

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032520\
 Data File : BF119507.D
 Acq On : 25 Mar 2020 16:16
 Operator : CG/JU
 Sample : PB127810TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127810TB

Quant Time: Mar 25 17:35:12 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 25 14:07:20 2020
 Response via : Initial Calibration

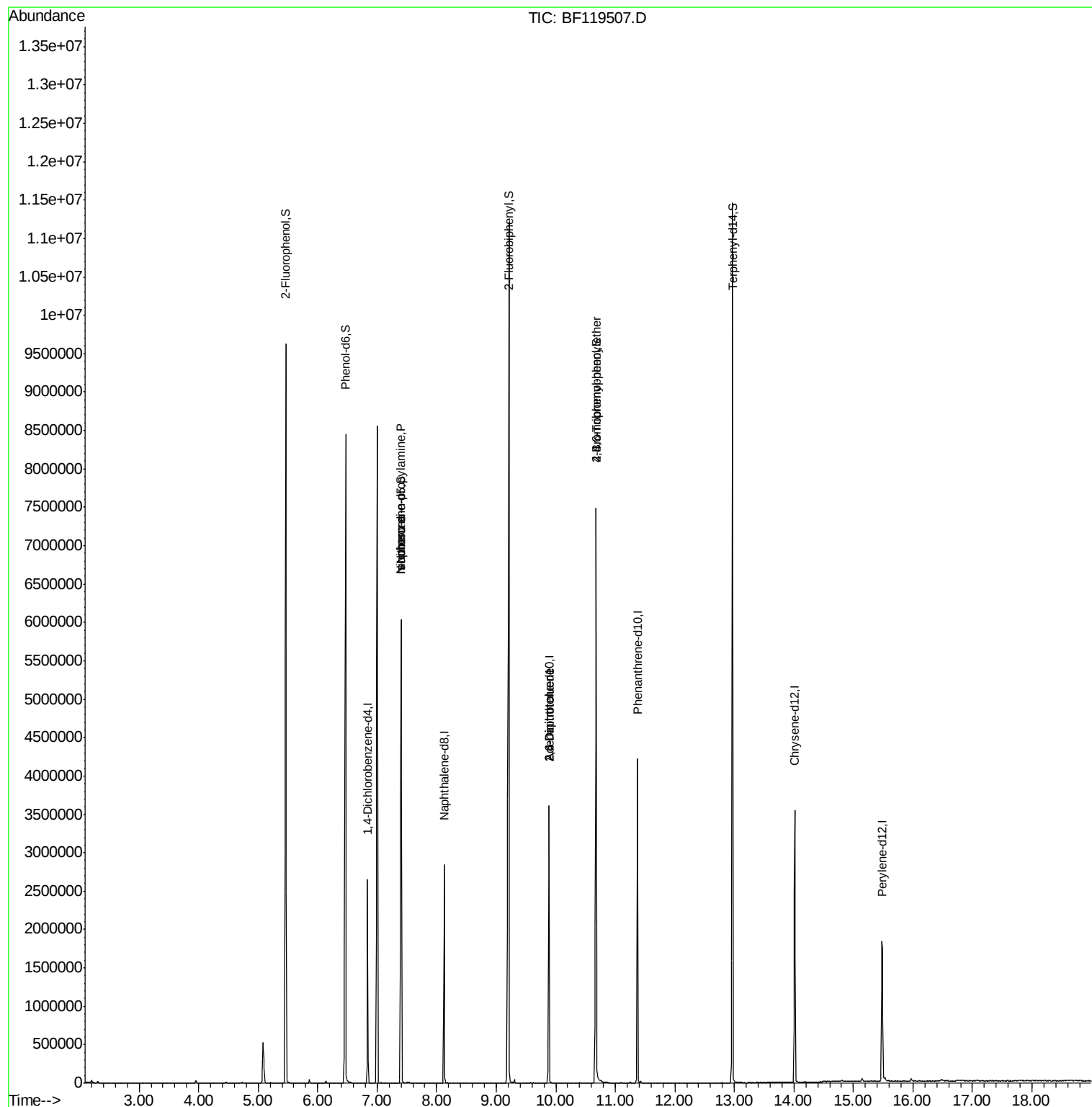
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	373823	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1433994	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	765321	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1521524	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1137405	20.00	ng	-0.01
87) Perylene-d12	15.48	264	898783	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2791883	118.89	ng	0.02
7) Phenol-d6	6.47	99	3519553	117.33	ng	0.00
23) Nitrobenzene-d5	7.40	82	2325283	88.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	1135026	143.76	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	4323894	83.70	ng	0.00
79) Terphenyl-d14	12.97	244	4956372	85.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	314948	17.419	ng	# 73
25) Isophorone	7.40	82	2257405	42.176	ng	# 66
51) 2,6-Dinitrotoluene	9.89	165	100750	8.647	ng	# 19
57) 2,4-Dinitrotoluene	9.89	165	100750	6.864	ng	# 25
67) 4-Bromophenyl-phenylether	10.68	248	65405	3.774	ng	# 1

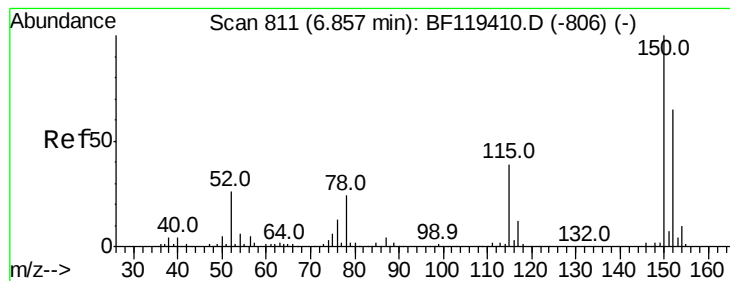
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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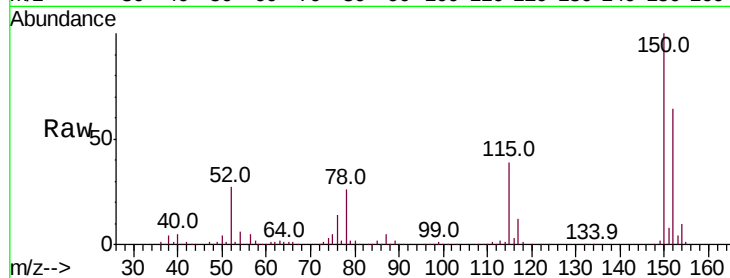


#1

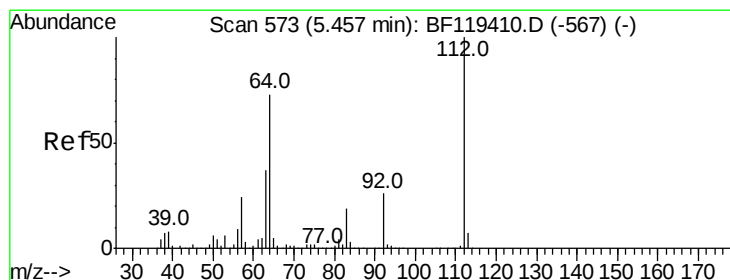
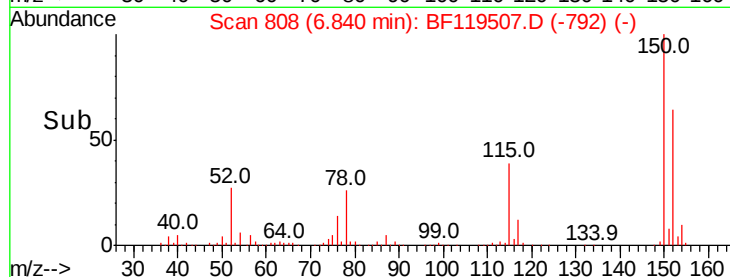
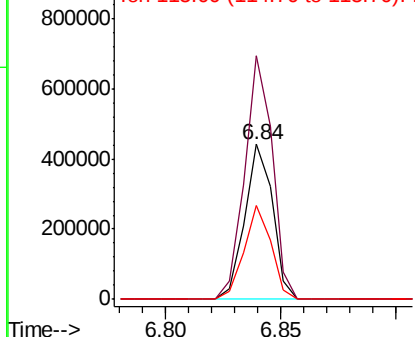
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Instrument :
BNA_F
ClientSampleId :
PB127810TB

Tot Ion:152 Resp: 373823
Ion Ratio Lower Upper
152 100
150 156.9 123.9 185.9
115 60.4 47.8 71.6



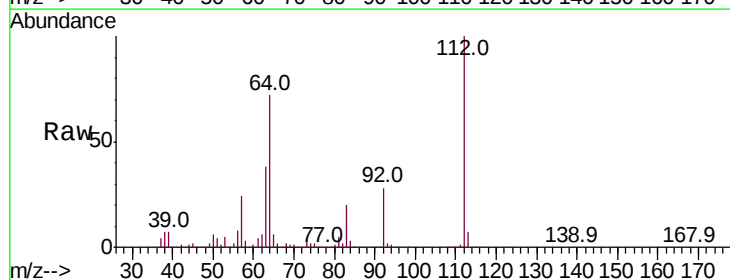
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



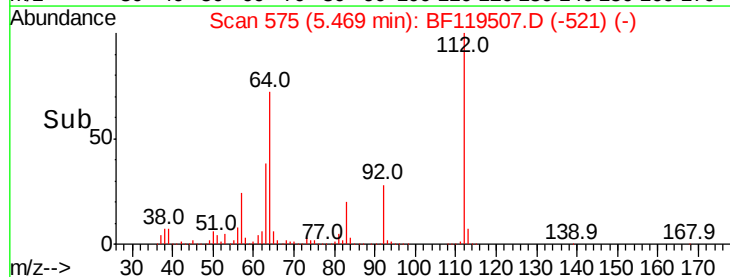
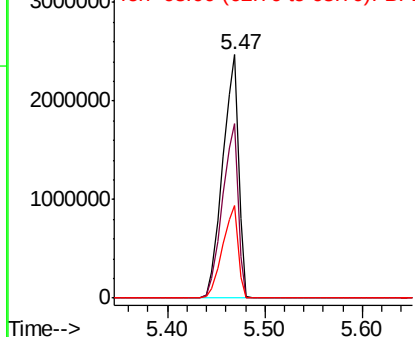
#5

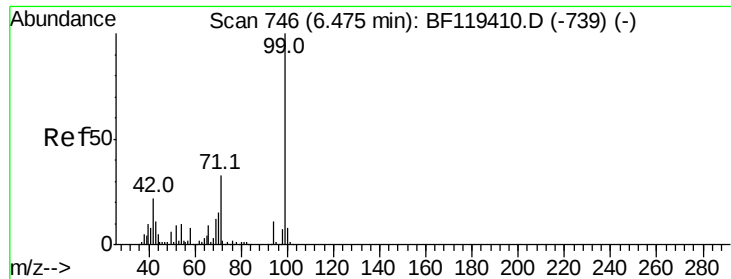
2-Fluorophenol
Concen: 118.891 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.02 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Tgt Ion:112 Resp: 2791883
Ion Ratio Lower Upper
112 100
64 71.9 58.1 87.1
63 38.2 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: 117.328 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

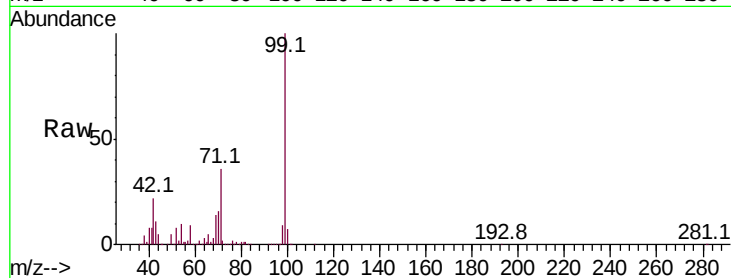
Tot Ion: 99 Resp: 3519553

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

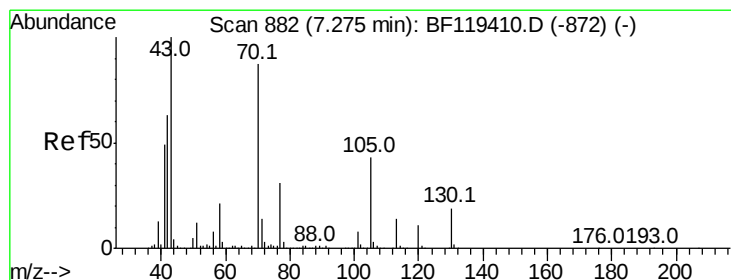
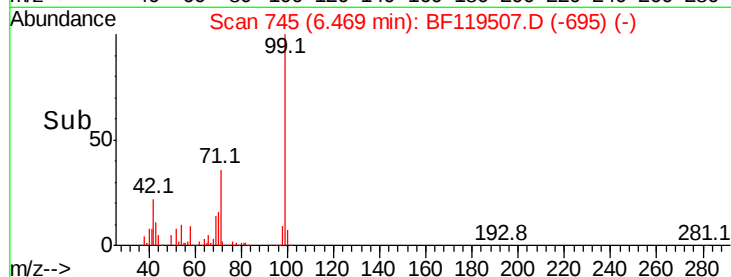
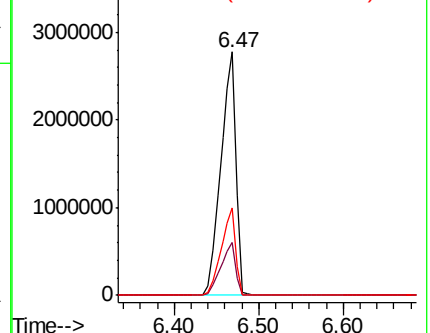
71 35.8 26.0 39.0



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: 17.419 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.14 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Tgt Ion: 70 Resp: 314948

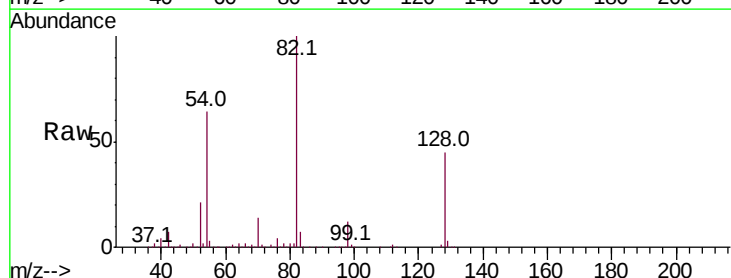
Ion Ratio Lower Upper

70 100

42 53.4 58.2 87.4#

101 0.0 7.4 11.2#

130 2.4 17.8 26.8#

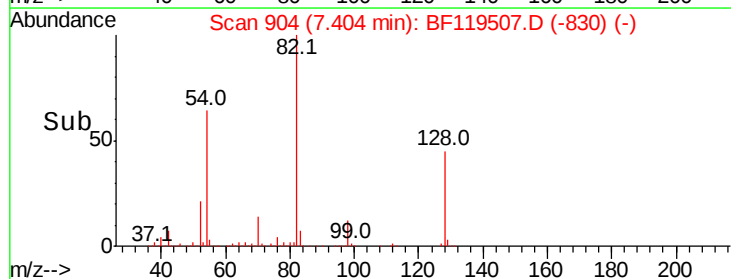
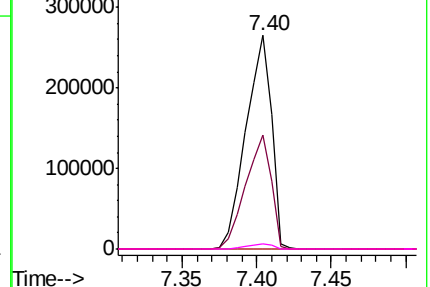


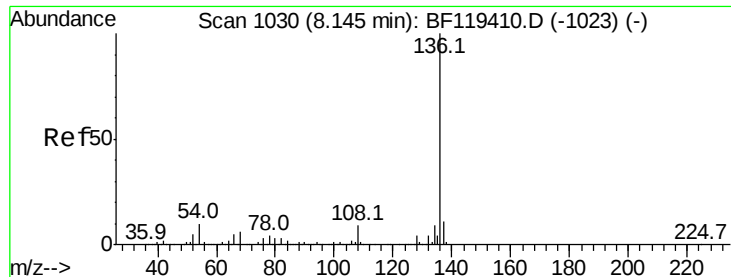
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

Tot Ion:136 Resp: 1433994

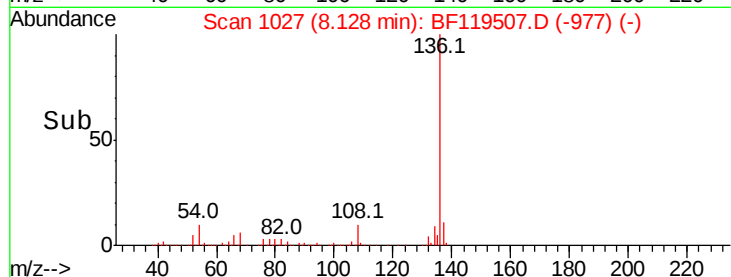
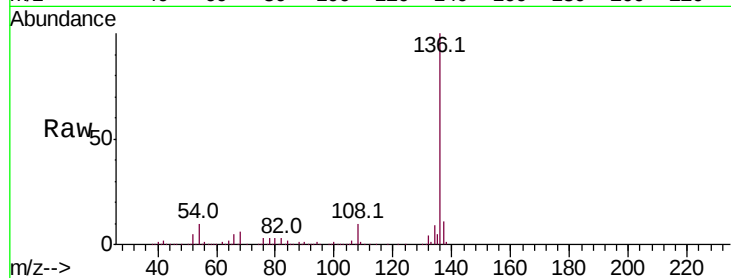
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 10.0 8.3 12.5

68 5.6 4.9 7.3

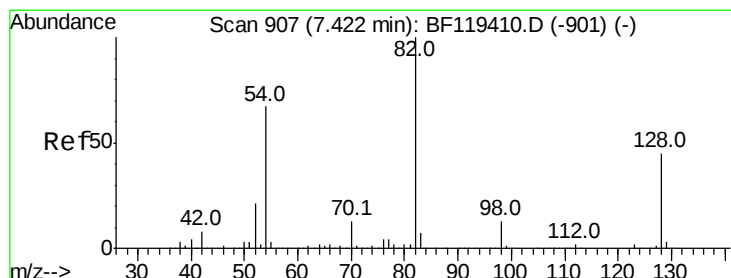
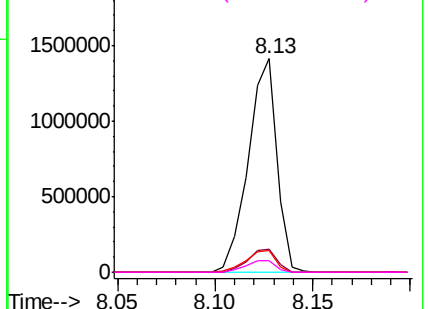


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.127 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

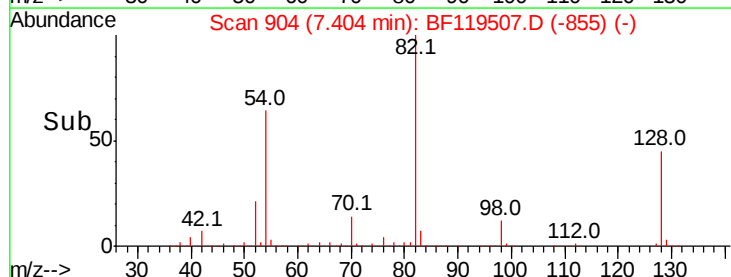
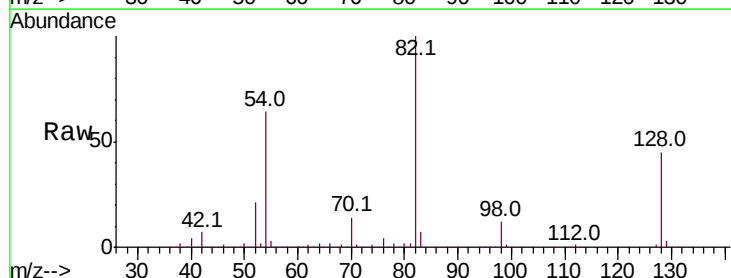
Tgt Ion: 82 Resp: 2325283

Ion Ratio Lower Upper

82 100

128 45.2 35.8 53.8

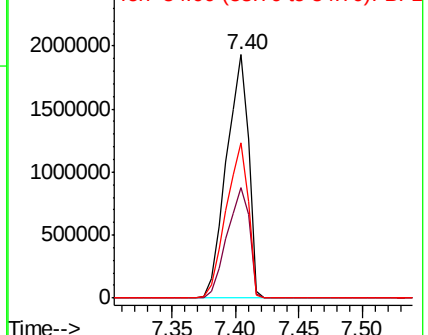
54 63.8 53.4 80.0

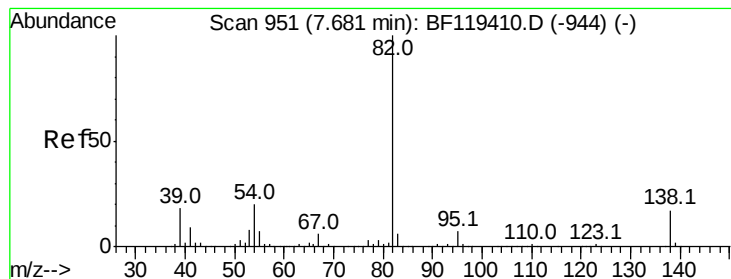


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.176 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

BNA_F

ClientSampleId :

PB127810TB

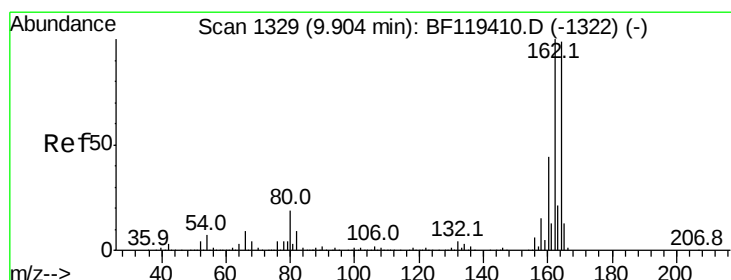
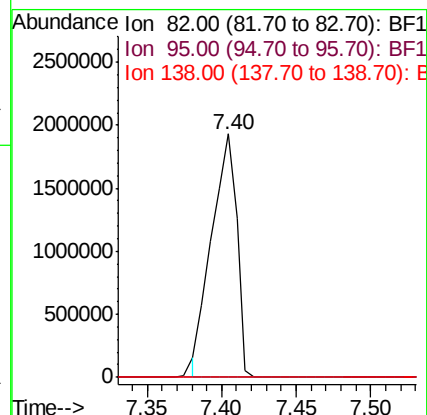
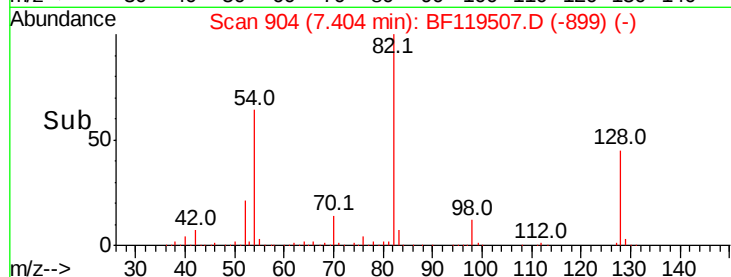
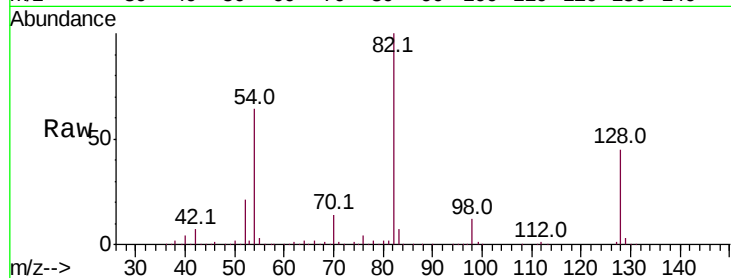
Tot Ion: 82 Resp: 2257405

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

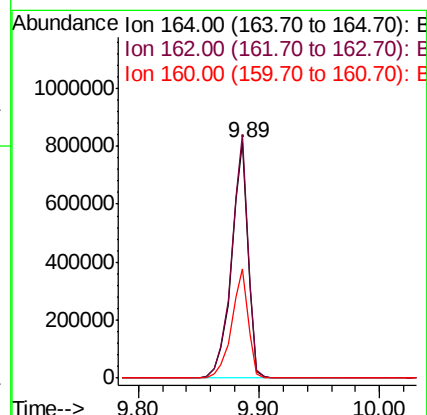
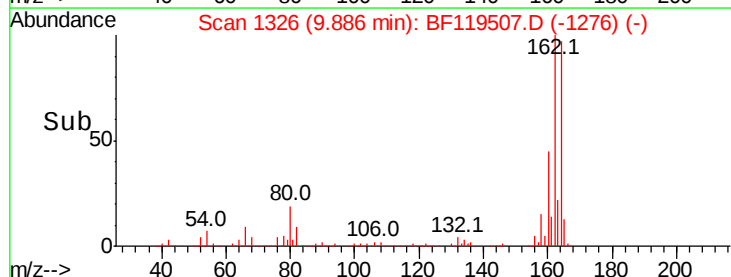
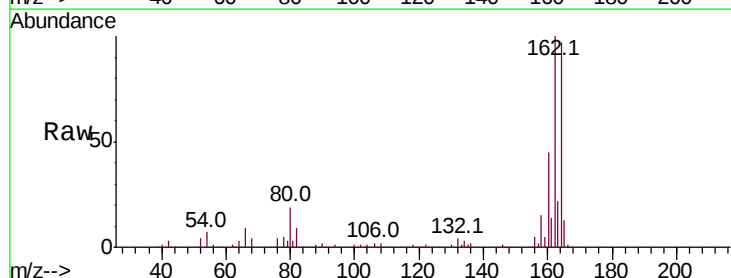
Tgt Ion:164 Resp: 765321

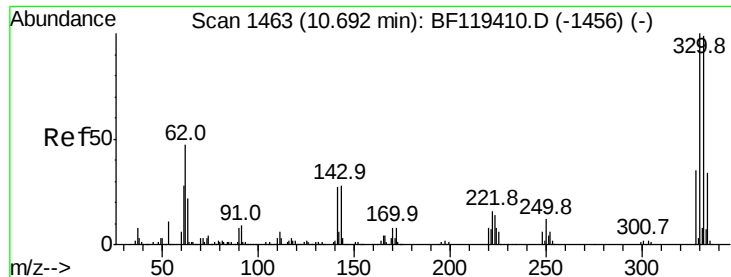
Ion Ratio Lower Upper

164 100

162 103.3 80.7 121.1

160 46.3 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 143.755 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

Instrument :

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ClientSampleId :

PB127810TB

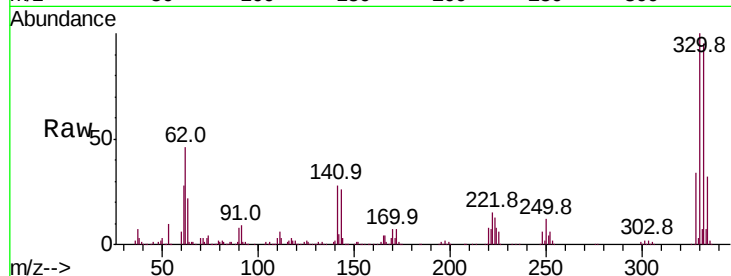
Tot Ion:330 Resp: 1135026

Ion Ratio Lower Upper

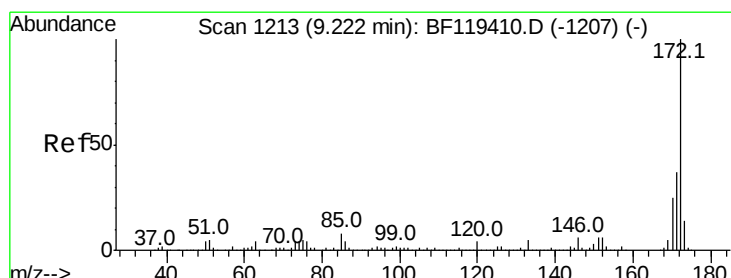
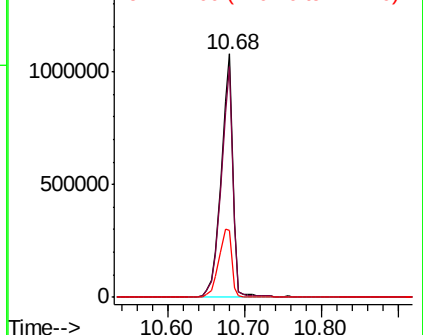
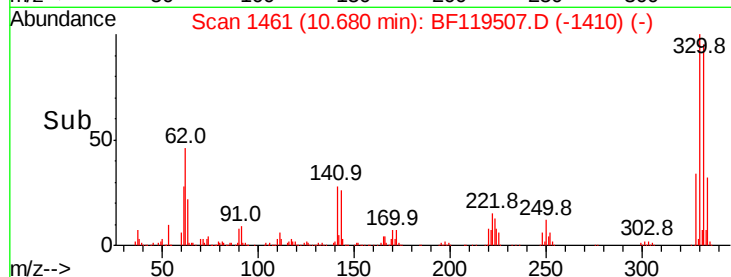
330 100

332 95.5 77.6 116.4

141 31.6 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: 83.700 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF119507.D

Acq: 25 Mar 2020 16:16

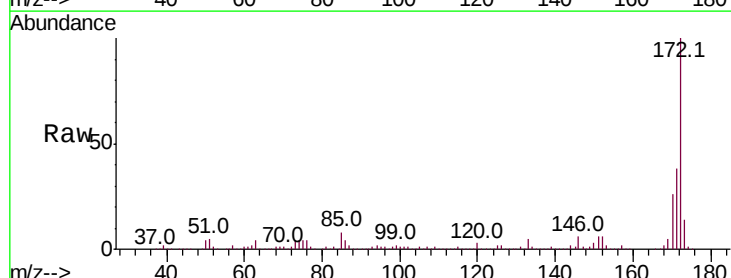
Tgt Ion:172 Resp: 4323894

Ion Ratio Lower Upper

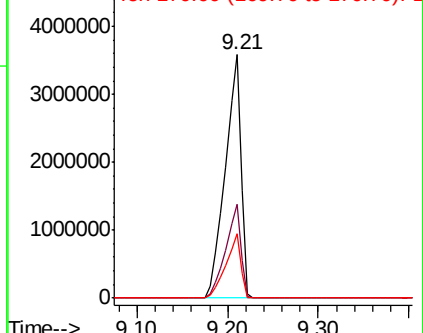
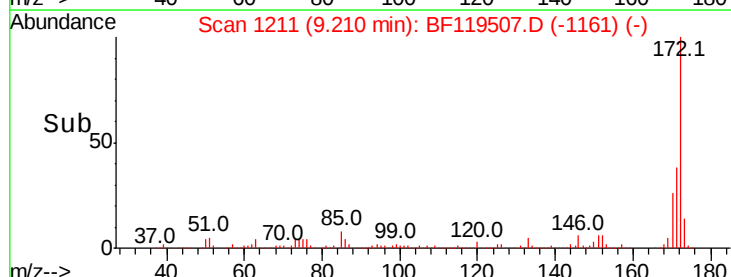
172 100

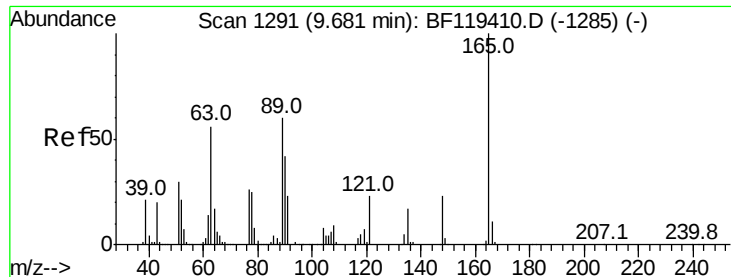
171 38.4 29.9 44.9

170 26.3 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

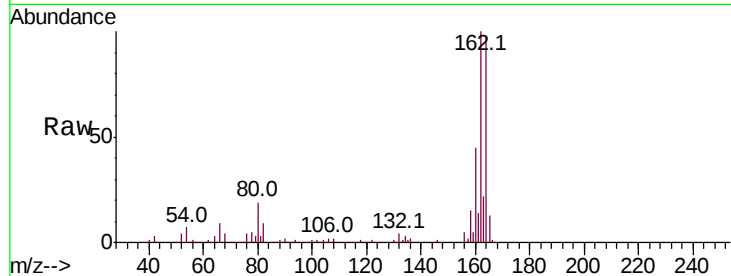




#51
2,6-Dinitrotoluene
Concen: 8.647 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.21 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Instrument :
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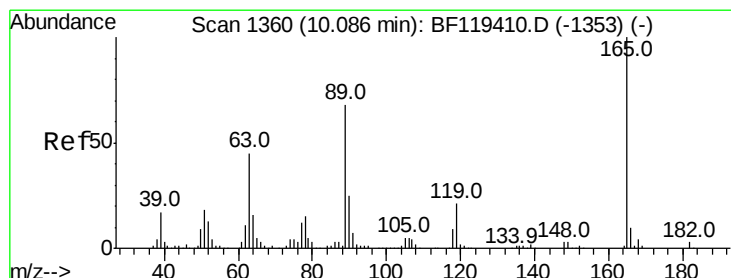
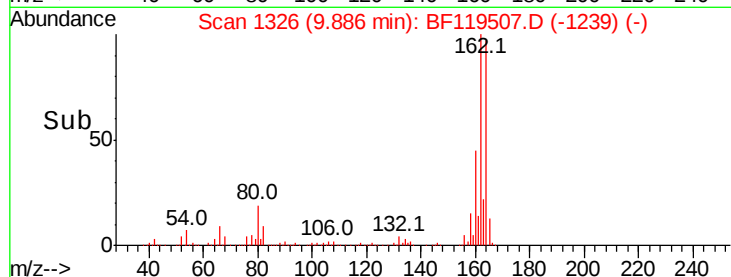
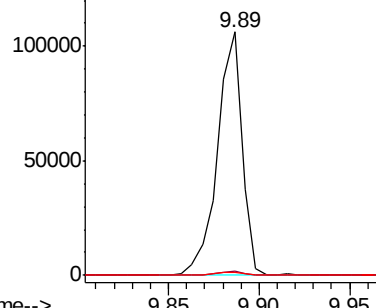
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	57.3	85.9#
89	1.3	47.8	71.8#



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: 6.864 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.19 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

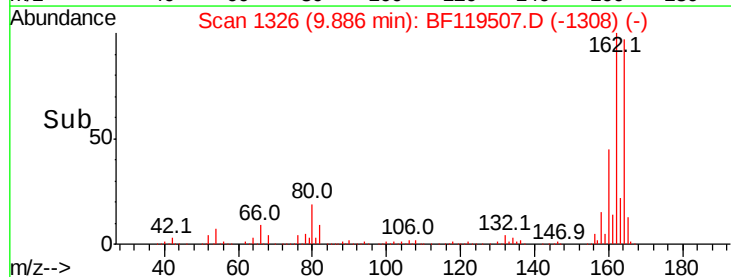
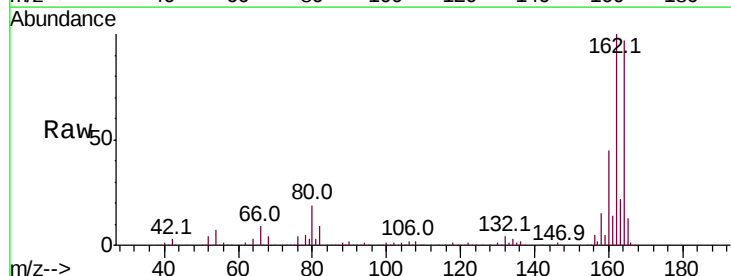
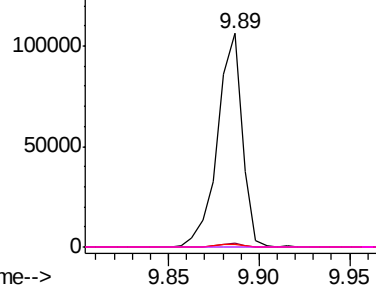
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.3	54.3	81.5#
182	0.0	2.0	3.0#

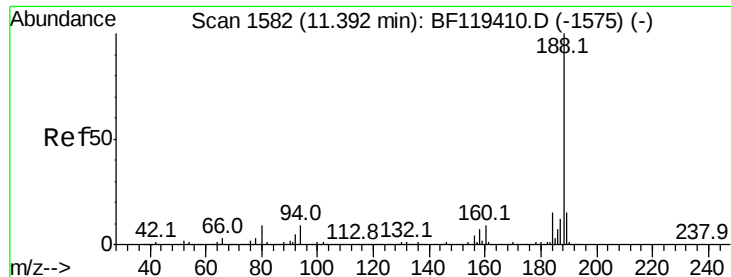
Abundance Ion 165.00 (164.70 to 165.70): E

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

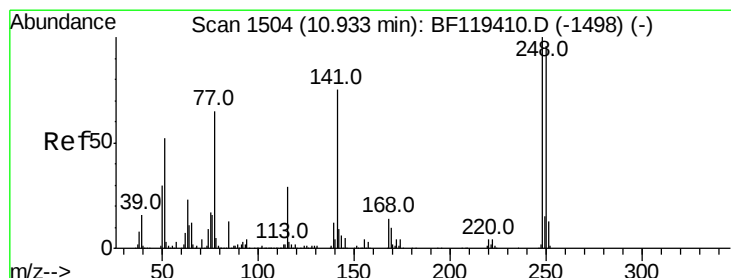
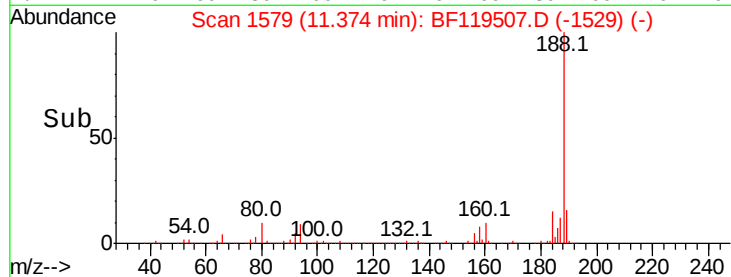
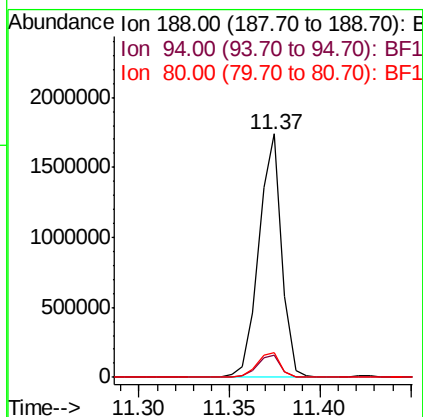
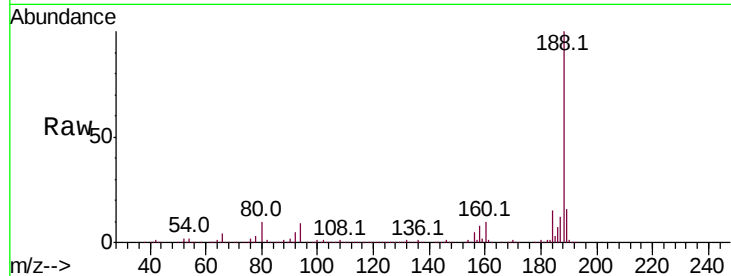




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF119507.D
 Acq: 25 Mar 2020 16:16

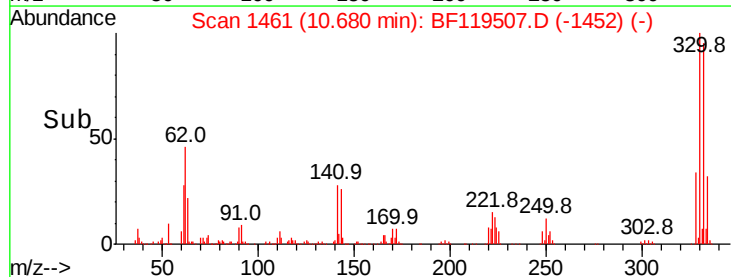
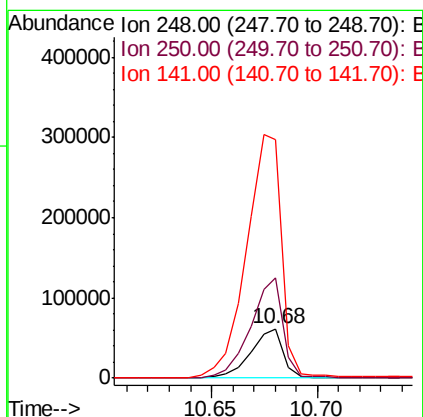
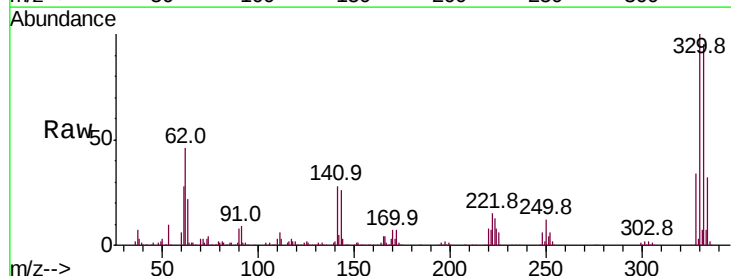
Instrument :
 BNA_F
 ClientSampleId :
 PB127810TB

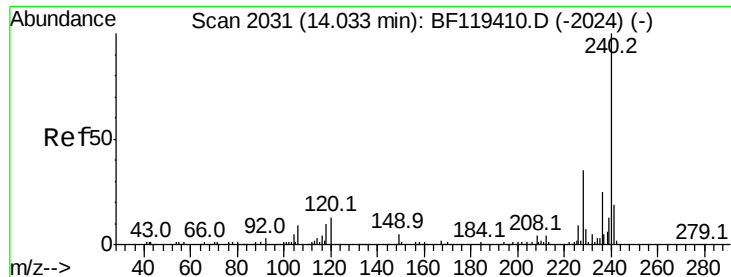
Tot Ion:188 Resp: 1521524
 Ion Ratio Lower Upper
 188 100
 94 9.4 7.1 10.7
 80 10.0 7.5 11.3



#67
 4-Bromophenyl-phenylether
 Concen: 3.774 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.25 min
 Lab File: BF119507.D
 Acq: 25 Mar 2020 16:16

Tgt Ion:248 Resp: 65405
 Ion Ratio Lower Upper
 248 100
 250 205.7 77.0 115.6#
 141 487.5 59.7 89.5#

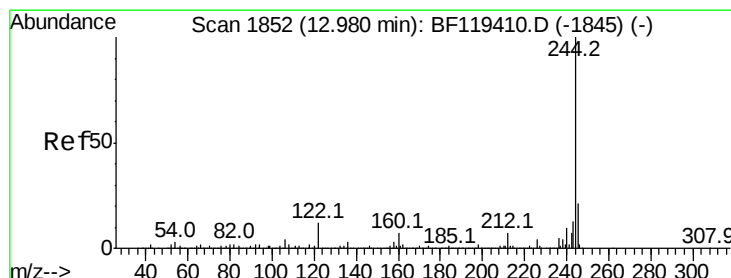
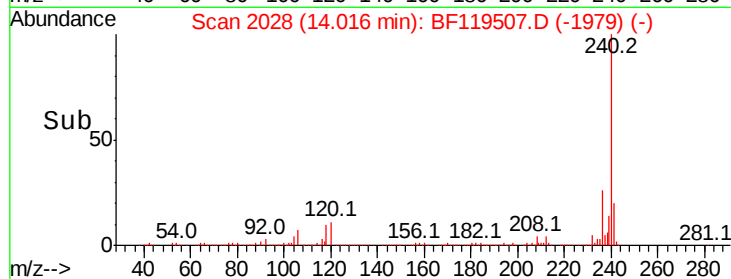
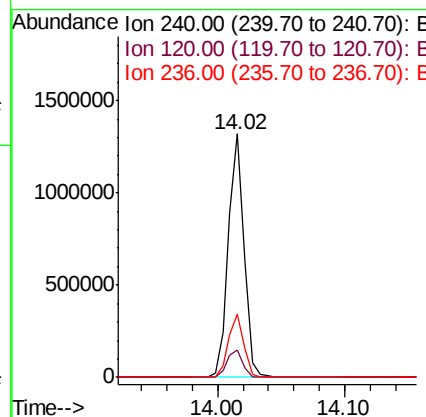
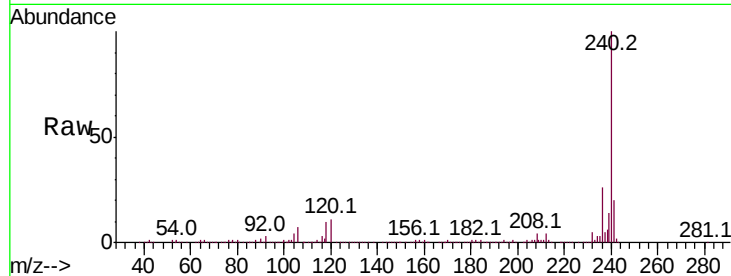




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF119507.D
 Acq: 25 Mar 2020 16:16

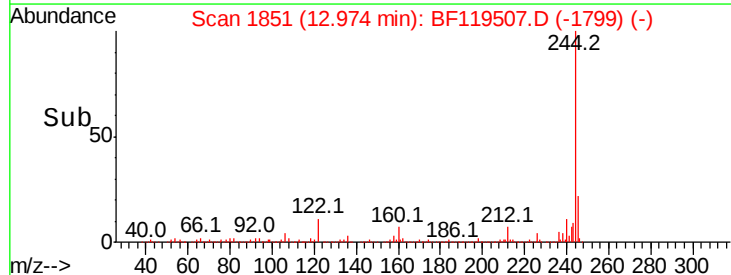
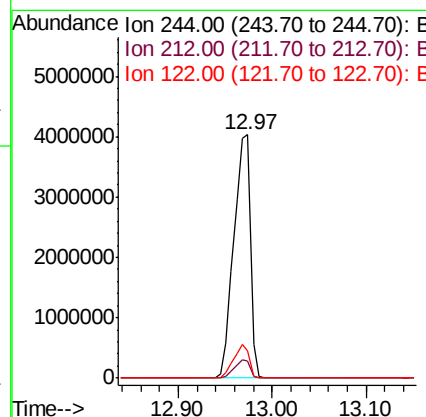
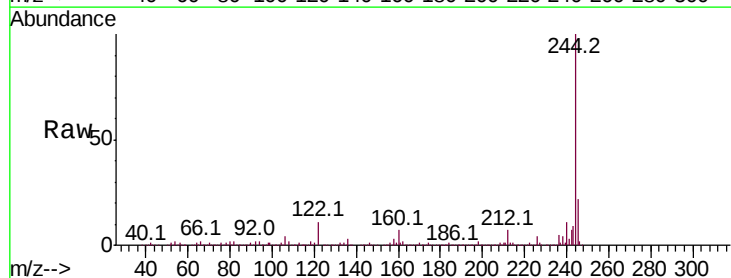
Instrument :
 BNA_F
 ClientSampleId :
 PB127810TB

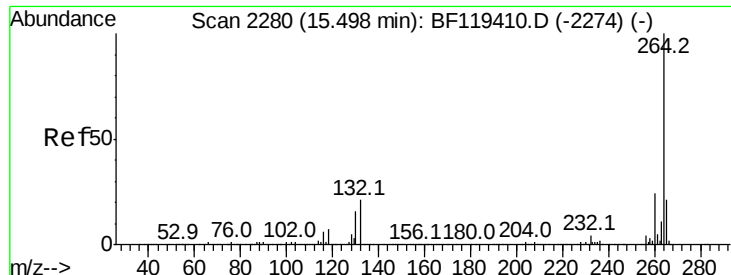
Tot Ion:240 Resp: 1137405
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.2 15.4
 236 25.8 20.4 30.6



#79
 Terphenyl-d14
 Concen: 85.375 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.01 min
 Lab File: BF119507.D
 Acq: 25 Mar 2020 16:16

Tgt Ion:244 Resp: 4956372
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 11.5 9.8 14.8

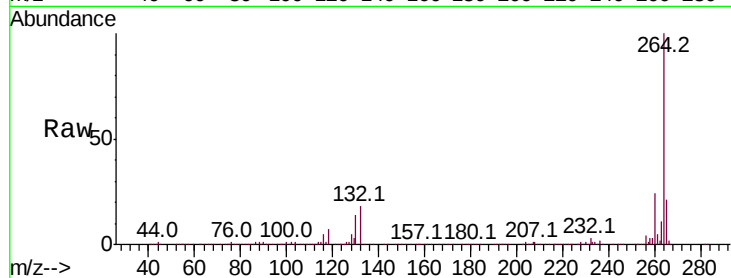




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF119507.D
Acq: 25 Mar 2020 16:16

Instrument :
BNA_F
ClientSampleId :
PB127810TB

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

