

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119510.D
 Acq On : 25 Mar 2020 18:04
 Operator : CG/JU
 Sample : L2028-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-(8-8.5)

Quant Time: Mar 26 02:01:36 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

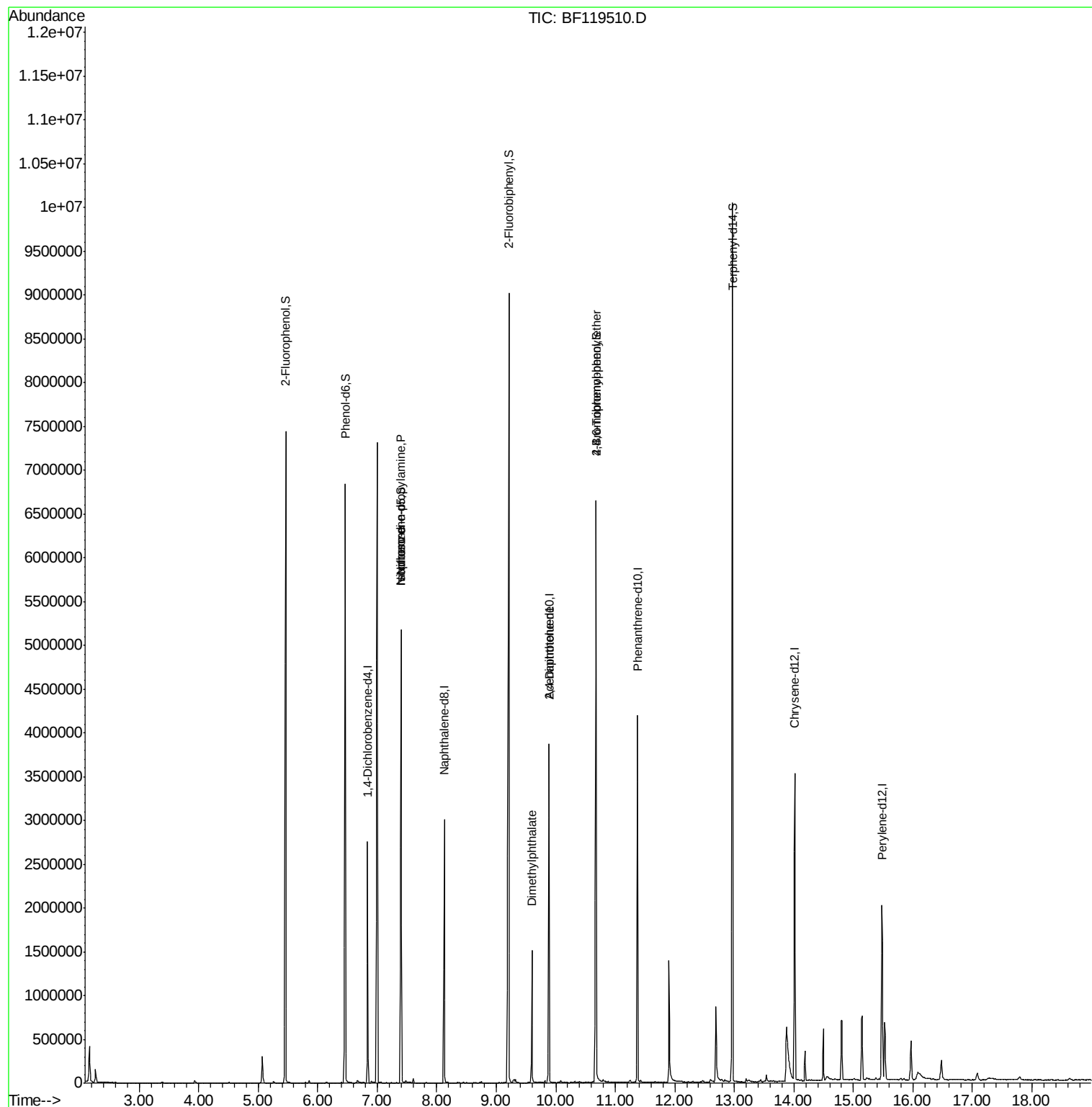
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	386045	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1483737	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	794773	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1533600	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1146567	20.00	ng	-0.02
87) Perylene-d12	15.48	264	913318	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2180207	89.90	ng	0.00
7) Phenol-d6	6.46	99	2801128	90.42	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1778006	65.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	858272	104.68	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	3354862	62.54	ng	-0.01
79) Terphenyl-d14	12.97	244	3808637	65.08	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	238663	12.78	ng	# 72
25) Isophorone	7.40	82	1767809	31.92	ng	# 66
50) Dimethylphthalate	9.60	163	548850	9.72	ng	99
57) 2,4-Dinitrotoluene	9.89	165	101051	6.63	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	52444	3.00	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
Data File : BF119510.D
Acq On : 25 Mar 2020 18:04
Operator : CG/JU
Sample : L2028-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

Quant Time: Mar 26 02:01:36 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



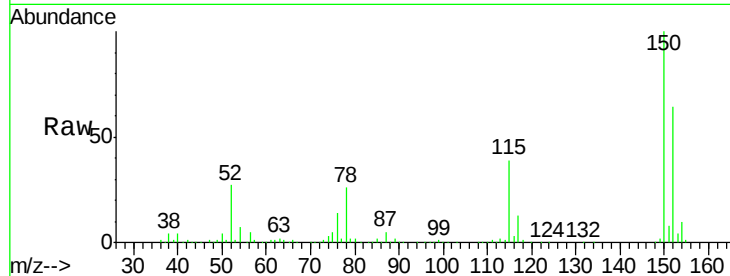


#1

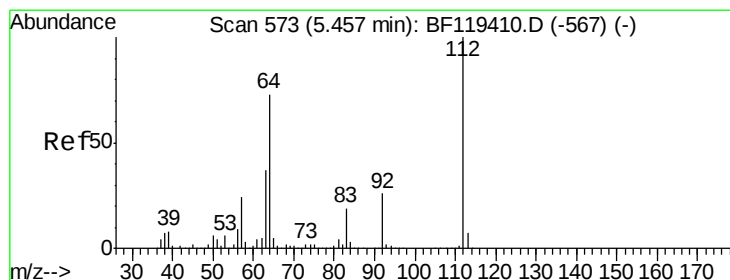
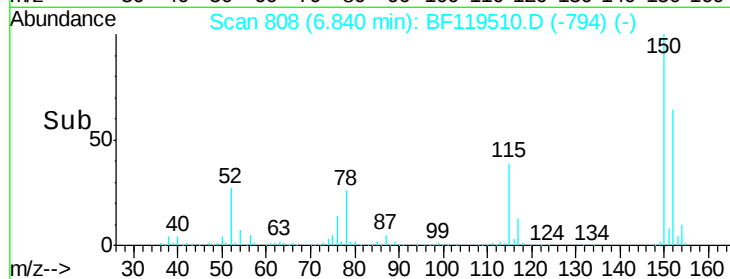
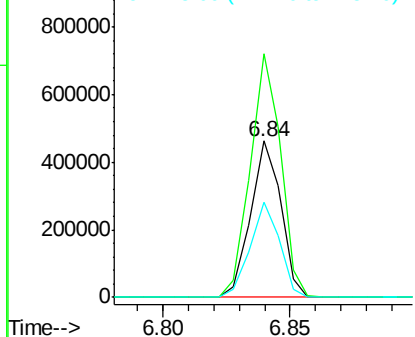
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

Tgt Ion:152 Resp: 386045
Ion Ratio Lower Upper
152 100
150 155.9 123.9 185.9
115 61.0 47.8 71.6



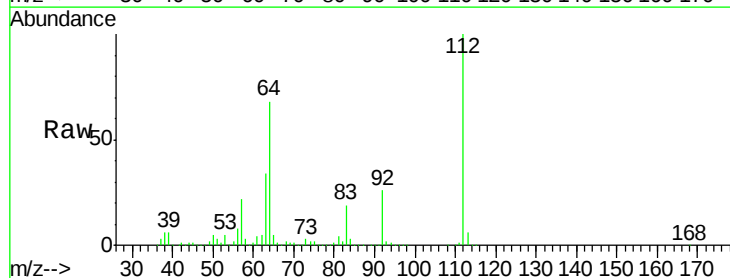
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



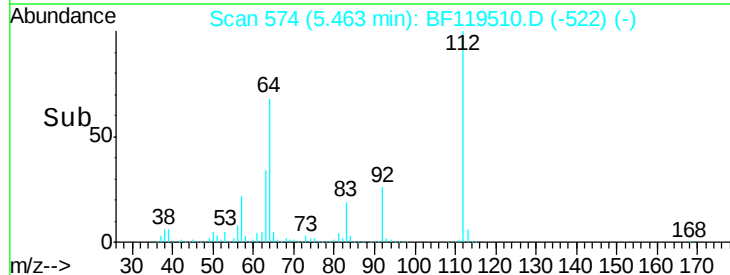
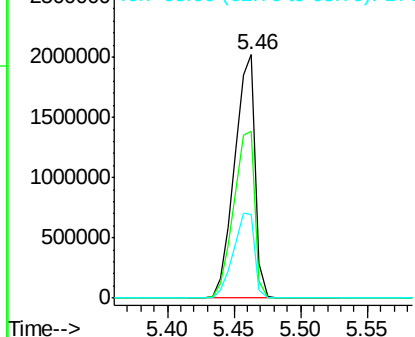
#5

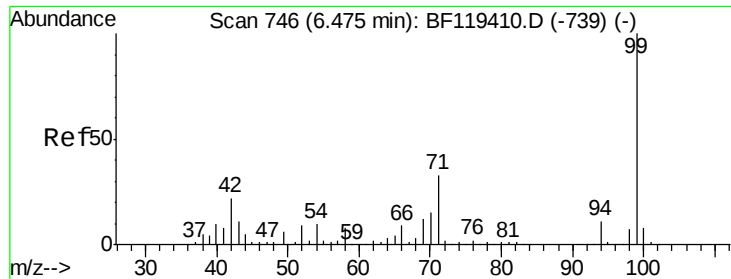
2-Fluorophenol
Concen: 89.90 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Tgt Ion:112 Resp: 2180207
Ion Ratio Lower Upper
112 100
64 68.4 58.1 87.1
63 34.4 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: 90.42 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

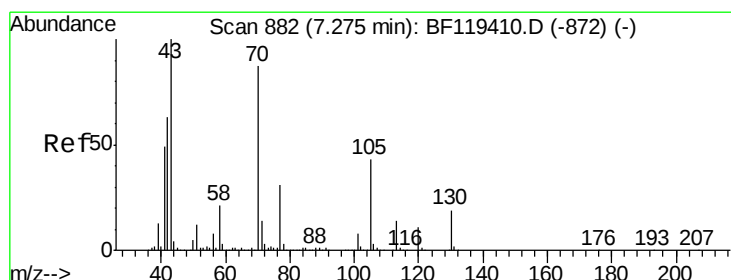
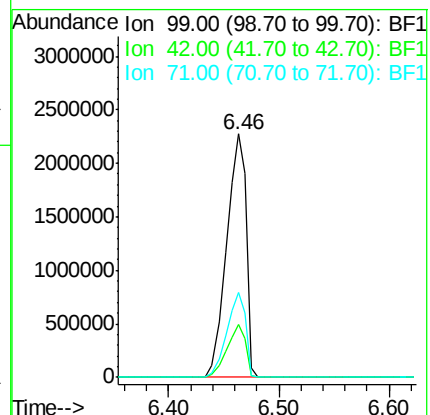
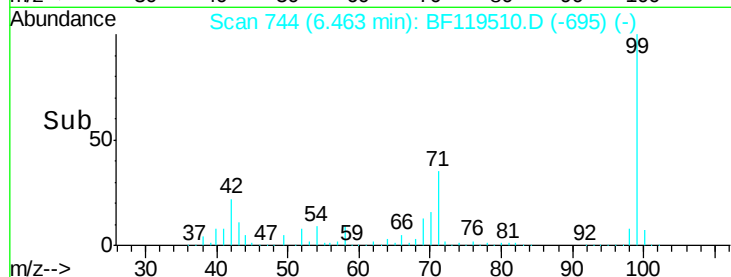
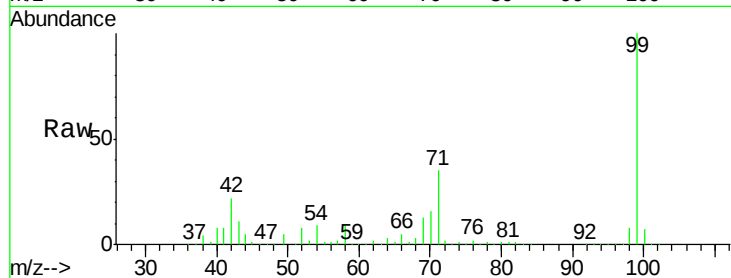
Tgt Ion: 99 Resp: 2801128

Ion Ratio Lower Upper

99 100

42 21.9 17.8 26.6

71 34.9 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.78 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

Tgt Ion: 70 Resp: 238663

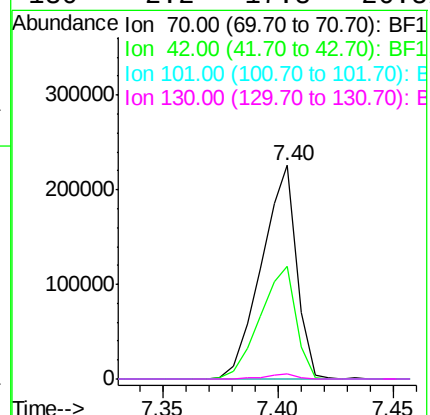
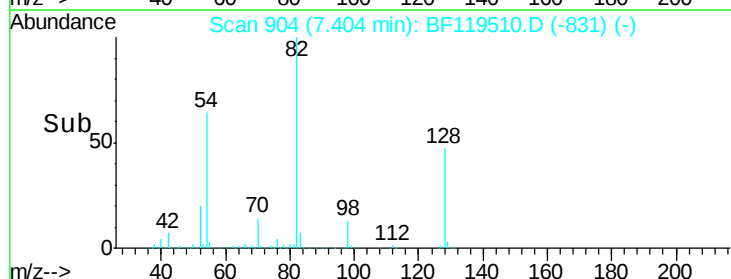
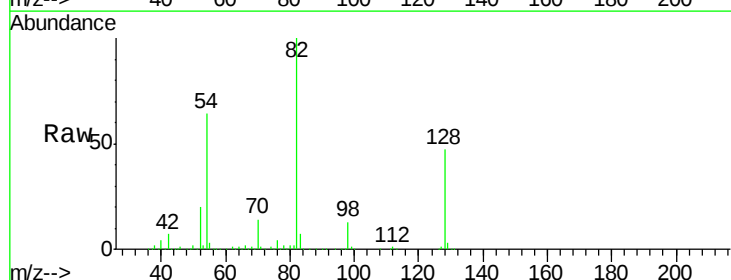
Ion Ratio Lower Upper

70 100

42 52.5 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

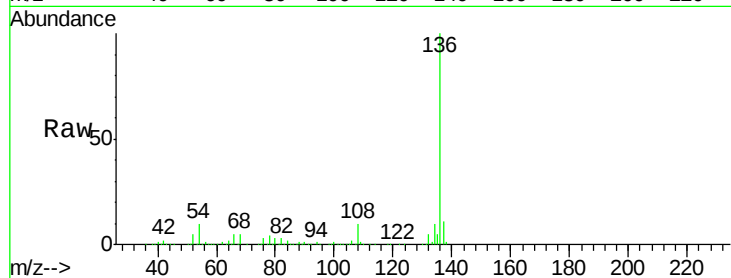




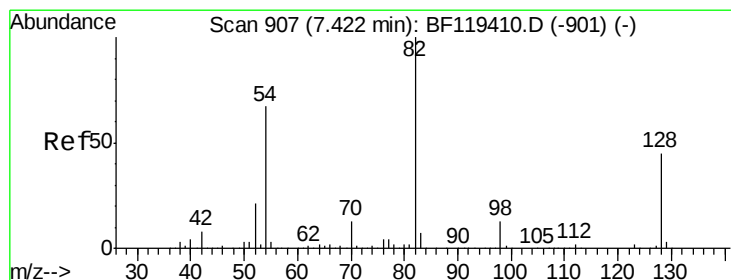
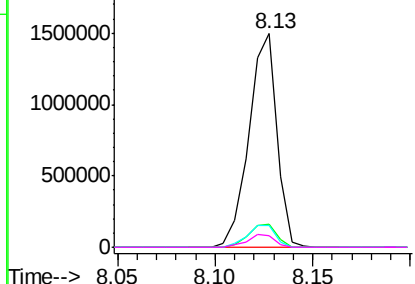
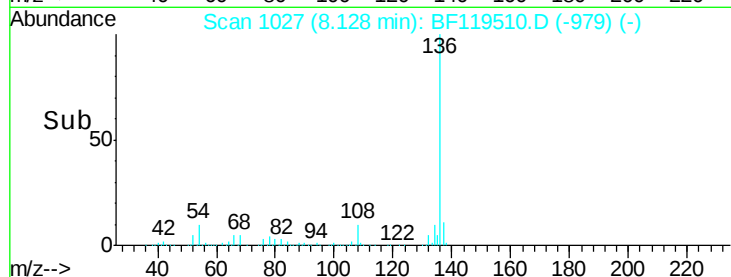
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

Tgt Ion:	136	Resp:	1483737
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	10.3	8.3	12.5
68	5.3	4.9	7.3

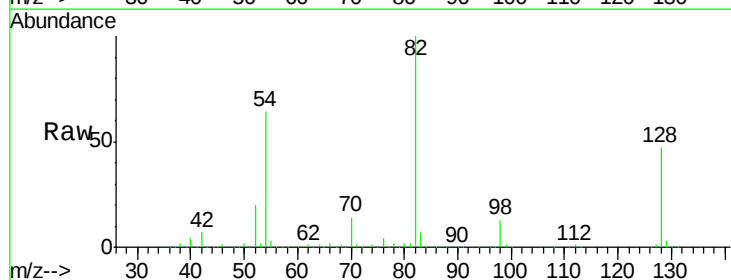


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

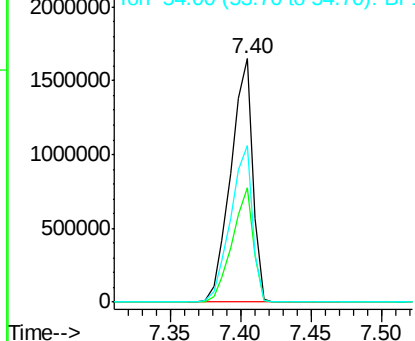
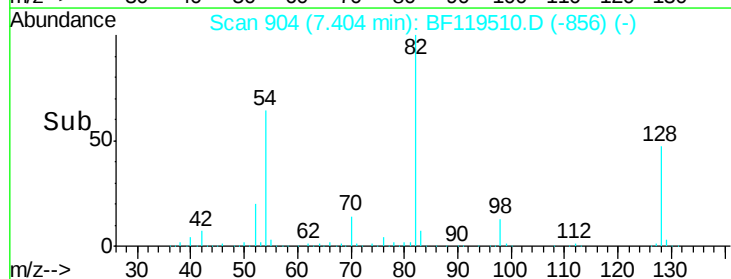


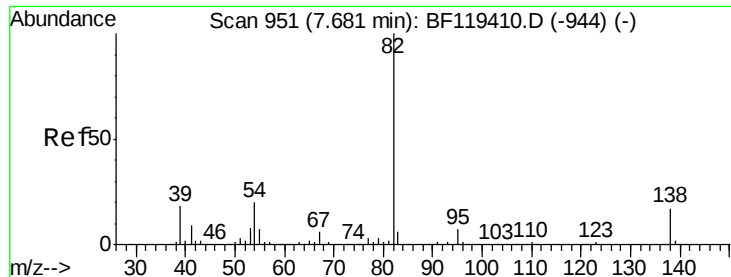
#23
Nitrobenzene-d5
Concen: 65.13 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Tgt Ion:	82	Resp:	1778006
Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.8	53.8
54	64.3	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: 31.92 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

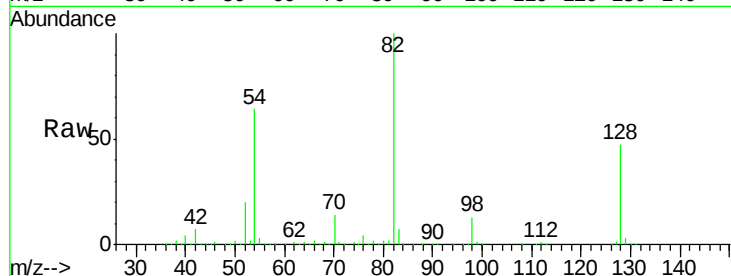
Tgt Ion: 82 Resp: 1767809

Ion Ratio Lower Upper

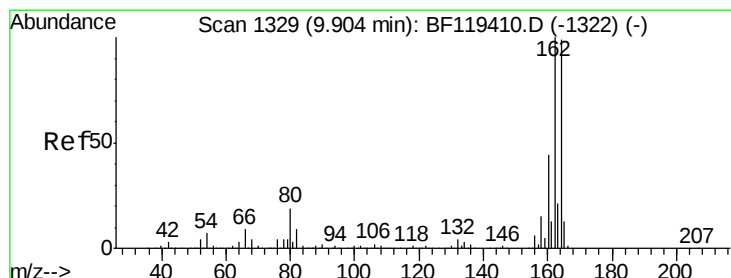
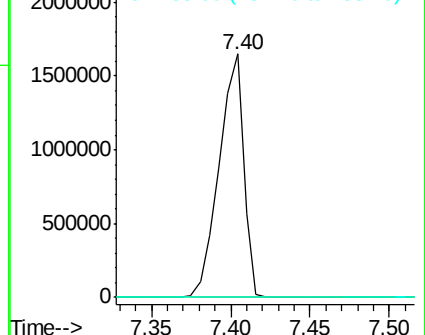
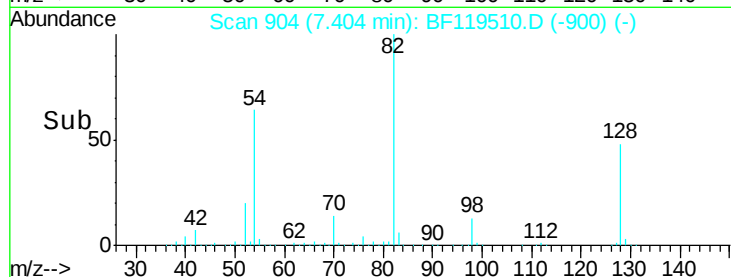
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

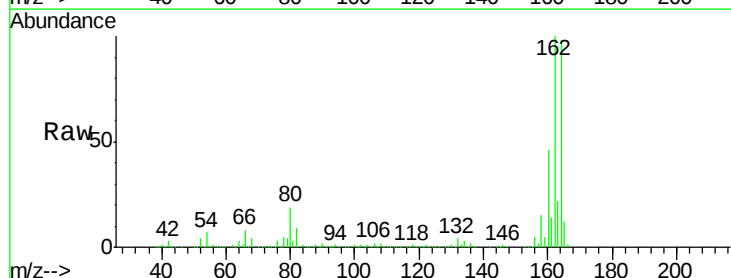
Tgt Ion: 164 Resp: 794773

Ion Ratio Lower Upper

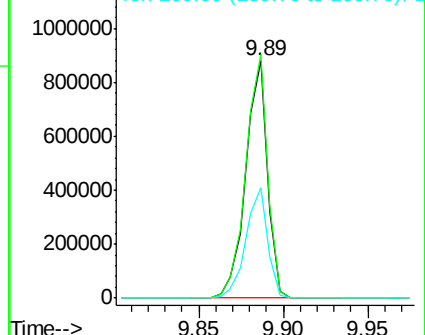
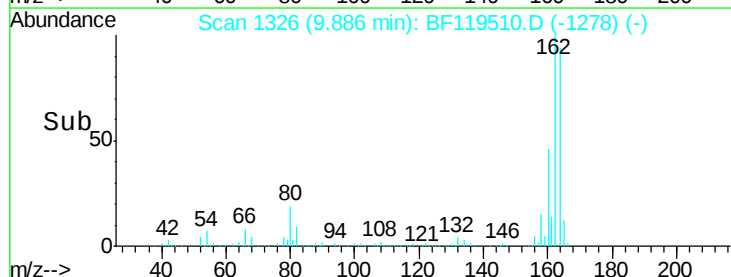
164 100

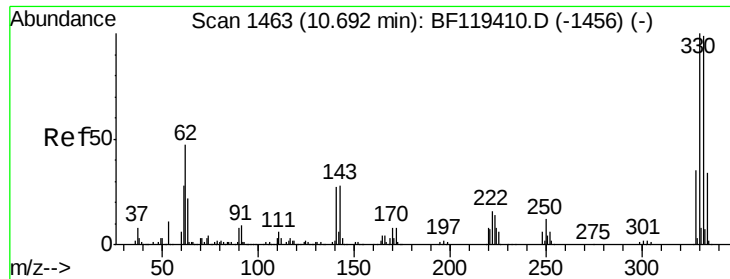
162 102.5 80.7 121.1

160 46.7 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: 104.68 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

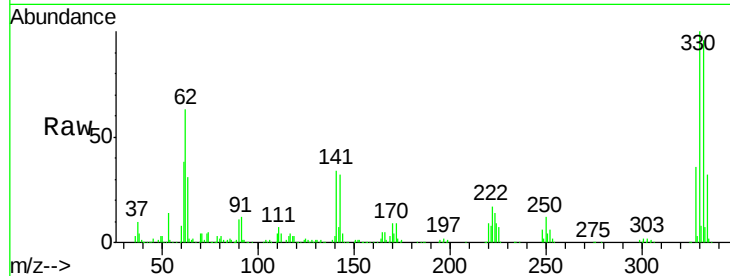
Tgt Ion:330 Resp: 858272

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

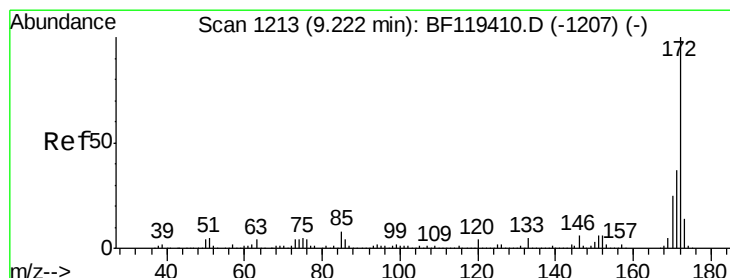
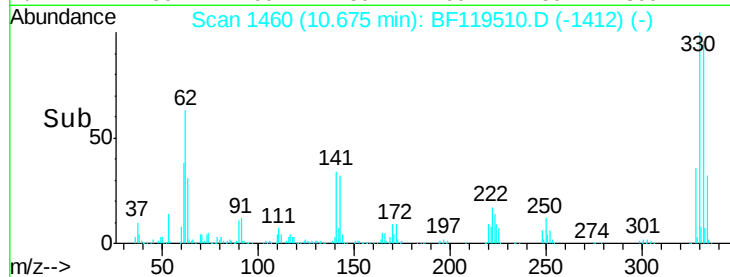
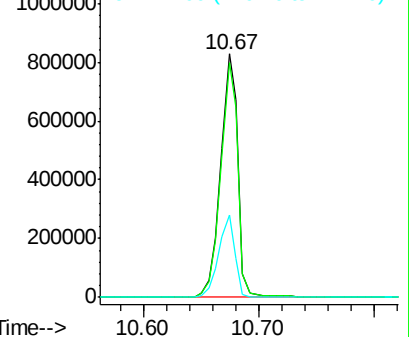
141 32.0 26.6 40.0



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: 62.54 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119510.D

Acq: 25 Mar 2020 18:04

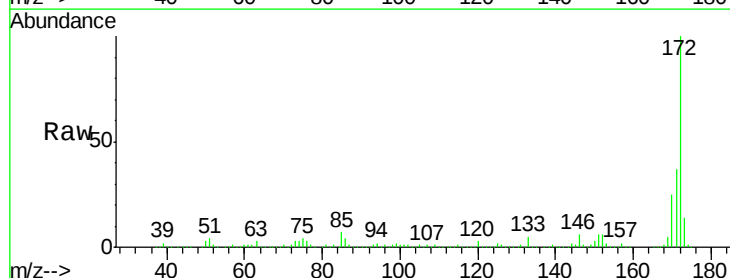
Tgt Ion:172 Resp: 3354862

Ion Ratio Lower Upper

172 100

171 37.2 29.9 44.9

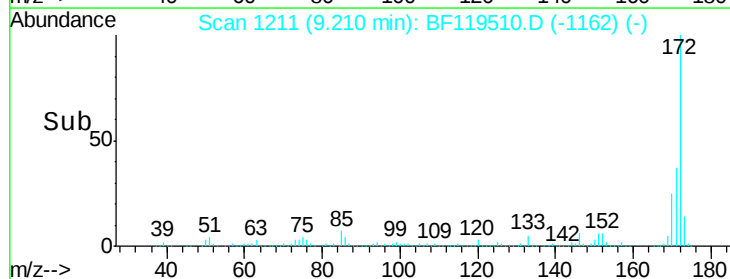
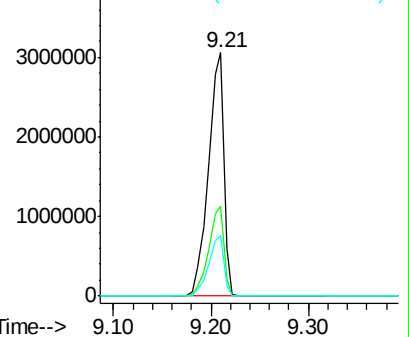
170 24.9 20.1 30.1

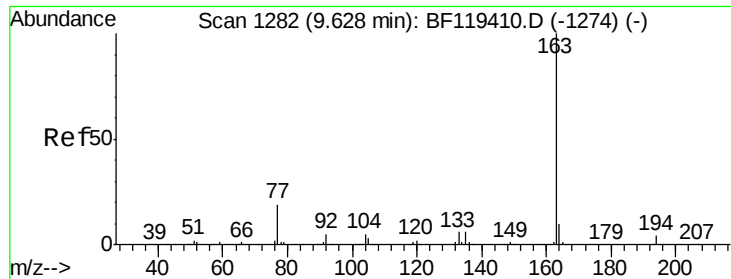


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

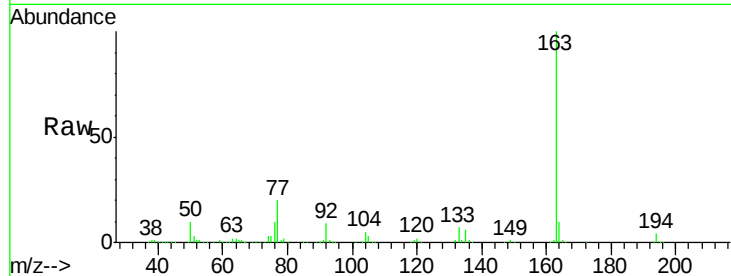




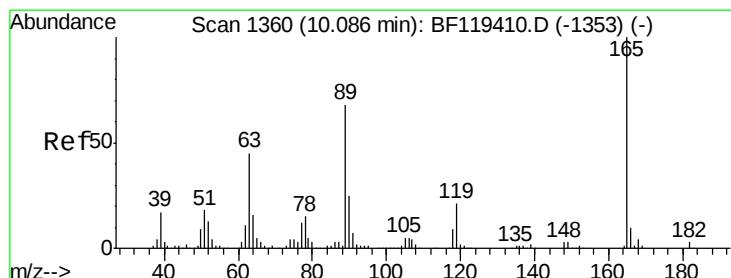
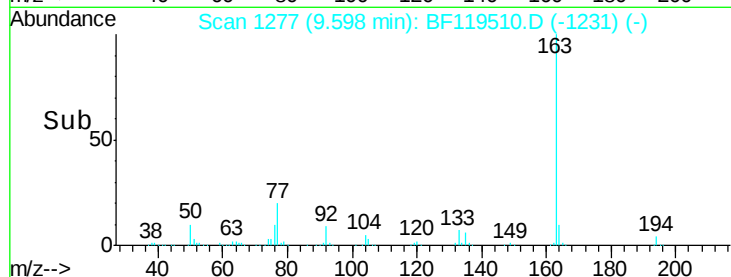
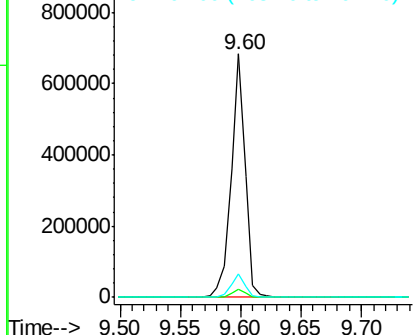
#50
Dimethylphthalate
Concen: 9.72 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

Tgt Ion:163 Resp: 548850
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.9 8.1 12.1

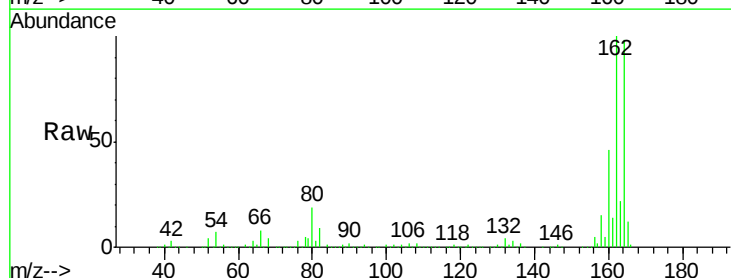


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

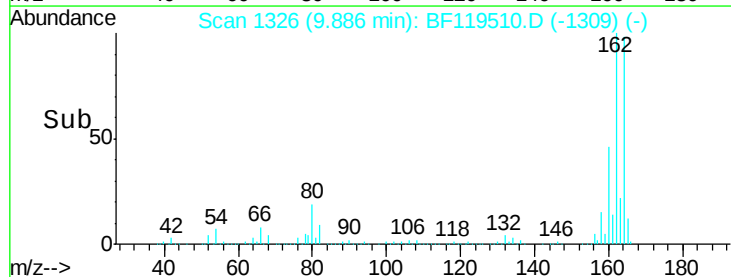
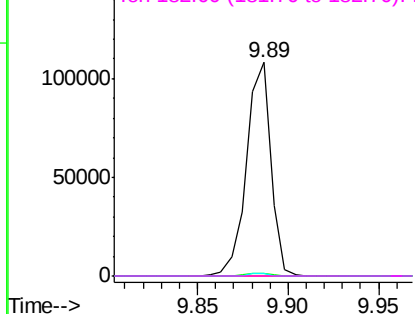


#57
2,4-Dinitrotoluene
Concen: 6.63 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Tgt Ion:165 Resp: 101051
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.4 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

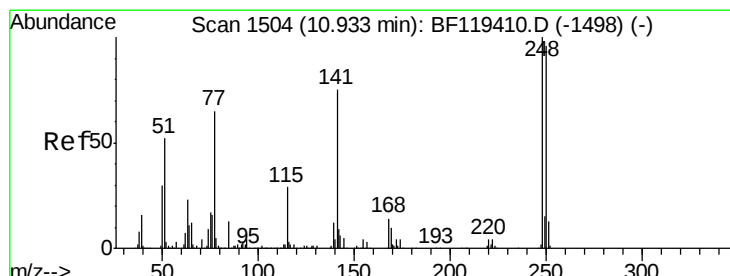
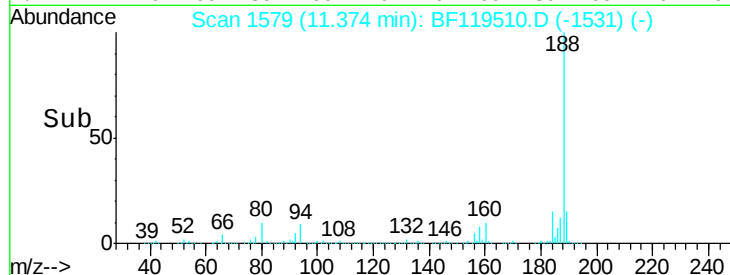
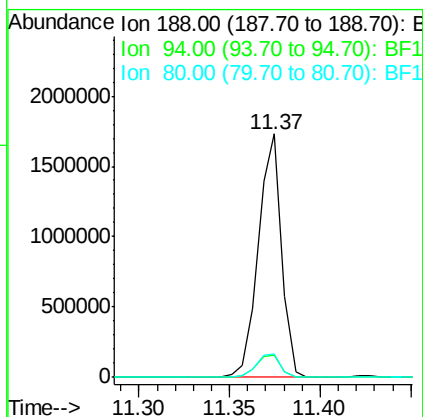
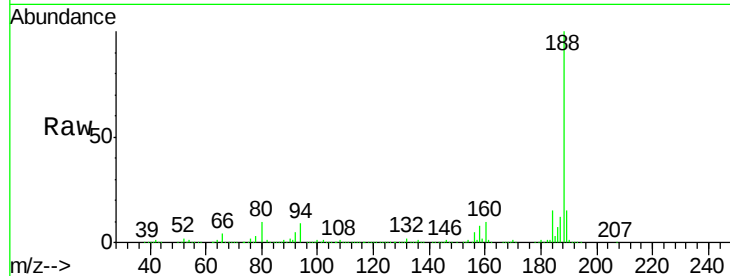




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

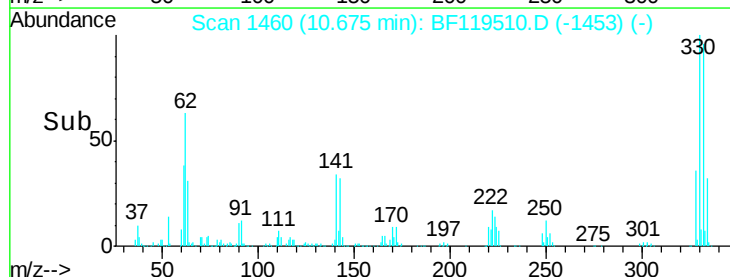
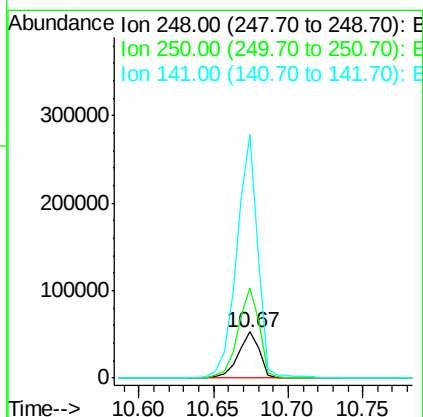
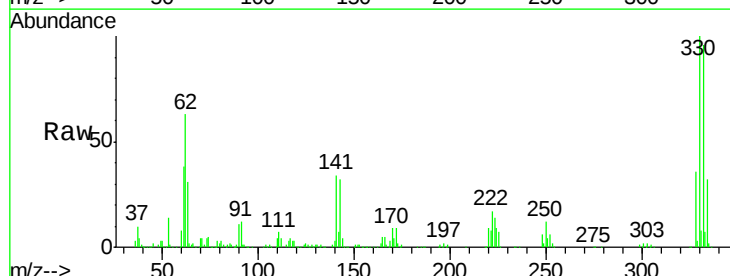
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

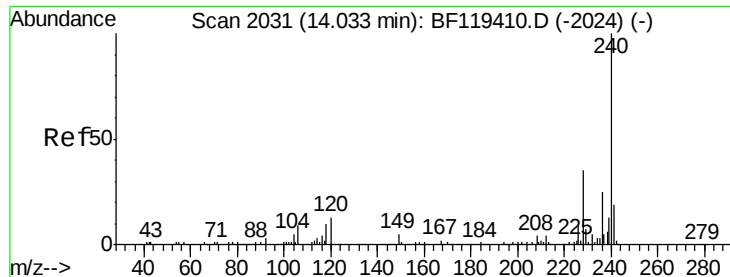
Tgt Ion:188 Resp: 1533600
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.26 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Tgt Ion:248 Resp: 52444
Ion Ratio Lower Upper
248 100
250 196.6 77.0 115.6#
141 530.5 59.7 89.5#

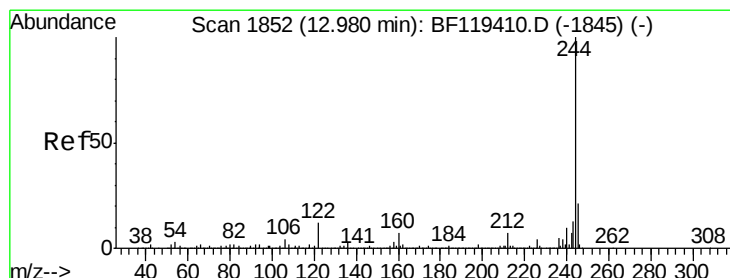
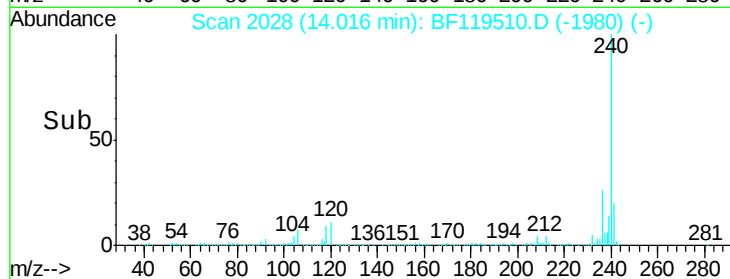
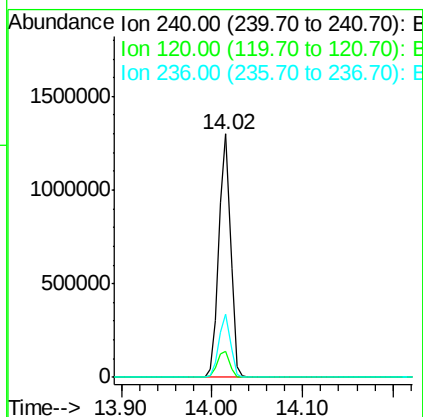
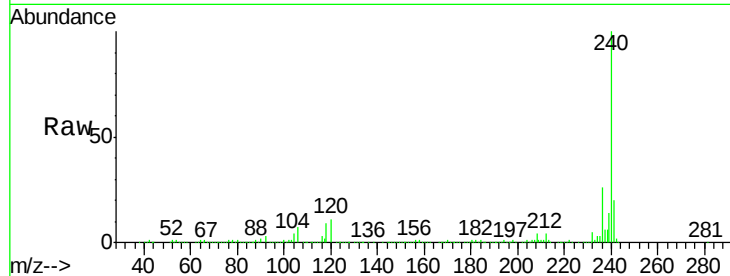




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

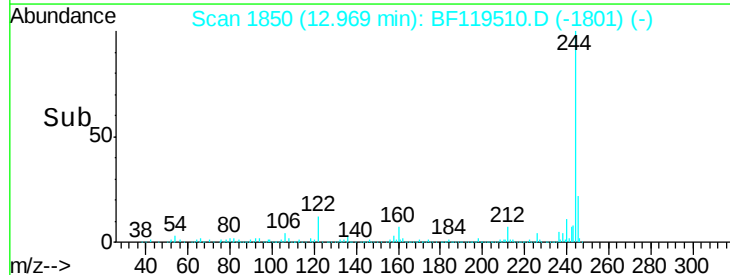
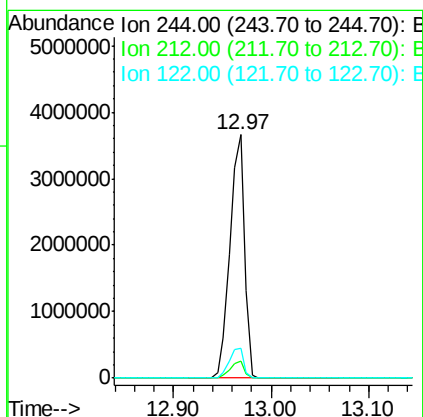
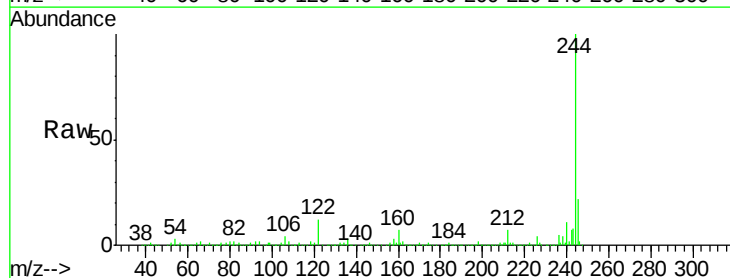
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

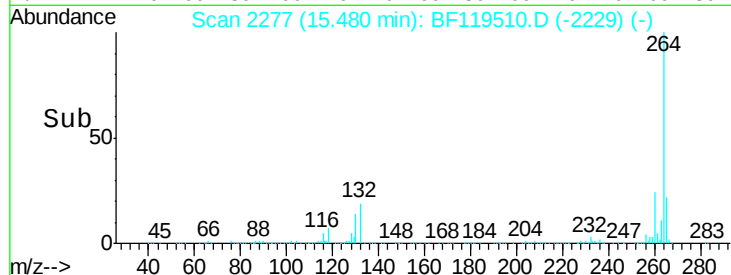
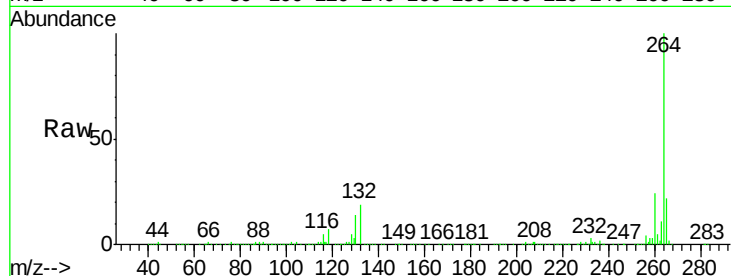
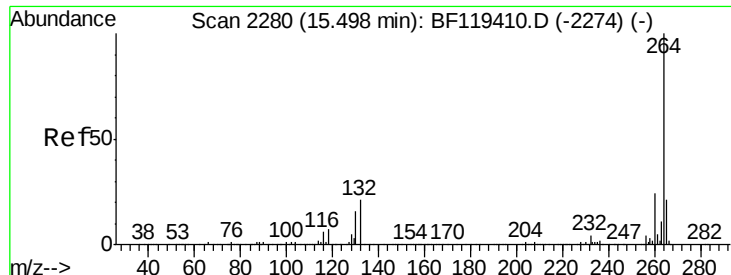
Tgt Ion:240 Resp: 1146567
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.8 20.4 30.6



#79
Terphenyl-d14
Concen: 65.08 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Tgt Ion:244 Resp: 3808637
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 12.5 9.8 14.8





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF119510.D
Acq: 25 Mar 2020 18:04

Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

Tgt Ion:	264	Resp:	913318
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	22.3	16.9	25.3

