

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042320\
 Data File : BF120173.D
 Acq On : 23 Apr 2020 19:39
 Operator : MA/SJ
 Sample : L2330-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-SO-2020-04-16

Quant Time: Apr 24 01:23:58 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 23 13:31:01 2020
 Response via : Initial Calibration

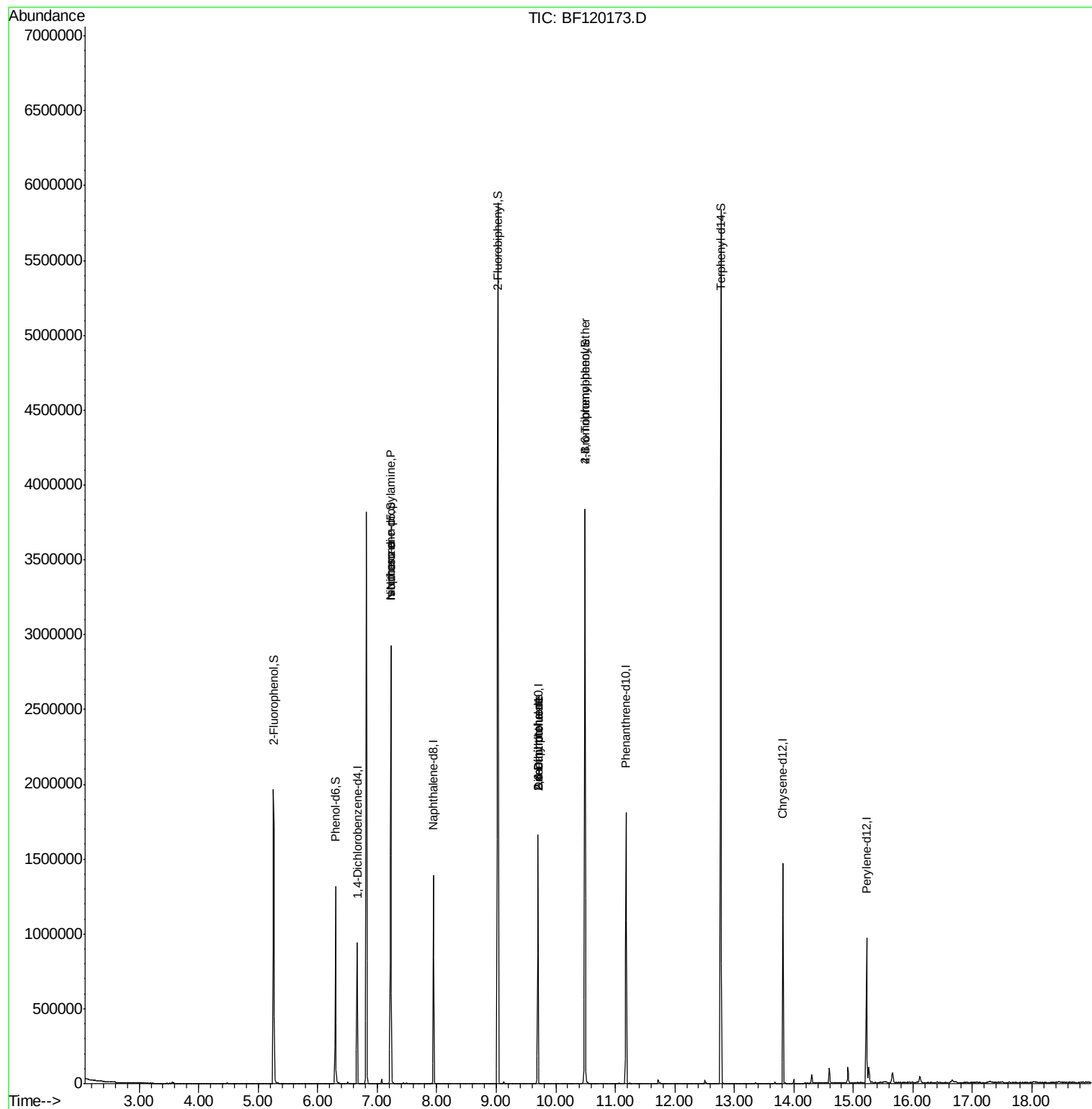
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	146881	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	558756	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	307255	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	619542	20.00	ng	0.00
76) Chrysene-d12	13.82	240	492552	20.00	ng	-0.01
87) Perylene-d12	15.22	264	424086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	519043	61.07	ng	0.00
7) Phenol-d6	6.30	99	395734	36.13	ng	-0.01
23) Nitrobenzene-d5	7.23	82	980052	90.74	ng	0.00
42) 2,4,6-Tribromophenol	10.49	330	466087	123.90	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1896238	87.62	ng	0.00
79) Terphenyl-d14	12.78	244	2422291	82.75	ng	0.00
Target Compounds						
9) Benzaldehyde	6.29	77	433	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	130145	18.480 ng	#	1
25) Isophorone	7.23	82	975867	46.871 ng	#	73
50) Dimethylphthalate	9.70	163	67675	2.848 ng	#	65
51) 2,6-Dinitrotoluene	9.70	165	38383	7.375 ng	#	1
57) 2,4-Dinitrotoluene	9.70	165	38383	5.598 ng	#	26
67) 4-Bromophenyl-phenylether	10.49	248	29234	3.794 ng	#	20
					#	1

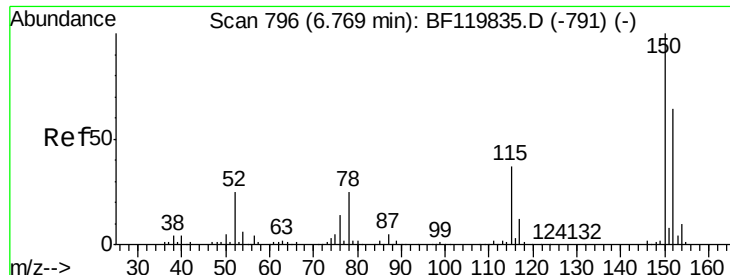
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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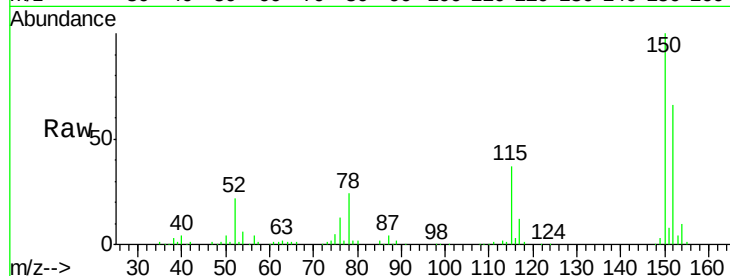


#1

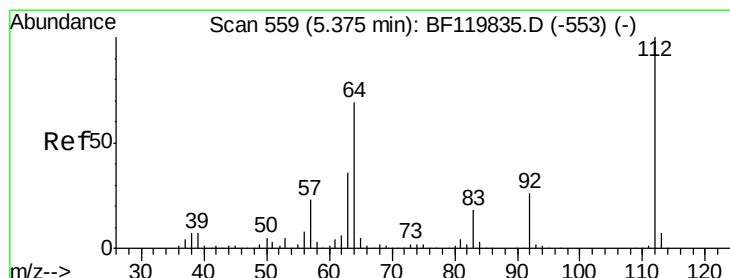
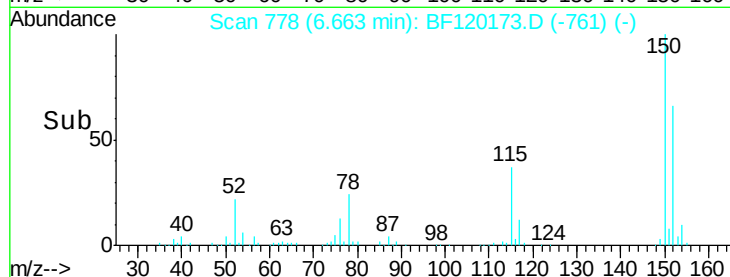
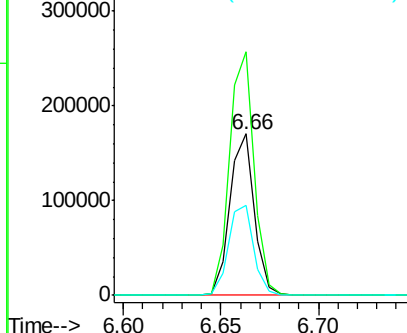
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Instrument :
BNA_F
ClientSampleId :
FB-SO-2020-04-16

Tot Ion:152 Resp: 146881
Ion Ratio Lower Upper
152 100
150 151.1 124.5 186.7
115 56.1 49.6 74.4



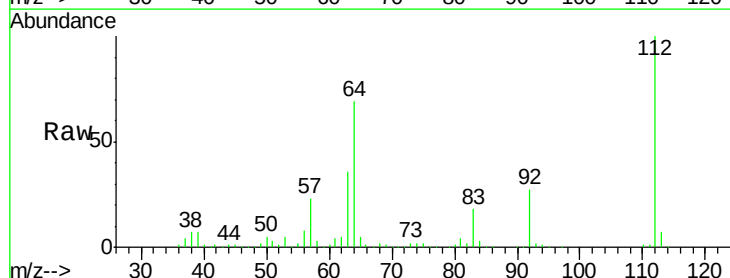
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



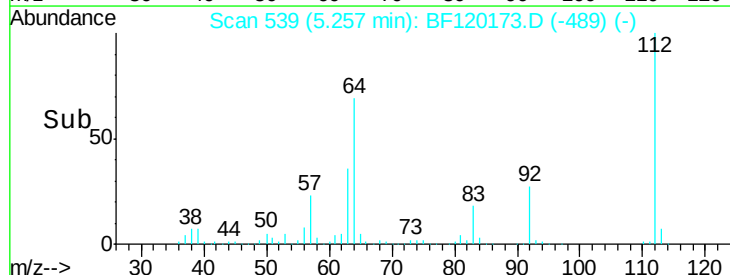
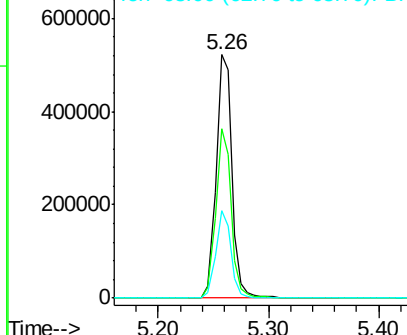
#5

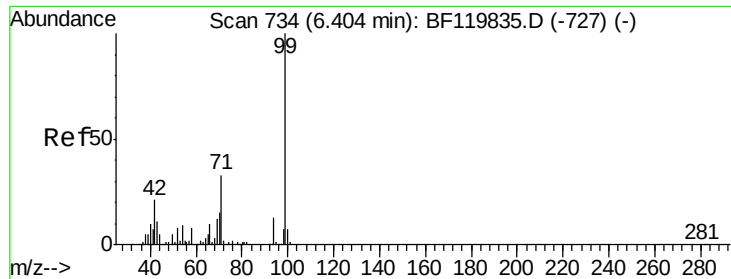
2-Fluorophenol
Concen: 61.070 ng
RT: 5.26 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Tgt Ion:112 Resp: 519043
Ion Ratio Lower Upper
112 100
64 69.3 56.7 85.1
63 36.0 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: 36.135 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

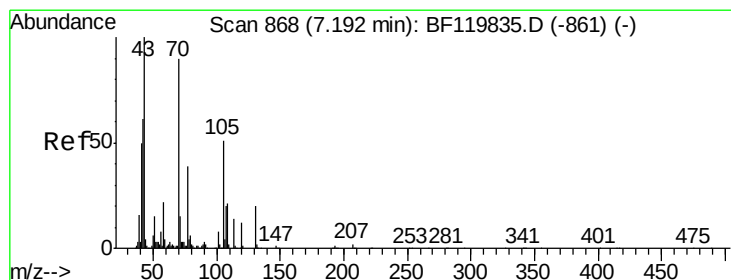
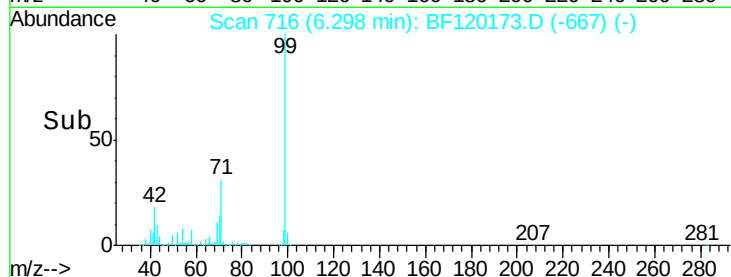
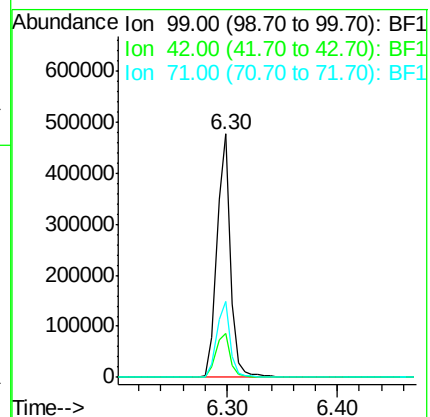
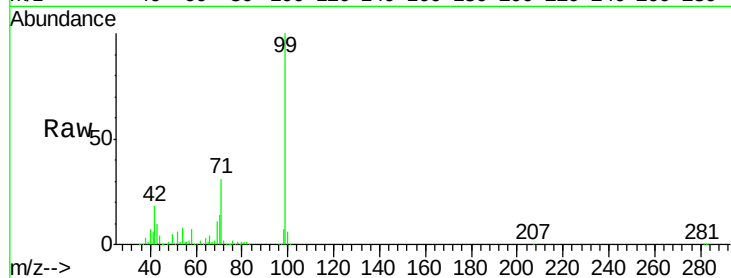
Tot Ion: 99 Resp: 395734

Ion Ratio Lower Upper

99 100

42 18.2 16.6 24.8

71 31.4 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 18.480 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.14 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Tgt Ion: 70 Resp: 130145

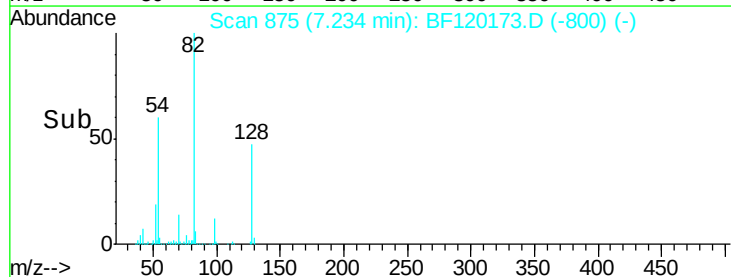
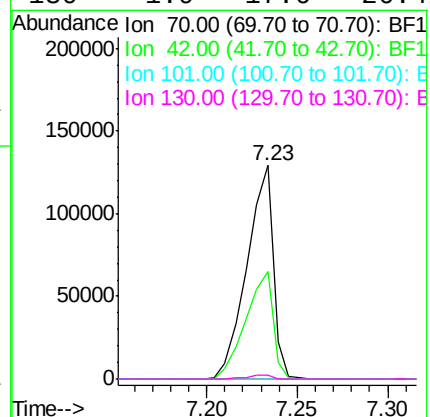
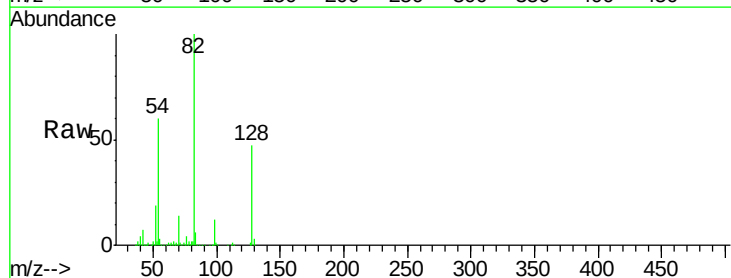
Ion Ratio Lower Upper

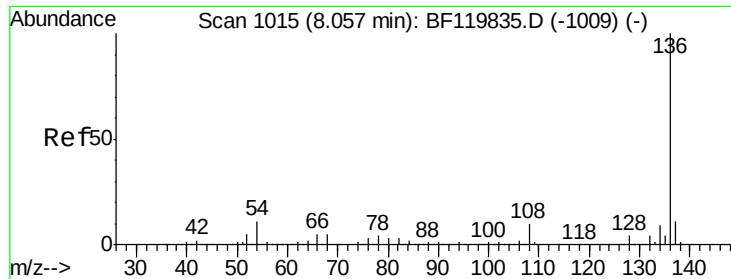
70 100

42 50.4 54.5 81.7#

101 0.0 7.6 11.4#

130 1.9 17.6 26.4#

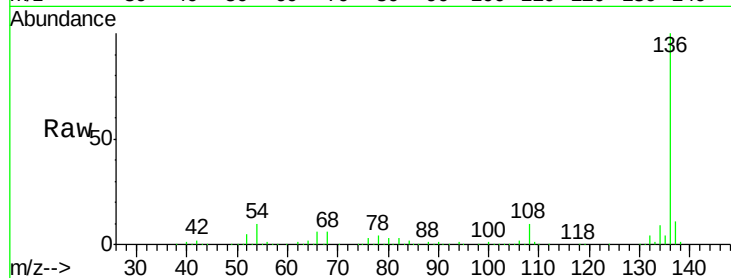




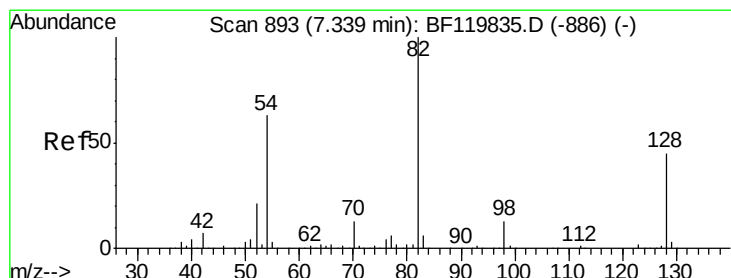
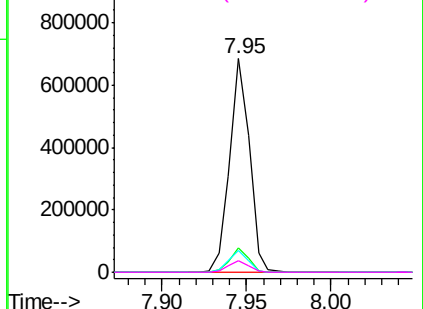
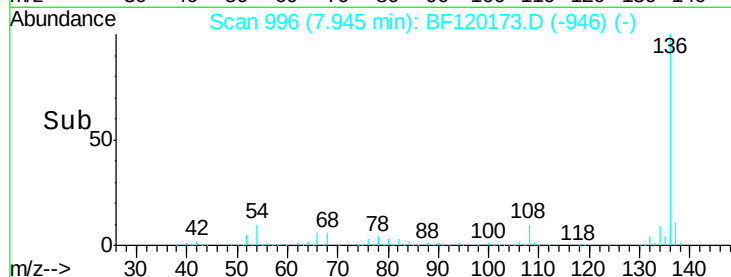
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Instrument :
BNA_F
ClientSampleId :
FB-SO-2020-04-16

Tot Ion:136	Resp:	558756
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.2	9.1 13.7
68	5.6	4.6 6.8

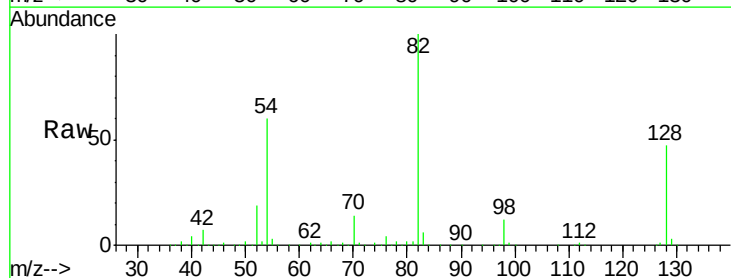


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

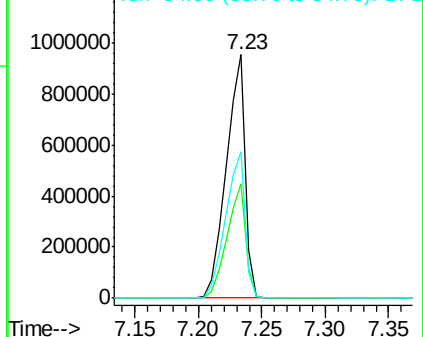
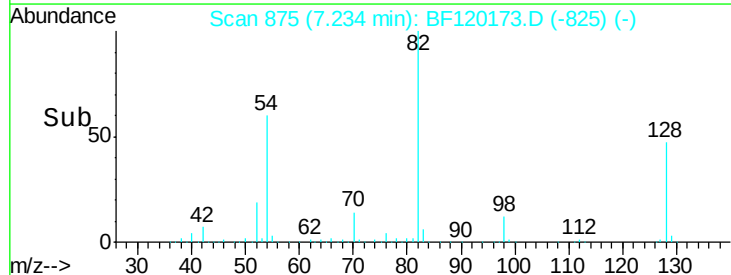


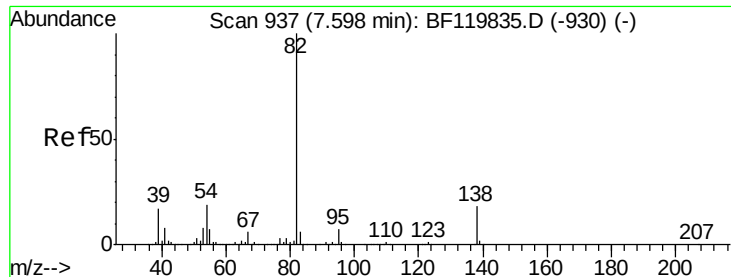
#23
Nitrobenzene-d5
Concen: 90.740 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF120173.D
Acq: 23 Apr 2020 19:39

Tgt Ion: 82	Resp:	980052
Ion Ratio	Lower	Upper
82	100	
128	47.0	36.3 54.5
54	60.0	50.6 75.8



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: 46.871 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.26 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

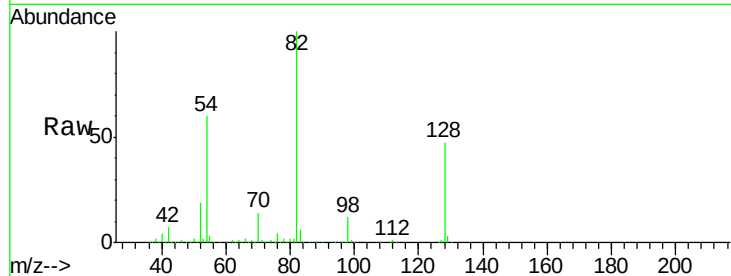
Tot Ion: 82 Resp: 975867

Ion Ratio Lower Upper

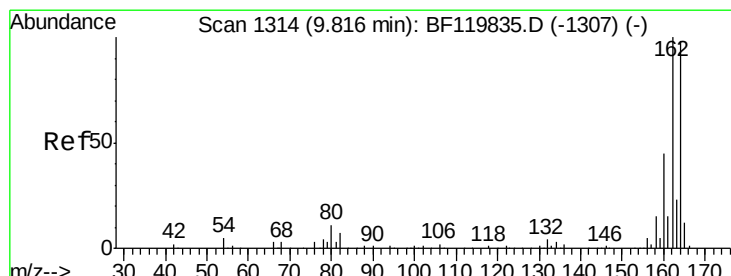
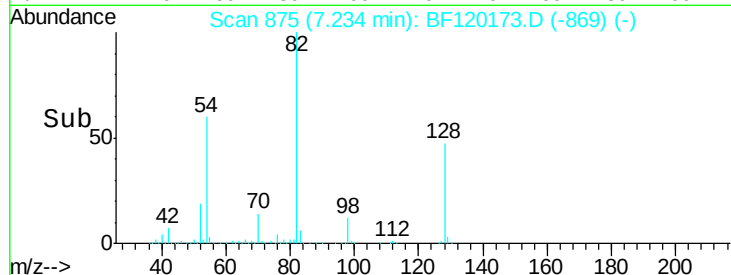
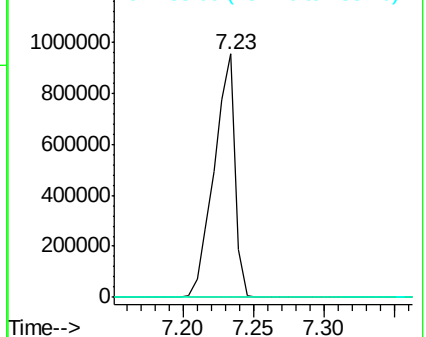
82 100

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: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

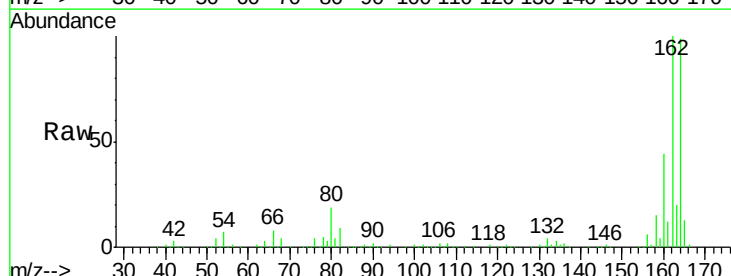
Tgt Ion: 164 Resp: 307255

Ion Ratio Lower Upper

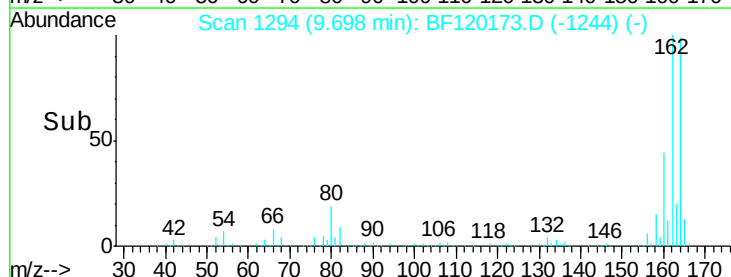
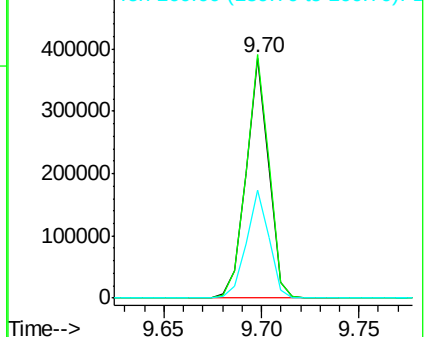
164 100

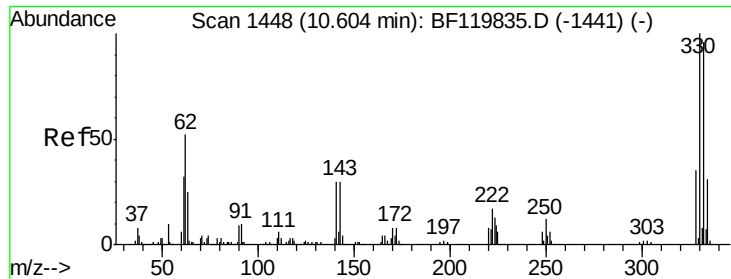
162 101.5 80.6 121.0

160 44.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

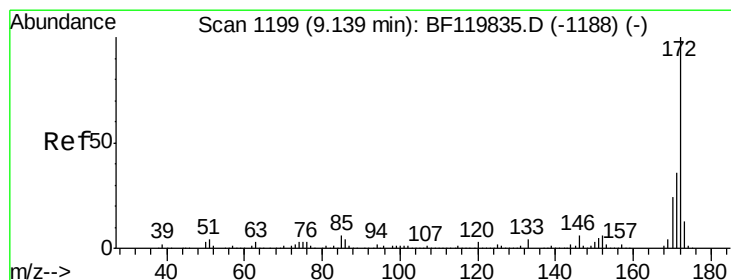
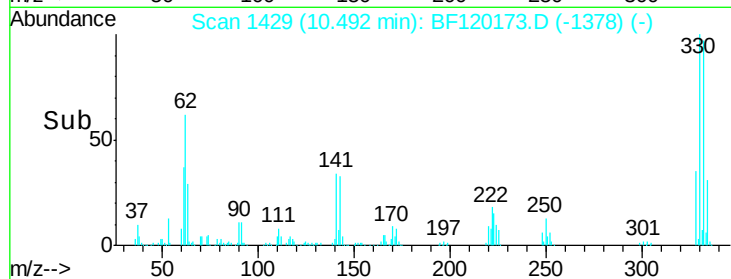
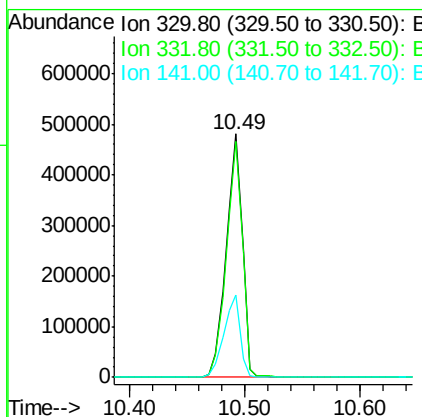
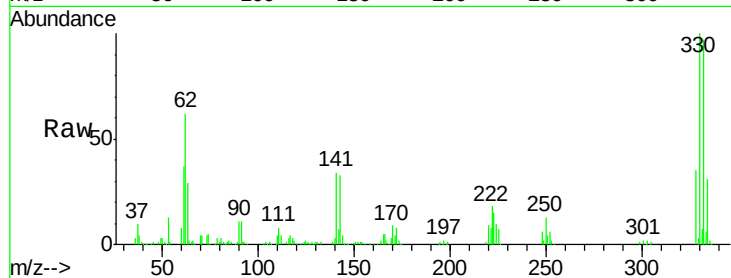




#42
 2,4,6-Tribromophenol
 Concen: 123.899 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

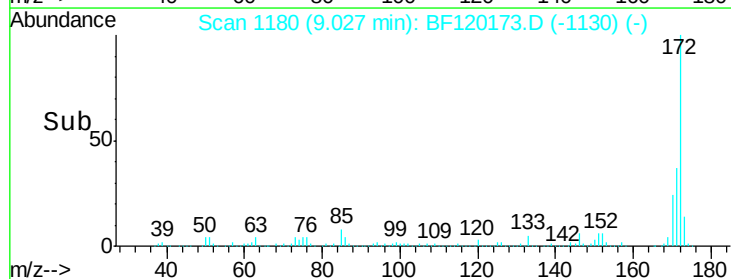
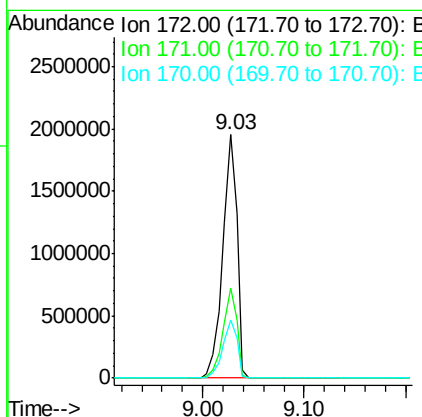
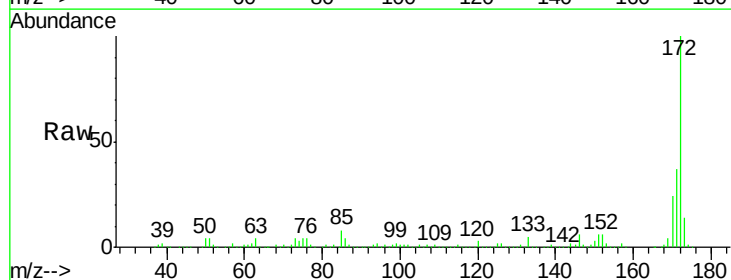
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 ClientSampleId :
 FB-SO-2020-04-16

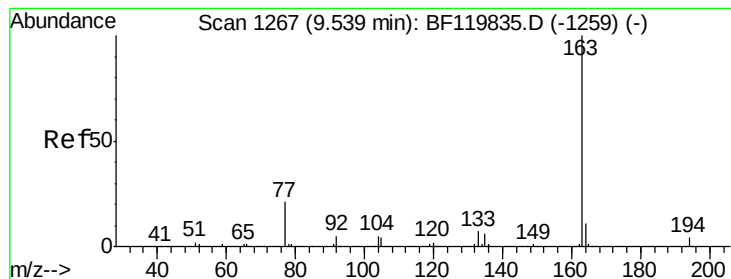
Tot Ion:330 Resp: 466087
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.7 113.5
 141 33.8 25.4 38.0



#45
 2-Fluorobiphenyl
 Concen: 87.623 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Tgt Ion:172 Resp: 1896238
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.9 20.2 30.2





#50

Dimethylphthalate

Concen: 2.848 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.26 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

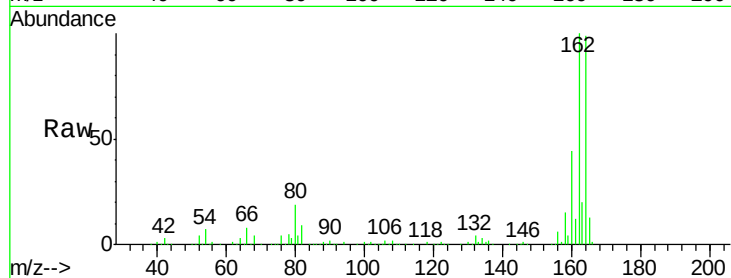
Tot Ion:163 Resp: 67675

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

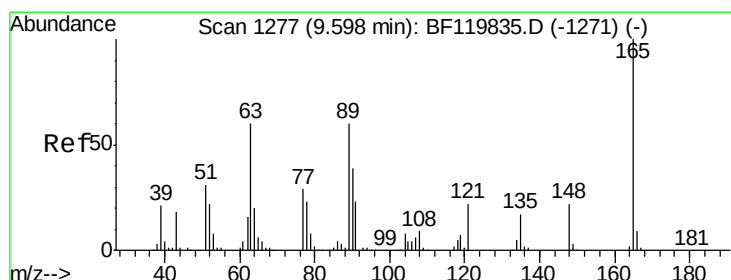
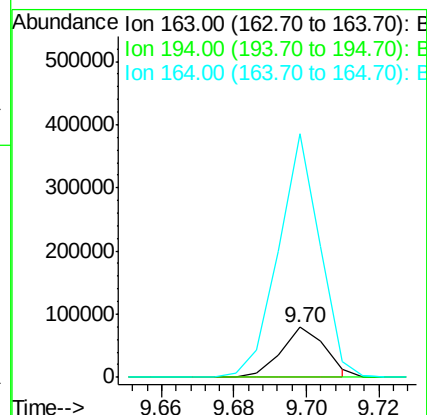
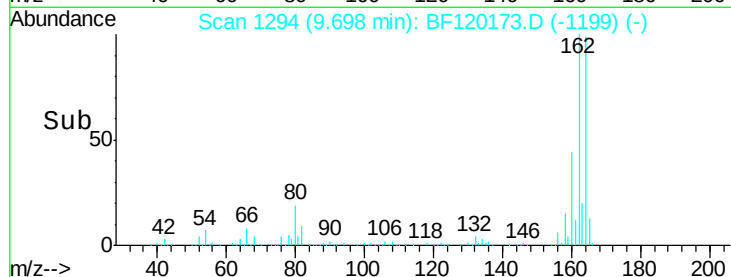
164 487.2 8.2 12.2#



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: 7.375 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.20 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

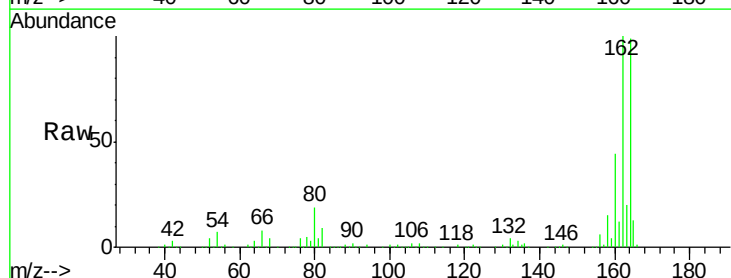
Tgt Ion:165 Resp: 38383

Ion Ratio Lower Upper

165 100

63 1.1 45.0 67.4#

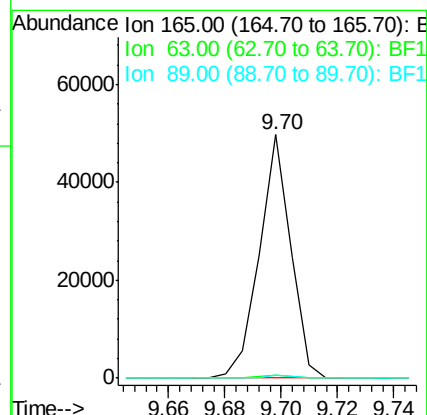
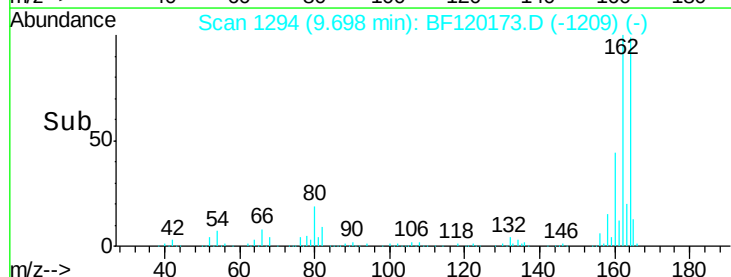
89 1.1 41.5 62.3#

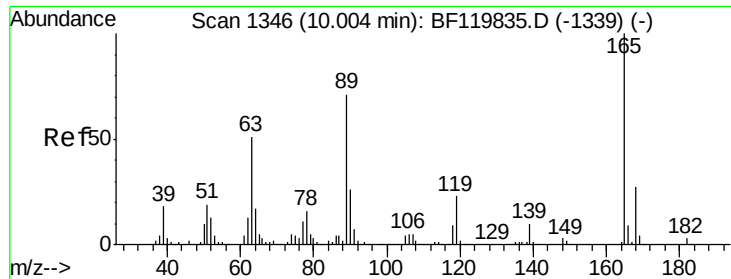


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

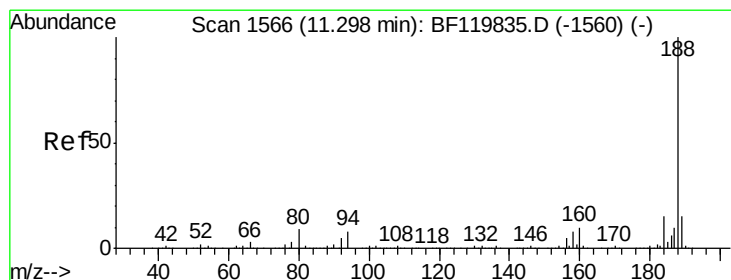
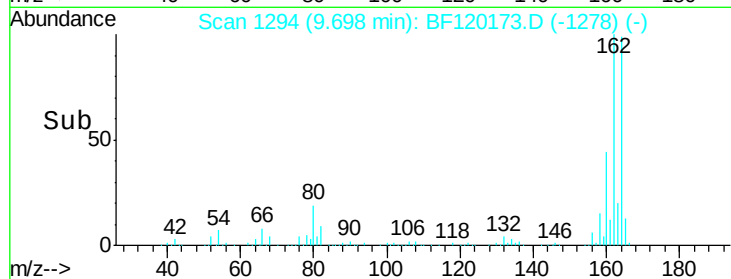
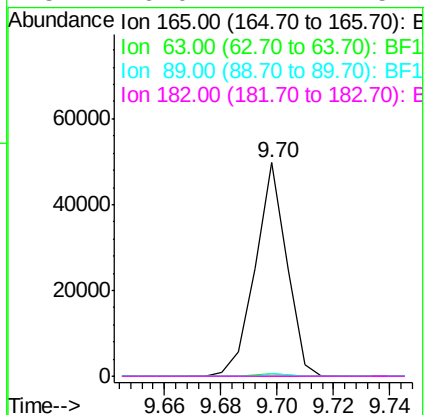
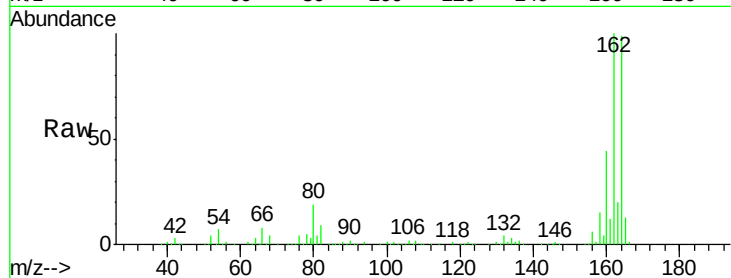




#57
 2,4-Dinitrotoluene
 Concen: 5.598 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.21 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

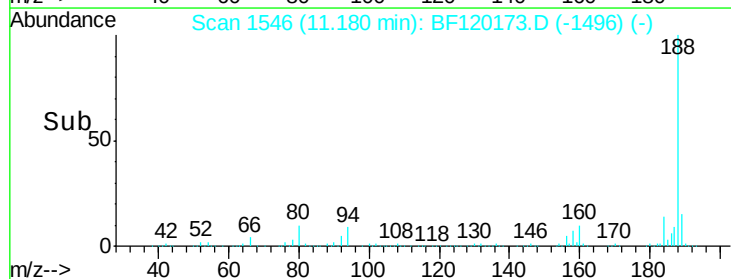
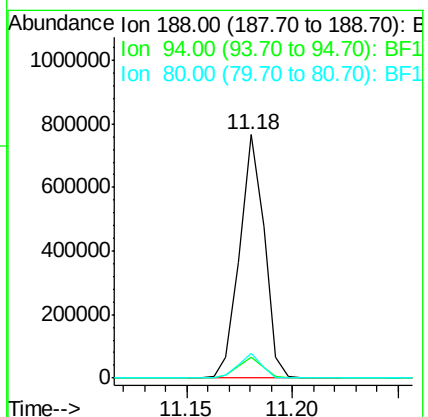
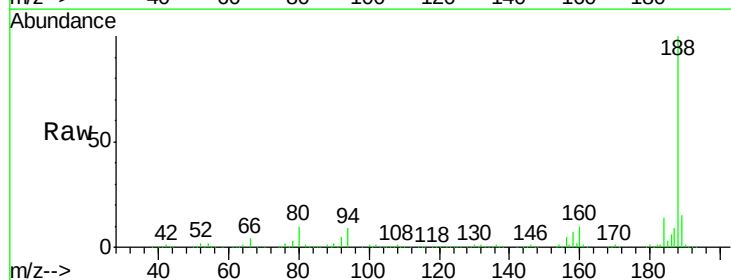
Instrument :
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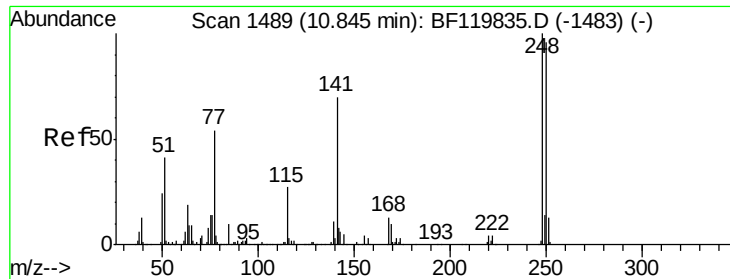
Tot Ion:165	Resp:	38383
Ion Ratio	Lower	Upper
165	100	
63	1.1	42.6 64.0#
89	1.1	61.0 91.4#
182	0.0	2.2 3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Tgt Ion:188	Resp:	619542
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.5 11.3
80	9.9	9.0 13.4

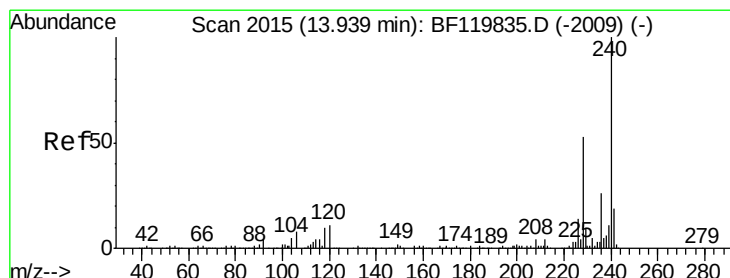
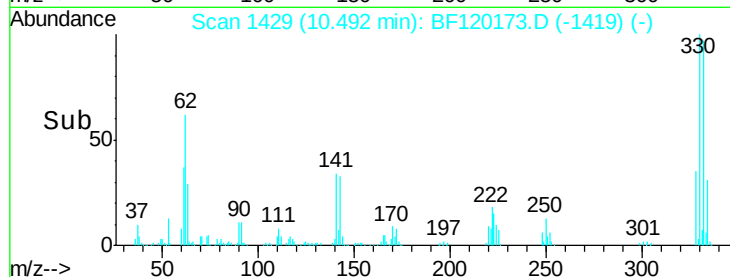
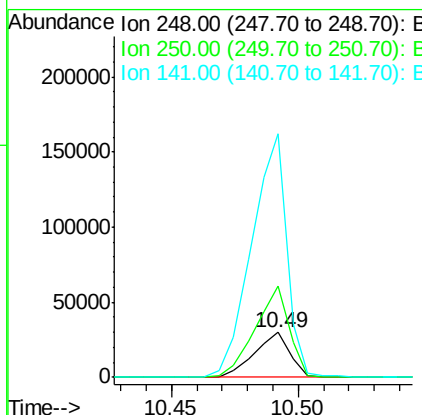
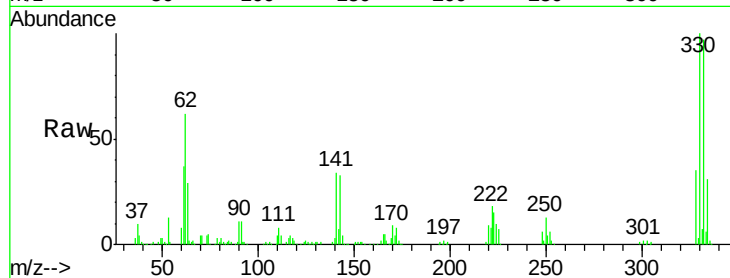




#67
 4-Bromophenyl-phenylether
 Concen: 3.794 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.24 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

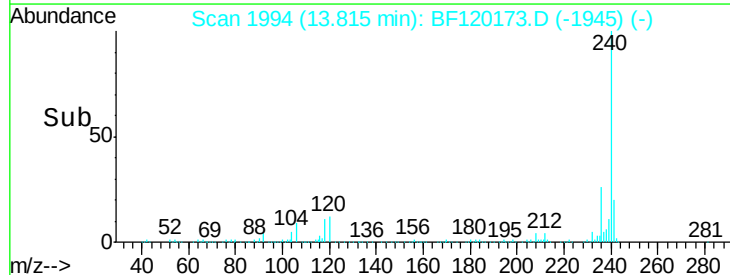
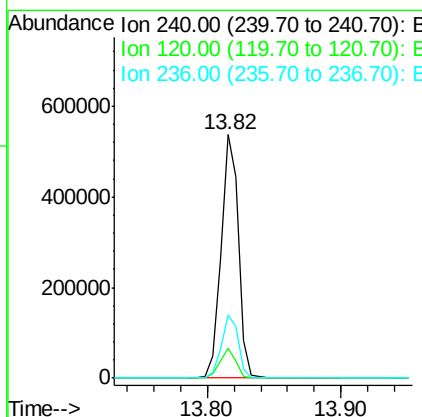
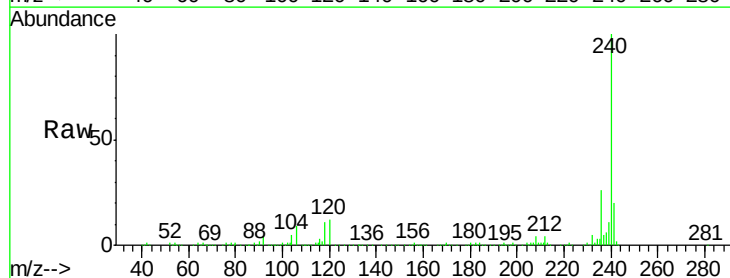
Instrument :
 BNA_F
 ClientSampleId :
 FB-SO-2020-04-16

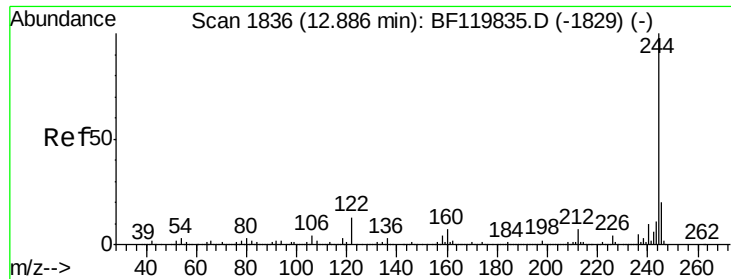
Tot Ion:248 Resp: 29234
 Ion Ratio Lower Upper
 248 100
 250 200.9 77.3 115.9#
 141 538.9 58.6 87.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.82 min Scan# 1994
 Delta R.T. -0.01 min
 Lab File: BF120173.D
 Acq: 23 Apr 2020 19:39

Tgt Ion:240 Resp: 492552
 Ion Ratio Lower Upper
 240 100
 120 12.1 10.6 15.8
 236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 82.750 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

Instrument :

BNA_F

ClientSampleId :

FB-SO-2020-04-16

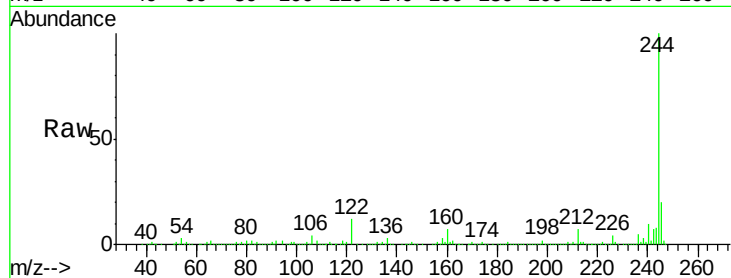
Tot Ion:244 Resp: 2422291

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

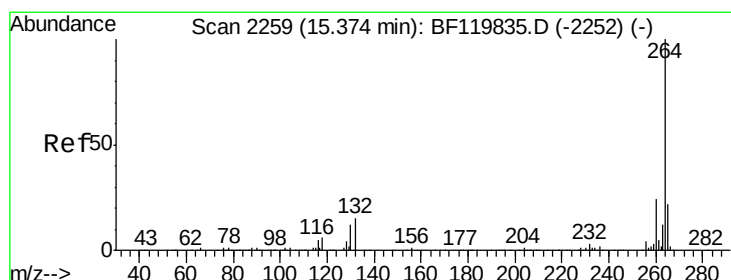
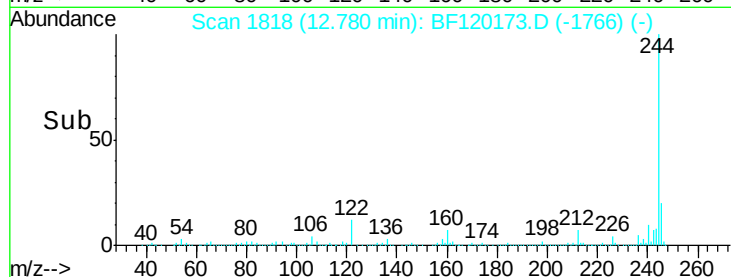
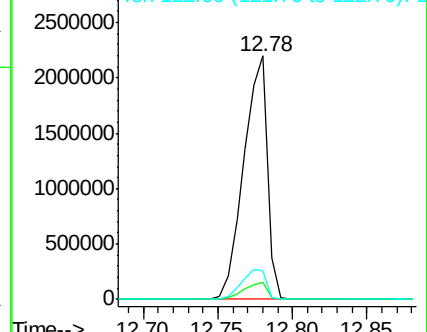
122 11.8 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.22 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF120173.D

Acq: 23 Apr 2020 19:39

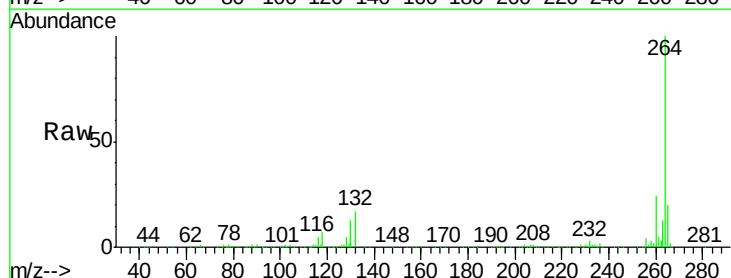
Tgt Ion:264 Resp: 424086

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 20.4 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

