

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032520\
 Data File : BF119513.D
 Acq On : 25 Mar 2020 19:52
 Operator : CG/JU
 Sample : L2017-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Mar 26 02:02:06 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

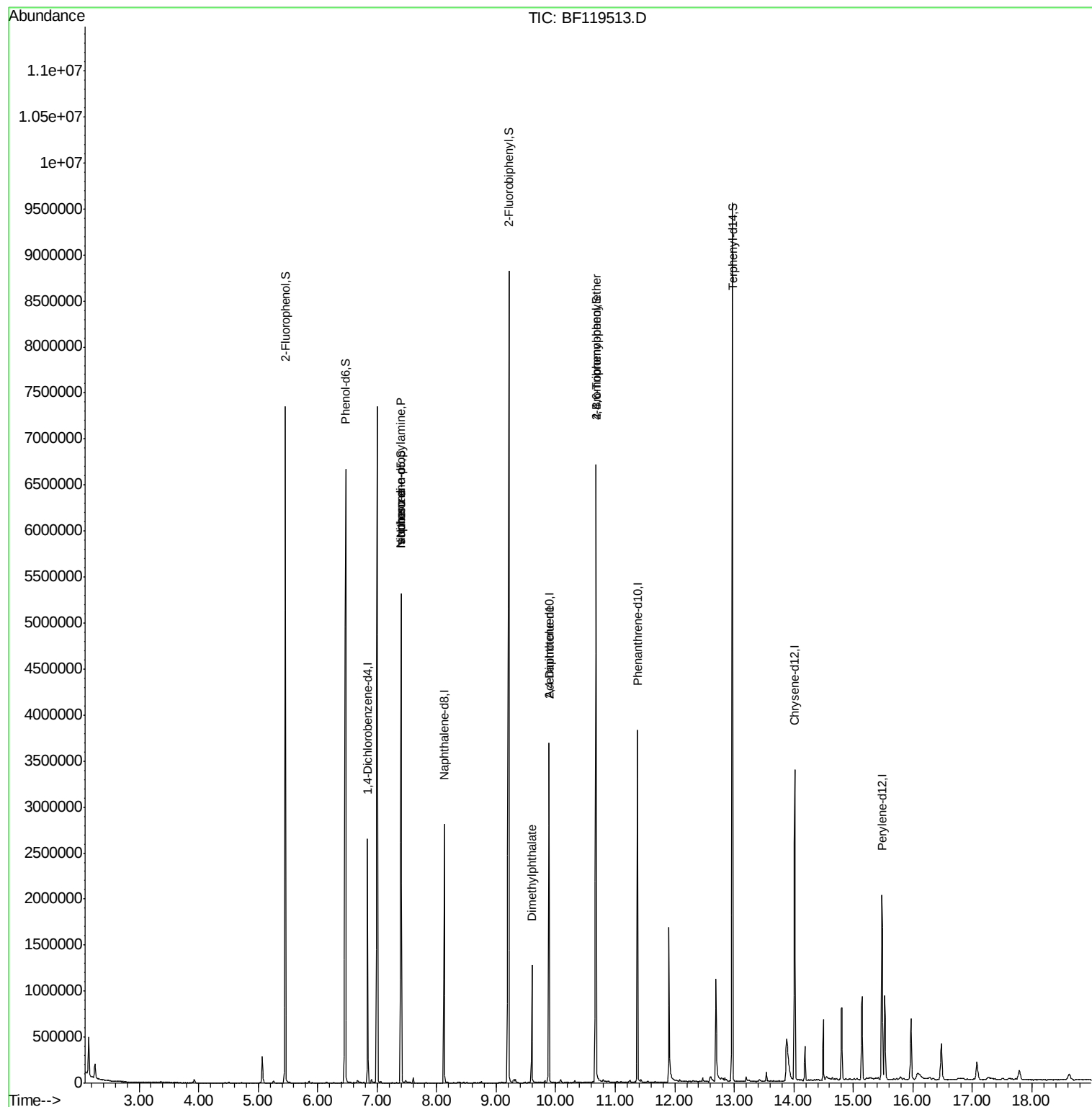
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	358504	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	1364911	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	740030	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1455516	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	1102612	20.00	ng	-0.02
87) Perylene-d12	15.48	264	934879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2193089	97.38	ng	0.00
7) Phenol-d6	6.47	99	2821349	98.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	1793444	71.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	889300	116.48	ng	-0.02
45) 2-Fluorobiphenyl	9.21	172	3286467	65.79	ng	-0.01
79) Terphenyl-d14	12.97	244	3622422	64.37	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	238968	13.78	ng	# 73
25) Isophorone	7.40	82	1785782	35.05	ng	# 66
50) Dimethylphthalate	9.60	163	477375	9.08	ng	99
57) 2,4-Dinitrotoluene	9.89	165	97397	6.86	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	55331	3.34	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.02 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

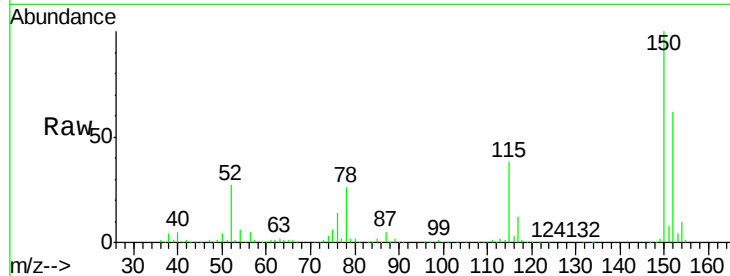
Tgt Ion:152 Resp: 358504

Ion Ratio Lower Upper

152 100

150 160.0 123.9 185.9

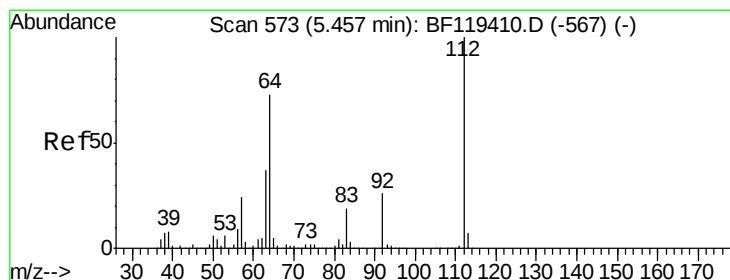
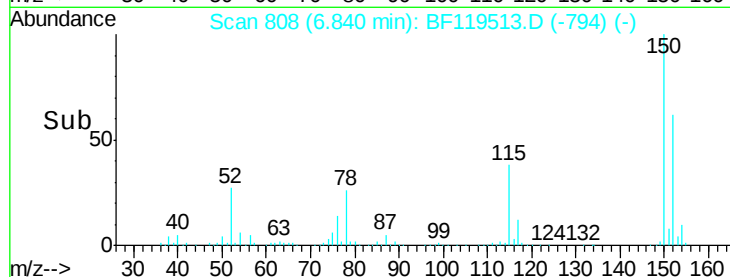
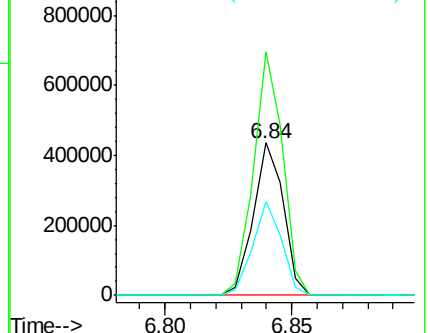
115 61.4 47.8 71.6



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: 97.38 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

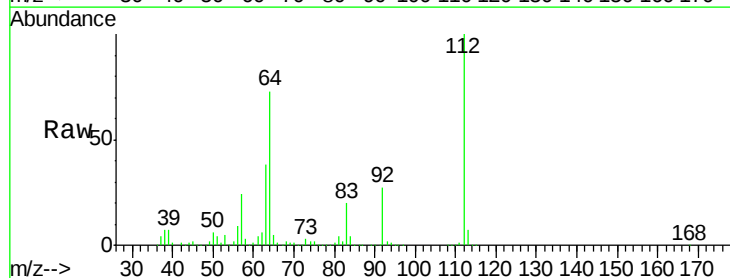
Tgt Ion:112 Resp: 2193089

Ion Ratio Lower Upper

112 100

64 73.3 58.1 87.1

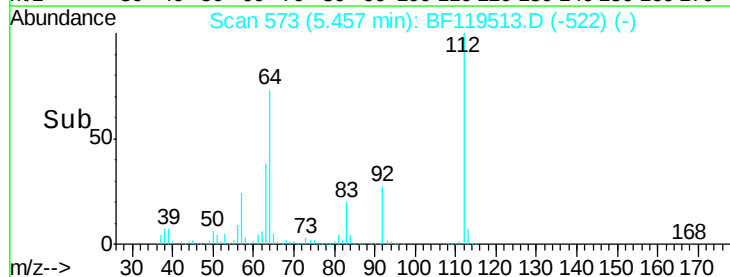
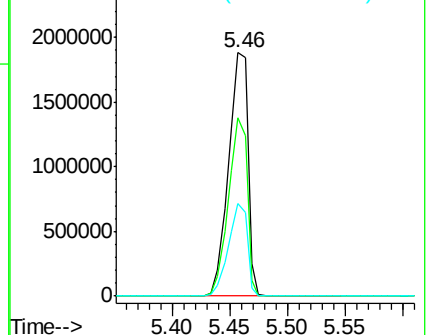
63 37.8 29.7 44.5

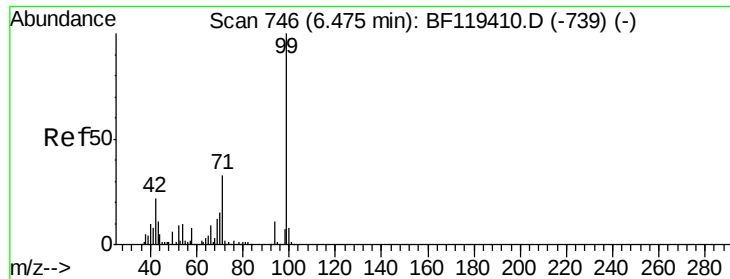


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.07 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

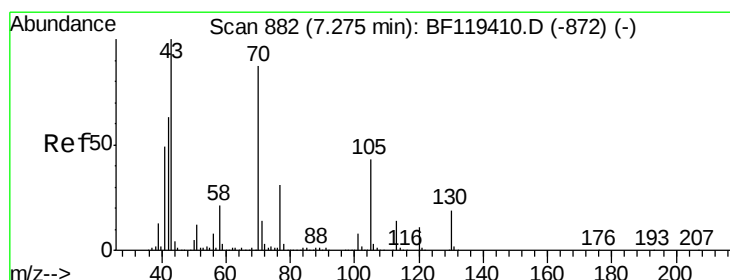
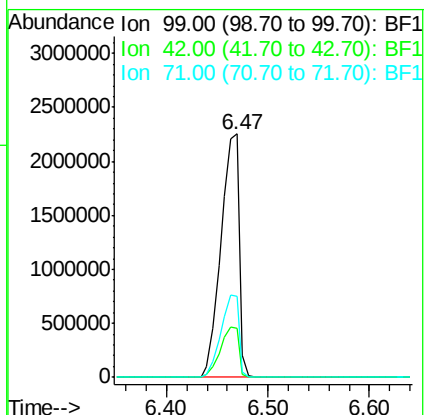
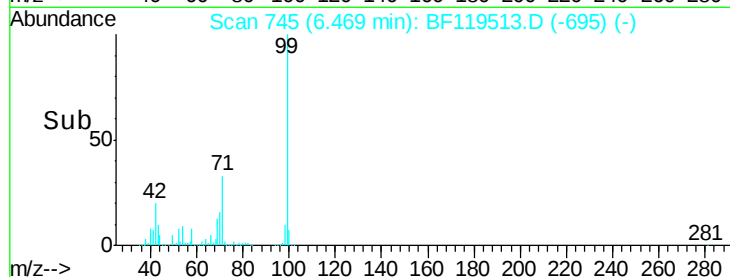
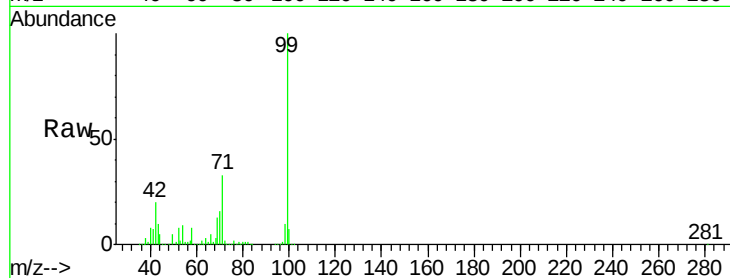
Tgt Ion: 99 Resp: 2821349

Ion Ratio Lower Upper

99 100

42 20.4 17.8 26.6

71 33.1 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.78 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Tgt Ion: 70 Resp: 238968

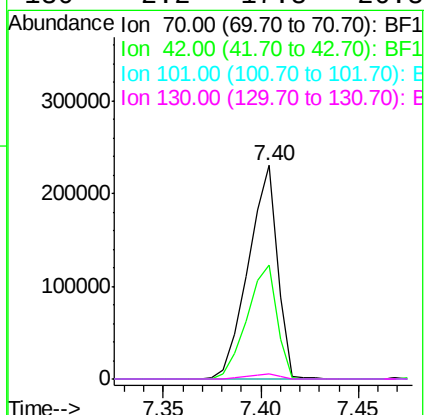
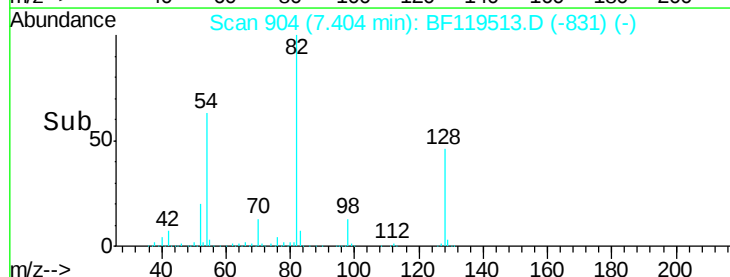
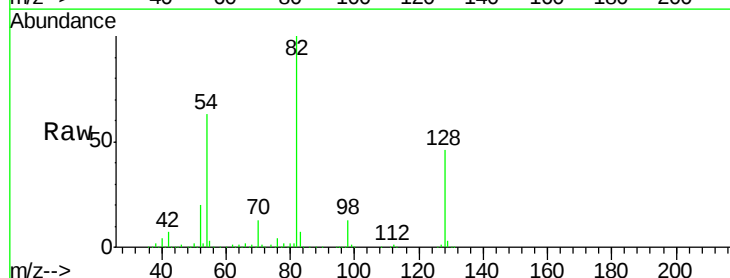
Ion Ratio Lower Upper

70 100

42 53.6 58.2 87.4#

101 0.0 7.4 11.2#

130 2.2 17.8 26.8#

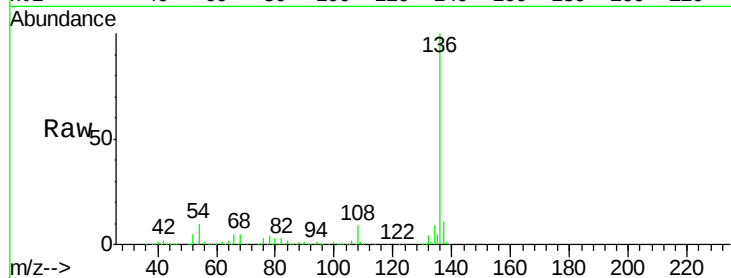




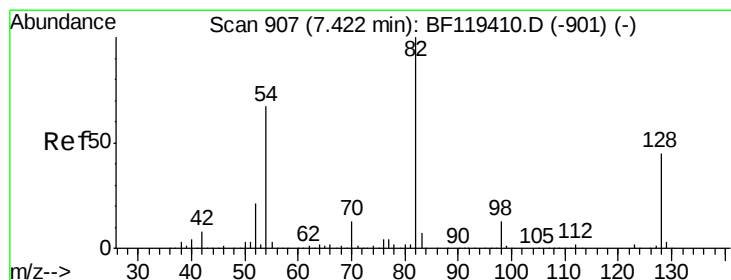
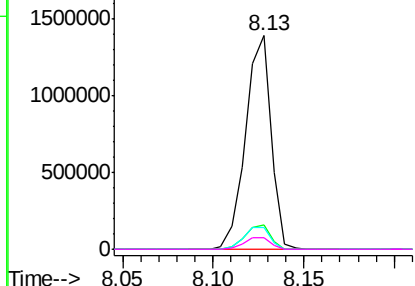
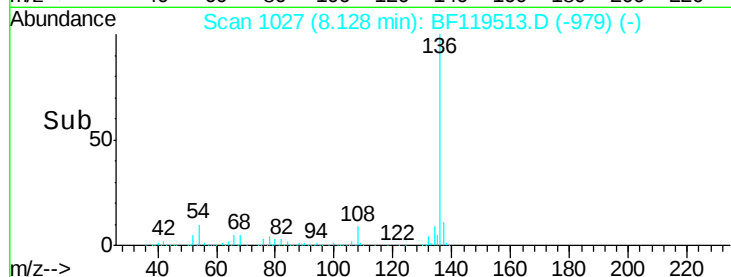
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

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

Tgt Ion:	136	Resp:	1364911
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	10.1	8.3	12.5
68	5.4	4.9	7.3

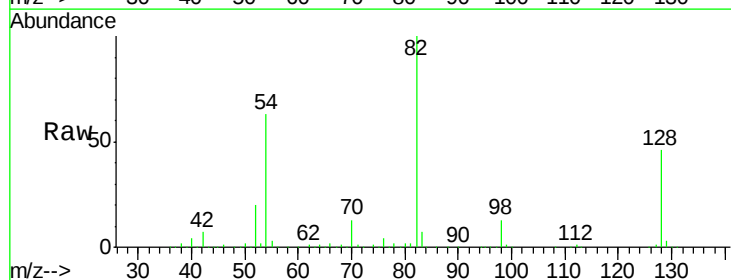


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

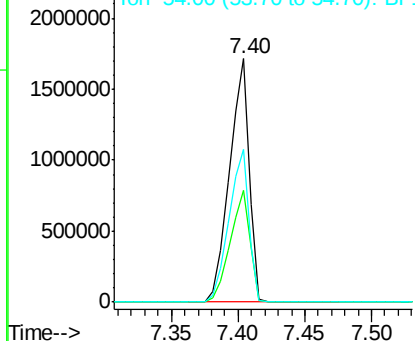
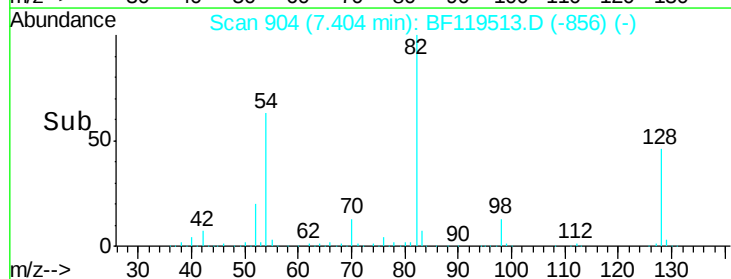


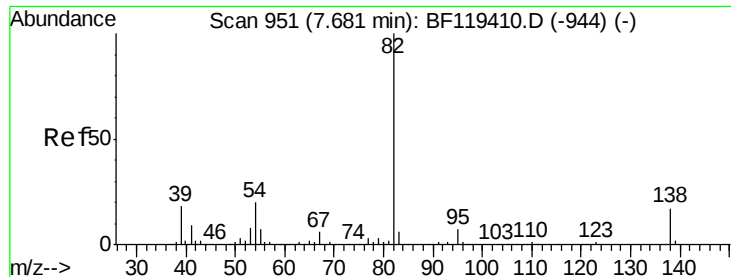
#23
Nitrobenzene-d5
Concen: 71.41 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion:	82	Resp:	1793444
Ion	Ratio	Lower	Upper
82	100		
128	45.8	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

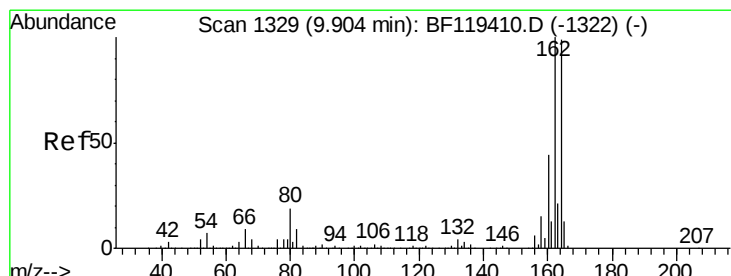
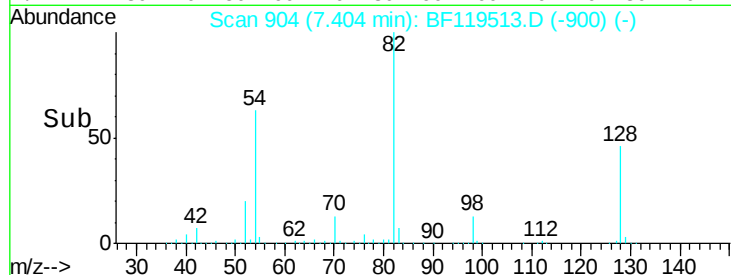
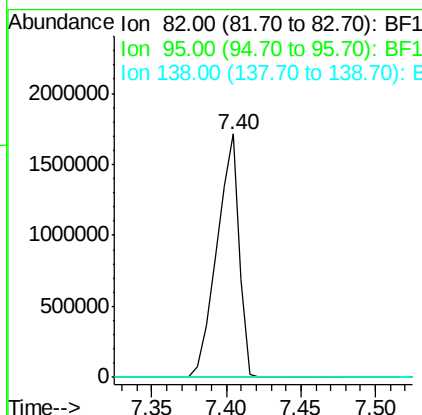
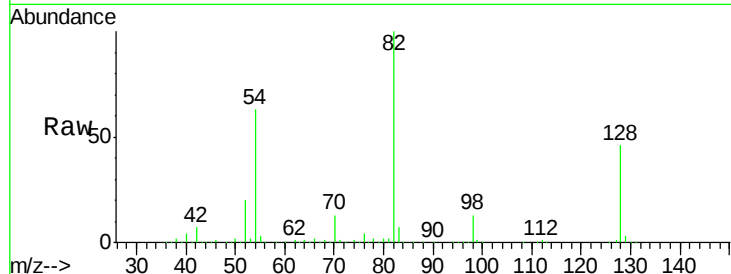




#25
Isophorone
Concen: 35.05 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.28 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

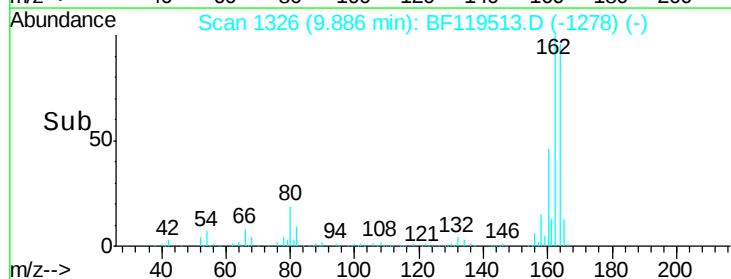
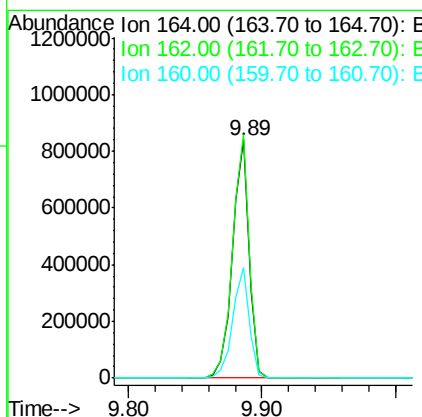
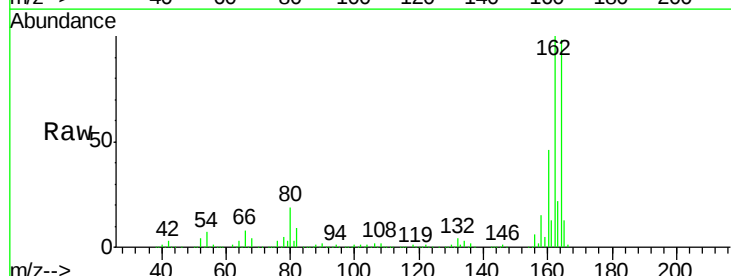
Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

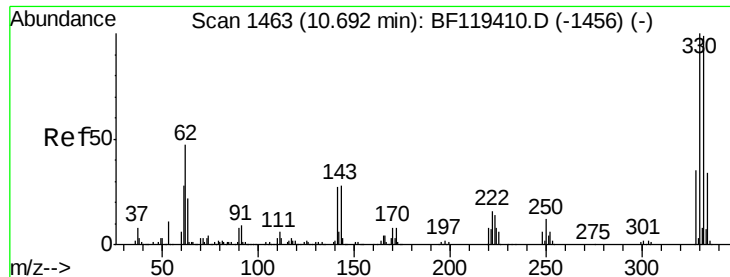
Tgt Ion: 82 Resp: 1785782
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.8 20.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion: 164 Resp: 740030
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 46.6 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 116.48 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.02 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

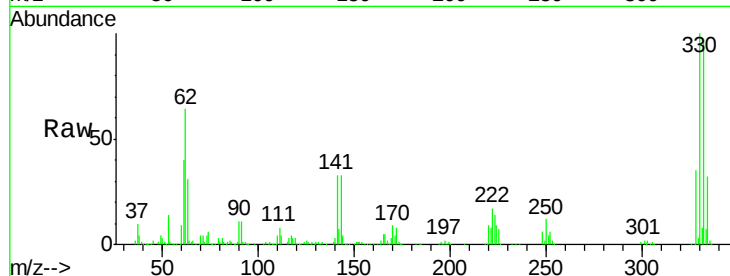
Tgt Ion:330 Resp: 889300

Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

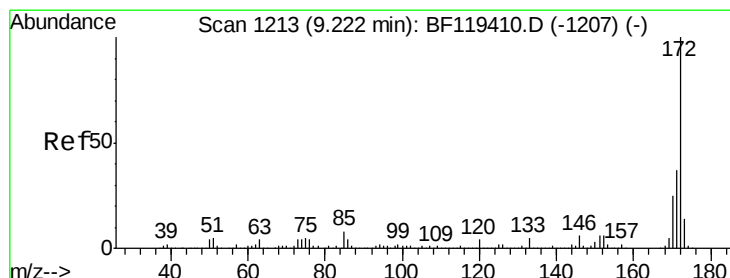
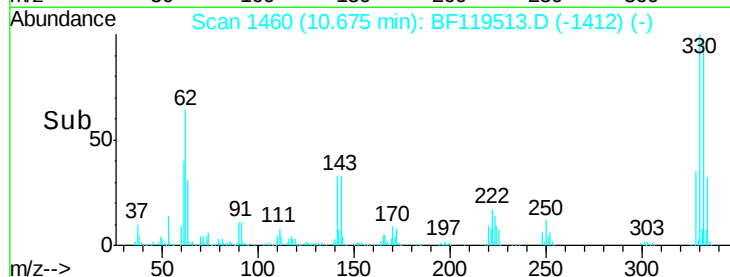
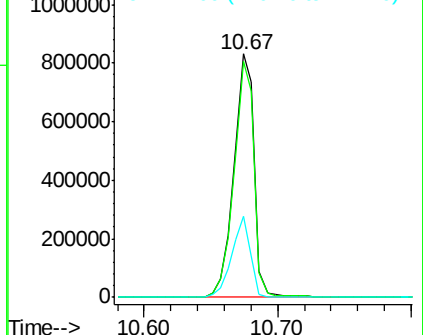
141 31.2 26.6 40.0



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: 65.79 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

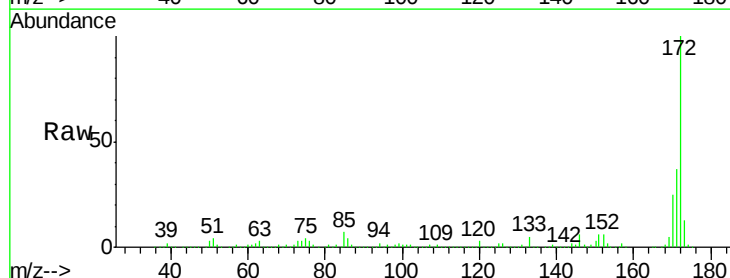
Tgt Ion:172 Resp: 3286467

Ion Ratio Lower Upper

172 100

171 37.5 29.9 44.9

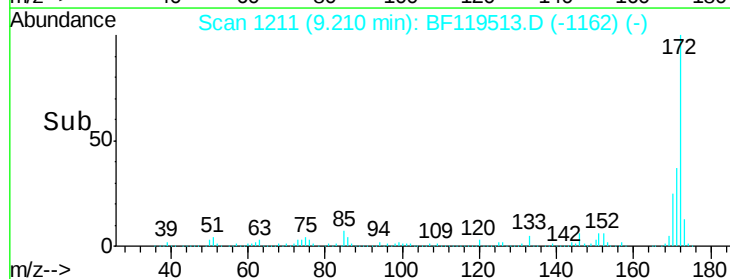
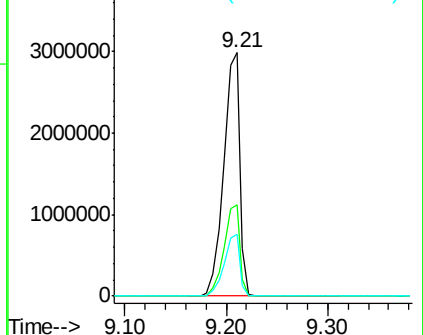
170 25.3 20.1 30.1

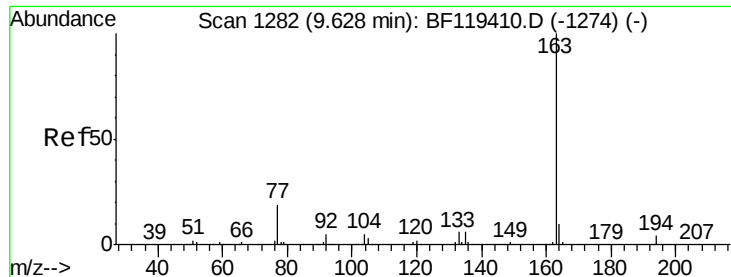


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

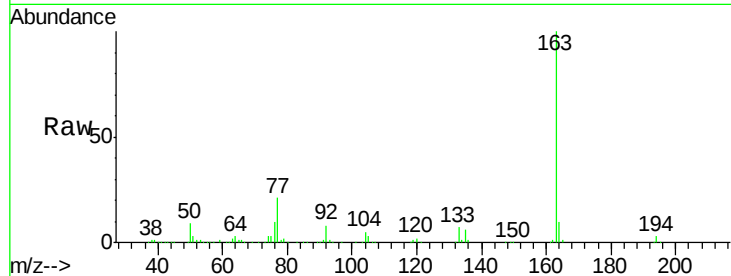




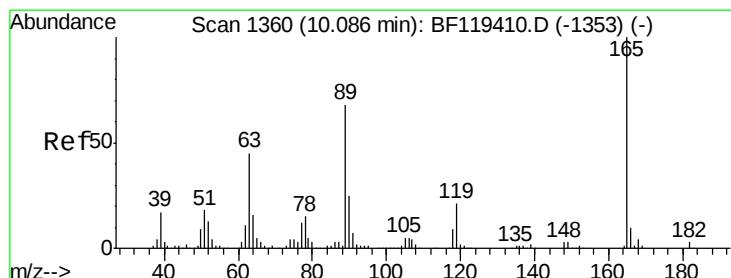
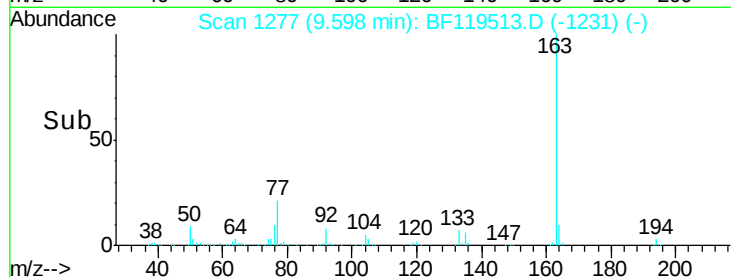
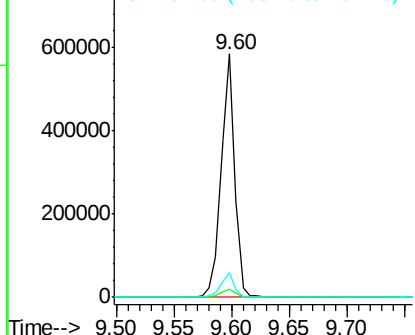
#50
Dimethylphthalate
Concen: 9.08 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.03 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

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

Tgt Ion:163 Resp: 477375
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 10.3 8.1 12.1

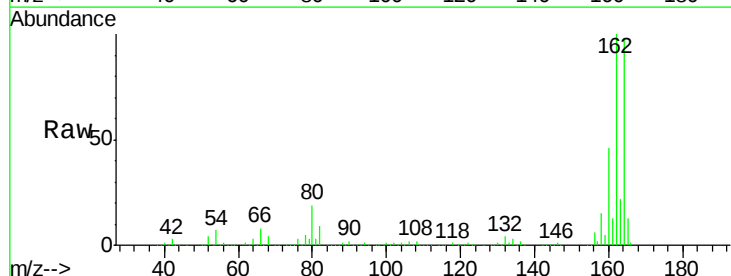


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

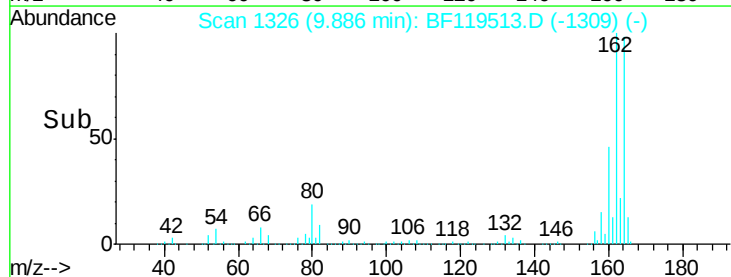
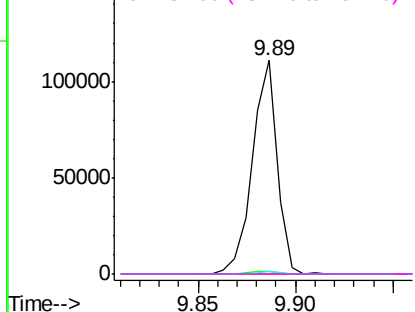


#57
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.20 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion:165 Resp: 97397
Ion Ratio Lower Upper
165 100
63 1.1 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# 1579

Delta R.T. -0.02 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

Instrument :

BNA_F

ClientSampleId :

FE-SB-32-(8.5-9)

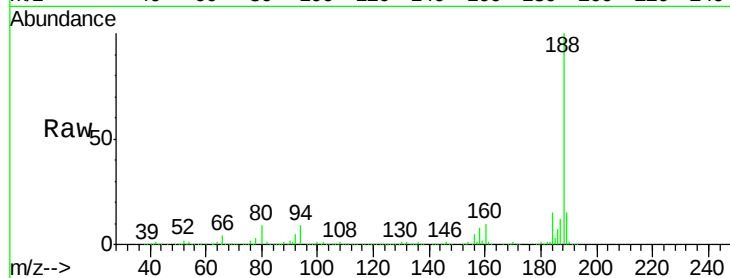
Tgt Ion:188 Resp: 1455516

Ion Ratio Lower Upper

188 100

94 9.1 7.1 10.7

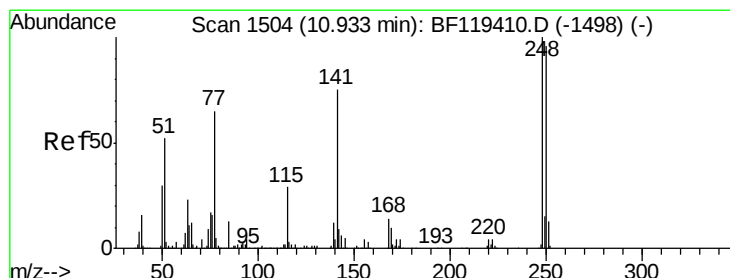
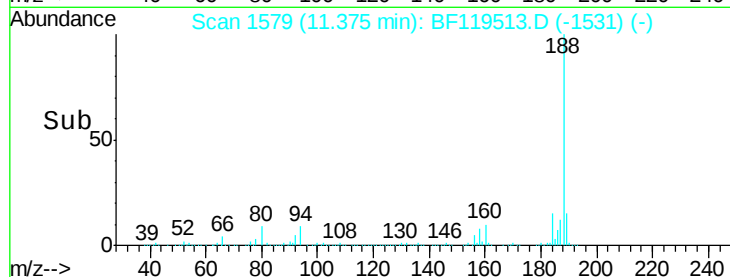
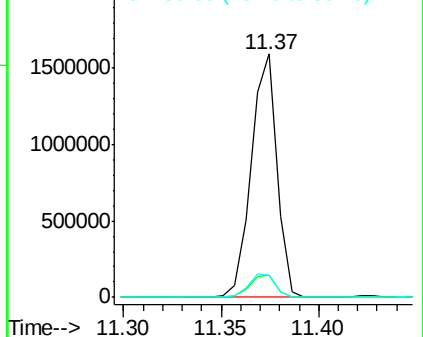
80 9.3 7.5 11.3



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: 3.34 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.26 min

Lab File: BF119513.D

Acq: 25 Mar 2020 19:52

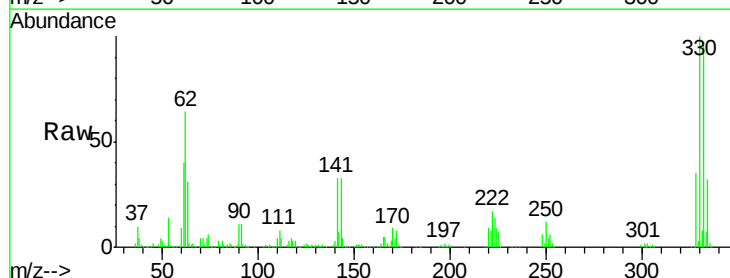
Tgt Ion:248 Resp: 55331

Ion Ratio Lower Upper

248 100

250 192.9 77.0 115.6#

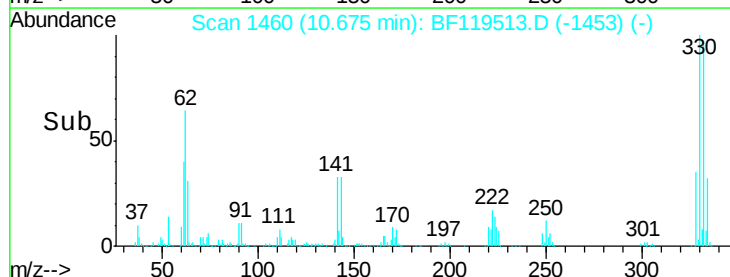
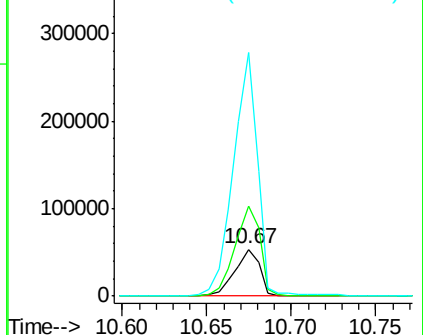
141 520.9 59.7 89.5#

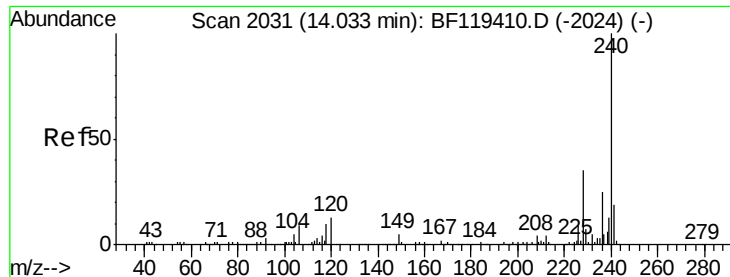


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

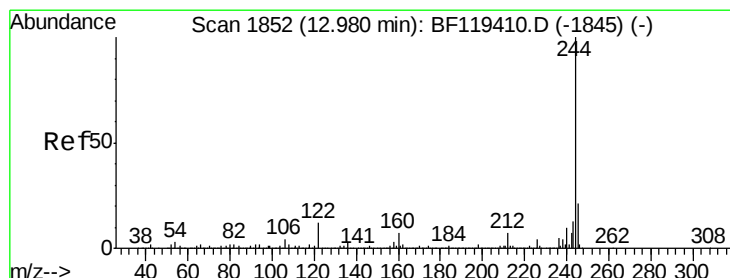
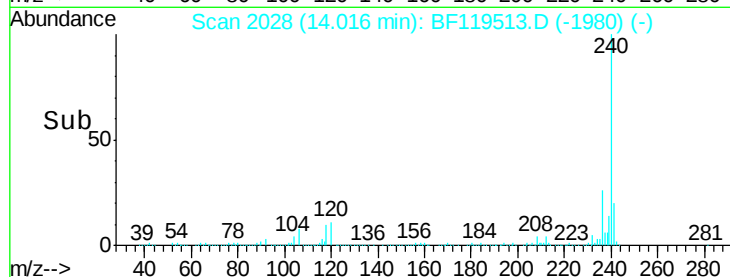
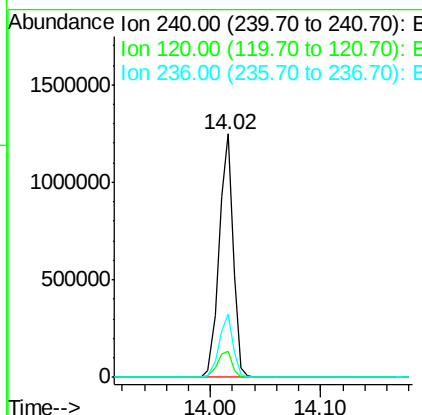
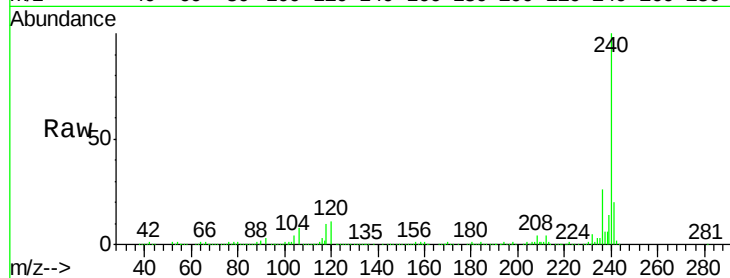




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

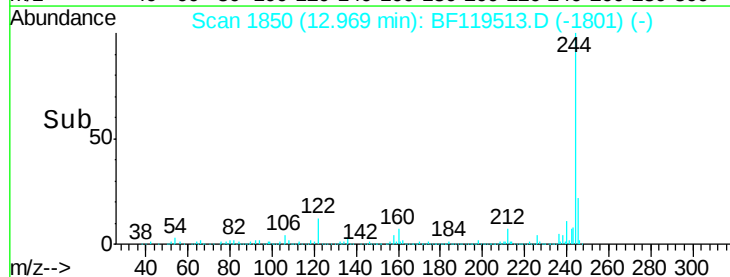
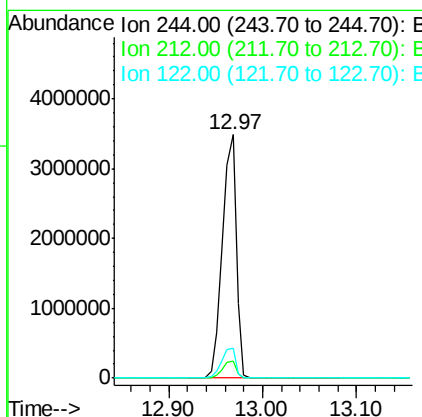
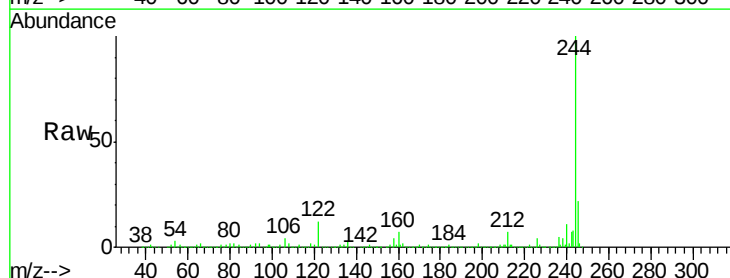
Instrument :
BNA_F
ClientSampleId :
FE-SB-32-(8.5-9)

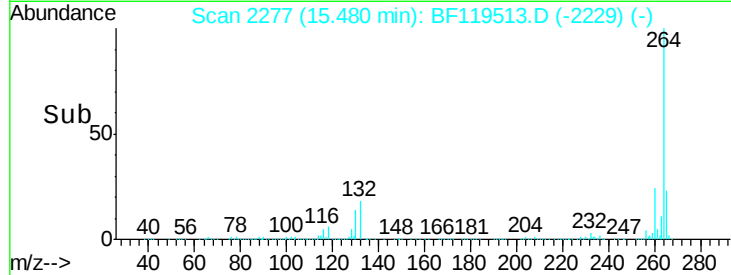
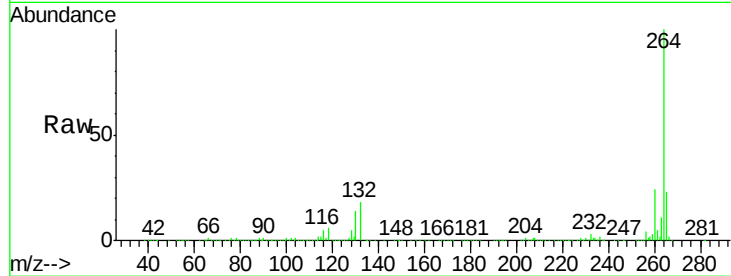
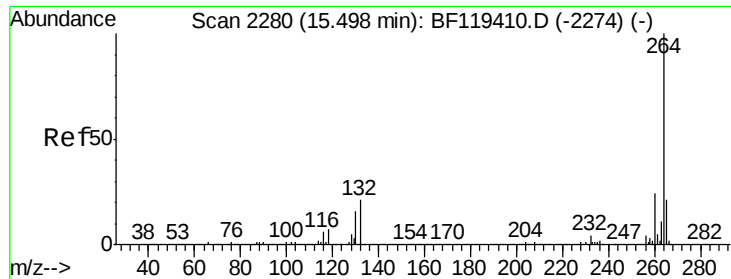
Tgt Ion:240 Resp: 1102612
Ion Ratio Lower Upper
240 100
120 10.9 10.2 15.4
236 25.9 20.4 30.6



#79
Terphenyl-d14
Concen: 64.37 ng
RT: 12.97 min Scan# 1850
Delta R.T. -0.01 min
Lab File: BF119513.D
Acq: 25 Mar 2020 19:52

Tgt Ion:244 Resp: 3622422
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 12.2 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: BF119513.D
Acq: 25 Mar 2020 19:52

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

Tgt Ion:	264	Resp:	934879
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	22.5	16.9	25.3

