

Data File : BF118459.D
Acq On : 3 Jan 2020 14:10
Operator : JU
Sample : PB125821TB
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB125821TB

Quant Time: Jan 04 00:03:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

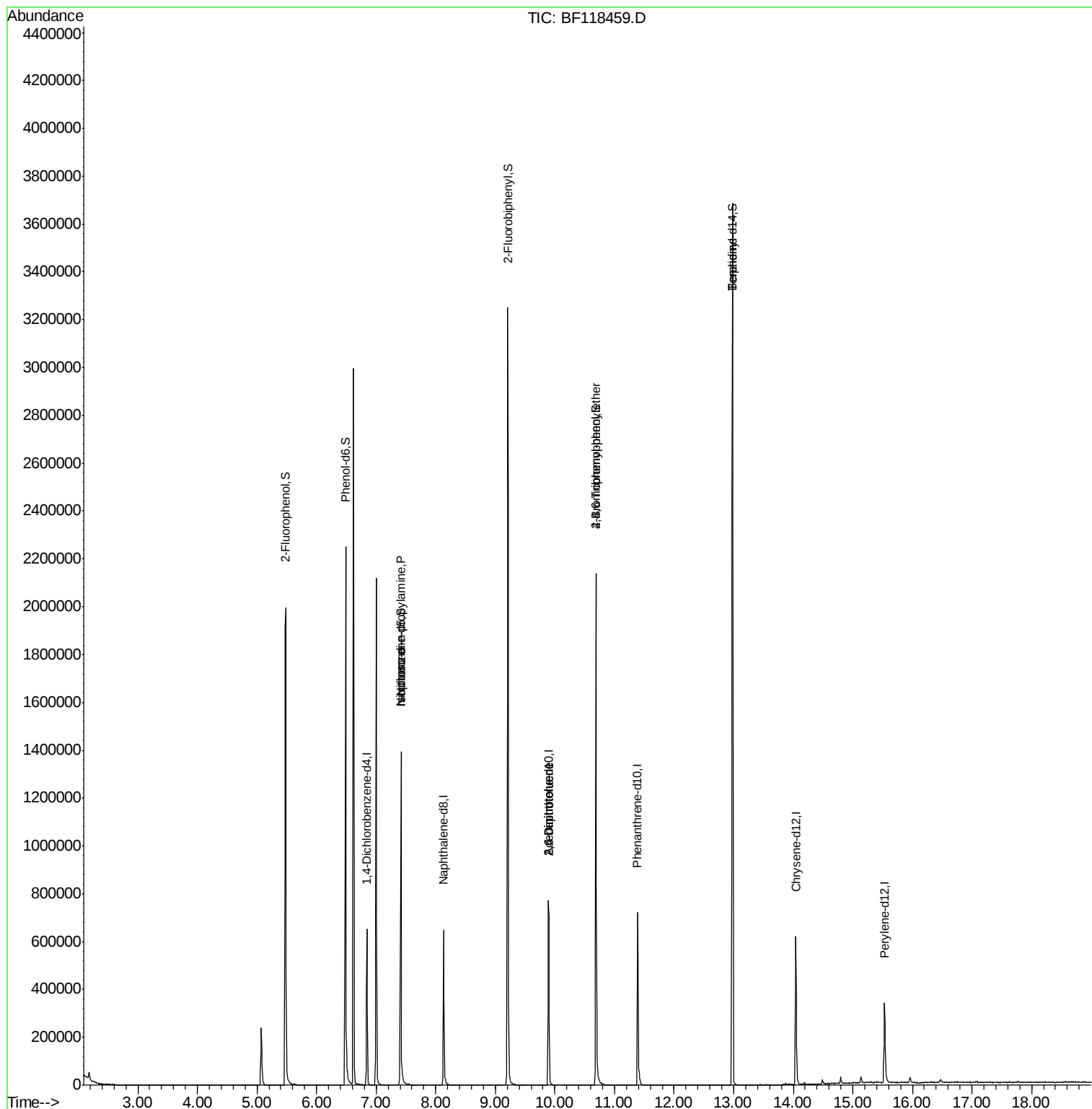
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	93200	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	352239	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	190187	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	360140	20.00	ng	0.00
76) Chrysene-d12	14.04	240	240211	20.00	ng	0.00
87) Perylene-d12	15.53	264	188827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	613926	112.44	ng	0.02
7) Phenol-d6	6.49	99	856604	126.47	ng	0.00
23) Nitrobenzene-d5	7.42	82	516699	83.90	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	275498	117.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1058014	84.92	ng	-0.01
79) Terphenyl-d14	12.98	244	1299734	89.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	70920	16.997	ng	# 77
25) Isophorone	7.42	82	516696	48.141	ng	# 62
51) 2,6-Dinitrotoluene	9.89	165	23646	7.683	ng	# 27
57) 2,4-Dinitrotoluene	9.89	165	23646	5.750	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	17025	4.039	ng	# 1
77) Benzidine	12.98	184	19335	2.938	ng	# 94

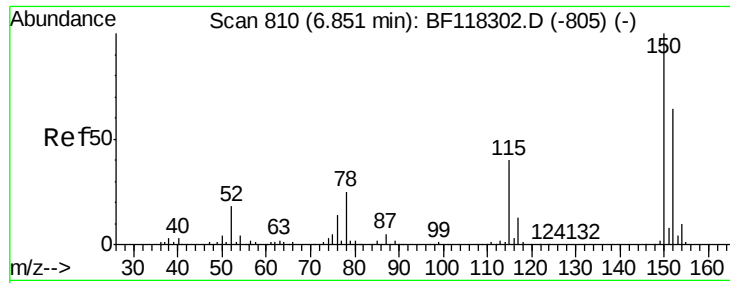
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration



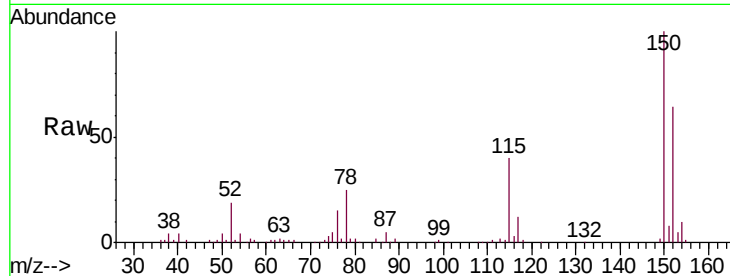


#1

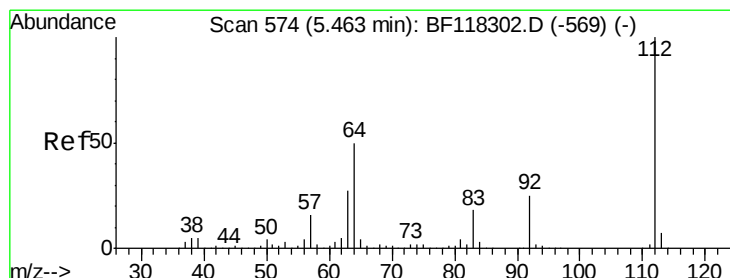
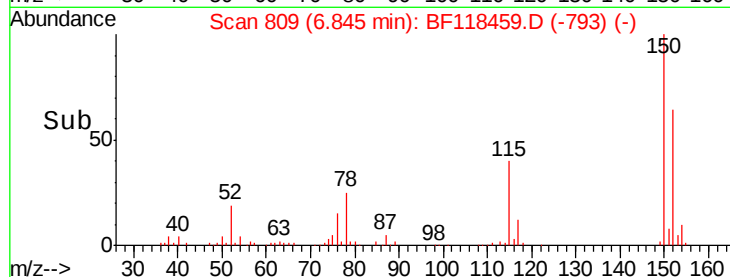
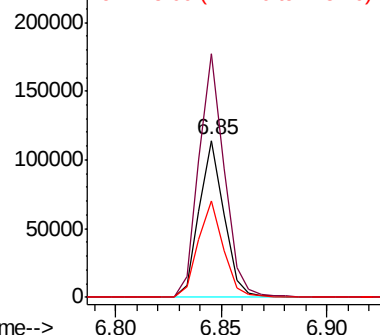
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

Instrument :
BNA_F
ClientSampleId :
PB125821TB

Tgt Ion:152 Resp: 93200
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.2
115 61.4 50.2 75.4



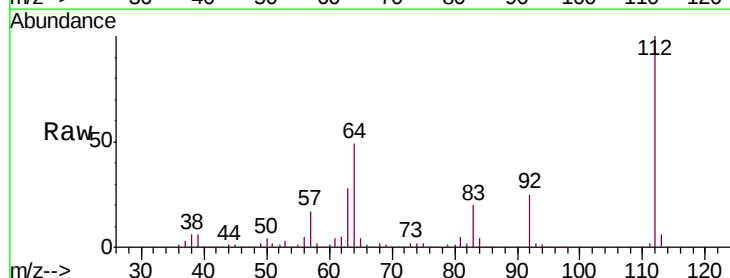
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



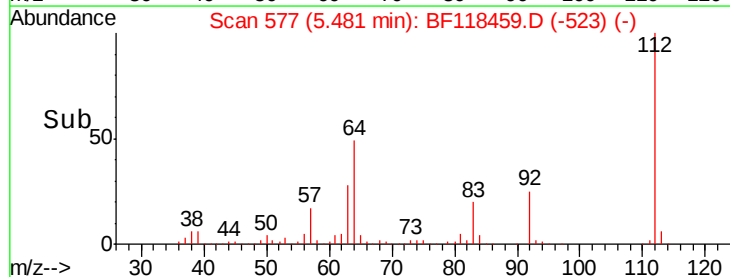
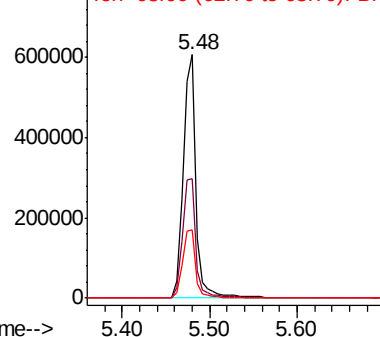
#5

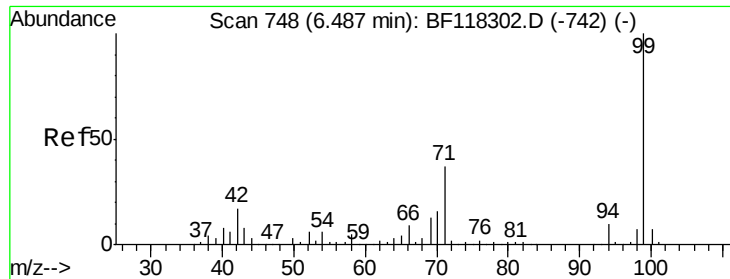
2-Fluorophenol
Concen: 112.443 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

Tgt Ion:112 Resp: 613926
Ion Ratio Lower Upper
112 100
64 49.2 39.7 59.5
63 28.0 21.7 32.5



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: 126.471 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB125821TB

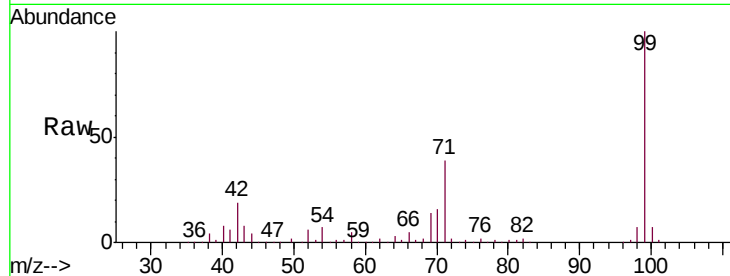
Tgt Ion: 99 Resp: 856604

Ion Ratio Lower Upper

99 100

42 18.6 13.5 20.3

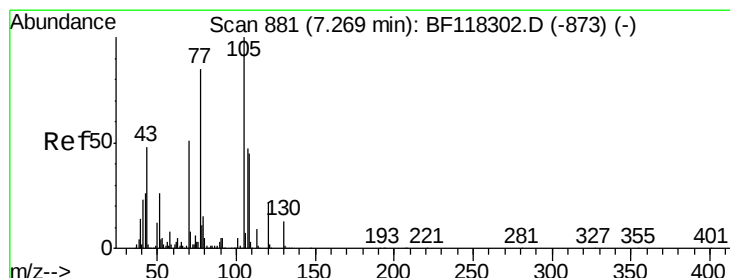
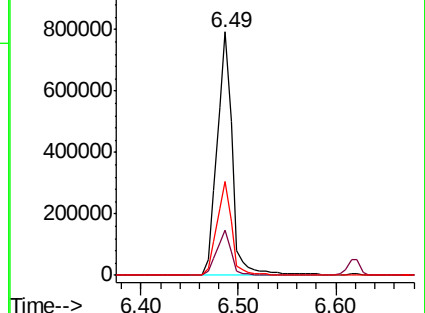
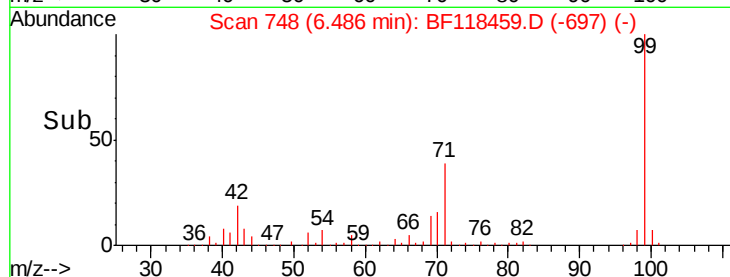
71 38.7 29.4 44.2



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: 16.997 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Tgt Ion: 70 Resp: 70920

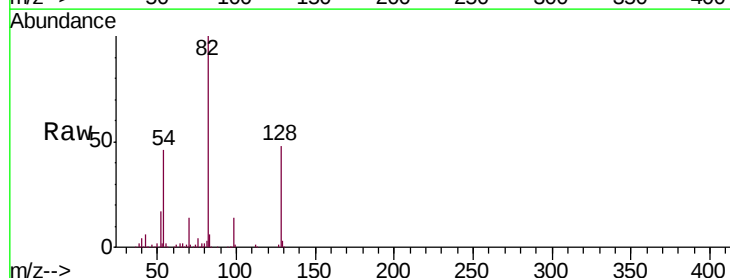
Ion Ratio Lower Upper

70 100

42 43.6 41.1 61.7

101 0.0 8.3 12.5#

130 2.3 20.1 30.1#

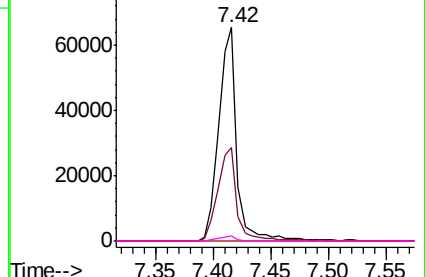
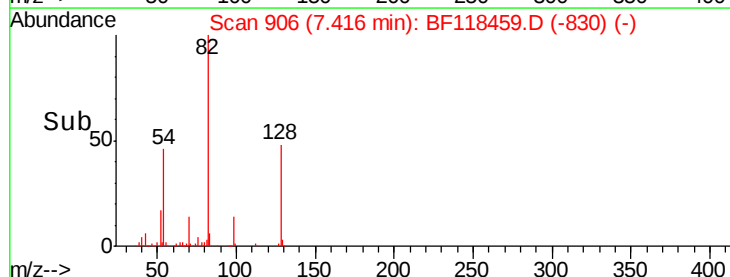


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

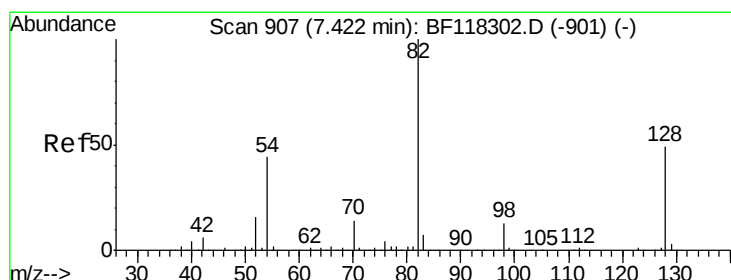
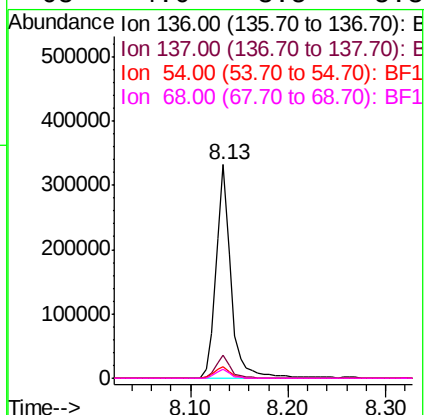
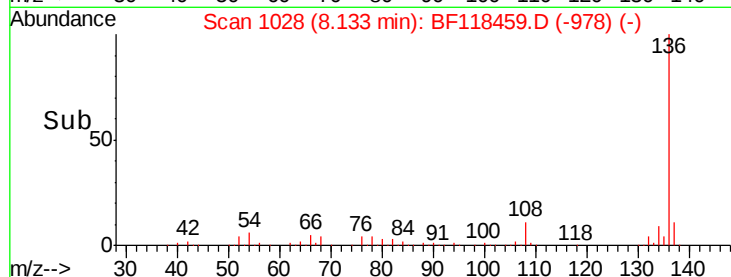
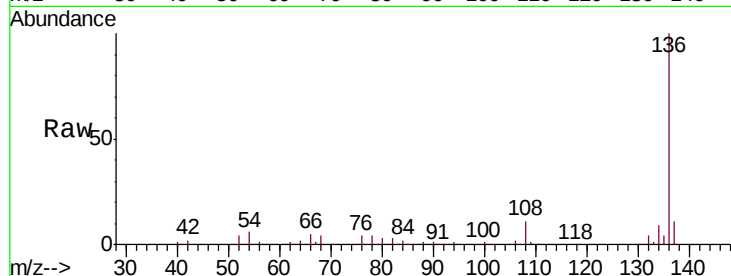




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

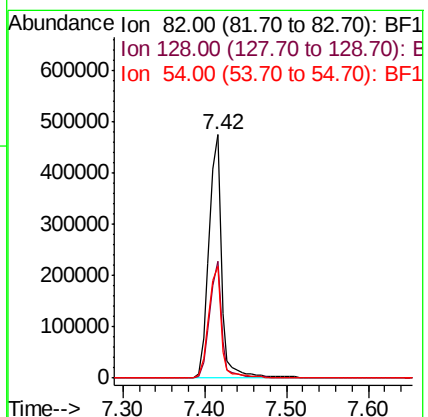
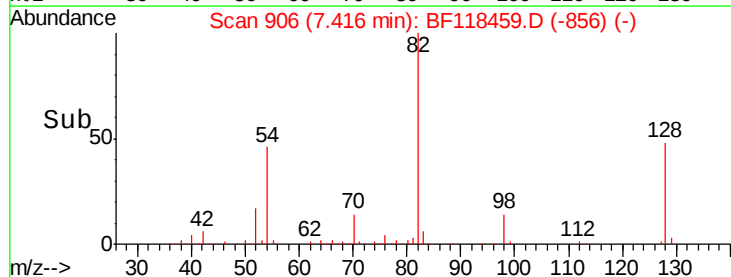
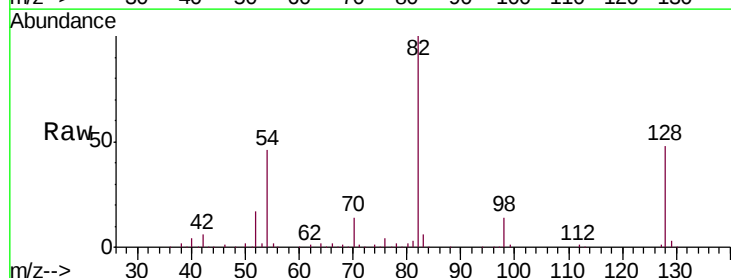
Instrument :
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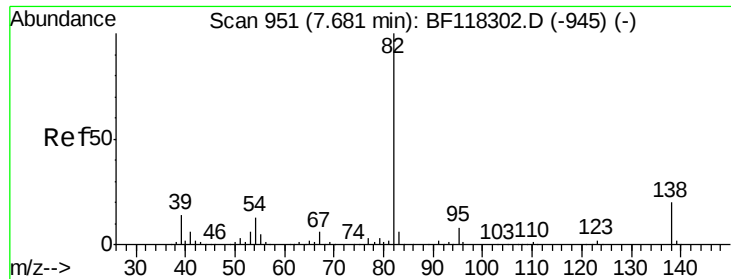
Tgt Ion:	136	Resp:	352239
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.5	4.2	6.4
68	4.0	3.5	5.3



#23
Nitrobenzene-d5
Concen: 83.899 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

Tgt Ion:	82	Resp:	516699
Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.6	59.4
54	45.8	34.9	52.3





#25

Isophorone

Concen: 48.141 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB125821TB

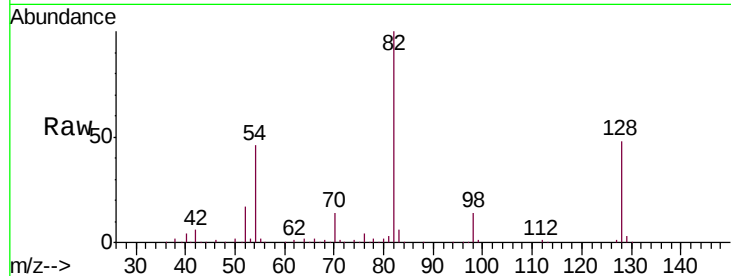
Tgt Ion: 82 Resp: 516696

Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

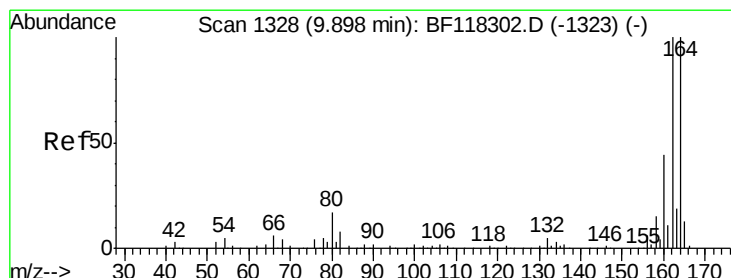
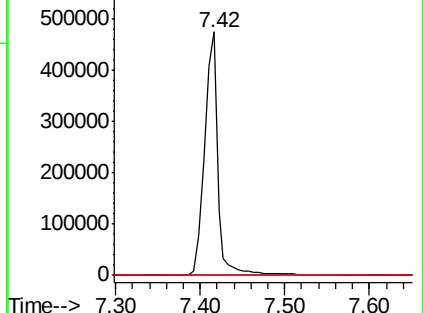
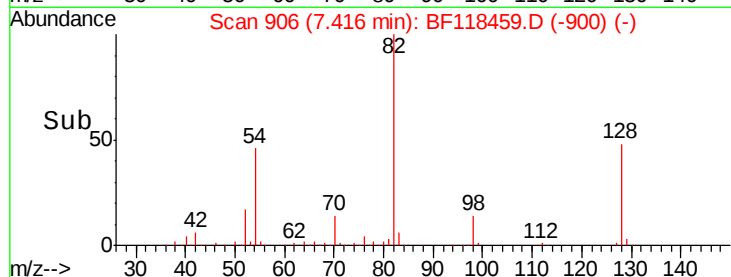
138 0.0 16.2 24.2#



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: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

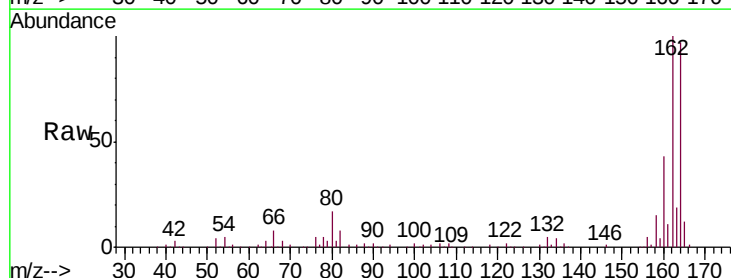
Tgt Ion: 164 Resp: 190187

Ion Ratio Lower Upper

164 100

162 102.9 80.0 120.0

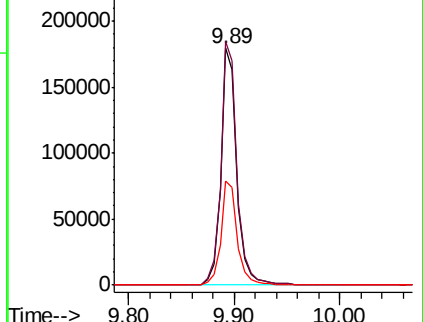
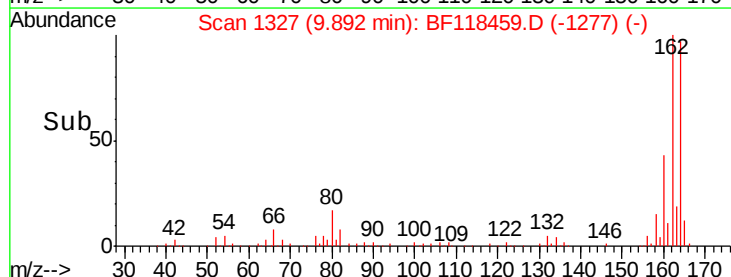
160 44.1 34.8 52.2

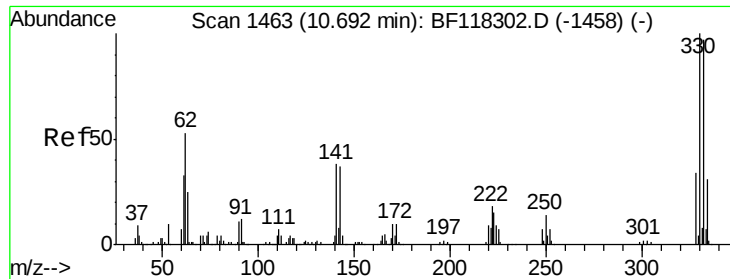


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

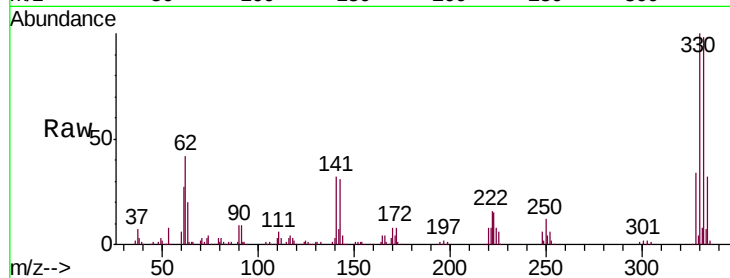




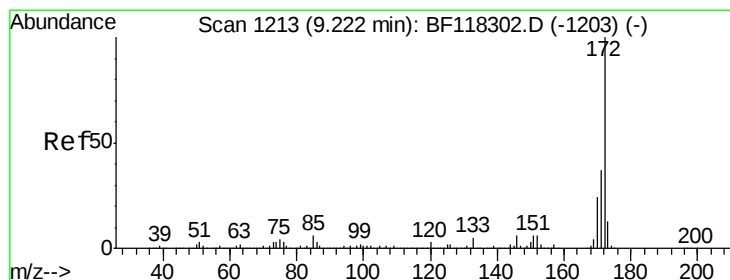
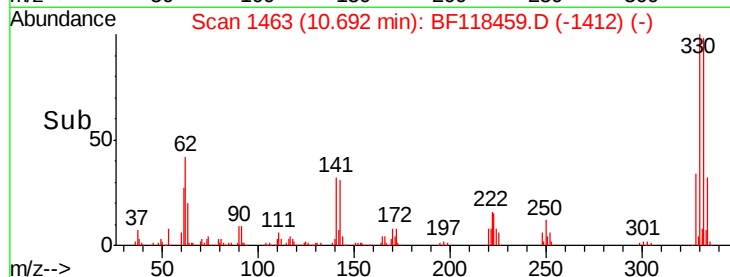
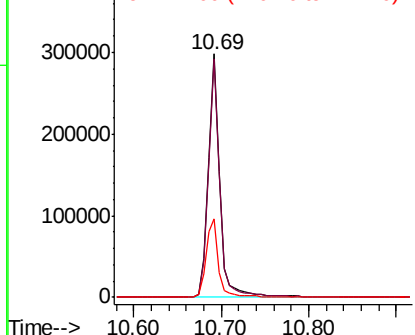
#42
 2,4,6-Tribromophenol
 Concen: 117.300 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118459.D
 Acq: 3 Jan 2020 14:10

Instrument :
 BNA_F
 ClientSampleId :
 PB125821TB

Tgt Ion:330 Resp: 275498
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 34.7 26.0 39.0

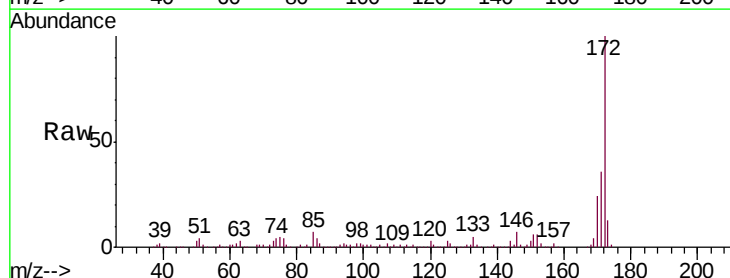


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

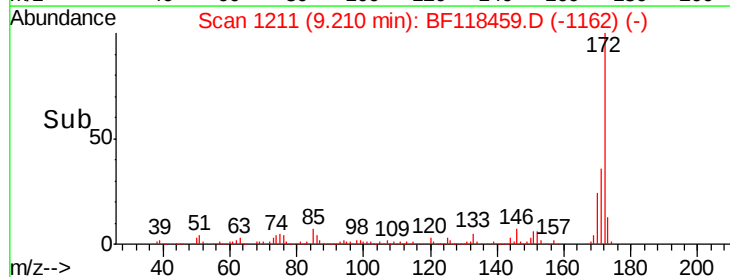
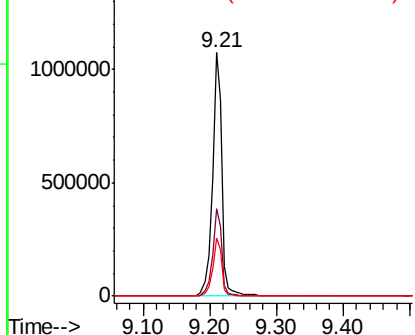


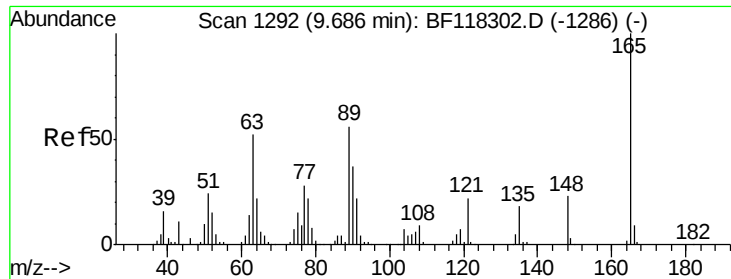
#45
 2-Fluorobiphenyl
 Concen: 84.918 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118459.D
 Acq: 3 Jan 2020 14:10

Tgt Ion:172 Resp: 1058014
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.3 43.9
 170 23.7 19.2 28.8



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: 7.683 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.21 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB125821TB

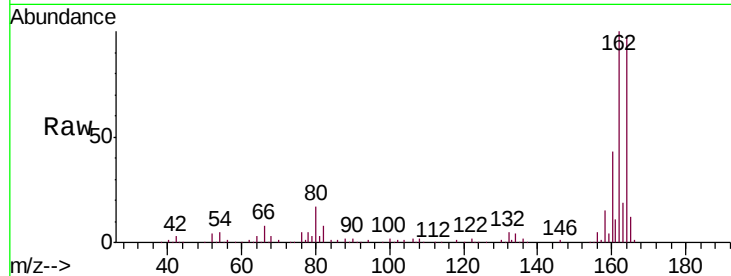
Tgt Ion:165 Resp: 23646

Ion Ratio Lower Upper

165 100

63 1.7 42.2 63.4#

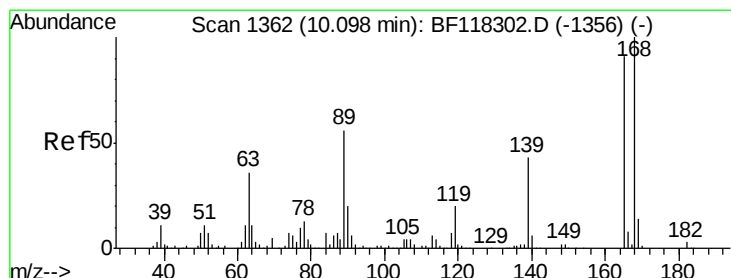
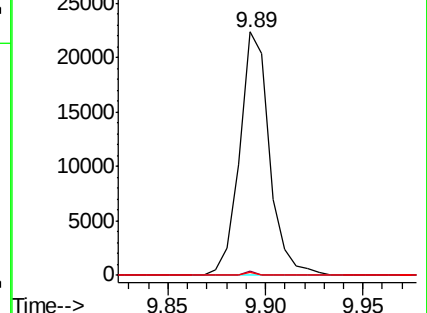
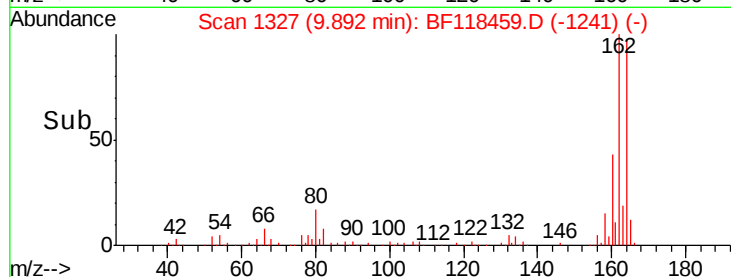
89 1.4 44.4 66.6#



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: 5.750 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.21 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Tgt Ion:165 Resp: 23646

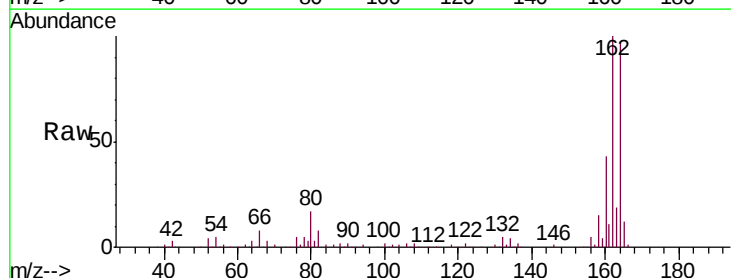
Ion Ratio Lower Upper

165 100

63 1.7 32.0 48.0#

89 1.4 49.3 73.9#

182 0.0 2.4 3.6#

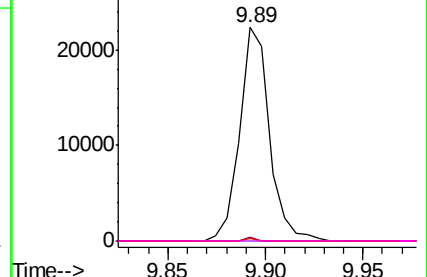
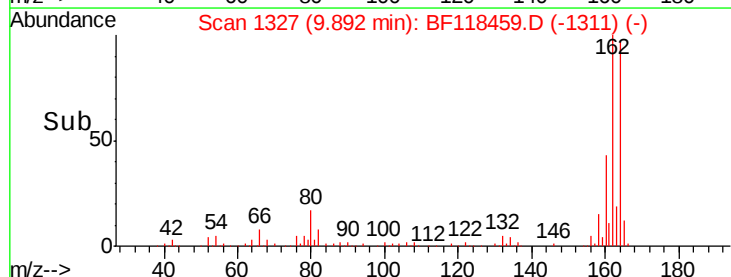


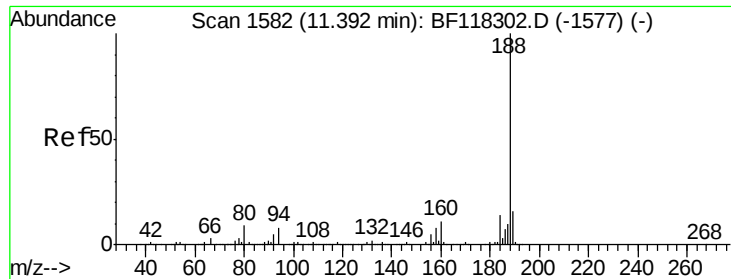
Abundance Ion 165.00 (164.70 to 165.70): E

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

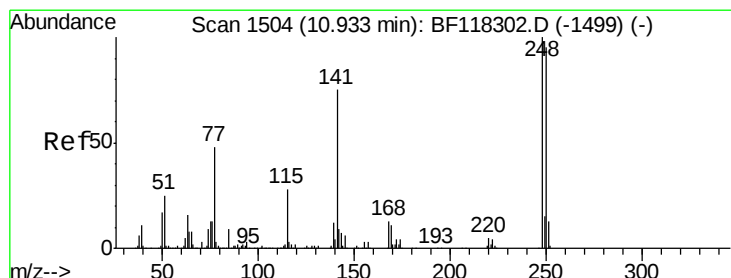
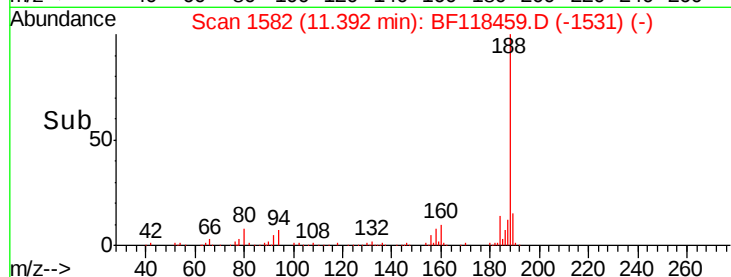
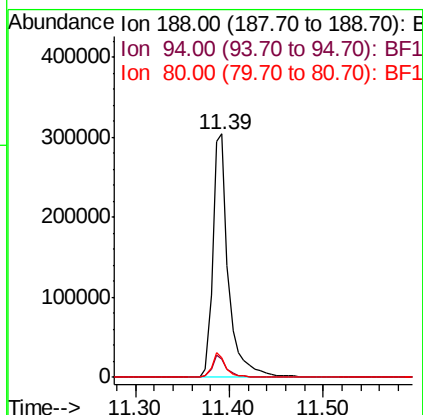
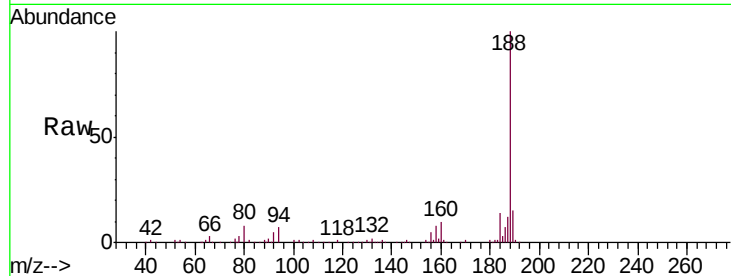




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BF118459.D
 Acq: 3 Jan 2020 14:10

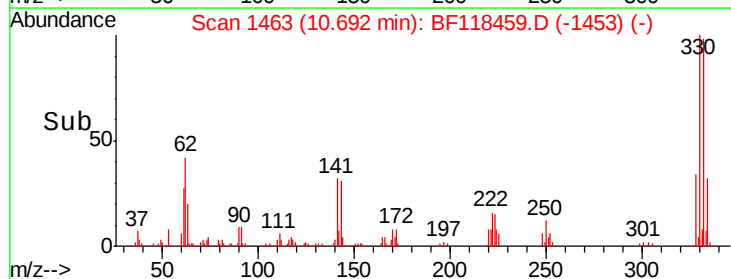
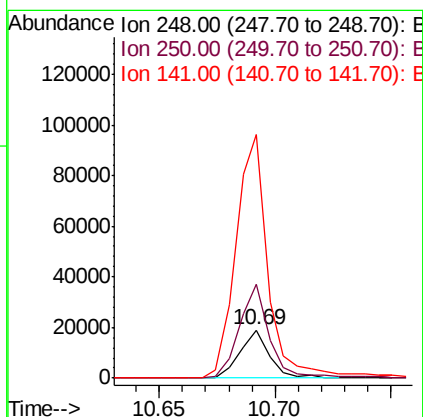
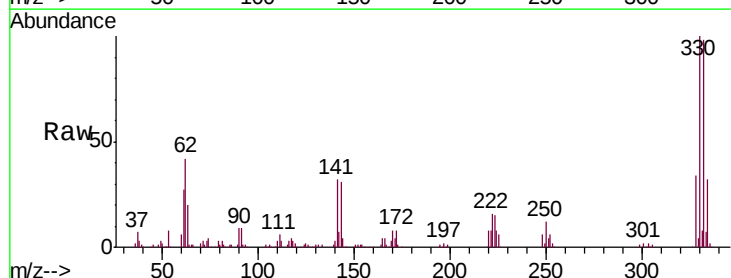
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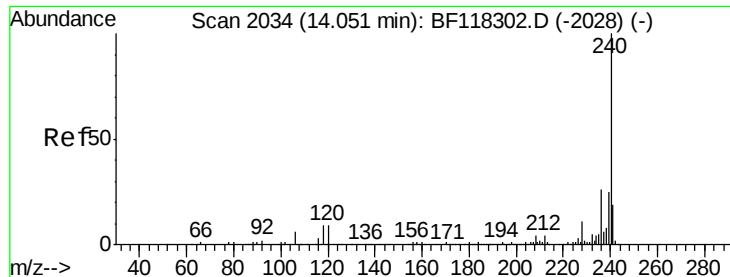
Tgt Ion:188 Resp: 360140
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.0 7.2 10.8



#67
 4-Bromophenyl-phenylether
 Concen: 4.039 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF118459.D
 Acq: 3 Jan 2020 14:10

Tgt Ion:248 Resp: 17025
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.4 114.6#
 141 508.1 60.2 90.2#

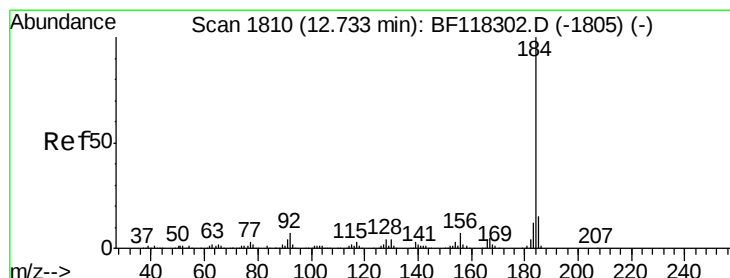
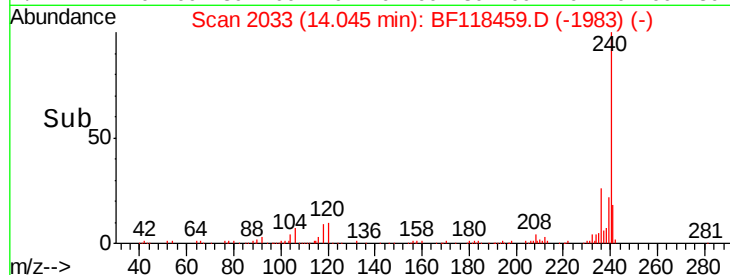
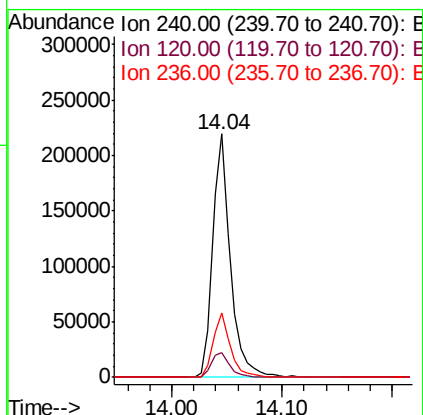
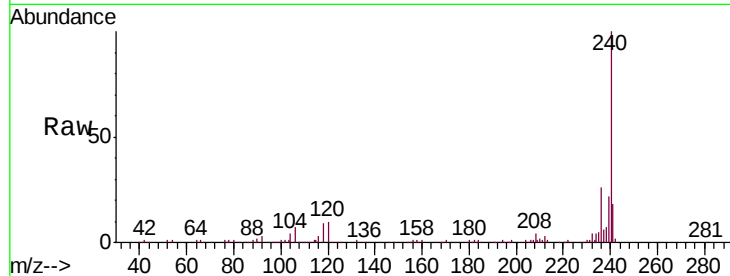




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

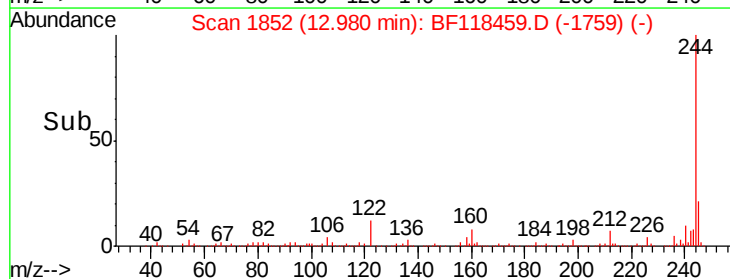
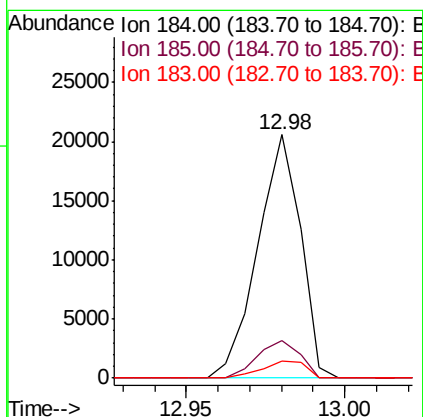
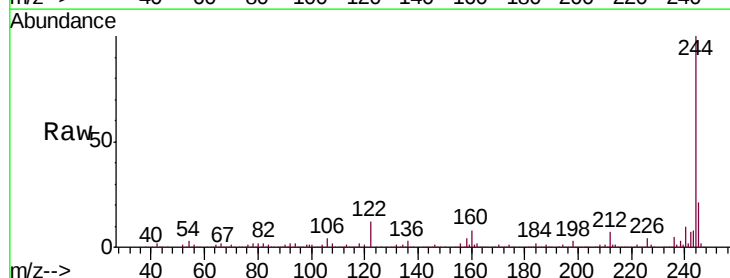
Instrument :
BNA_F
ClientSampleId :
PB125821TB

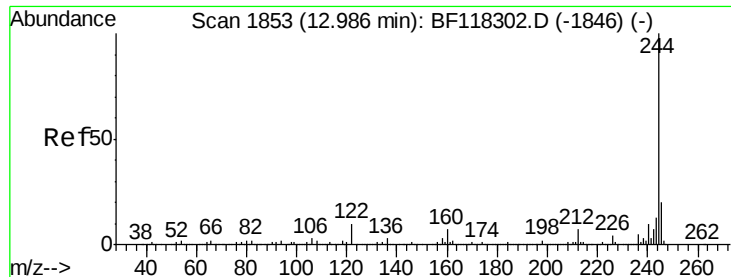
Tgt Ion:240 Resp: 240211
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 26.5 21.0 31.6



#77
Benzidine
Concen: 2.938 ng
RT: 12.98 min Scan# 1852
Delta R.T. 0.25 min
Lab File: BF118459.D
Acq: 3 Jan 2020 14:10

Tgt Ion:184 Resp: 19335
Ion Ratio Lower Upper
184 100
185 15.3 12.3 18.5
183 6.8 9.4 14.2#





#79

Terphenyl-d14

Concen: 89.767 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

Instrument :

BNA_F

ClientSampleId :

PB125821TB

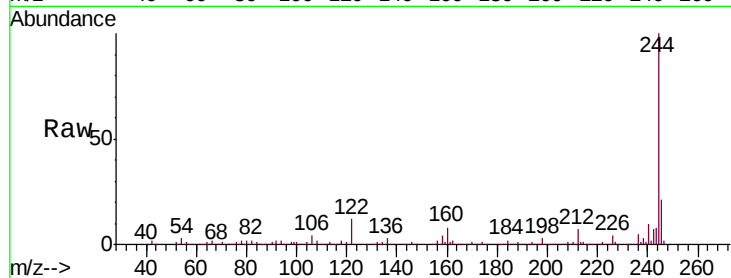
Tgt Ion:244 Resp: 1299734

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

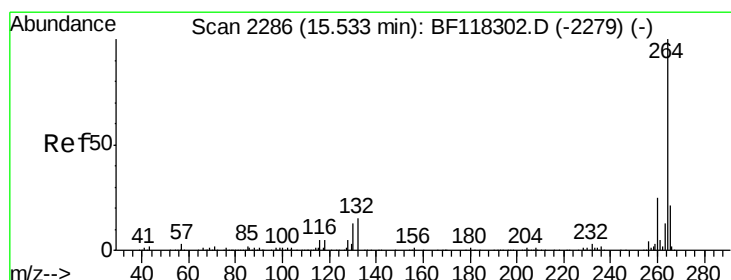
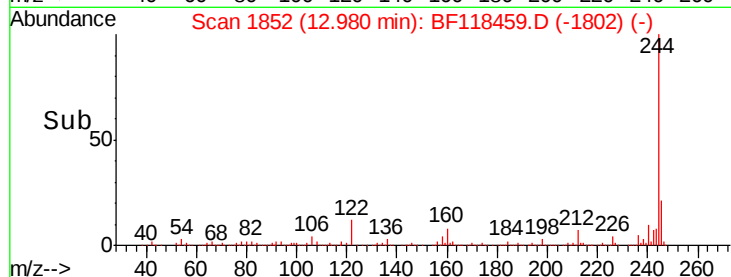
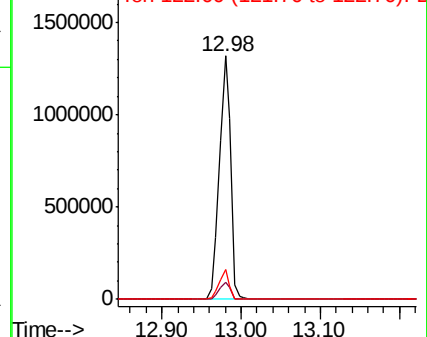
122 12.1 7.8 11.8#



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: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.00 min

Lab File: BF118459.D

Acq: 3 Jan 2020 14:10

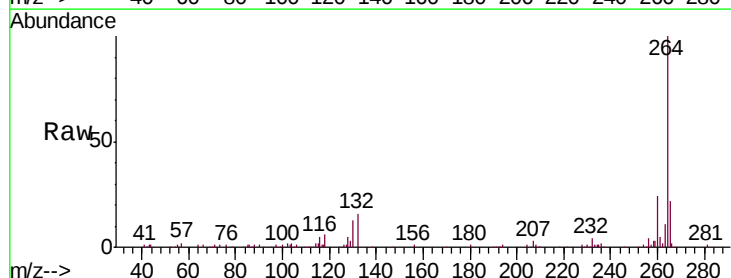
Tgt Ion:264 Resp: 188827

Ion Ratio Lower Upper

264 100

260 23.8 19.8 29.6

265 22.0 17.0 25.4



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

