

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040120\
 Data File : BF119666.D
 Acq On : 1 Apr 2020 11:27
 Operator : MA/SJ
 Sample : PB127920BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BL

Quant Time: Apr 01 12:01:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

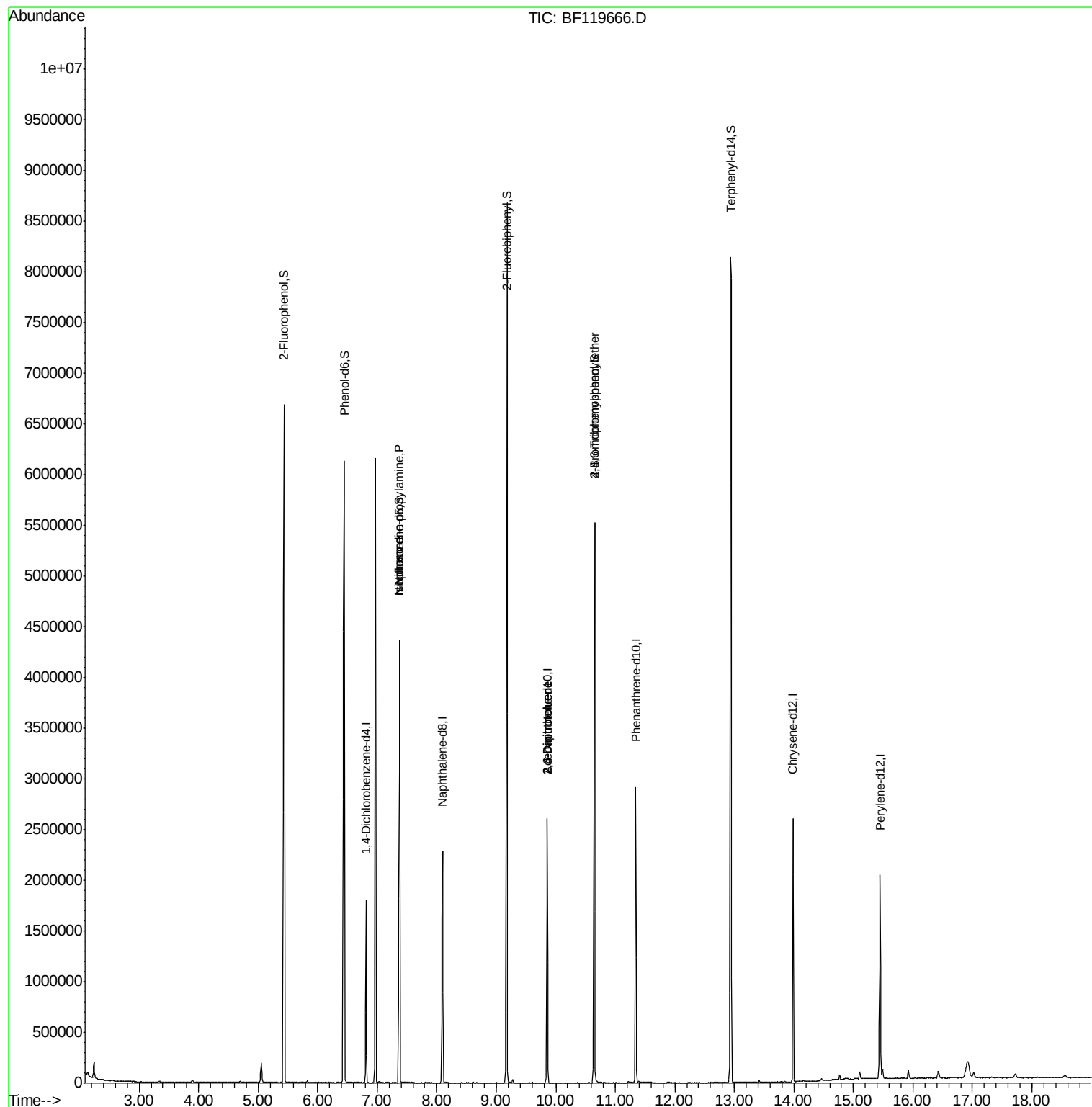
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	265629	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	990543	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	523858	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	1024799	20.00	ng	0.00
76) Chrysene-d12	13.99	240	870087	20.00	ng	-0.01
87) Perylene-d12	15.45	264	916839	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2133327	127.85	ng	0.02
7) Phenol-d6	6.45	99	2668634	125.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	1694925	93.00	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	792445	146.63	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	3034090	85.80	ng	0.00
79) Terphenyl-d14	12.94	244	3611840	81.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	222984	17.356	ng	# 73
25) Isophorone	7.37	82	1691046	45.739	ng	# 65
51) 2,6-Dinitrotoluene	9.86	165	67387	8.449	ng	# 26
57) 2,4-Dinitrotoluene	9.86	165	67387	6.707	ng	# 20
67) 4-Bromophenyl-phenylether	10.65	248	46209	3.959	ng	# 1

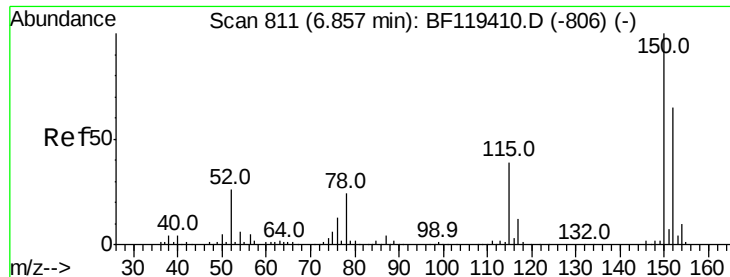
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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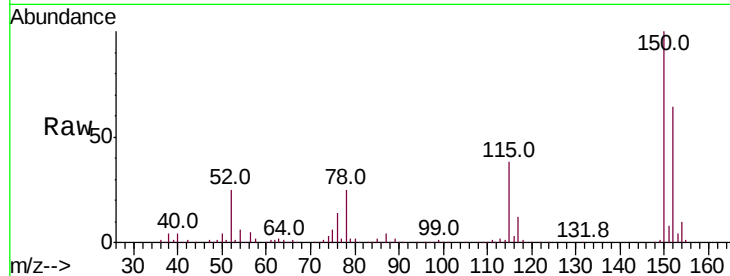


#1

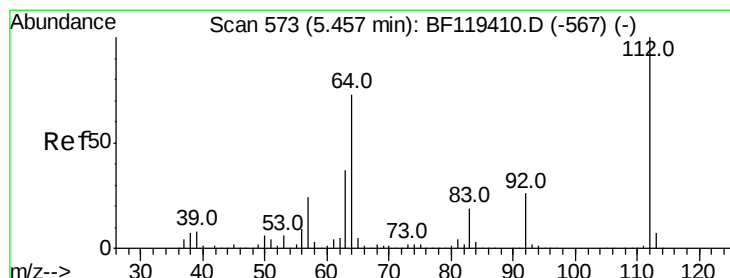
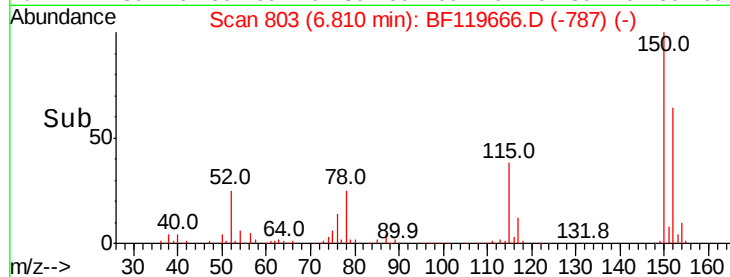
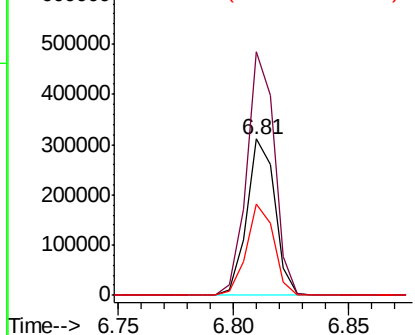
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Instrument :
BNA_F
ClientSampleId :
PB127920BL

Tot Ion:152 Resp: 265629
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 58.5 49.6 74.4



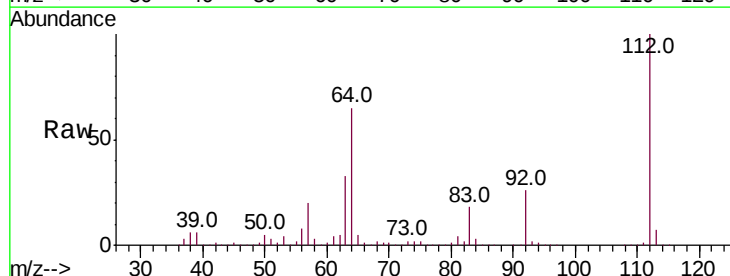
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



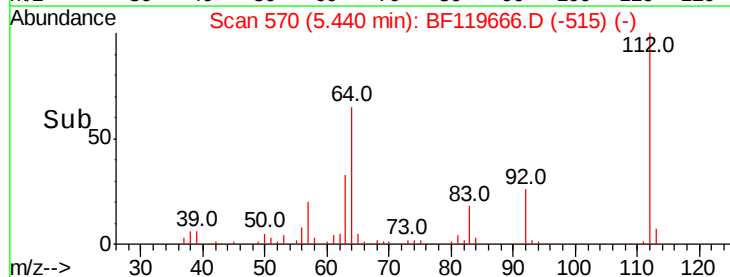
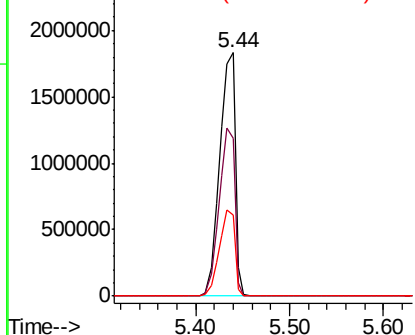
#5

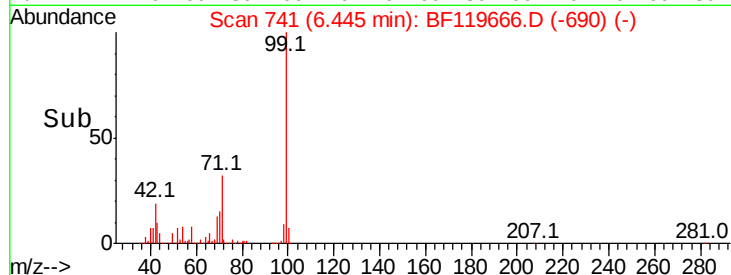
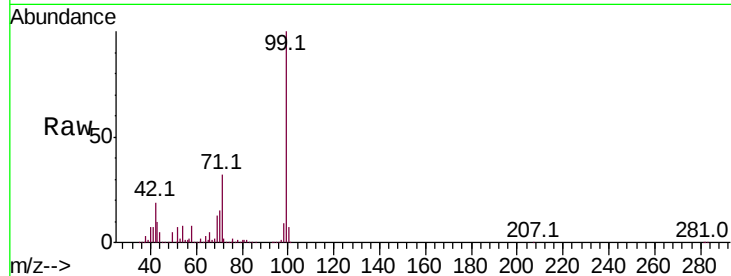
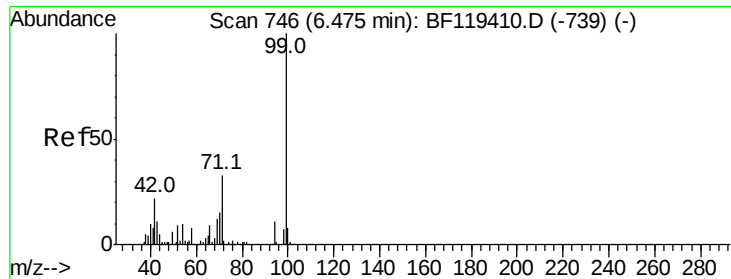
2-Fluorophenol
Concen: 127.850 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Tgt Ion:112 Resp: 2133327
Ion Ratio Lower Upper
112 100
64 64.9 56.7 85.1
63 33.4 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: 125.197 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

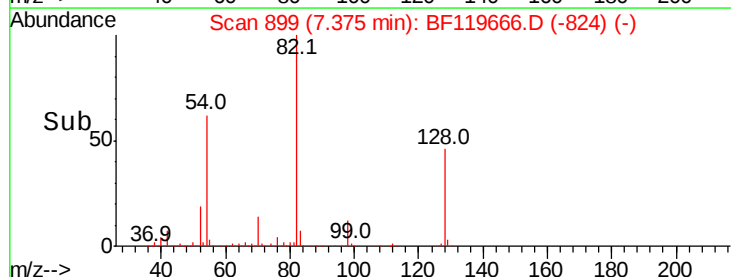
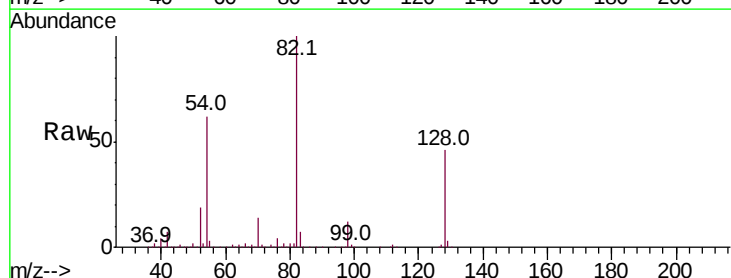
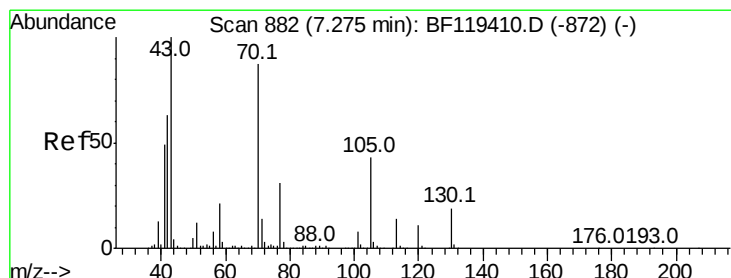
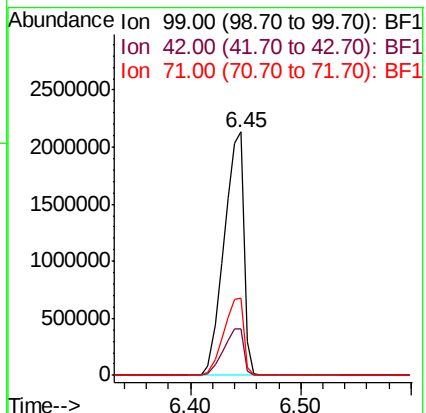
Tot Ion: 99 Resp: 2668634

Ion Ratio Lower Upper

99 100

42 19.0 16.6 24.8

71 31.9 26.4 39.6



#19

n-Nitroso-di-n-propylamine

Concen: 17.356 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Tgt Ion: 70 Resp: 222984

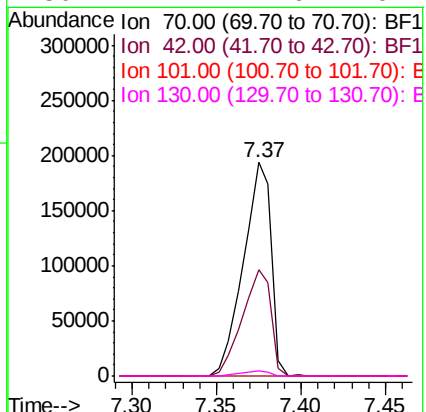
Ion Ratio Lower Upper

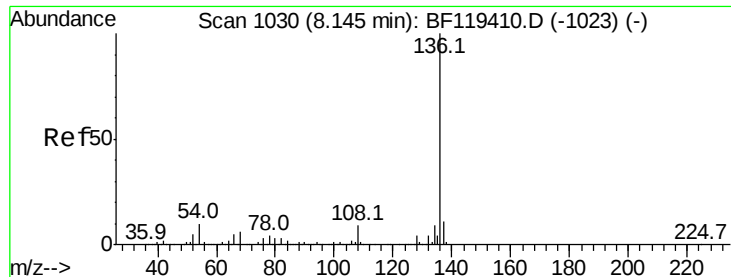
70 100

42 49.5 54.5 81.7#

101 0.0 7.6 11.4#

130 2.1 17.6 26.4#

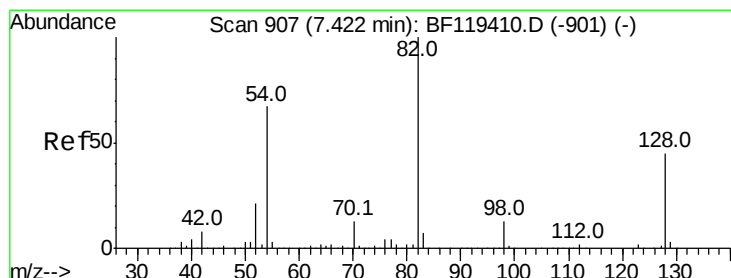
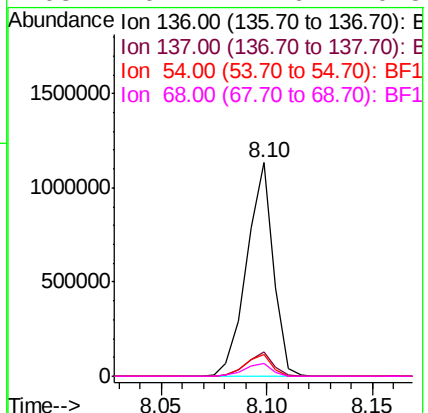
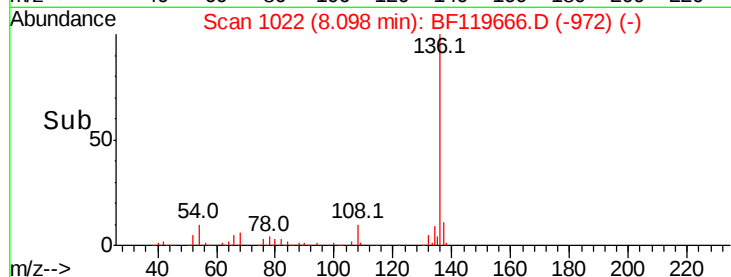
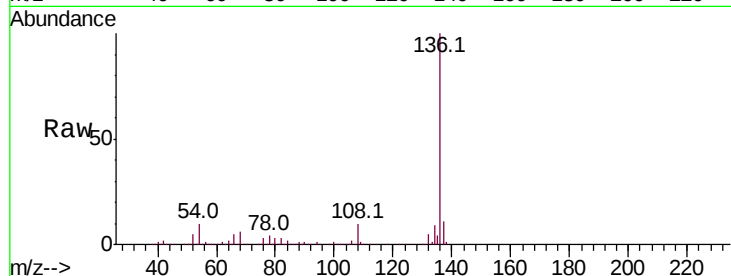




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

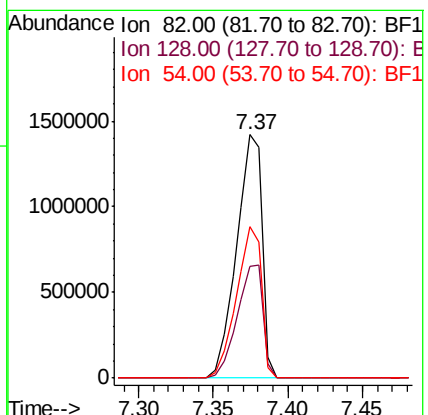
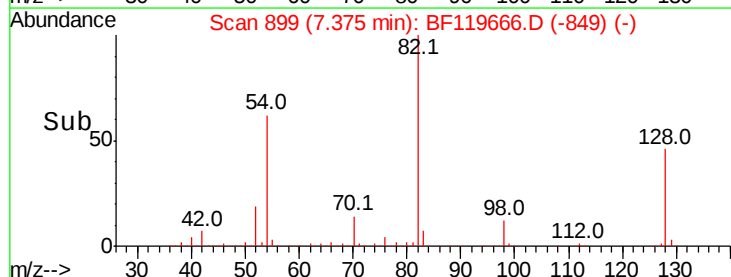
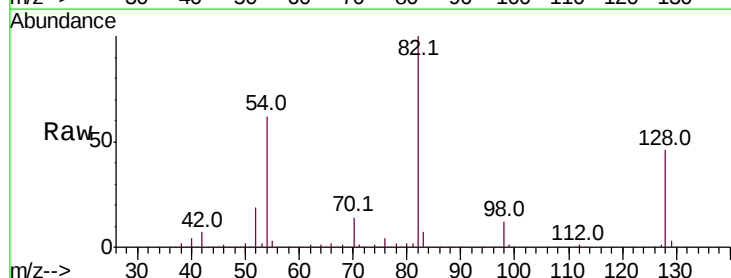
Instrument :
BNA_F
ClientSampleId :
PB127920BL

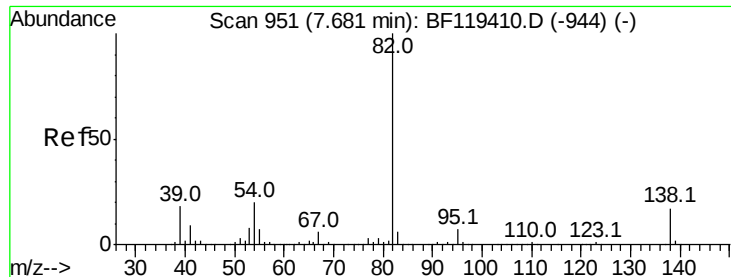
Tot Ion:136	Resp:	990543
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.7 13.1
54	10.2	9.1 13.7
68	6.2	4.6 6.8



#23
Nitrobenzene-d5
Concen: 92.995 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Tgt Ion: 82	Resp: 1694925
Ion Ratio	Lower Upper
82 100	
128 45.9	36.3 54.5
54 62.3	50.6 75.8





#25

Isophorone

Concen: 45.739 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

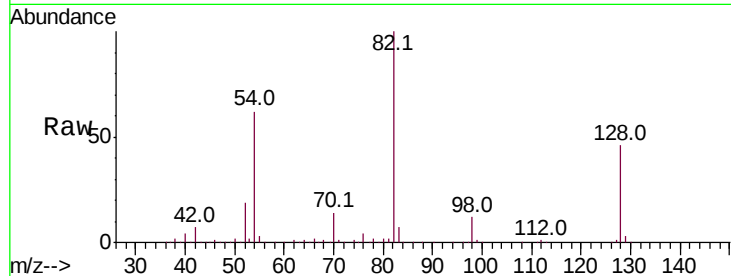
Tot Ion: 82 Resp: 1691046

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

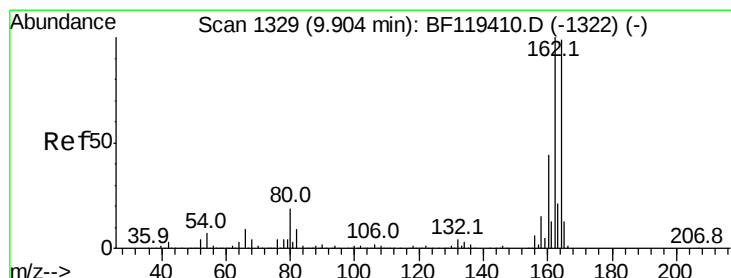
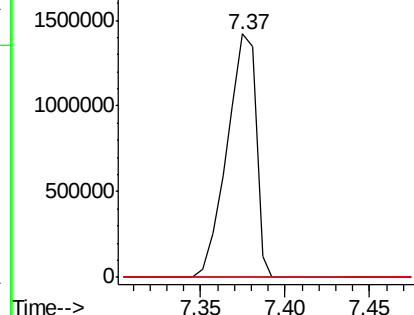
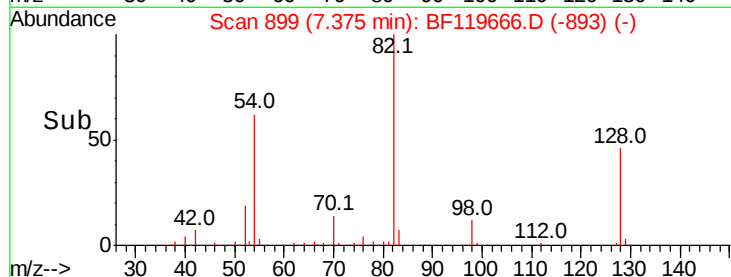
138 0.0 14.6 21.8#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

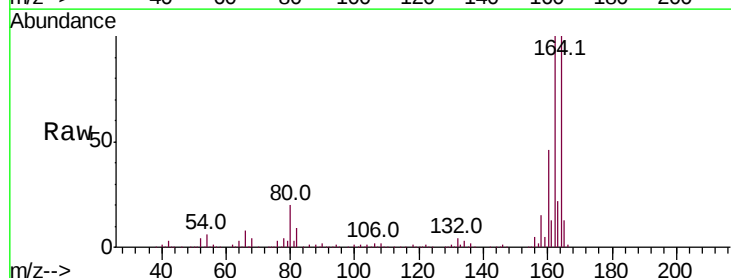
Tgt Ion:164 Resp: 523858

Ion Ratio Lower Upper

164 100

162 99.7 80.6 121.0

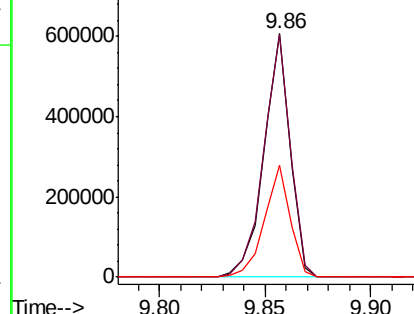
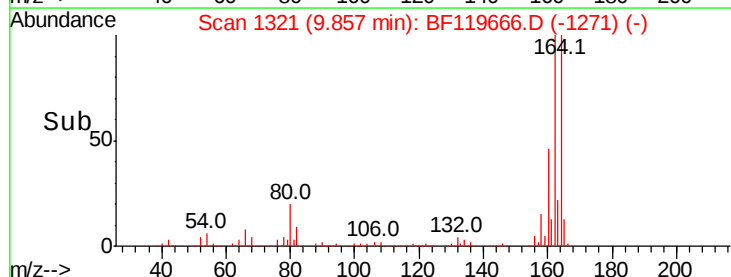
160 45.8 35.7 53.5

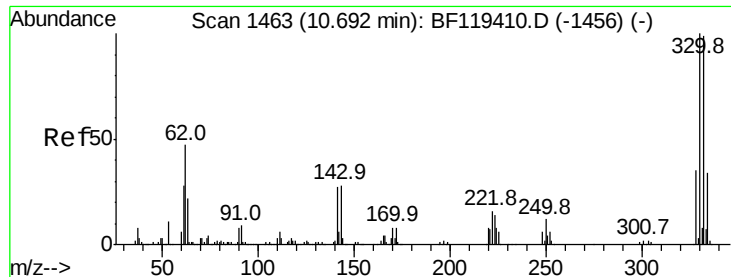


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

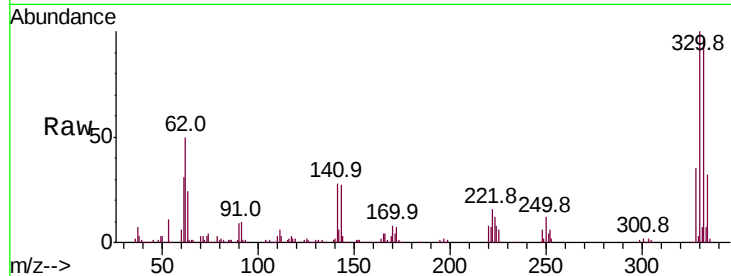




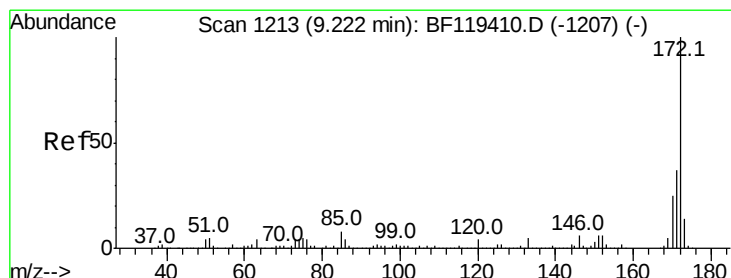
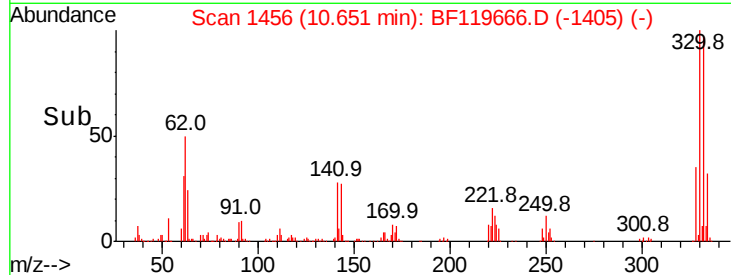
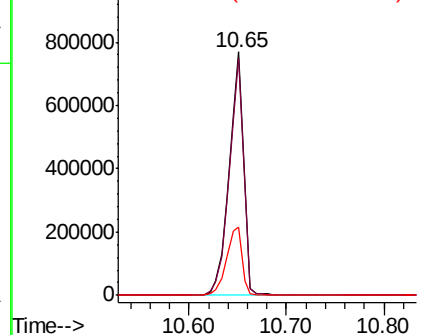
#42
 2,4,6-Tribromophenol
 Concen: 146.628 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

Instrument :
 BNA_F
 ClientSampleId :
 PB127920BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.7	113.5
141	30.3	25.4	38.0

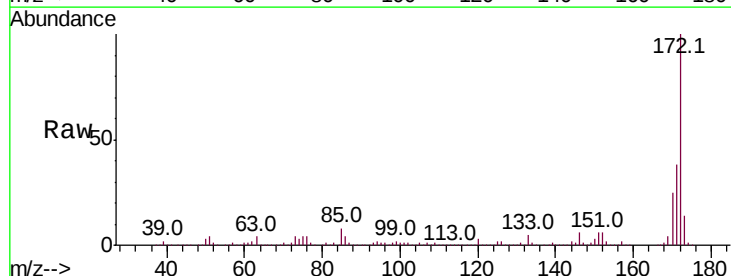


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

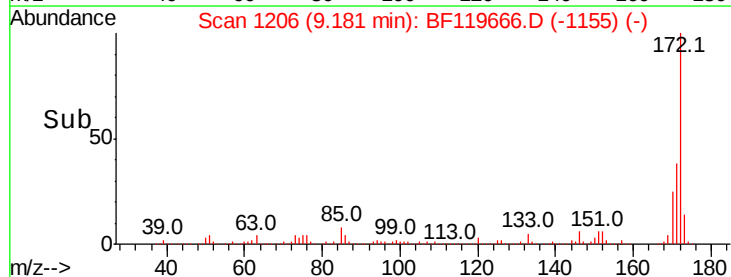
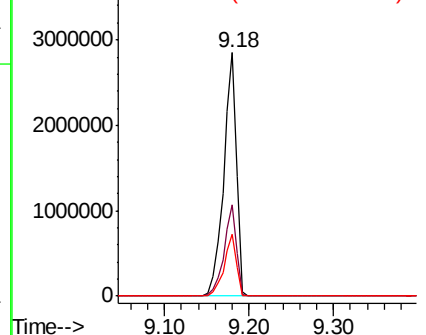


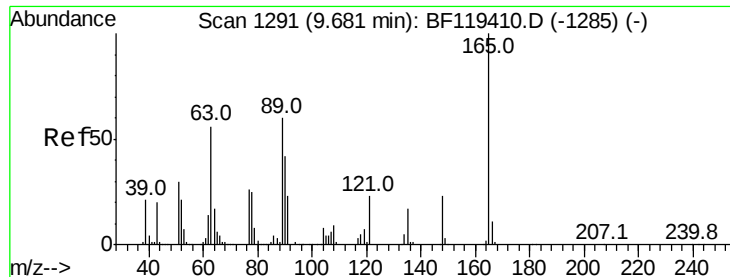
#45
 2-Fluorobiphenyl
 Concen: 85.804 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BF119666.D
 Acq: 1 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.6	44.4
170	25.4	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

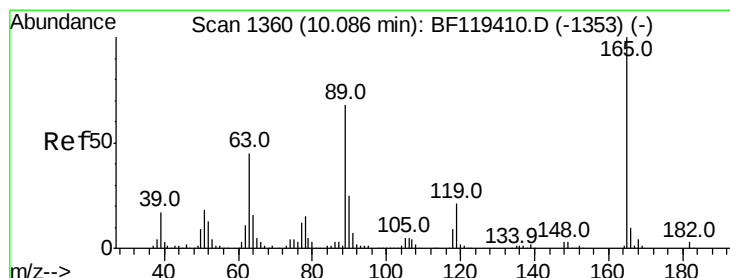
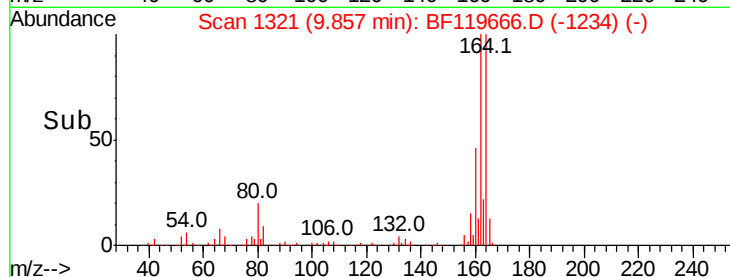
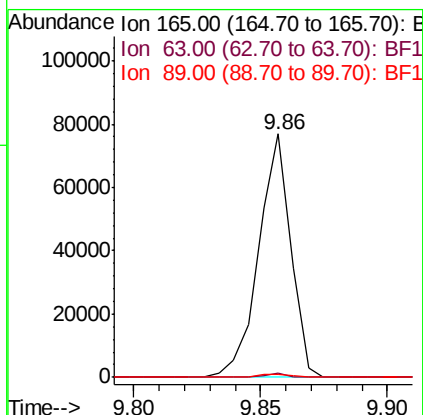
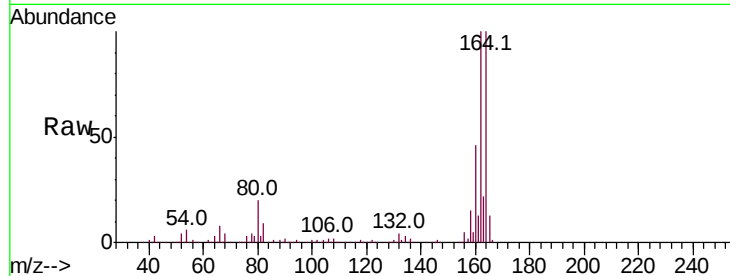




#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.21 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

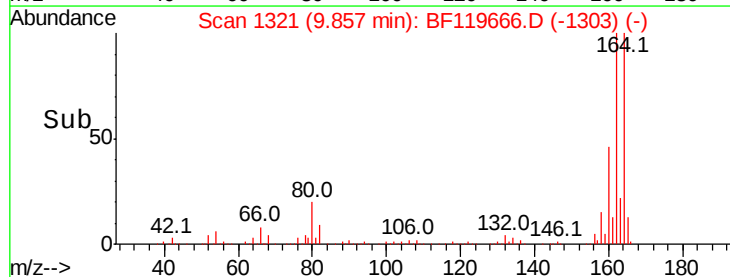
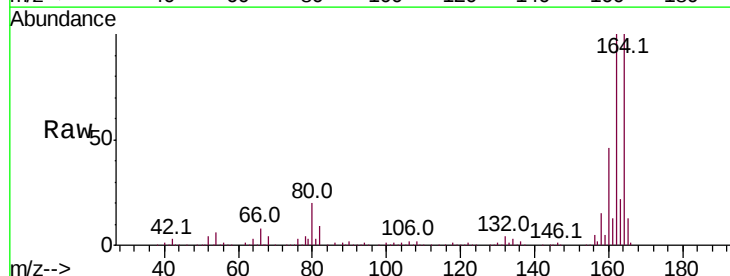
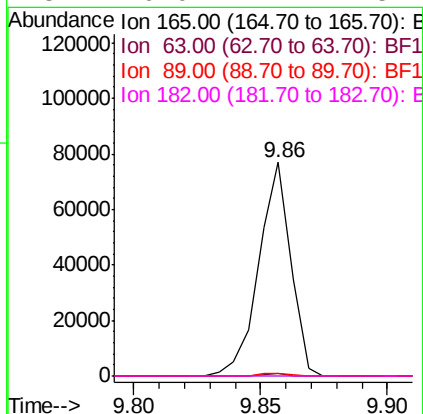
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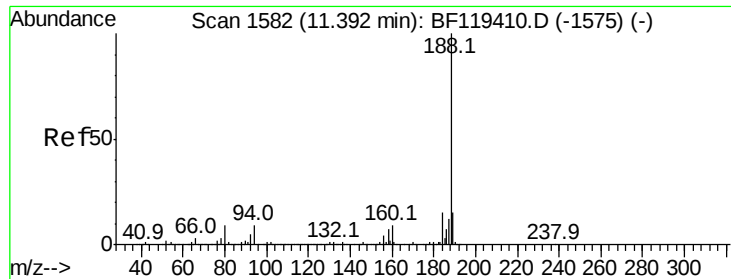
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	45.0	67.4#
89	1.2	41.5	62.3#



#57
2,4-Dinitrotoluene
Concen: 6.707 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.19 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	42.6	64.0#
89	1.2	61.0	91.4#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

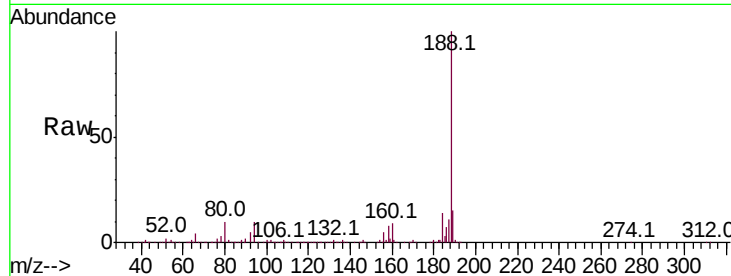
Tot Ion:188 Resp: 1024799

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

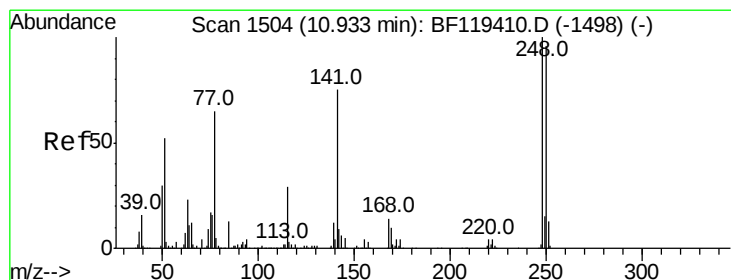
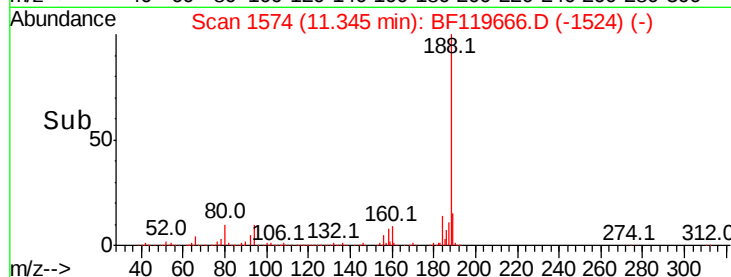
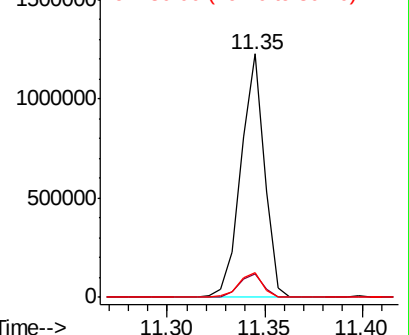
80 10.1 9.0 13.4



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: 3.959 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.24 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

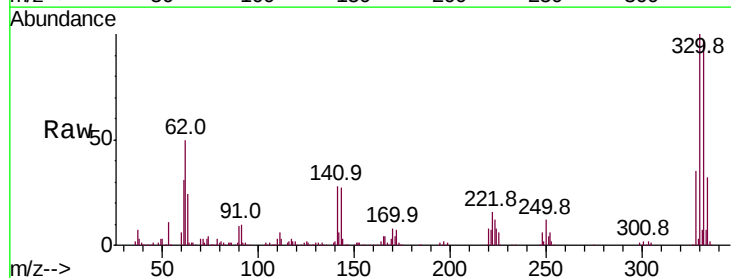
Tgt Ion:248 Resp: 46209

Ion Ratio Lower Upper

248 100

250 208.9 77.3 115.9#

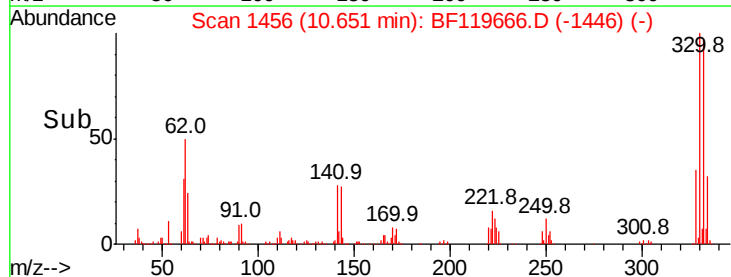
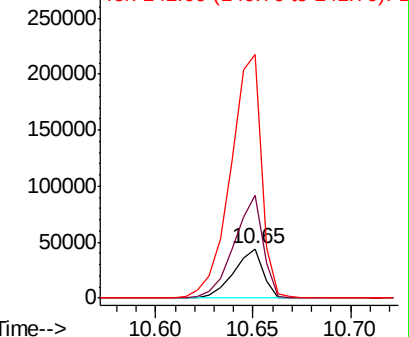
141 496.4 58.6 87.8#

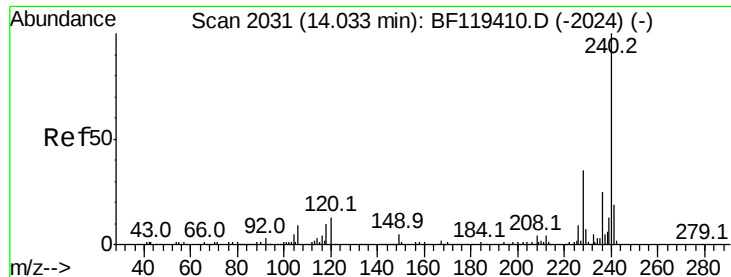


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.99 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

Instrument :

BNA_F

ClientSampleId :

PB127920BL

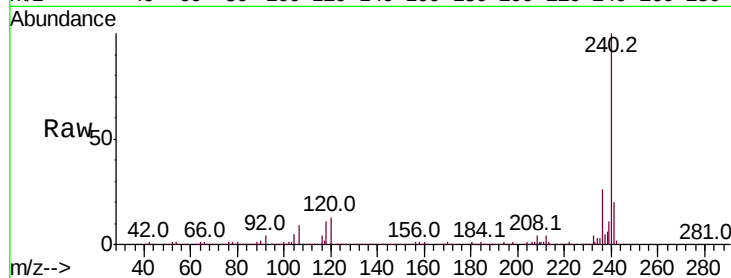
Tot Ion:240 Resp: 870087

Ion Ratio Lower Upper

240 100

120 13.2 10.6 15.8

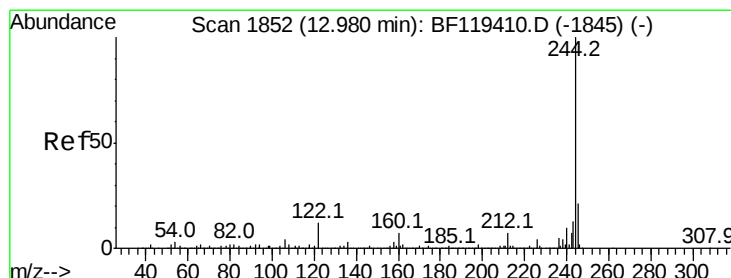
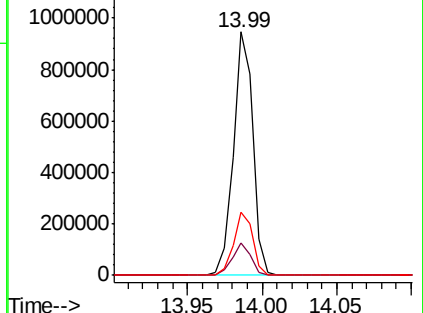
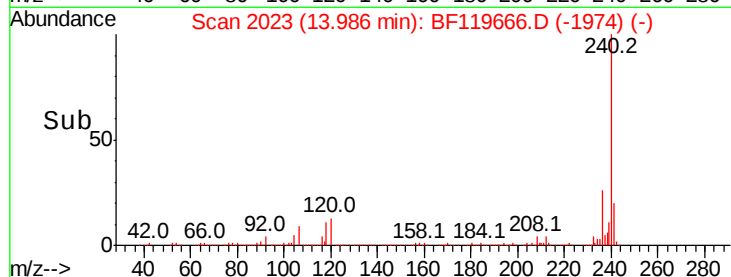
236 25.9 20.2 30.2



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: 81.329 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF119666.D

Acq: 1 Apr 2020 11:27

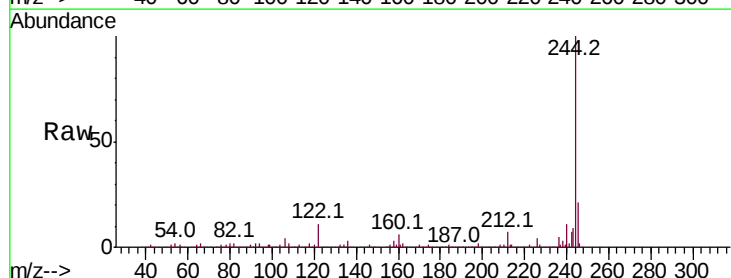
Tgt Ion:244 Resp: 3611840

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

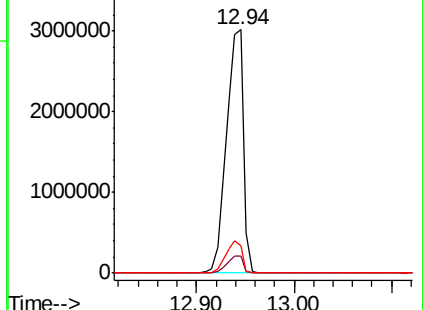
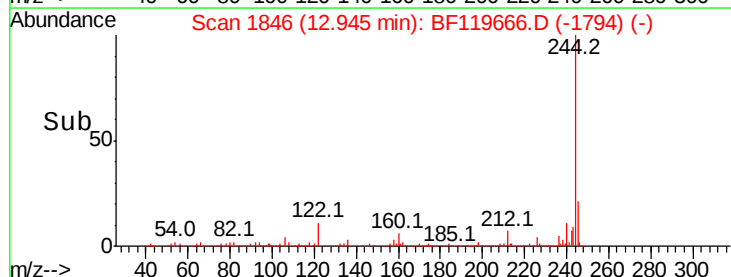
122 11.3 10.3 15.5

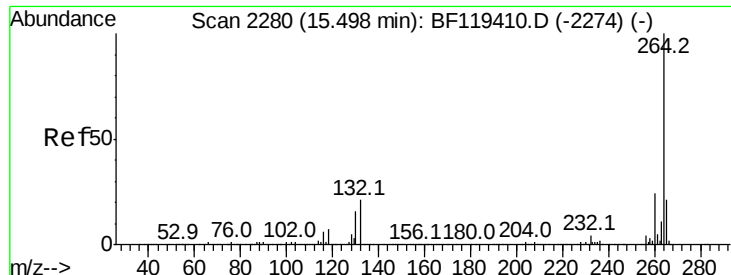


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



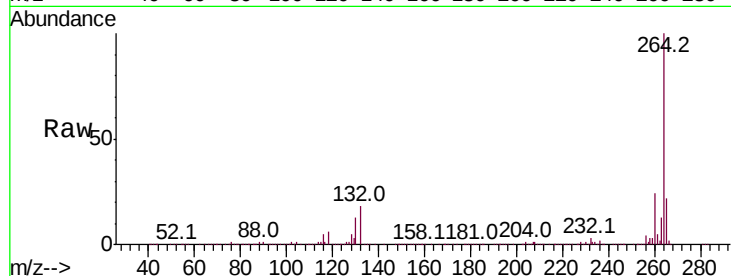


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.00 min
Lab File: BF119666.D
Acq: 1 Apr 2020 11:27

Instrument :
BNA_F
ClientSampleId :
PB127920BL

Tot Ion: 264 Resp: 916839

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	22.1	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

