

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121581.D
 Acq On : 15 Sep 2020 17:01
 Operator : JU/CG
 Sample : L4013-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Quant Time: Sep 16 01:02:45 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	199511	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	787045	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	421157	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	792323	20.00	ng	0.00
76) Chrysene-d12	13.99	240	583636	20.00	ng	0.00
86) Perylene-d12	15.44	264	457608	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1283805	95.63	ng	0.03
7) Phenol-d6	6.47	99	1457545	82.76	ng	0.01
23) Nitrobenzene-d5	7.40	82	1295055	88.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	626827	119.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2140790	76.99	ng	0.00
79) Terphenyl-d14	12.94	244	2430209	84.36	ng	0.00

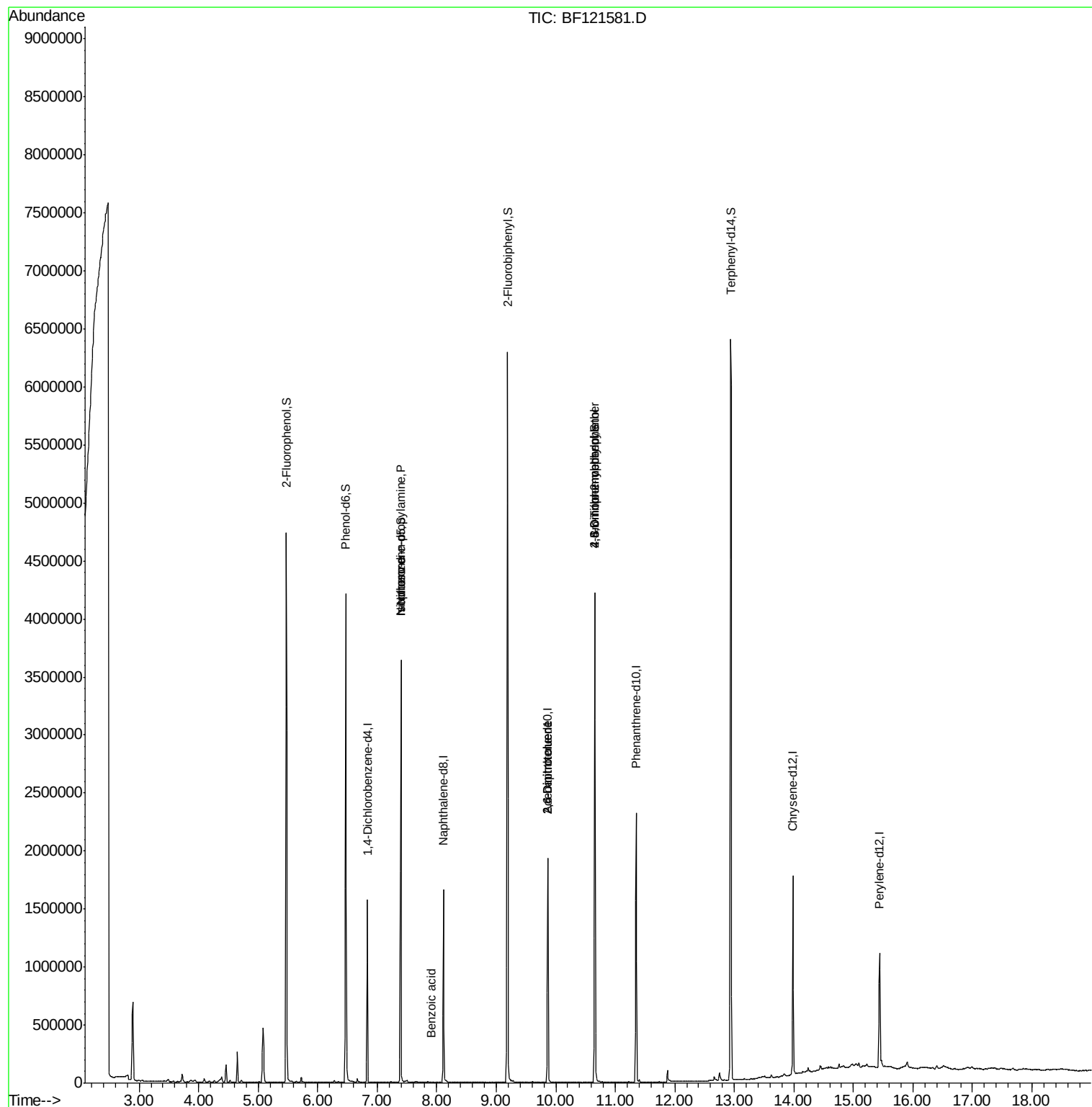
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	174603	17.201	ng	# 79
25) Isophorone	7.40	82	1283373	43.493	ng	# 66
32) Benzoic acid	7.90	122	117	6.946	ng	# 38
51) 2,6-Dinitrotoluene	9.86	165	54906	8.446	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	54906	6.714	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.66	198	1211	7.066	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	36040	3.995	ng	# 1

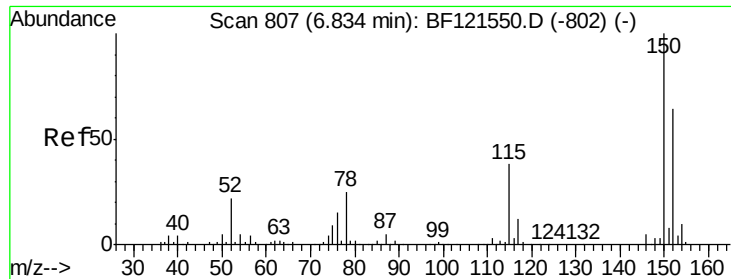
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121581.D
Acq On : 15 Sep 2020 17:01
Operator : JU/CG
Sample : L4013-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Quant Time: Sep 16 01:02:45 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



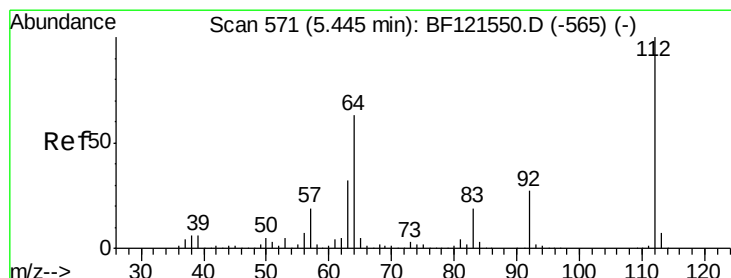
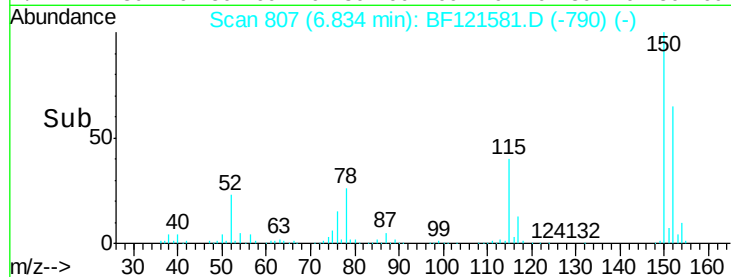
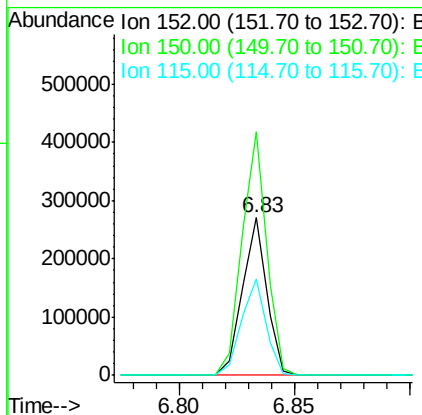
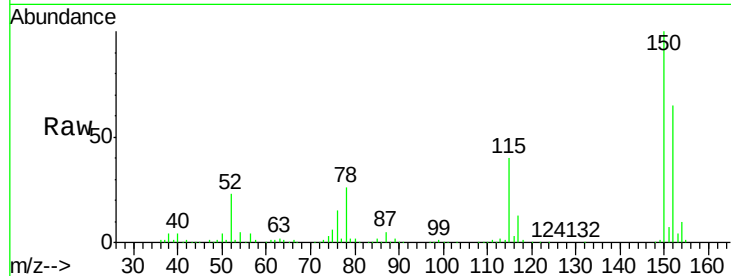


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

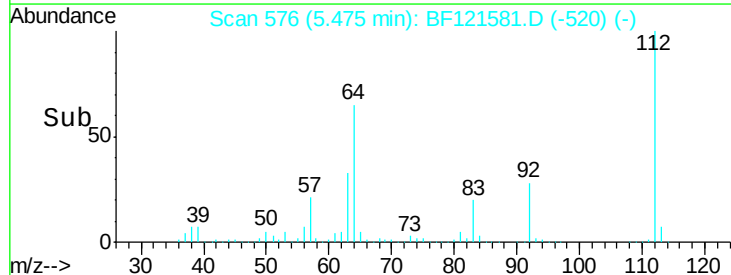
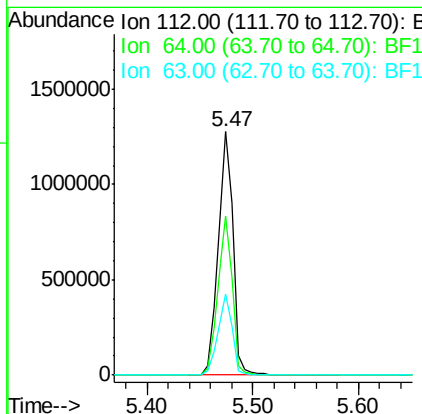
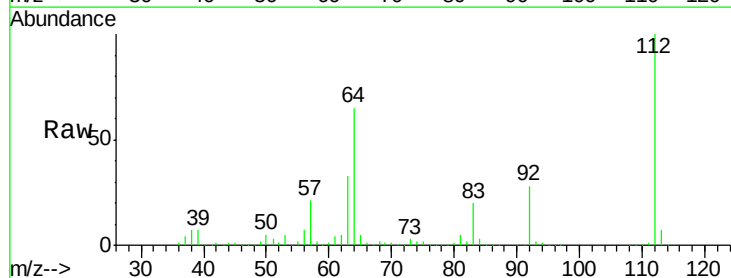
Tot Ion:152 Resp: 199511
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.3 47.8 71.8

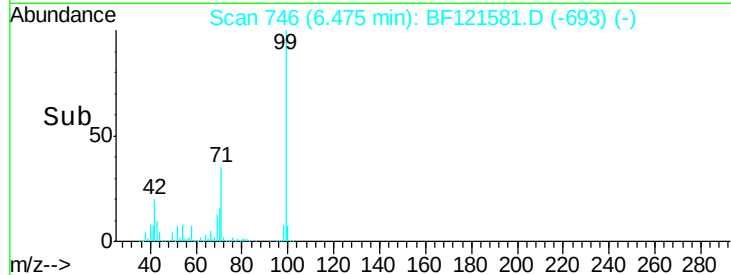
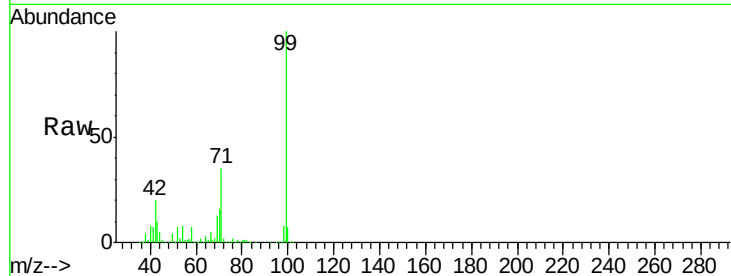
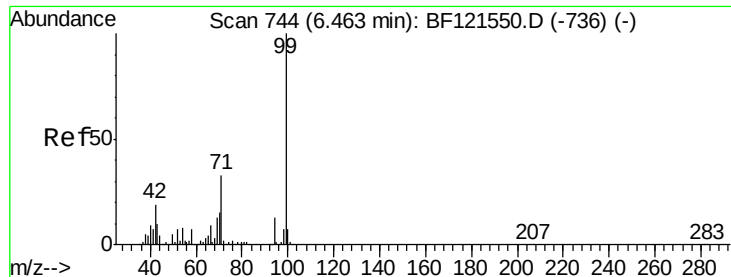


#5

2-Fluorophenol
Concen: 95.629 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Tgt Ion:112 Resp: 1283805
Ion Ratio Lower Upper
112 100
64 65.1 50.3 75.5
63 33.2 25.6 38.4





#7

Phenol-d6

Concen: 82.755 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

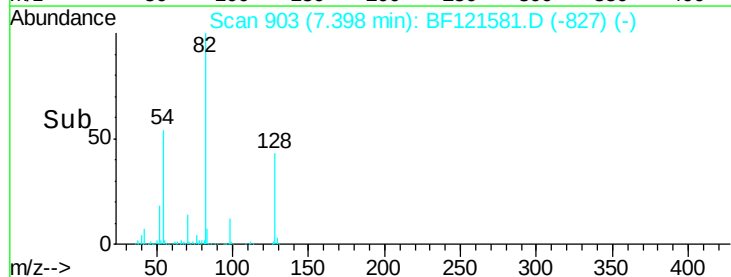
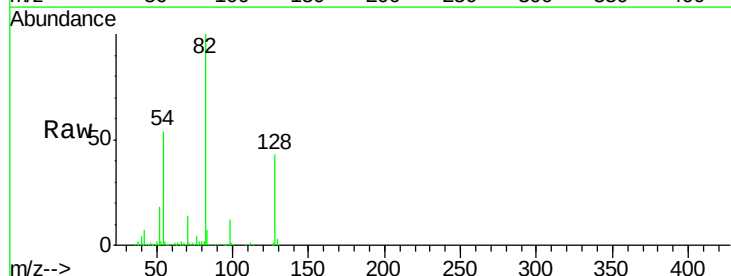
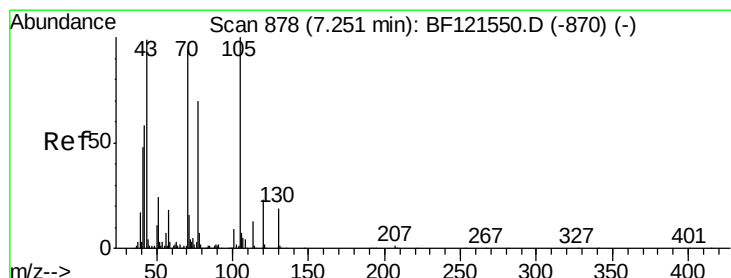
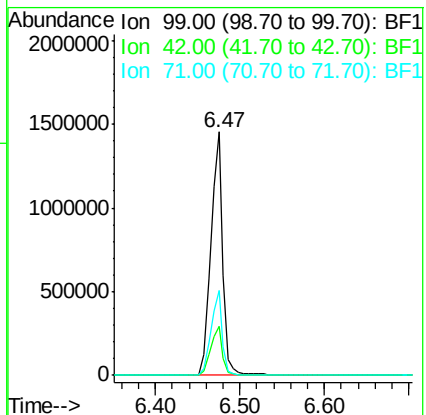
Tot Ion: 99 Resp: 1457545

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 34.6 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 17.201 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.15 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Tgt Ion: 70 Resp: 174603

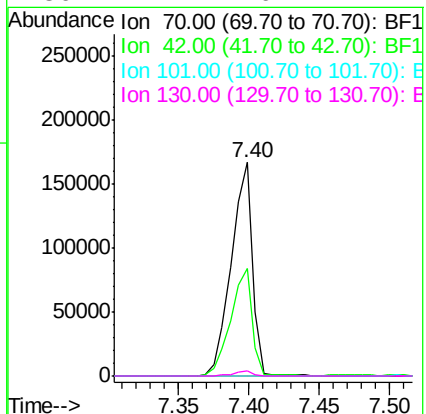
Ion Ratio Lower Upper

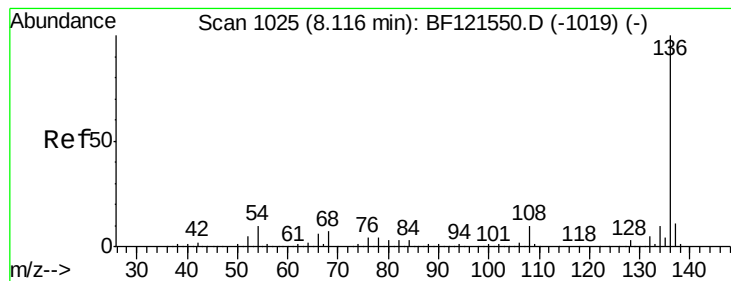
70 100

42 50.4 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: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

Tot Ion:136 Resp: 787045

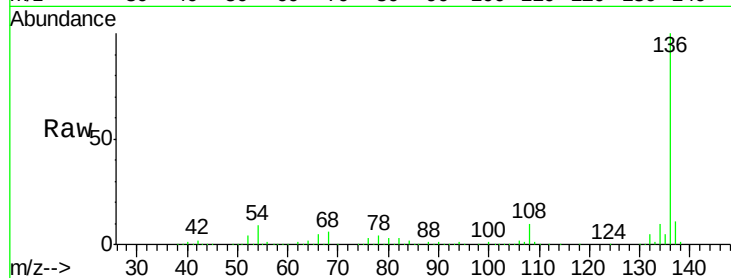
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 8.7 7.6 11.4

68 6.4 5.7 8.5

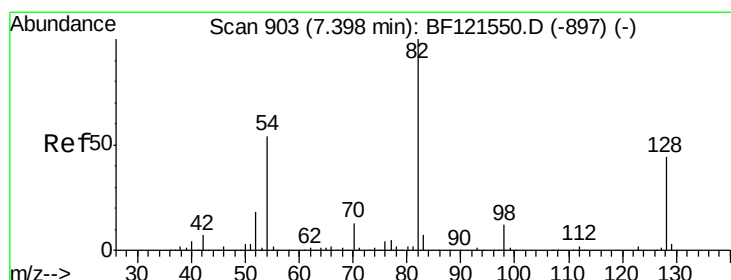
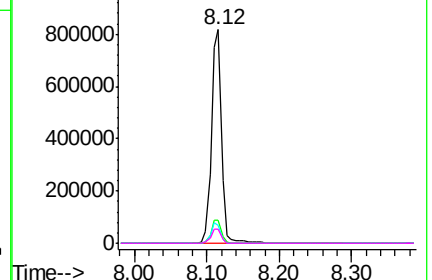
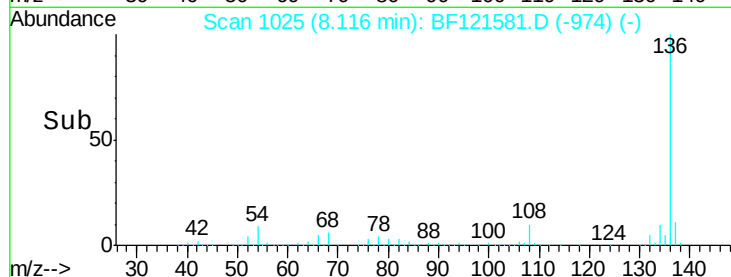


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.348 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.00 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

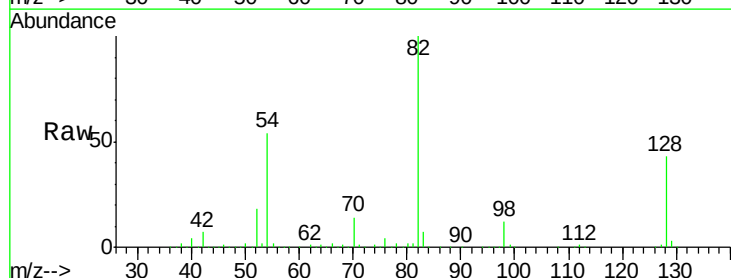
Tgt Ion: 82 Resp: 1295055

Ion Ratio Lower Upper

82 100

128 42.9 35.1 52.7

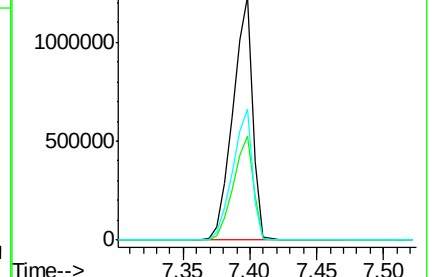
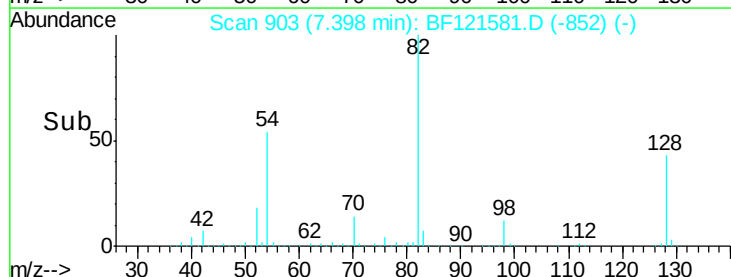
54 53.6 43.0 64.6

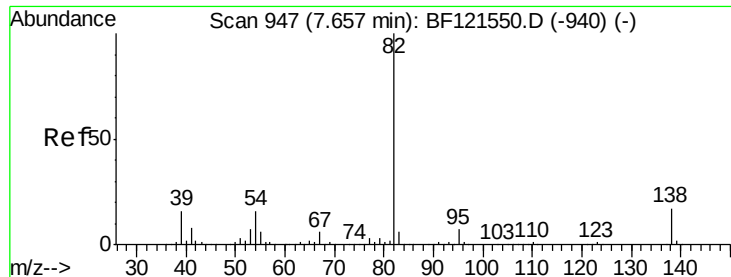


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.493 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.26 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

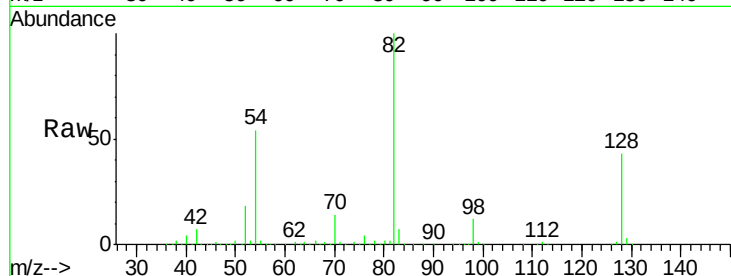
Tot Ion: 82 Resp: 1283373

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

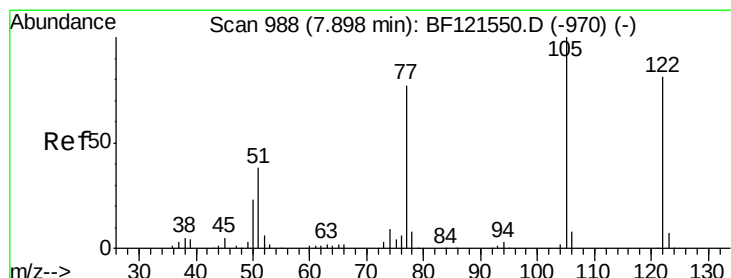
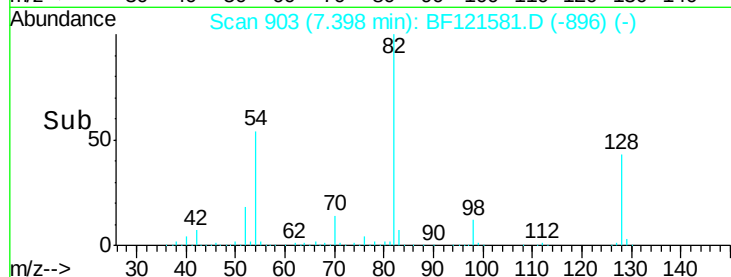
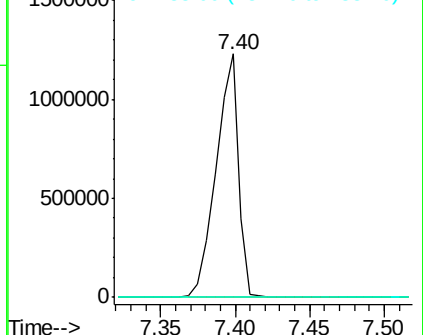
138 0.0 13.7 20.5#



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



#32

Benzoic acid

Concen: 6.946 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

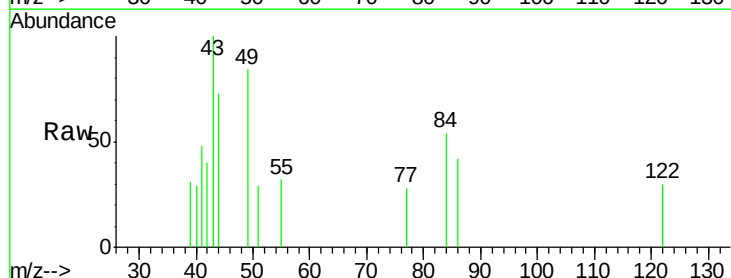
Tgt Ion: 122 Resp: 117

Ion Ratio Lower Upper

122 100

105 0.0 100.5 140.5#

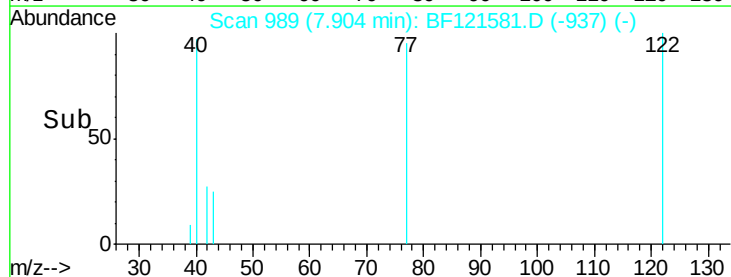
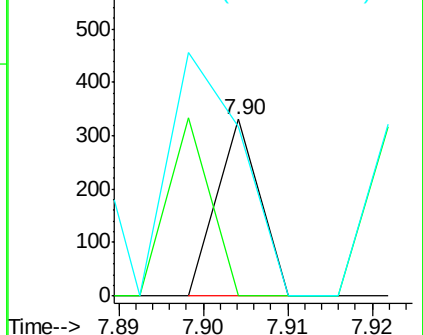
77 95.5 72.6 112.6

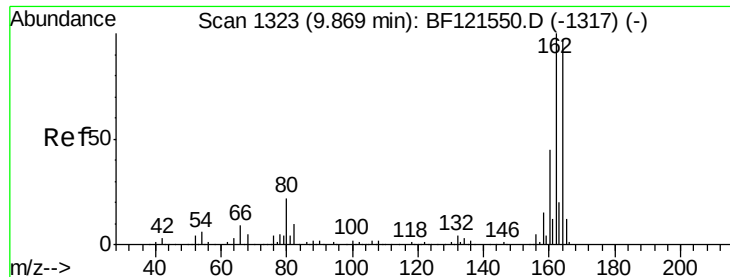


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

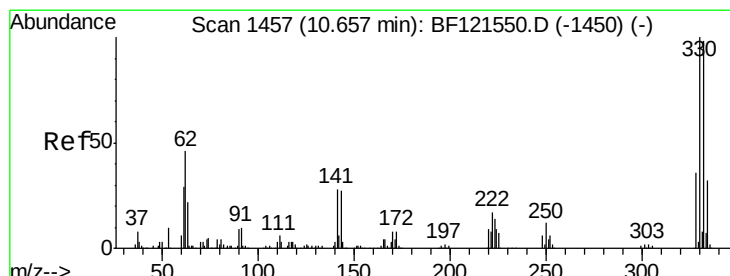
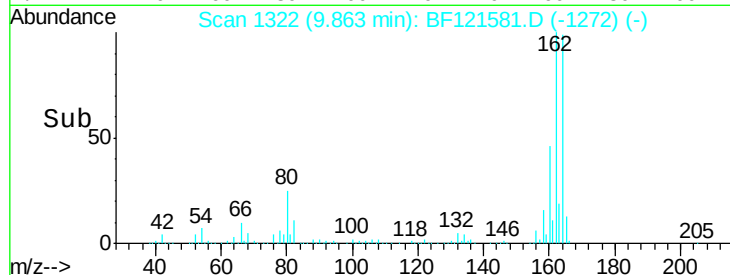
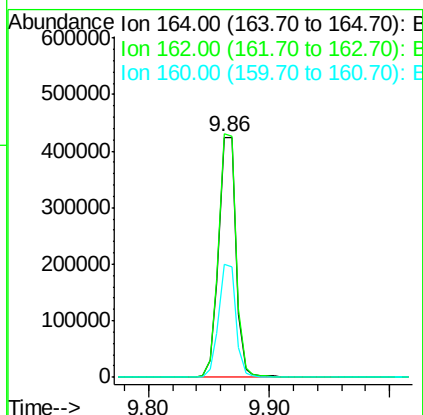
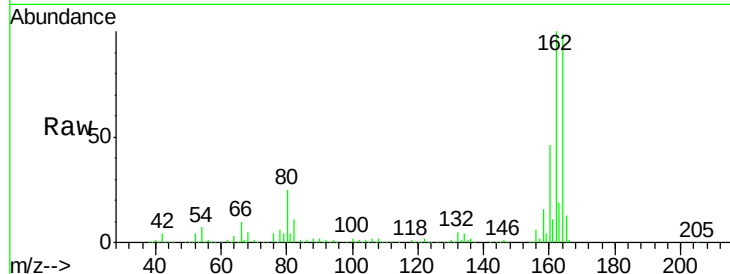




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

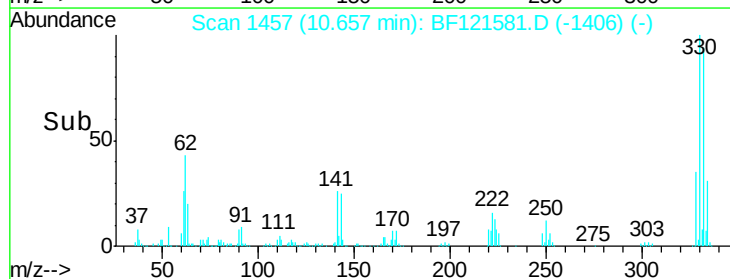
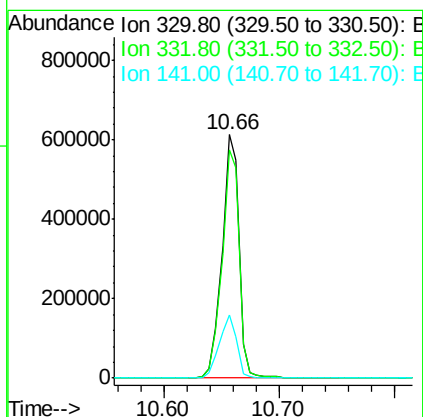
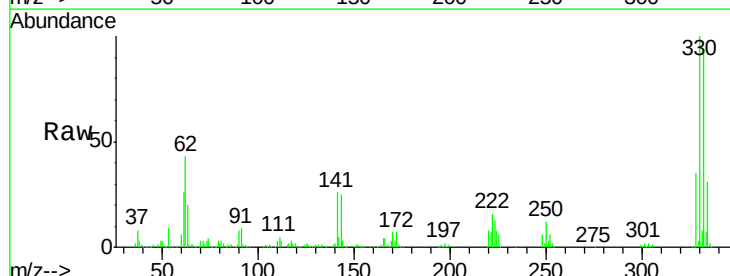
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

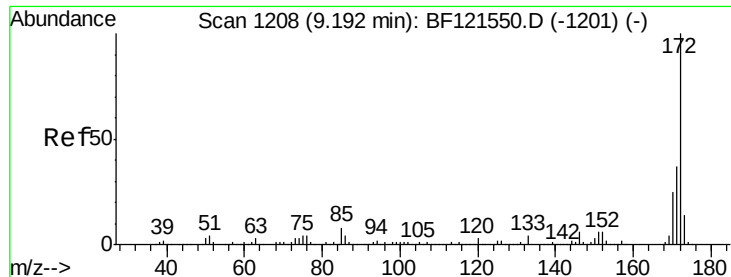
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.3	123.5
160	47.0	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 119.751 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	26.9	23.6	35.4

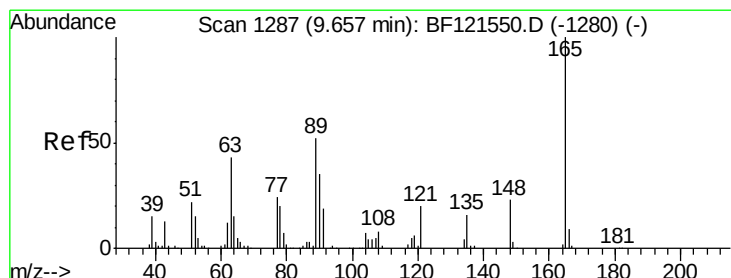
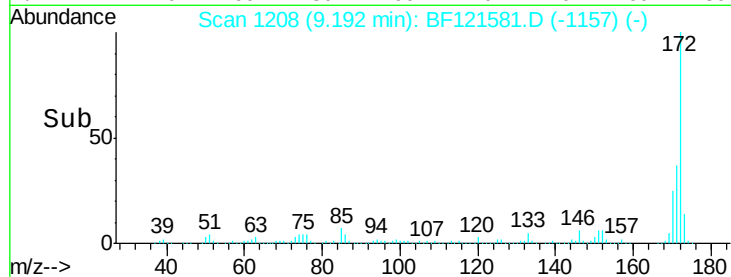
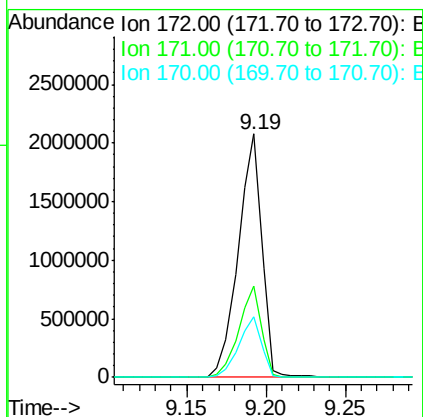
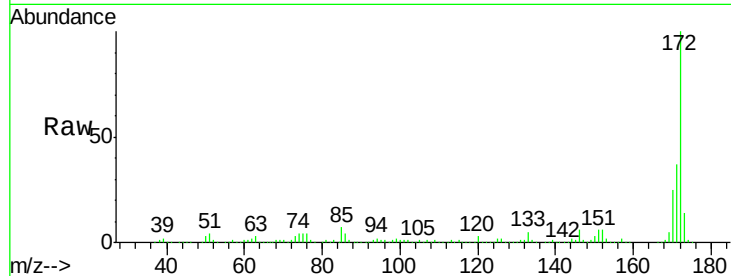




#45
2-Fluorobiphenyl
Concen: 76.985 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

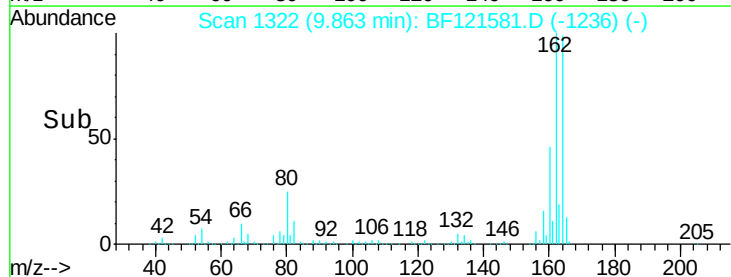
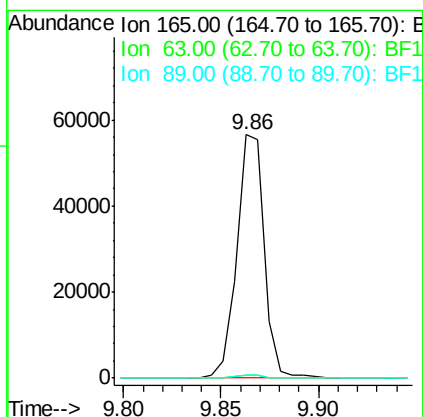
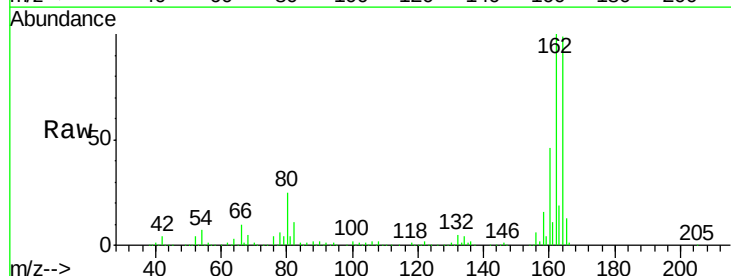
Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

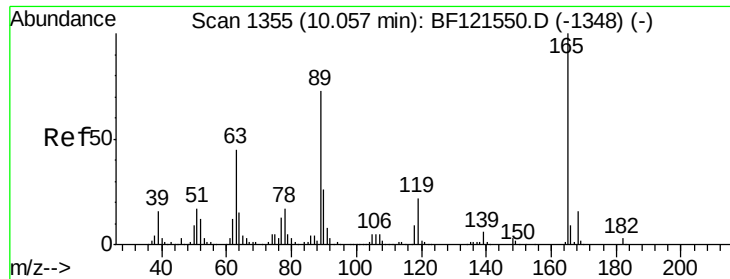
Tot Ion:172 Resp: 2140790
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.1 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 8.446 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.21 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Tgt Ion:165 Resp: 54906
Ion Ratio Lower Upper
165 100
63 1.0 40.6 61.0#
89 1.2 41.8 62.8#





#57

2,4-Dinitrotoluene

Concen: 6.714 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

Tot Ion:165 Resp: 54906

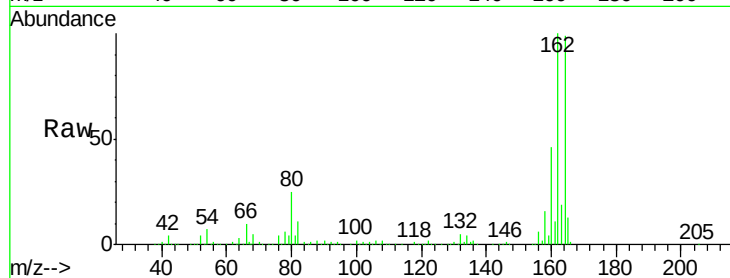
Ion Ratio Lower Upper

165 100

63 1.0 36.2 54.4#

89 1.2 58.2 87.4#

182 0.0 2.2 3.2#

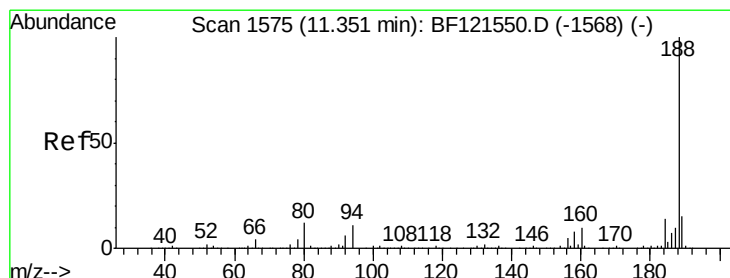
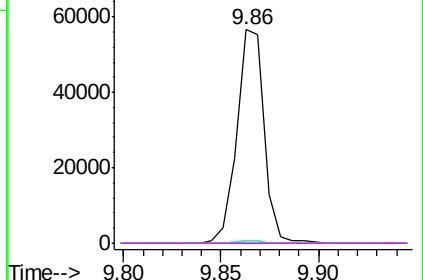
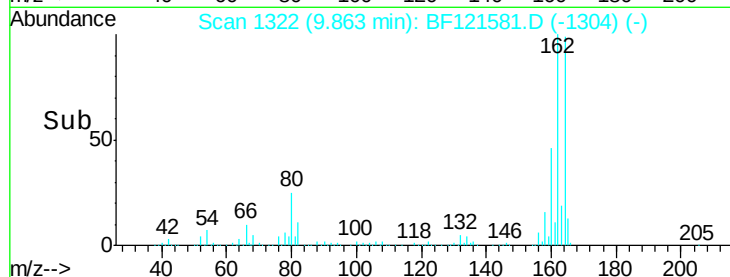


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

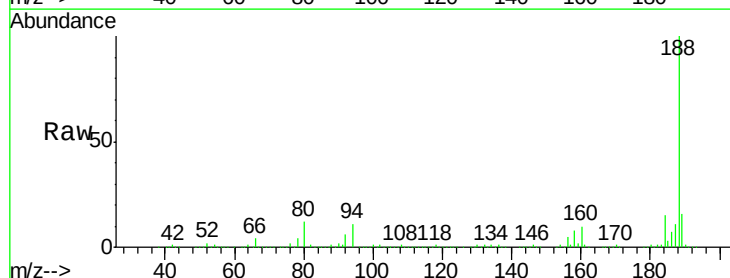
Tgt Ion:188 Resp: 792323

Ion Ratio Lower Upper

188 100

94 11.0 8.7 13.1

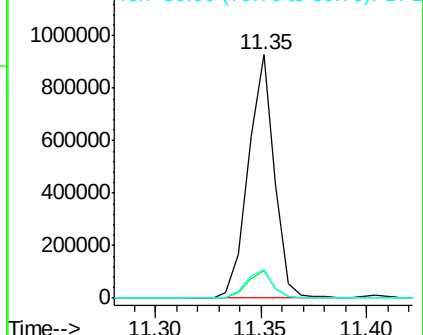
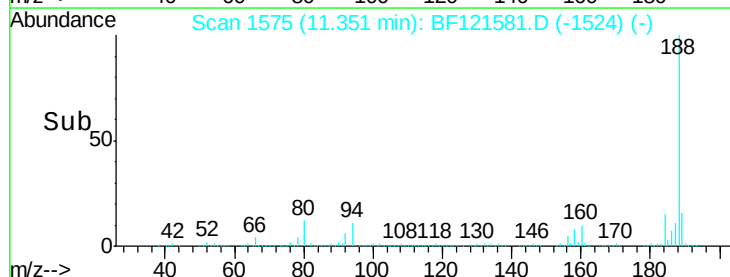
80 11.7 9.3 13.9

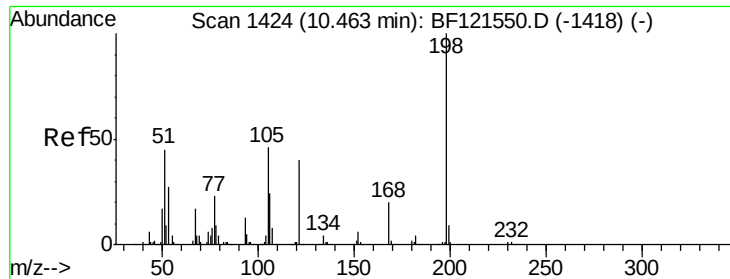


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

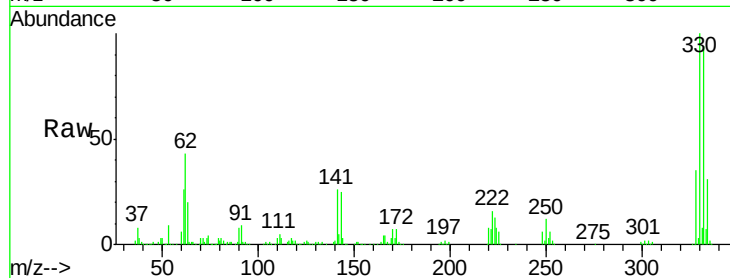




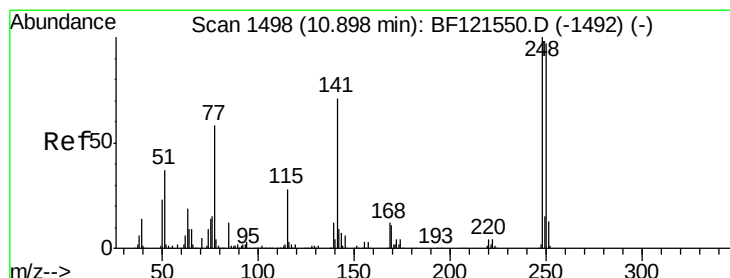
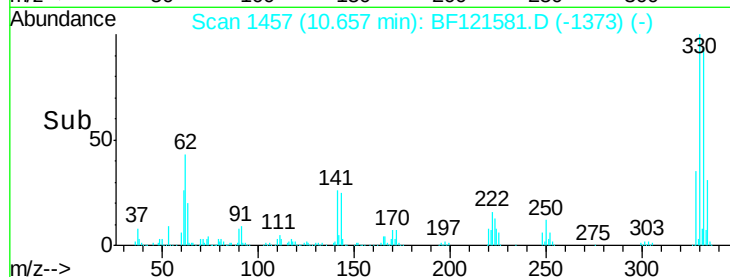
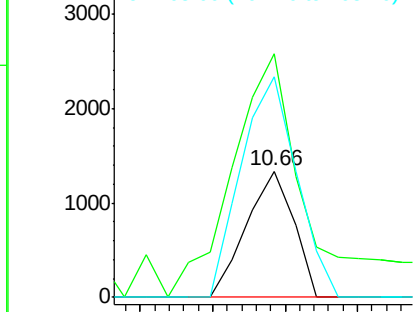
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.066 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.19 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Tot Ion	Ratio	Lower	Upper
198	100		
51	192.8	31.1	71.1#
105	174.5	26.6	66.6#

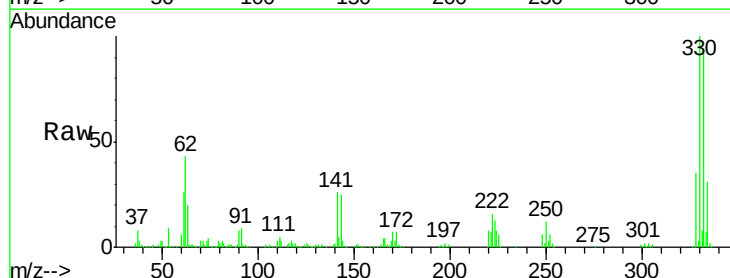


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

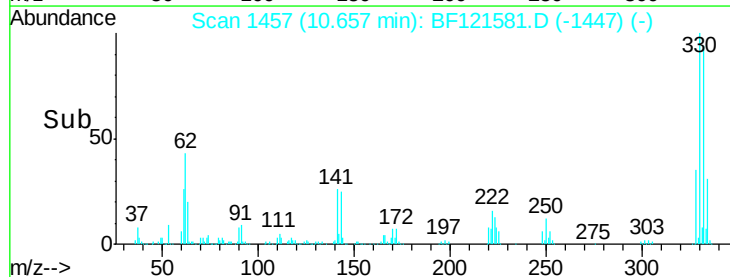
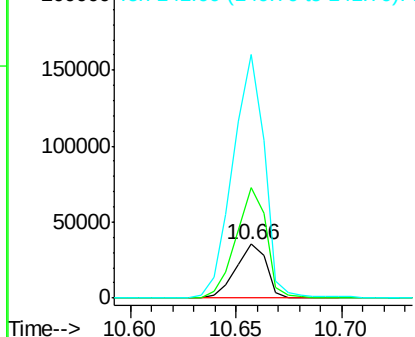


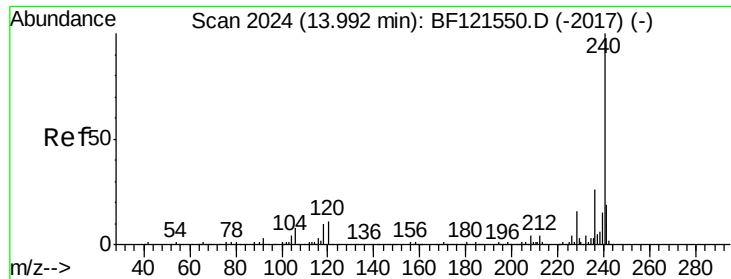
#67
 4-Bromophenyl-phenylether
 Concen: 3.995 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.3	77.4	116.0#
141	450.5	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

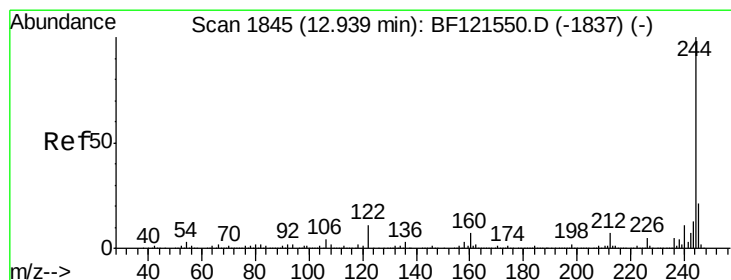
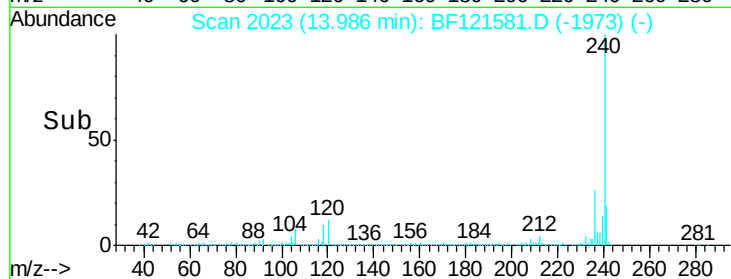
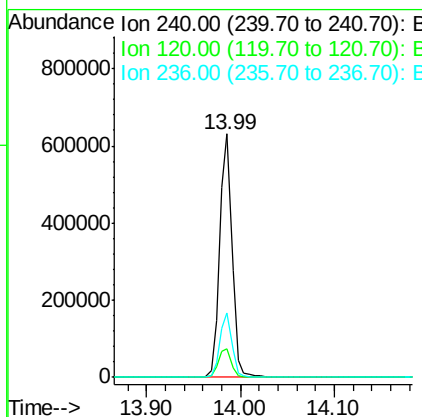
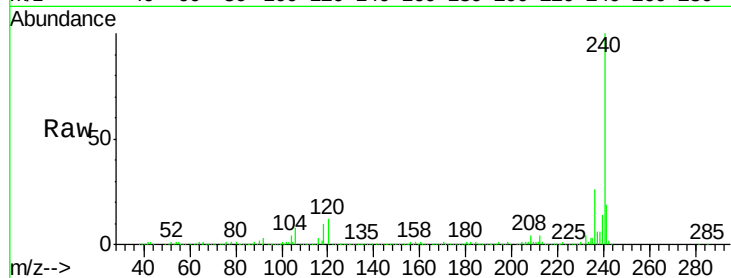




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

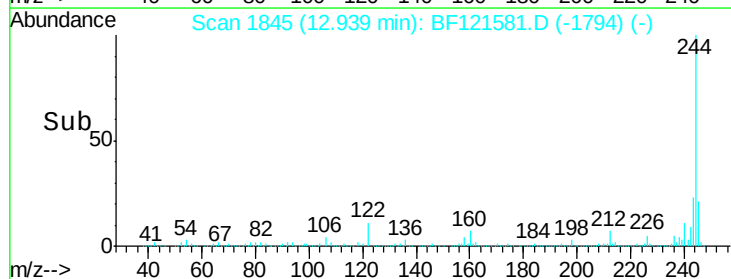
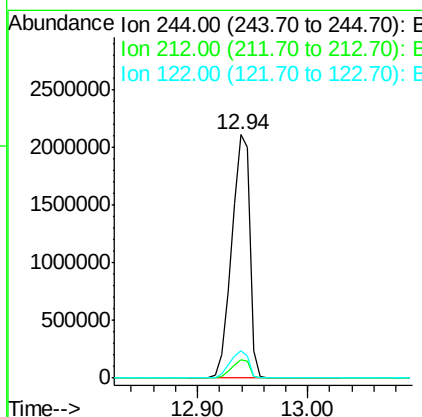
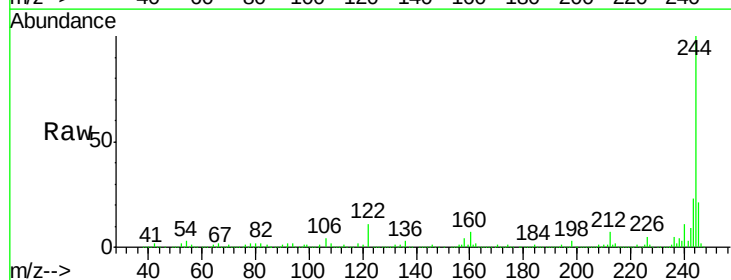
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

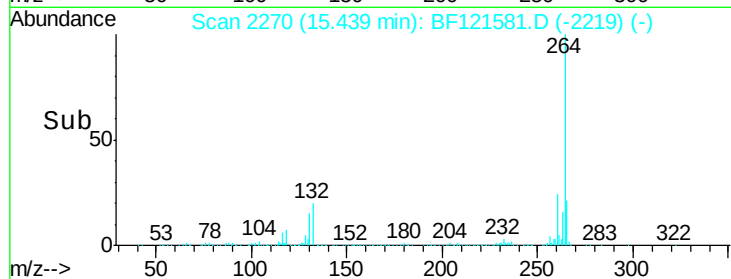
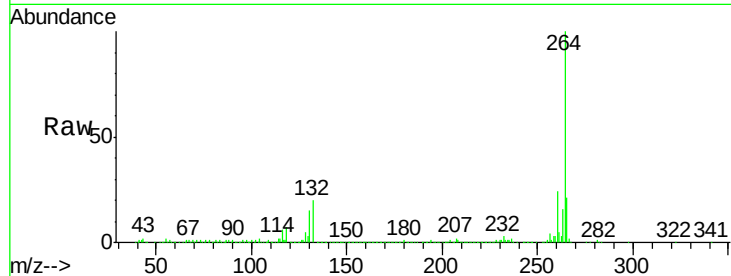
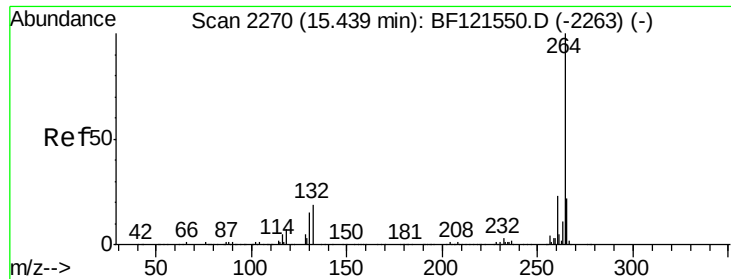
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.5	20.5	30.7



#79
 Terphenyl-d14
 Concen: 84.357 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	11.1	8.7	13.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.0	17.8	26.6

