

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119489.D
 Acq On : 24 Mar 2020 14:01
 Operator : CG/JU
 Sample : L2008-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

Quant Time: Mar 24 14:46:15 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 18 15:11:18 2020
 Response via : Initial Calibration

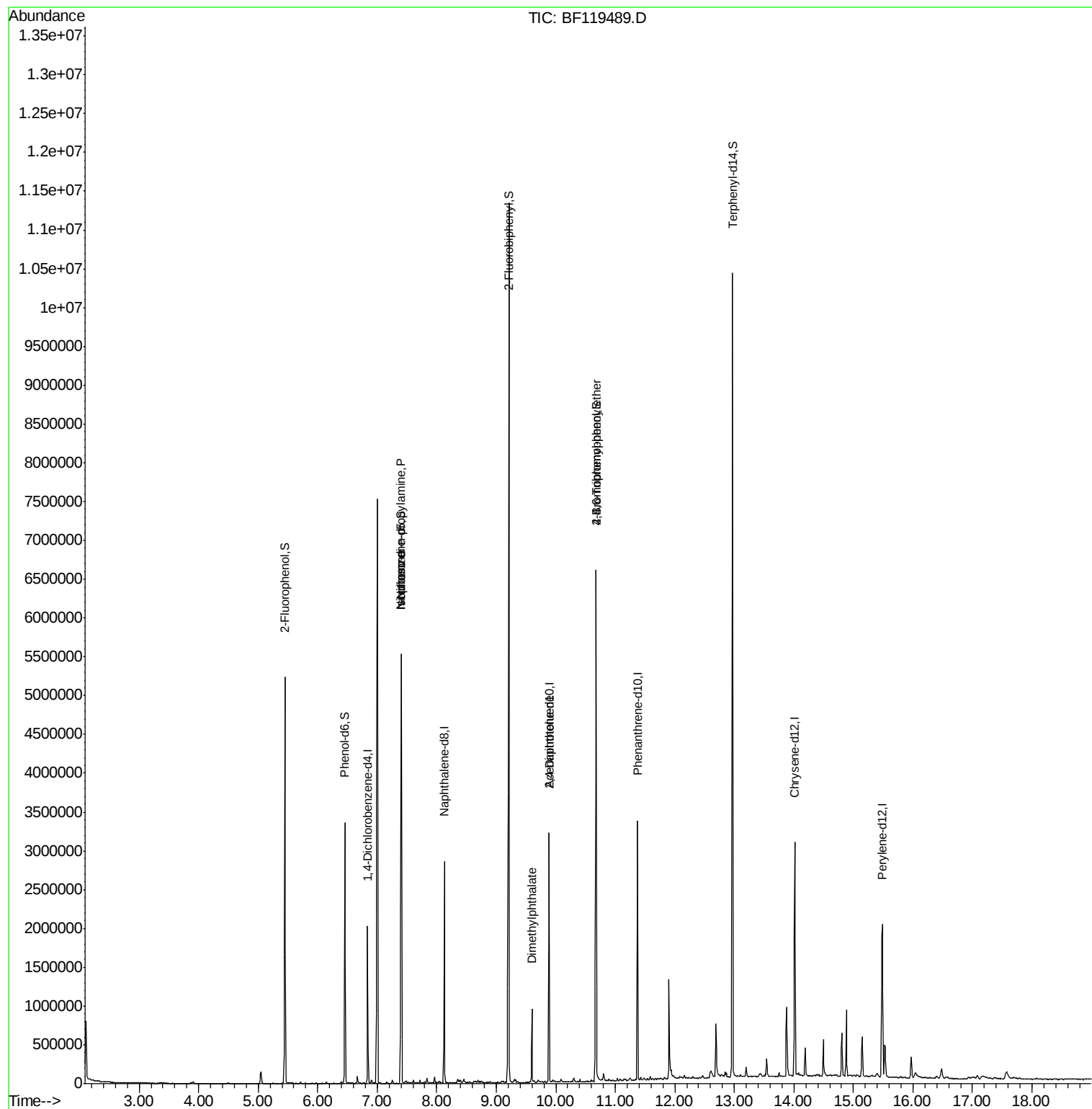
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	304812	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1121424	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	577668	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1126328	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	962017	20.00	ng	-0.02
87) Perylene-d12	15.49	264	942898	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1232934	64.39	ng	0.00
7) Phenol-d6	6.46	99	1007602	41.19	ng	-0.02
23) Nitrobenzene-d5	7.40	82	2024962	98.14	ng	-0.02
42) 2,4,6-Tribromophenol	10.68	330	915548	153.63	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3528475	90.49	ng	-0.01
79) Terphenyl-d14	12.97	244	4256540	86.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	270015	18.315	ng	# 73
25) Isophorone	7.40	82	2019338	48.244	ng	# 66
50) Dimethylphthalate	9.60	163	310896	7.577	ng	100
57) 2,4-Dinitrotoluene	9.89	165	75262	6.793	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	55979	4.364	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
Data File : BF119489.D
Acq On : 24 Mar 2020 14:01
Operator : CG/JU
Sample : L2008-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127762BL

Quant Time: Mar 24 14:46:15 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 18 15:11:18 2020
Response via : Initial Calibration



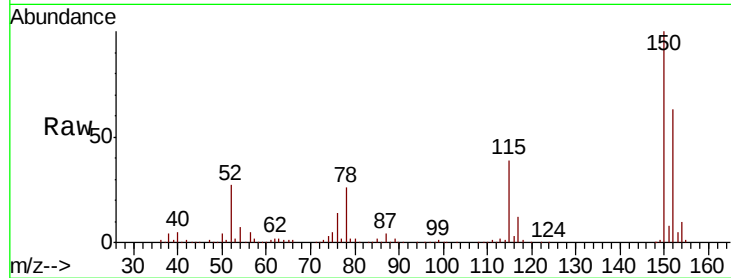


#1

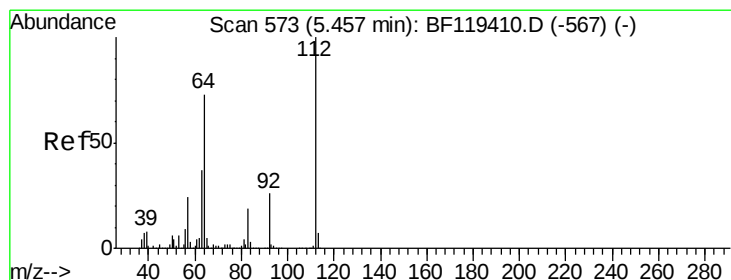
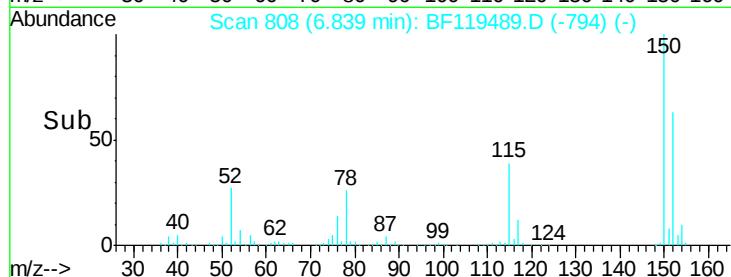
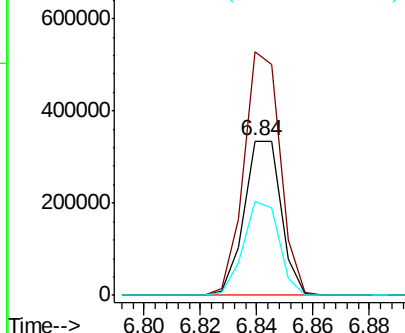
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 14:01

Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

Tot Ion:152 Resp: 304812
 Ion Ratio Lower Upper
 152 100
 150 157.8 123.9 185.9
 115 60.8 47.8 71.6



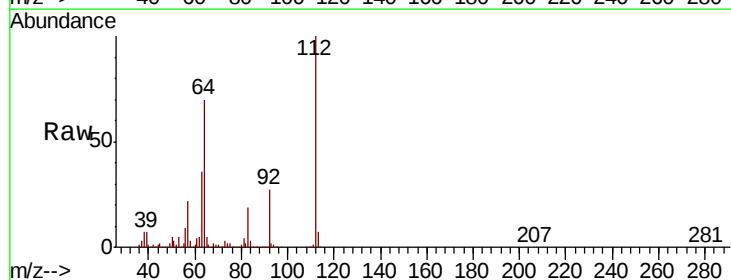
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



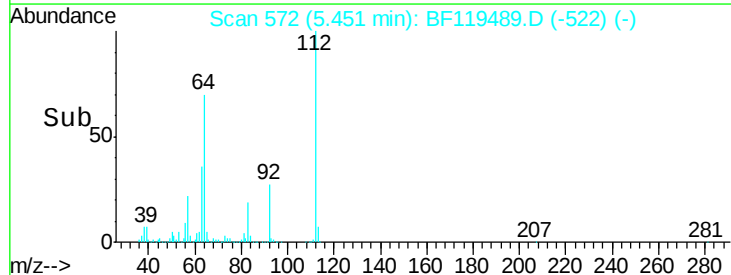
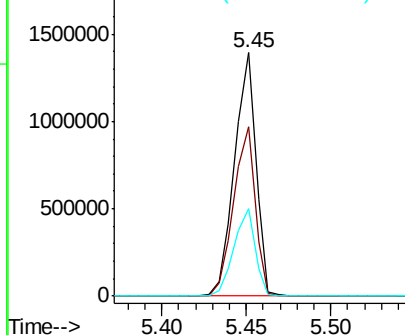
#5

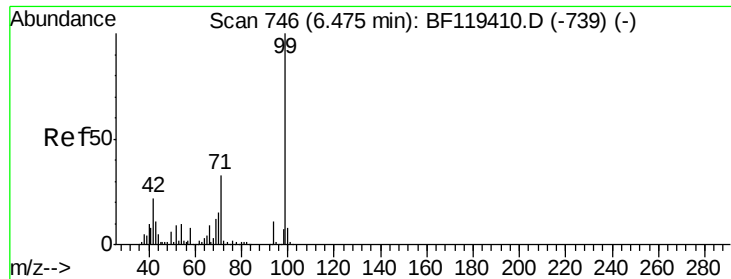
2-Fluorophenol
 Concen: 64.391 ng
 RT: 5.45 min Scan# 572
 Delta R.T. -0.01 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 14:01

Tgt Ion:112 Resp: 1232934
 Ion Ratio Lower Upper
 112 100
 64 69.5 58.1 87.1
 63 35.7 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: 41.194 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB127762BL

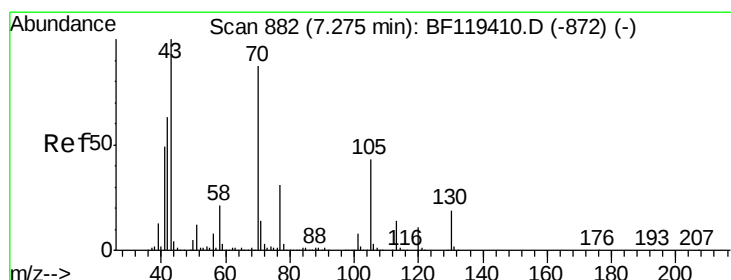
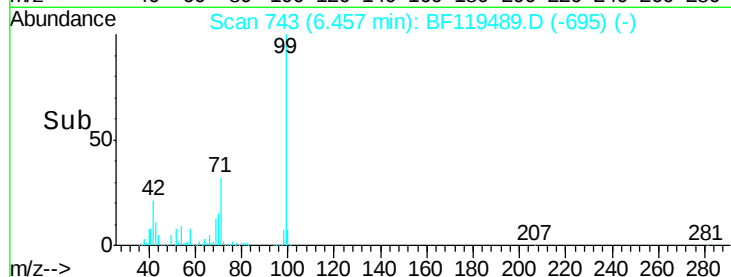
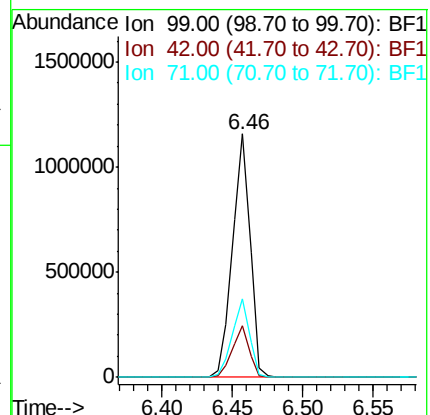
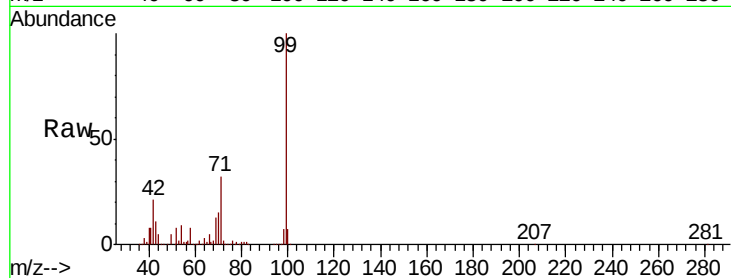
Tot Ion: 99 Resp: 1007602

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

71 32.4 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 18.315 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Tgt Ion: 70 Resp: 270015

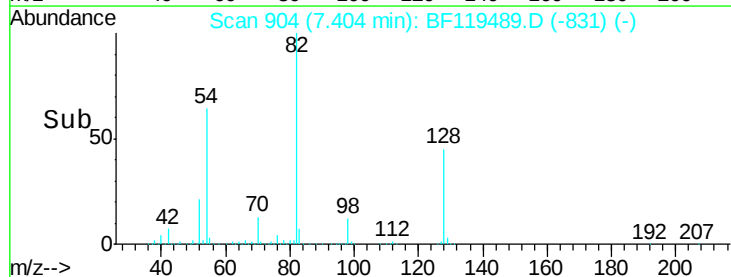
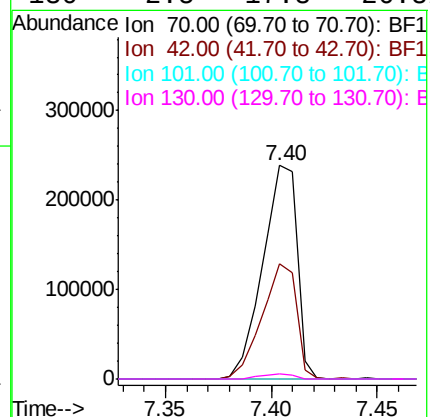
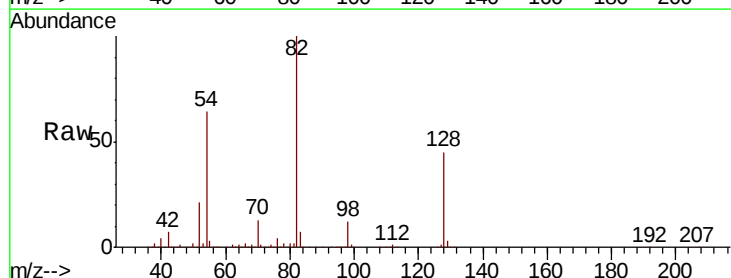
Ion Ratio Lower Upper

70 100

42 54.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB127762BL

Tot Ion:136 Resp: 1121424

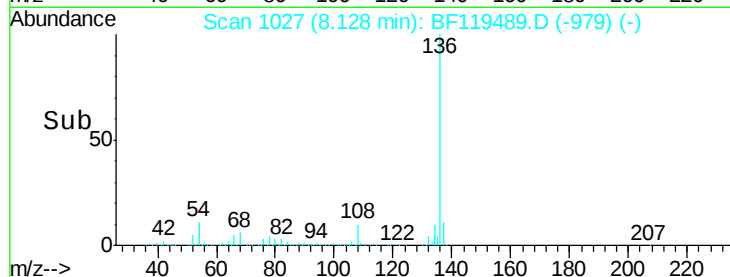
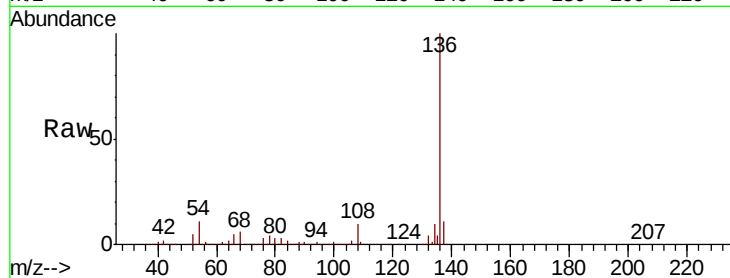
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.0 8.3 12.5

68 6.0 4.9 7.3

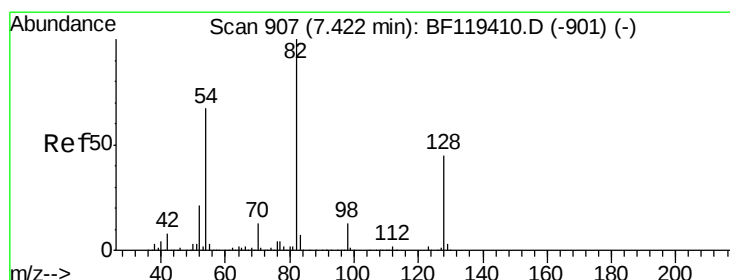
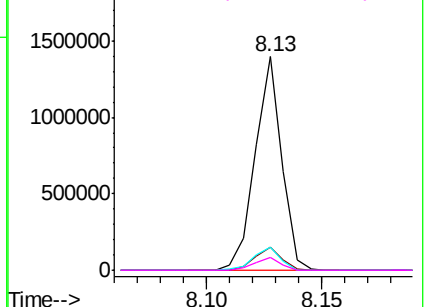


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.136 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

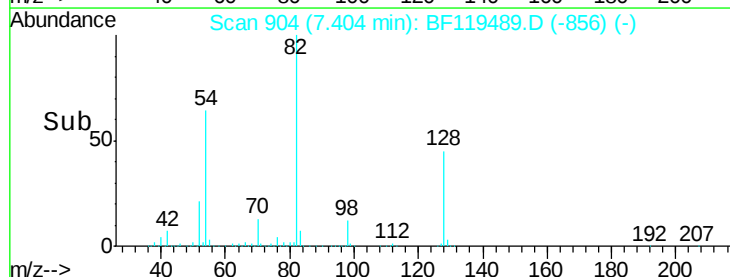
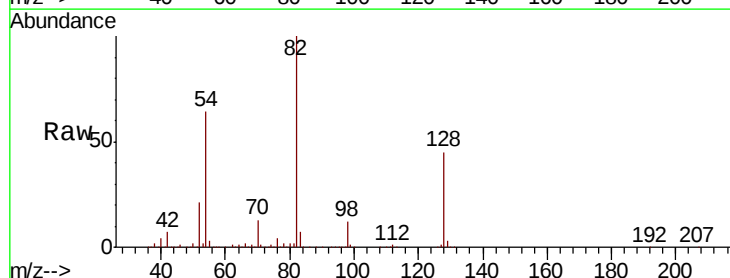
Tgt Ion: 82 Resp: 2024962

Ion Ratio Lower Upper

82 100

128 45.3 35.8 53.8

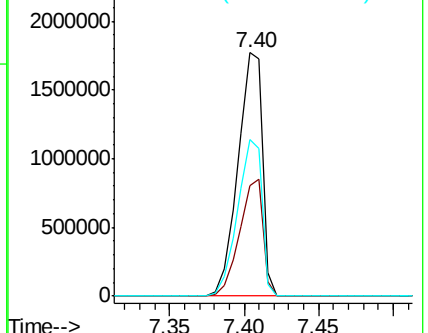
54 64.5 53.4 80.0

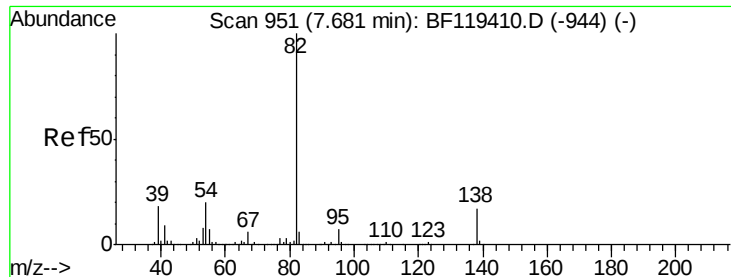


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.244 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB127762BL

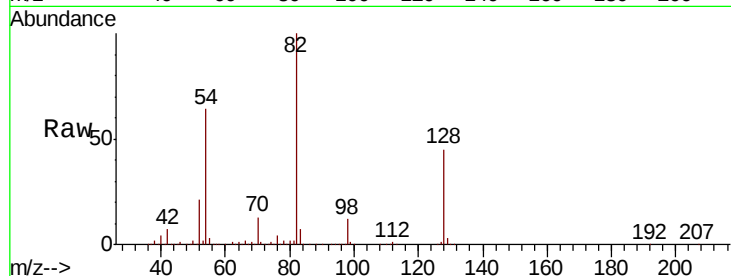
Tot Ion: 82 Resp: 2019338

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

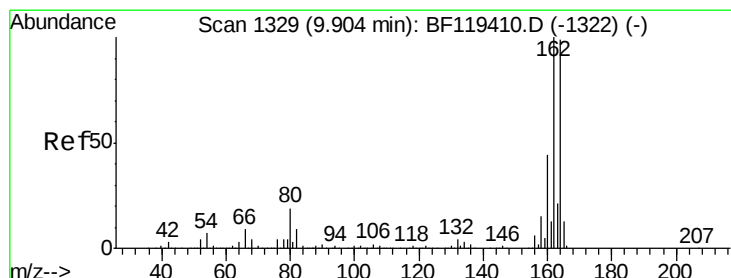
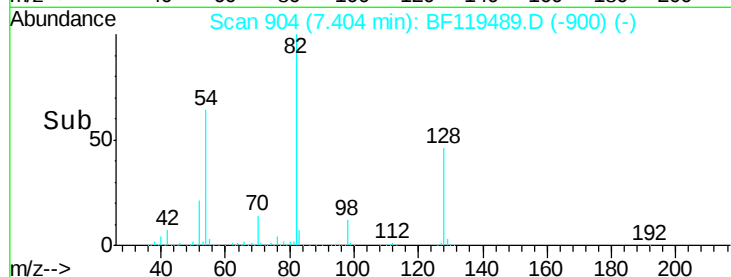
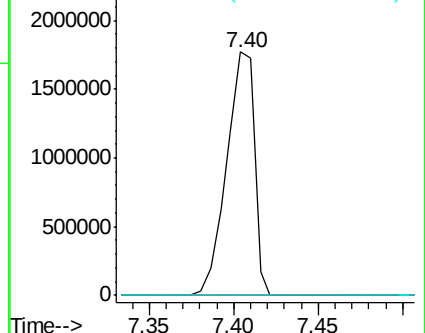
138 0.0 13.8 20.8#



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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

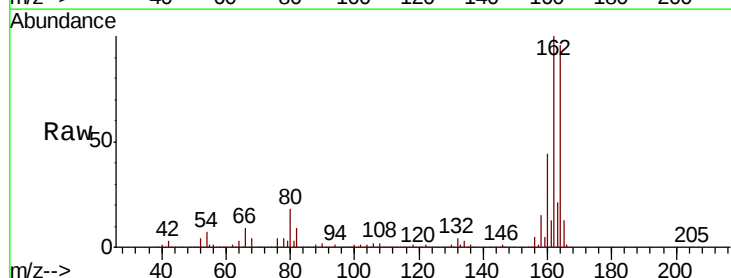
Tgt Ion:164 Resp: 577668

Ion Ratio Lower Upper

164 100

162 104.1 80.7 121.1

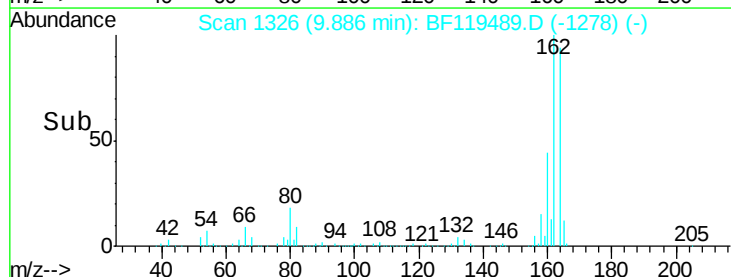
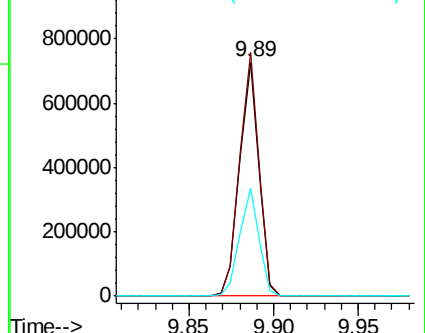
160 46.1 35.5 53.3

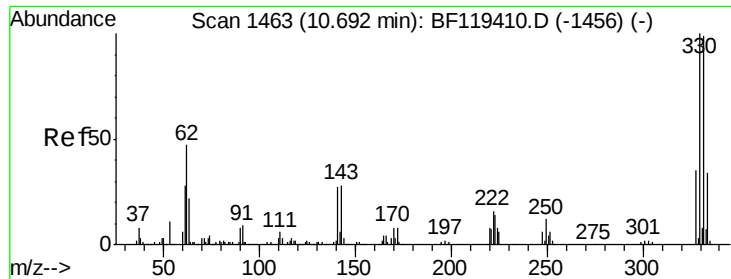


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 153.626 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Instrument :

BNA_F

ClientSampleId :

PB127762BL

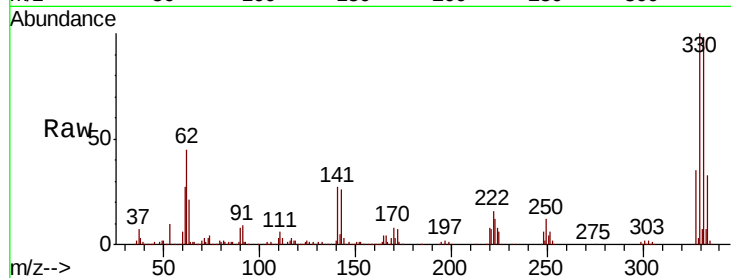
Tot Ion:330 Resp: 915548

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

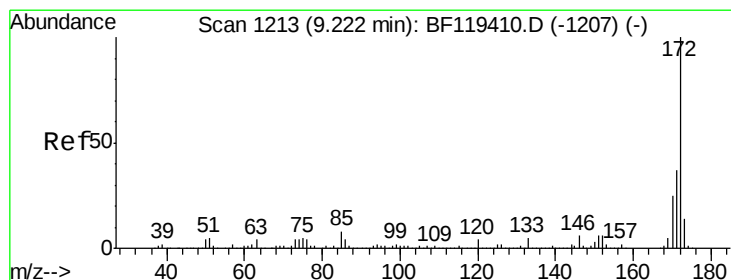
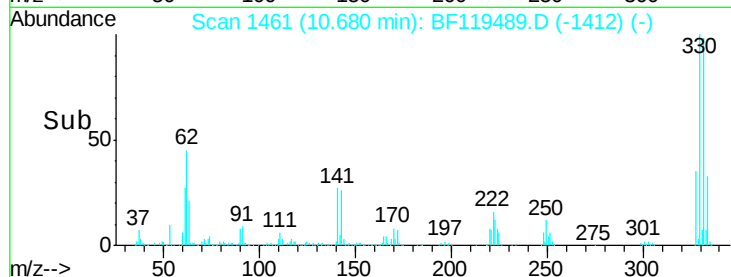
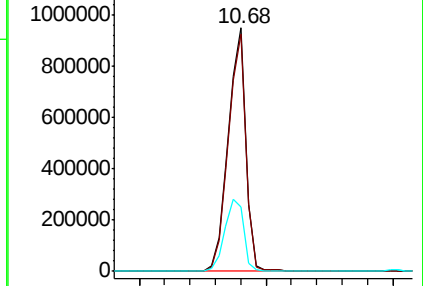
141 32.1 26.6 40.0



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: 90.490 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

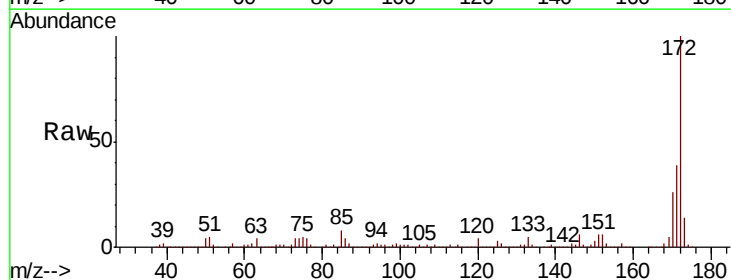
Tgt Ion:172 Resp: 3528475

Ion Ratio Lower Upper

172 100

171 38.5 29.9 44.9

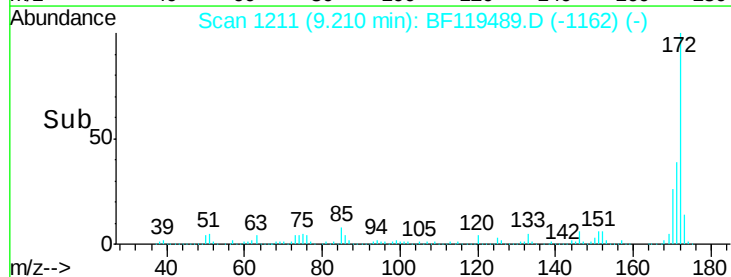
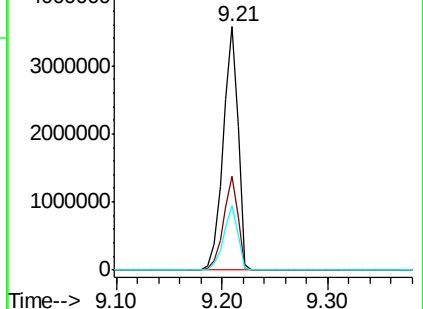
170 26.3 20.1 30.1

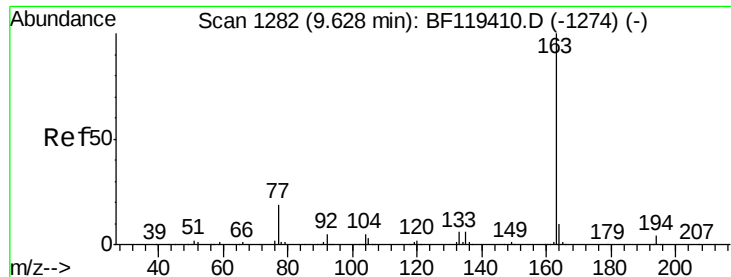


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

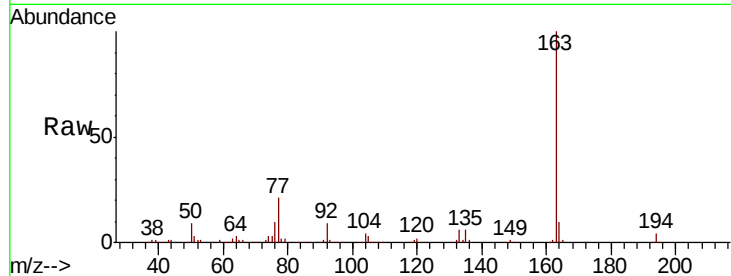




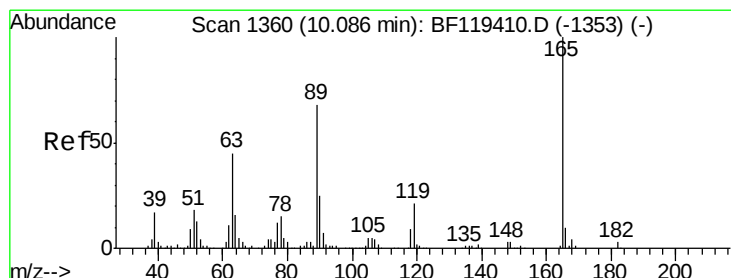
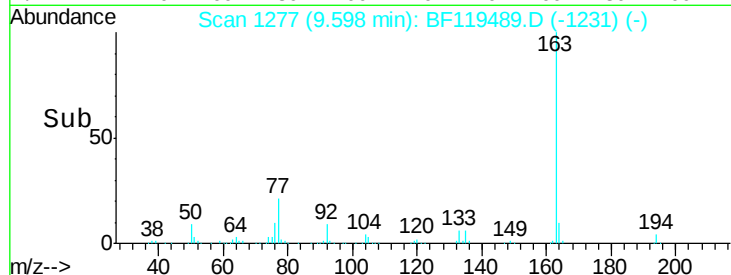
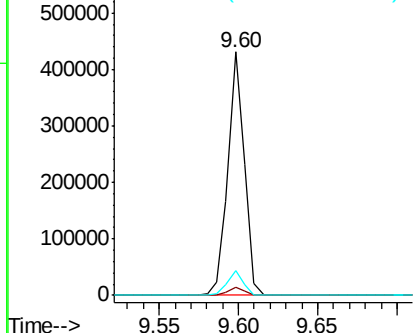
#50
Dimethylphthalate
Concen: 7.577 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119489.D
Acq: 24 Mar 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB127762BL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.1	8.1	12.1



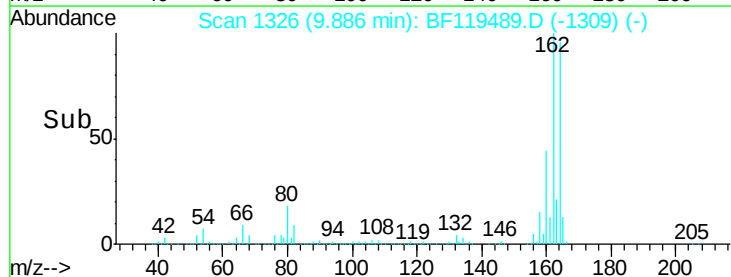
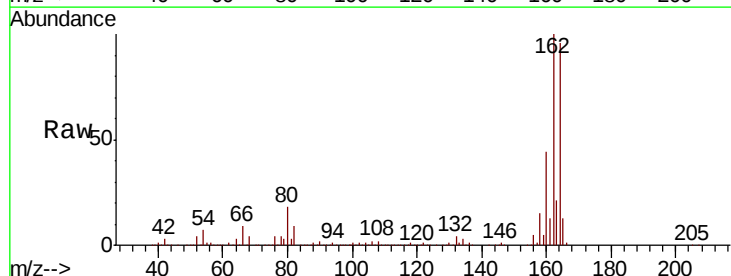
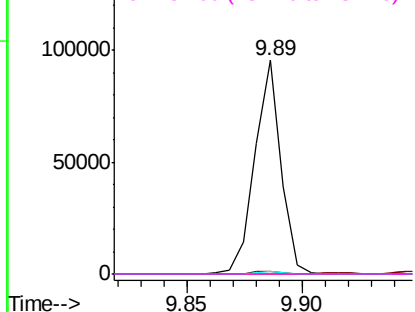
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#57
2,4-Dinitrotoluene
Concen: 6.793 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119489.D
Acq: 24 Mar 2020 14:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.2	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

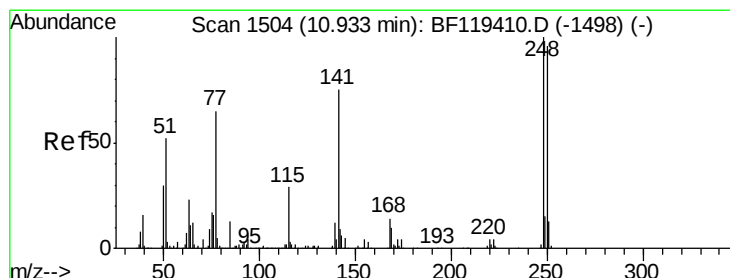
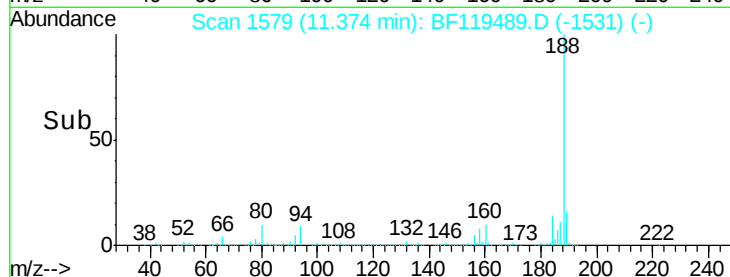
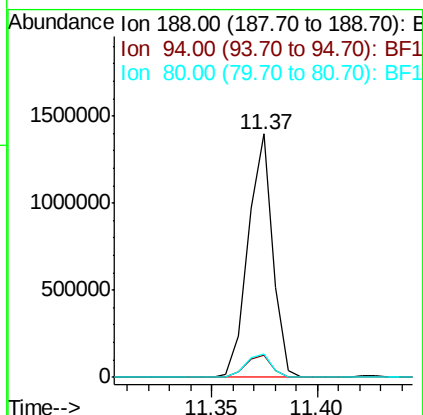
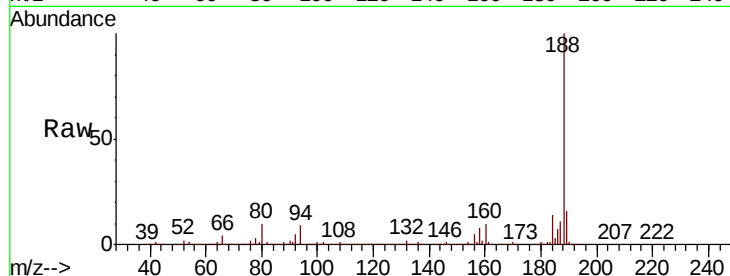




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 14:01

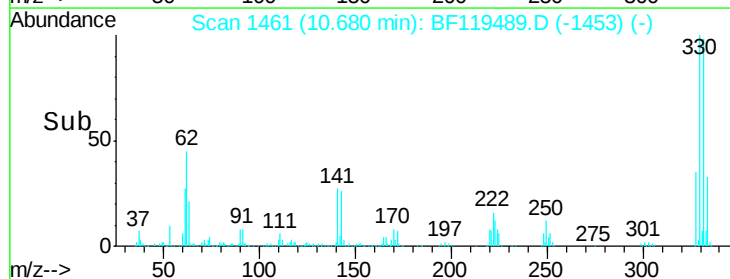
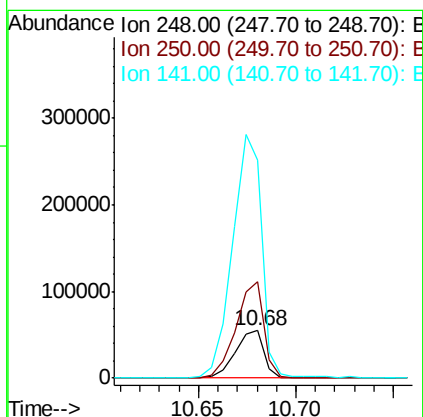
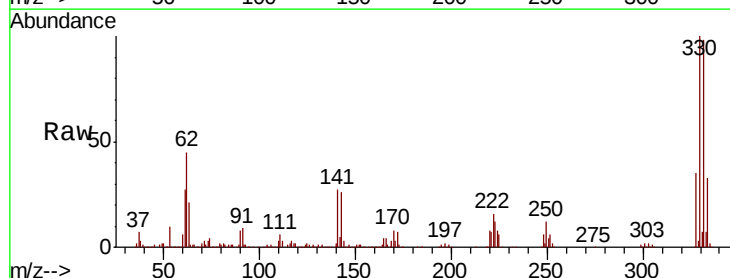
Instrument :
 BNA_F
 ClientSampleId :
 PB127762BL

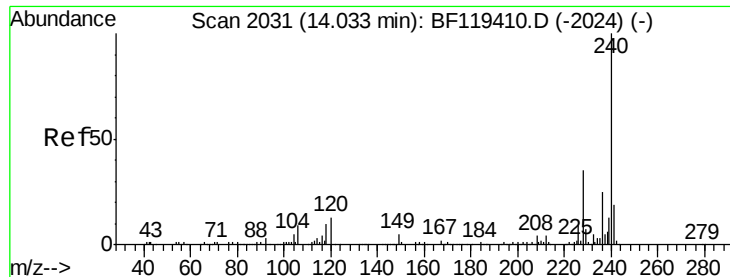
Tot Ion:188 Resp: 1126328
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.1 10.7
 80 9.6 7.5 11.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.364 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119489.D
 Acq: 24 Mar 2020 14:01

Tgt Ion:248 Resp: 55979
 Ion Ratio Lower Upper
 248 100
 250 203.3 77.0 115.6#
 141 461.3 59.7 89.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

Instrument :

BNA_F

ClientSampled :

PB127762BL

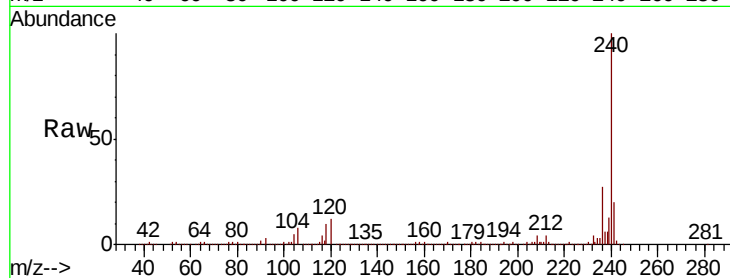
Tot Ion:240 Resp: 962017

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

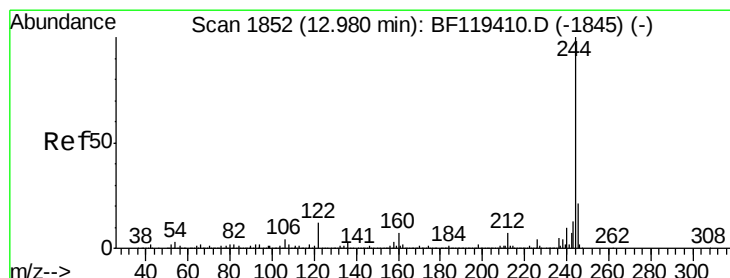
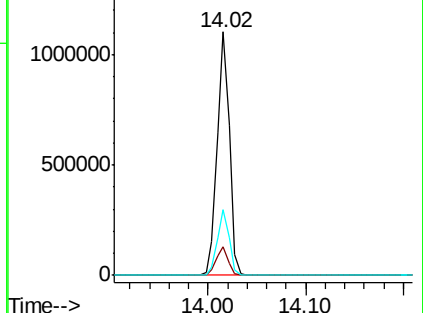
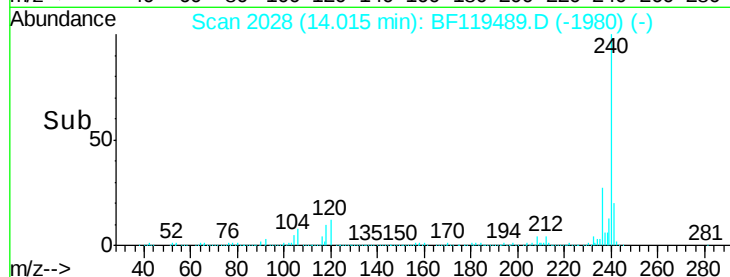
236 26.8 20.4 30.6



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: 86.687 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119489.D

Acq: 24 Mar 2020 14:01

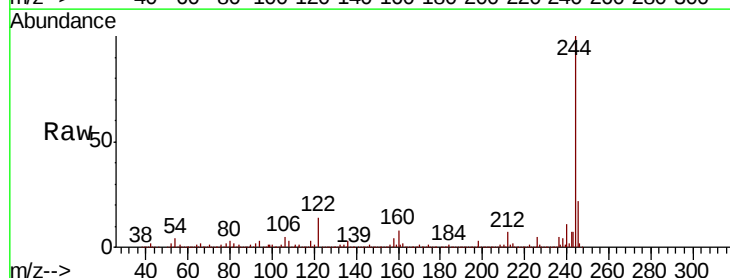
Tgt Ion:244 Resp: 4256540

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

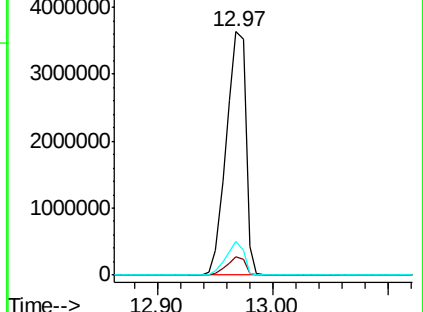
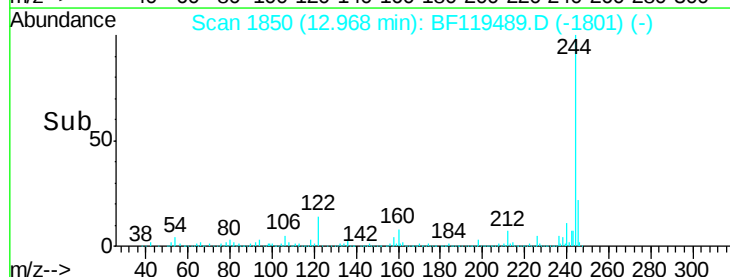
122 14.0 9.8 14.8

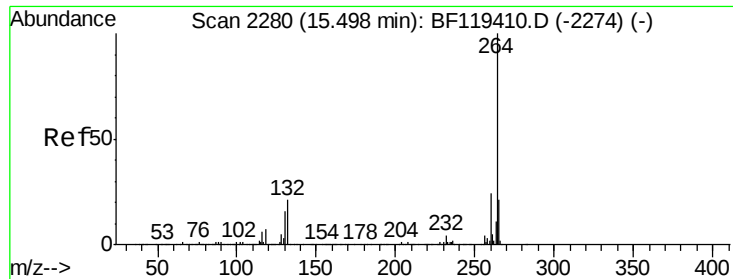


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119489.D
Acq: 24 Mar 2020 14:01

Instrument :
BNA_F
ClientSampleId :
PB127762BL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.2	28.8	
265	21.8	16.9	25.3	

