

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF042220\
 Data File : BF120136.D
 Acq On : 22 Apr 2020 17:32
 Operator : MA/SJ
 Sample : L2356-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TP-13-12-COMP

Quant Time: Apr 22 18:13:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 11:49:00 2020
 Response via : Initial Calibration

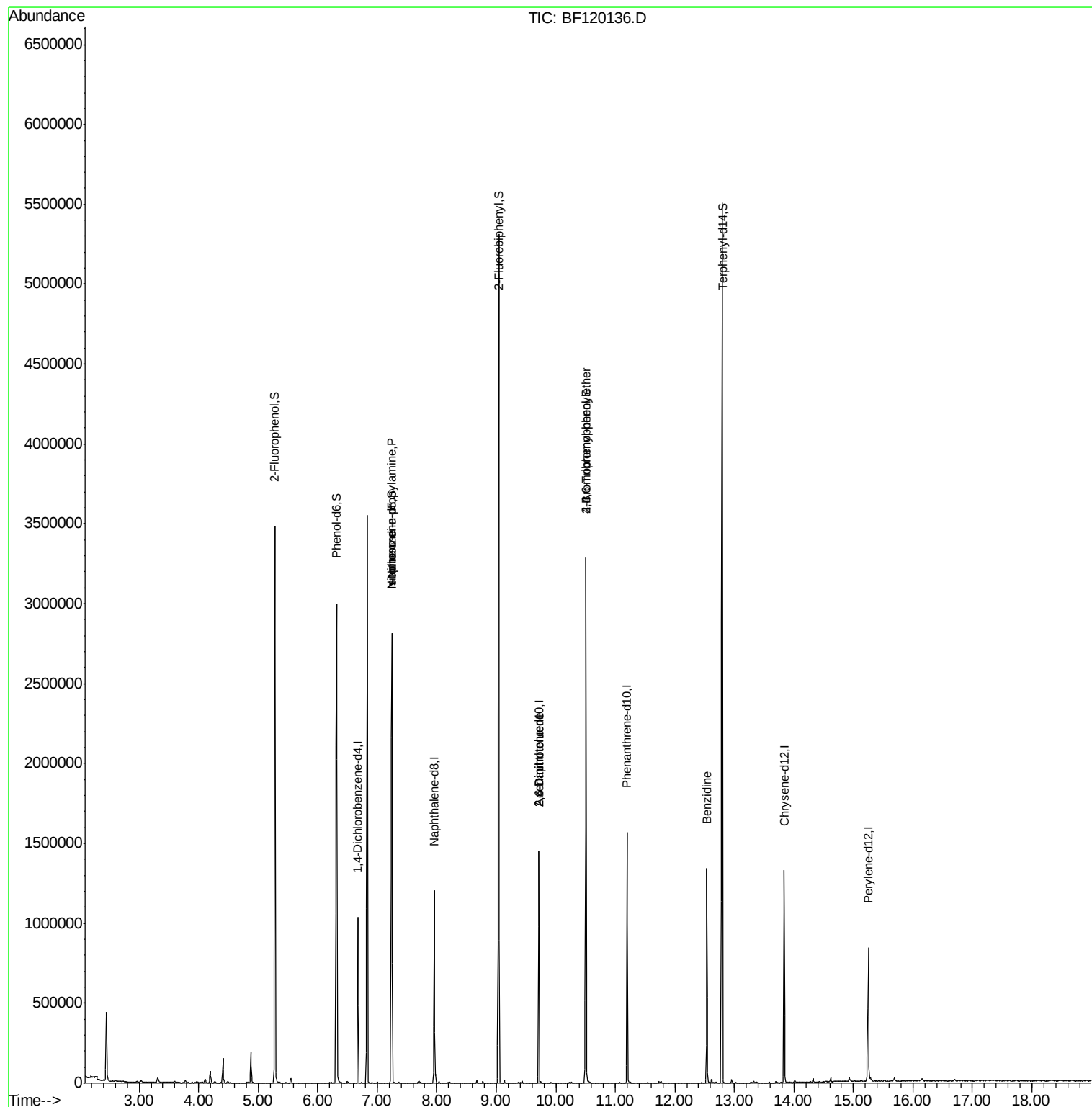
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	138681	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	532910	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	271834	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	525476	20.00	ng	0.00
76) Chrysene-d12	13.84	240	426504	20.00	ng	-0.01
87) Perylene-d12	15.25	264	363740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	941322	117.30	ng	0.00
7) Phenol-d6	6.32	99	1075638	104.03	ng	-0.01
23) Nitrobenzene-d5	7.25	82	890502	86.45	ng	0.00
42) 2,4,6-Tribromophenol	10.51	330	406789	122.23	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1708453	89.23	ng	0.00
79) Terphenyl-d14	12.80	244	2092623	82.56	ng	0.00
Target Compounds						
9) Benzaldehyde	6.23	77	617	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.25	70	117362	17.650 ng	#	12
25) Isophorone	7.25	82	889460	44.792 ng	#	75
51) 2,6-Dinitrotoluene	9.72	165	34108	7.408 ng	#	65
57) 2,4-Dinitrotoluene	9.72	165	34108	5.623 ng	#	26
67) 4-Bromophenyl-phenylether	10.51	248	26244	4.016 ng	#	20
77) Benizidine	12.54	184	468676	32.508 ng	#	1
						98

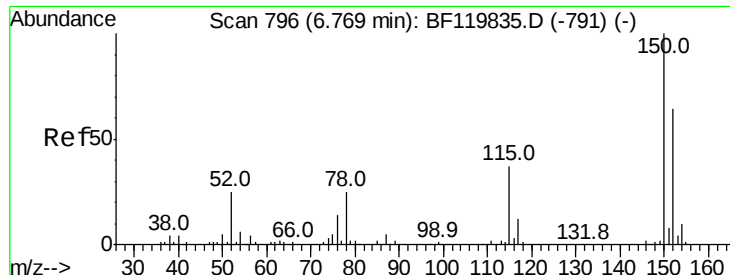
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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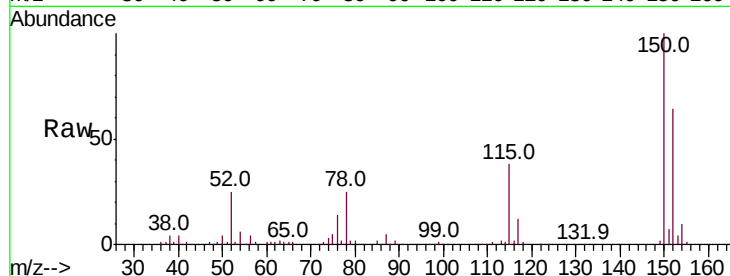


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Instrument :
BNA_N
ClientSampleId :
TP-13-12-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.5	186.7
115	58.2	49.6	74.4

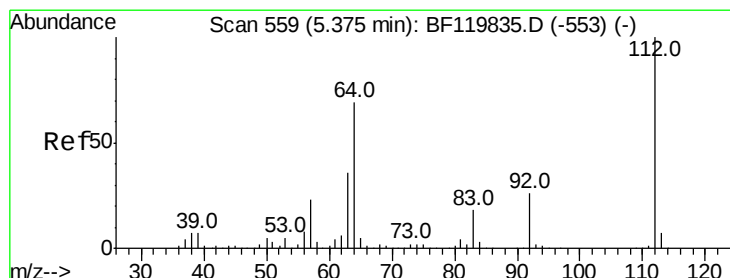
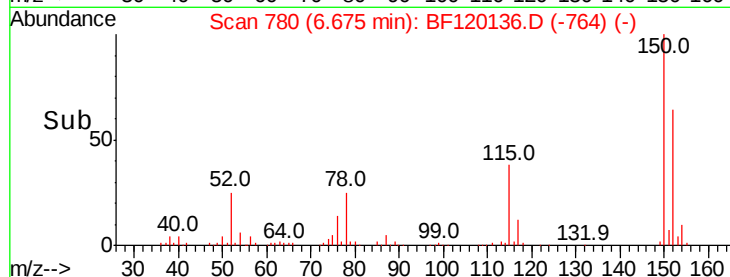
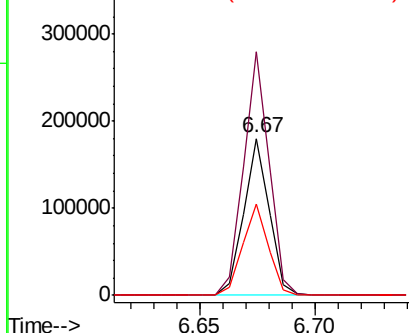


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

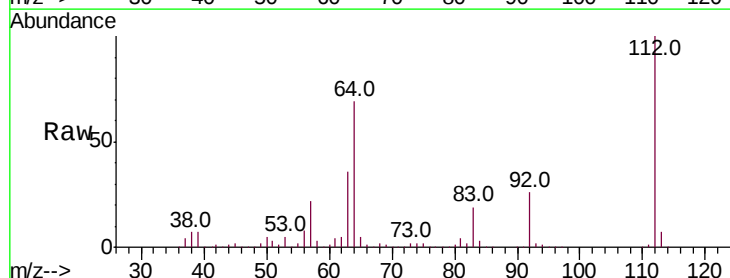
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 117.304 ng
RT: 5.28 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	56.7	85.1
63	35.8	29.5	44.3

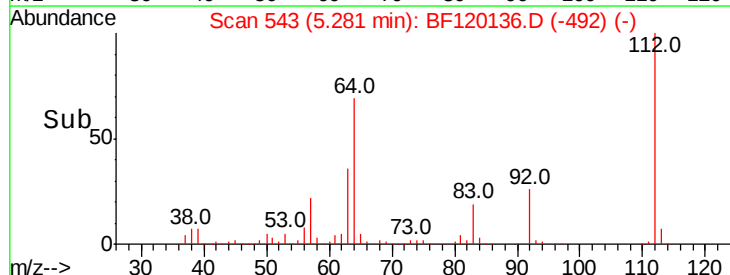
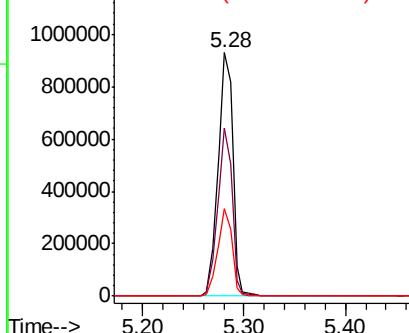


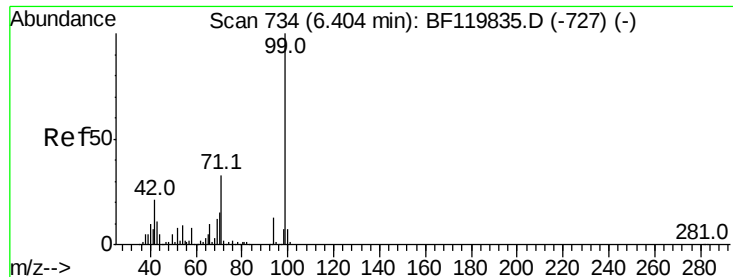
Abundance

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: 104.025 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_N

ClientSampled :

TP-13-12-COMP

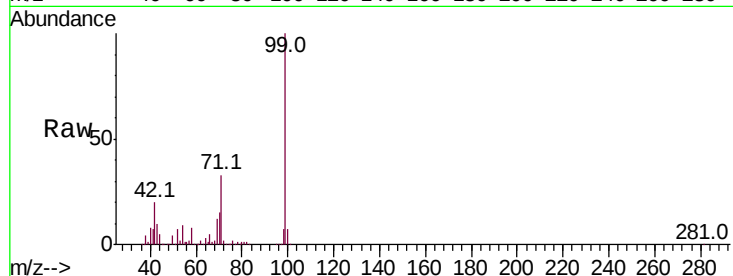
Tot Ion: 99 Resp: 1075638

Ion Ratio Lower Upper

99 100

42 20.3 16.6 24.8

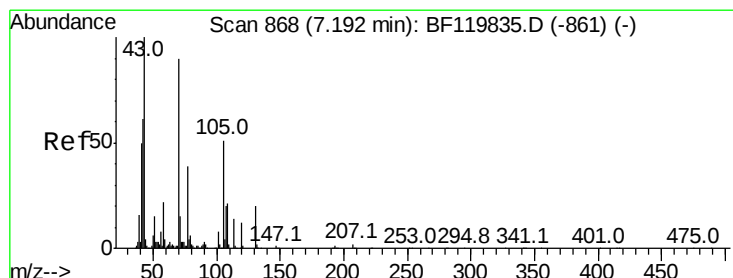
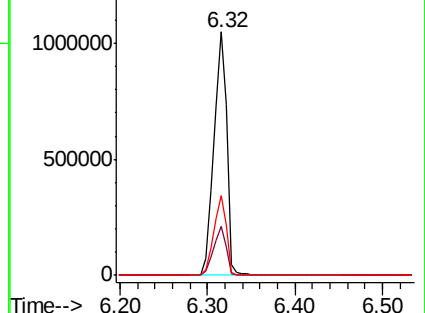
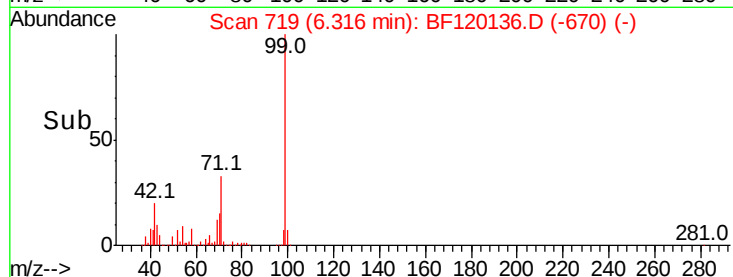
71 32.7 26.4 39.6



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.650 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Tgt Ion: 70 Resp: 117362

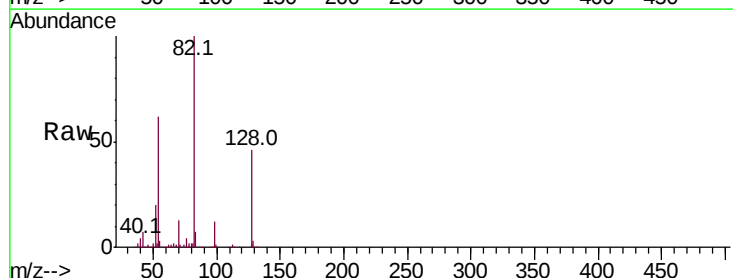
Ion Ratio Lower Upper

70 100

42 52.4 54.5 81.7#

101 0.0 7.6 11.4#

130 2.4 17.6 26.4#

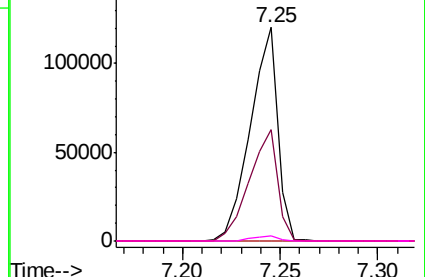
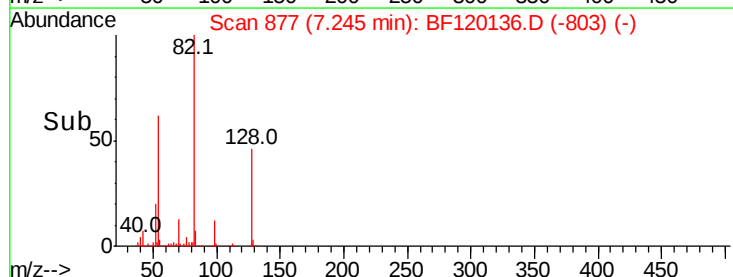


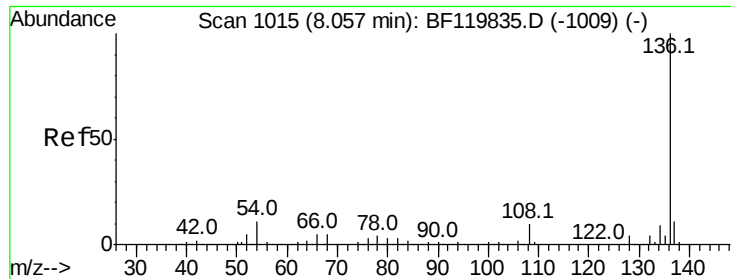
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

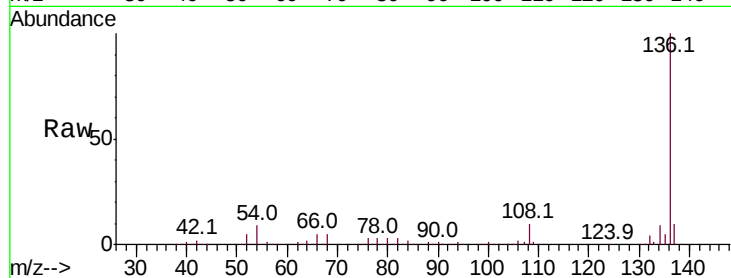




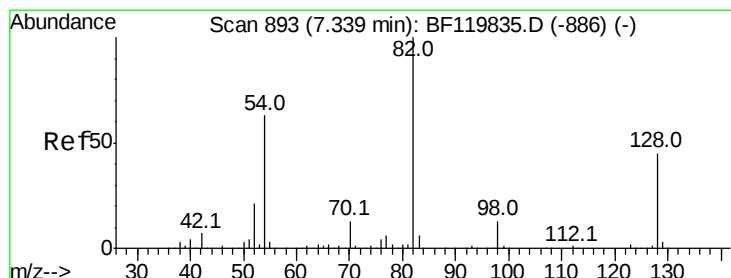
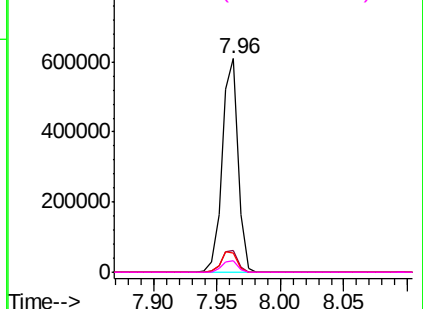
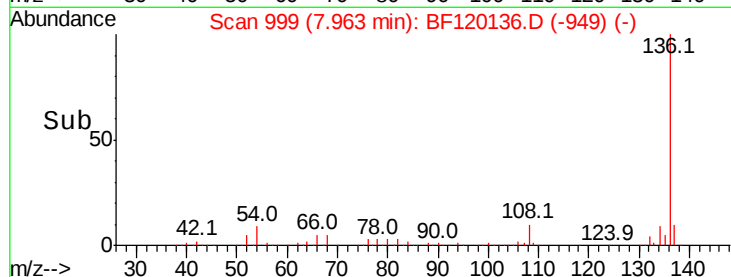
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Instrument :
BNA_N
ClientSampleId :
TP-13-12-COMP

Tot Ion:	136	Resp:	532910
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	9.2	9.1	13.7
68	5.2	4.6	6.8

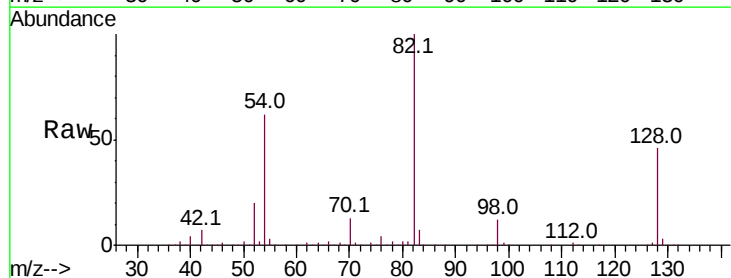


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

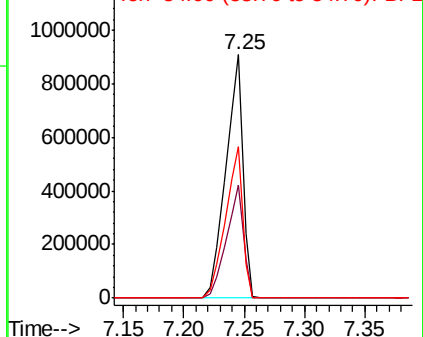
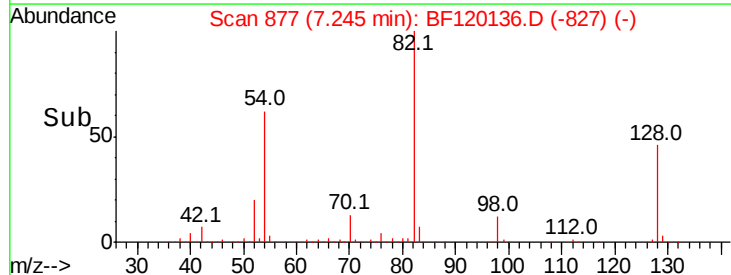


#23
Nitrobenzene-d5
Concen: 86.448 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF120136.D
Acq: 22 Apr 2020 17:32

Tgt Ion:	82	Resp:	890502
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.3	54.5
54	62.0	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: 44.792 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_N

ClientSampleId :

TP-13-12-COMP

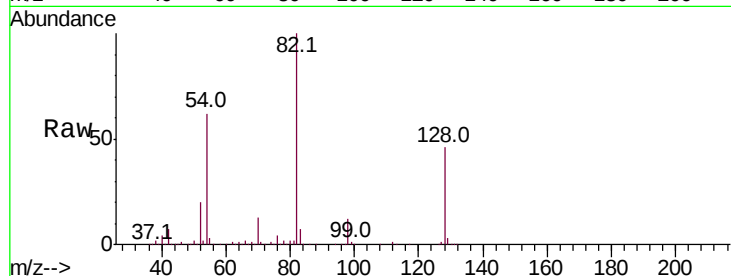
Tot Ion: 82 Resp: 889460

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

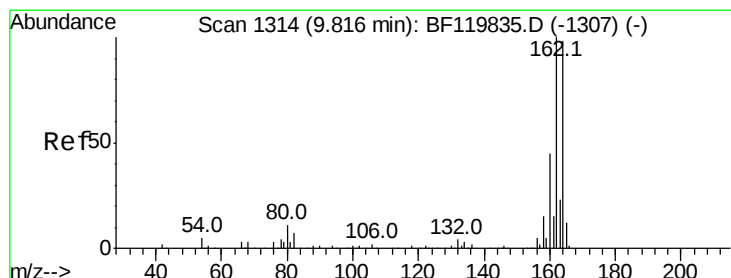
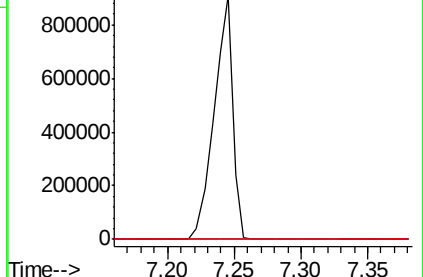
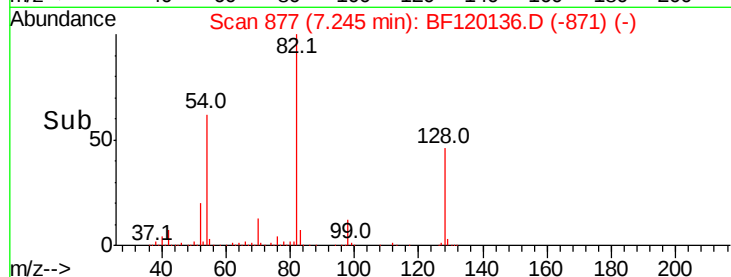
138 0.0 14.6 21.8#



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: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

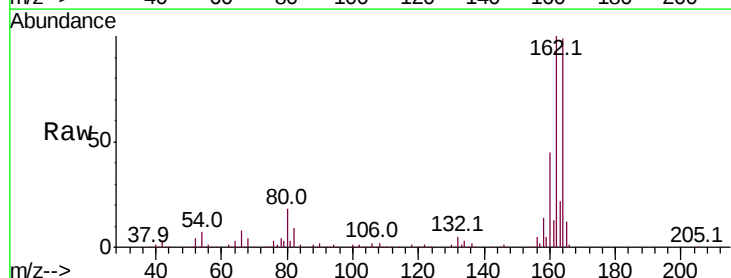
Tgt Ion:164 Resp: 271834

Ion Ratio Lower Upper

164 100

162 101.4 80.6 121.0

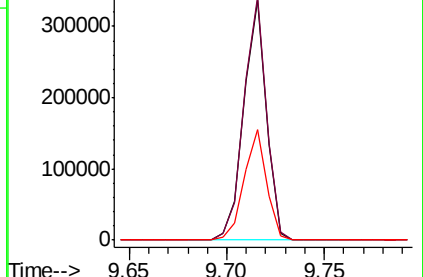
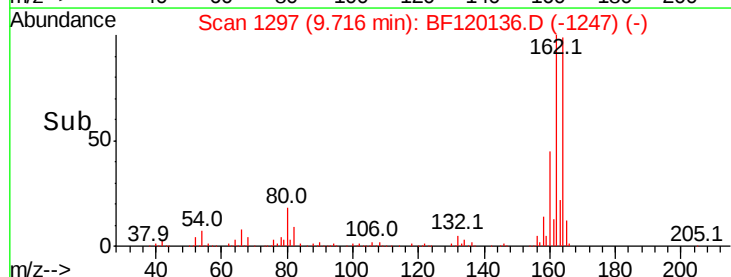
160 45.9 35.7 53.5

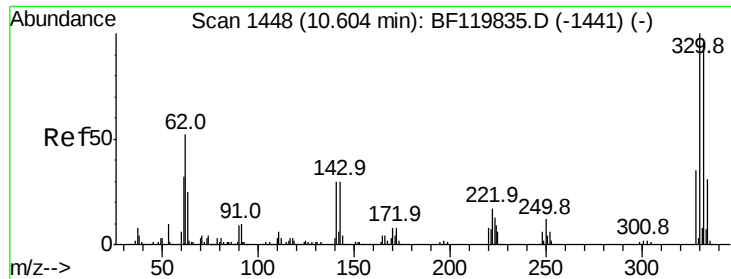


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

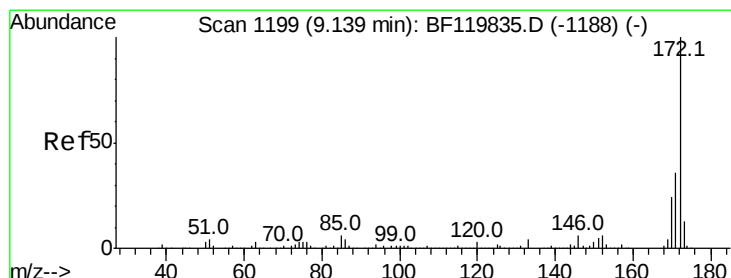
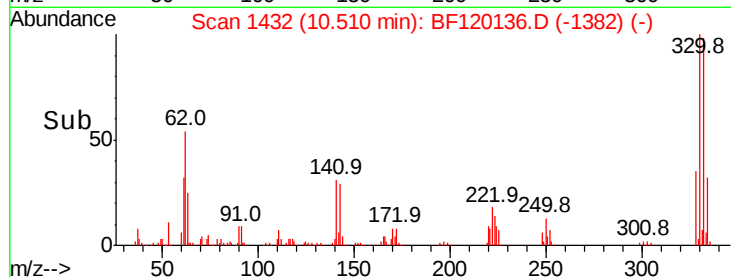
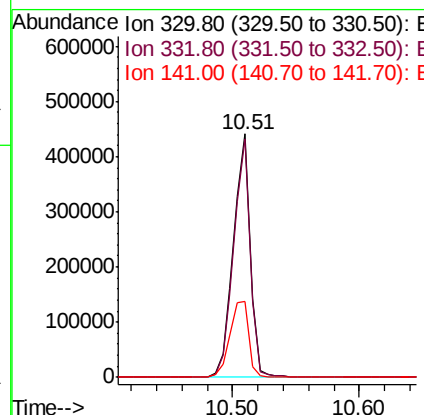
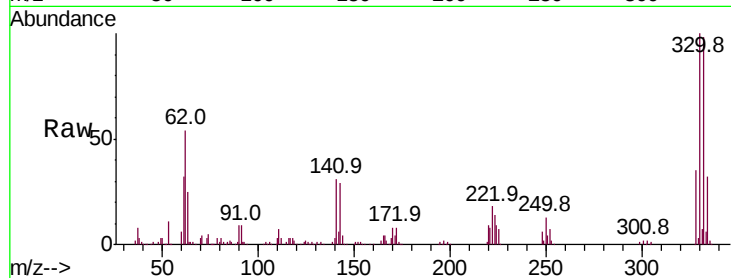




#42
 2,4,6-Tribromophenol
 Concen: 122.226 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

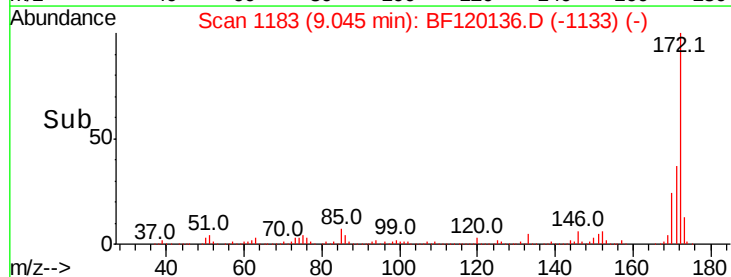
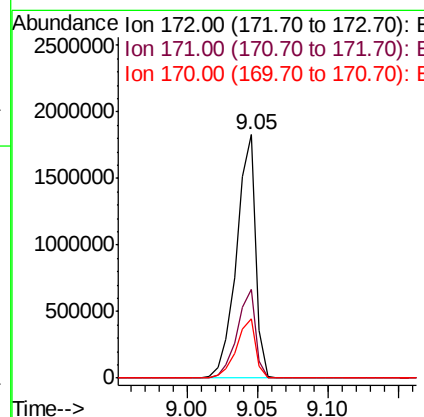
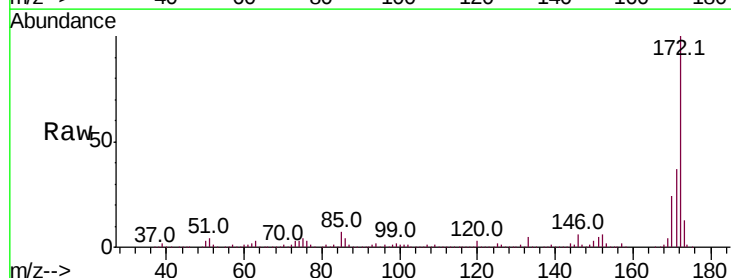
Instrument :
 BNA_N
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 TP-13-12-COMP

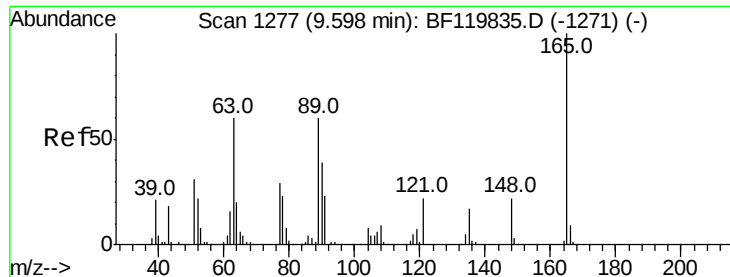
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.7	113.5
141	35.2	25.4	38.0



#45
 2-Fluorobiphenyl
 Concen: 89.232 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	20.2	30.2





#51

2,6-Dinitrotoluene

Concen: 7.408 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.20 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_N

ClientSampleId :

TP-13-12-COMP

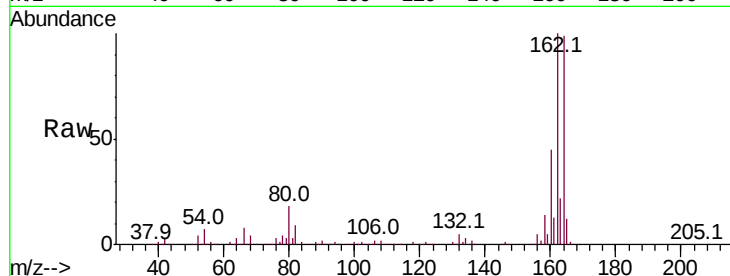
Tot Ion:165 Resp: 34108

Ion Ratio Lower Upper

165 100

63 1.1 45.0 67.4#

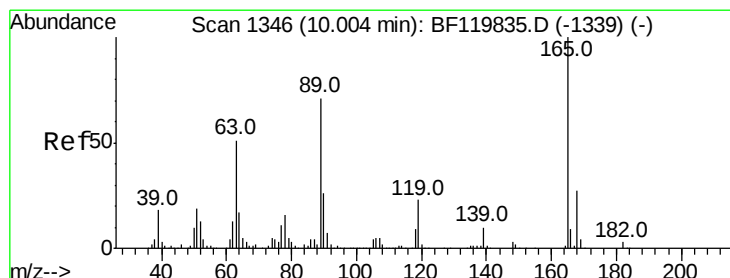
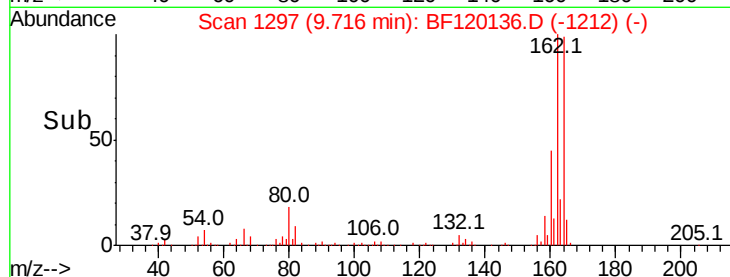
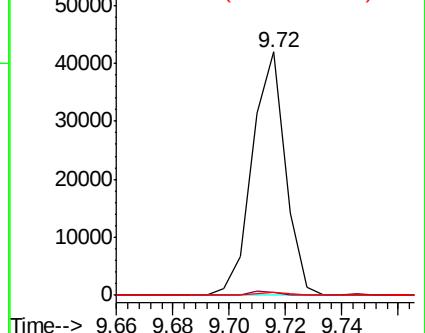
89 1.3 41.5 62.3#



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: 5.623 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.21 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Tgt Ion:165 Resp: 34108

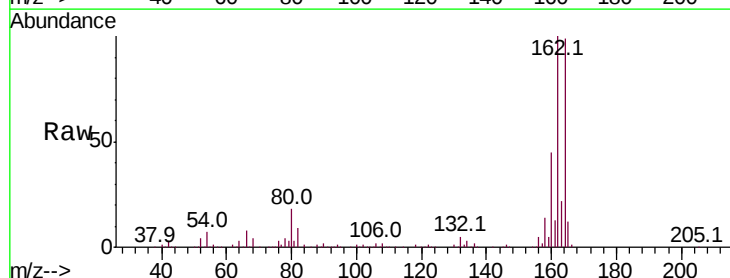
Ion Ratio Lower Upper

165 100

63 1.1 42.6 64.0#

89 1.3 61.0 91.4#

182 0.0 2.2 3.2#

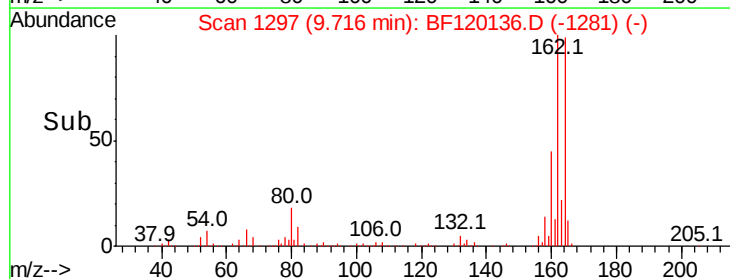
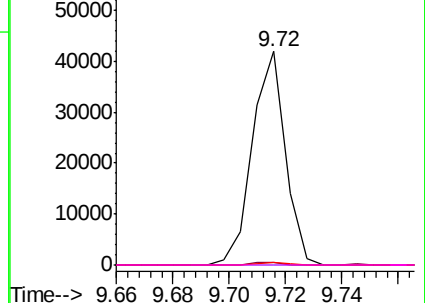


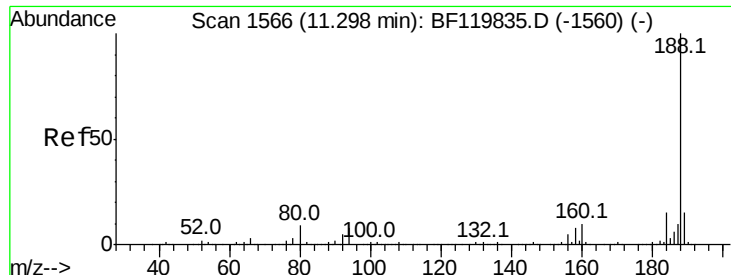
Abundance Ion 165.00 (164.70 to 165.70): E

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

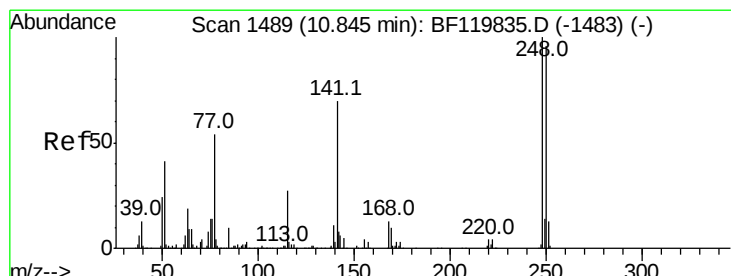
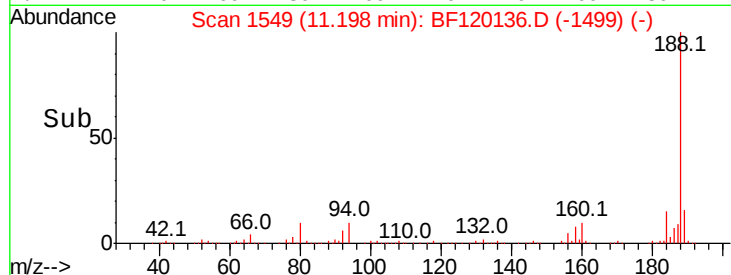
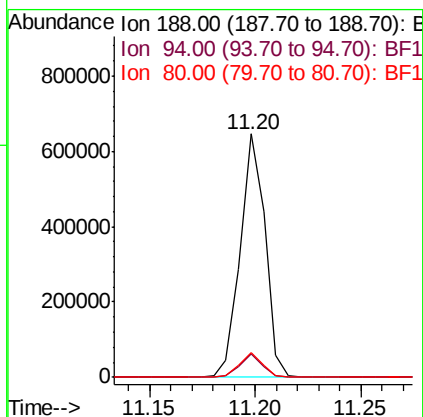
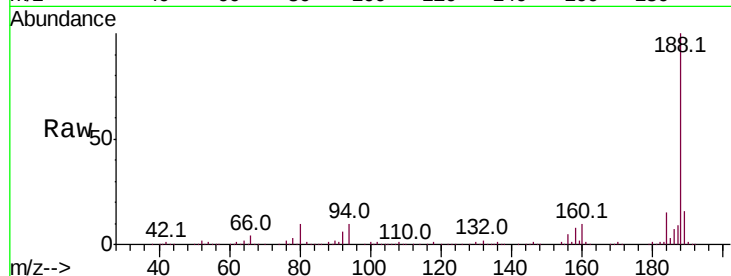




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

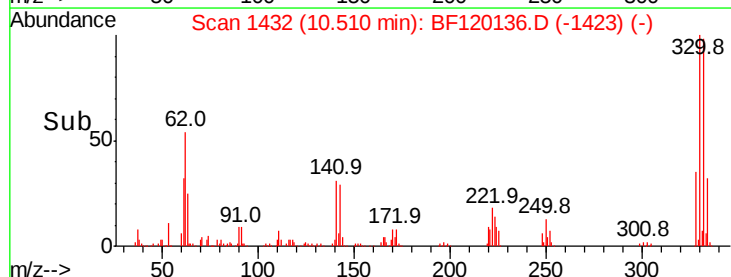
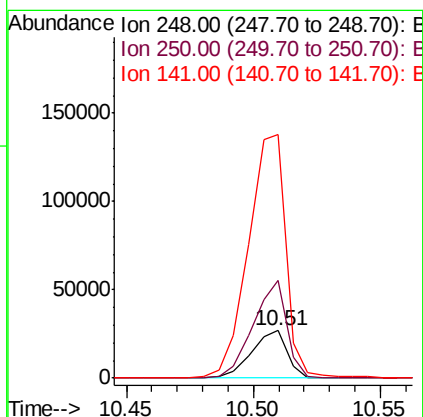
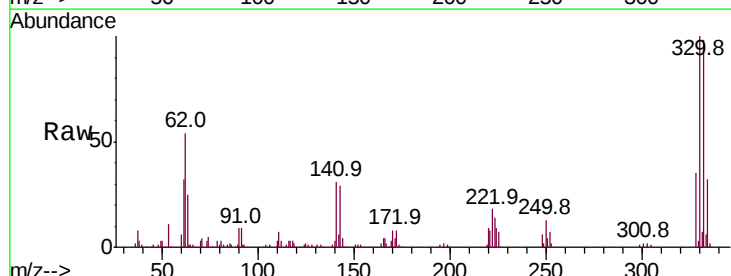
Instrument :
 BNA_N
 ClientSampleId :
 TP-13-12-COMP

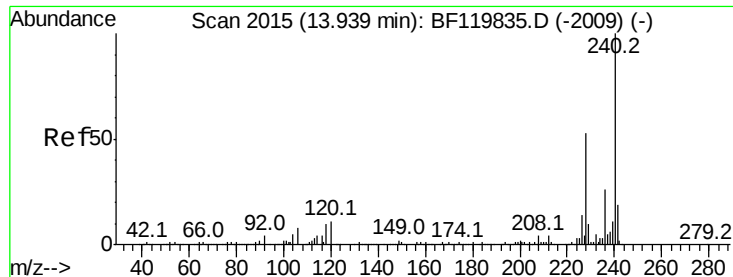
Tot Ion:188 Resp: 525476
 Ion Ratio Lower Upper
 188 100
 94 9.7 7.5 11.3
 80 10.2 9.0 13.4



#67
 4-Bromophenyl-phenylether
 Concen: 4.016 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.25 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion:248 Resp: 26244
 Ion Ratio Lower Upper
 248 100
 250 206.6 77.3 115.9#
 141 514.2 58.6 87.8#

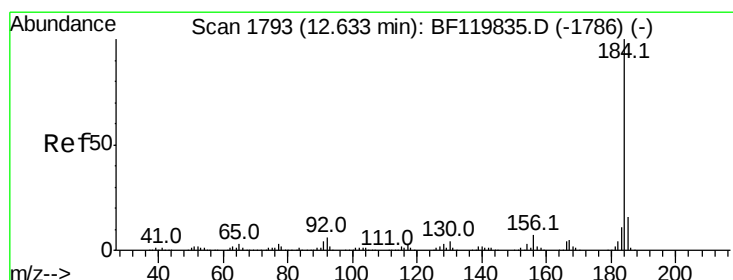
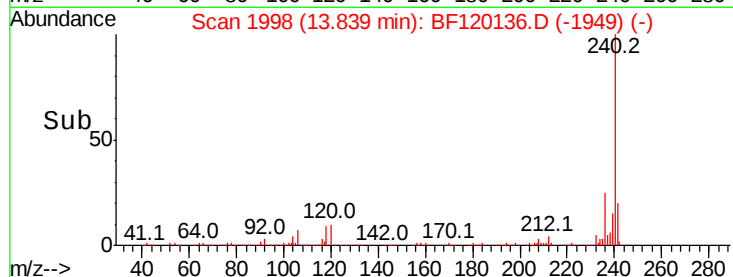
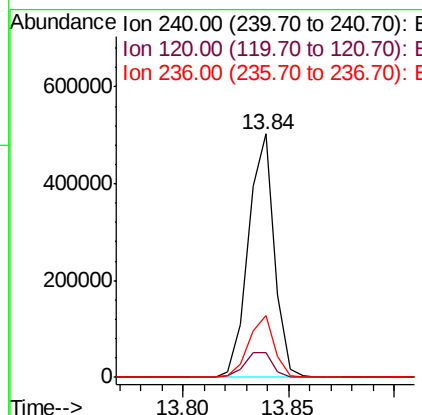
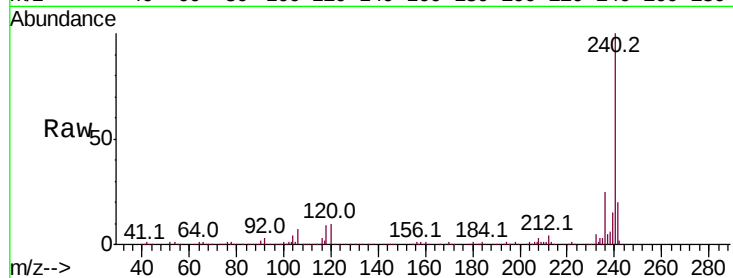




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

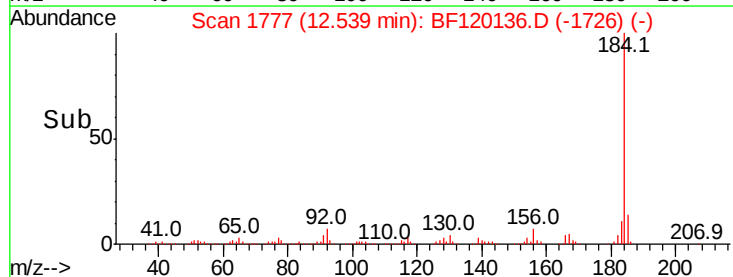
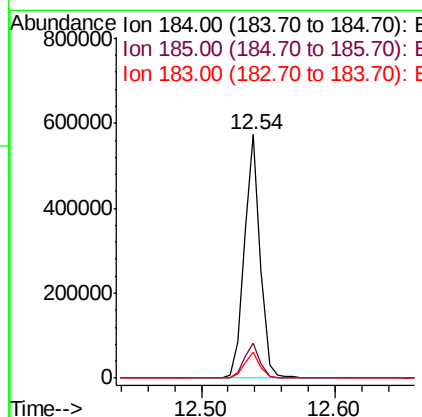
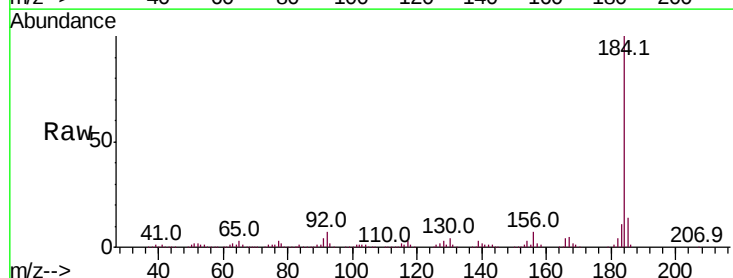
Instrument :
 BNA_N
 ClientSampleId :
 TP-13-12-COMP

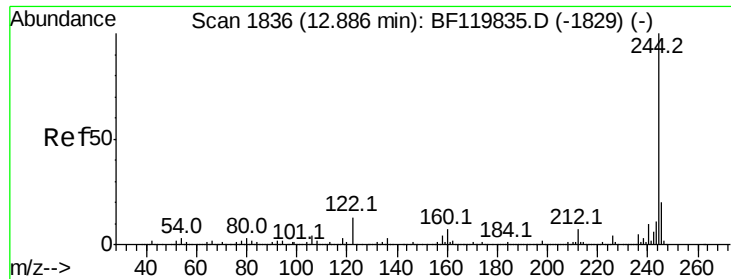
Tot Ion:240 Resp: 426504
 Ion Ratio Lower Upper
 240 100
 120 10.2 10.6 15.8#
 236 25.4 20.2 30.2



#77
 Benzidine
 Concen: 32.508 ng
 RT: 12.54 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: BF120136.D
 Acq: 22 Apr 2020 17:32

Tgt Ion:184 Resp: 468676
 Ion Ratio Lower Upper
 184 100
 185 14.4 12.3 18.5
 183 10.8 9.0 13.6





#79

Terphenyl-d14

Concen: 82.559 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

Instrument :

BNA_N

ClientSampleId :

TP-13-12-COMP

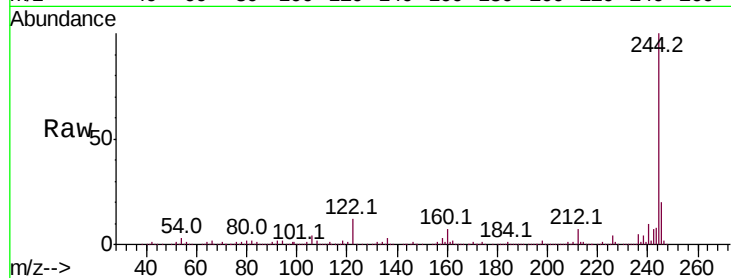
Tot Ion:244 Resp: 2092623

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

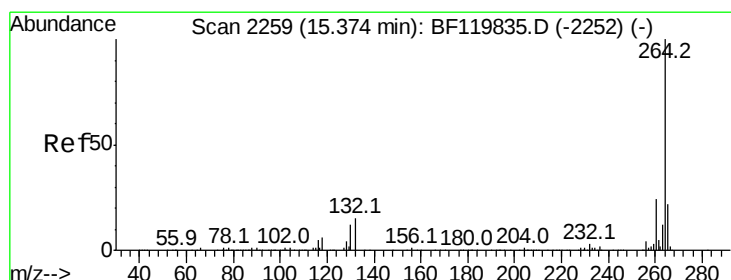
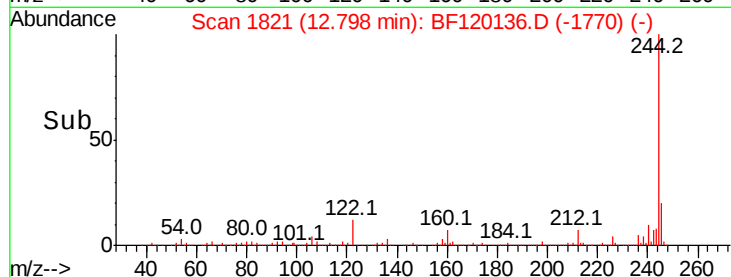
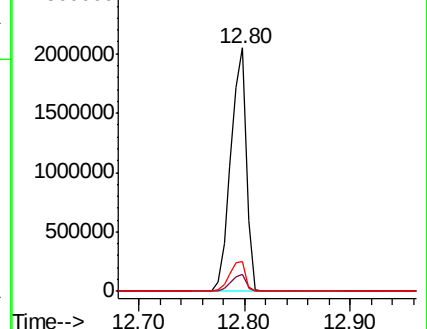
122 12.3 10.3 15.5



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: 15.25 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF120136.D

Acq: 22 Apr 2020 17:32

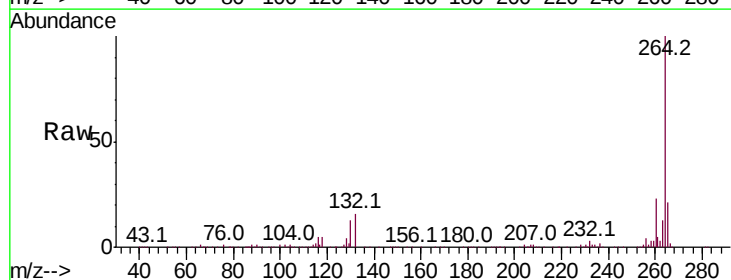
Tgt Ion:264 Resp: 363740

Ion Ratio Lower Upper

264 100

260 22.6 18.7 28.1

265 21.4 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

