

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121681.D
 Acq On : 24 Sep 2020 14:47
 Operator : JU/CG
 Sample : L4125-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 CS-36

Quant Time: Sep 24 15:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

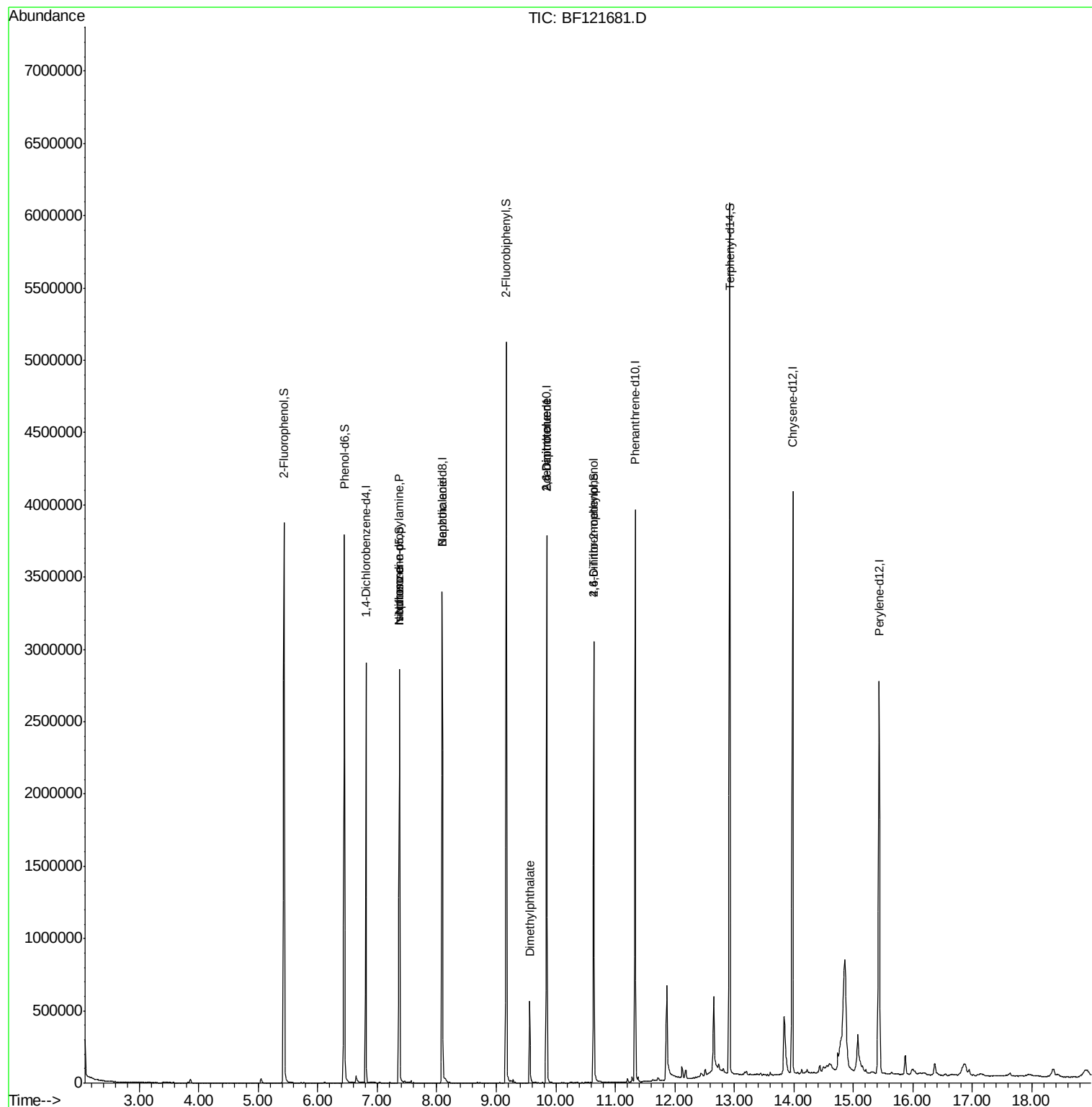
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	399559	40.00	ng	0.00
21) Naphthalene-d8	8.09	136	1588865	40.00	ng	0.00
39) Acenaphthene-d10	9.85	164	853875	40.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1680816	40.00	ng	0.00
76) Chrysene-d12	13.98	240	1626806	40.00	ng	0.00
86) Perylene-d12	15.43	264	1405251	40.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1144775	85.16	ng	0.00
7) Phenol-d6	6.45	99	1463076	82.96	ng	0.00
23) Nitrobenzene-d5	7.37	82	1043608	70.53	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	454343	85.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1810598	64.23	ng	0.00
79) Terphenyl-d14	12.93	244	2253059	56.12	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	140488	13.822	ng	# 80
25) Isophorone	7.37	82	1030698	34.605	ng	# 67
32) Benzoic acid	8.09	122	290	13.896	ng	# 1
50) Dimethylphthalate	9.56	163	235095	7.597	ng	99
51) 2,6-Dinitrotoluene	9.85	165	110288	16.736	ng	# 24
57) 2,4-Dinitrotoluene	9.85	165	110288	13.303	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.64	198	767	13.832	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	25774	2.694	ng	# 1

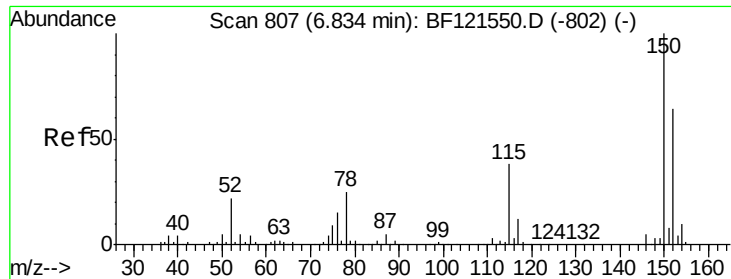
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
Data File : BF121681.D
Acq On : 24 Sep 2020 14:47
Operator : JU/CG
Sample : L4125-18
Misc :
ALS Vial : 5 Sample Multiplier: 2

Instrument :
BNA_F
ClientSampleId :
CS-36

Quant Time: Sep 24 15:18:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration



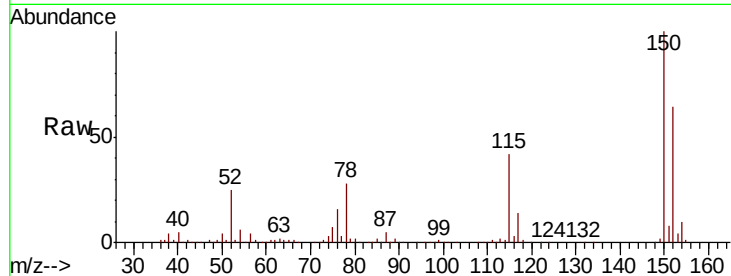


#1

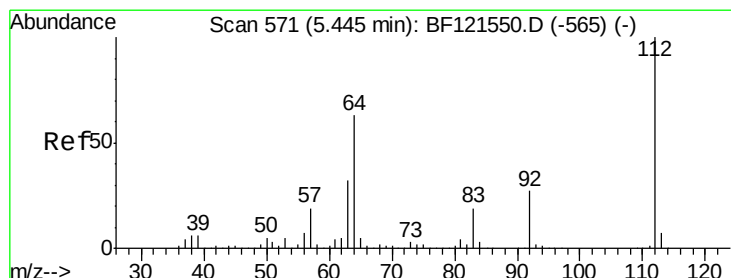
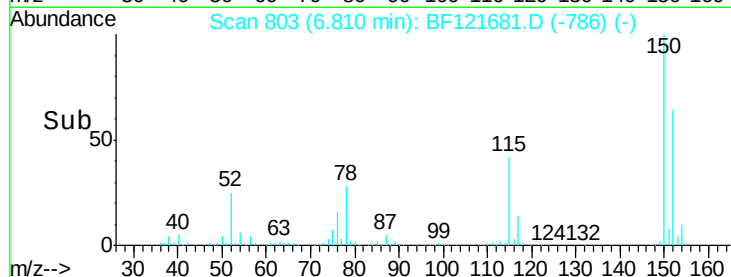
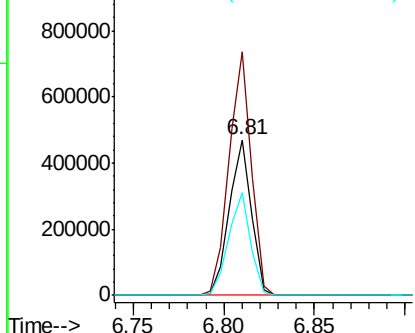
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Instrument :
BNA_F
ClientSampled :
CS-36

Tot Ion:152 Resp: 399559
Ion Ratio Lower Upper
152 100
150 156.8 128.1 192.1
115 66.1 52.6 79.0



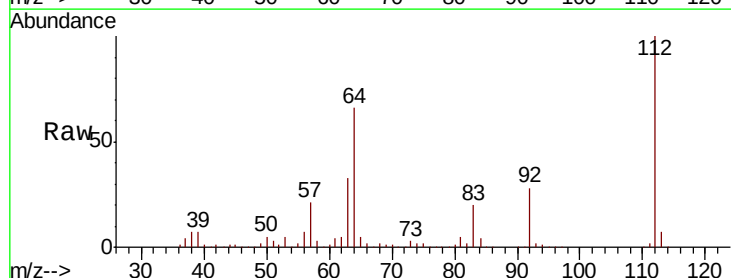
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



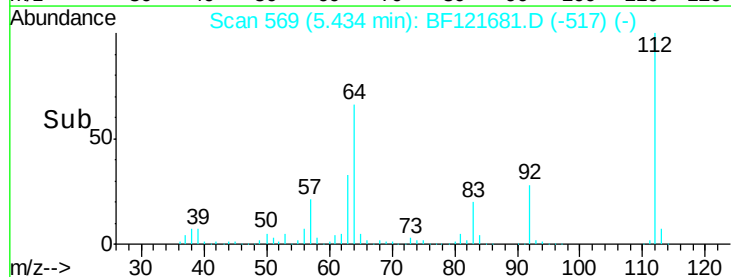
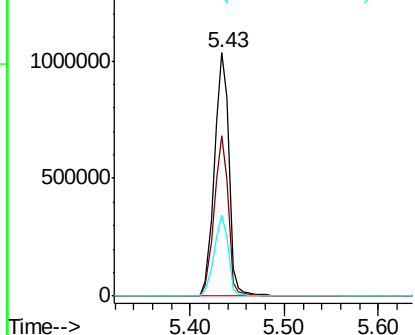
#5

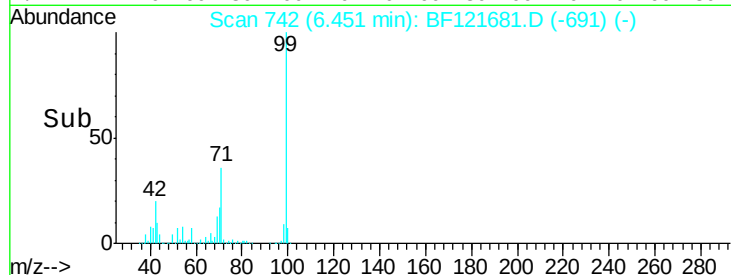
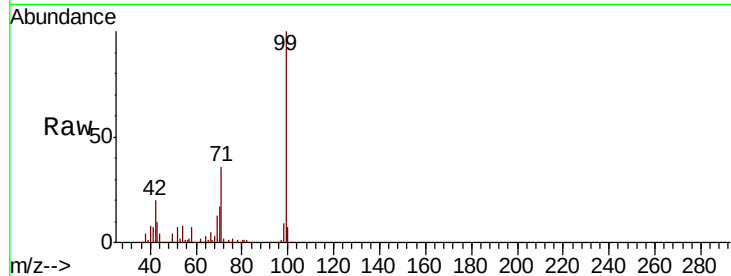
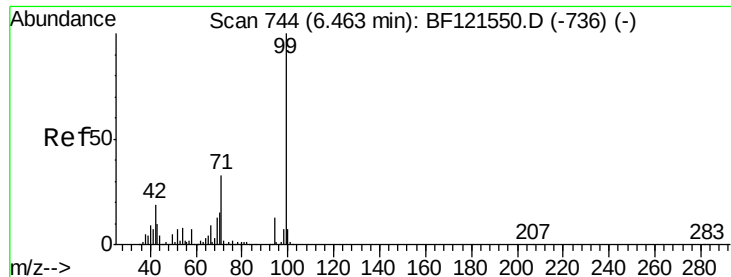
2-Fluorophenol
Concen: 85.158 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Tgt Ion:112 Resp: 1144775
Ion Ratio Lower Upper
112 100
64 65.8 52.2 78.2
63 33.5 26.6 39.8



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: 82.958 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

CS-36

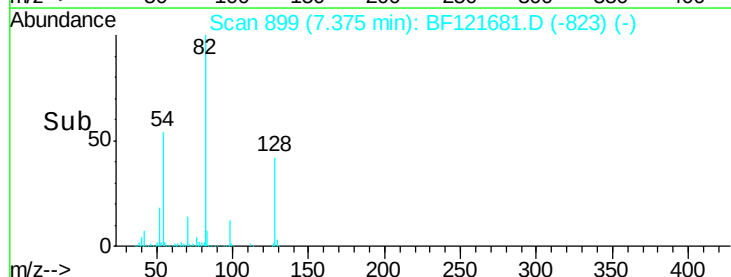
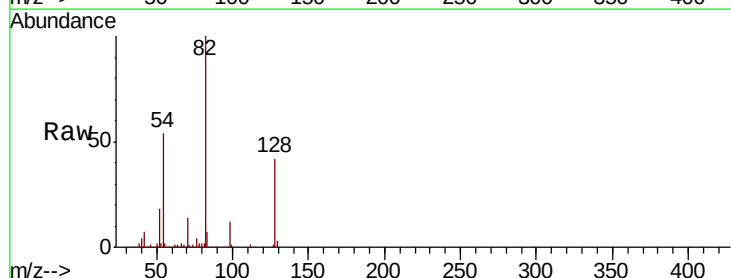
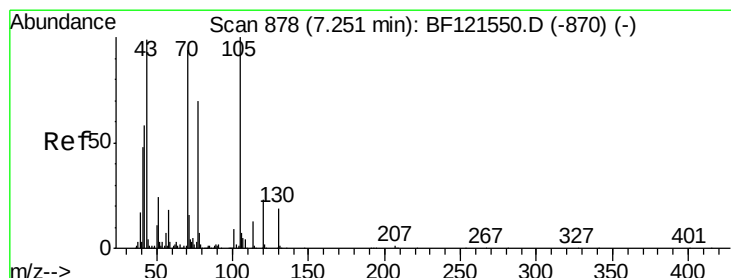
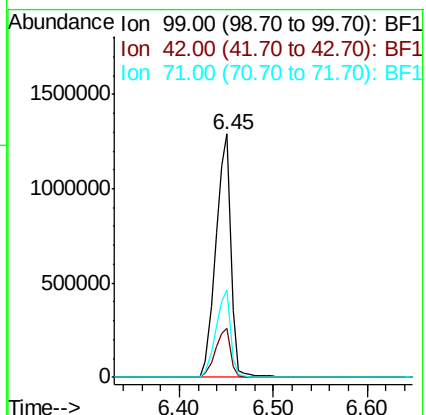
Tot Ion: 99 Resp: 1463076

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 35.7 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.822 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Tgt Ion: 70 Resp: 140488

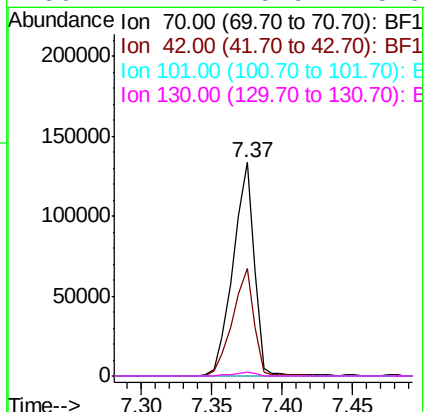
Ion Ratio Lower Upper

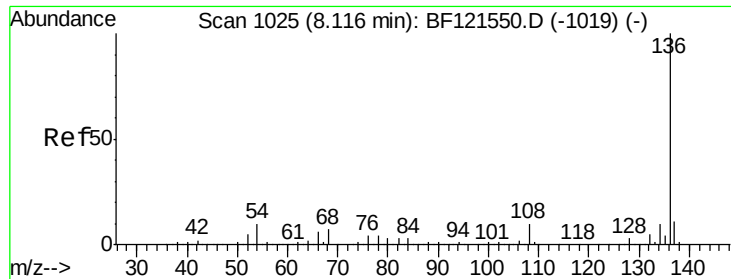
70 100

42 50.4 48.3 72.5

101 0.0 7.6 11.4#

130 2.1 15.9 23.9#

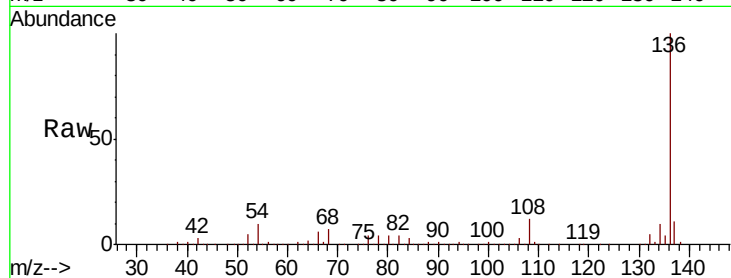




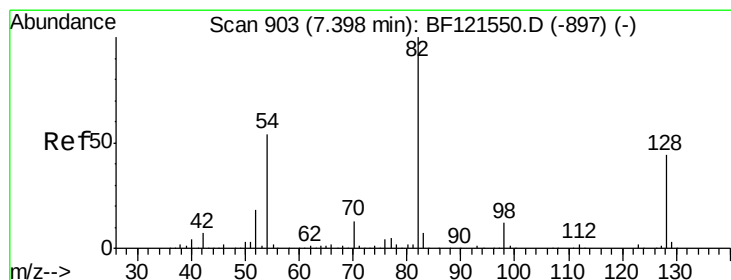
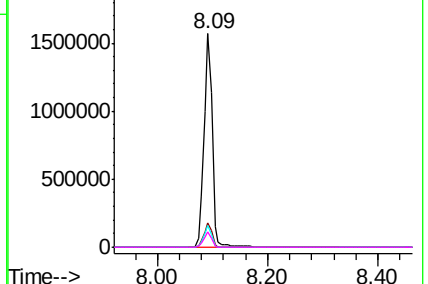
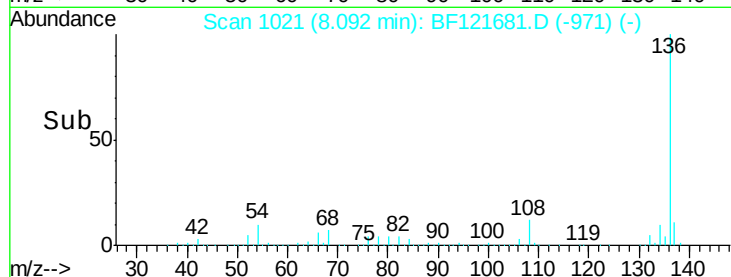
#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Instrument :
BNA_F
ClientSampled :
CS-36

Tot Ion:136 Resp: 1588865
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.0 7.4 11.0
68 7.2 5.3 7.9

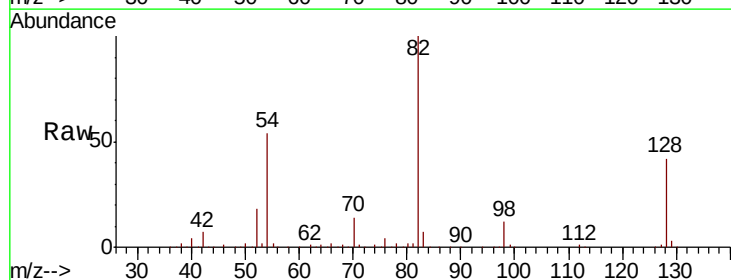


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

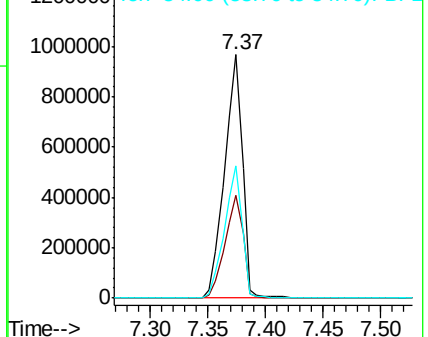
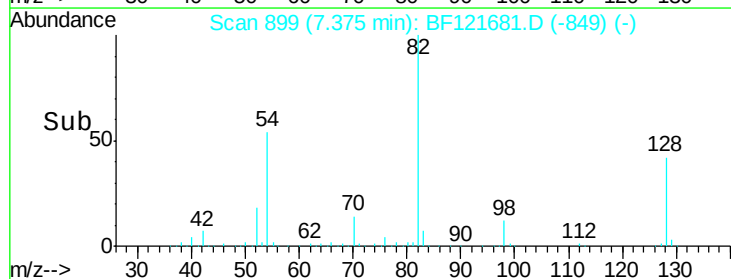


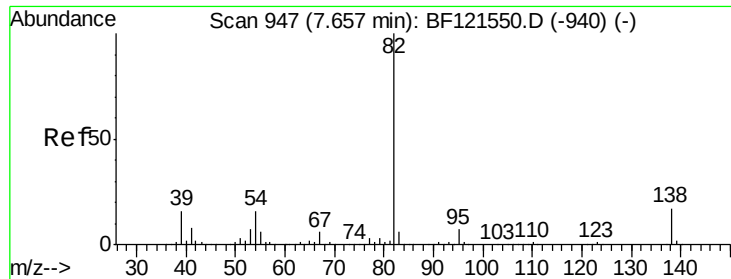
#23
Nitrobenzene-d5
Concen: 70.532 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Tgt Ion: 82 Resp: 1043608
Ion Ratio Lower Upper
82 100
128 42.3 33.9 50.9
54 54.1 42.9 64.3



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: 34.605 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

CS-36

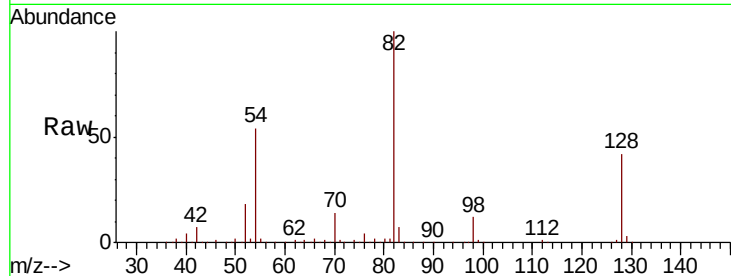
Tot Ion: 82 Resp: 1030698

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

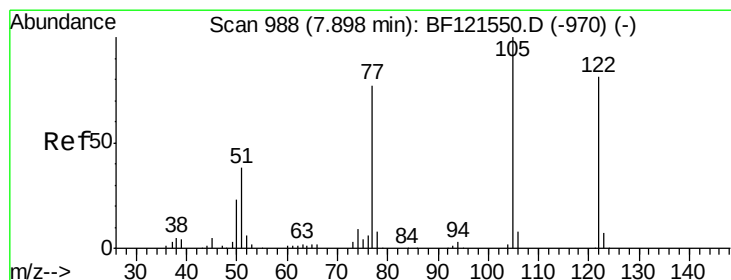
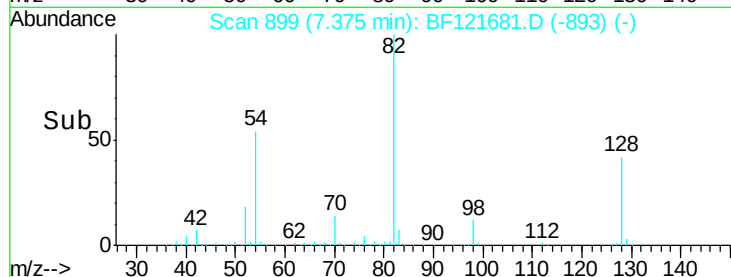
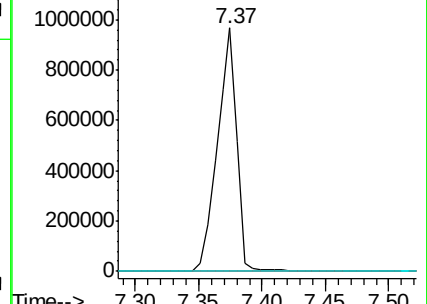
138 0.0 13.2 19.8#



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



#32

Benzoic acid

Concen: 13.896 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.21 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

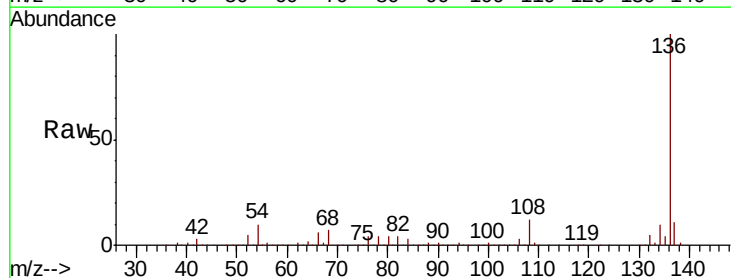
Tgt Ion: 122 Resp: 290

Ion Ratio Lower Upper

122 100

105 336.4 101.9 141.9#

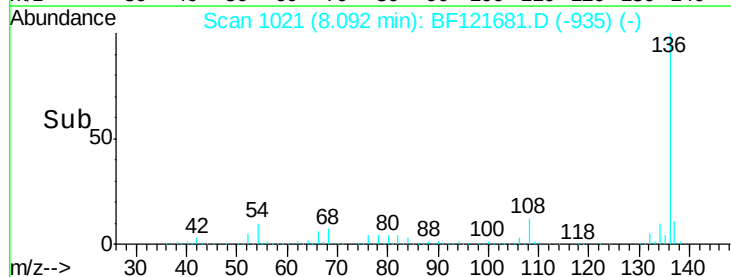
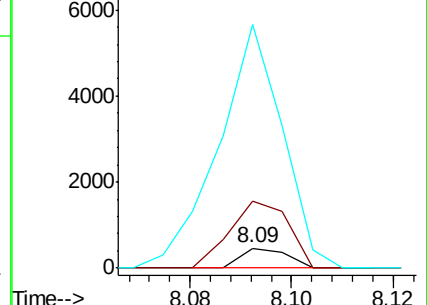
77 1225.1 69.0 109.0#

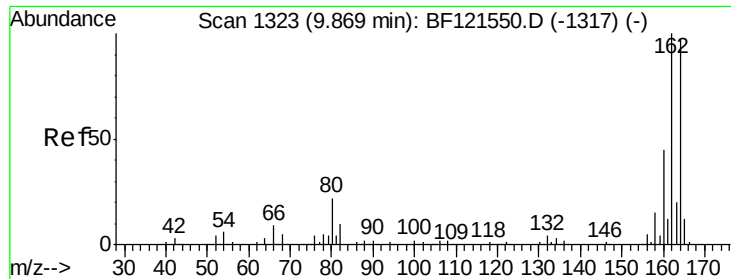


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampled :

CS-36

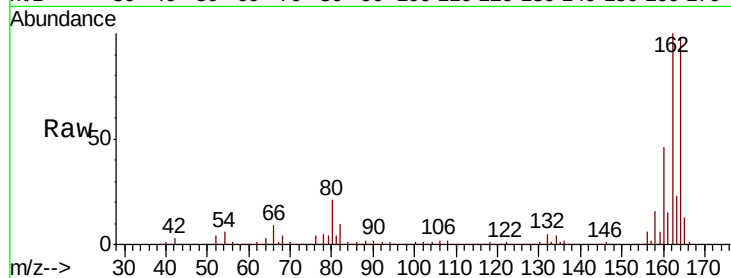
Tot Ion:164 Resp: 853875

Ion Ratio Lower Upper

164 100

162 101.6 81.2 121.8

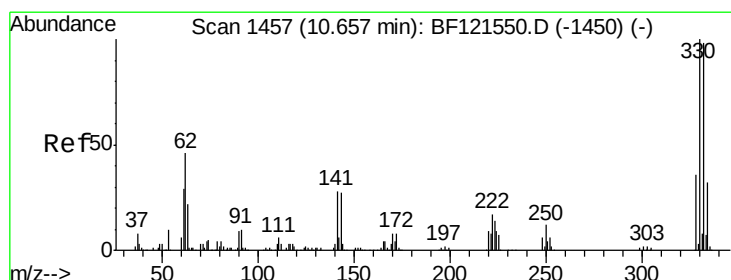
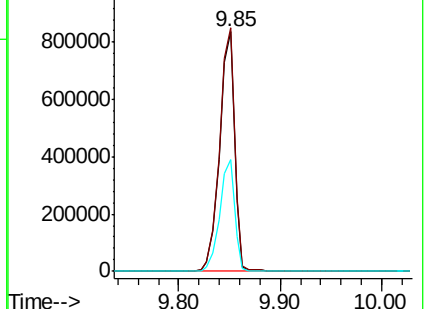
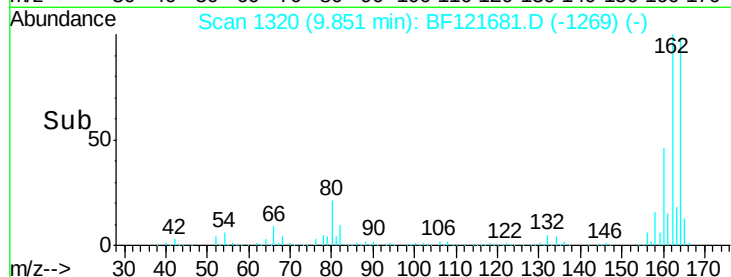
160 46.5 36.2 54.4



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: 85.624 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

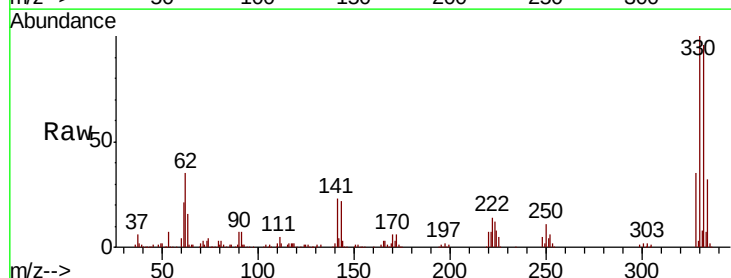
Tgt Ion:330 Resp: 454343

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

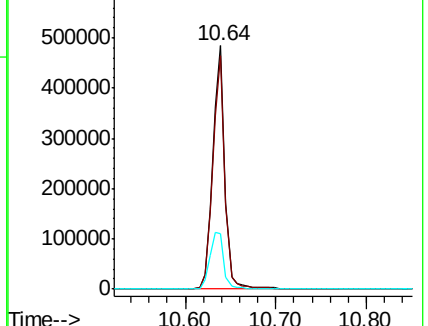
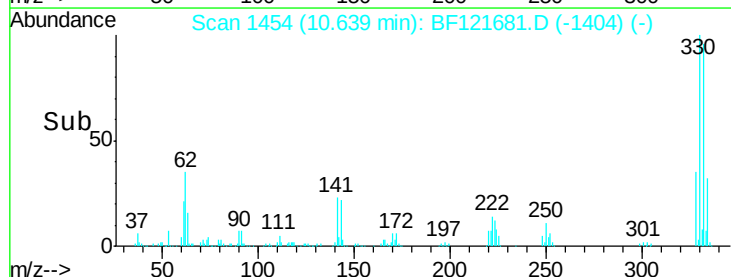
141 27.6 22.4 33.6

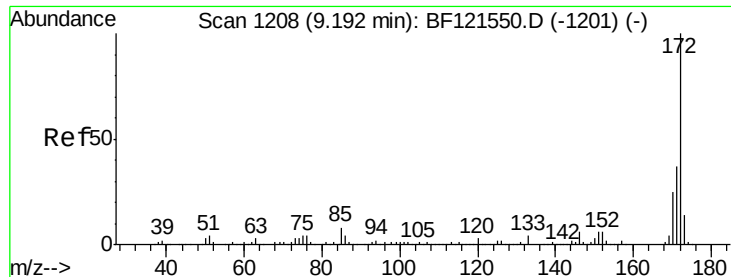


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



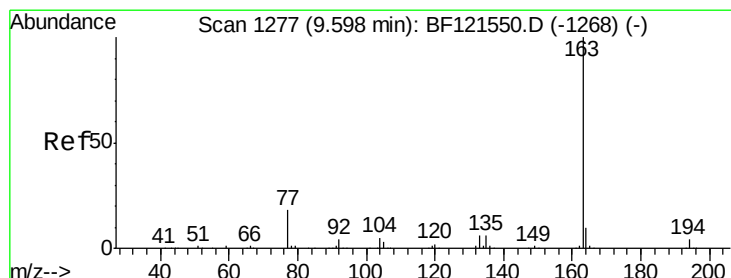
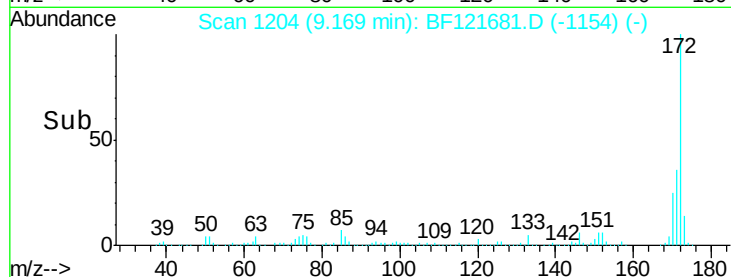
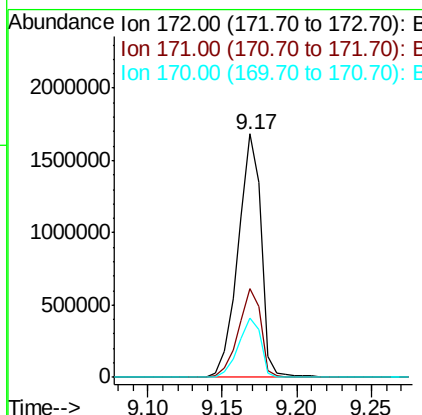
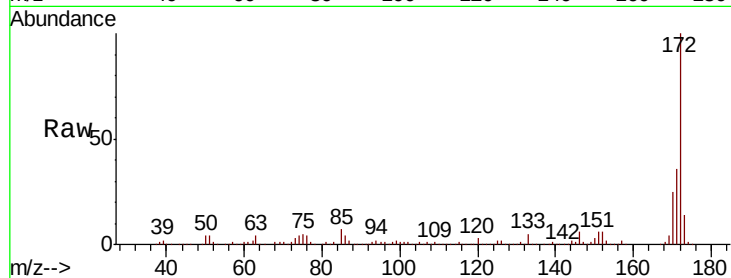


#45
 2-Fluorobiphenyl
 Concen: 64.230 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121681.D
 Acq: 24 Sep 2020 14:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-36

Tot Ion:172 Resp: 1810598

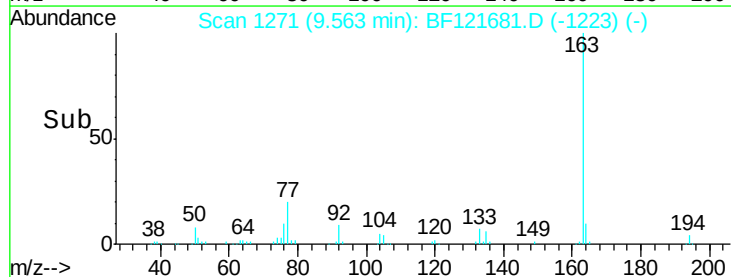
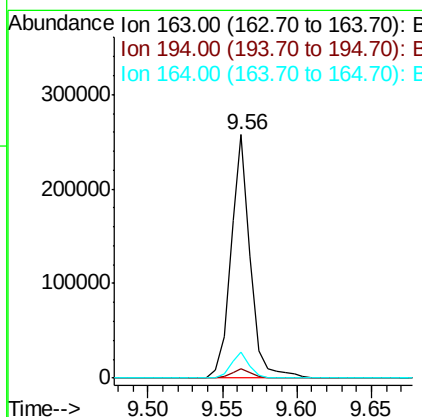
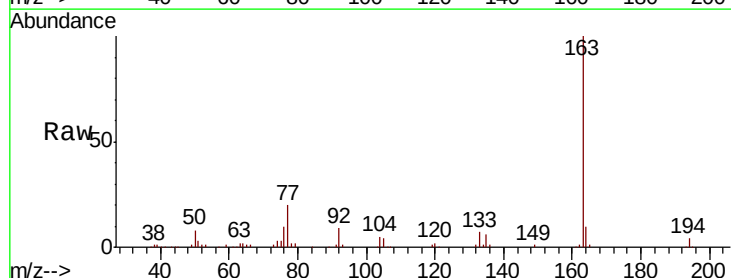
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	24.6	19.5	29.3

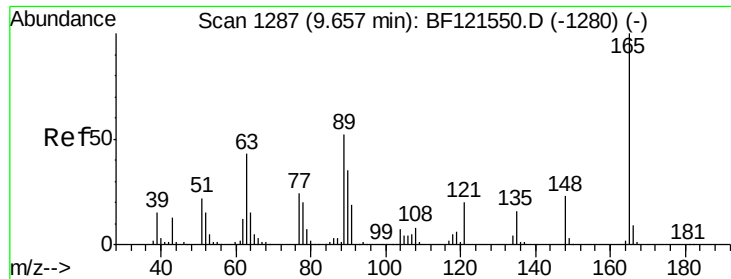


#50
 Dimethylphthalate
 Concen: 7.597 ng
 RT: 9.56 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF121681.D
 Acq: 24 Sep 2020 14:47

Tgt Ion:163 Resp: 235095

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.5	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 16.736 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampled :

CS-36

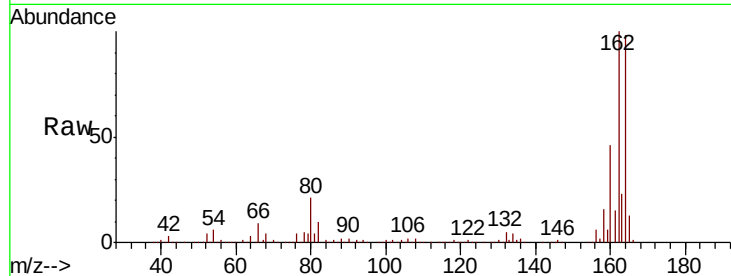
Tot Ion:165 Resp: 110288

Ion Ratio Lower Upper

165 100

63 1.4 47.6 71.4#

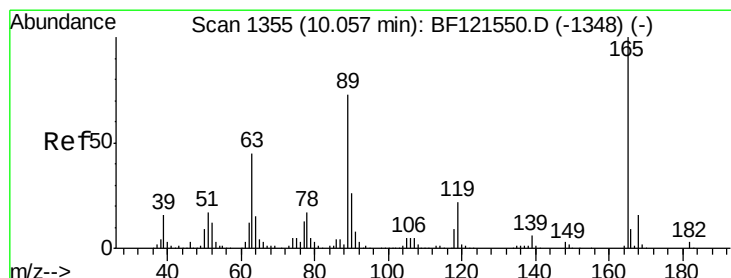
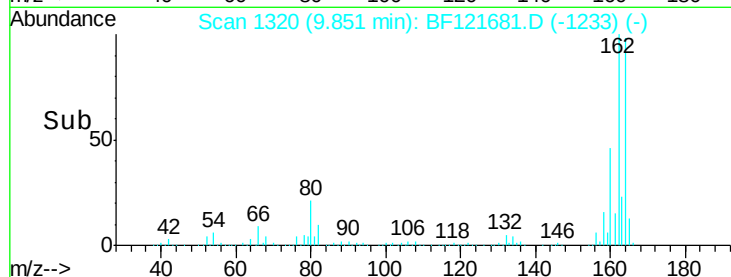
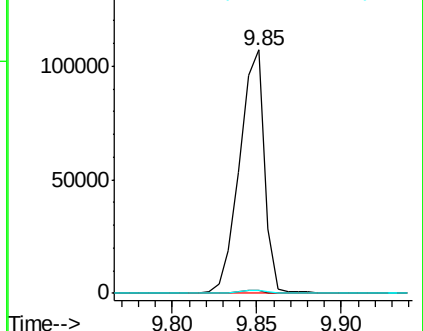
89 1.4 46.0 69.0#



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



#57

2,4-Dinitrotoluene

Concen: 13.303 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Tgt Ion:165 Resp: 110288

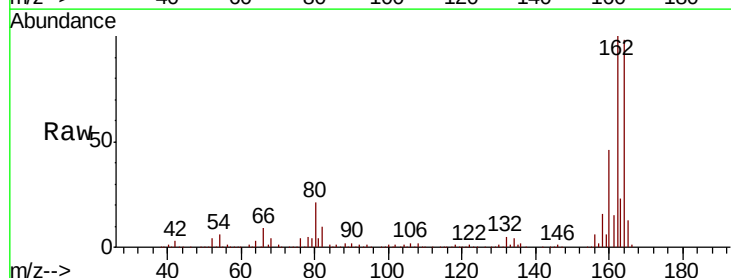
Ion Ratio Lower Upper

165 100

63 1.4 36.7 55.1#

89 1.4 57.7 86.5#

182 0.0 2.1 3.1#

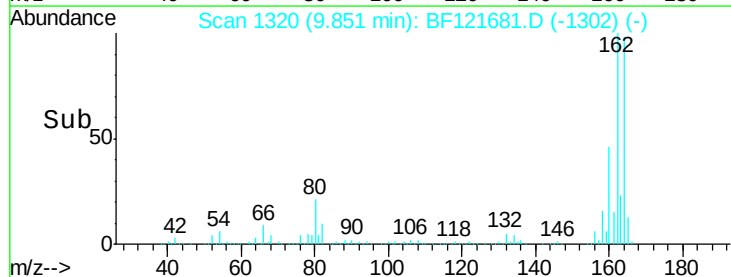
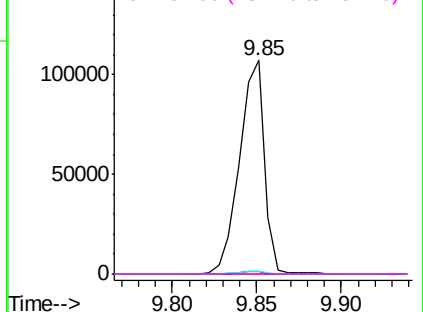


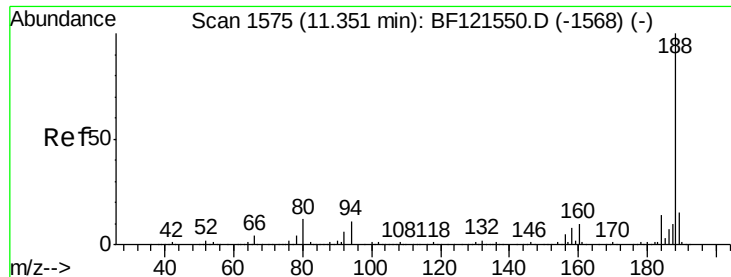
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampleId :

CS-36

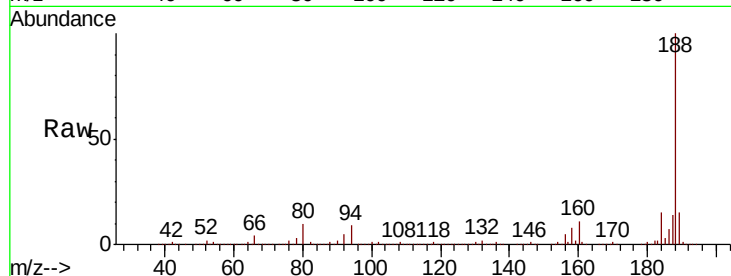
Tot Ion:188 Resp: 1680816

Ion Ratio Lower Upper

188 100

94 9.5 8.4 12.6

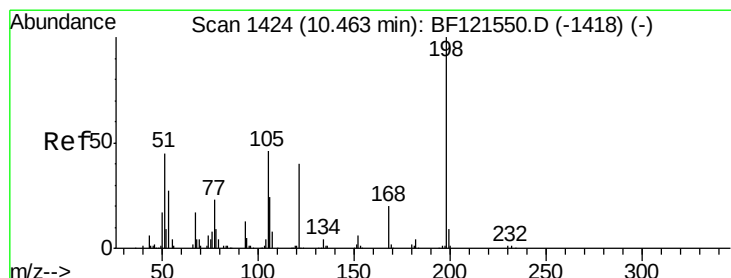
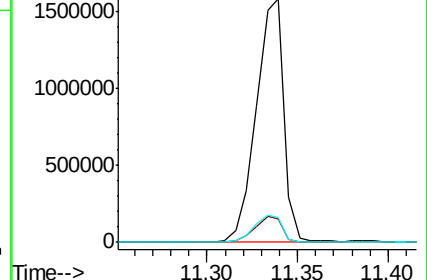
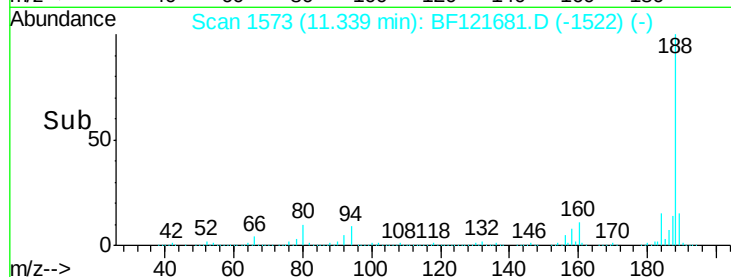
80 10.1 9.0 13.4



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



#65

4,6-Dinitro-2-methylphenol

Concen: 13.832 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

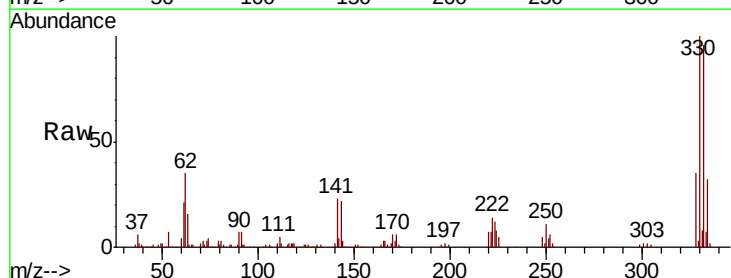
Tgt Ion:198 Resp: 767

Ion Ratio Lower Upper

198 100

51 180.1 20.3 60.3#

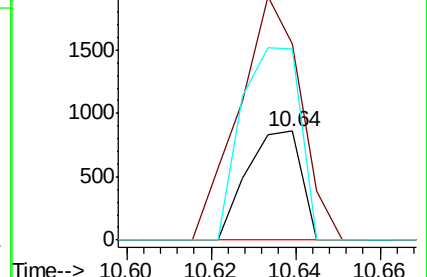
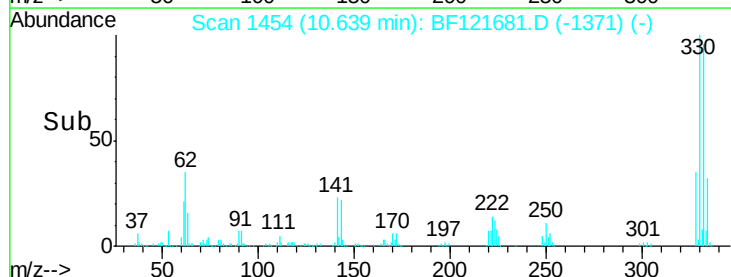
105 175.5 20.2 60.2#

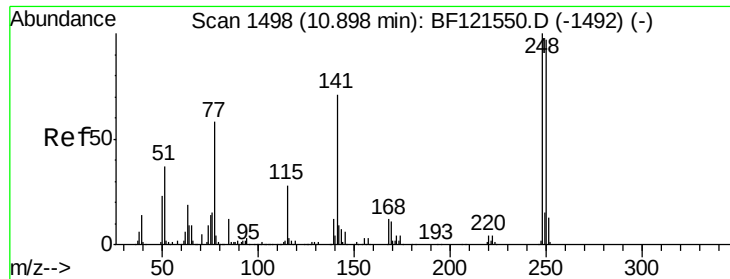


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

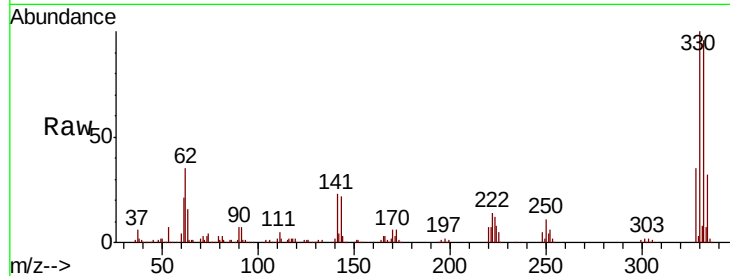




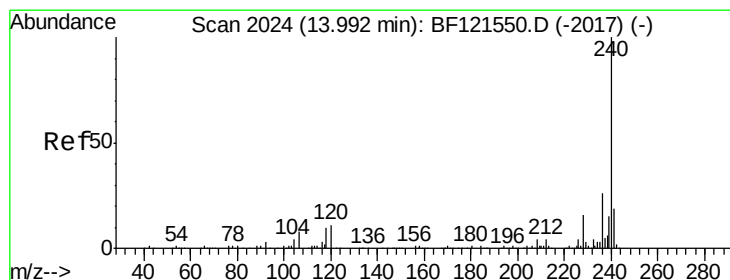
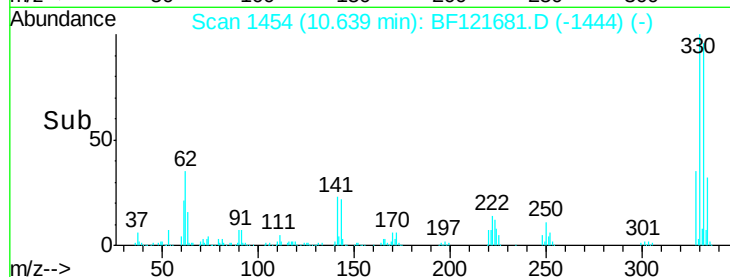
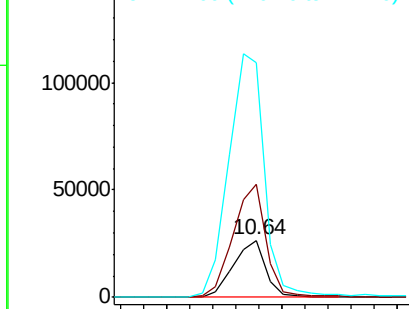
#67
4-Bromophenyl-phenylether
Concen: 2.694 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Instrument :
BNA_F
ClientSampled :
CS-36

Tot Ion:248 Resp: 25774
Ion Ratio Lower Upper
248 100
250 197.5 79.4 119.0#
141 410.9 52.2 78.4#

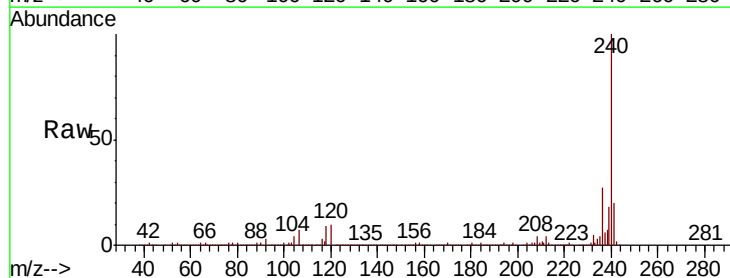


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

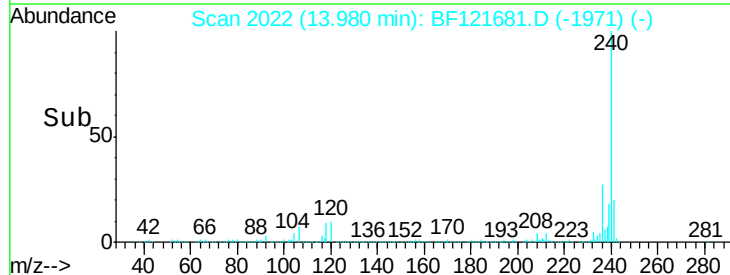
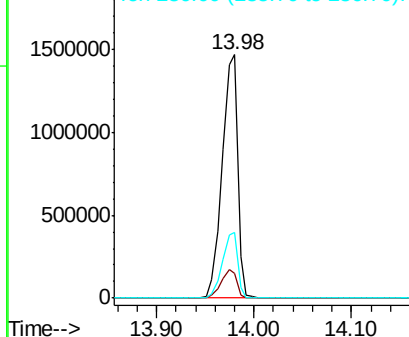


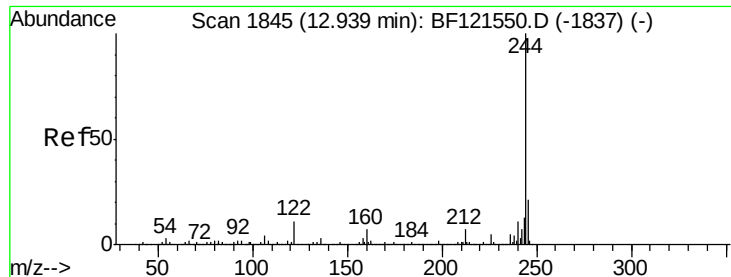
#76
Chrysene-d12
Concen: 40.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF121681.D
Acq: 24 Sep 2020 14:47

Tgt Ion:240 Resp: 1626806
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 27.1 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: 56.116 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

Instrument :

BNA_F

ClientSampled :

CS-36

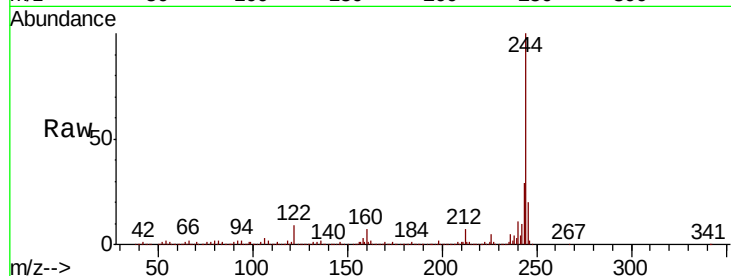
Tot Ion:244 Resp: 2253059

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

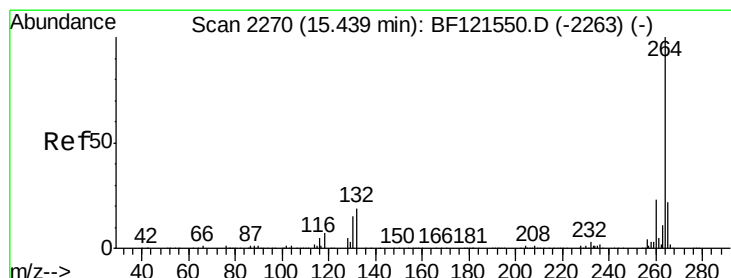
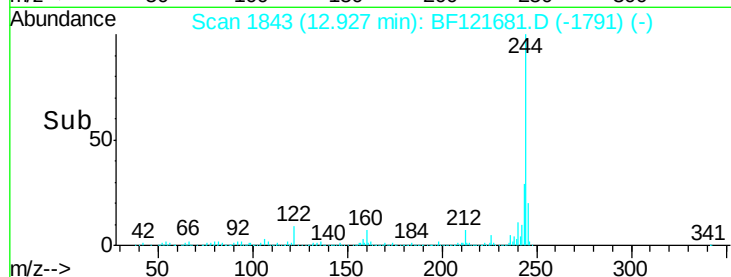
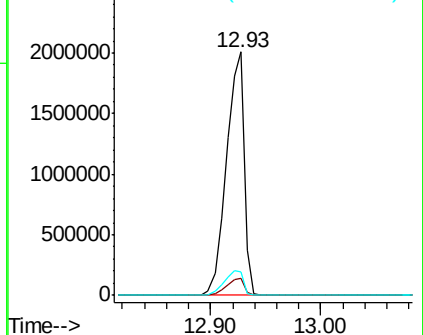
122 9.5 7.4 11.0



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: 40.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. 0.01 min

Lab File: BF121681.D

Acq: 24 Sep 2020 14:47

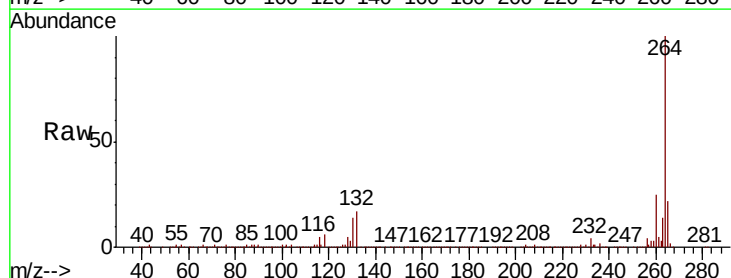
Tgt Ion:264 Resp: 1405251

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.8 17.3 25.9



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

