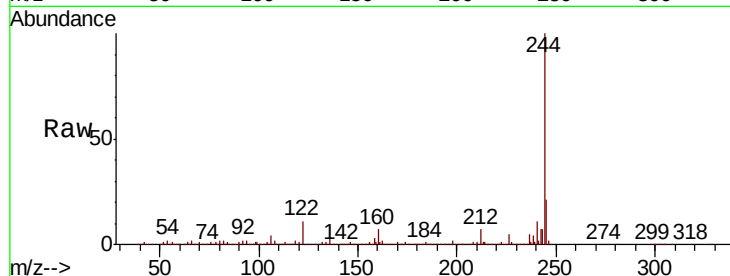
Tot Ion:244 Resp: 2261981

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

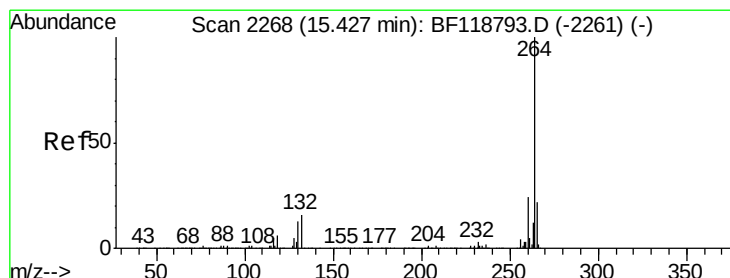
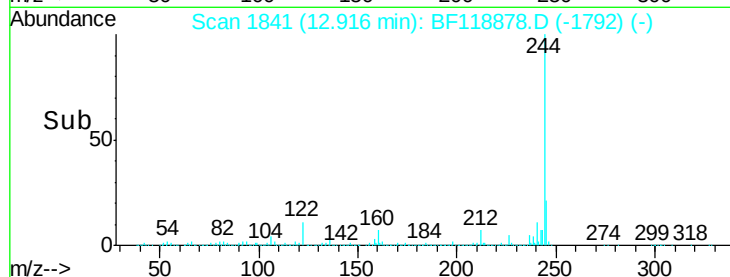
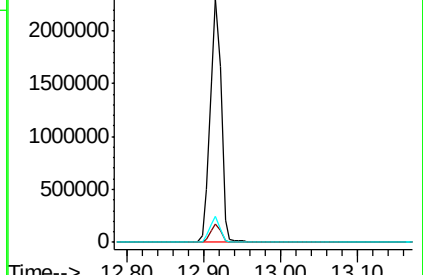
122 10.5 8.9 13.3



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: 15.42 min Scan# 2266

Delta R.T. -0.01 min

Lab File: BF118878.D

Acq: 10 Feb 2020 19:48

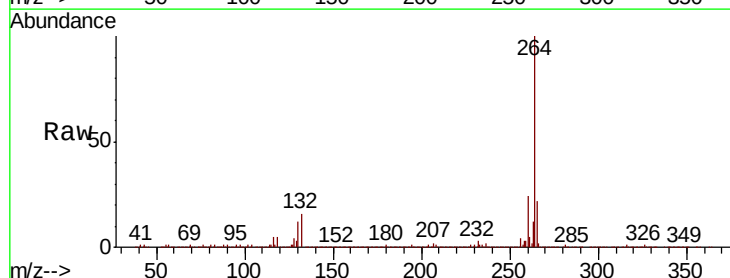
Tgt Ion:264 Resp: 851616

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.8 17.2 25.8



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

