

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119505.D
 Acq On : 25 Mar 2020 15:04
 Operator : CG/JU
 Sample : PB127799BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BL

Quant Time: Mar 25 17:35:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 25 14:07:20 2020
 Response via : Initial Calibration

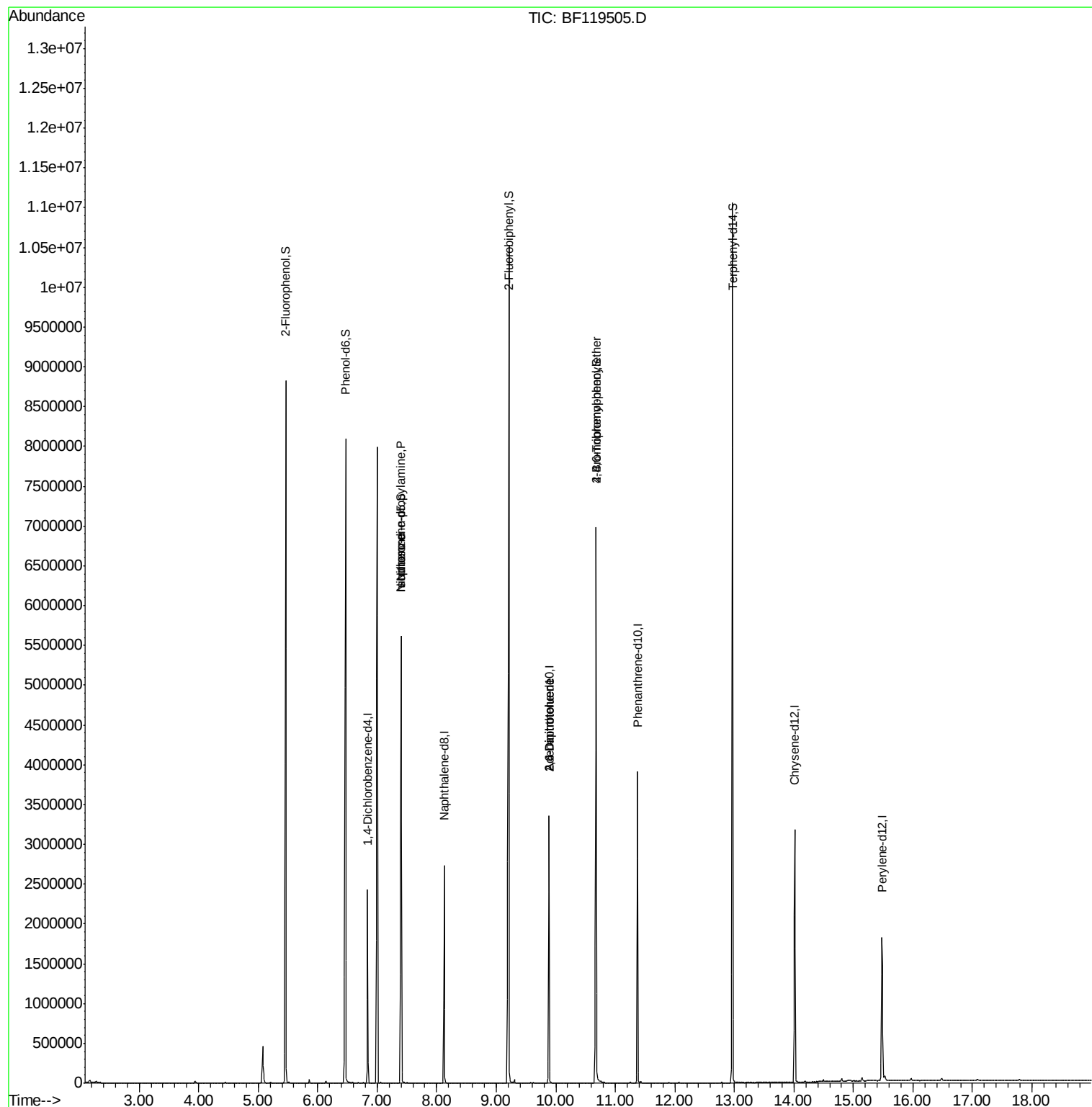
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	332272	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1275188	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	679028	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1339111	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1054271	20.00	ng	-0.01
87) Perylene-d12	15.48	264	859884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2531447	121.28	ng	0.01
7) Phenol-d6	6.47	99	3129666	117.38	ng	0.00
23) Nitrobenzene-d5	7.40	82	2037897	86.85	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	974183	139.06	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3773310	82.32	ng	0.00
79) Terphenyl-d14	12.97	244	4562856	84.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	269453	16.766	ng	# 74
25) Isophorone	7.40	82	1995039	41.916	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	87768	8.490	ng	# 18
57) 2,4-Dinitrotoluene	9.89	165	87768	6.739	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	60226	3.949	ng	# 1

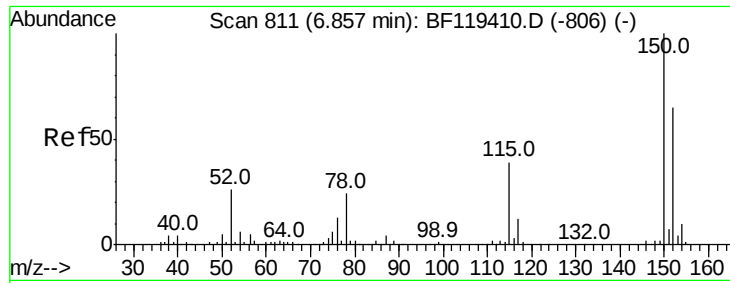
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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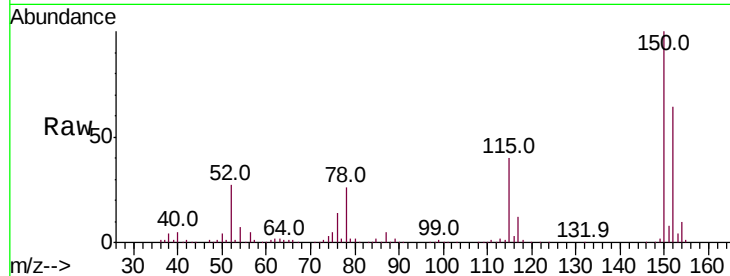


#1

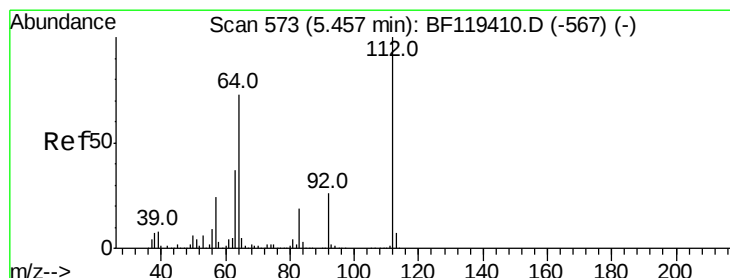
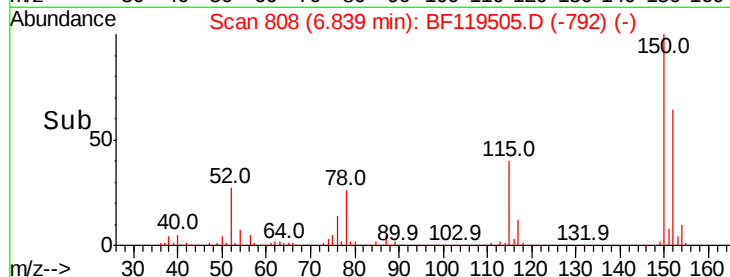
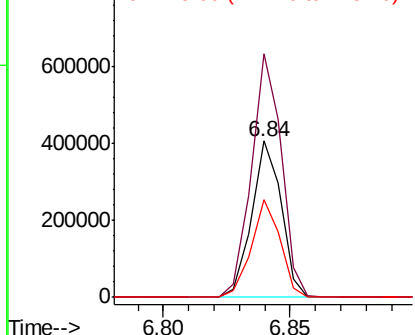
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF119505.D
Acq: 25 Mar 2020 15:04

Instrument :
BNA_F
ClientSampleId :
PB127799BL

Tot Ion:152 Resp: 332272
Ion Ratio Lower Upper
152 100
150 155.9 123.9 185.9
115 62.4 47.8 71.6



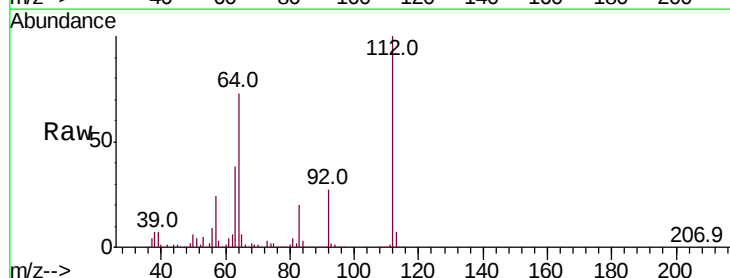
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



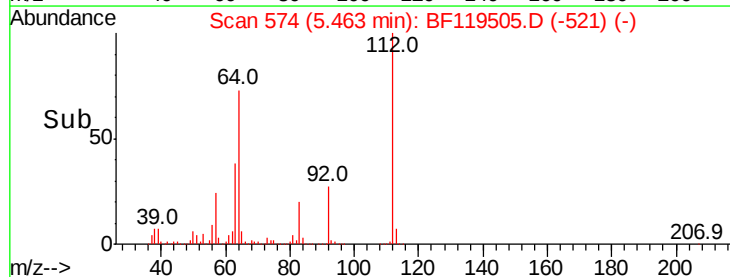
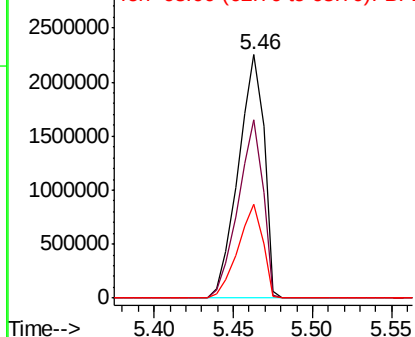
#5

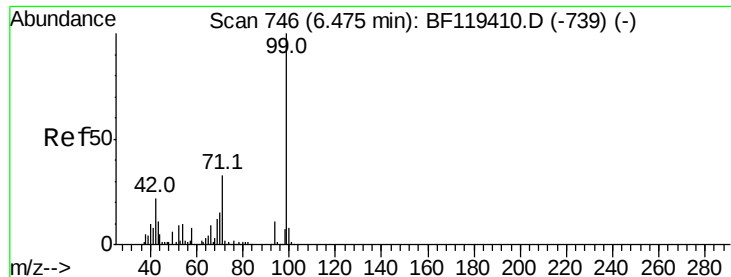
2-Fluorophenol
Concen: 121.281 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119505.D
Acq: 25 Mar 2020 15:04

Tgt Ion:112 Resp: 2531447
Ion Ratio Lower Upper
112 100
64 73.2 58.1 87.1
63 38.5 29.7 44.5



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: 117.377 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB127799BL

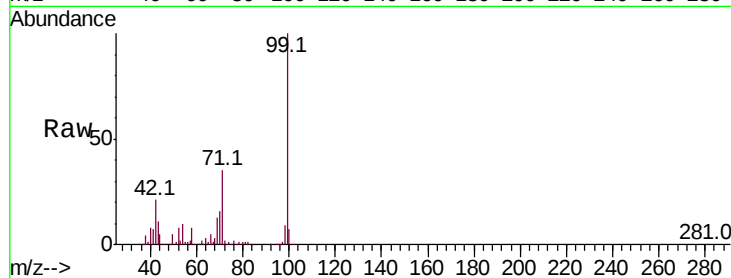
Tot Ion: 99 Resp: 3129666

Ion Ratio Lower Upper

99 100

42 21.2 17.8 26.6

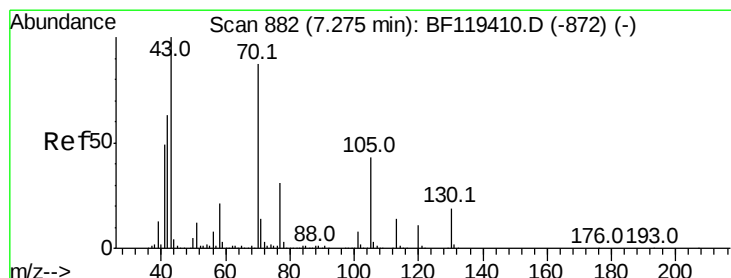
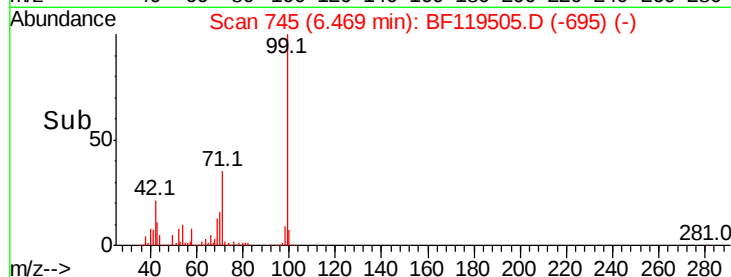
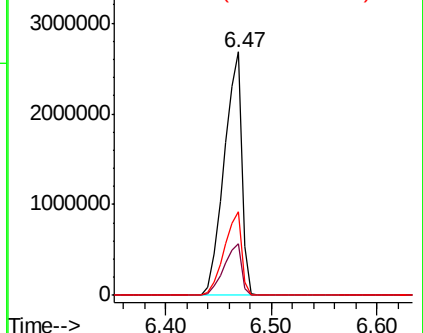
71 34.6 26.0 39.0



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: 16.766 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Tgt Ion: 70 Resp: 269453

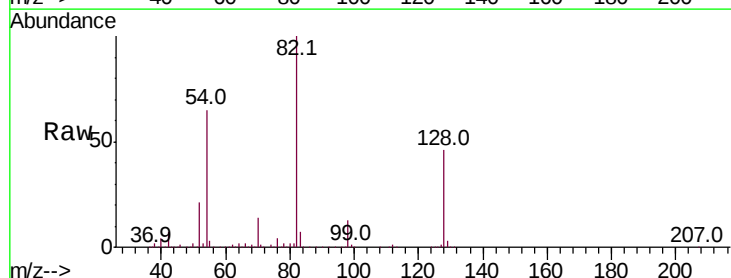
Ion Ratio Lower Upper

70 100

42 54.8 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#

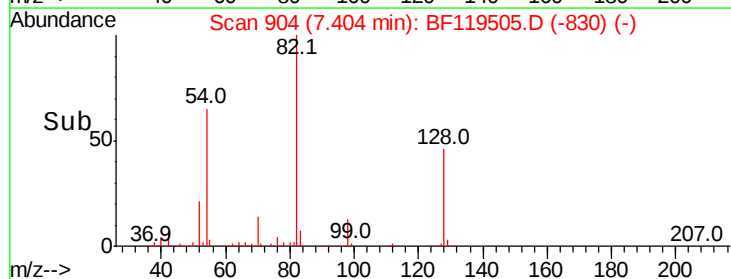
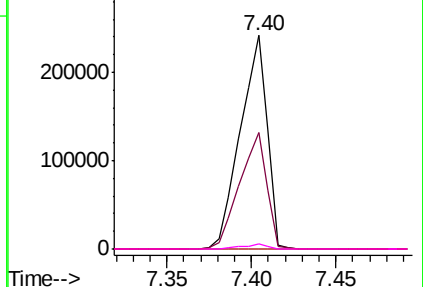


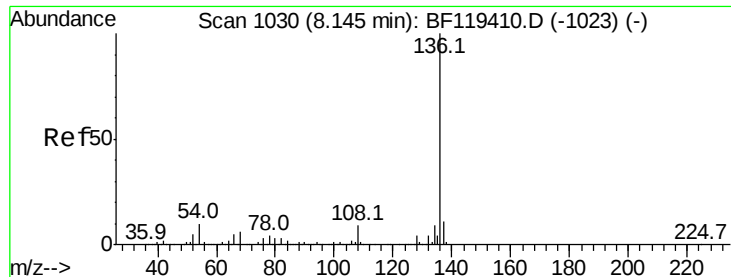
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB127799BL

Tot Ion:136 Resp: 1275188

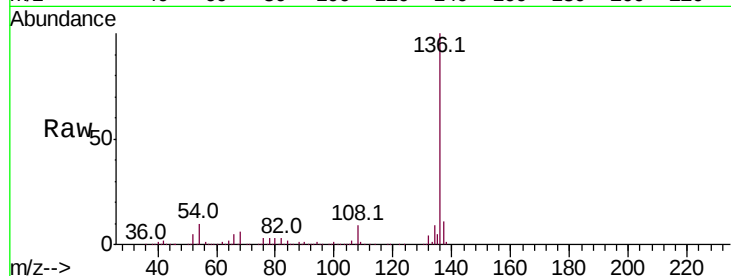
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 9.9 8.3 12.5

68 5.6 4.9 7.3

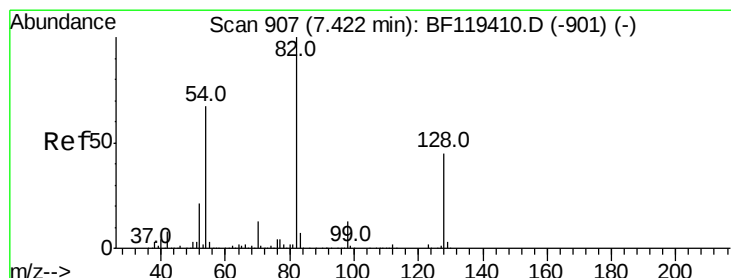
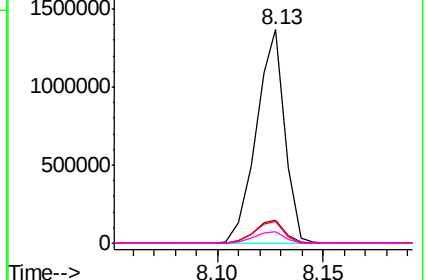
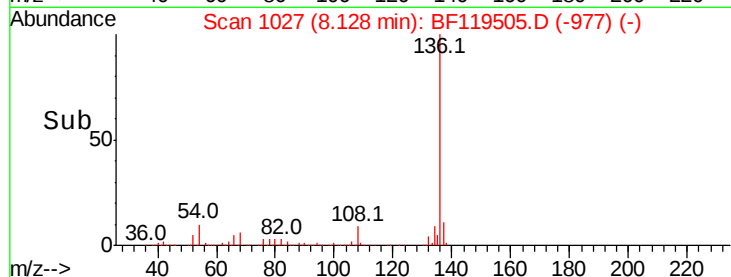


Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.854 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

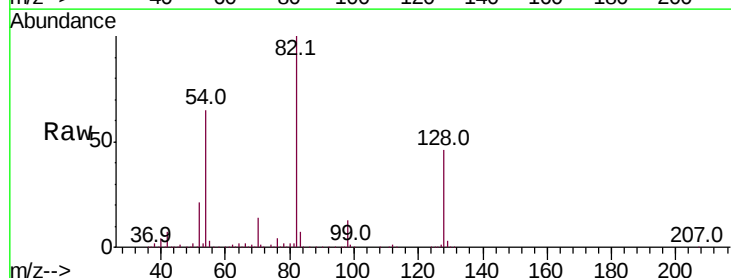
Tgt Ion: 82 Resp: 2037897

Ion Ratio Lower Upper

82 100

128 45.6 35.8 53.8

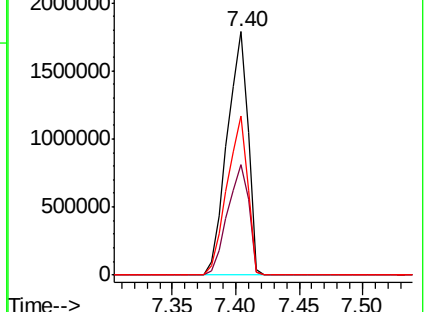
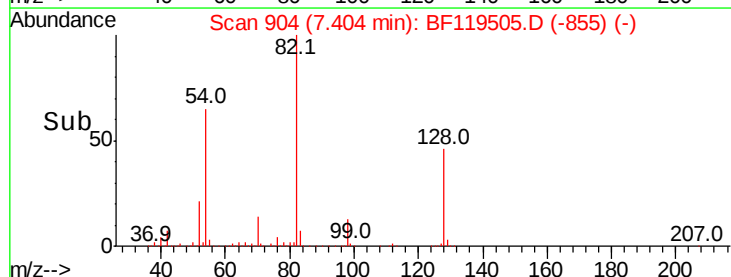
54 65.4 53.4 80.0

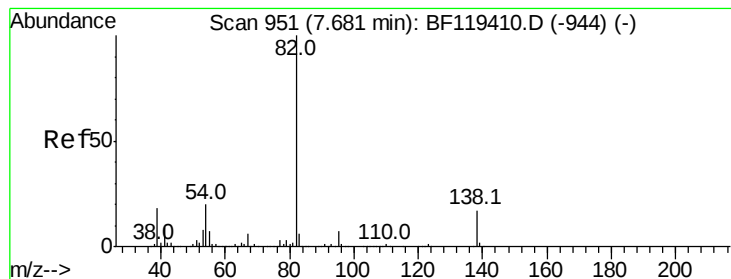


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 41.916 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB127799BL

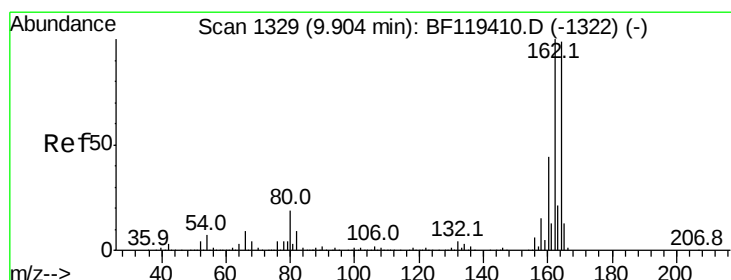
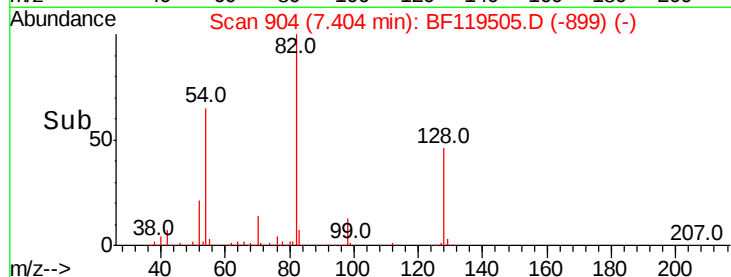
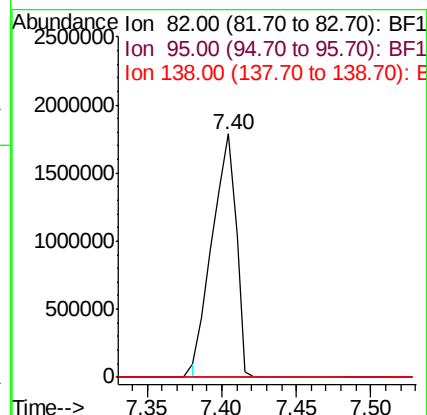
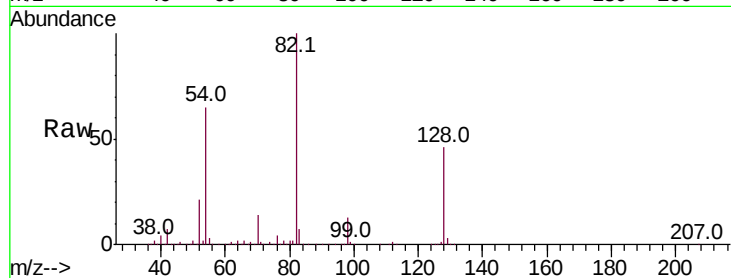
Tot Ion: 82 Resp: 1995039

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

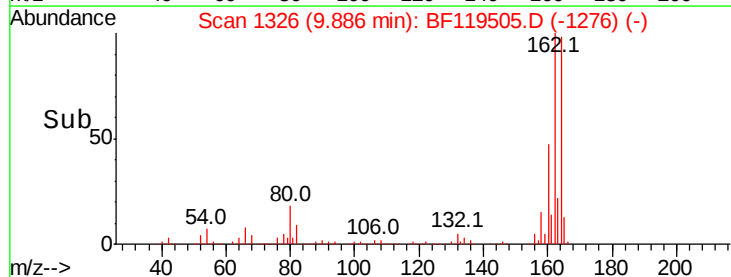
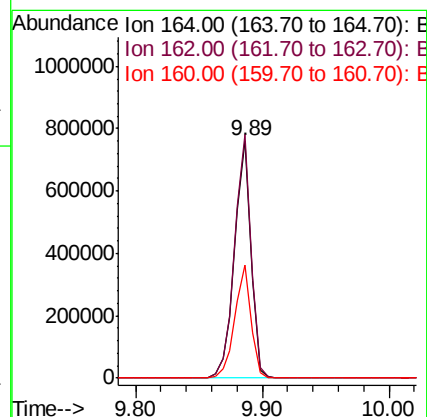
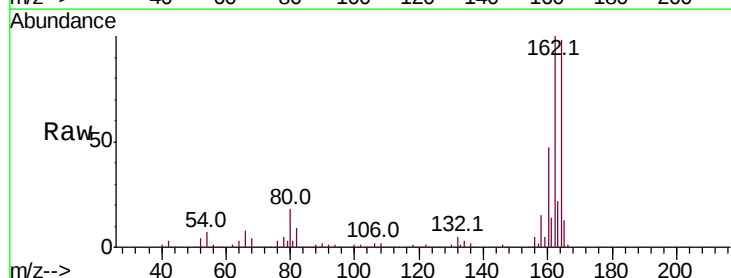
Tgt Ion:164 Resp: 679028

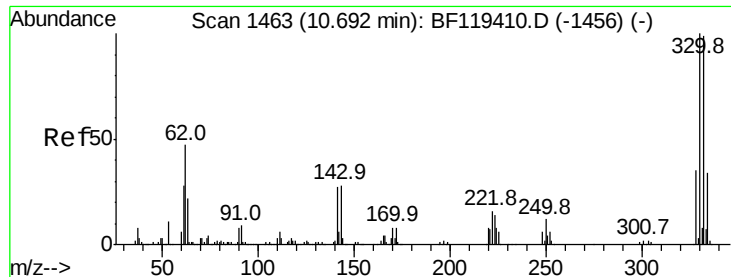
Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

160 47.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 139.064 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Instrument :

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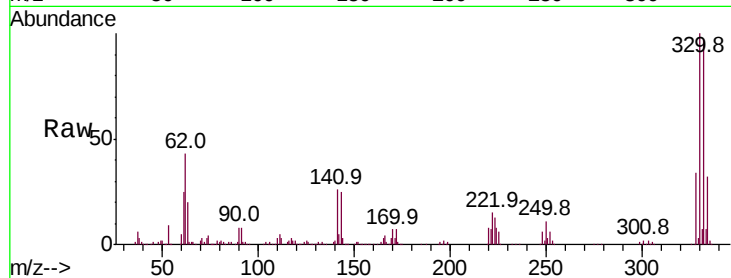
Tot Ion:330 Resp: 974183

Ion Ratio Lower Upper

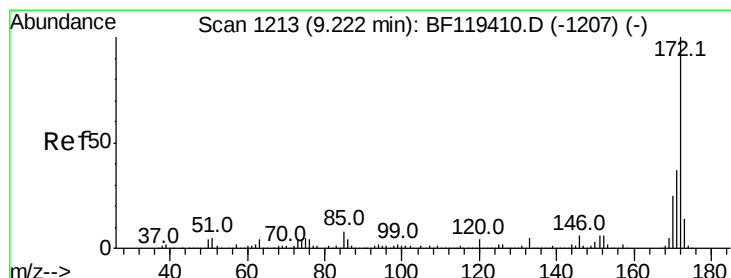
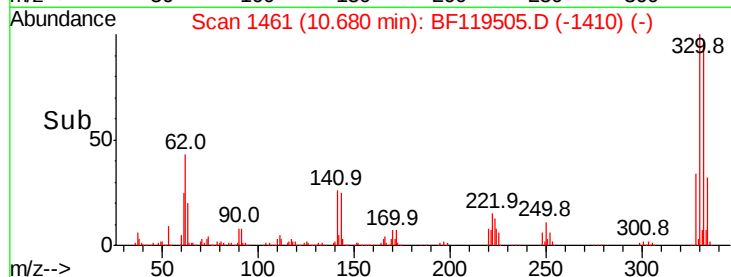
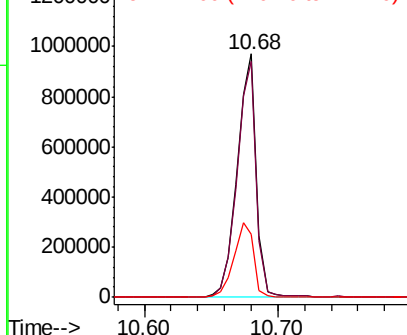
330 100

332 97.7 77.6 116.4

141 32.7 26.6 40.0



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: 82.324 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

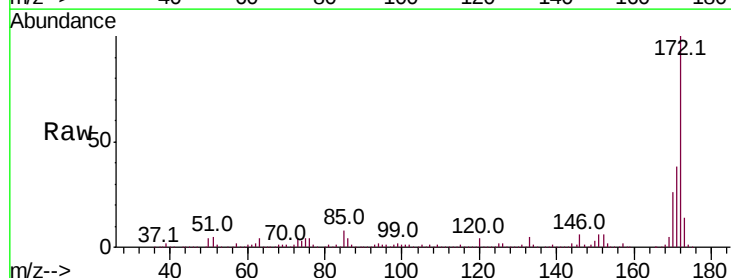
Tgt Ion:172 Resp: 3773310

Ion Ratio Lower Upper

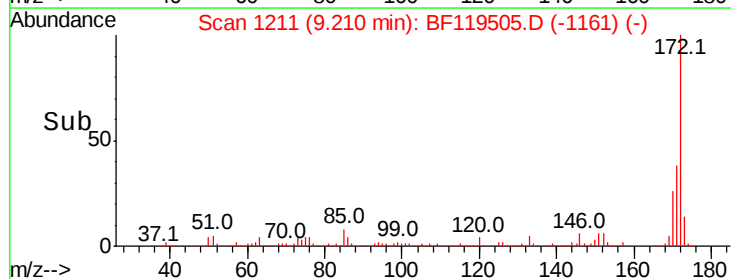
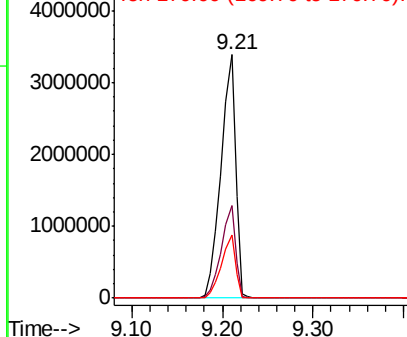
172 100

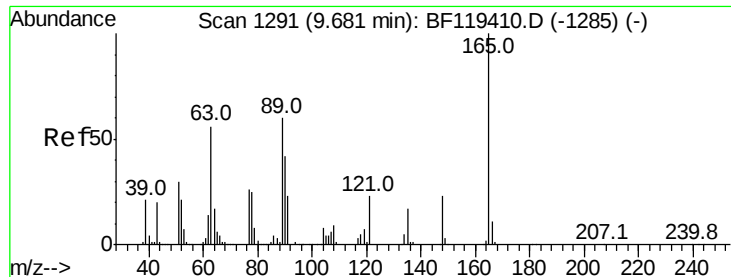
171 38.3 29.9 44.9

170 26.1 20.1 30.1



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: 8.490 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.21 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

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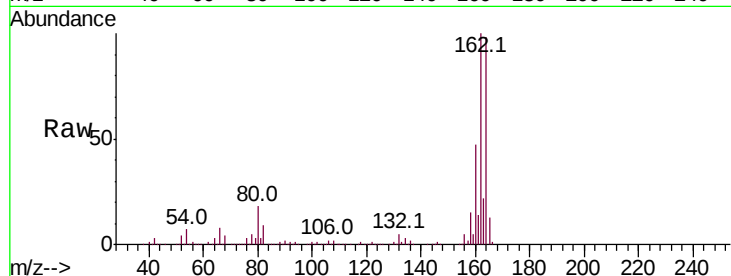
Tot Ion:165 Resp: 87768

Ion Ratio Lower Upper

165 100

63 1.3 57.3 85.9#

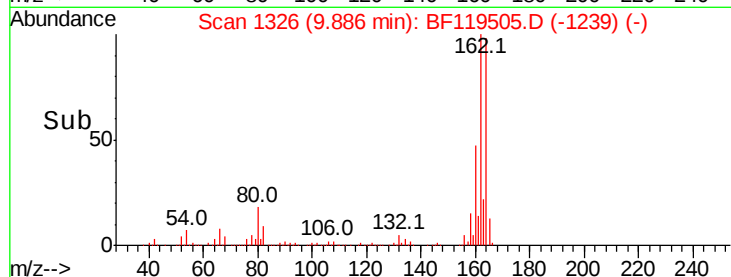
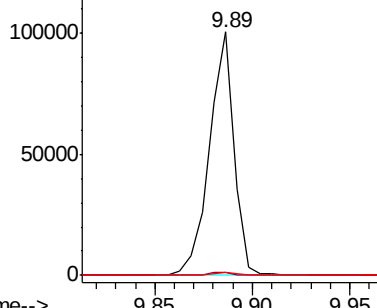
89 1.1 47.8 71.8#



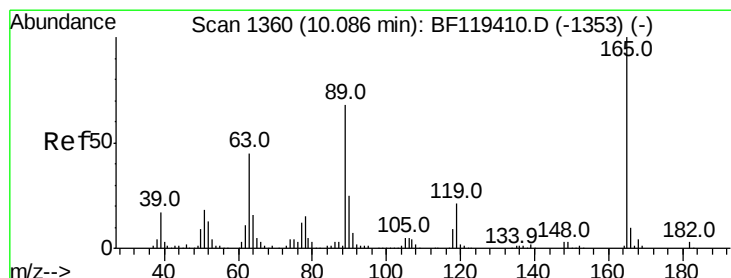
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Time-->



#57

2,4-Dinitrotoluene

Concen: 6.739 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.19 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Tgt Ion:165 Resp: 87768

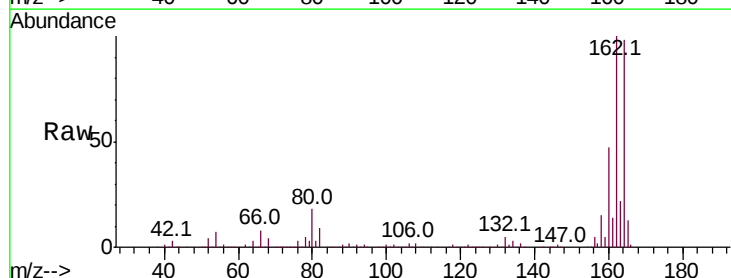
Ion Ratio Lower Upper

165 100

63 1.3 36.2 54.4#

89 1.1 54.3 81.5#

182 0.0 2.0 3.0#

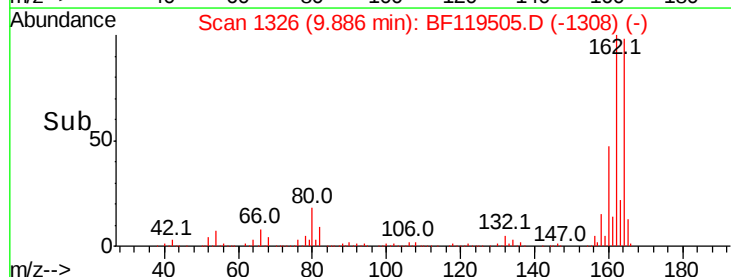
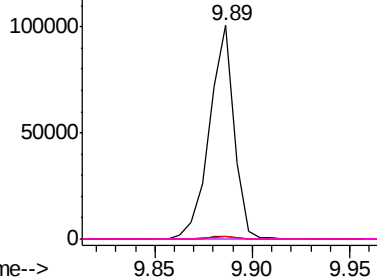


Abundance Ion 165.00 (164.70 to 165.70): E

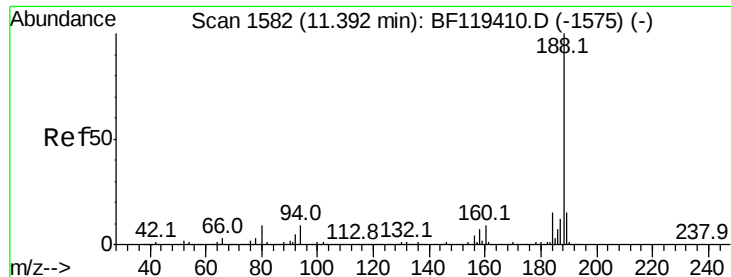
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

Instrument :

BNA_F

ClientSampleId :

PB127799BL

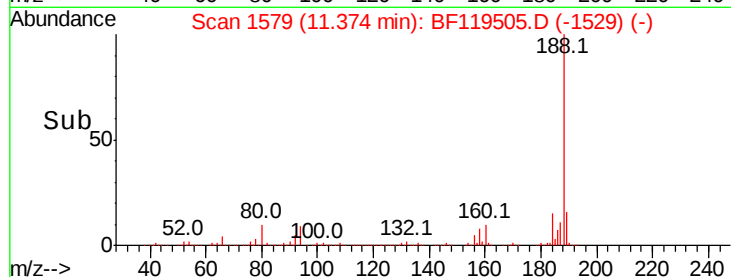
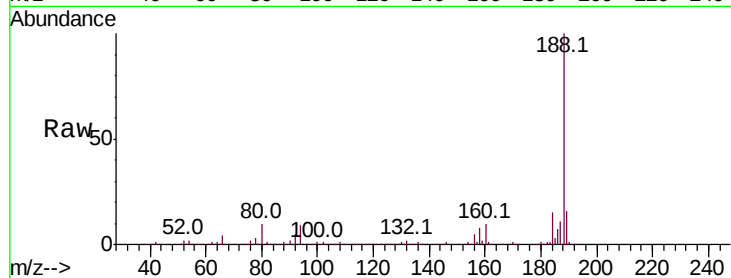
Tot Ion:188 Resp: 1339111

Ion Ratio Lower Upper

188 100

94 9.4 7.1 10.7

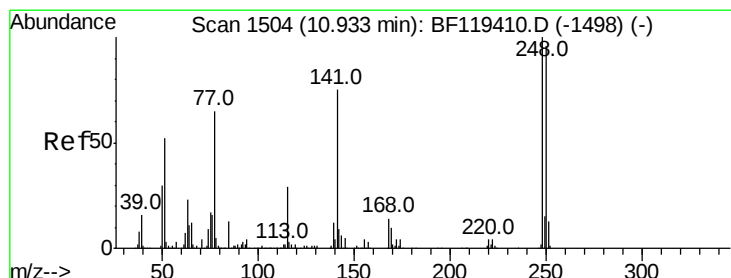
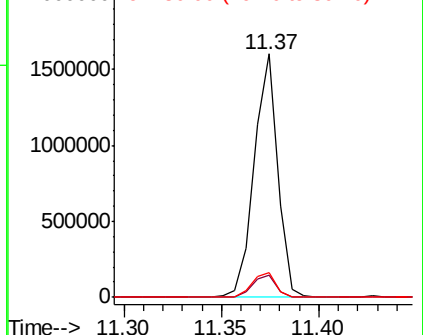
80 9.9 7.5 11.3



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: 3.949 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.25 min

Lab File: BF119505.D

Acq: 25 Mar 2020 15:04

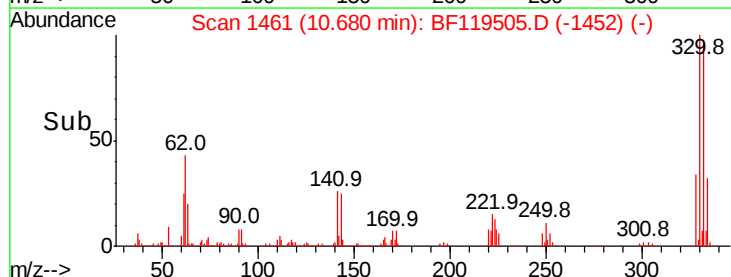
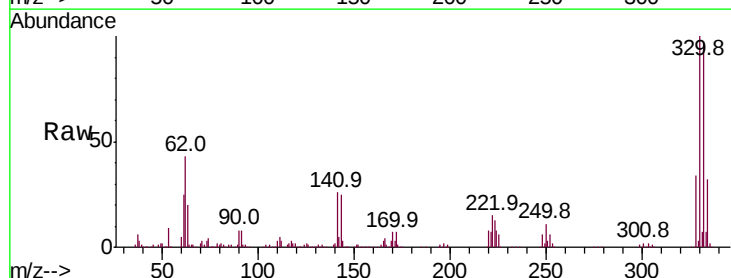
Tgt Ion:248 Resp: 60226

Ion Ratio Lower Upper

248 100

250 198.0 77.0 115.6#

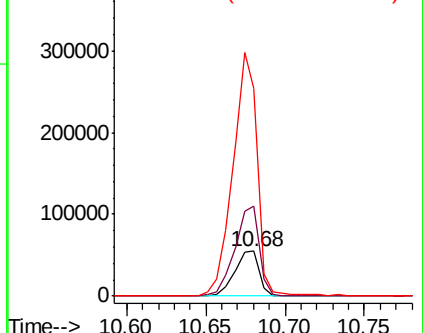
141 460.2 59.7 89.5#

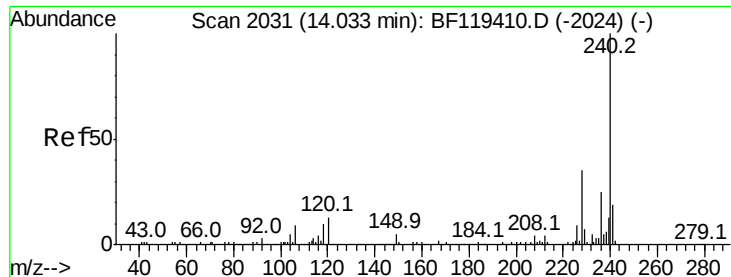


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

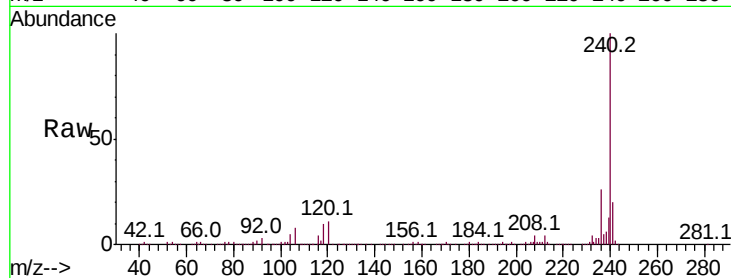




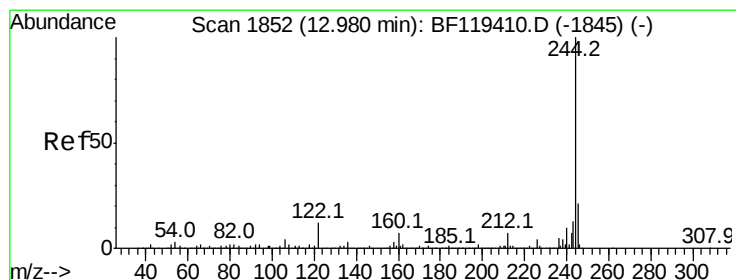
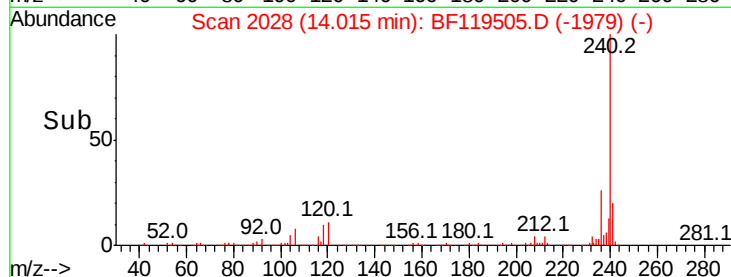
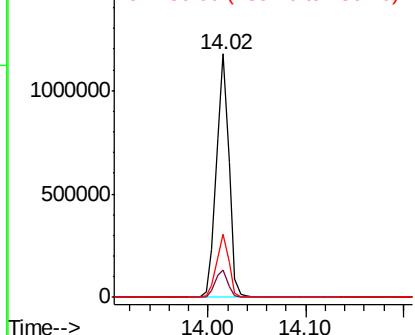
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119505.D
 Acq: 25 Mar 2020 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB127799BL

Tot Ion:240 Resp: 1054271
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.2 15.4
 236 25.9 20.4 30.6

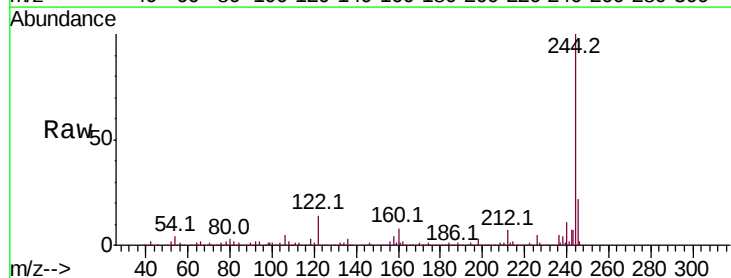


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

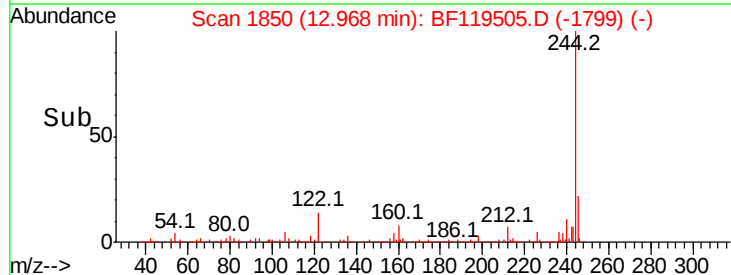
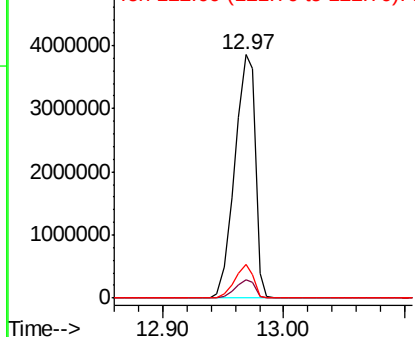


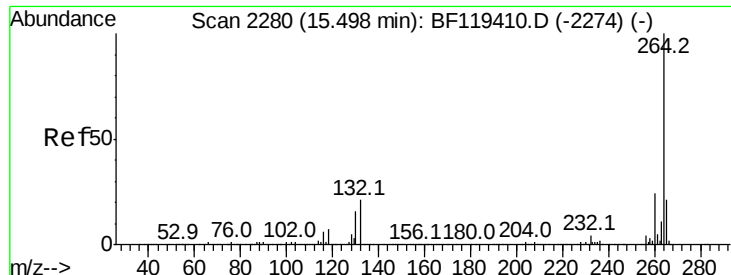
#79
 Terphenyl-d14
 Concen: 84.794 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BF119505.D
 Acq: 25 Mar 2020 15:04

Tgt Ion:244 Resp: 4562856
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 14.0 9.8 14.8



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

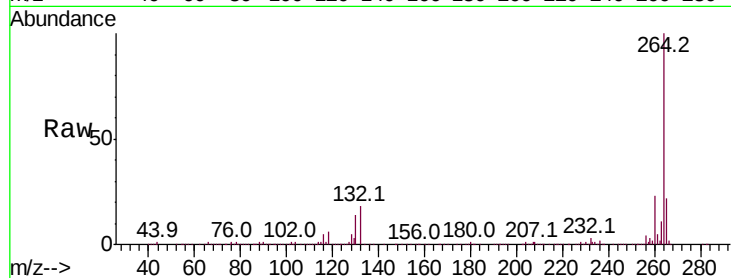




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF119505.D
Acq: 25 Mar 2020 15:04

Instrument :
BNA_F
ClientSampleId :
PB127799BL

Tot Ion:	264	Resp:	859884
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.2	28.8
265	21.7	16.9	25.3



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

