

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121575.D
 Acq On : 15 Sep 2020 13:56
 Operator : JU/CG
 Sample : L3943-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 357

Quant Time: Sep 15 14:47:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

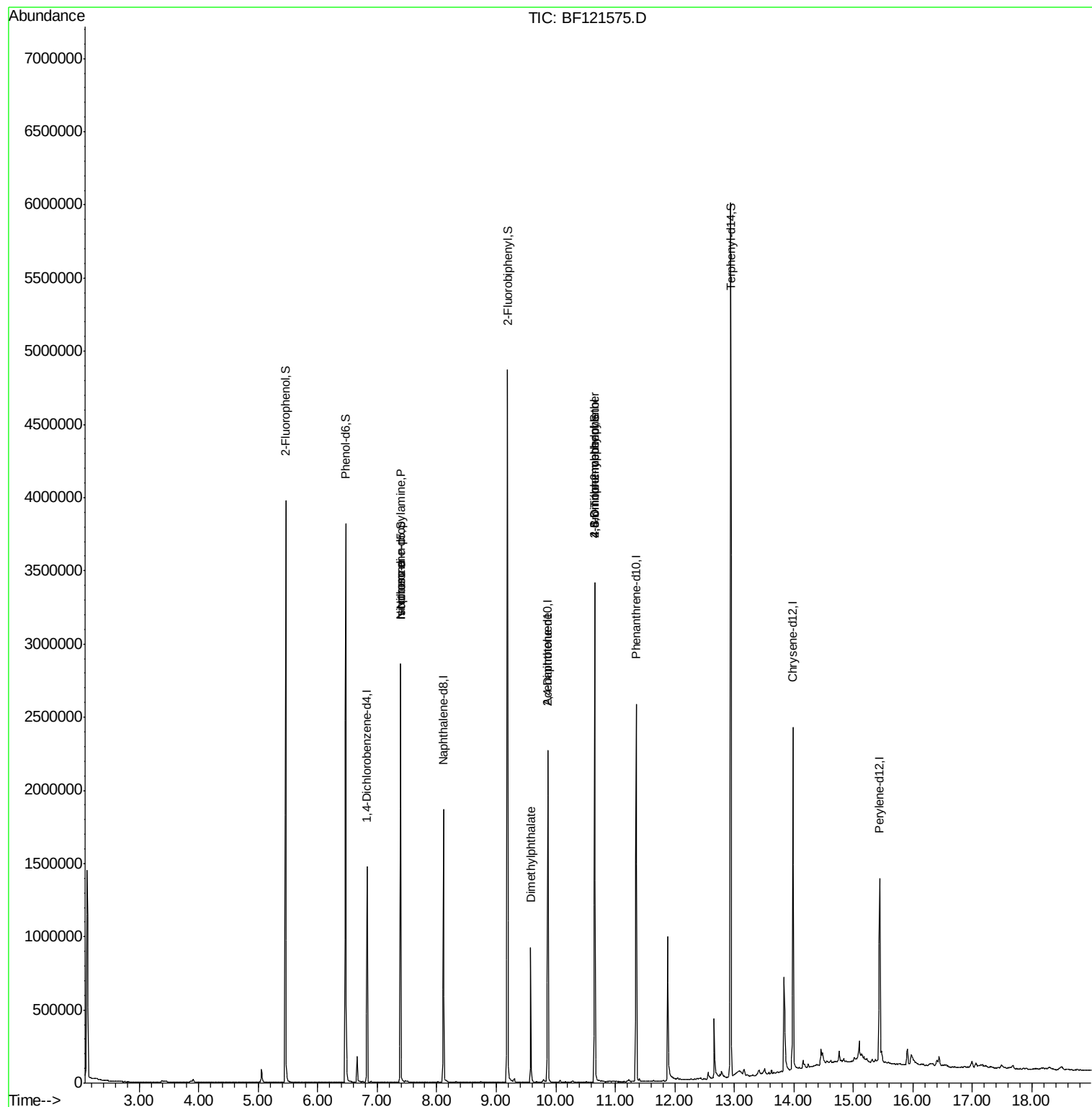
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	224797	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	867965	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	463168	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	885926	20.00	ng	0.00
76) Chrysene-d12	13.99	240	755172	20.00	ng	0.00
86) Perylene-d12	15.44	264	584701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1099201	72.67	ng	0.02
7) Phenol-d6	6.47	99	1415672	71.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	970444	60.03	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	454332	78.92	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1702132	55.66	ng	0.00
79) Terphenyl-d14	12.94	244	1976639	53.03	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	131045	11.458	ng	# 78
25) Isophorone	7.39	82	960450	29.514	ng	# 66
50) Dimethylphthalate	9.58	163	337681	10.059	ng	100
57) 2,4-Dinitrotoluene	9.87	165	59664	6.634	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.66	198	928	6.998	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	27317	2.708	ng	# 1

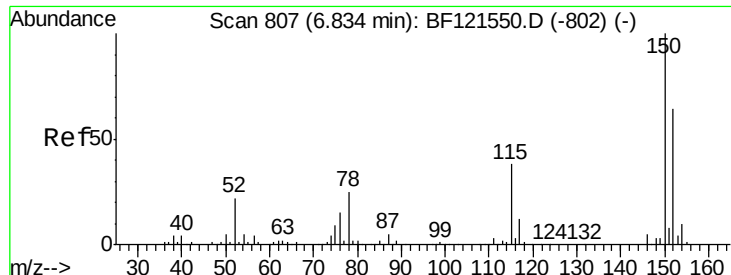
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration



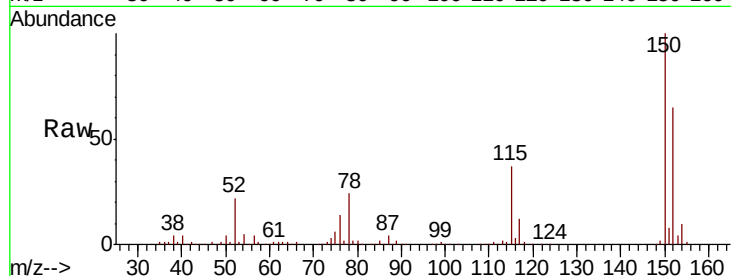


#1

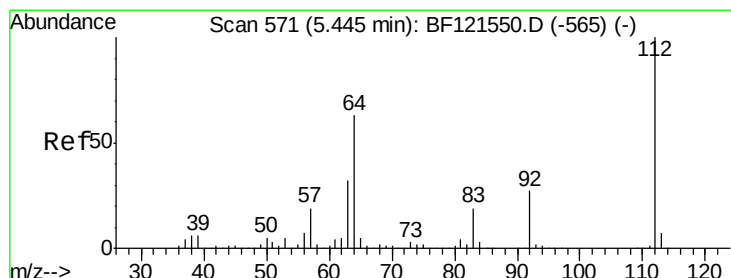
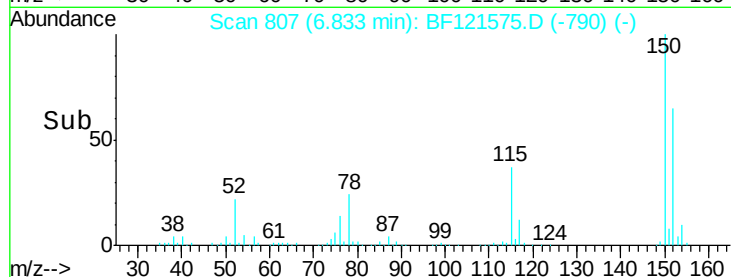
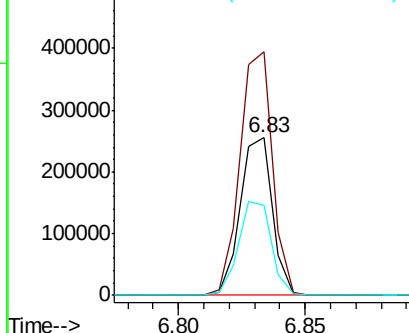
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Instrument :
BNA_F
ClientSampled :
357

Tot Ion:152 Resp: 224797
Ion Ratio Lower Upper
152 100
150 154.3 125.8 188.6
115 57.4 47.8 71.8



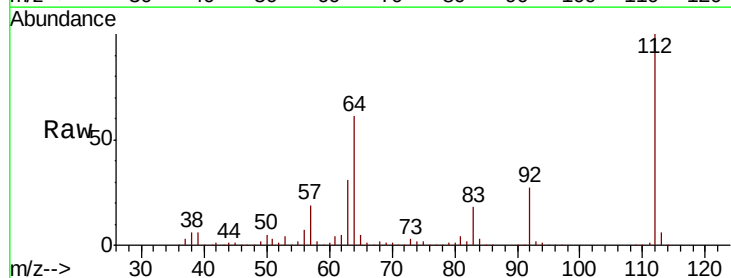
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



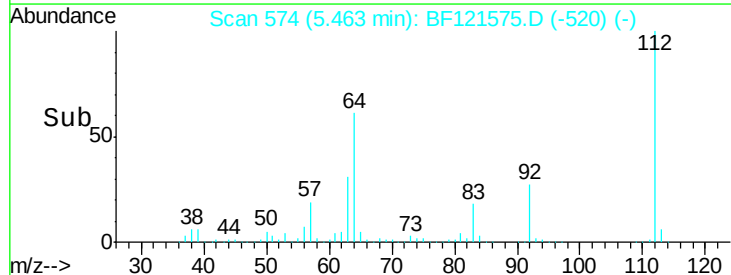
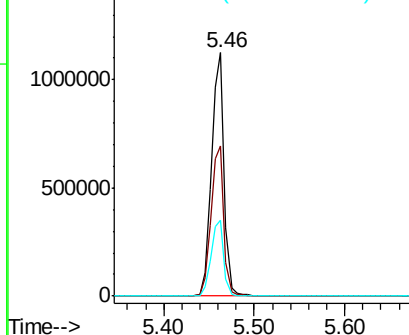
#5

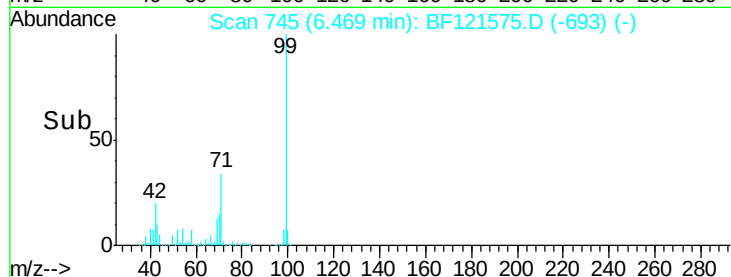
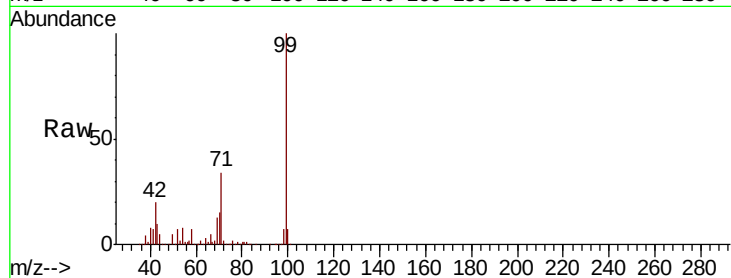
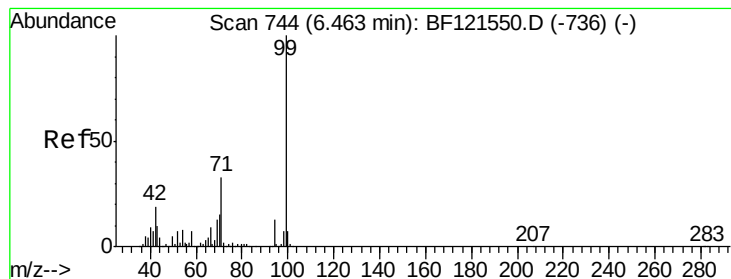
2-Fluorophenol
Concen: 72.668 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Tgt Ion:112 Resp: 1099201
Ion Ratio Lower Upper
112 100
64 61.5 50.3 75.5
63 31.0 25.6 38.4



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: 71.337 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

Instrument :

BNA_F

ClientSampleId :

357

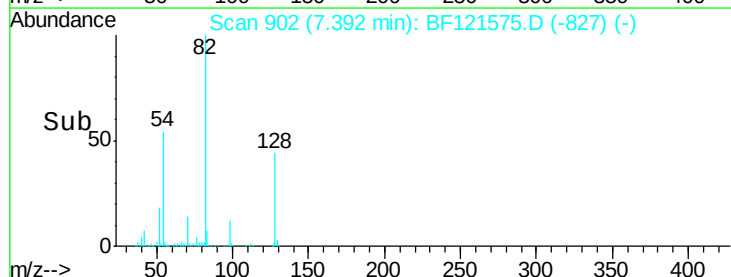
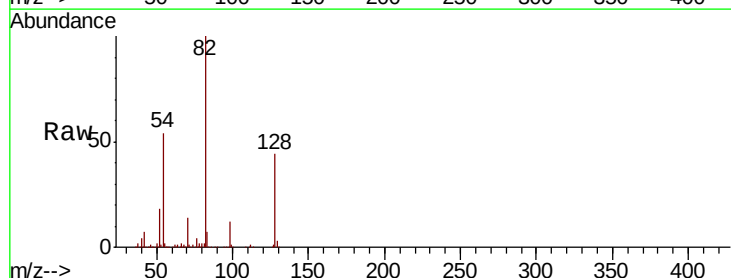
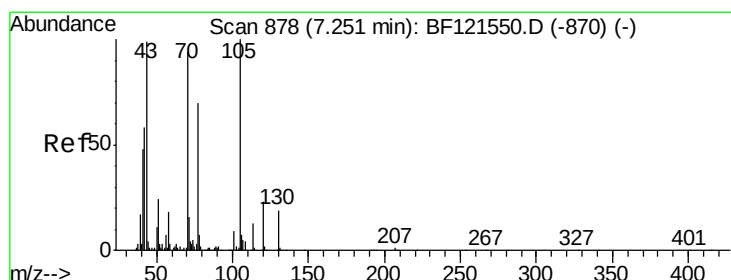
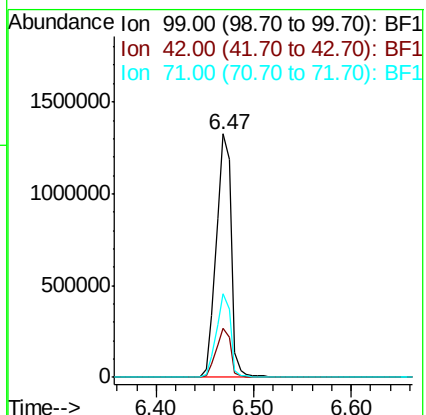
Tot Ion: 99 Resp: 1415672

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

71 34.4 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.458 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

Tgt Ion: 70 Resp: 131045

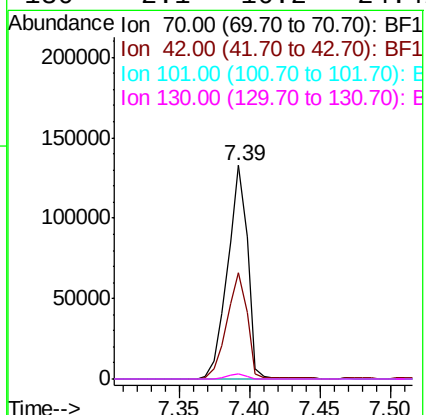
Ion Ratio Lower Upper

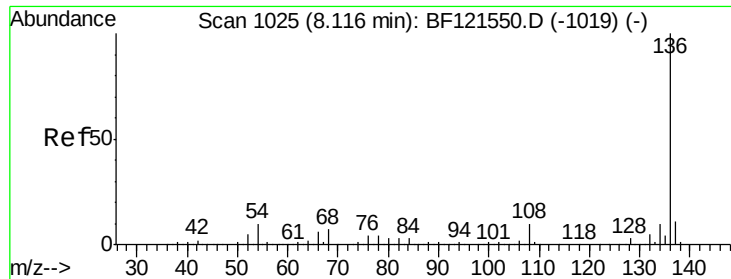
70 100

42 49.5 49.4 74.2

101 0.0 7.6 11.4#

130 2.1 16.2 24.4#

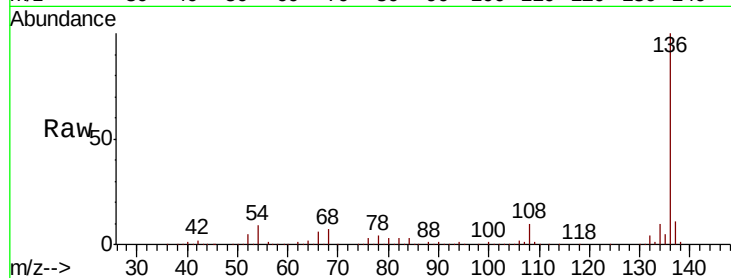




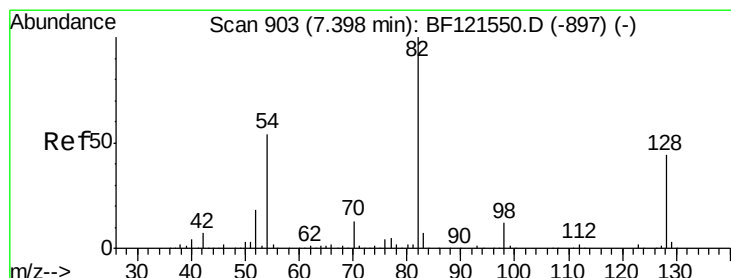
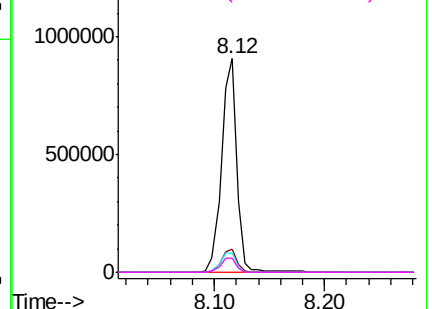
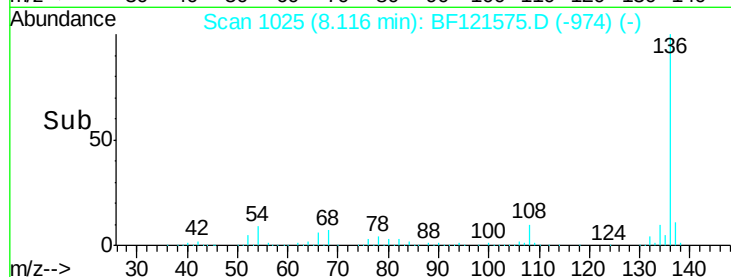
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Instrument :
BNA_F
ClientSampled :
357

Tot Ion:136	Resp:	867965
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.0 13.6
54	8.9	7.6 11.4
68	6.9	5.7 8.5

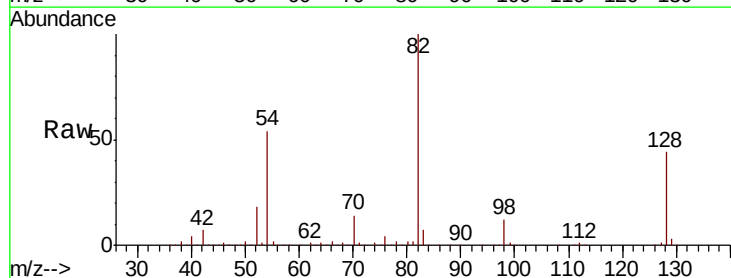


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

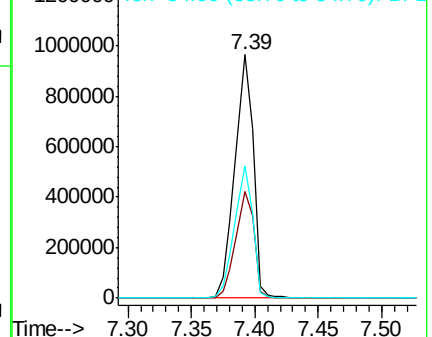
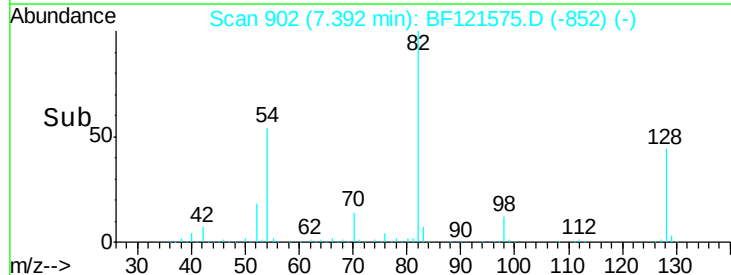


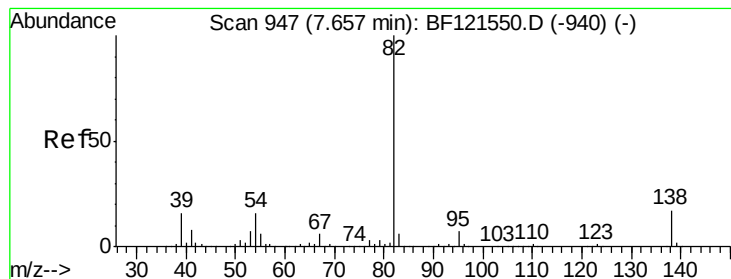
#23
Nitrobenzene-d5
Concen: 60.031 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Tgt Ion: 82	Resp:	970444
Ion	Ratio	Lower Upper
82	100	
128	44.0	35.1 52.7
54	54.2	43.0 64.6



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: 29.514 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

Instrument :

BNA_F

ClientSampleId :

357

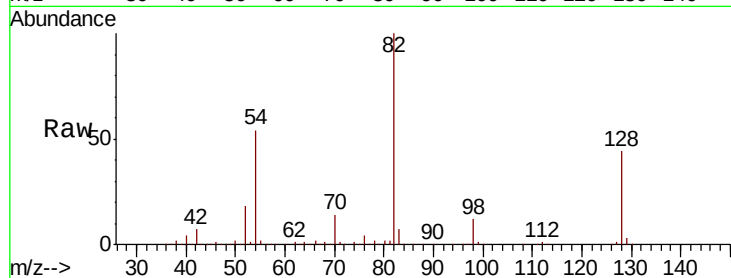
Tot Ion: 82 Resp: 960450

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

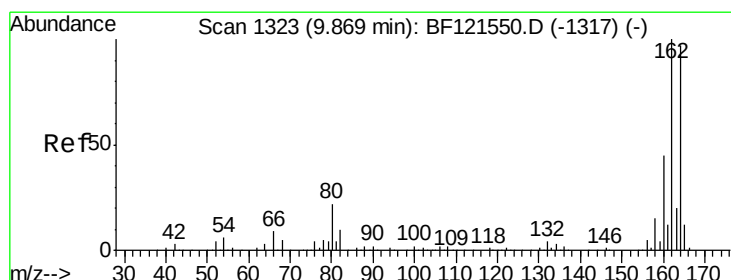
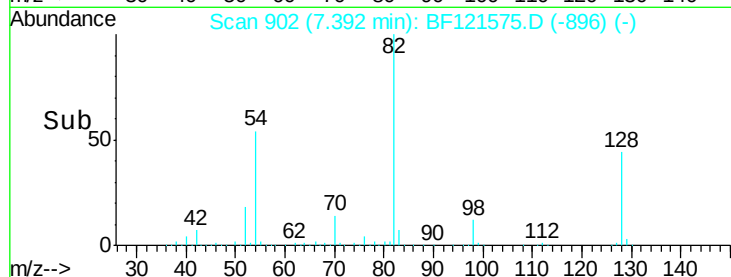
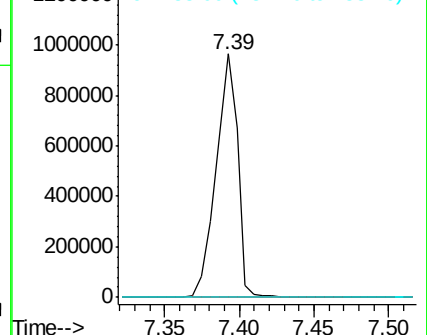
138 0.0 13.7 20.5#



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: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

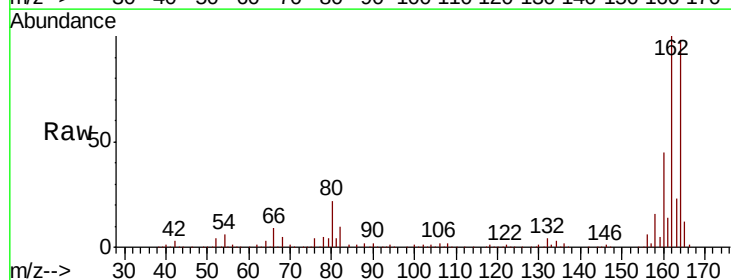
Tgt Ion: 164 Resp: 463168

Ion Ratio Lower Upper

164 100

162 102.2 82.3 123.5

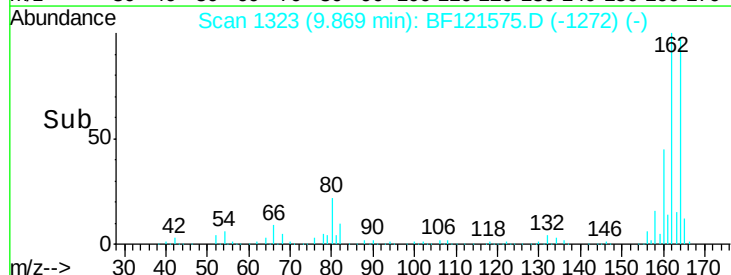
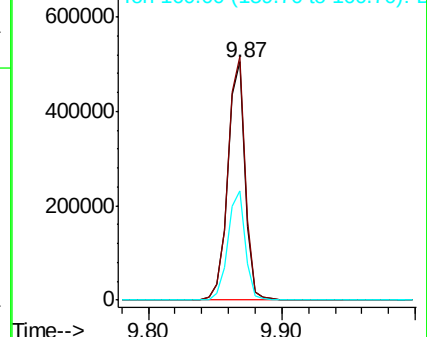
160 45.7 37.0 55.4

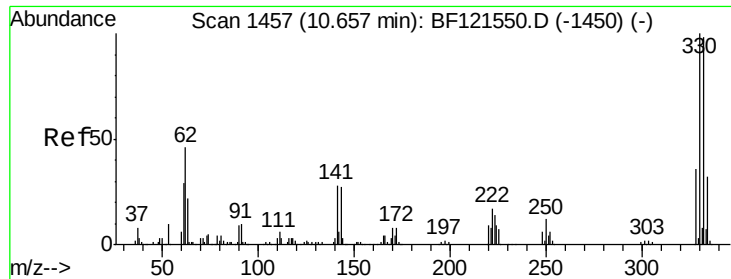


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

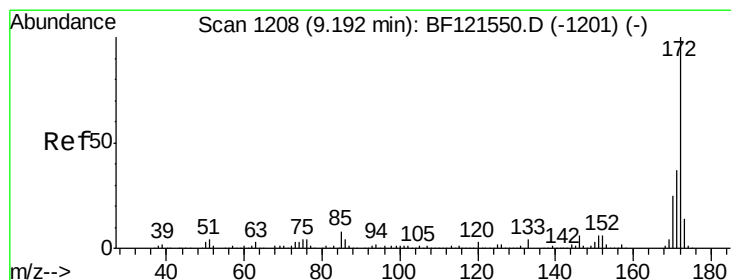
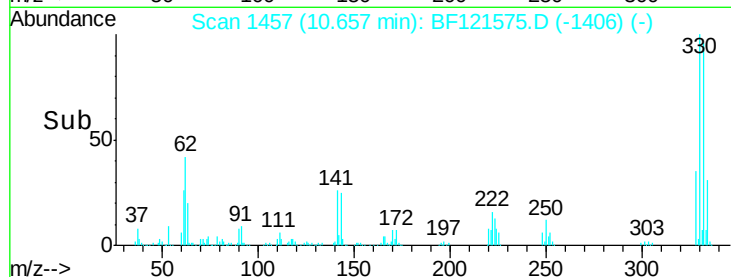
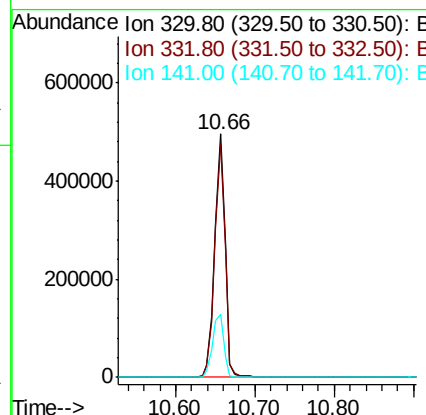
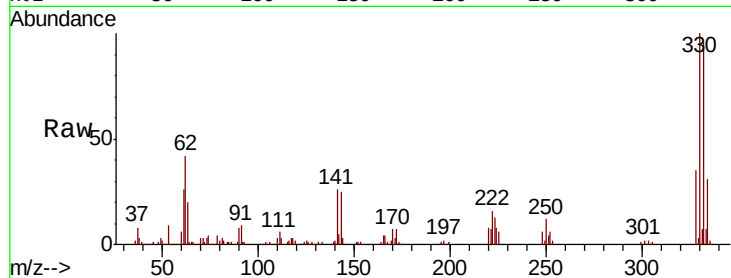




#42
 2,4,6-Tribromophenol
 Concen: 78.924 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BF121575.D
 Acq: 15 Sep 2020 13:56

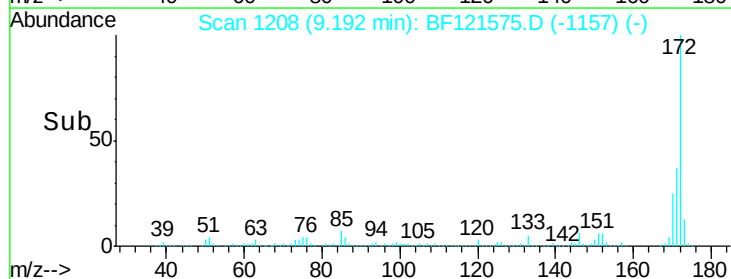
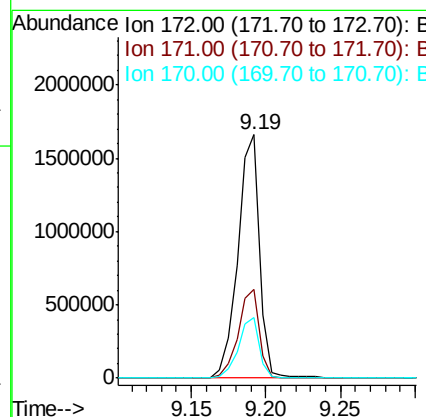
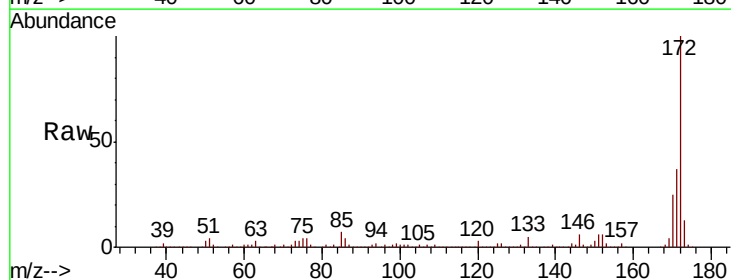
Instrument :
 BNA_F
 ClientSampleId :
 357

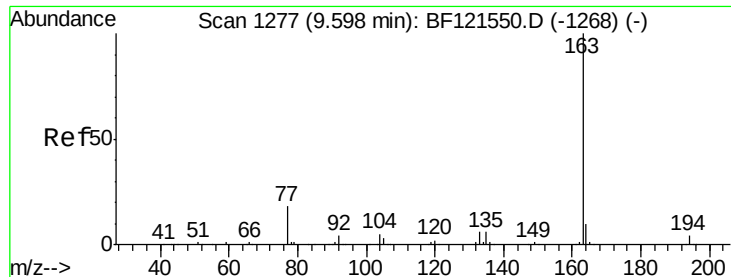
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.1	115.7
141	28.6	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 55.659 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF121575.D
 Acq: 15 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.7	19.8	29.8

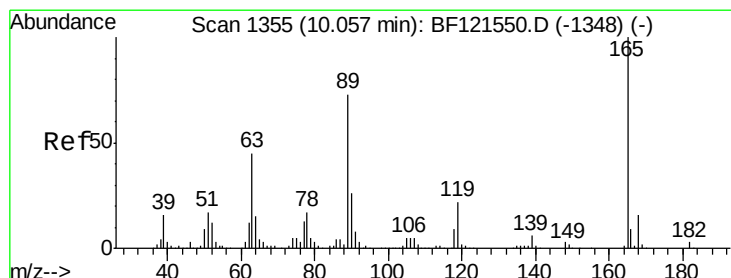
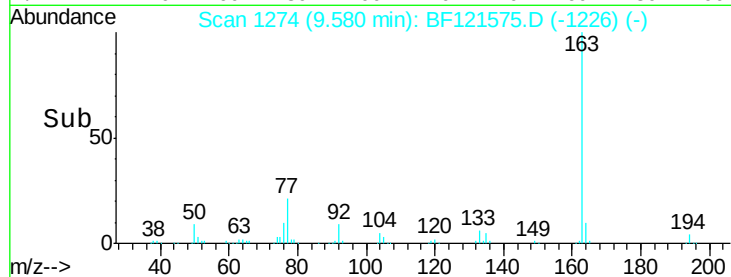
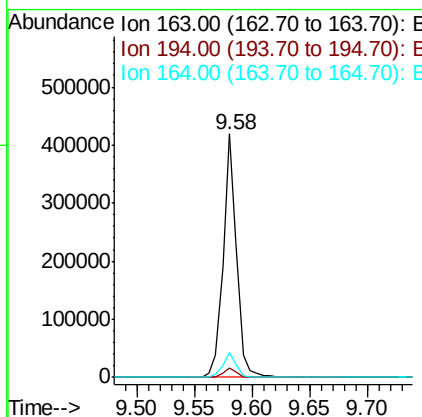
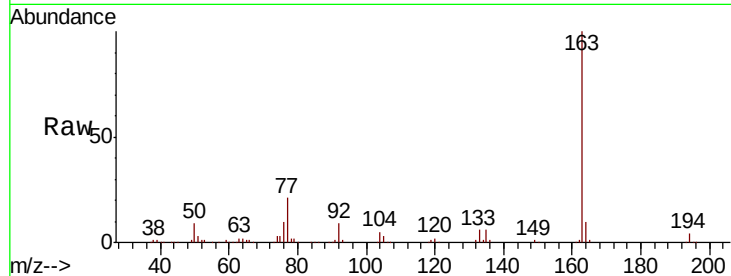




#50
Dimethylphthalate
Concen: 10.059 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

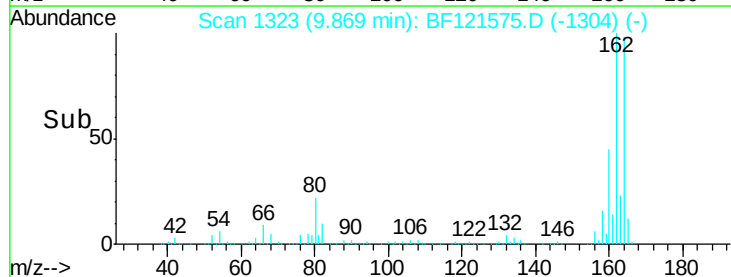
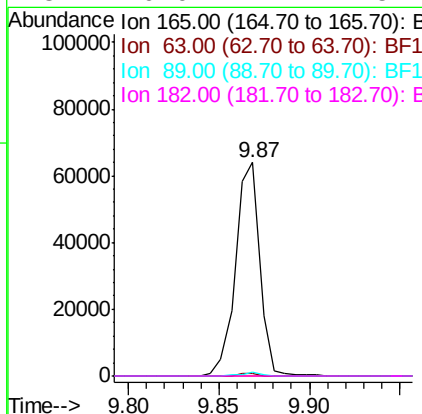
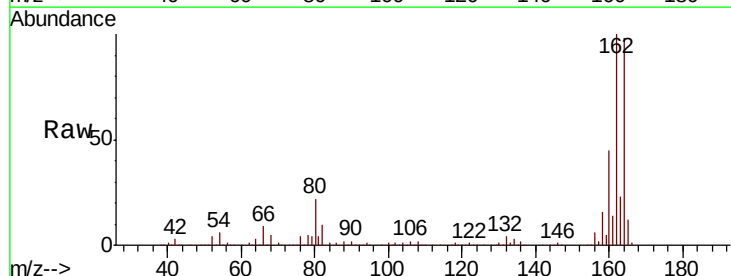
Instrument :
BNA_F
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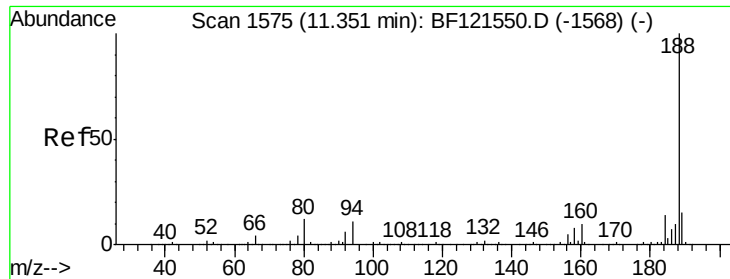
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	9.9	7.9	11.9



#57
2,4-Dinitrotoluene
Concen: 6.634 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.19 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.2	54.4#
89	1.8	58.2	87.4#
182	0.0	2.2	3.2#

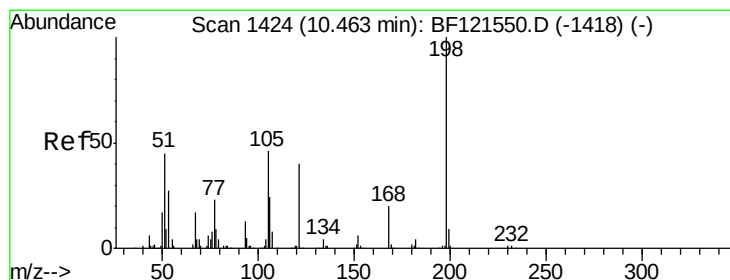
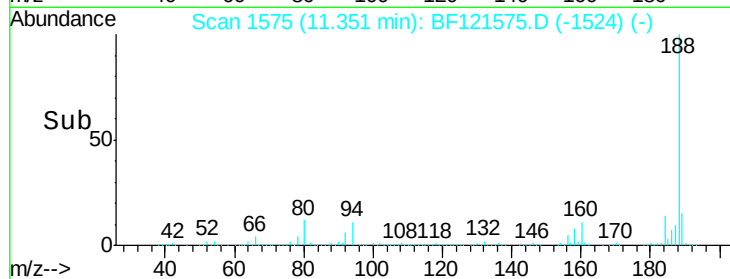
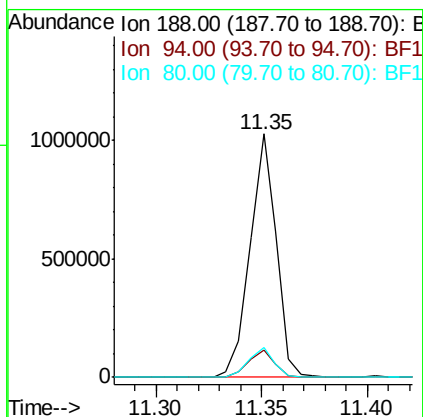
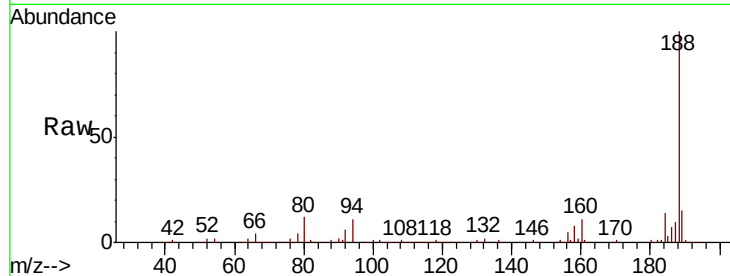




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

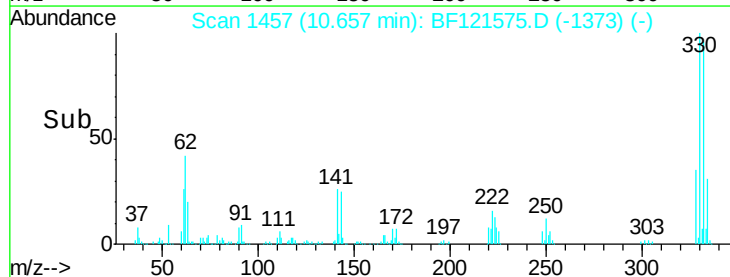
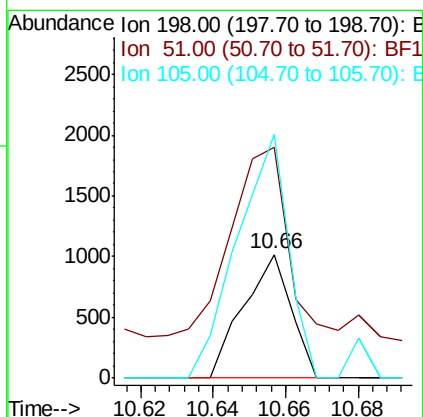
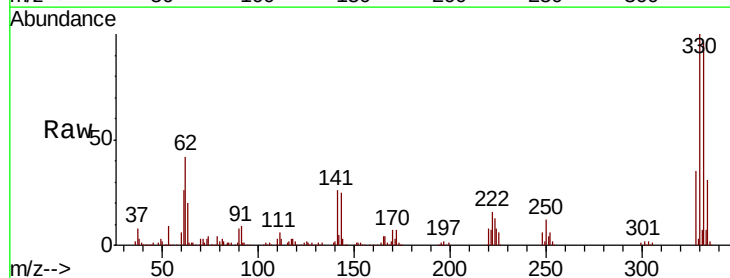
Instrument :
BNA_F
ClientSampleId :
357

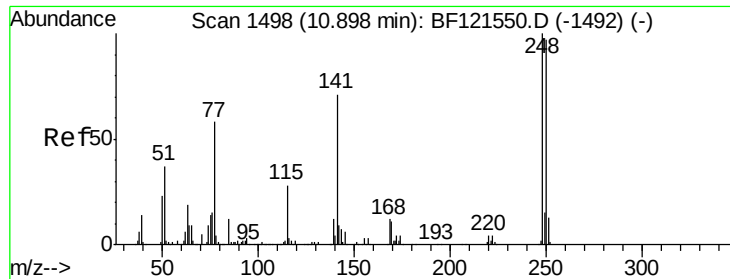
Tot Ion:188 Resp: 885926
Ion Ratio Lower Upper
188 100
94 11.2 8.7 13.1
80 12.1 9.3 13.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.998 ng
RT: 10.66 min Scan# 1457
Delta R.T. 0.19 min
Lab File: BF121575.D
Acq: 15 Sep 2020 13:56

Tgt Ion:198 Resp: 928
Ion Ratio Lower Upper
198 100
51 187.1 31.1 71.1#
105 196.9 26.6 66.6#

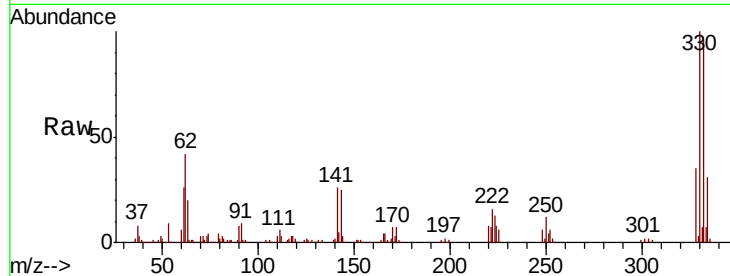




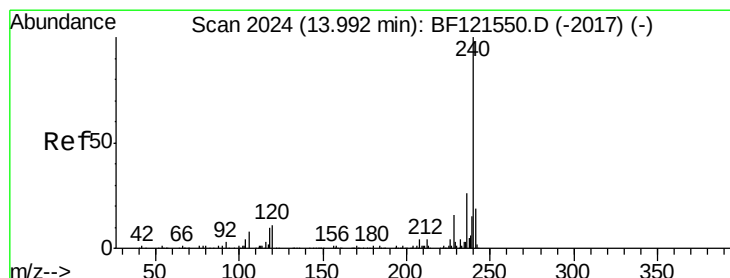
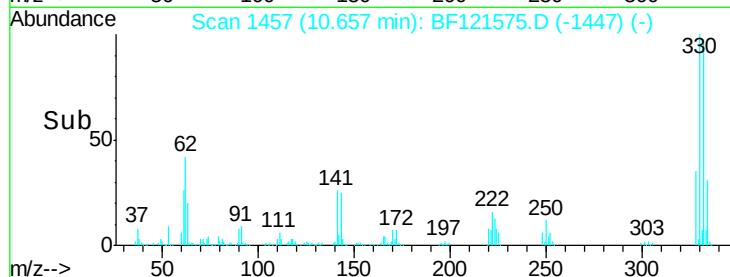
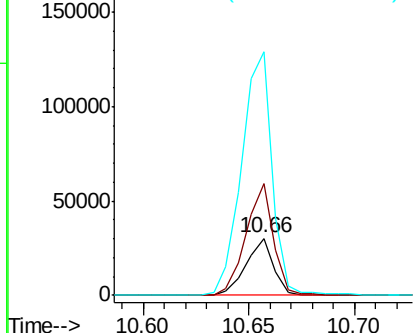
#67
 4-Bromophenyl-phenylether
 Concen: 2.708 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121575.D
 Acq: 15 Sep 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 357

Tot Ion:248 Resp: 27317
 Ion Ratio Lower Upper
 248 100
 250 195.6 77.4 116.0#
 141 425.6 56.7 85.1#

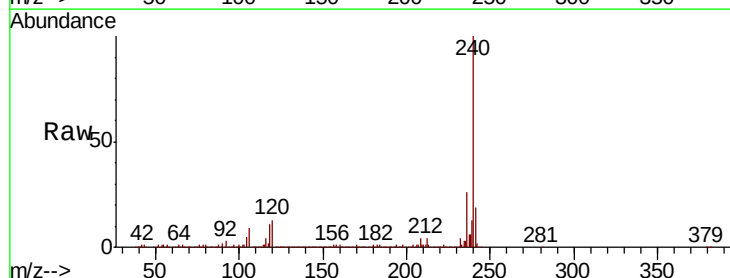


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

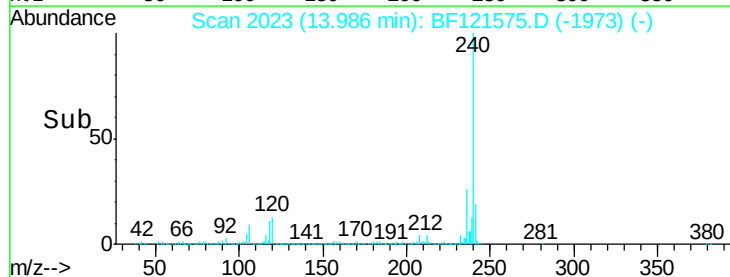
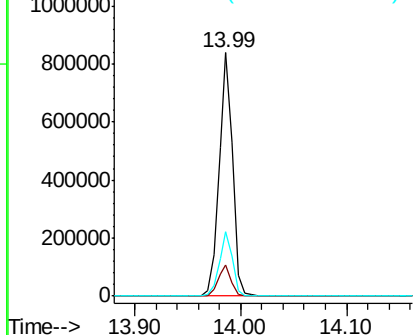


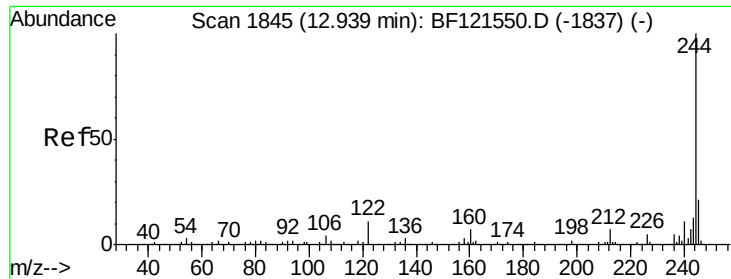
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121575.D
 Acq: 15 Sep 2020 13:56

Tgt Ion:240 Resp: 755172
 Ion Ratio Lower Upper
 240 100
 120 12.9 9.2 13.8
 236 26.2 20.5 30.7



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: 53.027 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

Instrument :

BNA_F

ClientSampleId :

357

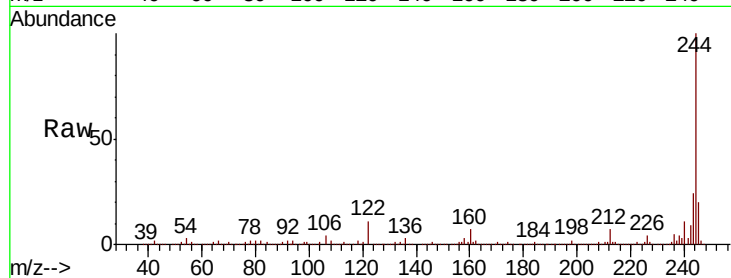
Tot Ion:244 Resp: 1976639

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

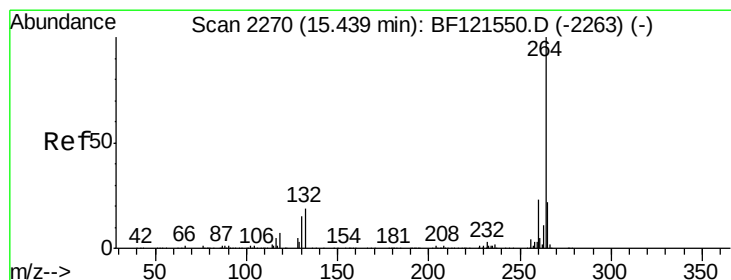
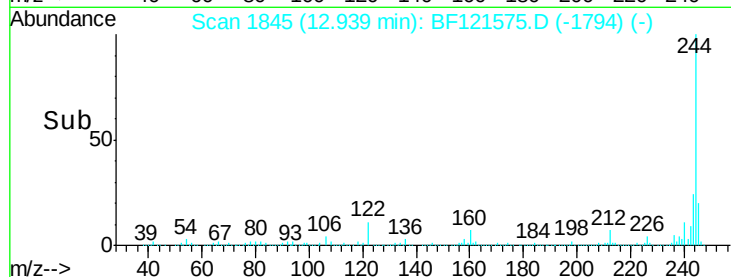
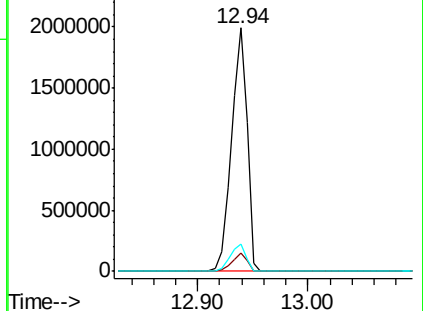
122 11.0 8.7 13.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF121575.D

Acq: 15 Sep 2020 13:56

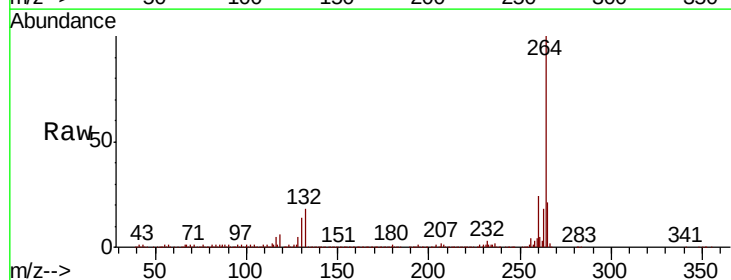
Tgt Ion:264 Resp: 584701

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.1 17.8 26.6



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

