

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041320\
 Data File : BF119955.D
 Acq On : 14 Apr 2020 16:12
 Operator : MA/SJ
 Sample : L2244-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Quant Time: Apr 14 17:04:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 12:44:44 2020
 Response via : Initial Calibration

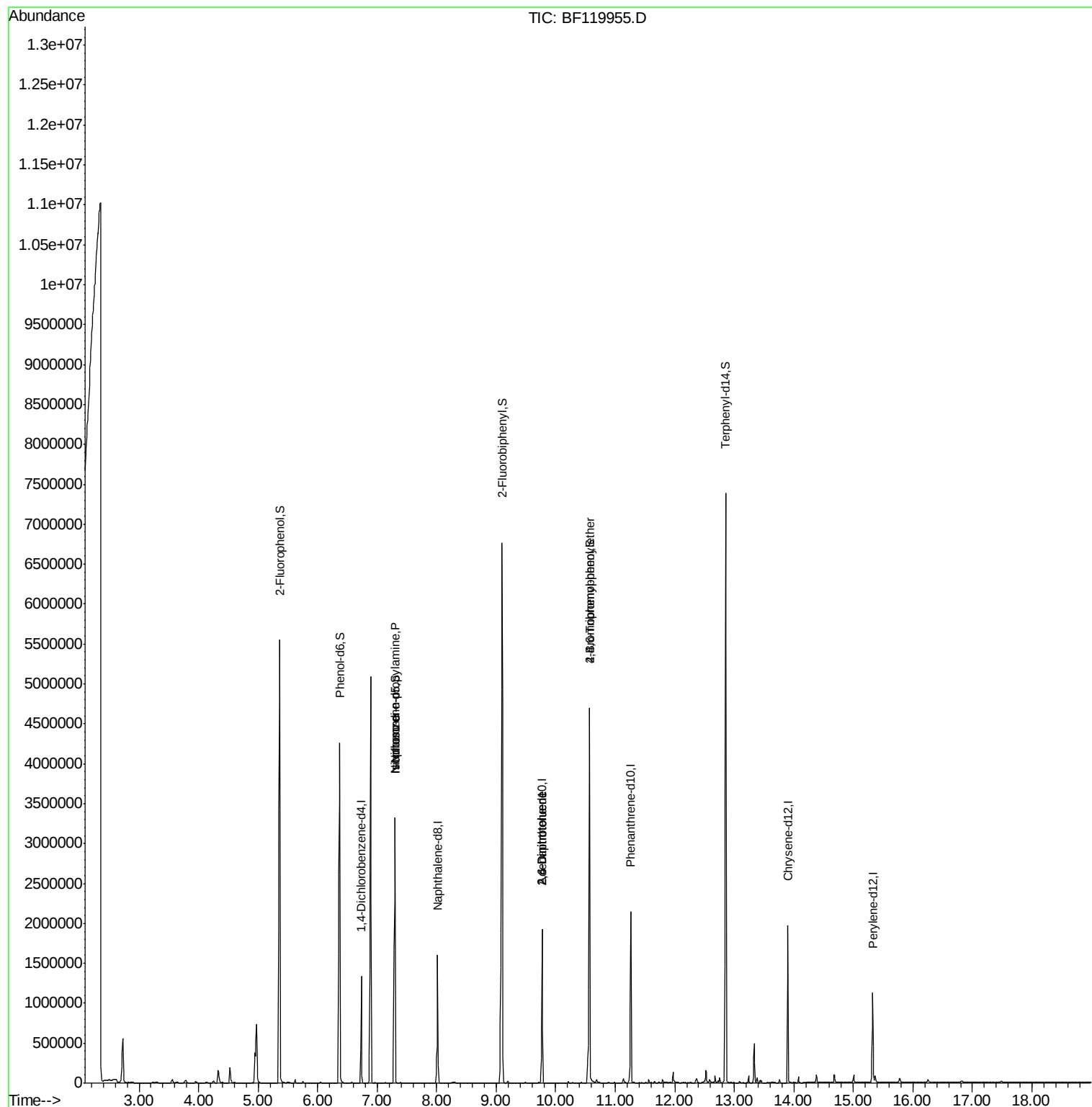
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	219629	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	850009	20.00	ng	-0.01
39) Acenaphthene-d10	9.77	164	445241	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	876666	20.00	ng	0.00
76) Chrysene-d12	13.90	240	653602	20.00	ng	-0.01
87) Perylene-d12	15.32	264	512086	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1792003	141.01	ng	0.02
7) Phenol-d6	6.37	99	2085971	127.38	ng	0.00
23) Nitrobenzene-d5	7.30	82	1583159	96.35	ng	0.00
42) 2,4,6-Tribromophenol	10.57	330	687523	126.12	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2904085	92.61	ng	0.00
79) Terphenyl-d14	12.86	244	3178579	81.83	ng	0.00
Target Compounds						
9) Benzaldehyde	6.37	77	3081	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	207572	19.712 ng	#	1
25) Isophorone	7.30	82	1549034	48.907 ng	#	71
51) 2,6-Dinitrotoluene	9.77	165	57542	7.630 ng	#	65
57) 2,4-Dinitrotoluene	9.77	165	57542	5.791 ng	#	19
67) 4-Bromophenyl-phenylether	10.57	248	41482	3.805 ng	#	23
					#	1

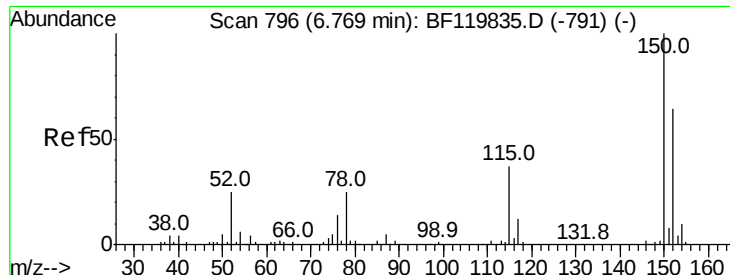
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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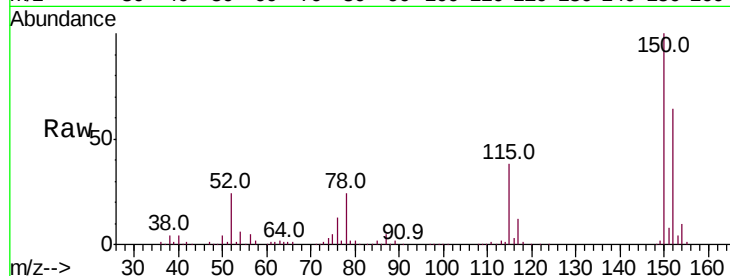


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.8	187.2
115	59.7	46.5	69.7

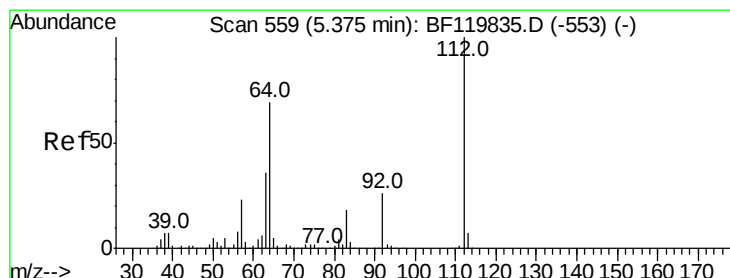
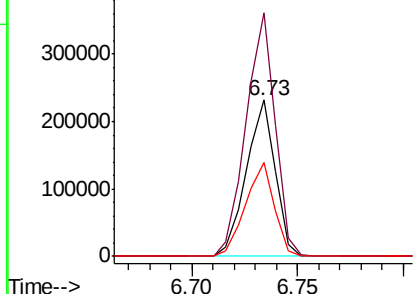
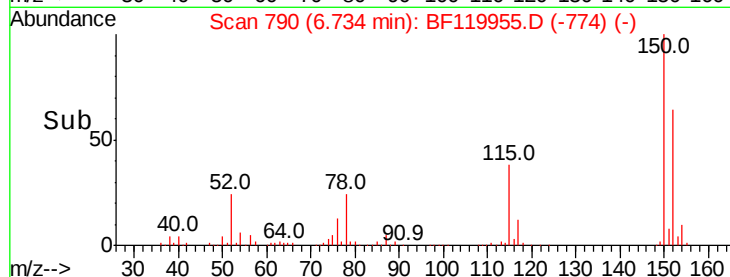


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

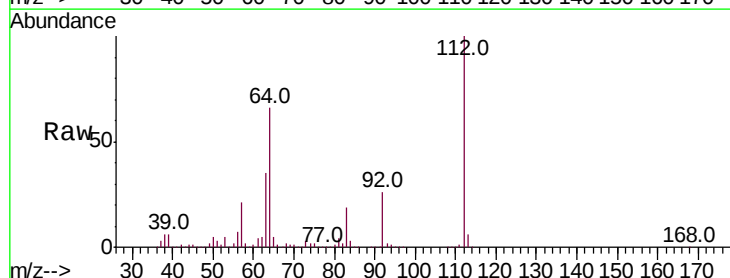
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 141.006 ng
 RT: 5.36 min Scan# 557
 Delta R.T. 0.02 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	55.5	83.3
63	34.8	29.1	43.7

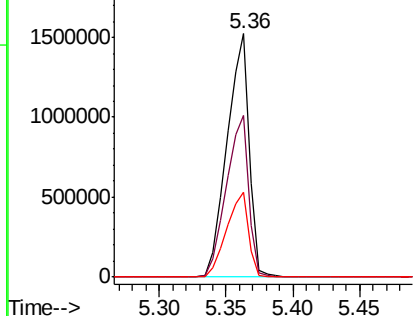
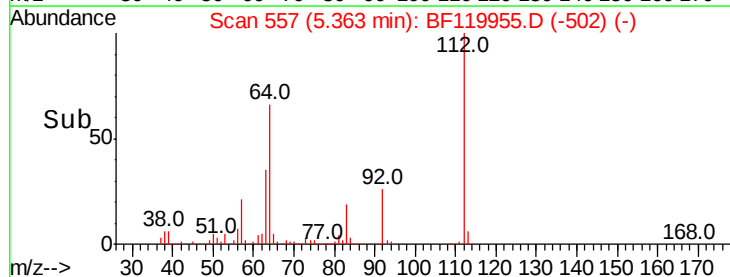


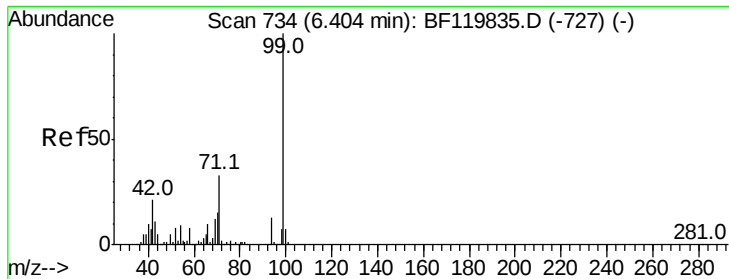
Abundance

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: 127.382 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

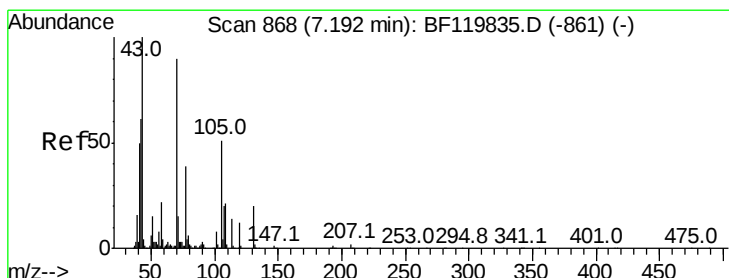
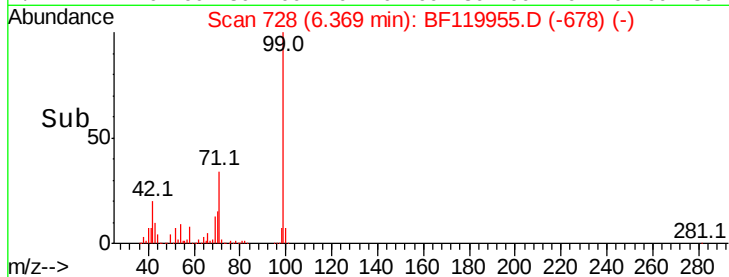
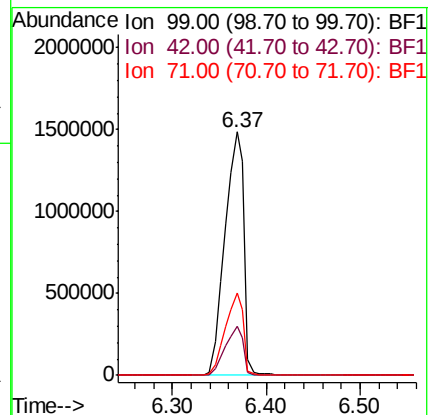
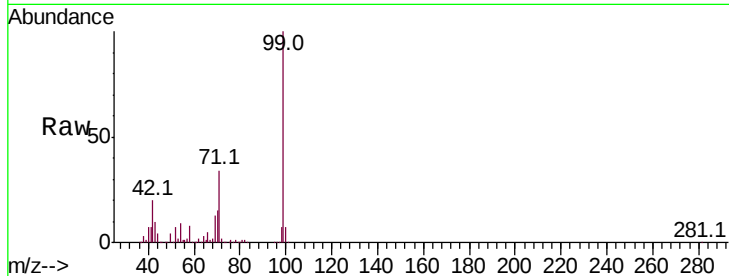
Tot Ion: 99 Resp: 2085971

Ion Ratio Lower Upper

99 100

42 20.0 16.9 25.3

71 33.9 26.3 39.5



#19

n-Nitroso-di-n-propylamine

Concen: 19.712 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Tgt Ion: 70 Resp: 207572

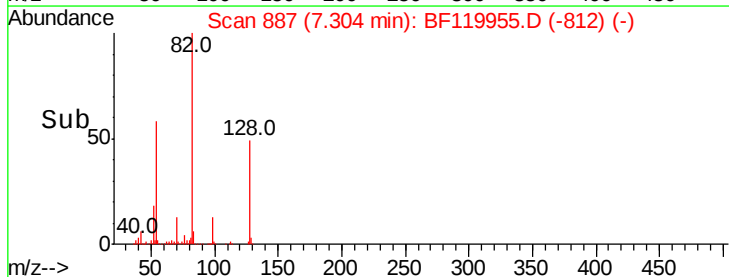
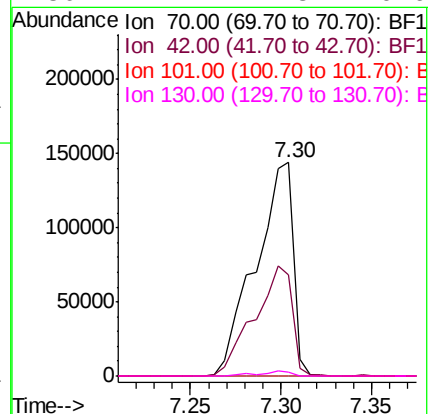
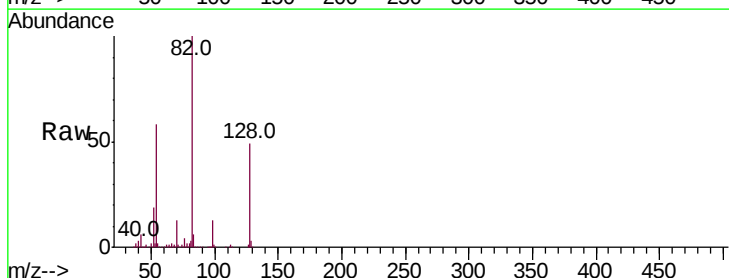
Ion Ratio Lower Upper

70 100

42 47.5 54.2 81.4#

101 0.0 7.4 11.2#

130 2.1 17.8 26.6#

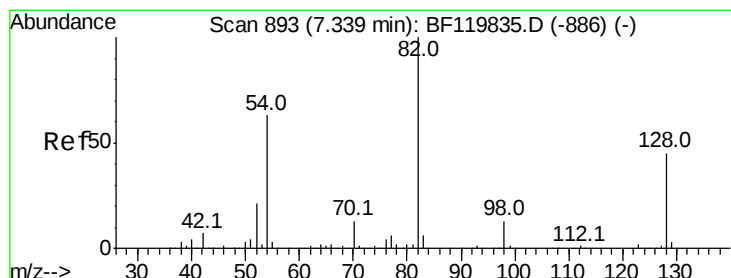
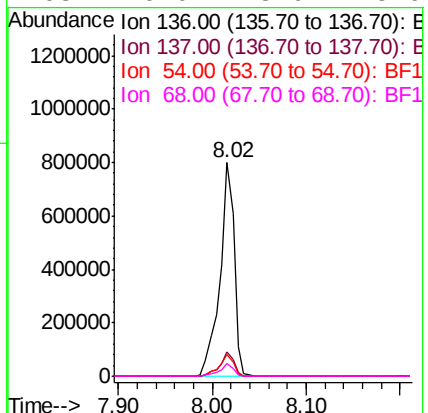
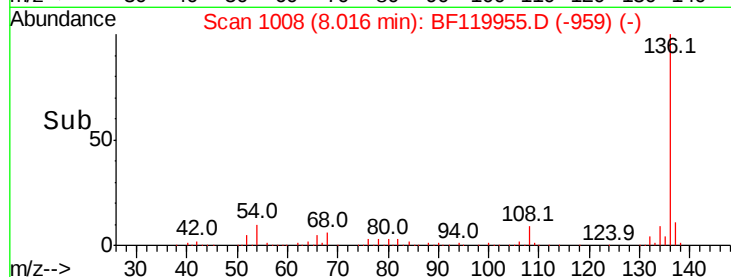
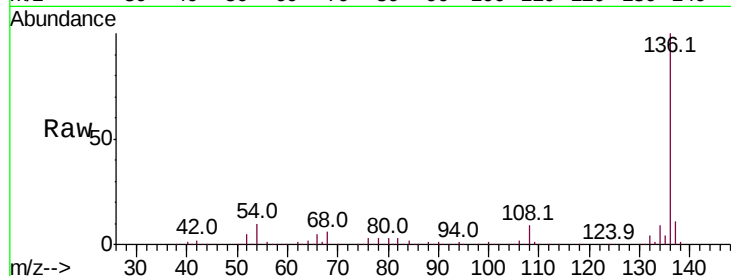




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

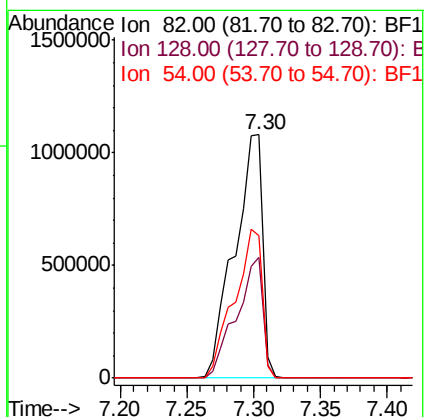
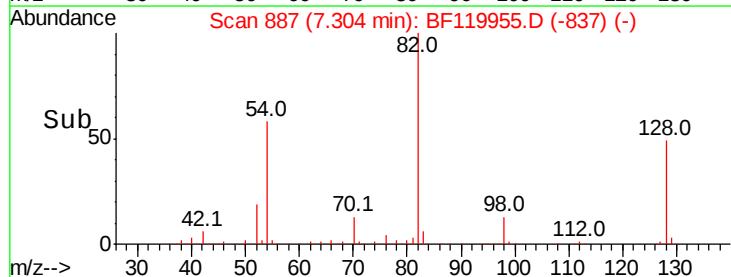
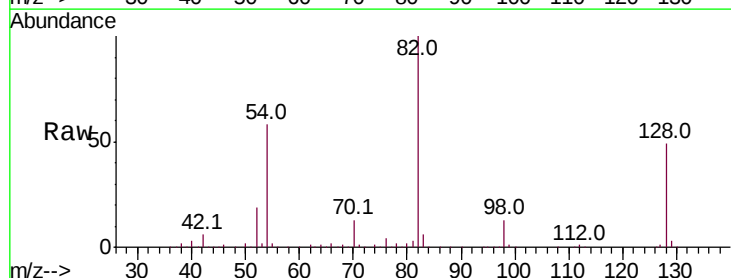
Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:	136	Resp:	850009
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.2	8.5	12.7
68	6.0	3.9	5.9#



#23
Nitrobenzene-d5
Concen: 96.355 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Tgt Ion:	82	Resp:	1583159
Ion	Ratio	Lower	Upper
82	100		
128	49.3	36.2	54.4
54	58.3	50.4	75.6





#25

Isophorone

Concen: 48.907 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

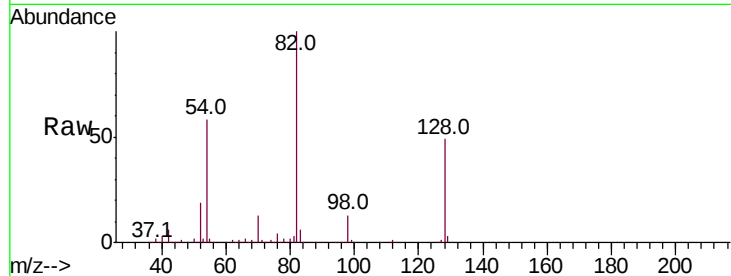
Tot Ion: 82 Resp: 1549034

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

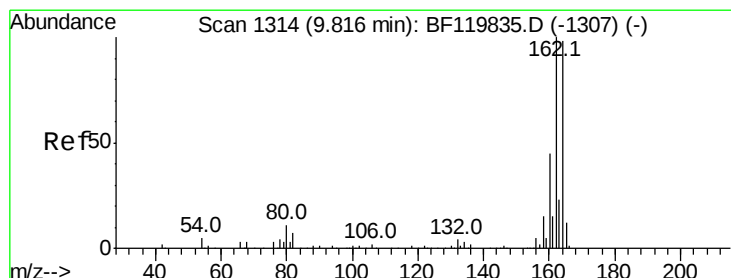
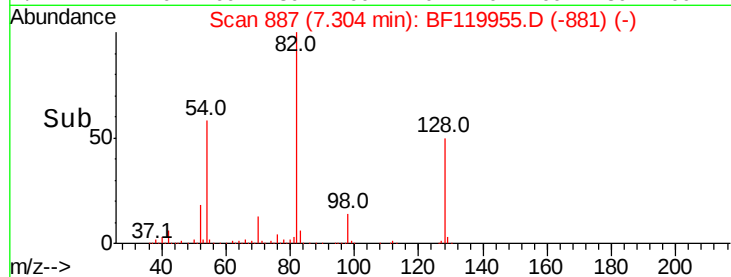
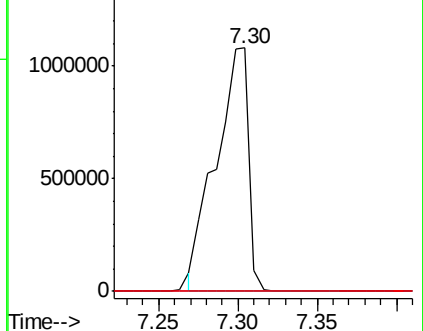
138 0.0 14.5 21.7#



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: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

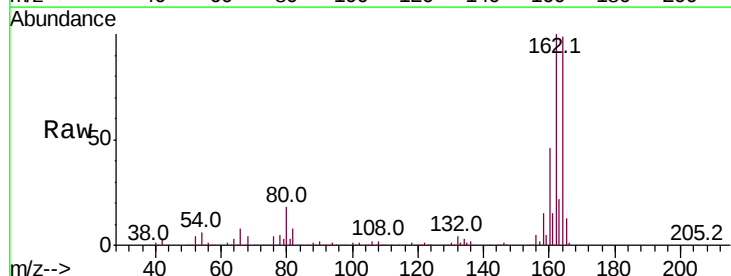
Tgt Ion:164 Resp: 445241

Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

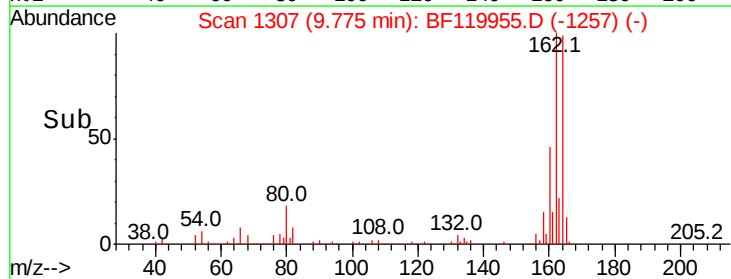
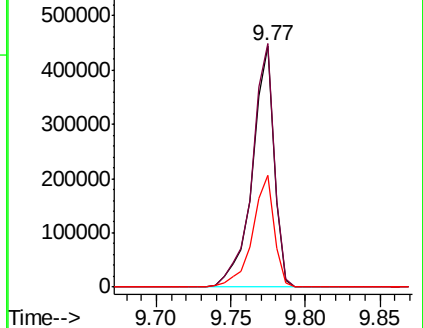
160 46.3 36.6 54.8

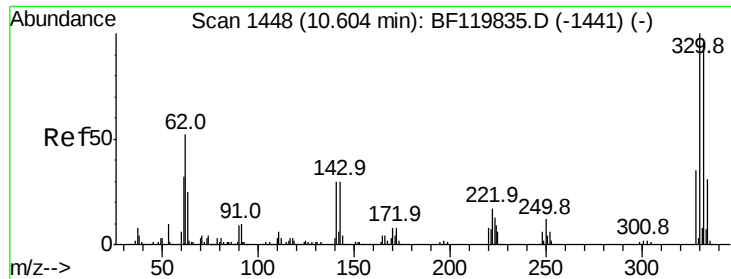


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

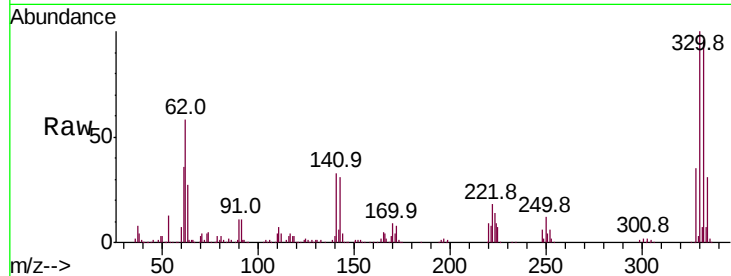




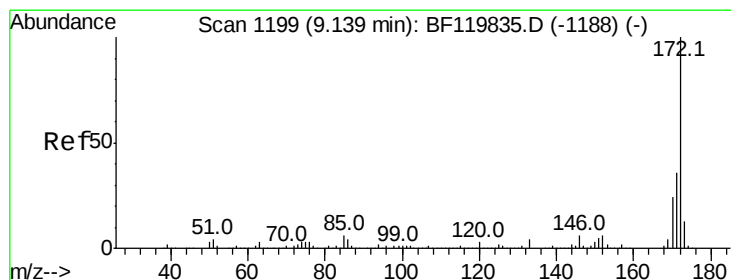
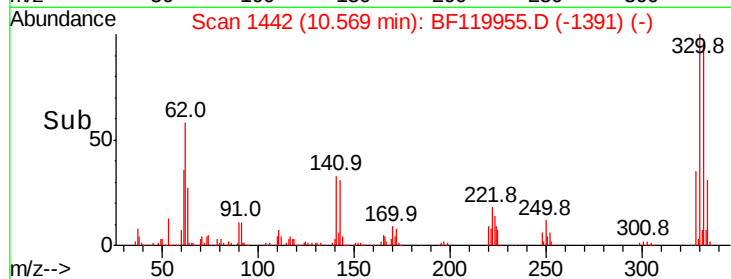
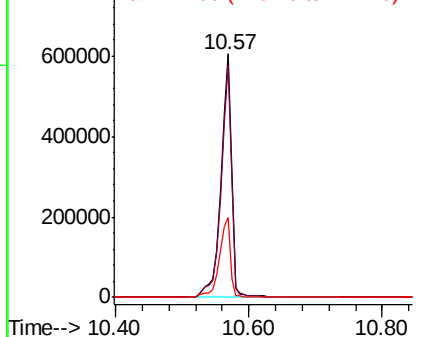
#42
 2,4,6-Tribromophenol
 Concen: 126.122 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-25-24-COMP

Tot Ion:330 Resp: 687523
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.8 115.2
 141 33.5 25.1 37.7

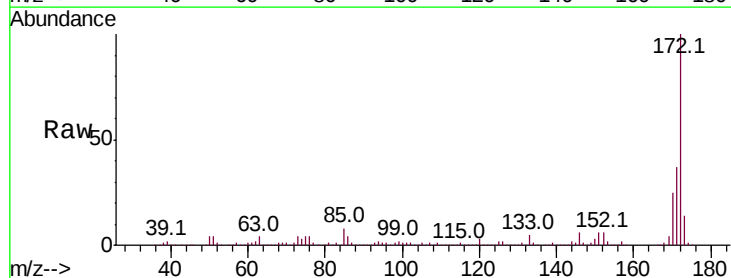


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

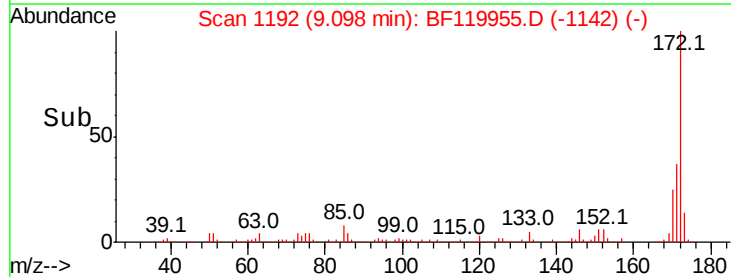
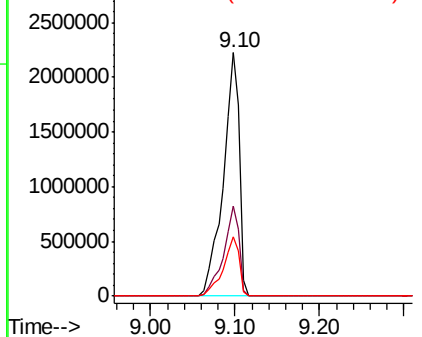


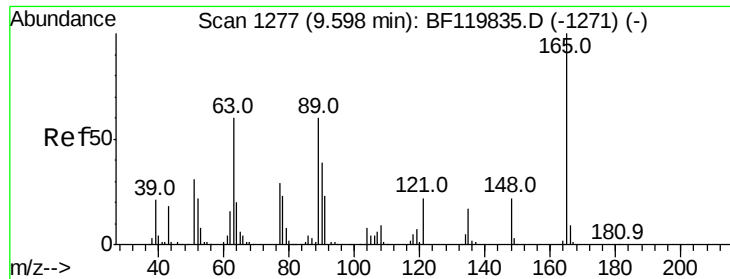
#45
 2-Fluorobiphenyl
 Concen: 92.605 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Tgt Ion:172 Resp: 2904085
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.5 19.4 29.2



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

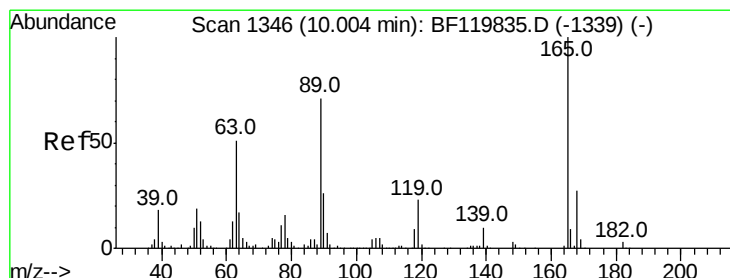
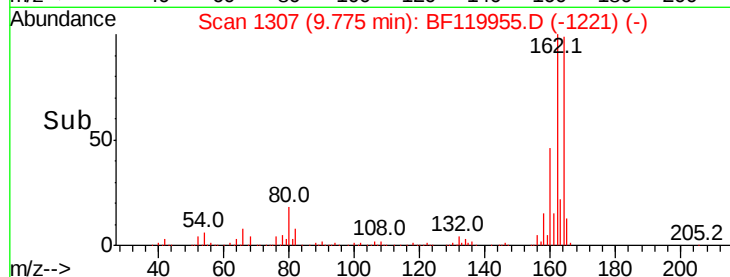
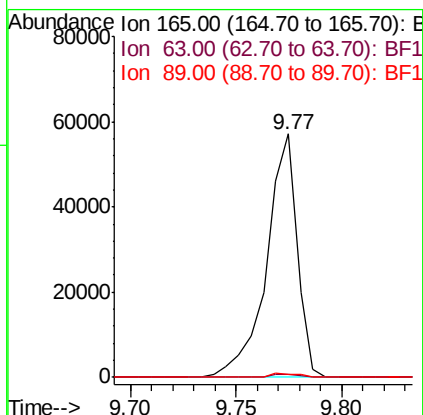
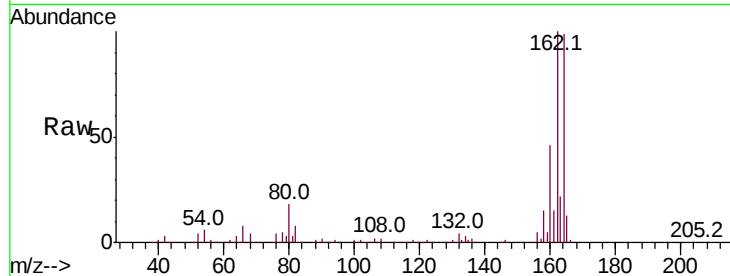




#51
 2,6-Dinitrotoluene
 Concen: 7.630 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.21 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

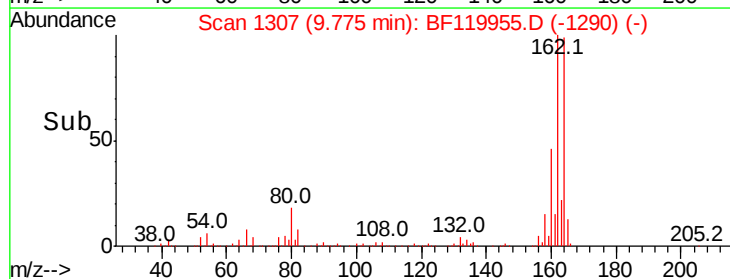
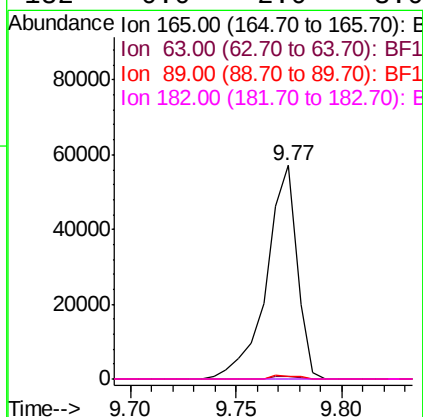
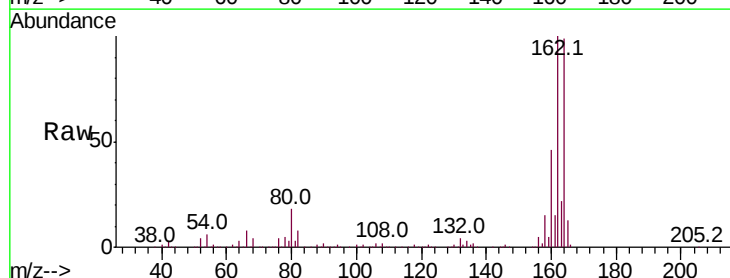
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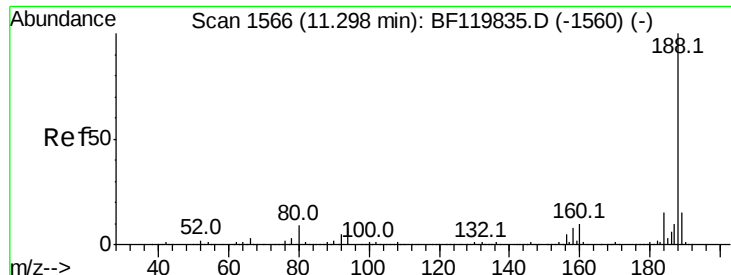
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	55.6	83.4#
89	1.3	47.9	71.9#



#57
 2,4-Dinitrotoluene
 Concen: 5.791 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF119955.D
 Acq: 14 Apr 2020 16:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.8	61.2#
89	1.3	56.9	85.3#
182	0.0	2.0	3.0#

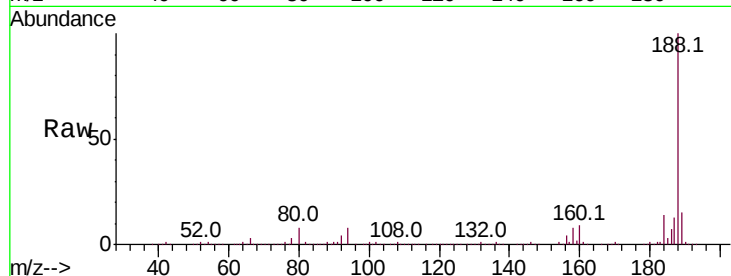




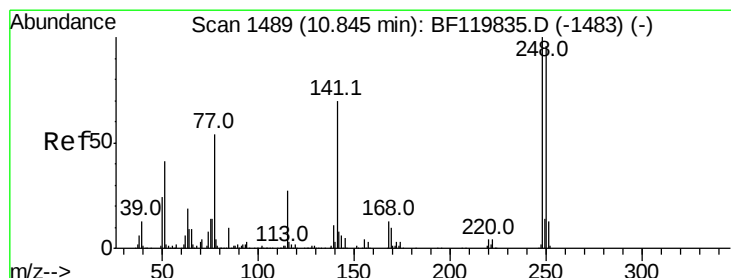
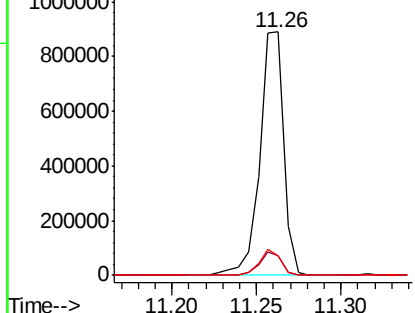
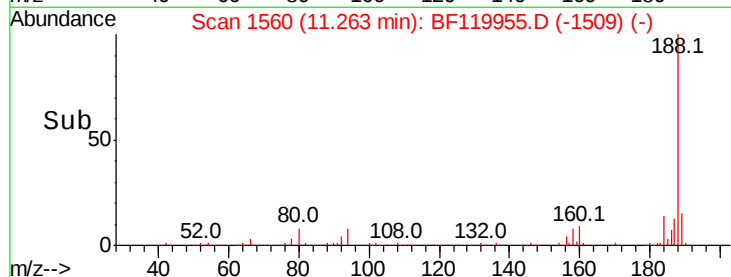
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:188 Resp: 876666
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.2 7.4 11.2

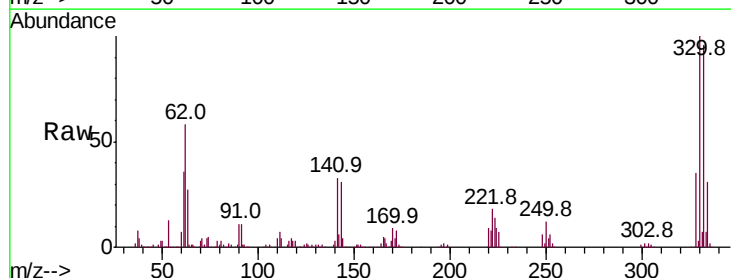


Abundance Ion 188.00 (187.70 to 188.70): E
1200000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

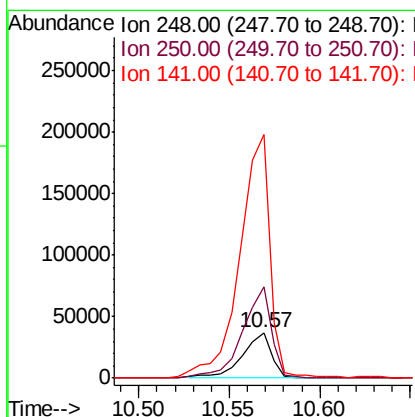
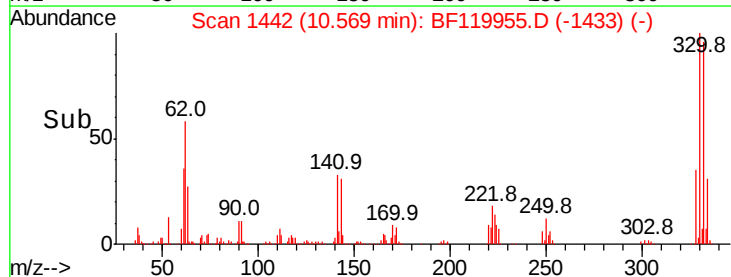


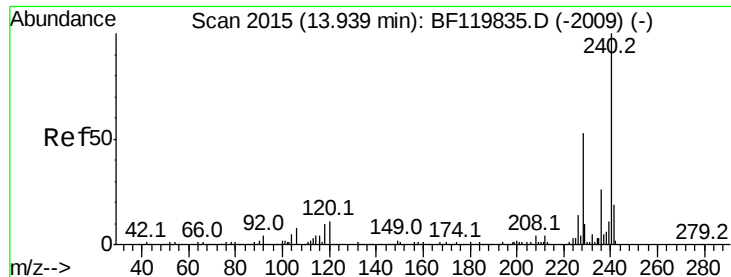
#67
4-Bromophenyl-phenylether
Concen: 3.805 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.25 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Tgt Ion:248 Resp: 41482
Ion Ratio Lower Upper
248 100
250 199.8 76.6 114.8#
141 534.7 55.9 83.9#



Abundance Ion 248.00 (247.70 to 248.70): E
250000
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: 13.90 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

Instrument :

BNA_F

ClientSampleId :

TP-25-24-COMP

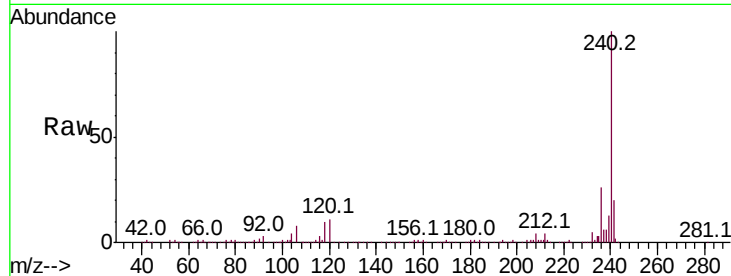
Tot Ion:240 Resp: 653602

Ion Ratio Lower Upper

240 100

120 11.0 9.0 13.6

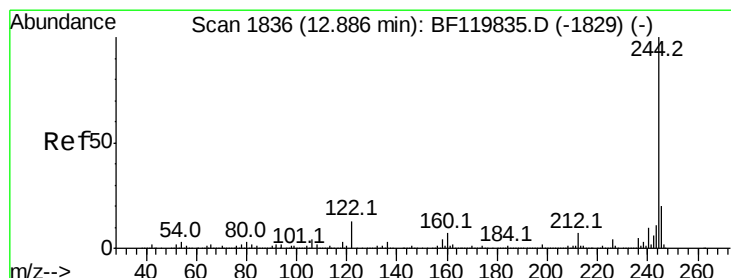
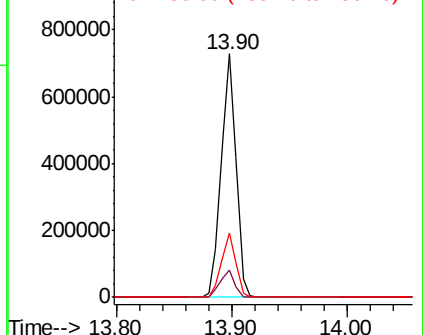
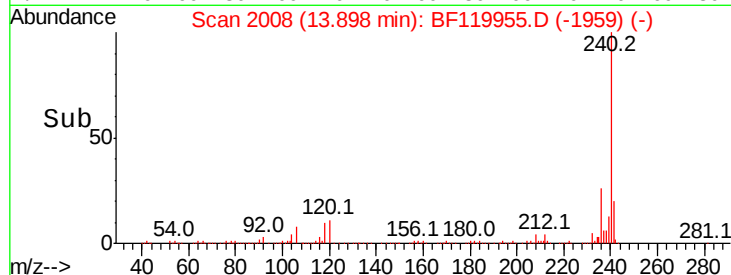
236 26.4 20.7 31.1



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: 81.830 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF119955.D

Acq: 14 Apr 2020 16:12

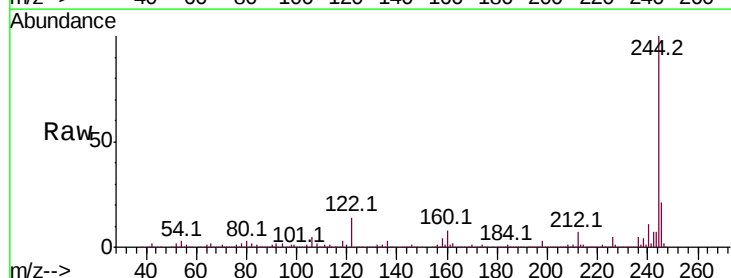
Tgt Ion:244 Resp: 3178579

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

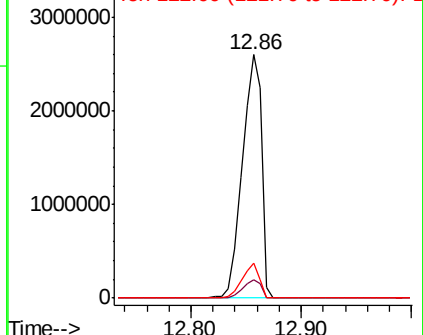
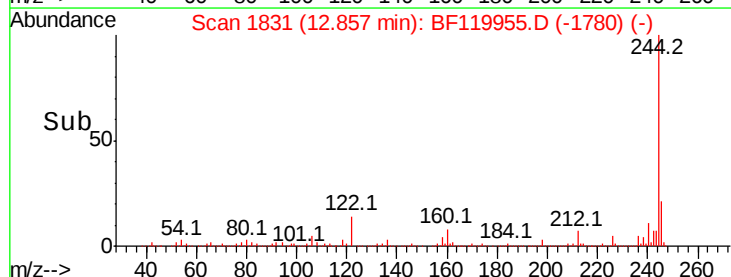
122 14.1 10.3 15.5

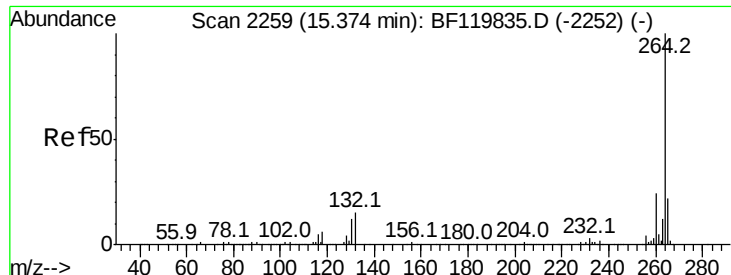


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.01 min
Lab File: BF119955.D
Acq: 14 Apr 2020 16:12

Instrument :
BNA_F
ClientSampleId :
TP-25-24-COMP

Tot Ion:264 Resp: 512086

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.3	17.6	26.4

