

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032620\
 Data File : BF119538.D
 Acq On : 26 Mar 2020 19:17
 Operator : CG/JU
 Sample : 12028-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 27 00:44:48 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

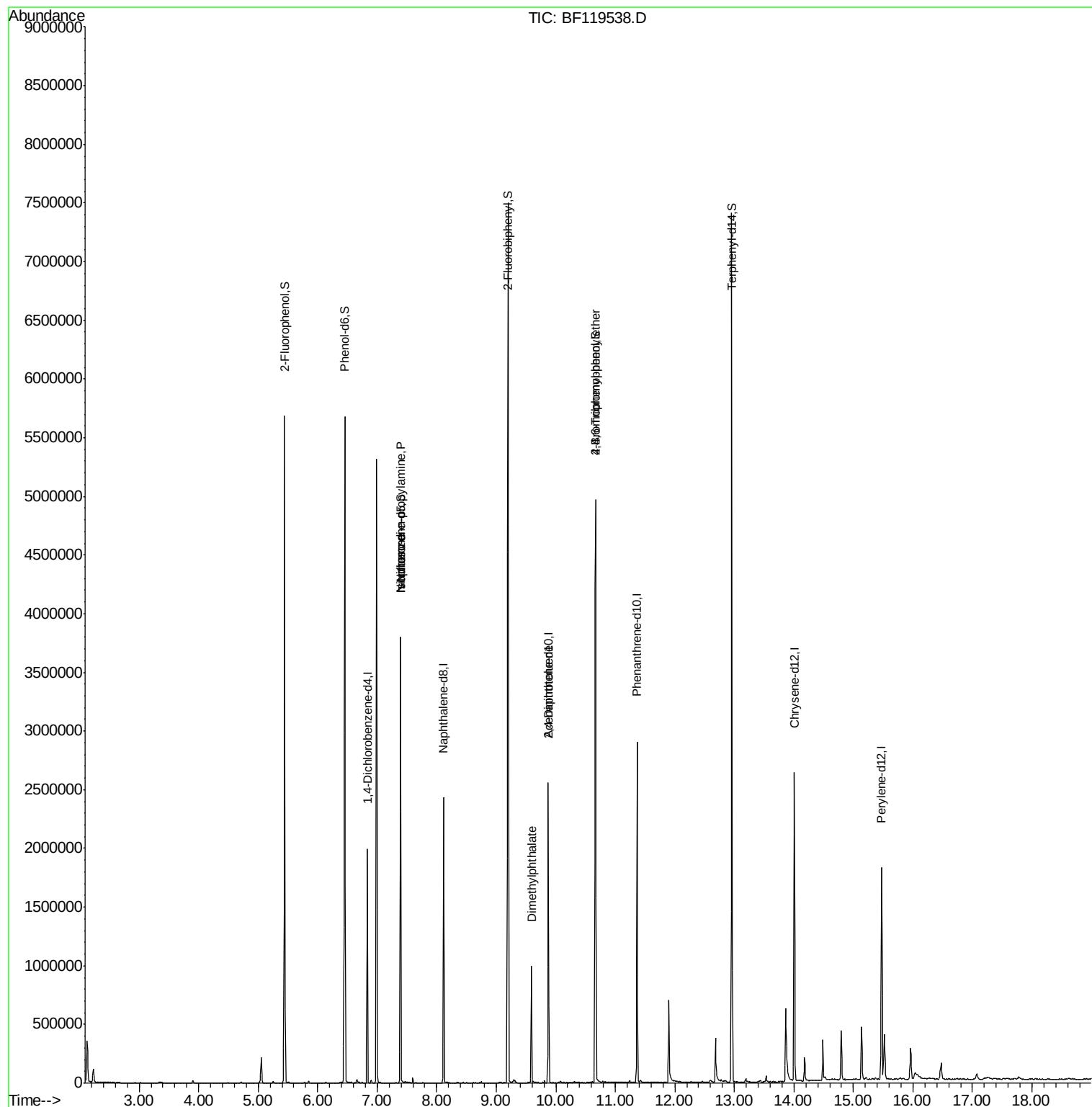
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	271218	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1037652	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	563283	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1117737	20.00	ng	0.00
76) Chrysene-d12	14.01	240	902807	20.00	ng	0.00
87) Perylene-d12	15.47	264	867233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1604042	94.15	ng	0.01
7) Phenol-d6	6.46	99	2034584	93.48	ng	0.00
23) Nitrobenzene-d5	7.39	82	1266674	66.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	615377	105.90	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2393153	62.94	ng	0.00
79) Terphenyl-d14	12.96	244	2867517	62.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	166910	12.72	ng	# 72
25) Isophorone	7.39	82	1259638	32.52	ng	# 66
50) Dimethylphthalate	9.59	163	375375	9.38	ng	99
57) 2,4-Dinitrotoluene	9.87	165	71989	6.66	ng	# 25
67) 4-Bromophenyl-phenylether	10.67	248	38048	2.99	ng	# 1

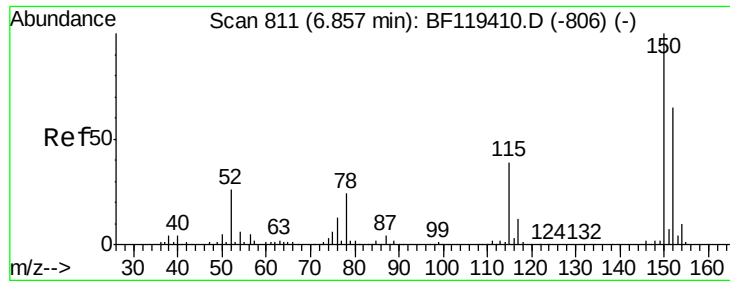
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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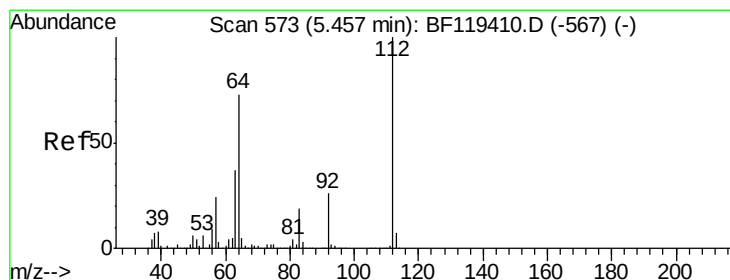
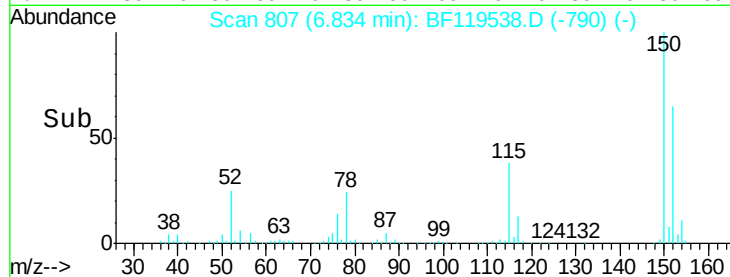
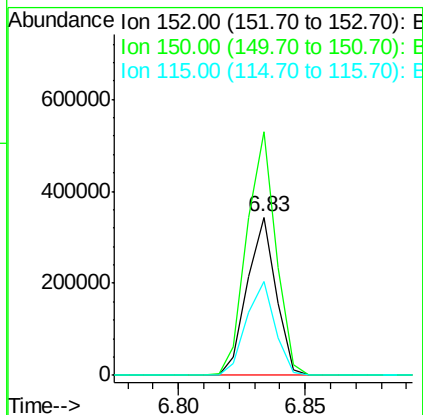
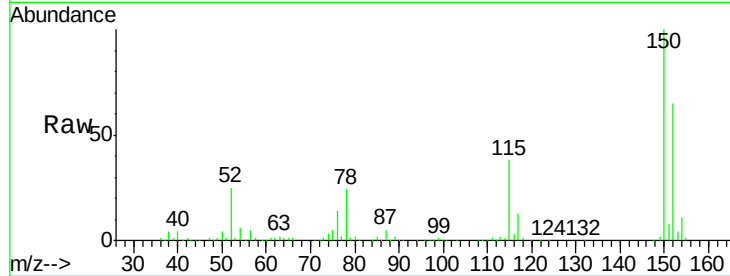


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

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

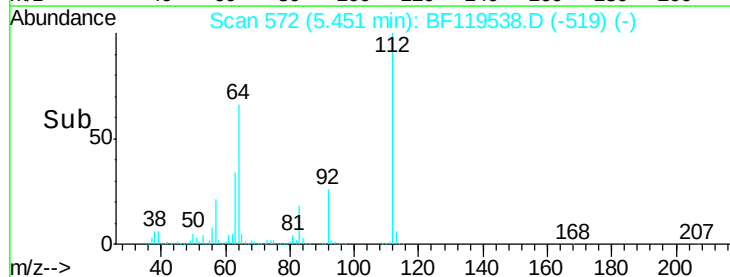
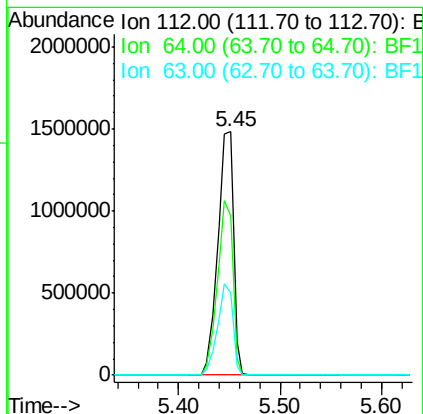
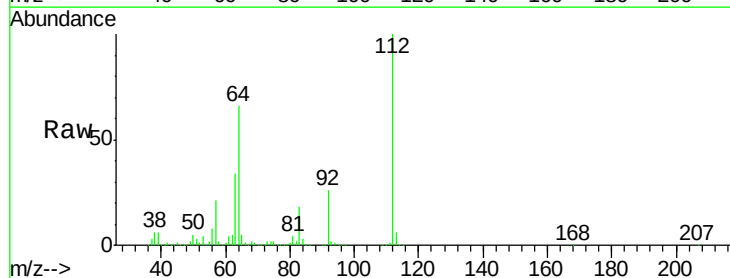
Tgt Ion:152 Resp: 271218
Ion Ratio Lower Upper
152 100
150 154.0 123.9 185.9
115 59.0 47.8 71.6

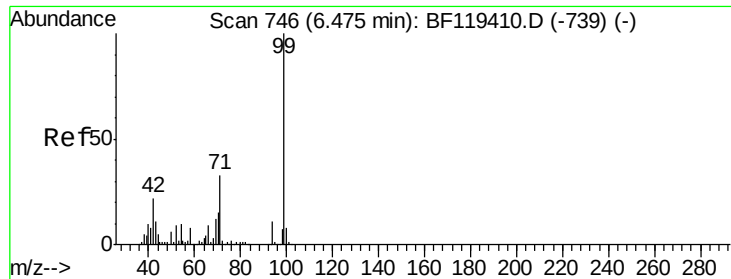


#5

2-Fluorophenol
Concen: 94.15 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

Tgt Ion:112 Resp: 1604042
Ion Ratio Lower Upper
112 100
64 65.6 58.1 87.1
63 33.8 29.7 44.5





#7

Phenol-d6

Concen: 93.48 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

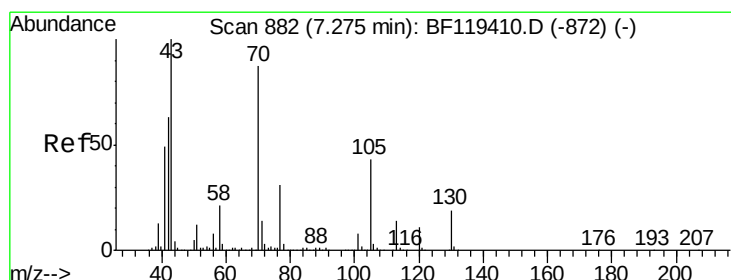
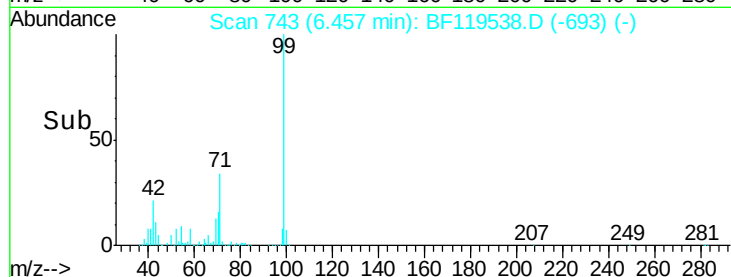
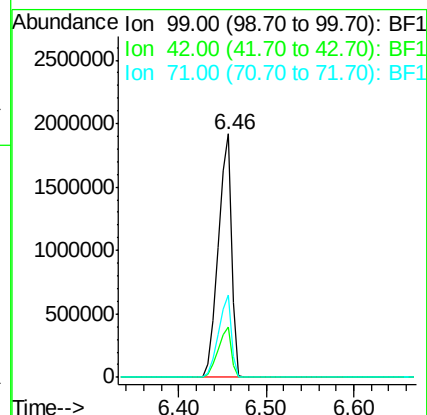
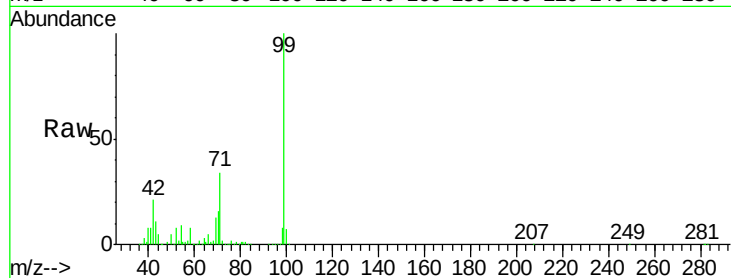
Tgt Ion: 99 Resp: 2034584

Ion Ratio Lower Upper

99 100

42 20.7 17.8 26.6

71 33.6 26.0 39.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.72 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

Tgt Ion: 70 Resp: 166910

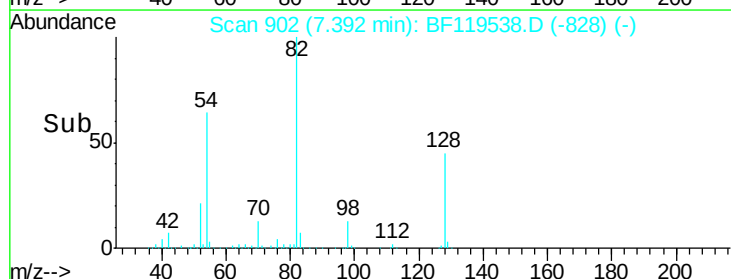
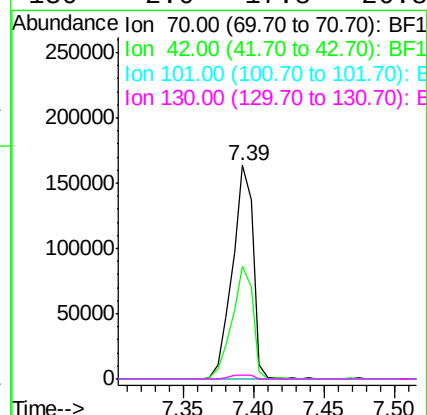
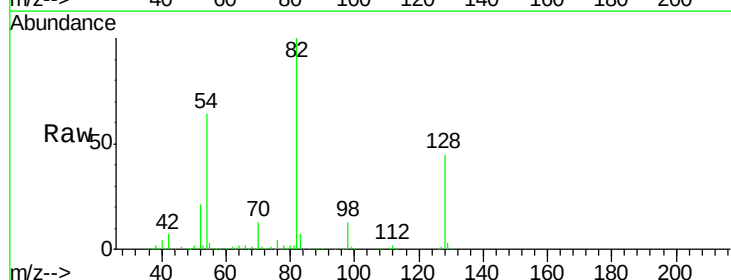
Ion Ratio Lower Upper

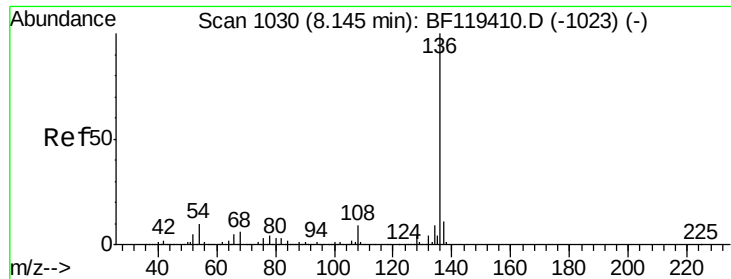
70 100

42 52.6 58.2 87.4#

101 0.0 7.4 11.2#

130 2.0 17.8 26.8#

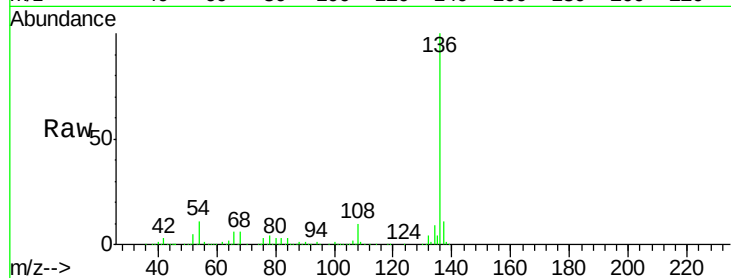




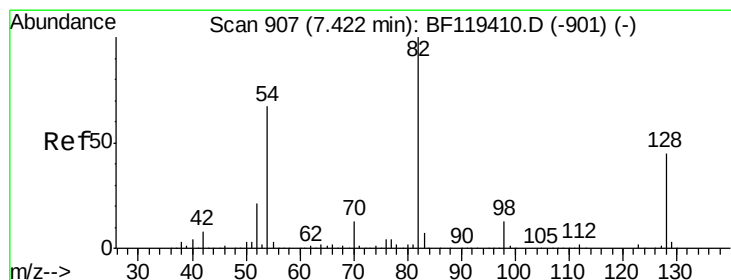
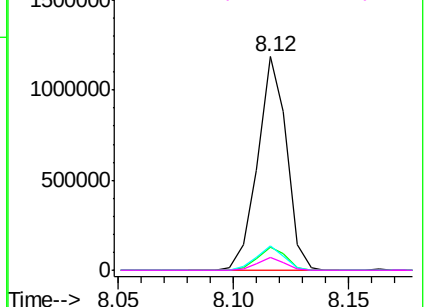
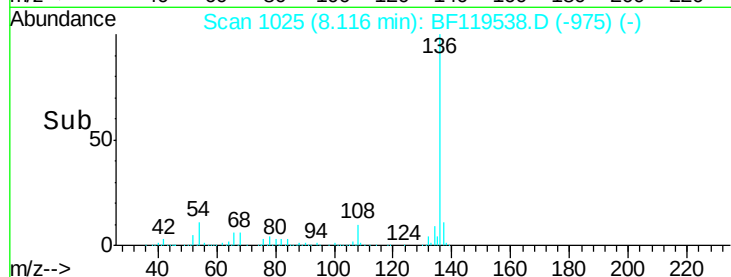
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

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

Tgt Ion:	136	Resp:	1037652
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.3	8.3	12.5
68	6.2	4.9	7.3

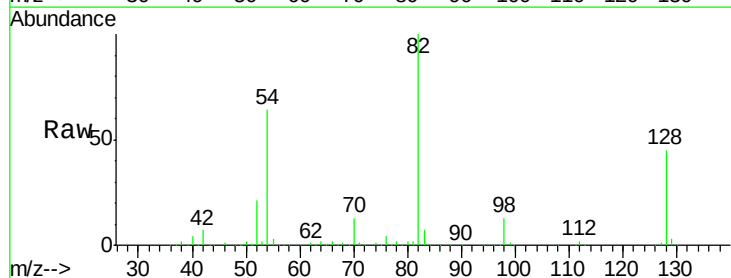


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

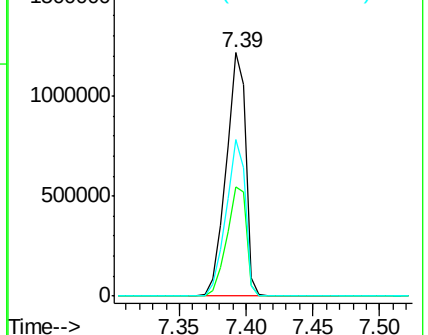
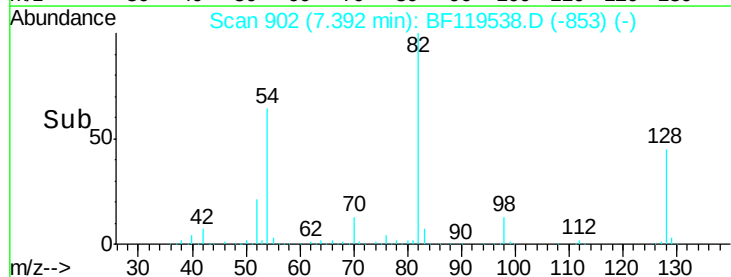


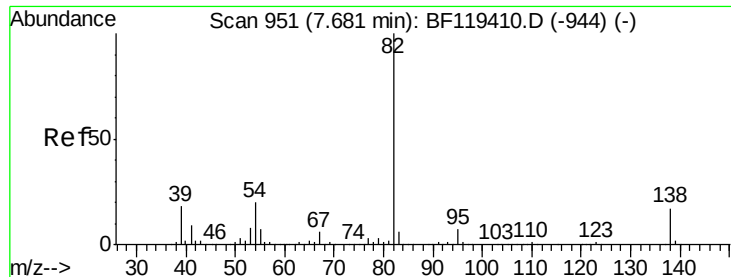
#23
Nitrobenzene-d5
Concen: 66.34 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

Tgt Ion:	82	Resp:	1266674
Ion	Ratio	Lower	Upper
82	100		
128	44.8	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: 32.52 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.27 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

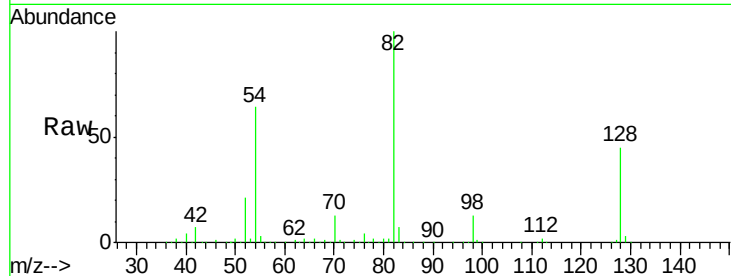
Tgt Ion: 82 Resp: 1259638

Ion Ratio Lower Upper

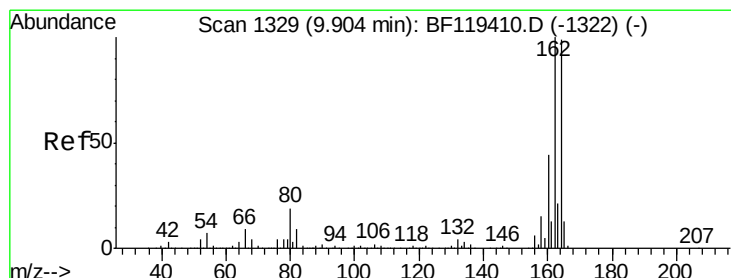
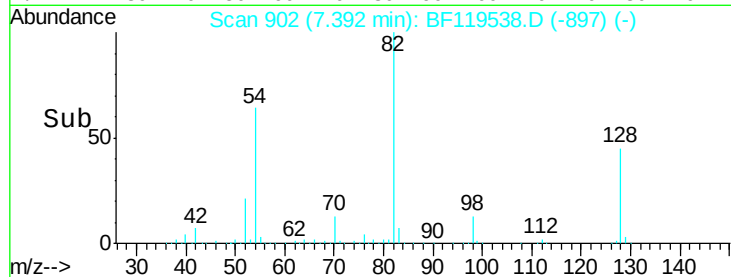
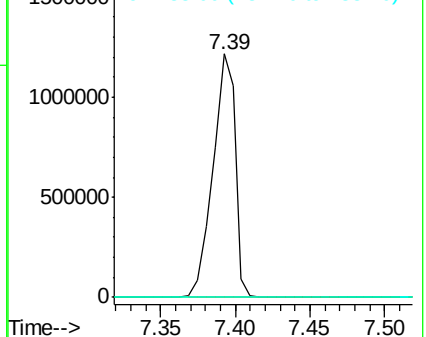
82 100

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: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

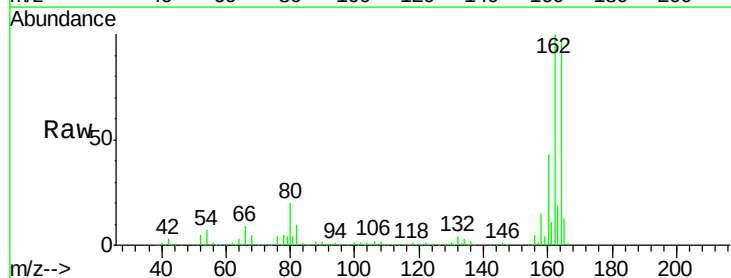
Tgt Ion: 164 Resp: 563283

Ion Ratio Lower Upper

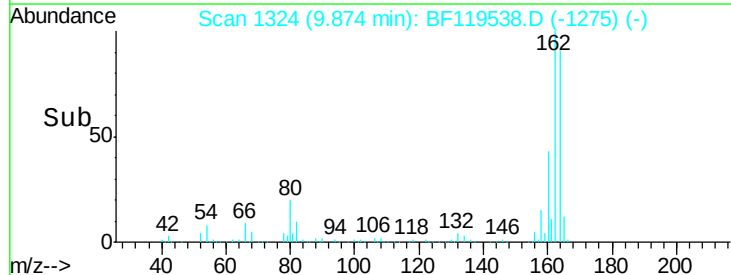
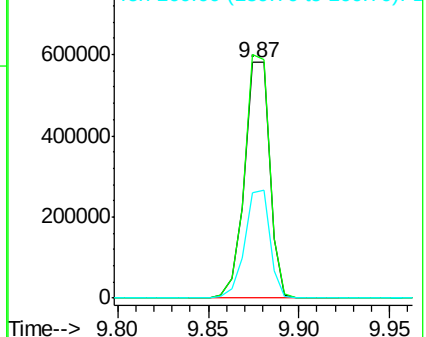
164 100

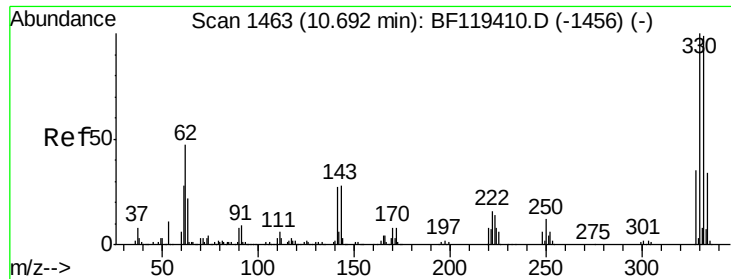
162 103.3 80.7 121.1

160 44.6 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: 105.90 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

Instrument :

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ClientSampleId :

SB-30-(8-8.5)

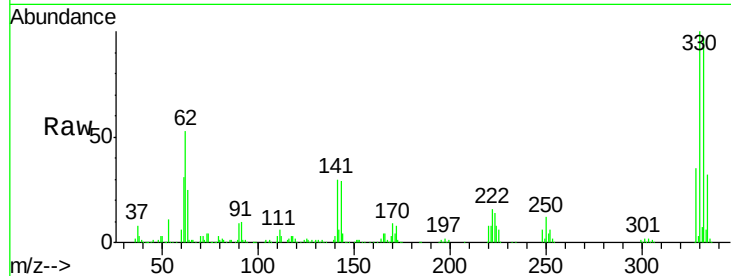
Tgt Ion:330 Resp: 615377

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

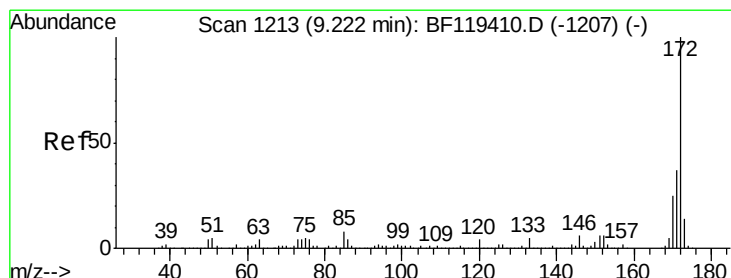
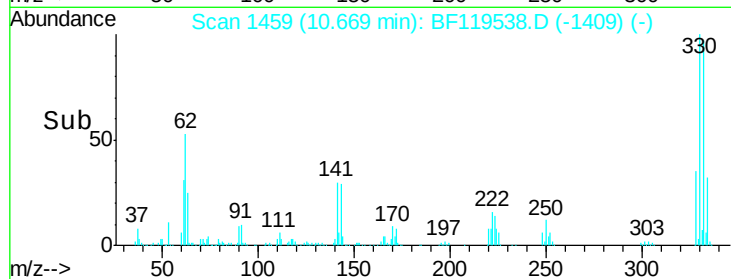
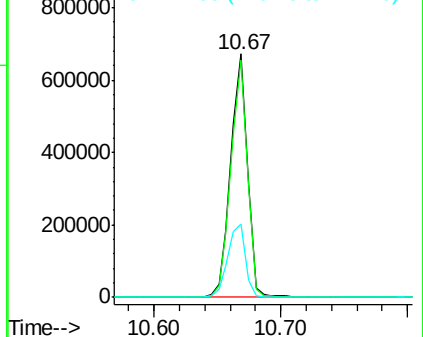
141 31.8 26.6 40.0



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: 62.94 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

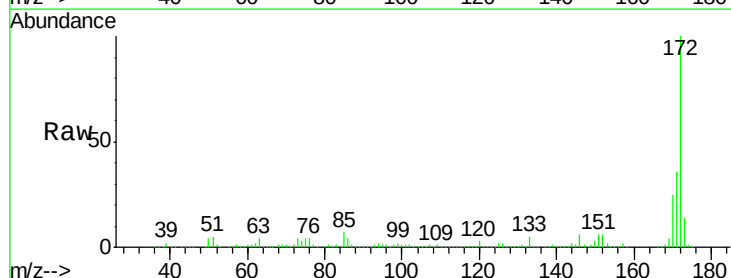
Tgt Ion:172 Resp: 2393153

Ion Ratio Lower Upper

172 100

171 36.2 29.9 44.9

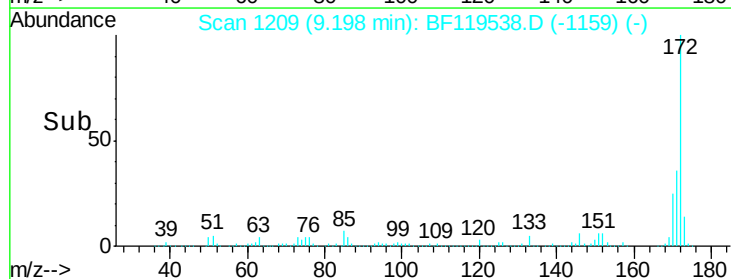
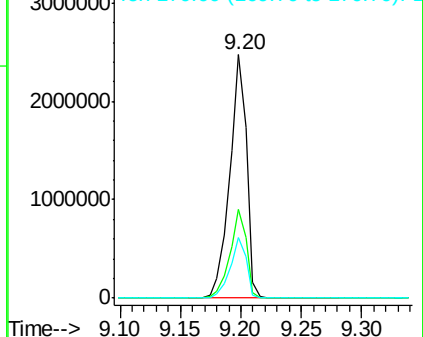
170 24.8 20.1 30.1

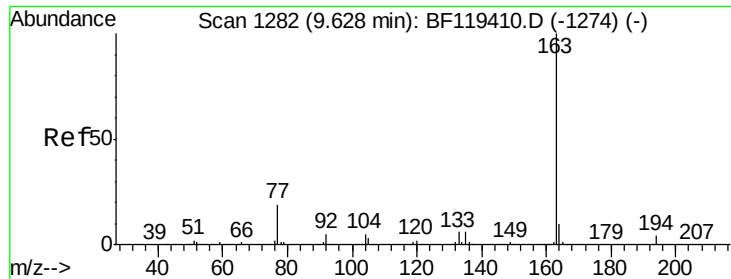


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

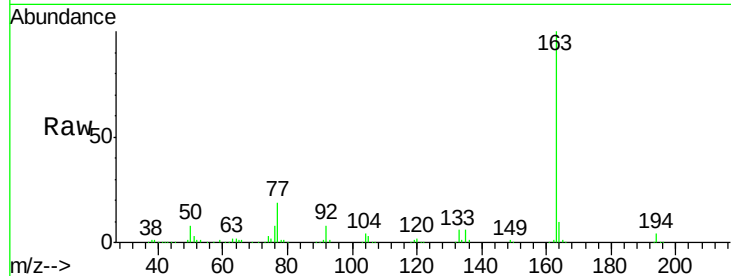




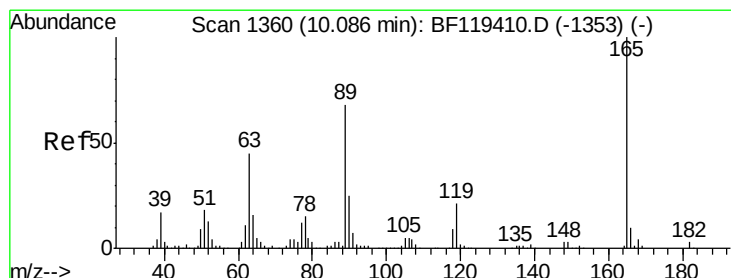
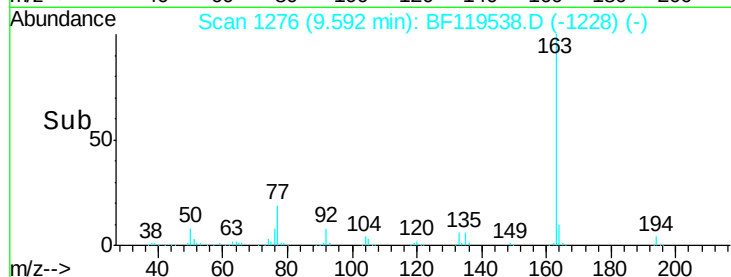
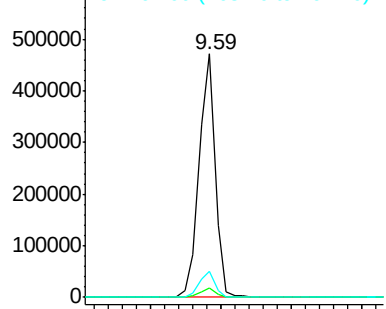
#50
Dimethylphthalate
Concen: 9.38 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

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

Tgt Ion:163 Resp: 375375
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.4 8.1 12.1

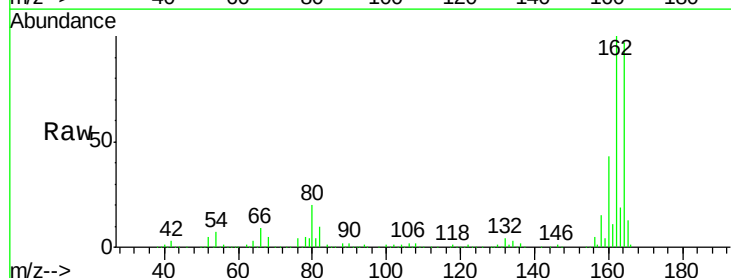


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

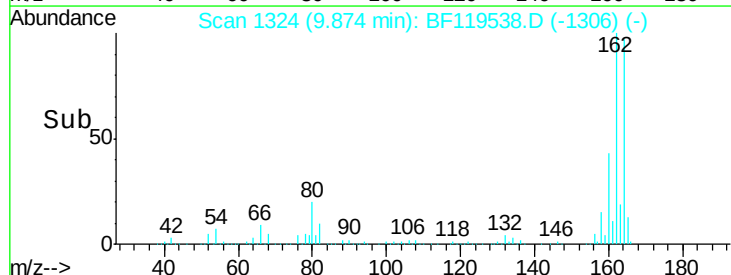
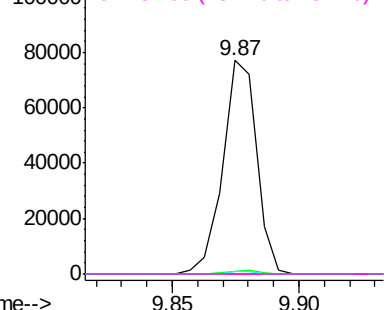


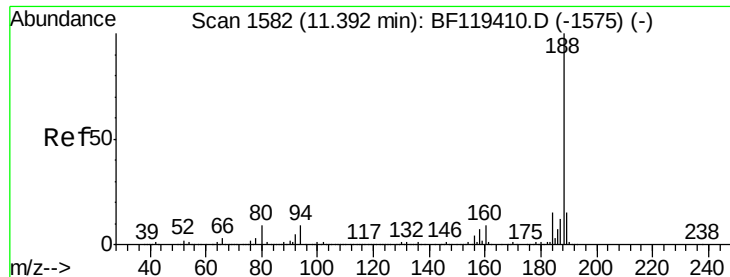
#57
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.19 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

Tgt Ion:165 Resp: 71989
Ion Ratio Lower Upper
165 100
63 1.4 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

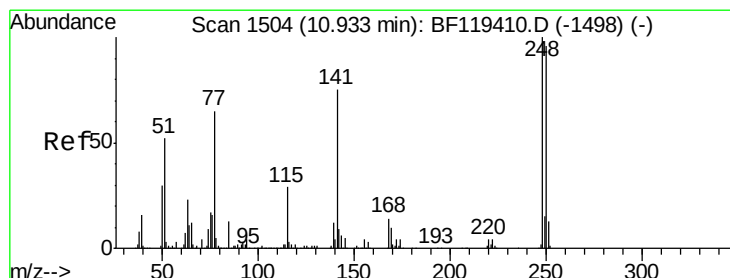
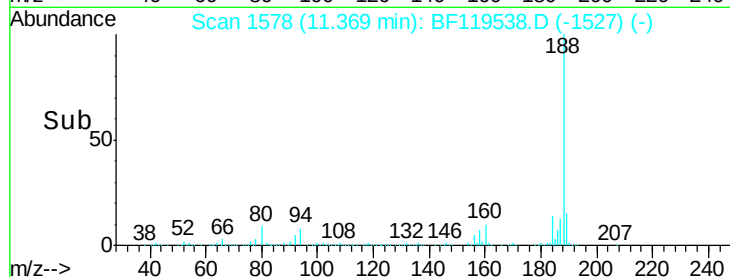
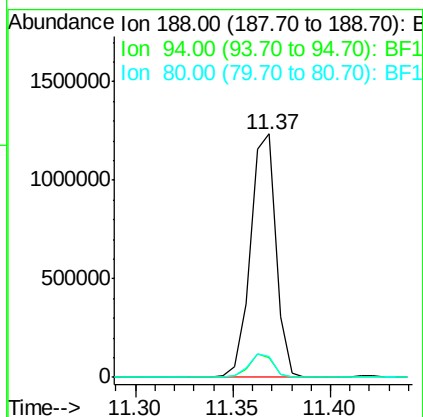
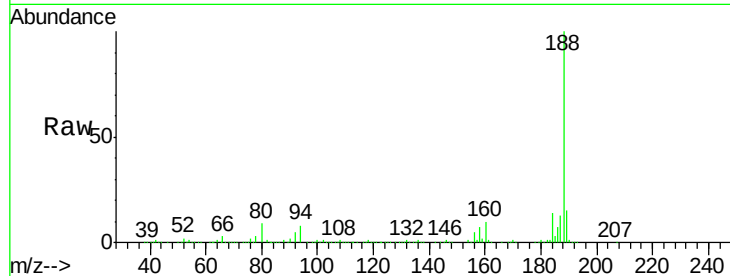




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

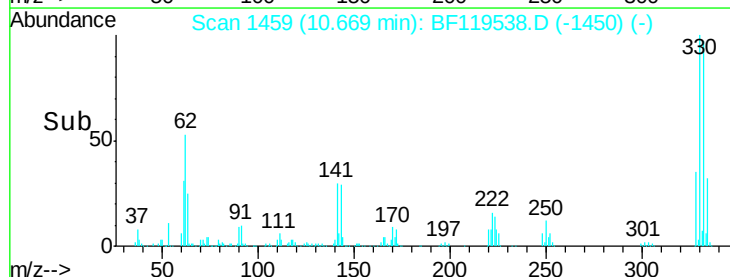
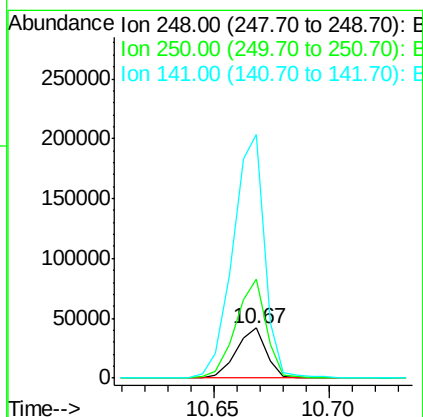
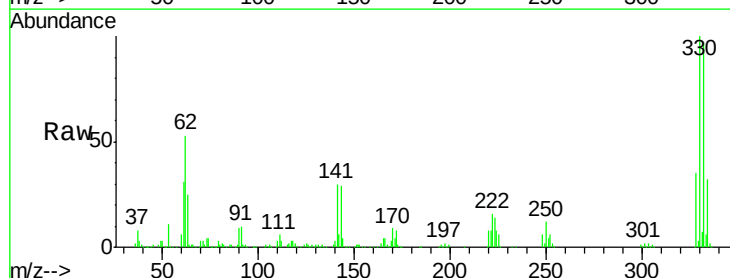
Instrument :
BNA_F
ClientSampleId :
SB-30-(8-8.5)

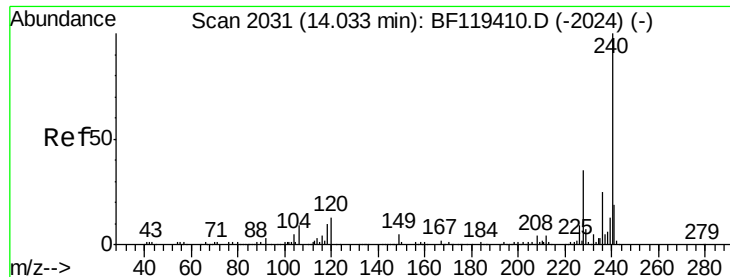
Tgt Ion:188 Resp: 1117737
Ion Ratio Lower Upper
188 100
94 8.1 7.1 10.7
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

Tgt Ion:248 Resp: 38048
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.6#
141 487.5 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: BF119538.D

Acq: 26 Mar 2020 19:17

Instrument :

BNA_F

ClientSampleId :

SB-30-(8-8.5)

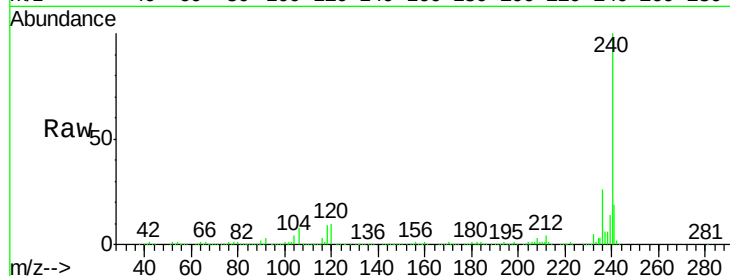
Tgt Ion:240 Resp: 902807

Ion Ratio Lower Upper

240 100

120 10.4 10.2 15.4

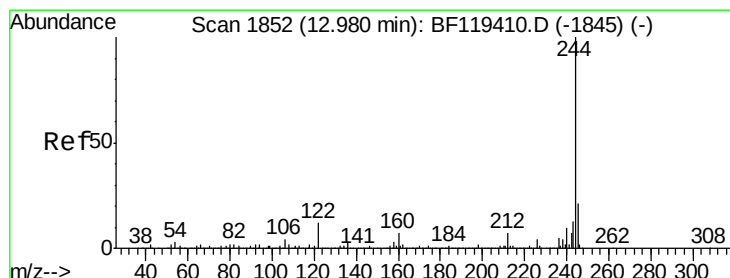
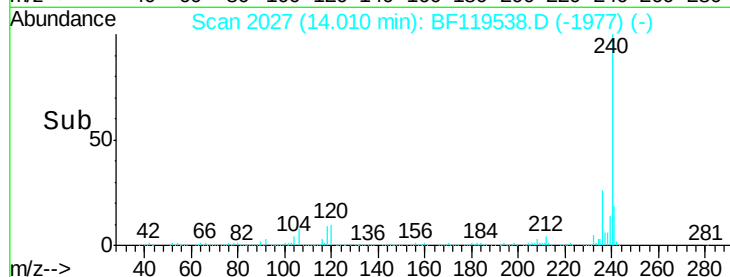
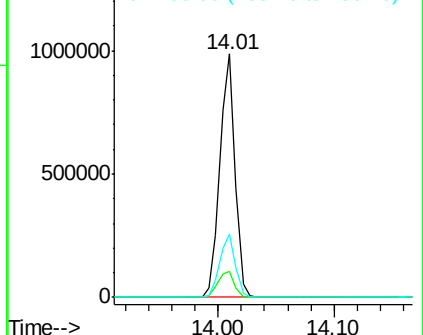
236 25.9 20.4 30.6



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: 62.23 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119538.D

Acq: 26 Mar 2020 19:17

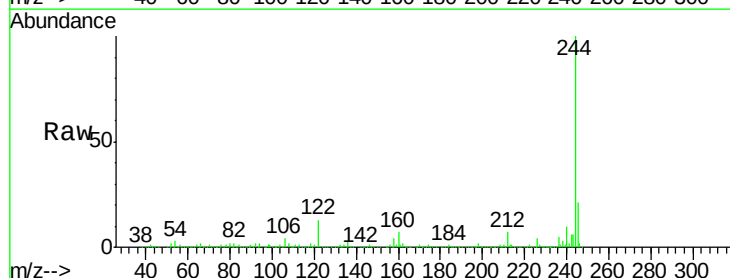
Tgt Ion:244 Resp: 2867517

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

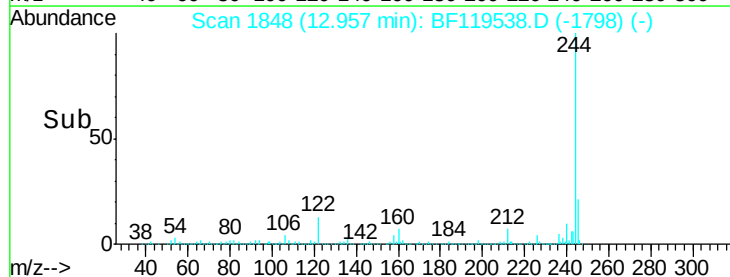
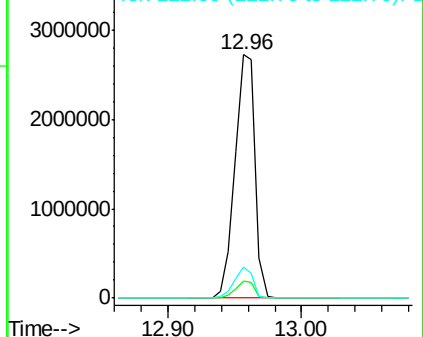
122 13.0 9.8 14.8

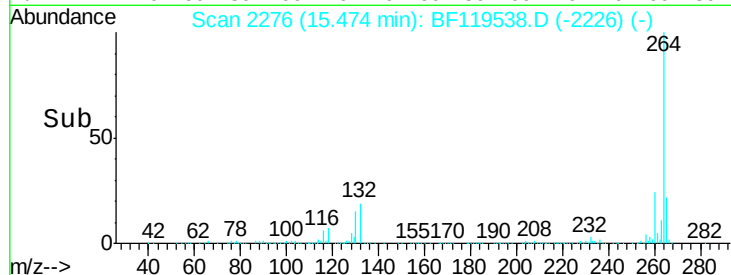
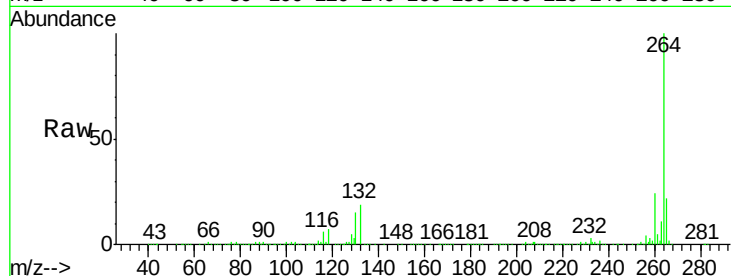
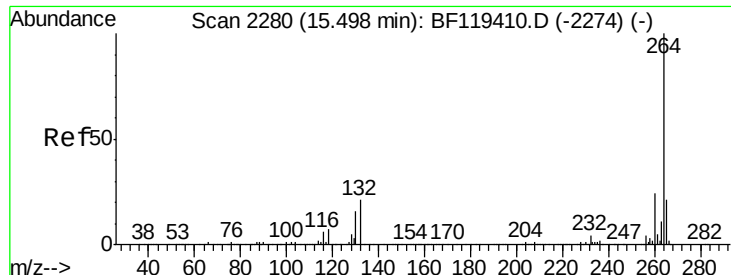


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BF119538.D
Acq: 26 Mar 2020 19:17

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

Tgt Ion:	264	Resp:	867233
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	22.2	16.9	25.3

