

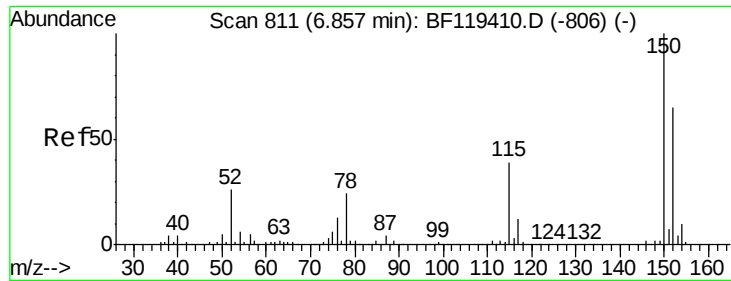
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119541.D
 Acq On : 26 Mar 2020 20:38
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

Quant Time: Mar 27 00:45:13 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	287684	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1082520	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	594951	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1161901	20.00	ng	0.00
76) Chrysene-d12	14.01	240	946184	20.00	ng	0.00
87) Perylene-d12	15.47	264	900847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1759016	97.34	ng	0.01
7) Phenol-d6	6.46	99	2309079	100.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	1423261	71.45	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	715752	116.61	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2685531	66.87	ng	0.00
79) Terphenyl-d14	12.96	244	3074574	63.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	190104	13.66	ng	# 72
25) Isophorone	7.40	82	1417579	35.08	ng	# 66
50) Dimethylphthalate	9.59	163	373955	8.85	ng	99
57) 2,4-Dinitrotoluene	9.88	165	76550	6.71	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	43318	3.27	ng	# 1

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

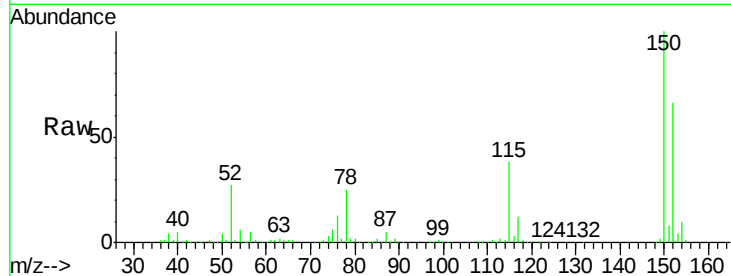


#1

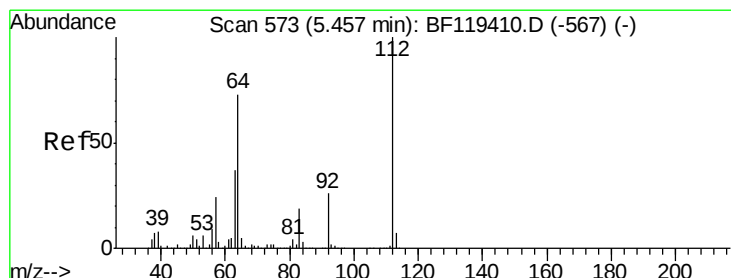
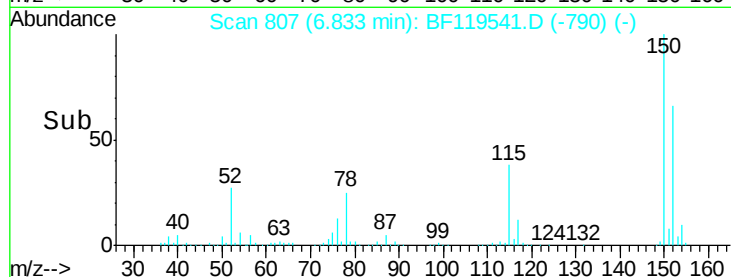
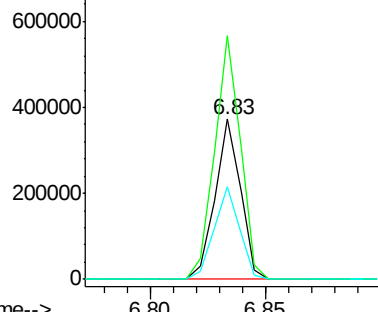
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF119541.D
 Acq: 26 Mar 2020 20:38

Instrument :
 BNA_F
 ClientSampleId :
 FE-SB-32-(8.5-9)

Tgt Ion:152 Resp: 287684
 Ion Ratio Lower Upper
 152 100
 150 151.9 123.9 185.9
 115 57.9 47.8 71.6



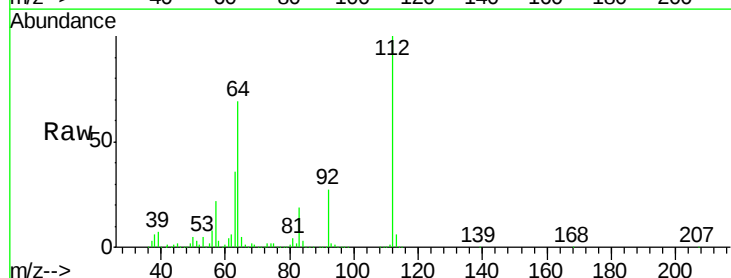
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



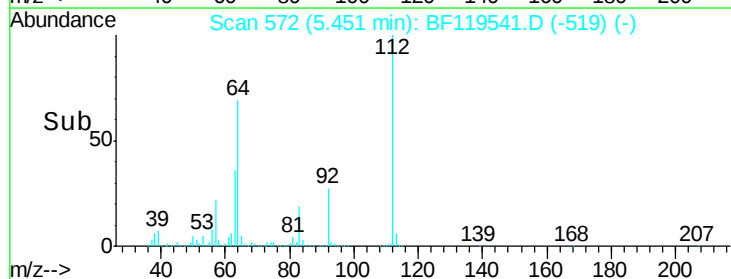
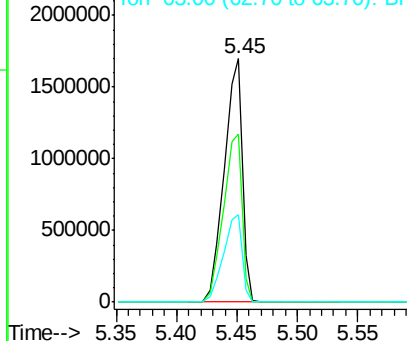
#5

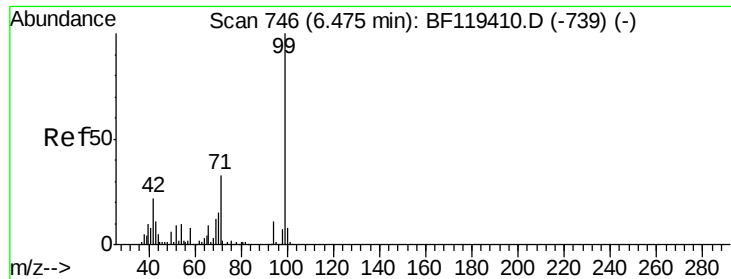
2-Fluorophenol
 Concen: 97.34 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF119541.D
 Acq: 26 Mar 2020 20:38

Tgt Ion:112 Resp: 1759016
 Ion Ratio Lower Upper
 112 100
 64 68.9 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: 100.02 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

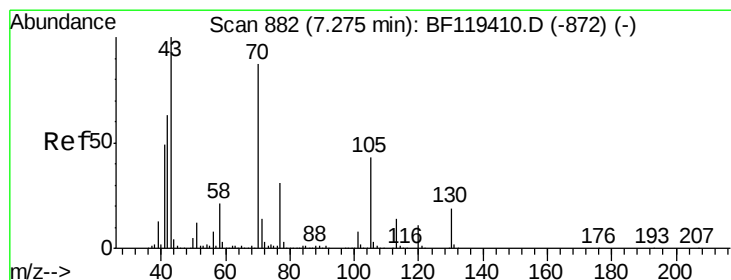
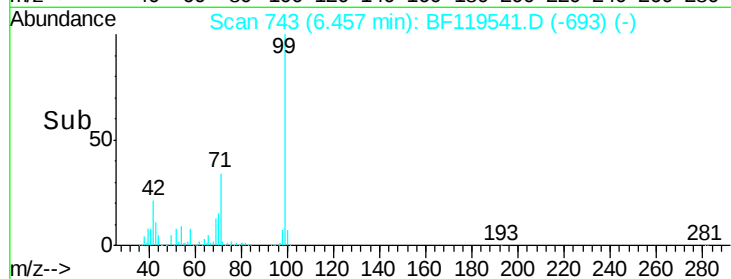
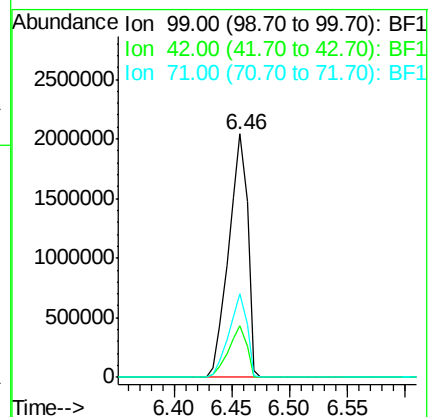
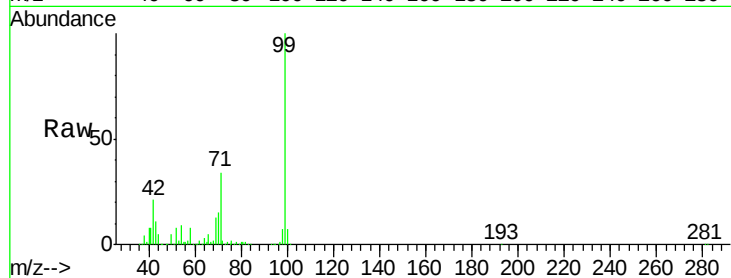
Tgt Ion: 99 Resp: 2309079

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

71 34.1 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.66 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Tgt Ion: 70 Resp: 190104

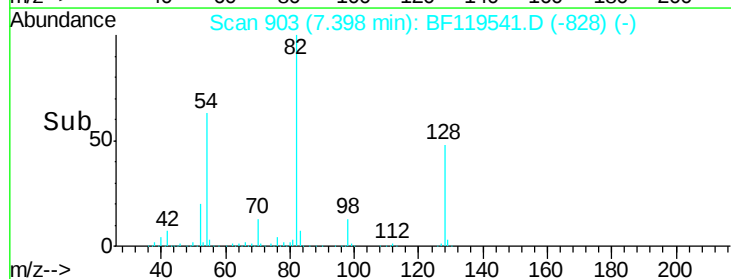
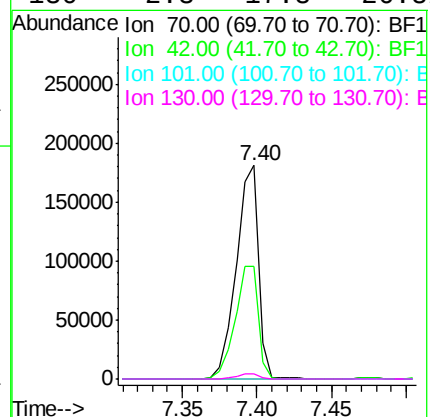
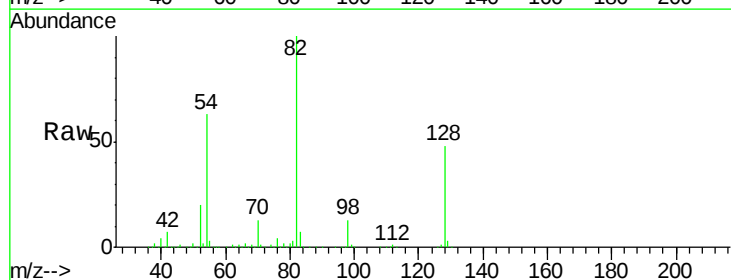
Ion Ratio Lower Upper

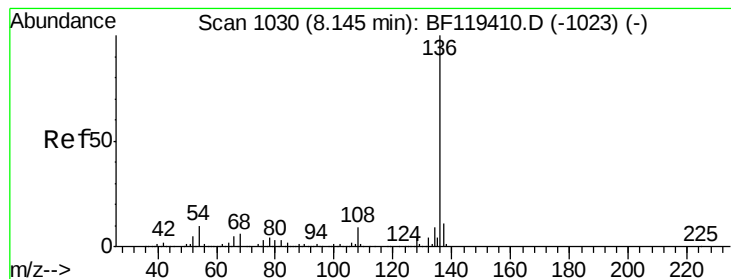
70 100

42 53.0 58.2 87.4#

101 0.0 7.4 11.2#

130 2.3 17.8 26.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

Tgt Ion:136 Resp: 1082520

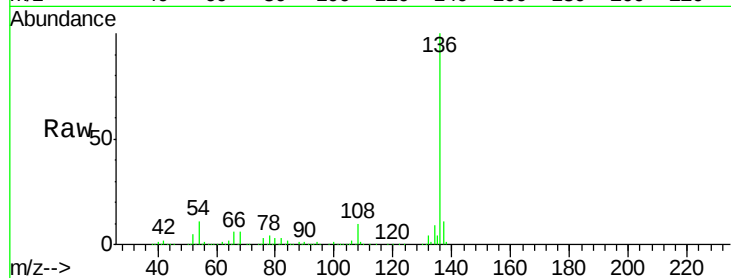
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 11.1 8.3 12.5

68 6.3 4.9 7.3

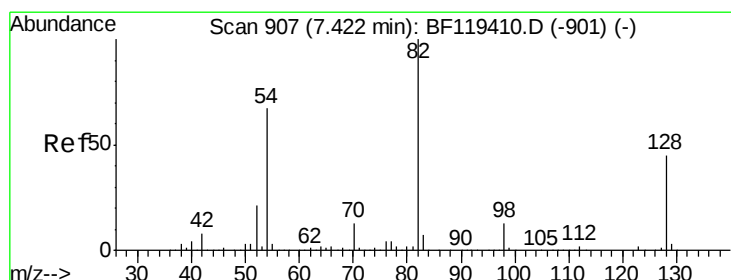
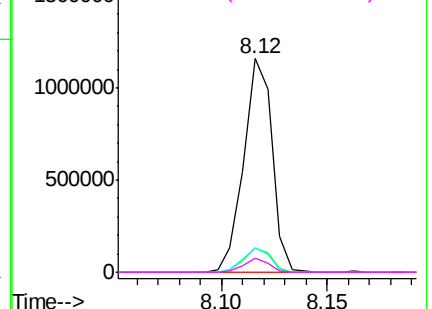
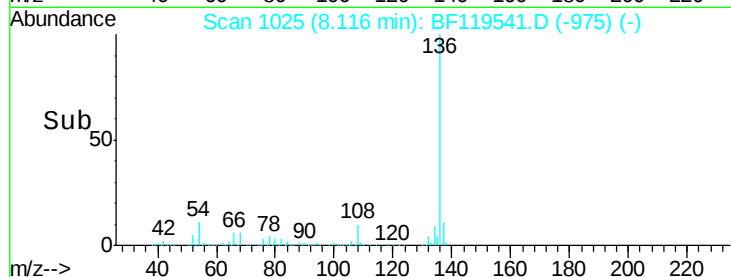


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.45 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

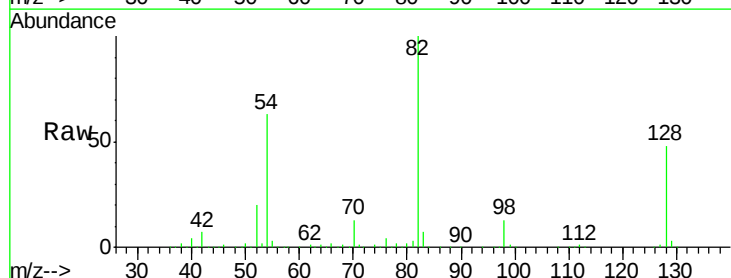
Tgt Ion: 82 Resp: 1423261

Ion Ratio Lower Upper

82 100

128 48.1 35.8 53.8

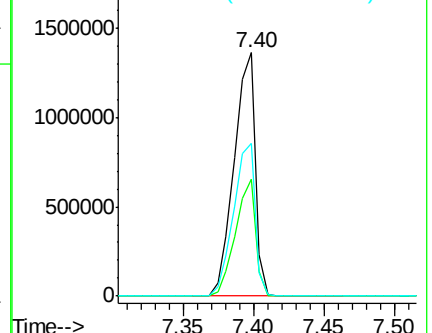
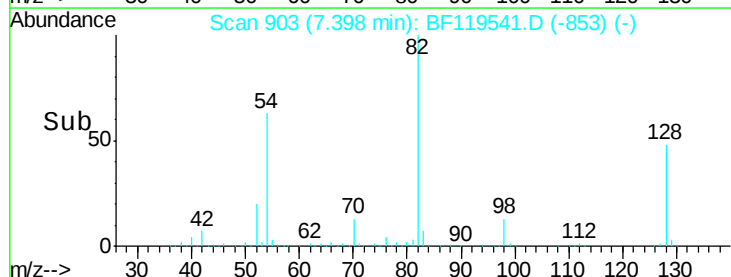
54 62.8 53.4 80.0



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: 35.08 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

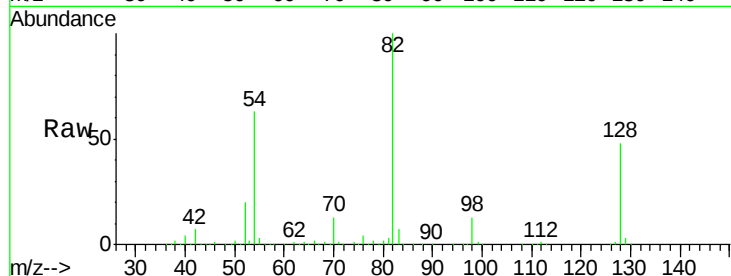
Tgt Ion: 82 Resp: 1417579

Ion Ratio Lower Upper

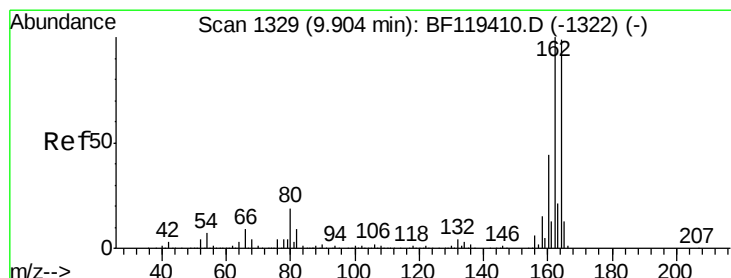
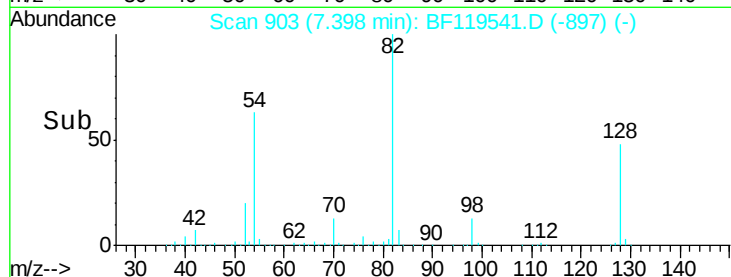
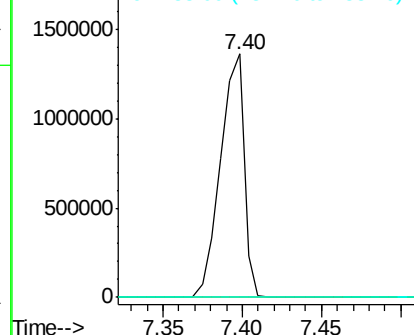
82 100

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: BF119541.D

Acq: 26 Mar 2020 20:38

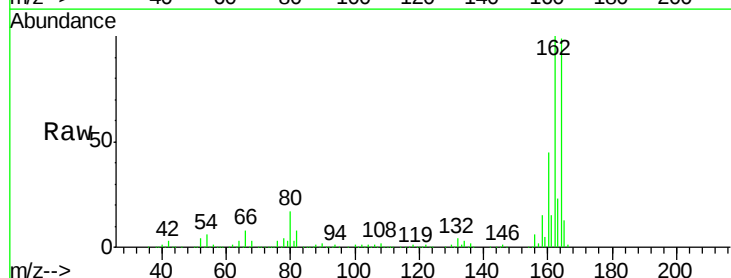
Tgt Ion: 164 Resp: 594951

Ion Ratio Lower Upper

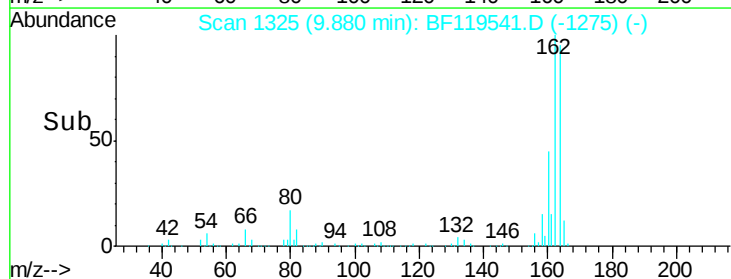
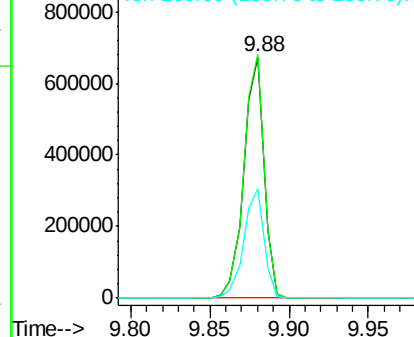
164 100

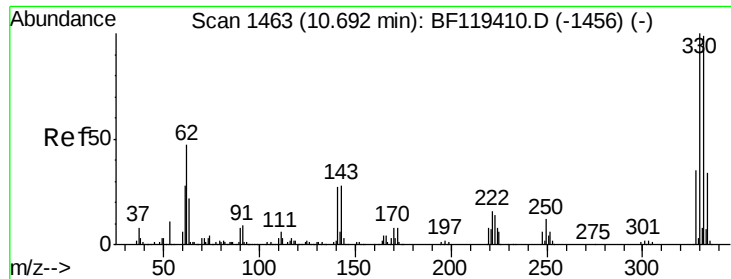
162 101.0 80.7 121.1

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: 116.61 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

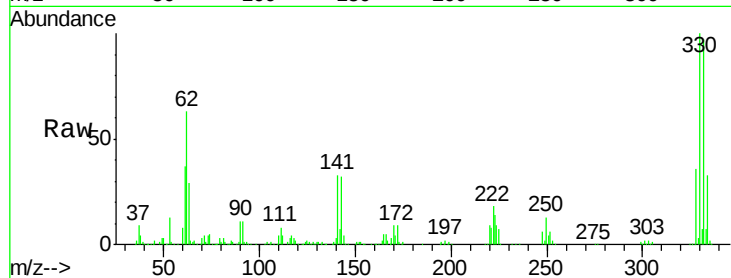
Tgt Ion:330 Resp: 715752

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

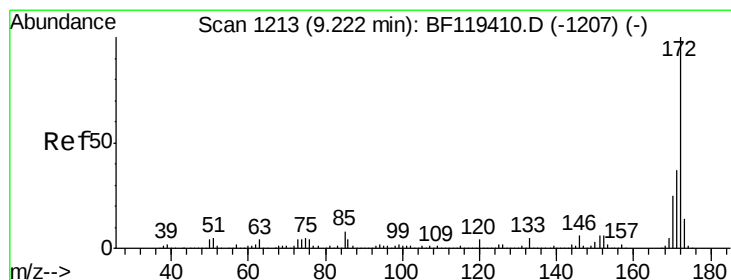
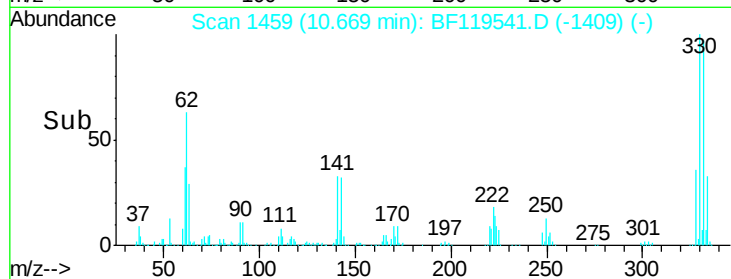
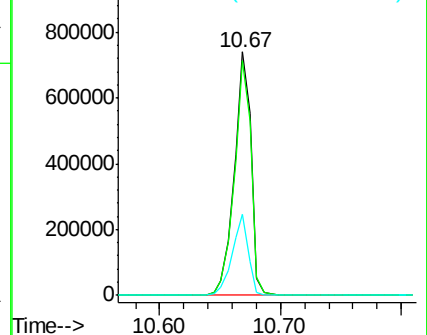
141 32.0 26.6 40.0



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: 66.87 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

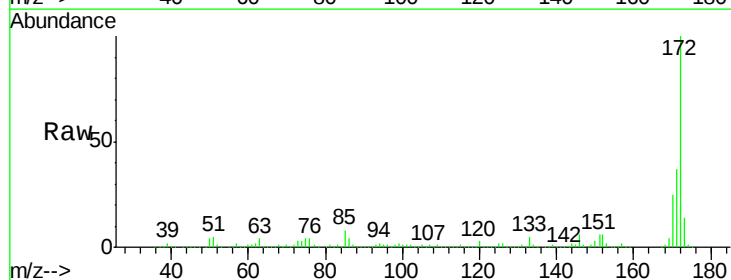
Tgt Ion:172 Resp: 2685531

Ion Ratio Lower Upper

172 100

171 36.6 29.9 44.9

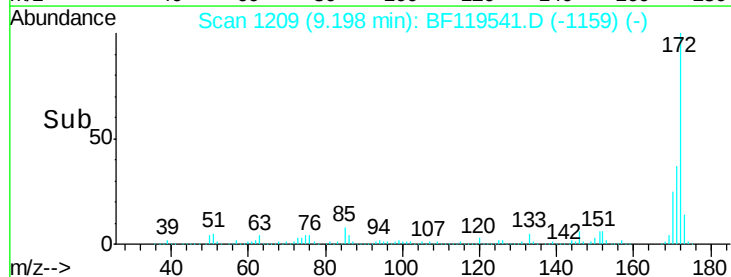
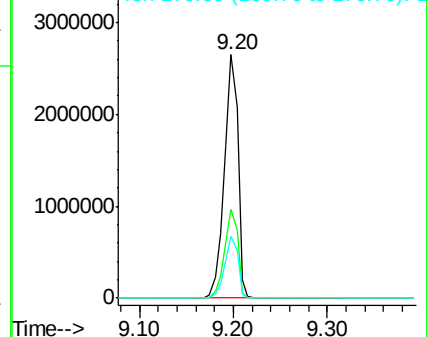
170 25.3 20.1 30.1

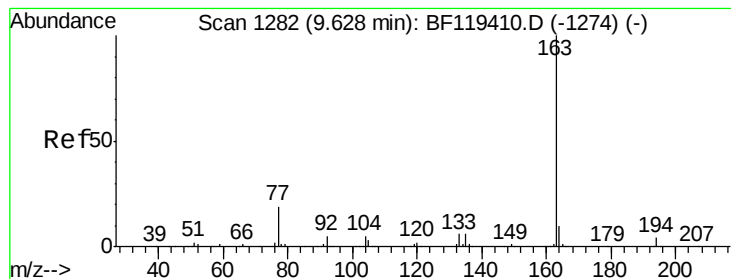


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 8.85 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

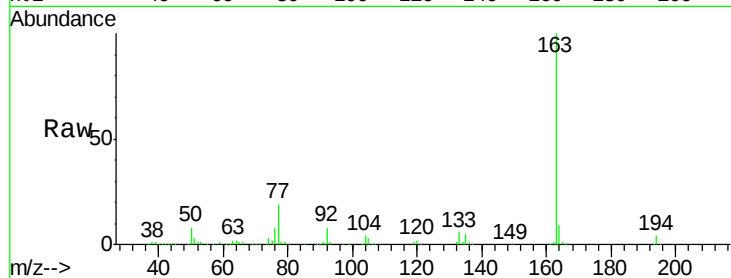
Tgt Ion:163 Resp: 373955

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

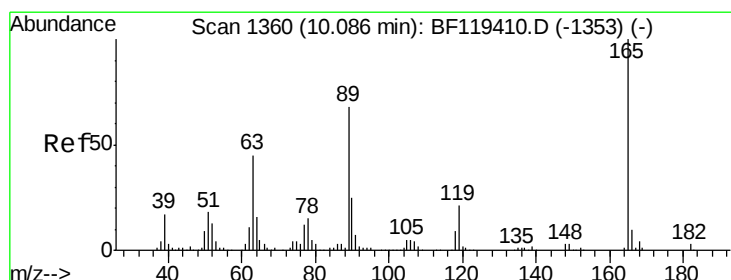
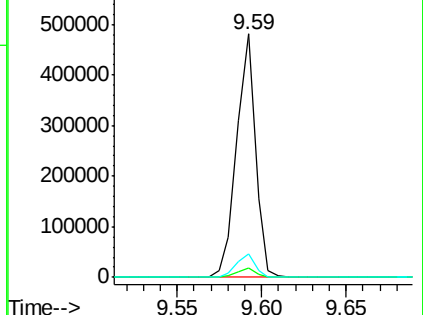
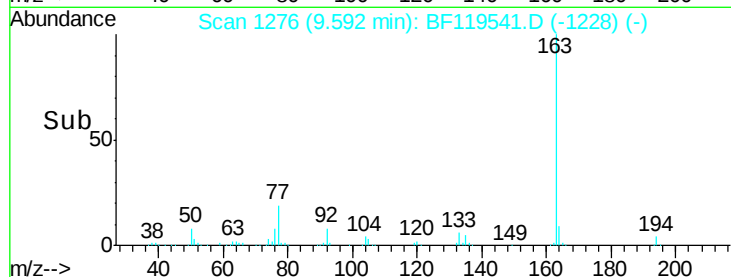
164 9.5 8.1 12.1



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: 6.71 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.19 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

Tgt Ion:165 Resp: 76550

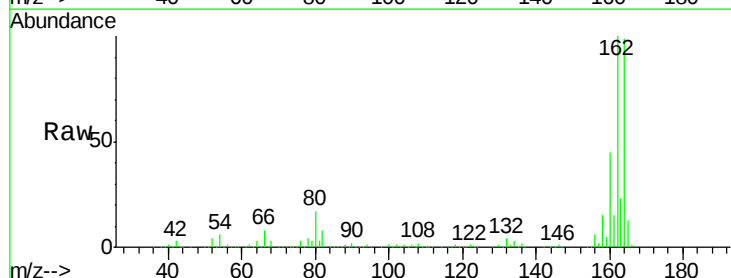
Ion Ratio Lower Upper

165 100

63 1.5 36.2 54.4#

89 1.2 54.3 81.5#

182 0.0 2.0 3.0#

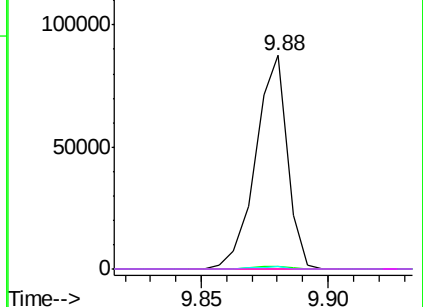
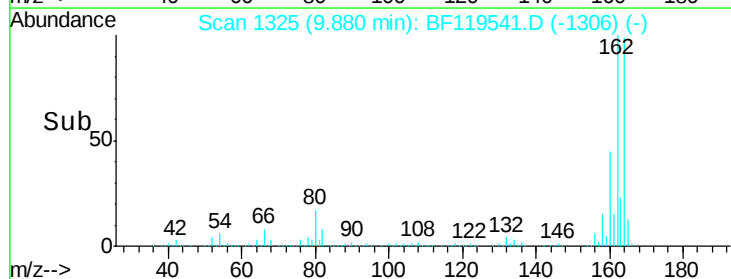


Abundance Ion 165.00 (164.70 to 165.70): E

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

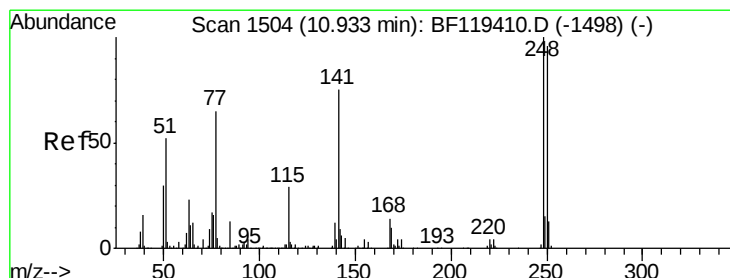
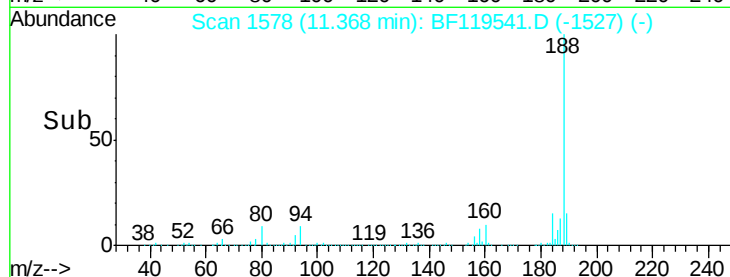
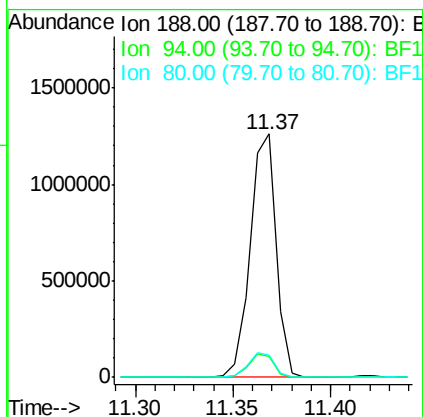
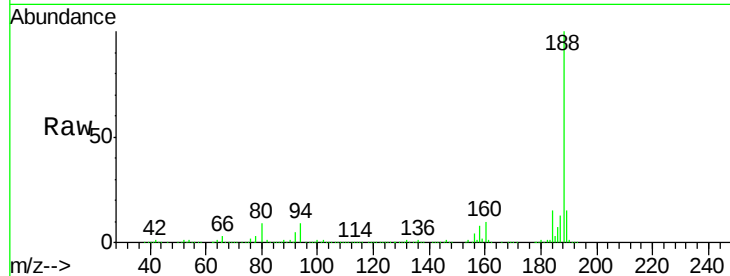




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119541.D
Acq: 26 Mar 2020 20:38

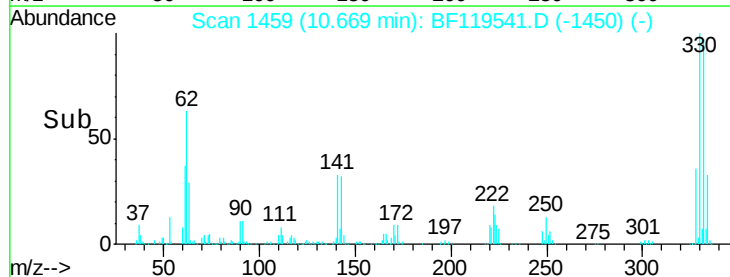
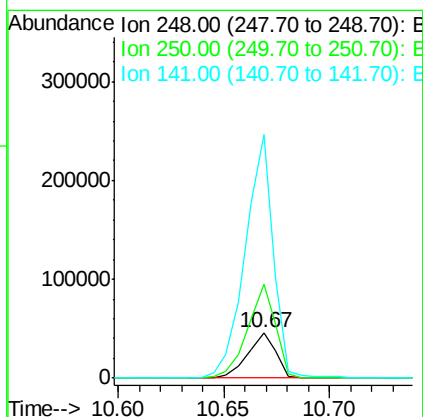
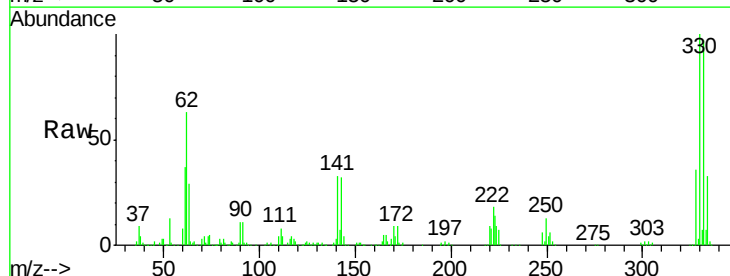
Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

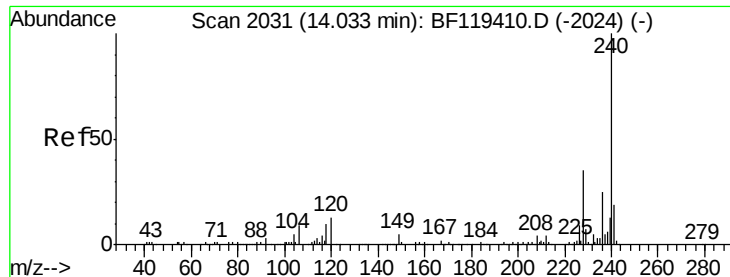
Tgt Ion:188 Resp: 1161901
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119541.D
Acq: 26 Mar 2020 20:38

Tgt Ion:248 Resp: 43318
Ion Ratio Lower Upper
248 100
250 205.6 77.0 115.6#
141 532.6 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: BF119541.D

Acq: 26 Mar 2020 20:38

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

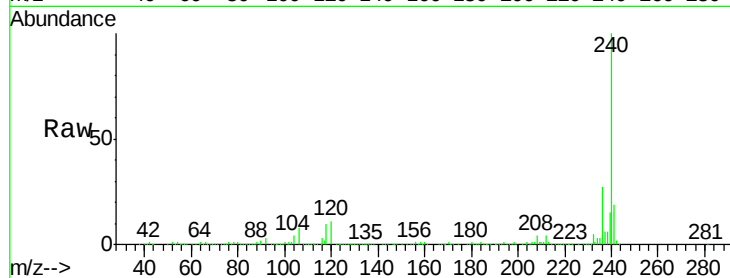
Tgt Ion:240 Resp: 946184

Ion Ratio Lower Upper

240 100

120 11.3 10.2 15.4

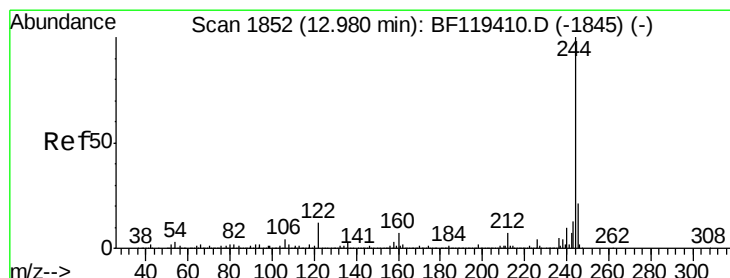
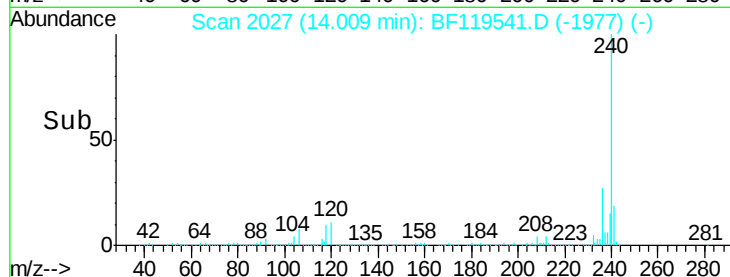
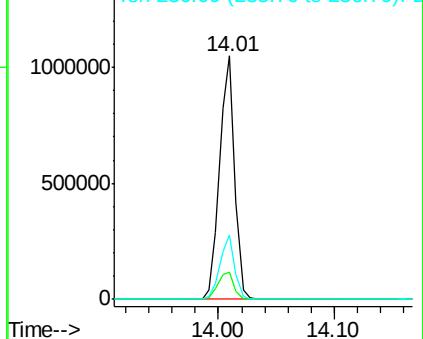
236 26.6 20.4 30.6



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: 63.66 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF119541.D

Acq: 26 Mar 2020 20:38

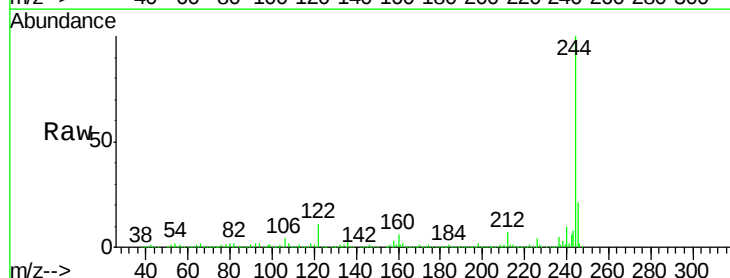
Tgt Ion:244 Resp: 3074574

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

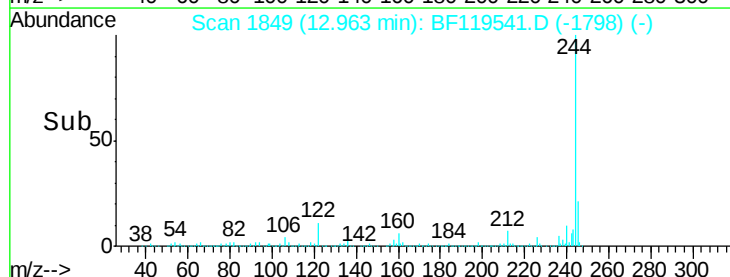
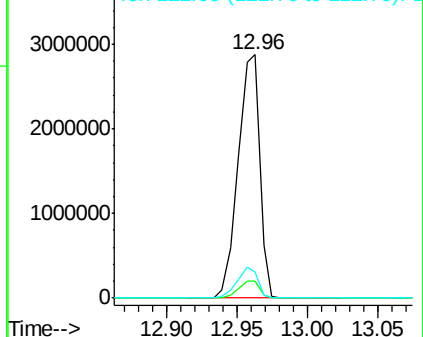
122 10.9 9.8 14.8

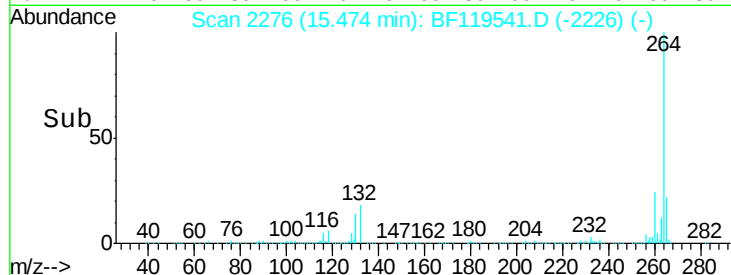
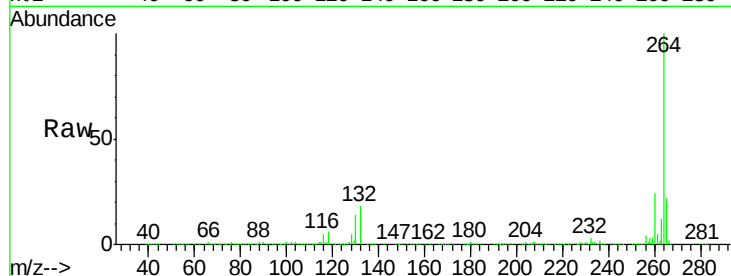
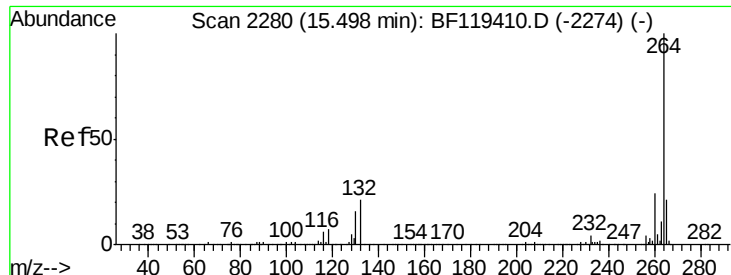


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119541.D
Acq: 26 Mar 2020 20:38

Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

Tgt Ion:	264	Resp:	900847
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.6	16.9	25.3

