

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119537.D
 Acq On : 26 Mar 2020 18:50
 Operator : CG/JU
 Sample : PB127823BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127823BL

Quant Time: Mar 27 00:44:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 16:30:13 2020
 Response via : Initial Calibration

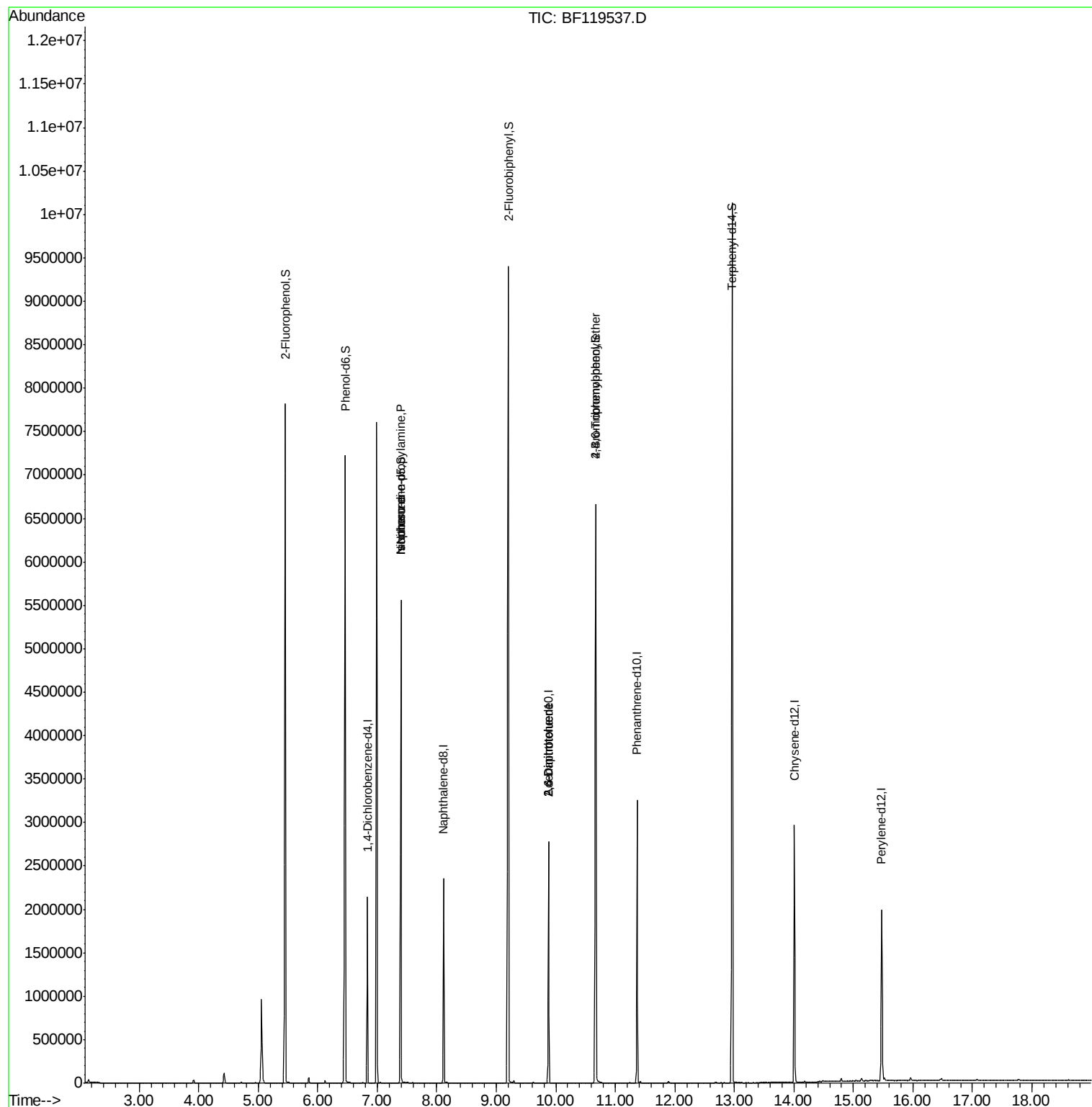
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	280476	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1062807	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	588839	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1191472	20.00	ng	0.00
76) Chrysene-d12	14.01	240	967339	20.00	ng	0.00
87) Perylene-d12	15.47	264	944678	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2291530	130.06	ng	0.02
7) Phenol-d6	6.46	99	2879481	127.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	1805134	92.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	907117	149.32	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3371848	84.83	ng	0.00
79) Terphenyl-d14	12.96	244	4173394	84.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	238490	17.58	ng	# 74
25) Isophorone	7.40	82	1796460	45.29	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	74264	8.28	ng	# 18
57) 2,4-Dinitrotoluene	9.88	165	74264	6.58	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	54428	4.01	ng	# 1

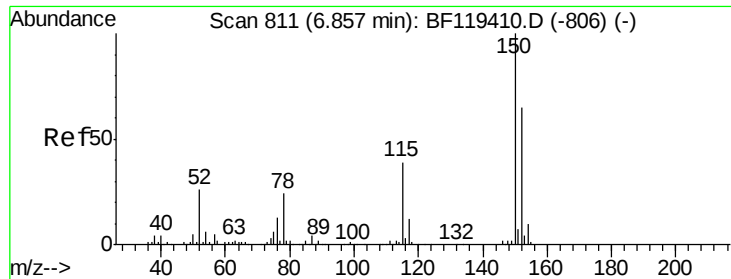
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 26 16:30:13 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB127823BL

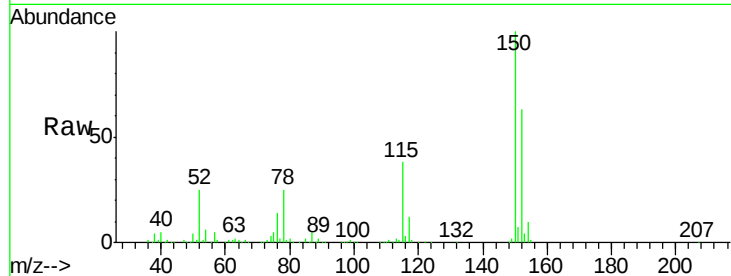
Tgt Ion:152 Resp: 280476

Ion Ratio Lower Upper

152 100

150 159.2 123.9 185.9

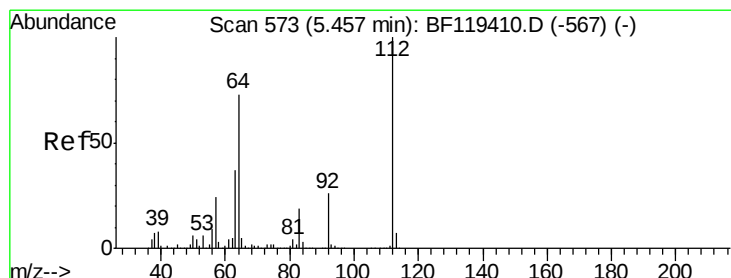
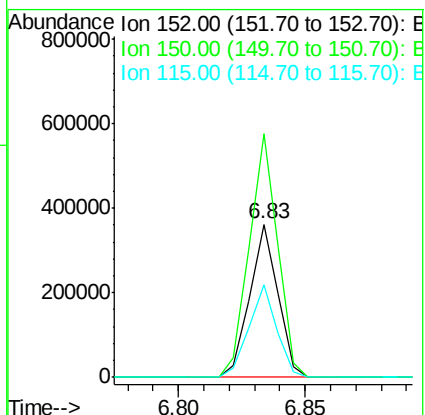
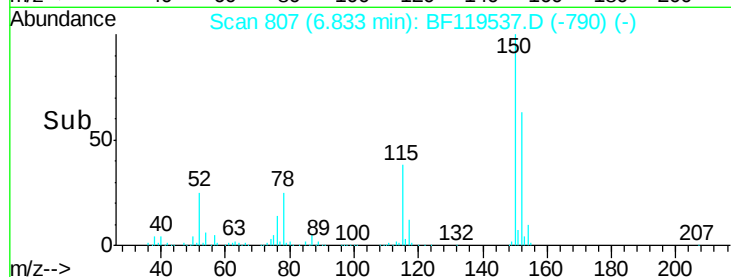
115 60.4 47.8 71.6



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: 130.06 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

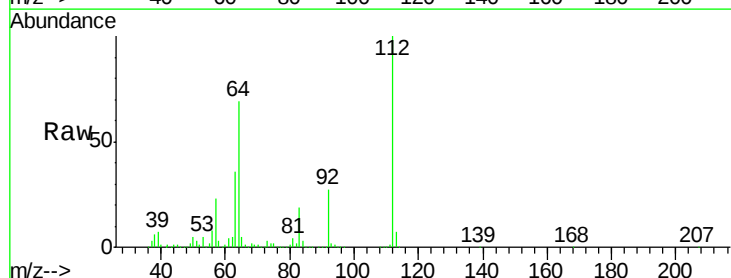
Tgt Ion:112 Resp: 2291530

Ion Ratio Lower Upper

112 100

64 69.2 58.1 87.1

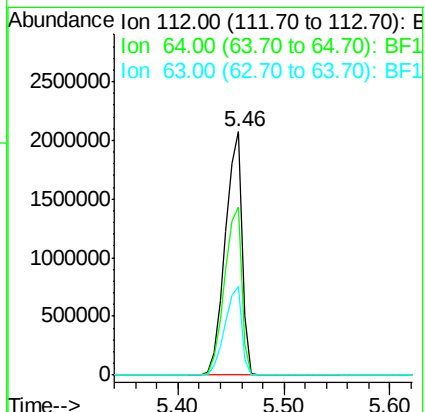
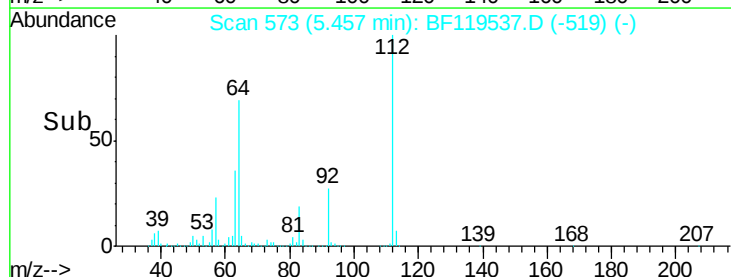
63 36.4 29.7 44.5

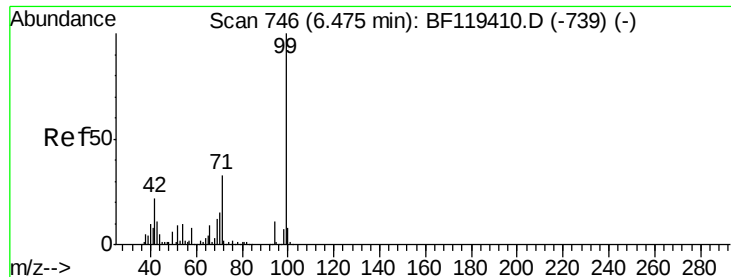


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 127.94 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB127823BL

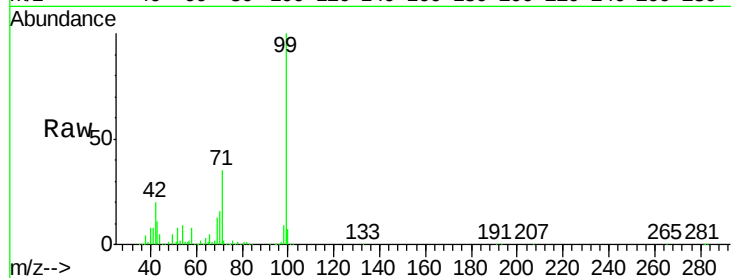
Tgt Ion: 99 Resp: 2879481

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

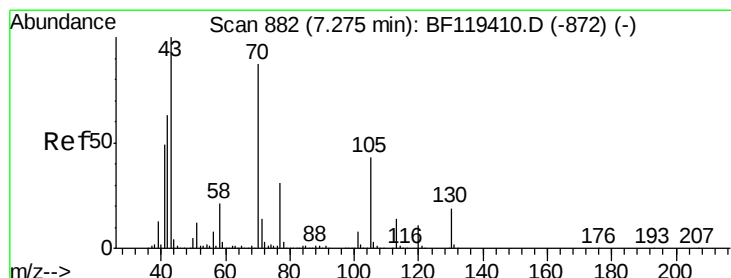
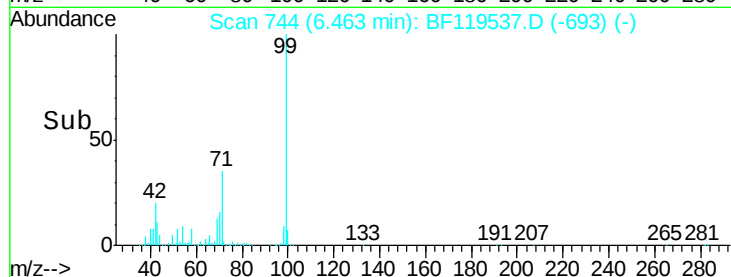
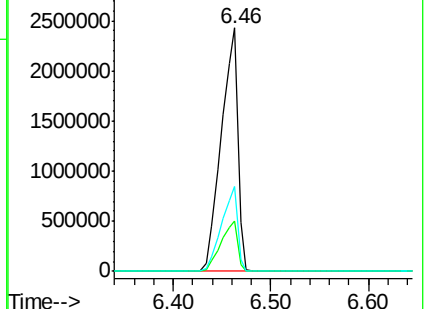
71 34.6 26.0 39.0



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: 17.58 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

Tgt Ion: 70 Resp: 238490

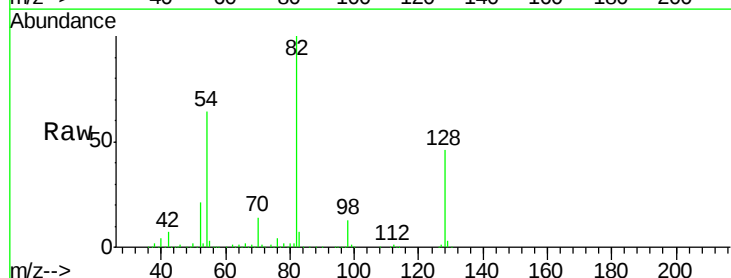
Ion Ratio Lower Upper

70 100

42 54.7 58.2 87.4#

101 0.0 7.4 11.2#

130 2.5 17.8 26.8#

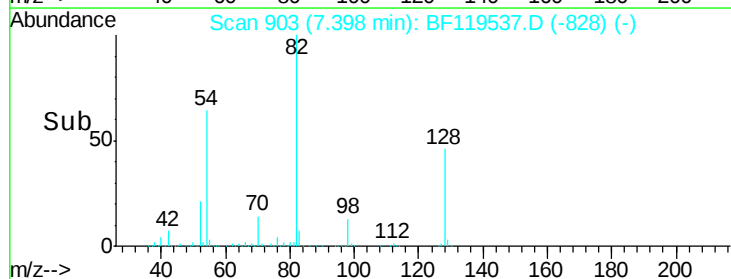
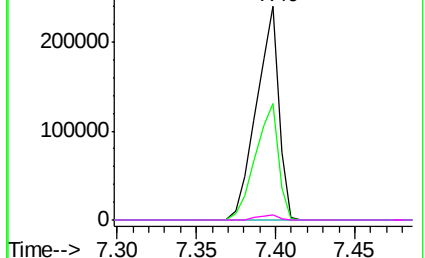


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

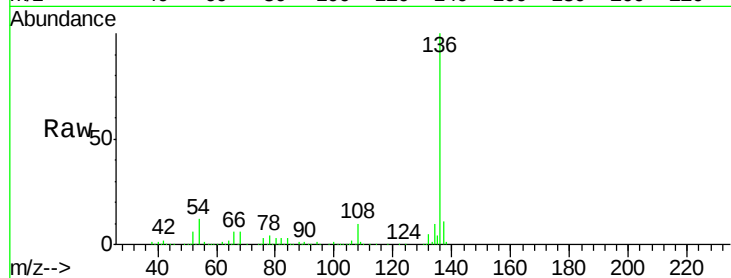




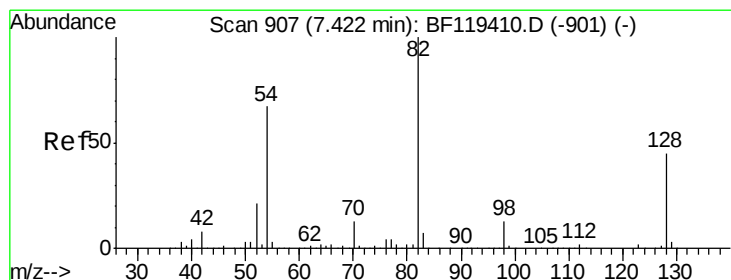
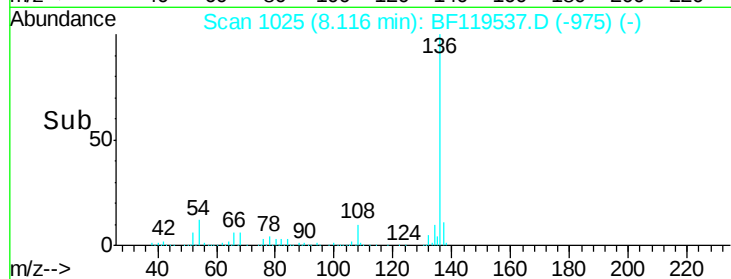
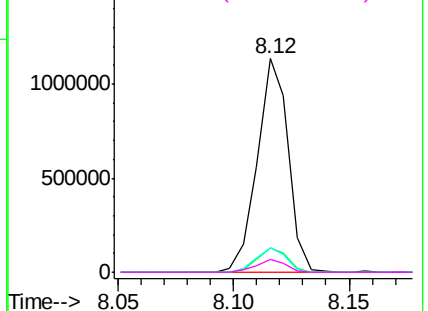
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119537.D
Acq: 26 Mar 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB127823BL

Tgt Ion:136 Resp: 1062807
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 11.5 8.3 12.5
68 6.1 4.9 7.3

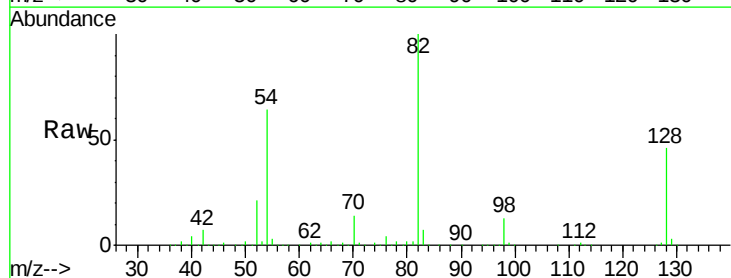


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

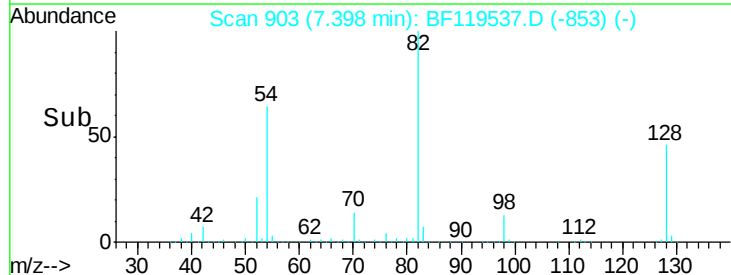
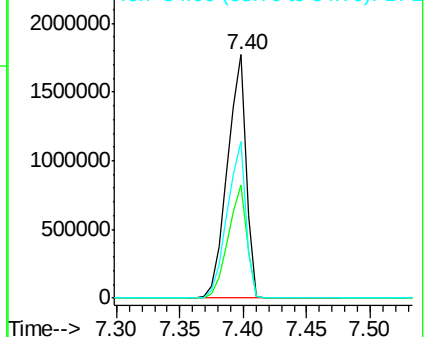


#23
Nitrobenzene-d5
Concen: 92.31 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF119537.D
Acq: 26 Mar 2020 18:50

Tgt Ion: 82 Resp: 1805134
Ion Ratio Lower Upper
82 100
128 46.3 35.8 53.8
54 64.1 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: 45.29 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

Instrument :

BNA_F

ClientSampleId :

PB127823BL

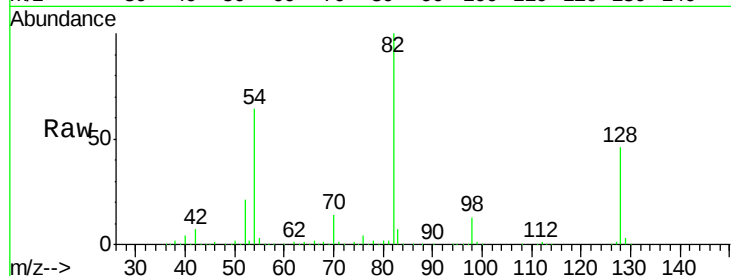
Tgt Ion: 82 Resp: 1796460

Ion Ratio Lower Upper

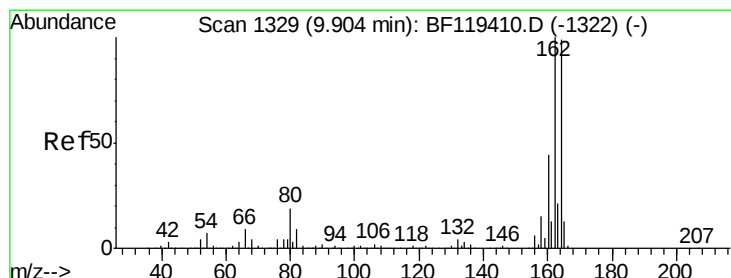
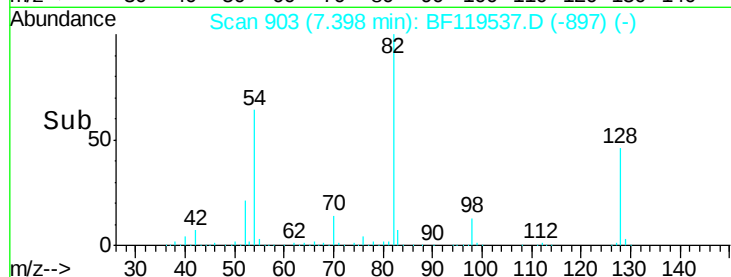
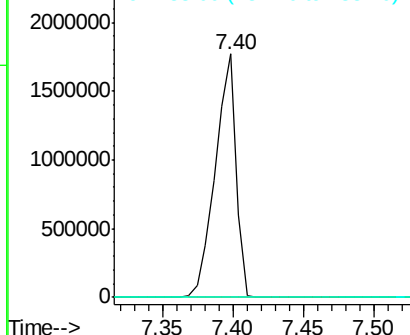
82 100

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: 20.00 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

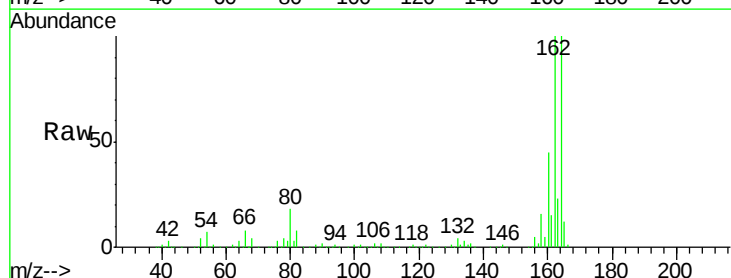
Tgt Ion: 164 Resp: 588839

Ion Ratio Lower Upper

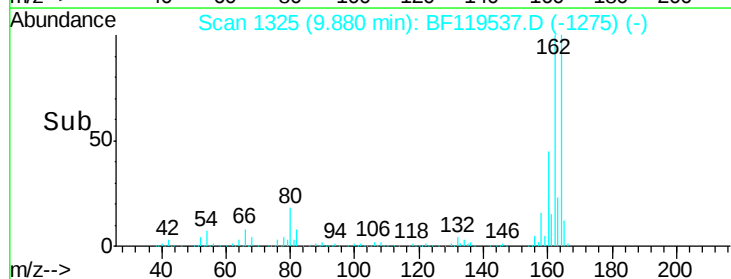
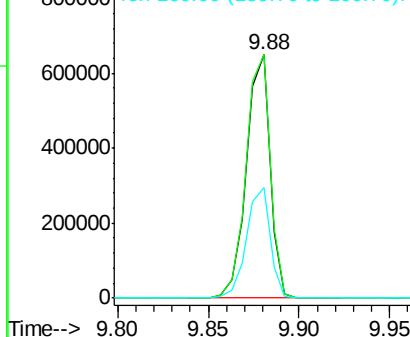
164 100

162 100.2 80.7 121.1

160 45.3 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 149.32 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

Instrument :

BNA_F

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PB127823BL

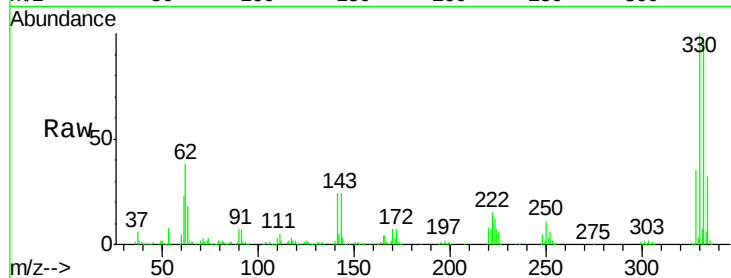
Tgt Ion:330 Resp: 907117

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

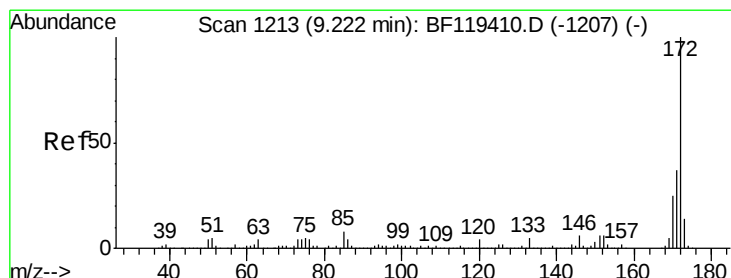
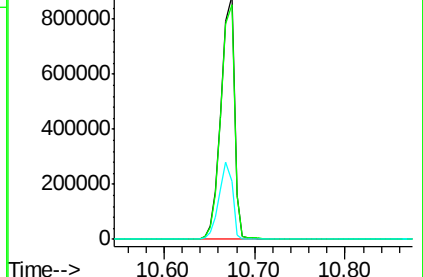
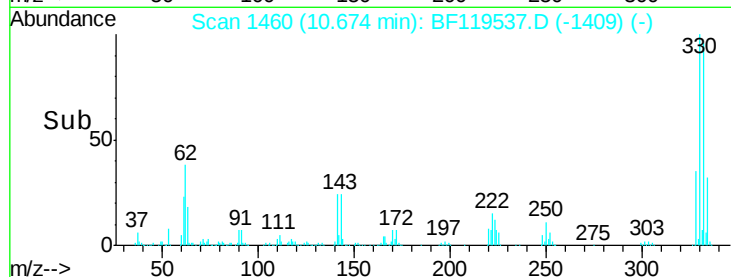
141 31.5 26.6 40.0



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: 84.83 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.00 min

Lab File: BF119537.D

Acq: 26 Mar 2020 18:50

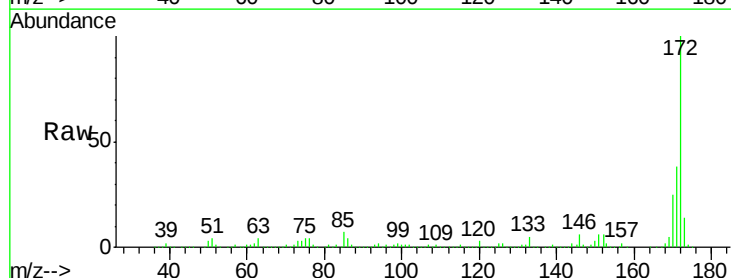
Tgt Ion:172 Resp: 3371848

Ion Ratio Lower Upper

172 100

171 38.4 29.9 44.9

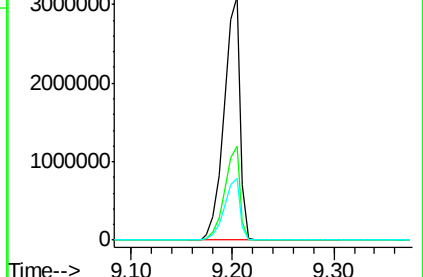
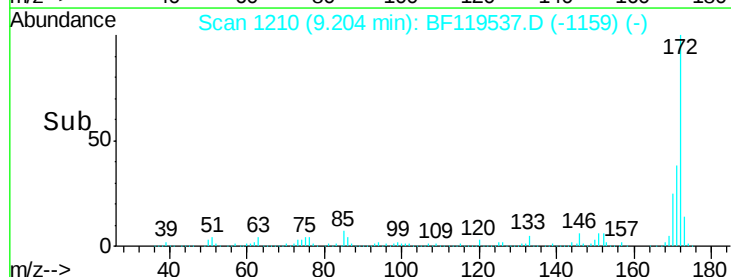
170 25.5 20.1 30.1

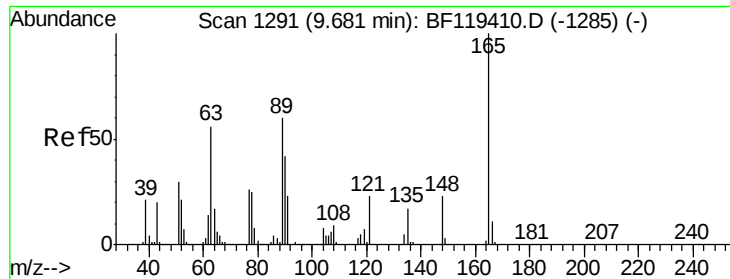


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

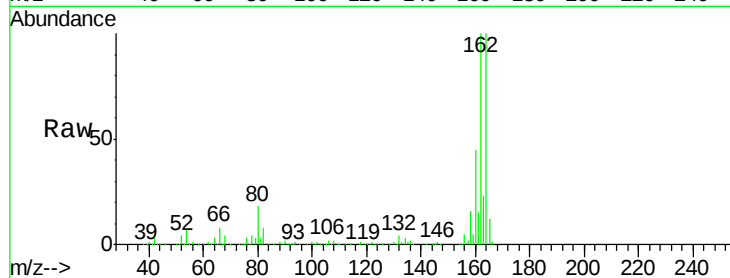




#51
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF119537.D
 Acq: 26 Mar 2020 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB127823BL

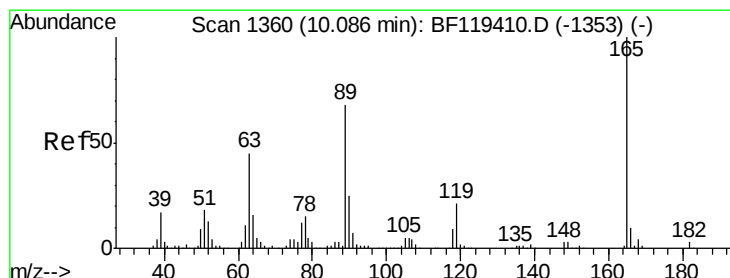
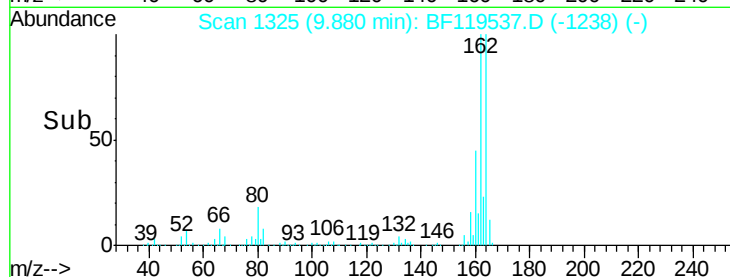
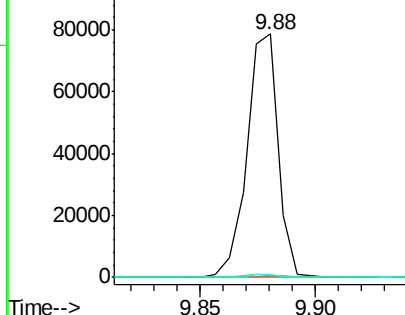
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	57.3	85.9#
89	1.5	47.8	71.8#



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



#57
 2,4-Dinitrotoluene
 Concen: 6.58 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF119537.D
 Acq: 26 Mar 2020 18:50

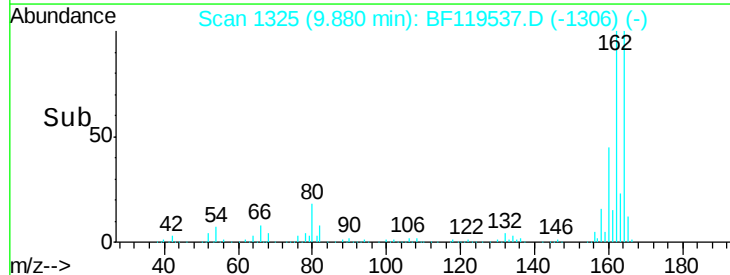
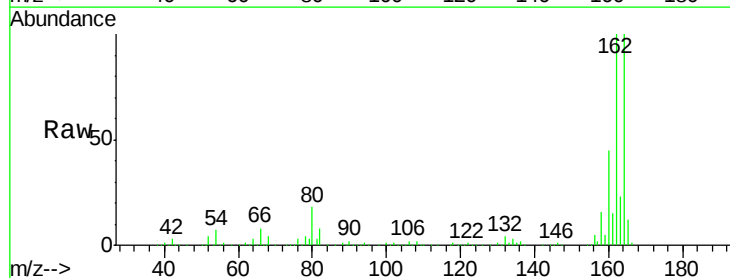
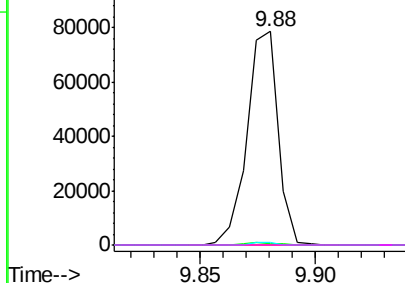
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	1.5	54.3	81.5#
182	0.0	2.0	3.0#

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

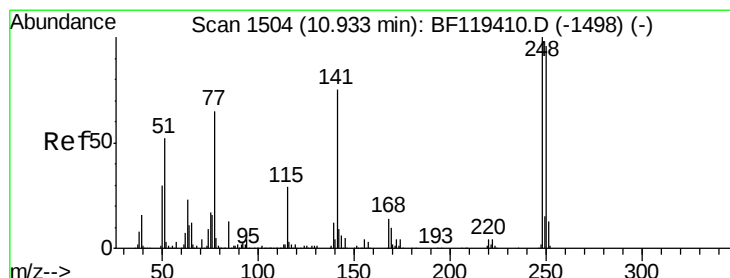
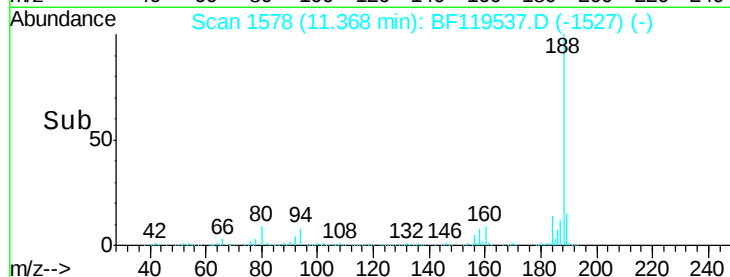
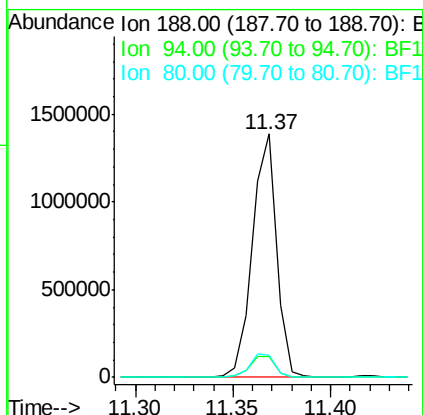
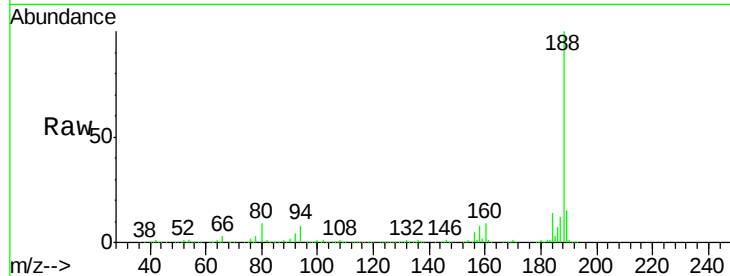




#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF119537.D
 Acq: 26 Mar 2020 18:50

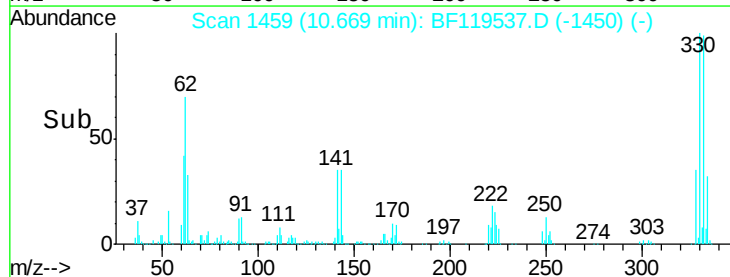
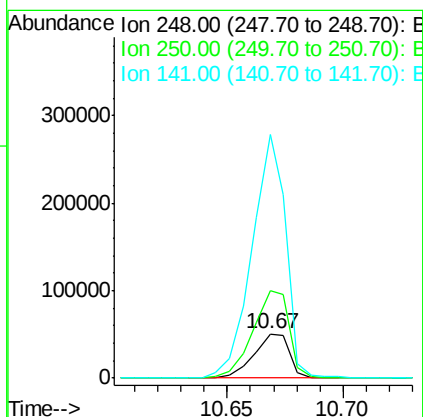
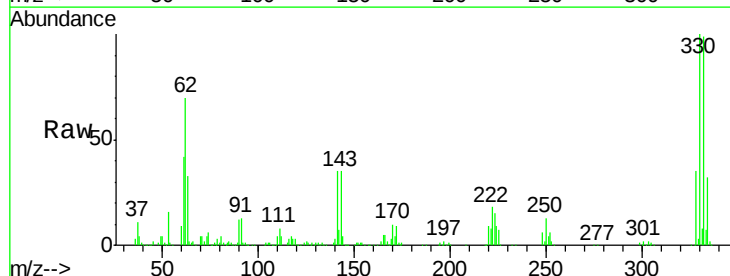
Instrument :
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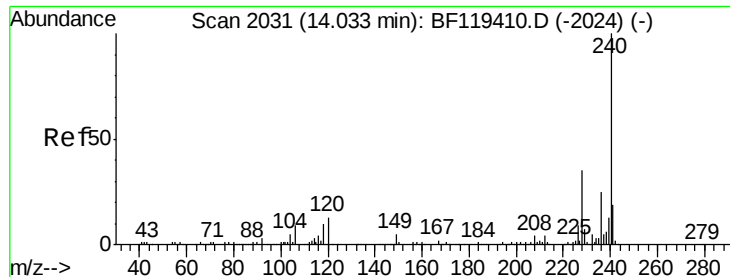
Tgt Ion:188 Resp: 1191472
 Ion Ratio Lower Upper
 188 100
 94 8.3 7.1 10.7
 80 8.9 7.5 11.3



#67
 4-Bromophenyl-phenylether
 Concen: 4.01 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF119537.D
 Acq: 26 Mar 2020 18:50

Tgt Ion:248 Resp: 54428
 Ion Ratio Lower Upper
 248 100
 250 196.0 77.0 115.6#
 141 548.2 59.7 89.5#

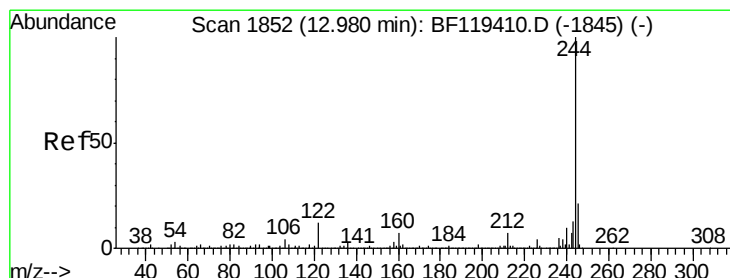
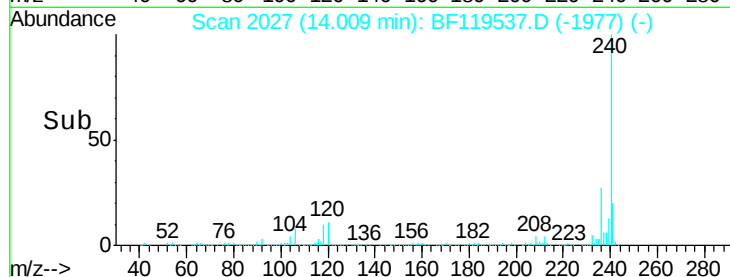
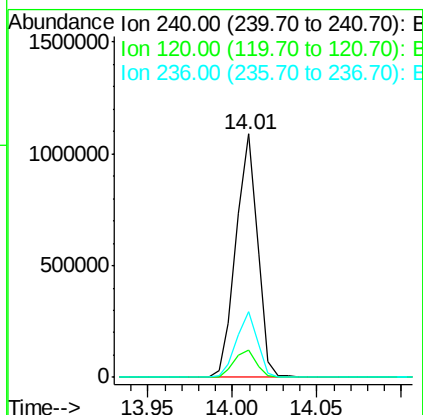
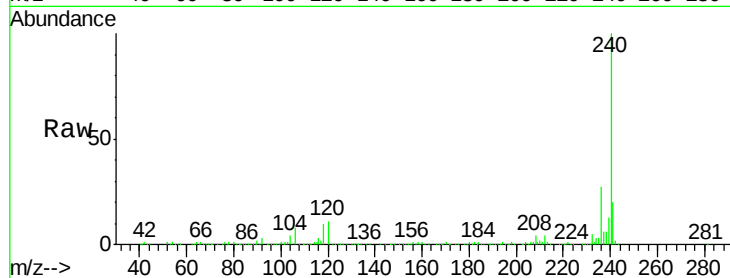




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119537.D
Acq: 26 Mar 2020 18:50

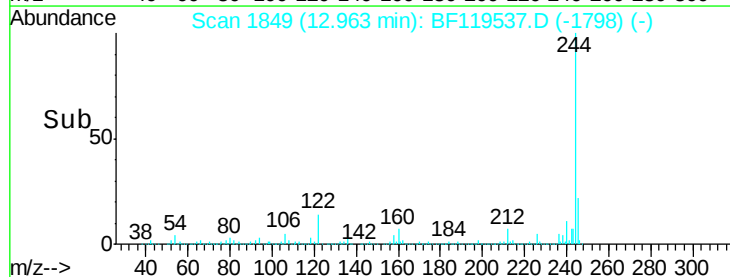
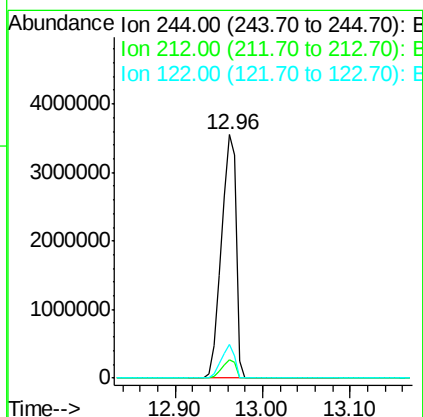
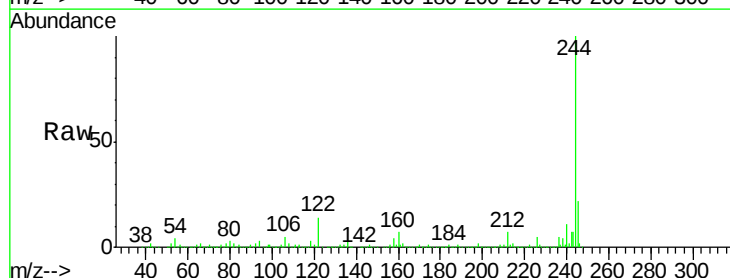
Instrument :
BNA_F
ClientSampleId :
PB127823BL

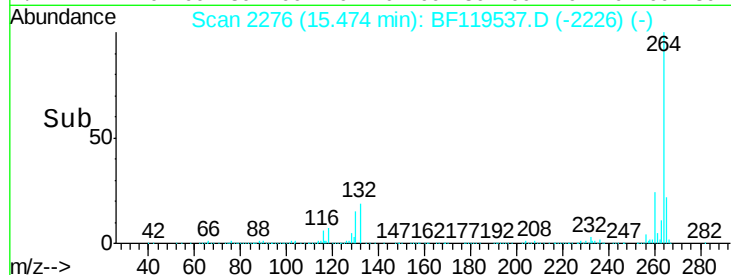
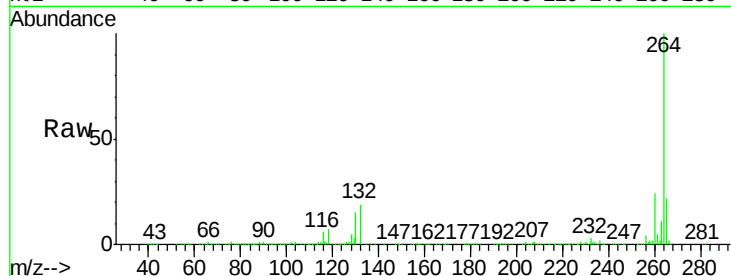
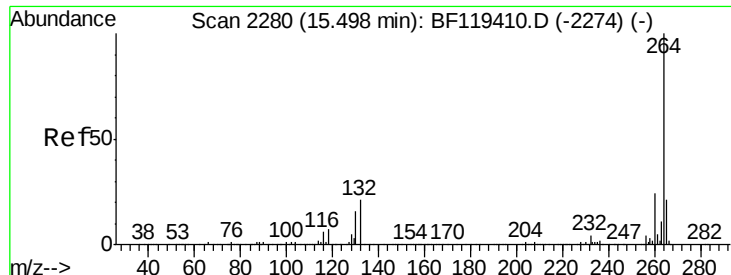
Tgt Ion:240 Resp: 967339
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 26.8 20.4 30.6



#79
Terphenyl-d14
Concen: 84.53 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF119537.D
Acq: 26 Mar 2020 18:50

Tgt Ion:244 Resp: 4173394
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 14.0 9.8 14.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119537.D
Acq: 26 Mar 2020 18:50

Instrument :
BNA_F
ClientSampleId :
PB127823BL

Tgt Ion:	264	Resp:	944678
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	22.3	16.9	25.3

