

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119762.D
 Acq On : 6 Apr 2020 10:56
 Operator : MA/SJ
 Sample : PB127997BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BL

Quant Time: Apr 06 11:35:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

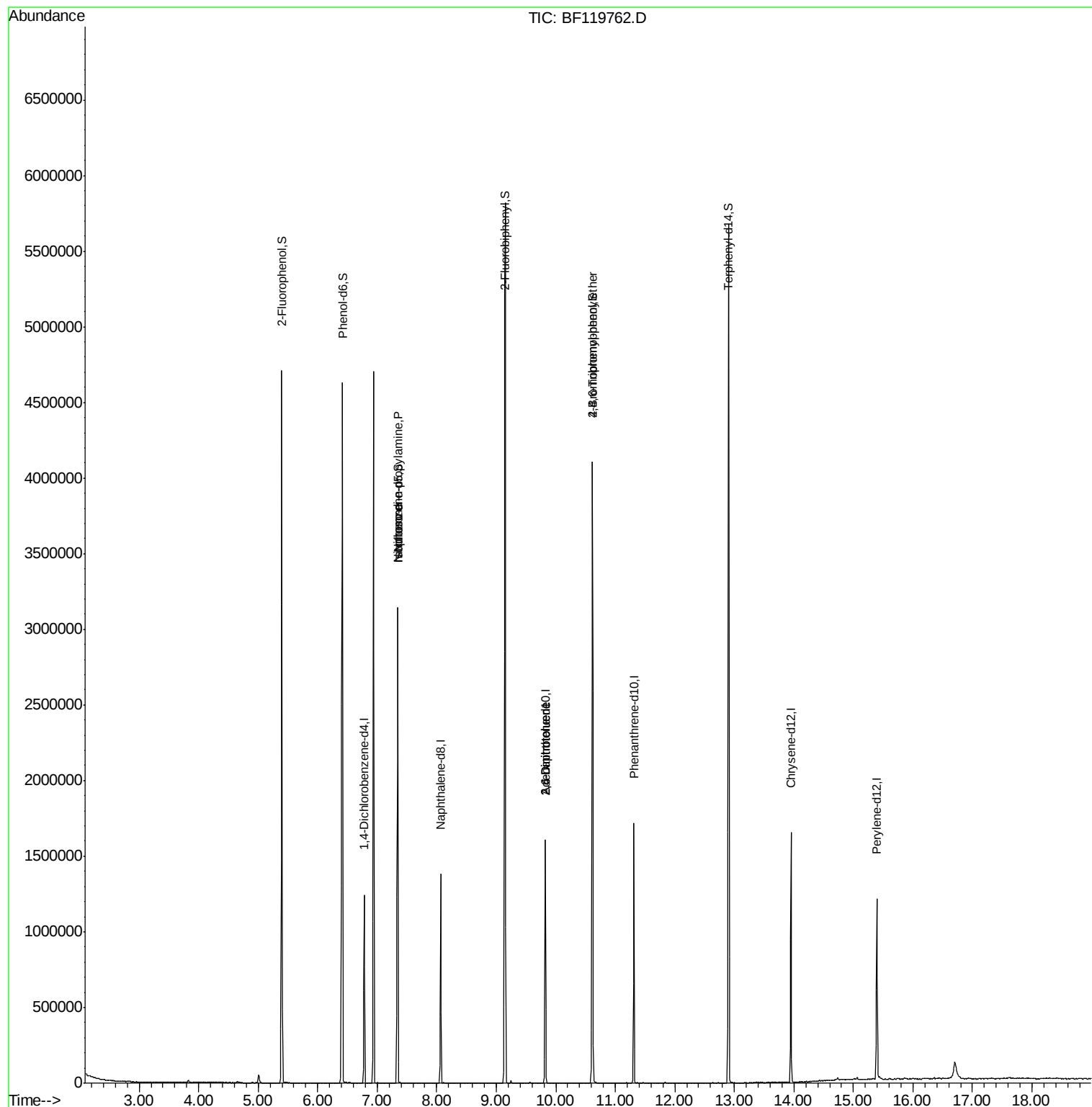
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	172283	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	624291	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	342075	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	618177	20.00	ng	0.00
76) Chrysene-d12	13.95	240	531385	20.00	ng	0.00
87) Perylene-d12	15.40	264	535723	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1405601	129.88	ng	0.02
7) Phenol-d6	6.42	99	1704679	123.30	ng	0.00
23) Nitrobenzene-d5	7.35	82	1087937	94.71	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	531437	150.59	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2040506	88.37	ng	0.00
79) Terphenyl-d14	12.91	244	2423347	89.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	141020	16.923	ng	# 78
25) Isophorone	7.35	82	1085549	46.587	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	43278	8.310	ng	# 26
57) 2,4-Dinitrotoluene	9.83	165	43278	6.596	ng	# 20
67) 4-Bromophenyl-phenylether	10.62	248	32571	4.626	ng	# 1

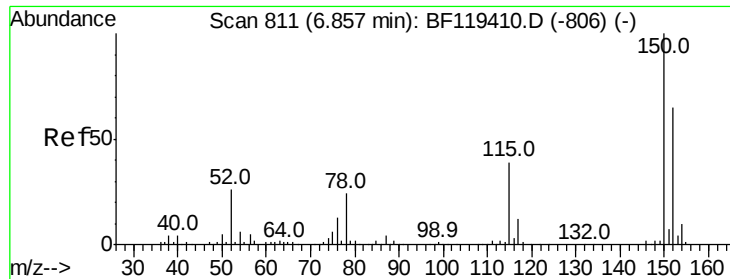
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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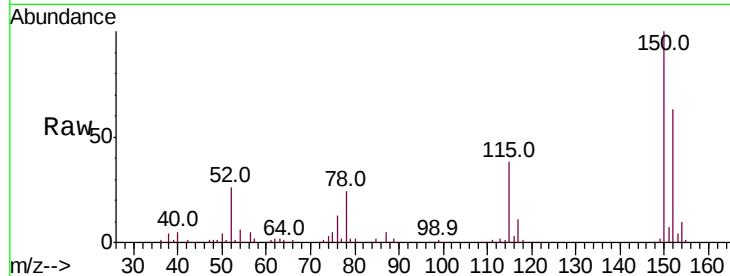


#1

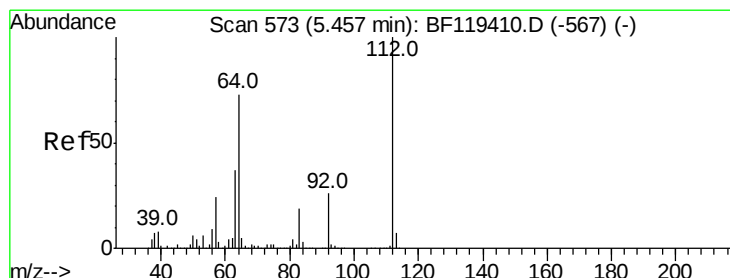
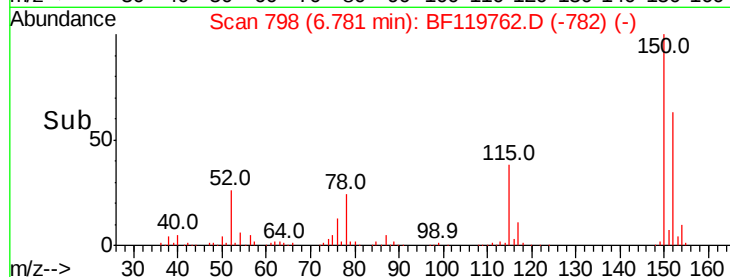
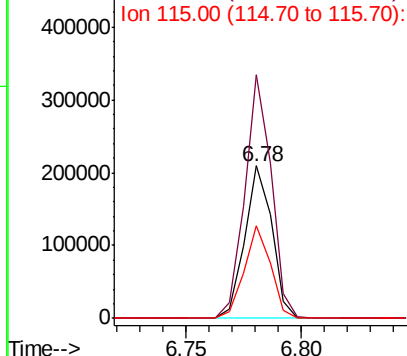
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119762.D
Acq: 6 Apr 2020 10:56

Instrument :
BNA_F
ClientSampleId :
PB127997BL

Tot Ion:152 Resp: 172283
Ion Ratio Lower Upper
152 100
150 159.8 124.5 186.7
115 60.5 49.6 74.4



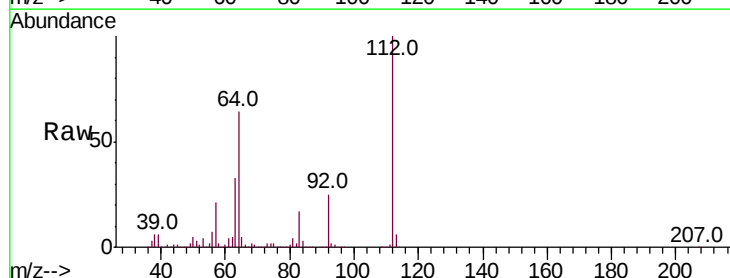
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



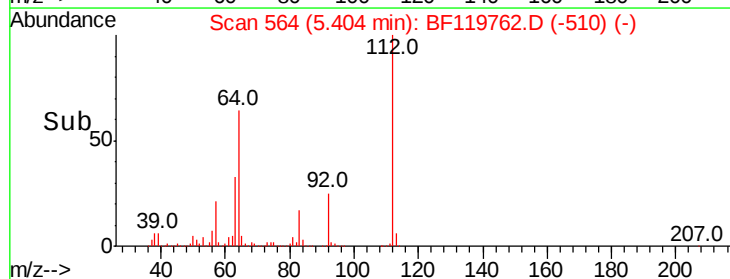
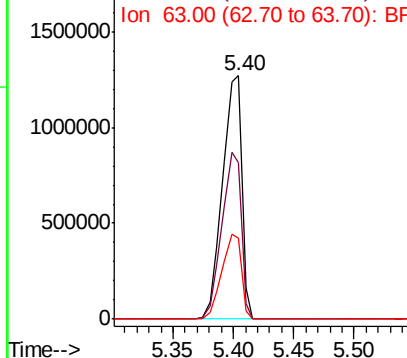
#5

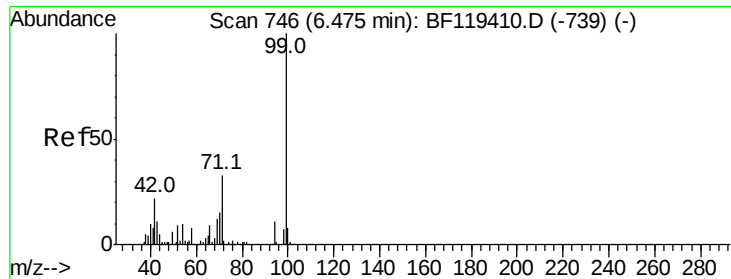
2-Fluorophenol
Concen: 129.878 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119762.D
Acq: 6 Apr 2020 10:56

Tgt Ion:112 Resp: 1405601
Ion Ratio Lower Upper
112 100
64 64.3 56.7 85.1
63 33.1 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: 123.305 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

Instrument :

BNA_F

ClientSampleId :

PB127997BL

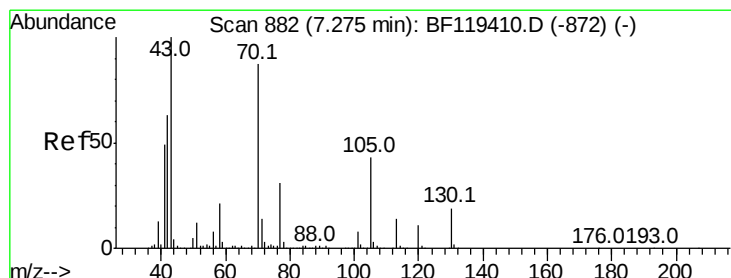
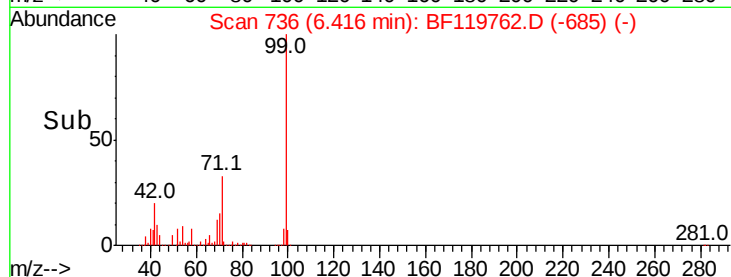
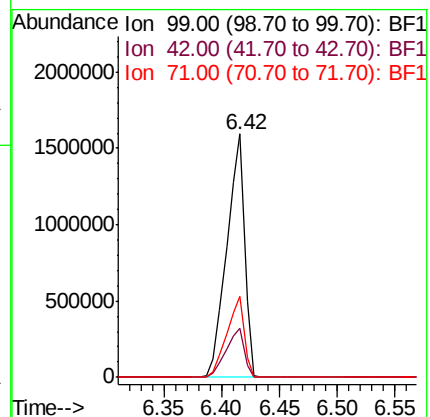
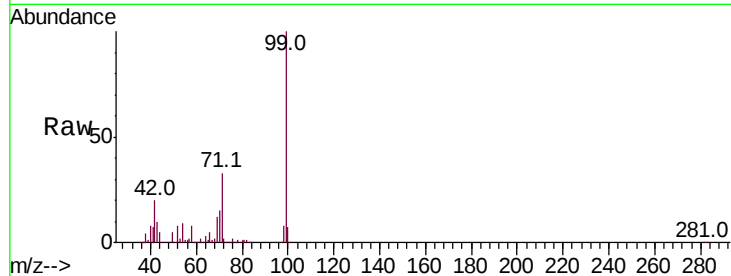
Tot Ion: 99 Resp: 1704679

Ion Ratio Lower Upper

99 100

42 20.1 16.6 24.8

71 33.0 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.923 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

Tgt Ion: 70 Resp: 141020

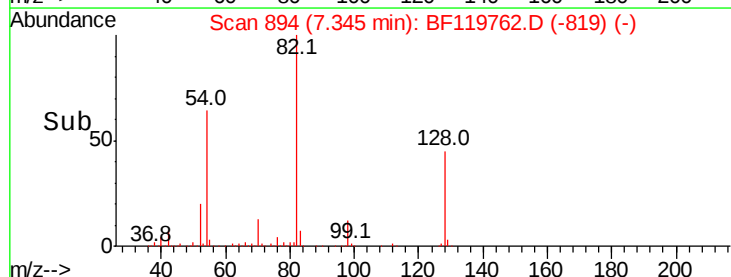
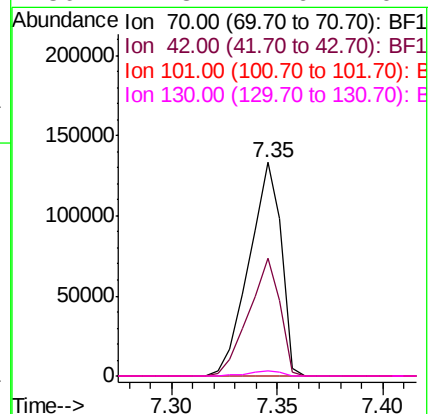
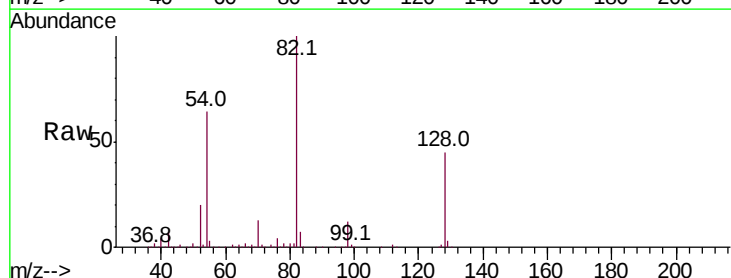
Ion Ratio Lower Upper

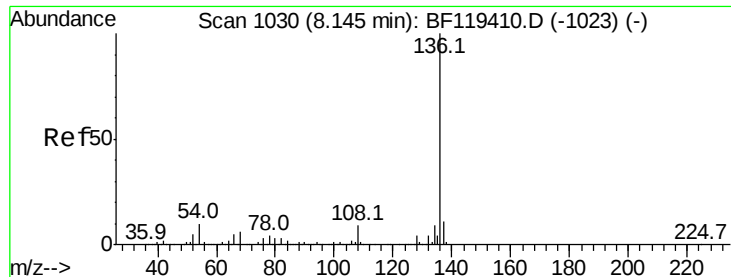
70 100

42 55.4 54.5 81.7

101 0.0 7.6 11.4#

130 2.3 17.6 26.4#

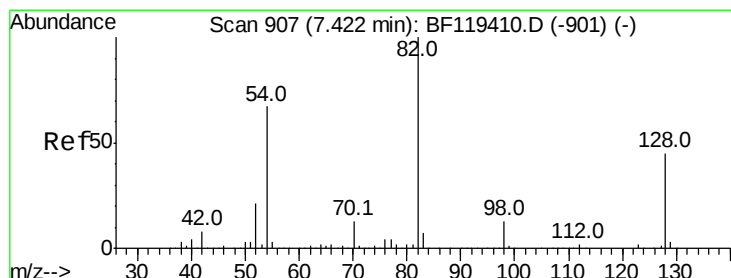
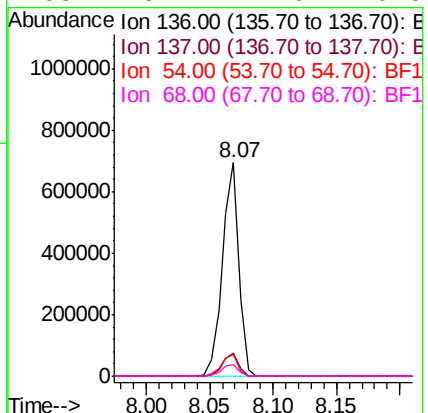
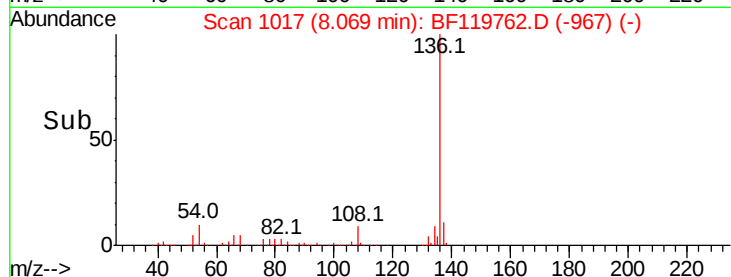
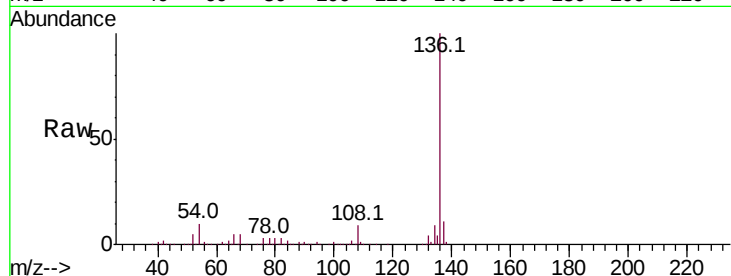




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119762.D
Acq: 6 Apr 2020 10:56

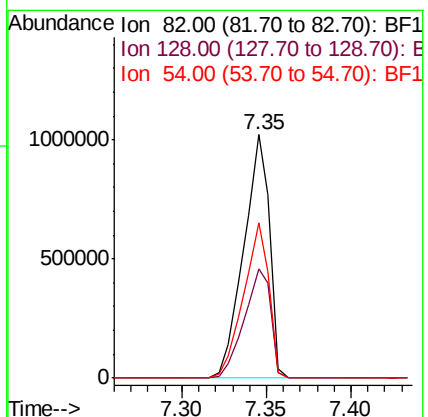
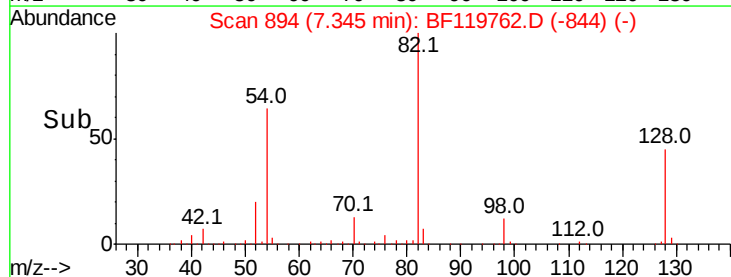
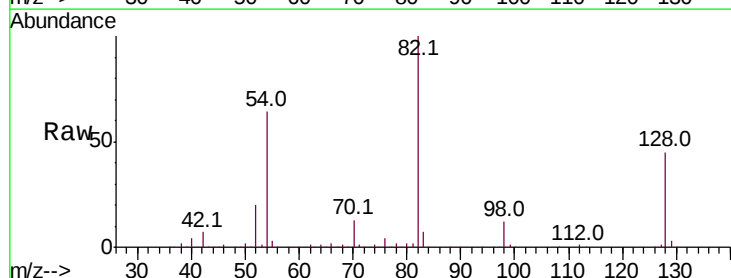
Instrument :
BNA_F
ClientSampleId :
PB127997BL

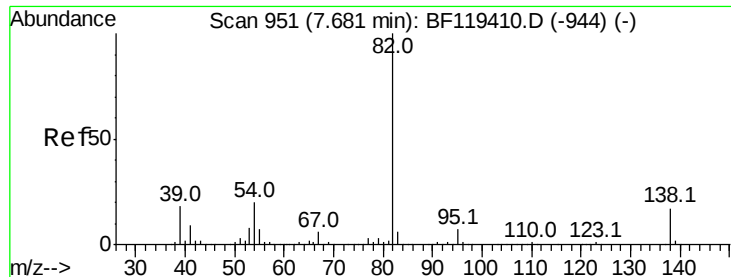
Tot Ion:136	Resp: 624291
Ion Ratio	Lower Upper
136 100	
137 10.6	8.7 13.1
54 10.0	9.1 13.7
68 5.4	4.6 6.8



#23
Nitrobenzene-d5
Concen: 94.711 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF119762.D
Acq: 6 Apr 2020 10:56

Tgt	Ion: 82	Resp: 1087937	
Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.3	54.5
54	63.7	50.6	75.8





#25

Isophorone

Concen: 46.587 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

Instrument :

BNA_F

ClientSampleId :

PB127997BL

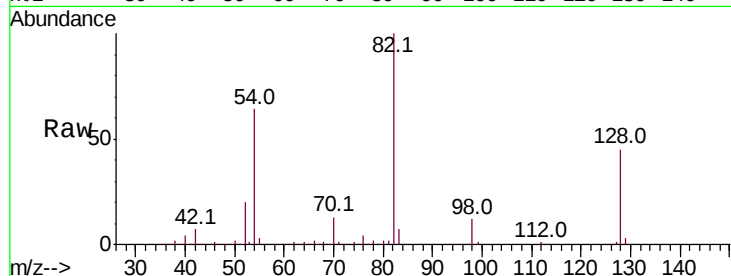
Tot Ion: 82 Resp: 1085549

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

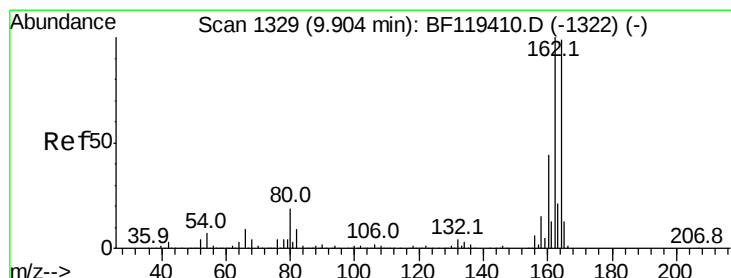
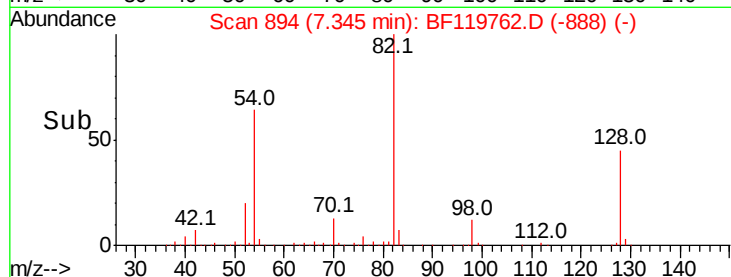
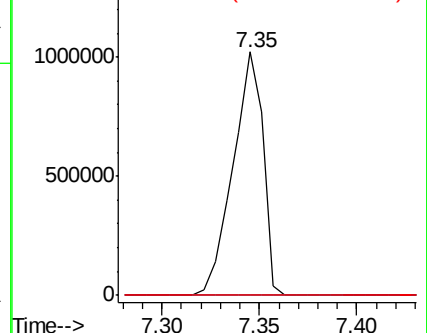
138 0.0 14.6 21.8#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

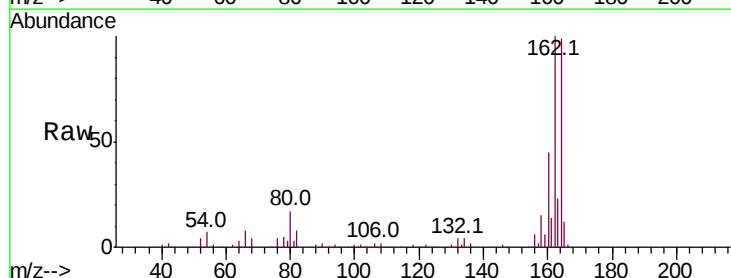
Tgt Ion:164 Resp: 342075

Ion Ratio Lower Upper

164 100

162 100.6 80.6 121.0

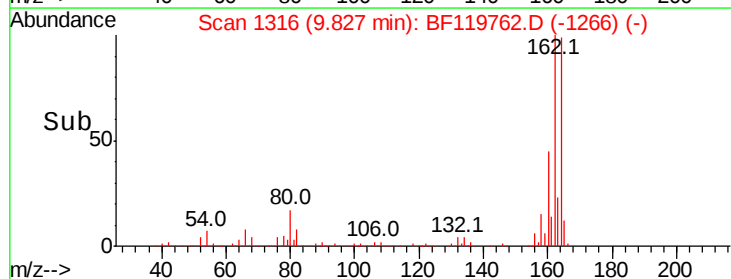
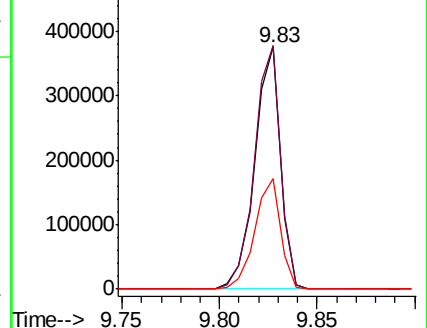
160 45.7 35.7 53.5

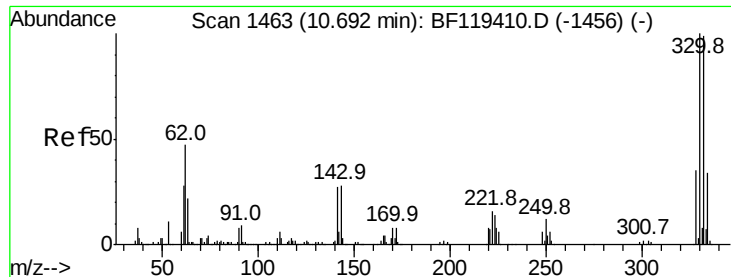


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

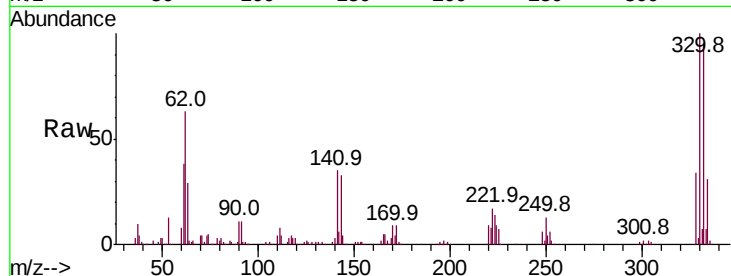




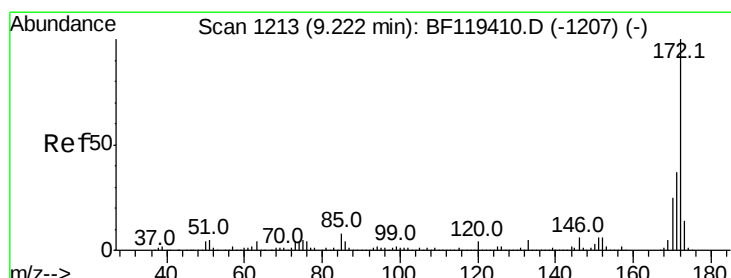
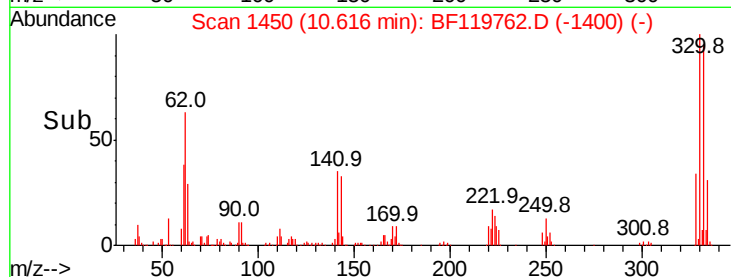
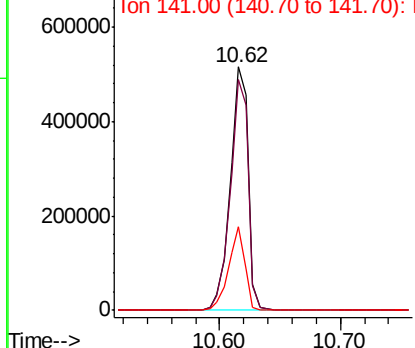
#42
 2,4,6-Tribromophenol
 Concen: 150.588 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.7	113.5
141	31.3	25.4	38.0

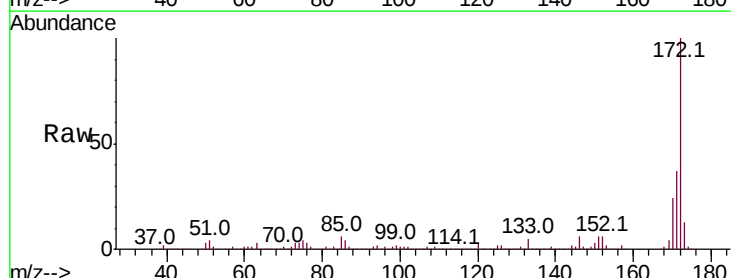


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

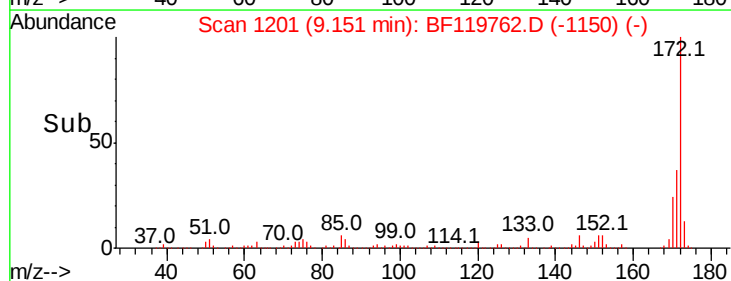
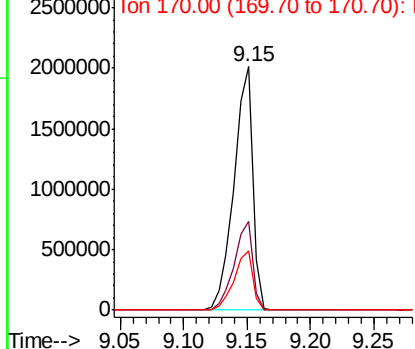


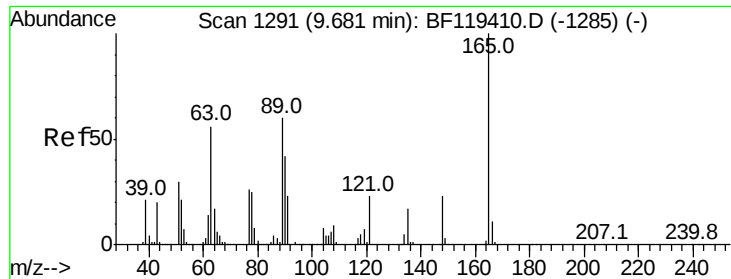
#45
 2-Fluorobiphenyl
 Concen: 88.371 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.4	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

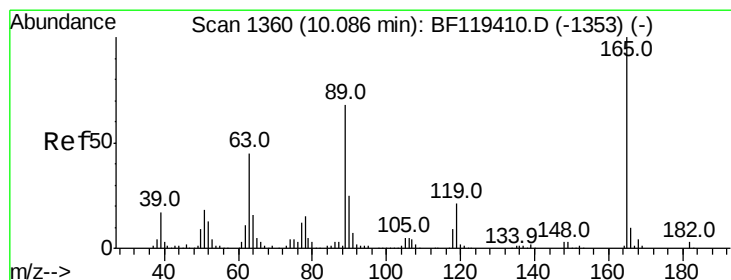
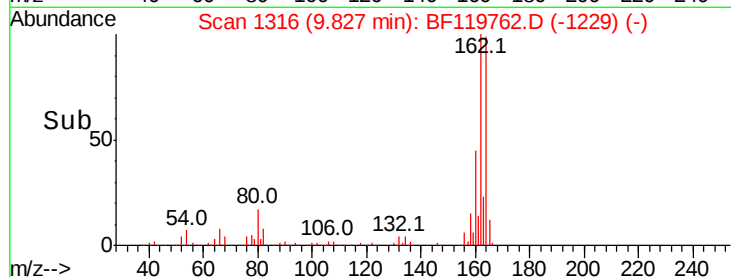
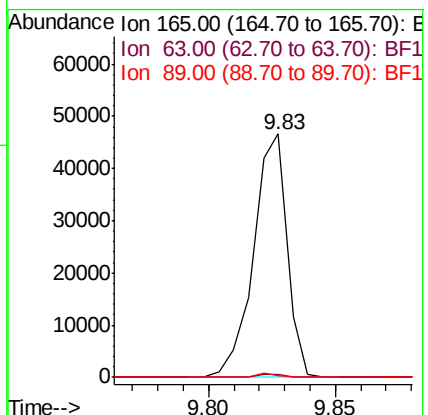
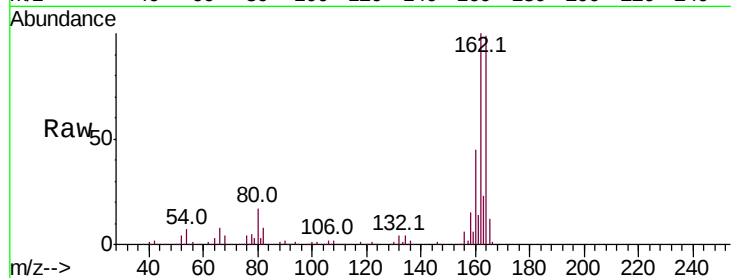




#51
 2,6-Dinitrotoluene
 Concen: 8.310 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.21 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

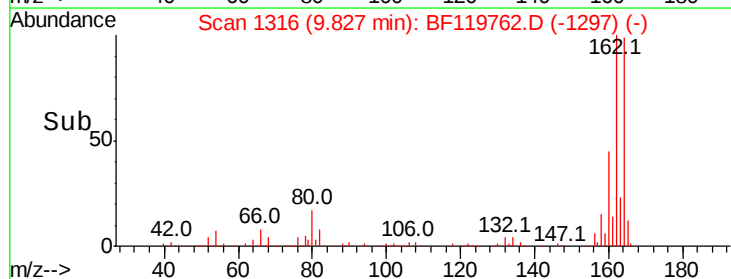
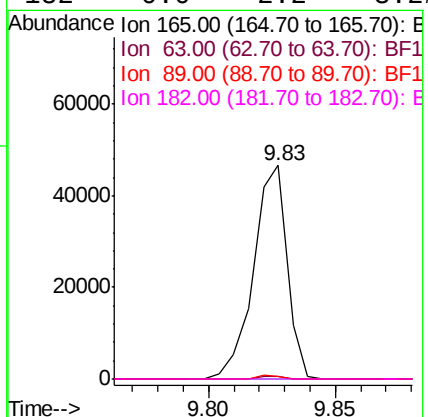
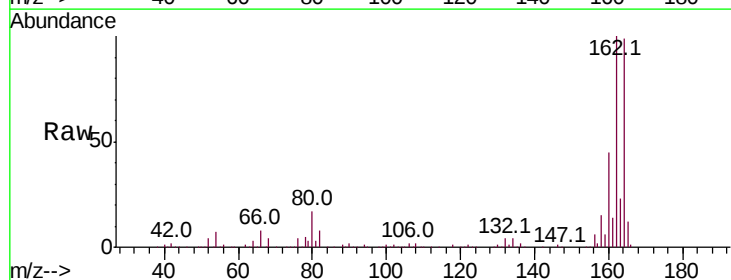
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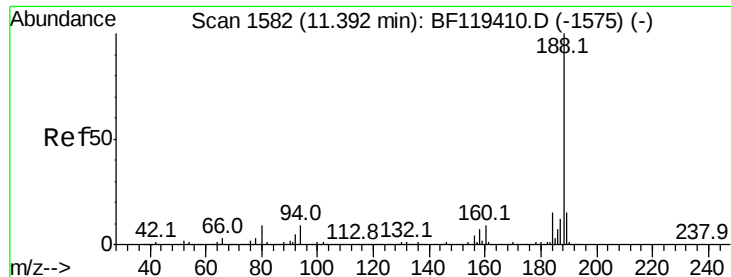
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	0.9	41.5	62.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.596 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.19 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	42.6	64.0#
89	0.9	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

Instrument :

BNA_F

ClientSampleId :

PB127997BL

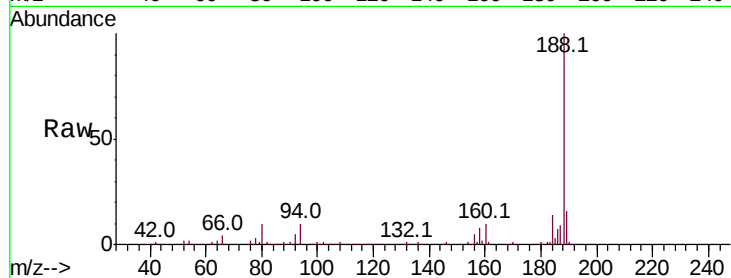
Tot Ion:188 Resp: 618177

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

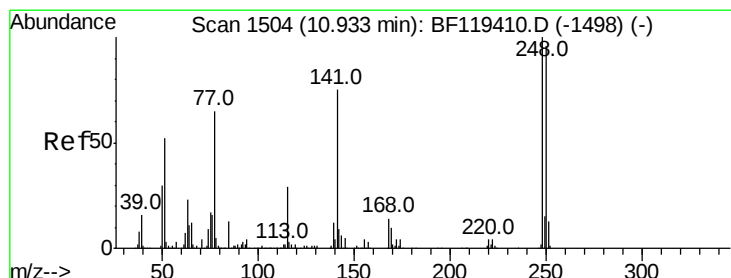
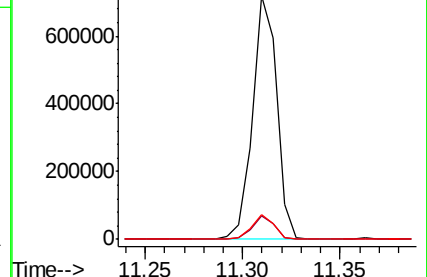
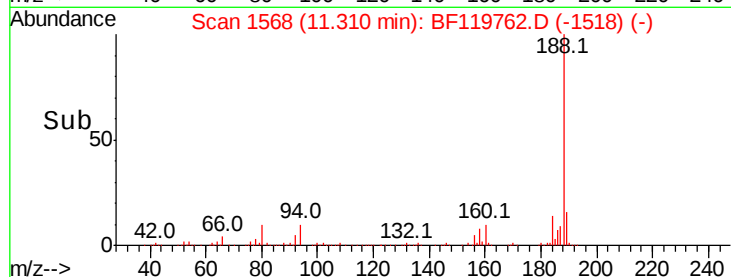
80 10.0 9.0 13.4



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: 4.626 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.25 min

Lab File: BF119762.D

Acq: 6 Apr 2020 10:56

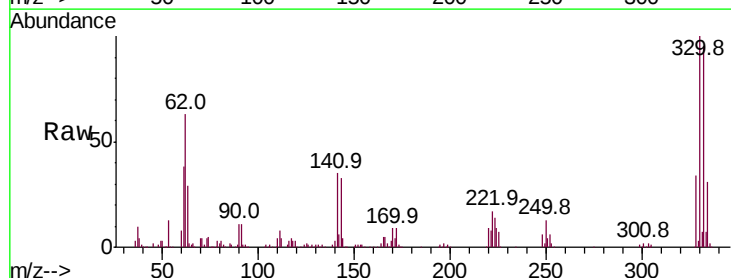
Tgt Ion:248 Resp: 32571

Ion Ratio Lower Upper

248 100

250 198.3 77.3 115.9#

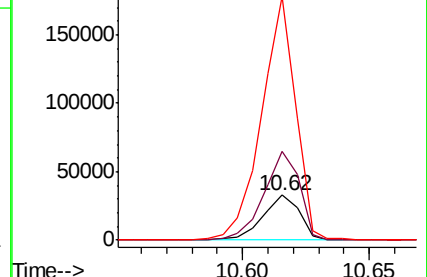
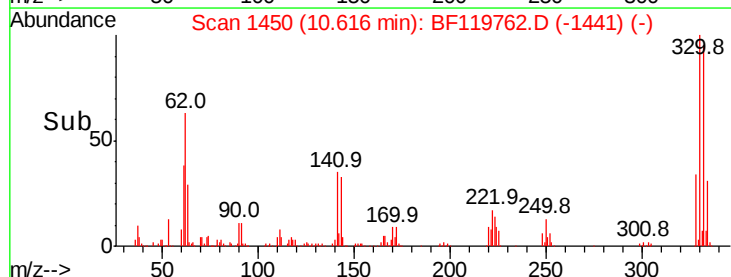
141 541.3 58.6 87.8#

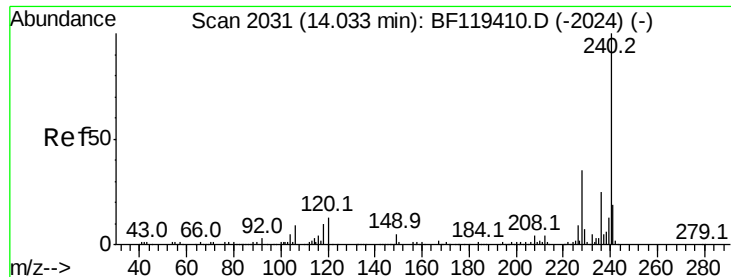


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

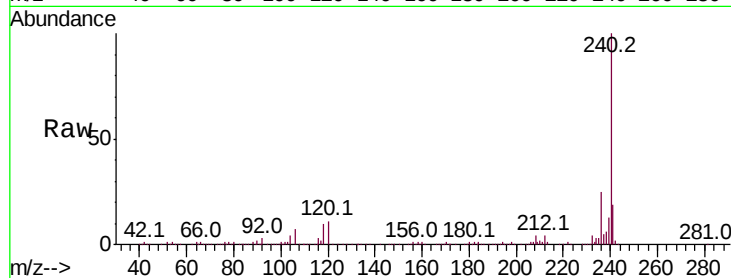




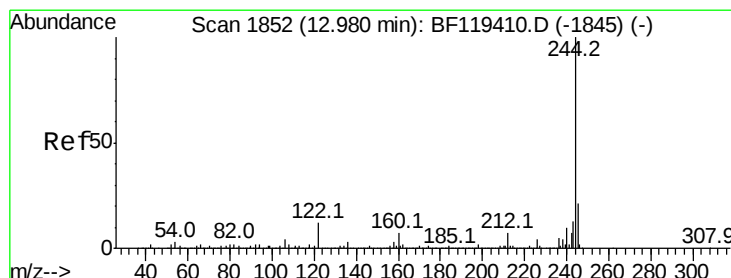
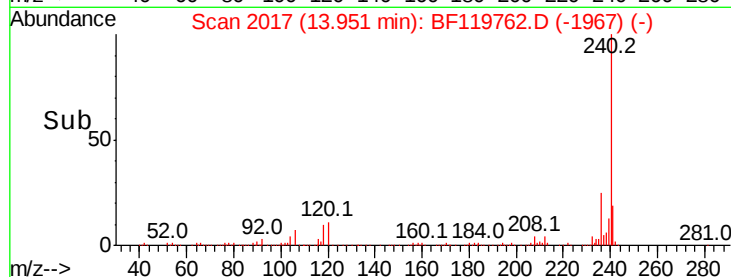
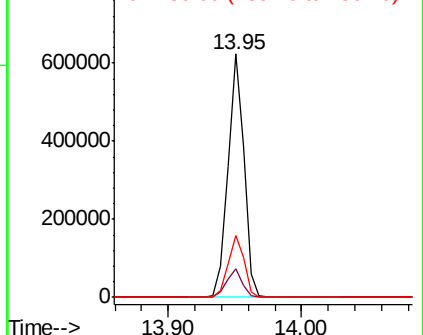
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BL

Tot Ion:240 Resp: 531385
 Ion Ratio Lower Upper
 240 100
 120 11.5 10.6 15.8
 236 25.2 20.2 30.2

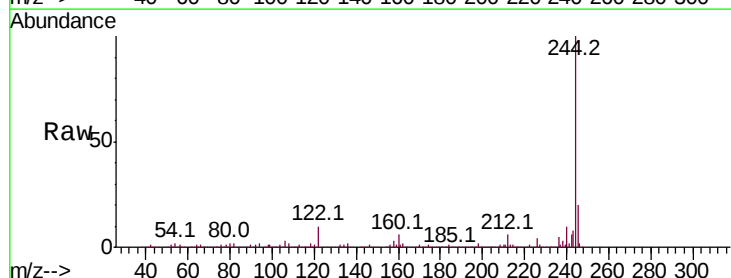


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

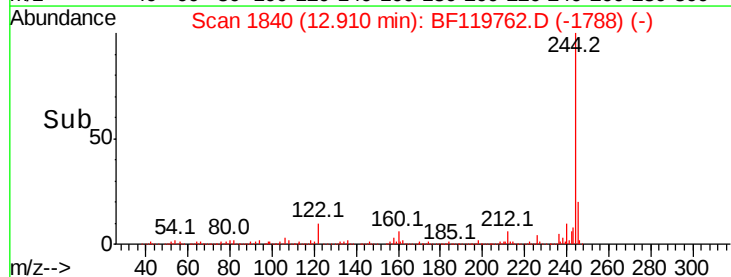
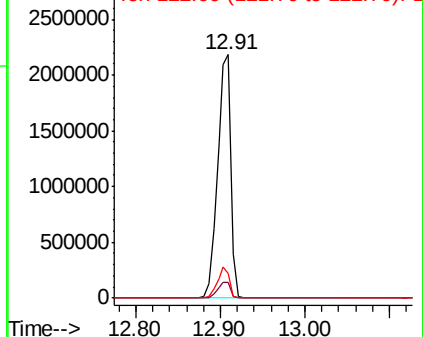


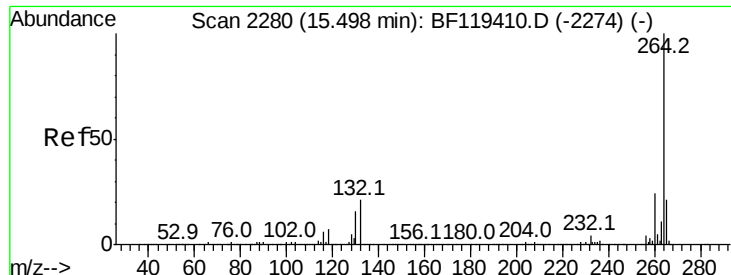
#79
 Terphenyl-d14
 Concen: 89.349 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Tgt Ion:244 Resp: 2423347
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.8
 122 10.4 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: 15.40 min Scan# 2263
 Delta R.T. -0.00 min
 Lab File: BF119762.D
 Acq: 6 Apr 2020 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB127997BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	17.7	26.5

