

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083120\
 Data File : BF121475.D
 Acq On : 31 Aug 2020 13:47
 Operator : JU/CG
 Sample : PB131291BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Quant Time: Aug 31 14:44:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	311110	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1215328	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	637051	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1241153	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1095252	20.00	ng	0.00
86) Perylene-d12	15.49	264	1109195	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	2024891	109.20	ng	0.01
7) Phenol-d6	6.49	99	2594927	100.14	ng	0.00
23) Nitrobenzene-d5	7.42	82	1709548	96.17	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	818801	127.25	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3064104	77.61	ng	0.00
79) Terphenyl-d14	12.97	244	3324869	63.90	ng	0.00

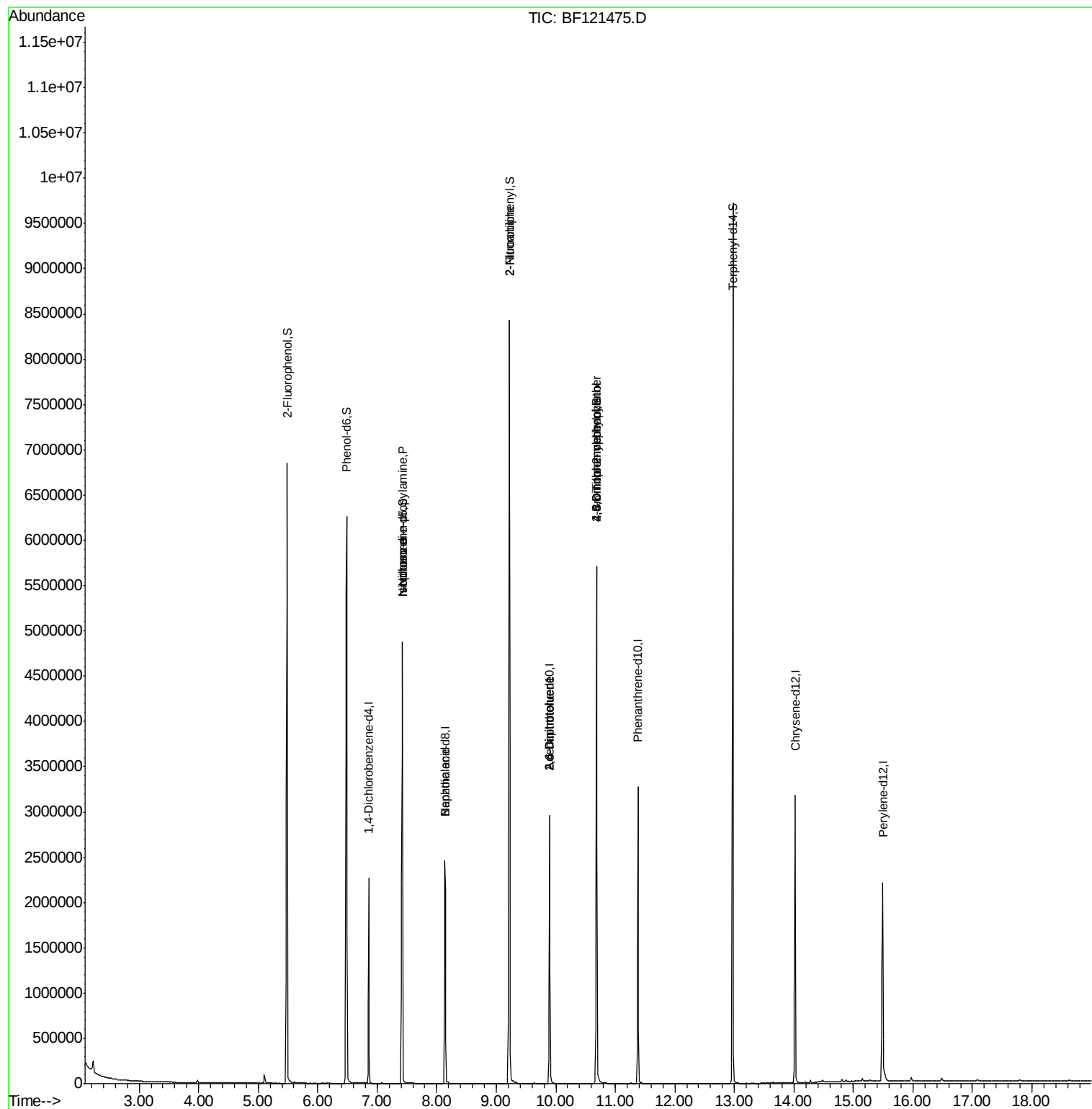
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.49	77	3624	Below Cal		# 2
19) n-Nitroso-di-n-propylamine	7.42	70	226080	15.612	ng	# 79
25) Isophorone	7.42	82	1695226	42.397	ng	# 64
32) Benzoic acid	8.14	122	124	6.675	ng	# 1
48) 2-Nitroaniline	9.22	65	5261	7.056	ng	# 1
51) 2,6-Dinitrotoluene	9.90	165	82634	15.147	ng	# 24
57) 2,4-Dinitrotoluene	9.90	165	82635	14.220	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.69	198	1767	6.249	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	47962	3.513	ng	# 1

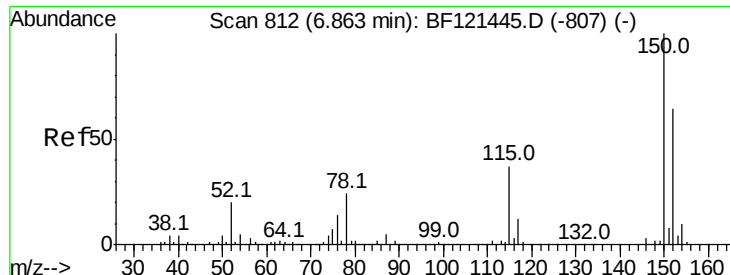
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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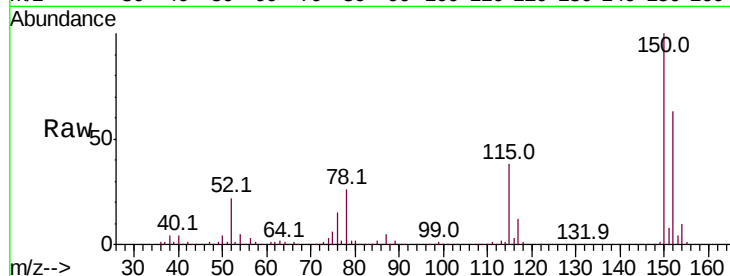


#1

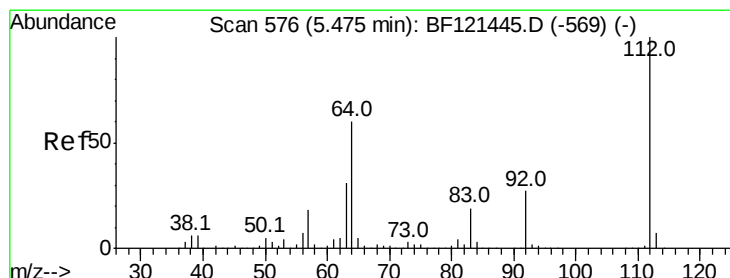
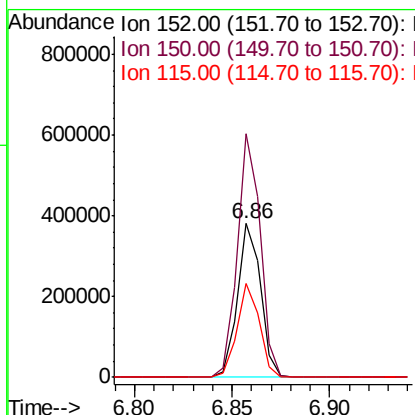
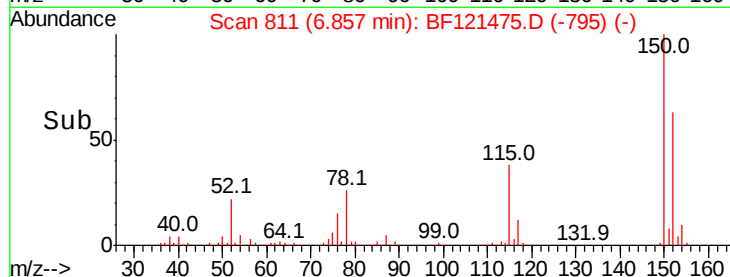
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:152 Resp: 311110
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.8 188.6
 115 60.6 46.6 69.8



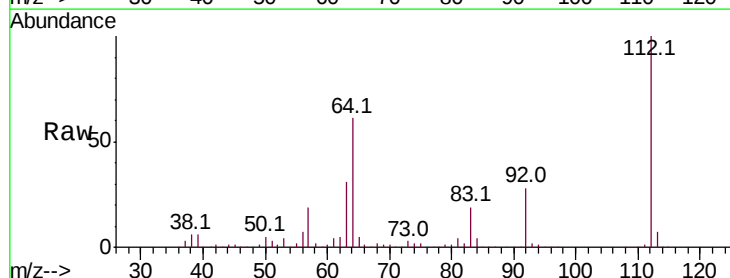
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



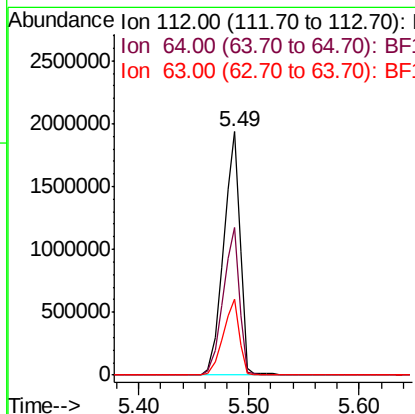
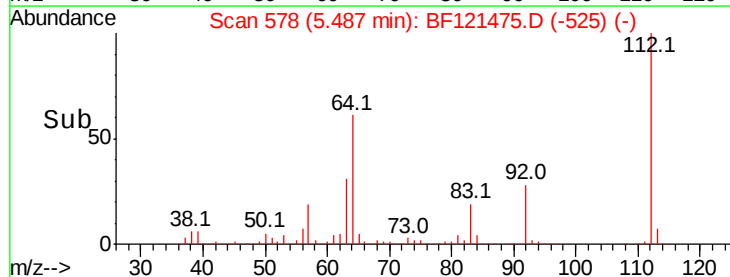
#5

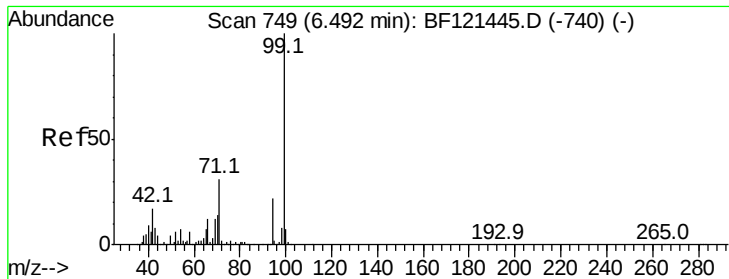
2-Fluorophenol
 Concen: 109.198 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:112 Resp: 2024891
 Ion Ratio Lower Upper
 112 100
 64 60.6 48.2 72.2
 63 31.3 24.8 37.2



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: 100.137 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

BNA_F

ClientSampleId :

PB131291BL

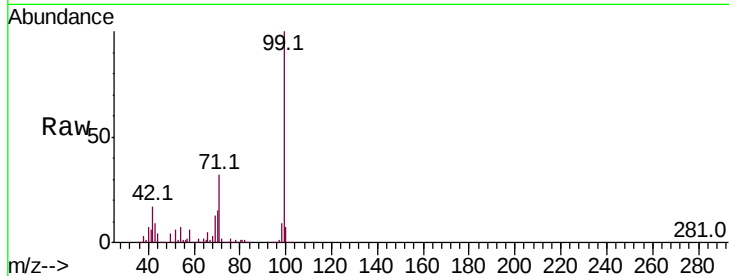
Tot Ion: 99 Resp: 2594927

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

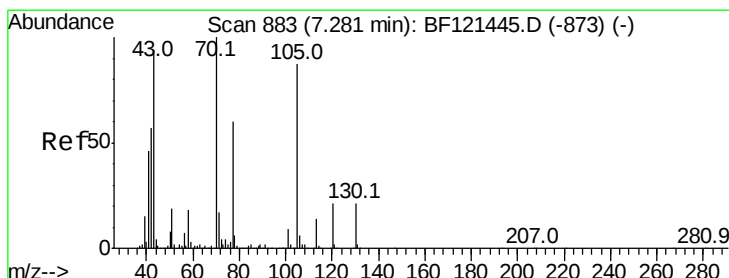
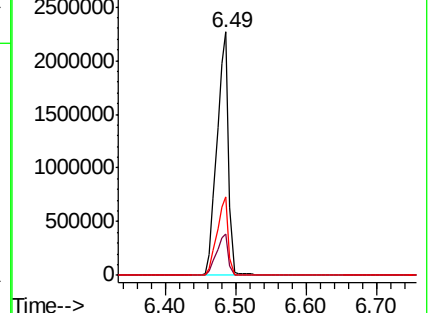
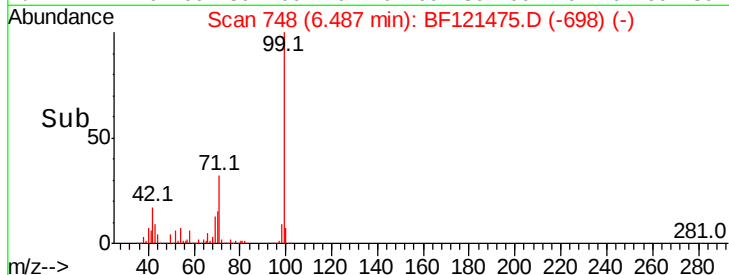
71 32.3 24.6 37.0



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: 15.612 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Tgt Ion: 70 Resp: 226080

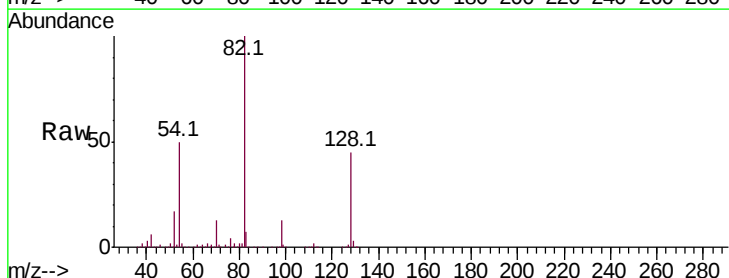
Ion Ratio Lower Upper

70 100

42 46.7 45.8 68.6

101 0.0 7.5 11.3#

130 2.2 16.5 24.7#

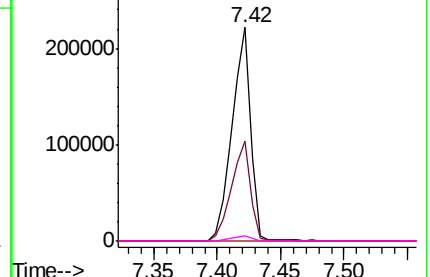
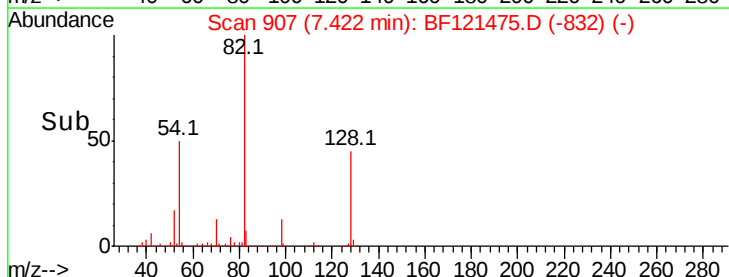


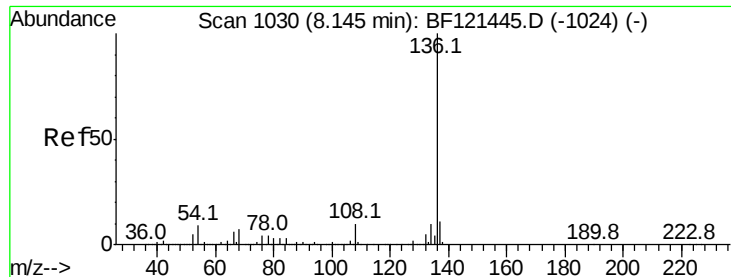
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

BNA_F

ClientSampleId :

PB131291BL

Tot Ion:136 Resp: 1215328

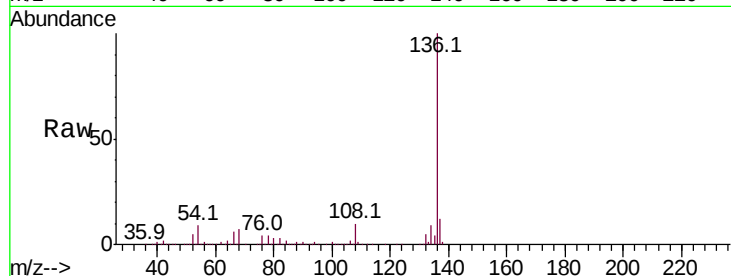
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 8.9 7.0 10.4

68 6.9 5.5 8.3

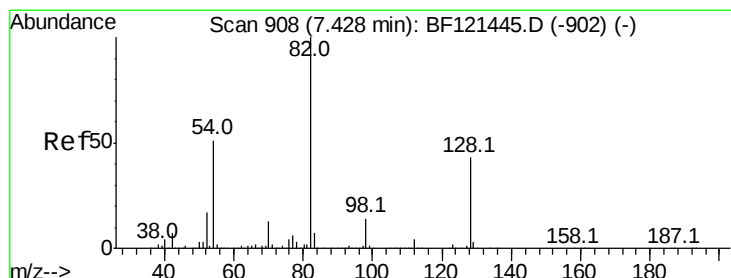
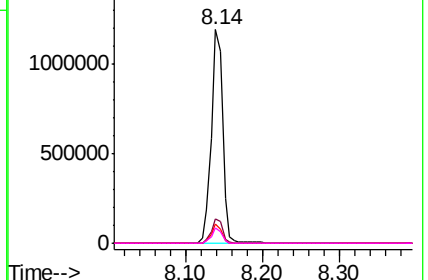
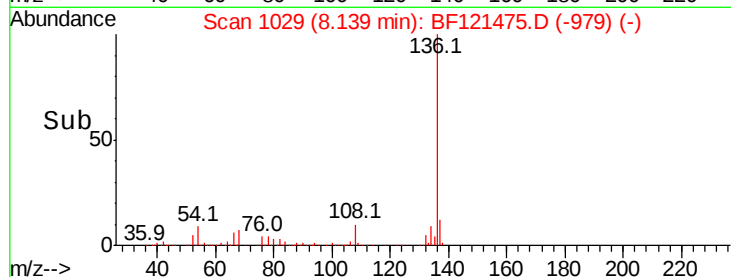


Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.167 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

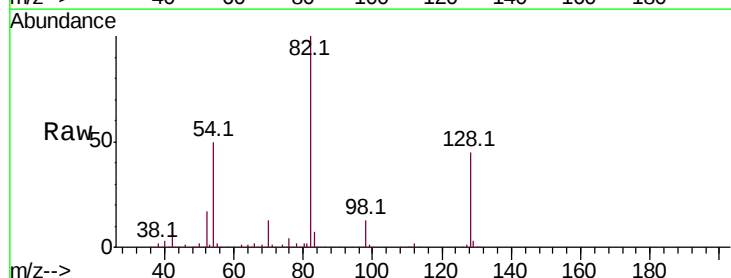
Tgt Ion: 82 Resp: 1709548

Ion Ratio Lower Upper

82 100

128 45.2 34.1 51.1

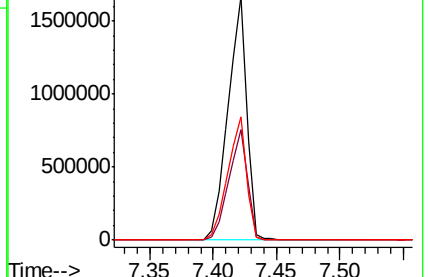
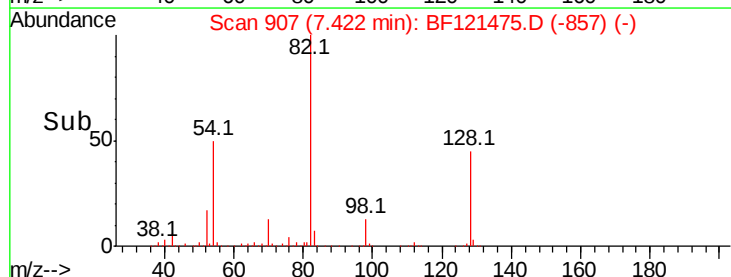
54 50.5 41.0 61.6

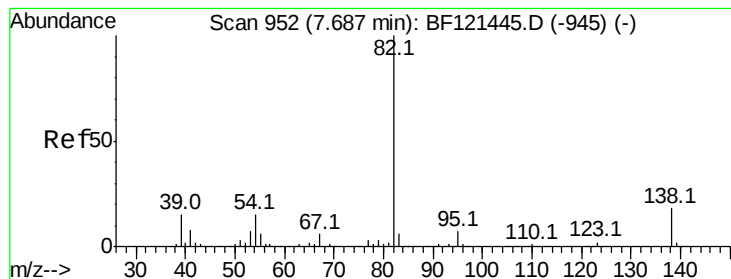


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.397 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

BNA_F

ClientSampleId :

PB131291BL

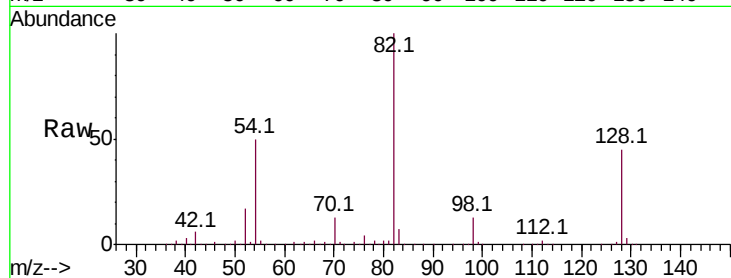
Tot Ion: 82 Resp: 1695226

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

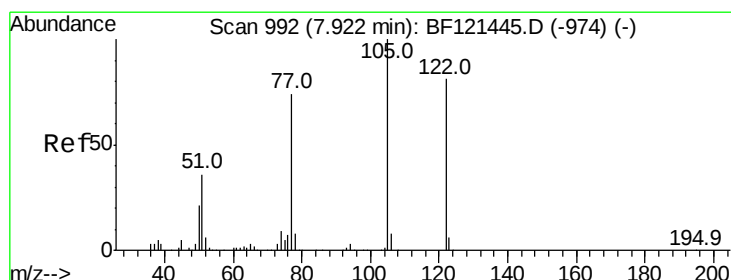
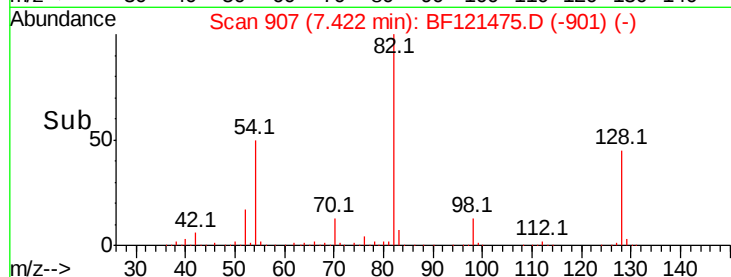
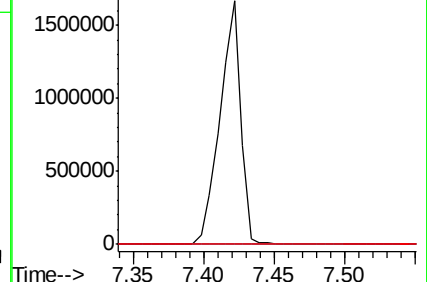
138 0.0 14.8 22.2#



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



#32

Benzoic acid

Concen: 6.675 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.22 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

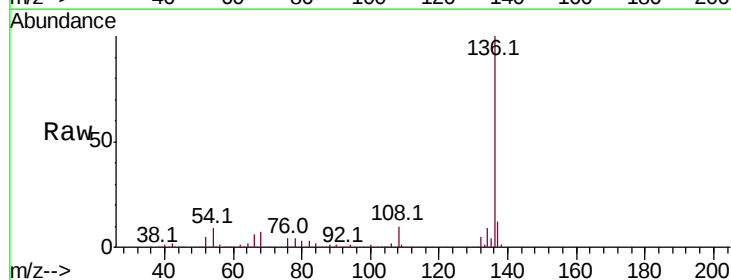
Tgt Ion:122 Resp: 124

Ion Ratio Lower Upper

122 100

105 245.1 100.8 140.8#

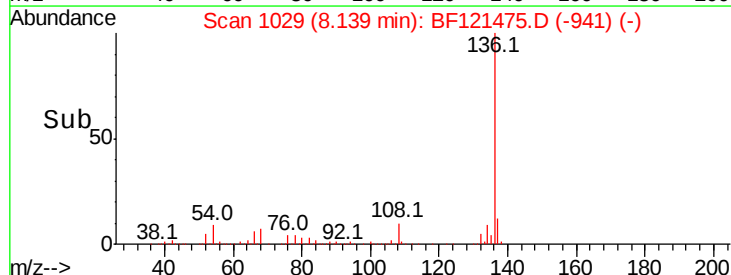
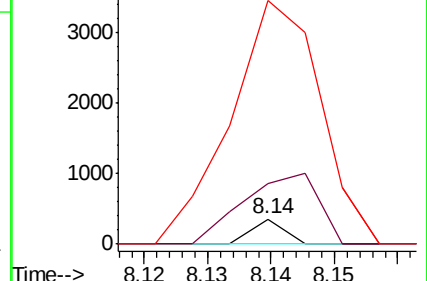
77 984.3 71.5 111.5#

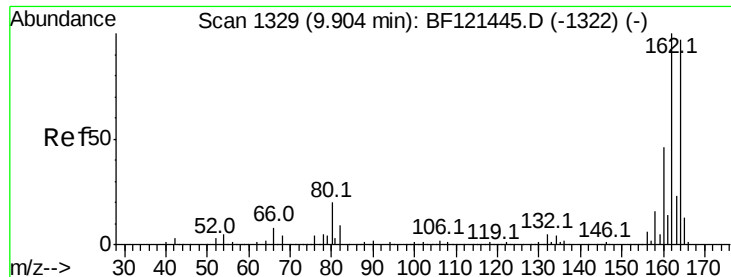


Abundance Ion 122.00 (121.70 to 122.70): BF1

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: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

Instrument :

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ClientSampleId :

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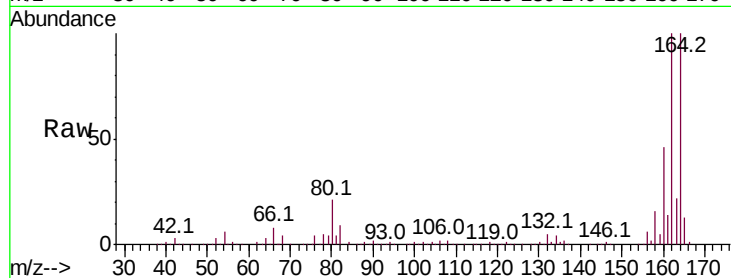
Tot Ion:164 Resp: 637051

Ion Ratio Lower Upper

164 100

162 99.9 82.4 123.6

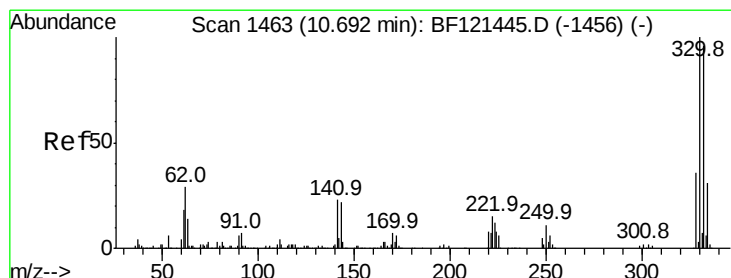
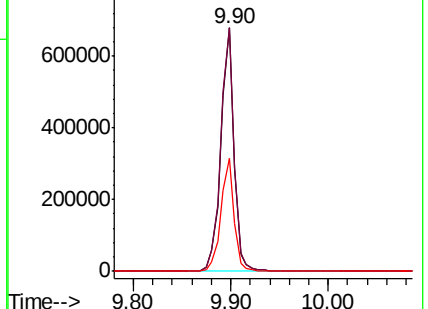
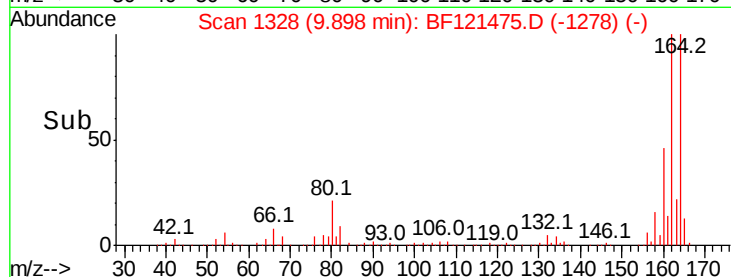
160 46.4 37.6 56.4



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: 127.251 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BF121475.D

Acq: 31 Aug 2020 13:47

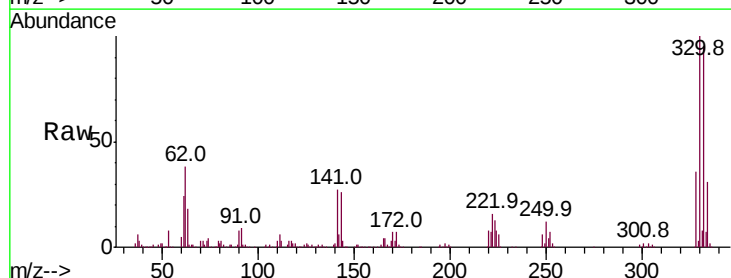
Tgt Ion:330 Resp: 818801

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.2

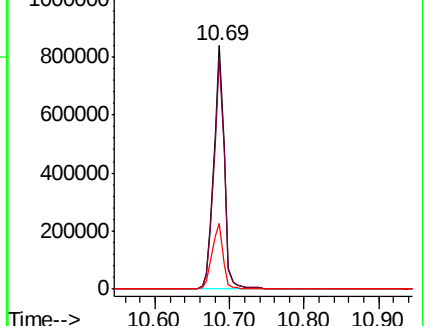
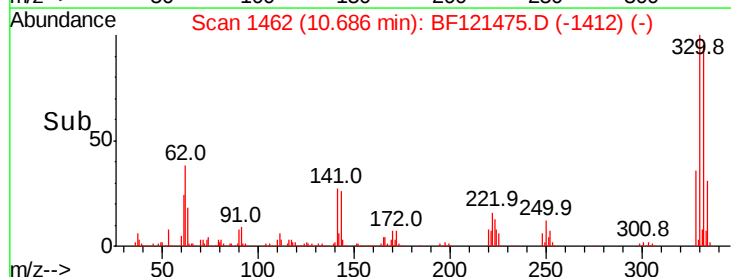
141 28.8 24.6 36.8

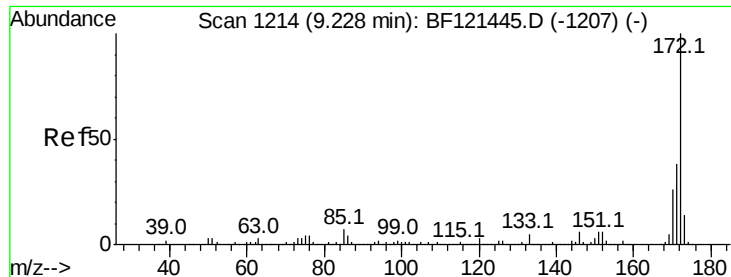


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



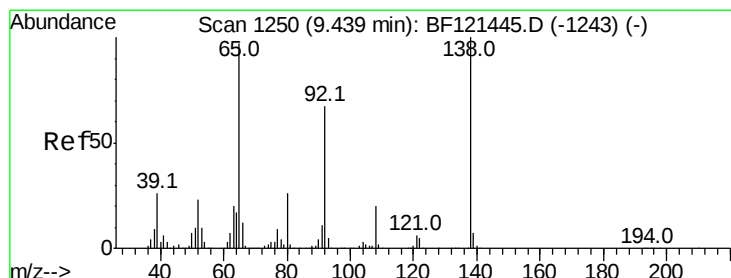
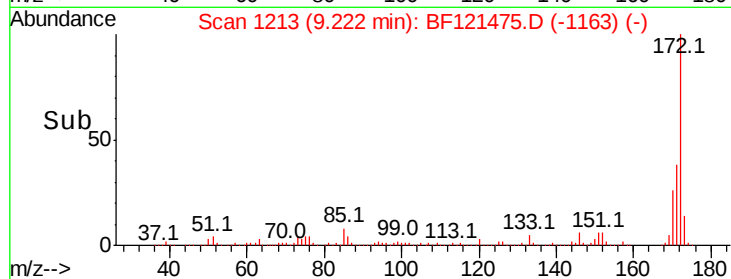
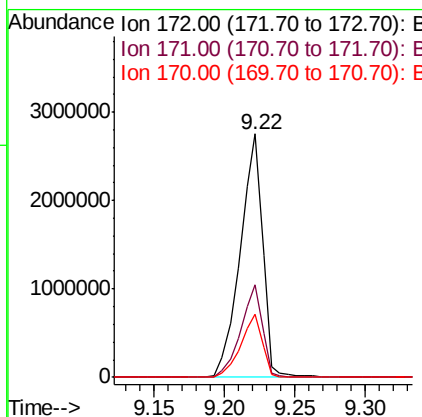
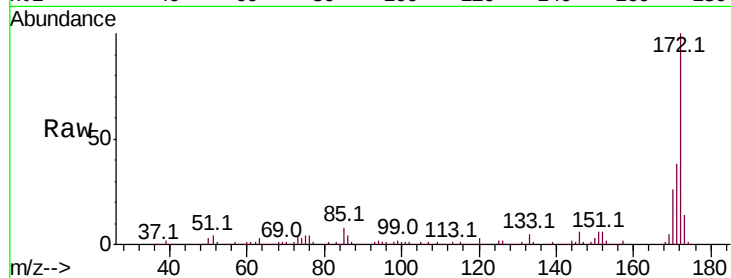


#45
 2-Fluorobiphenyl
 Concen: 77.608 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:172 Resp: 3064104

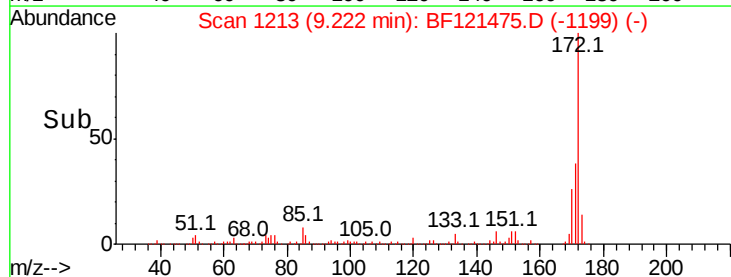
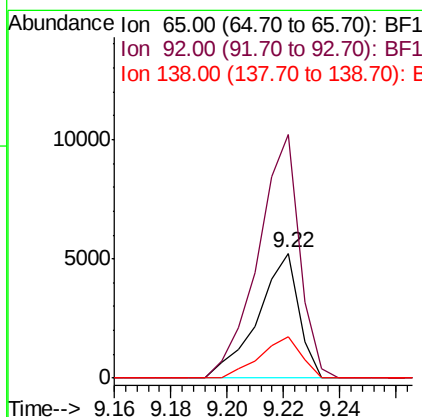
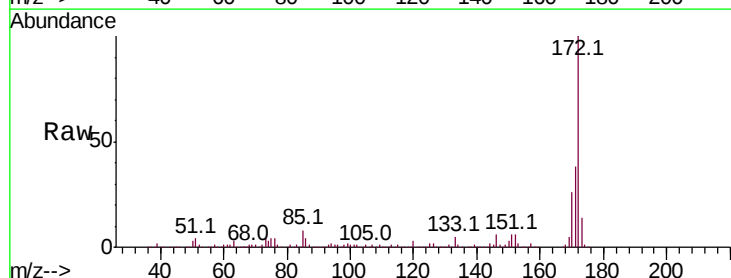
Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.6	45.8
170	25.9	20.6	31.0

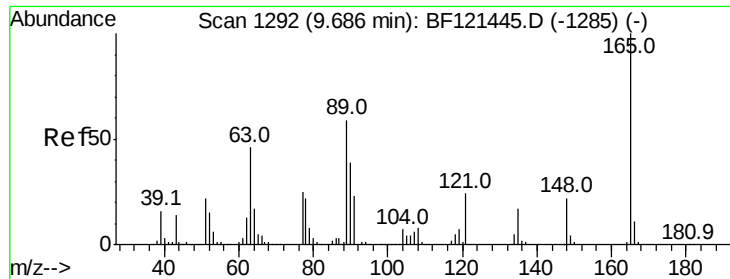


#48
 2-Nitroaniline
 Concen: 7.056 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.22 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion: 65 Resp: 5261

Ion	Ratio	Lower	Upper
65	100		
92	195.3	55.6	83.4#
138	33.5	82.9	124.3#

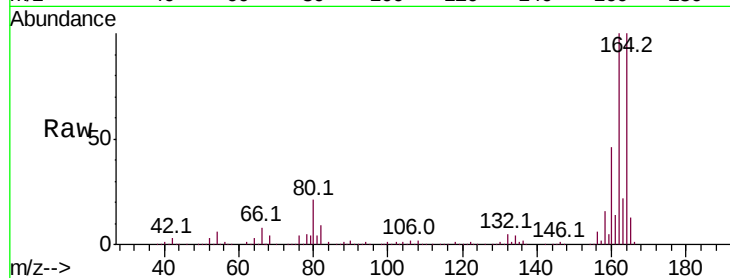




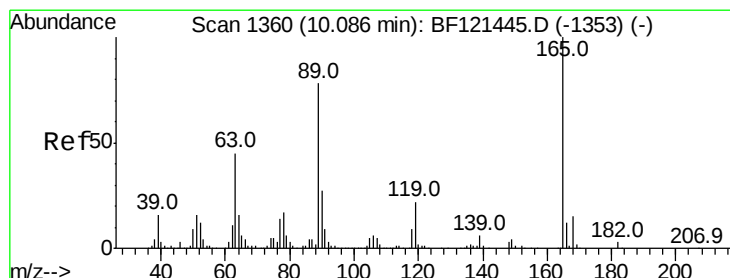
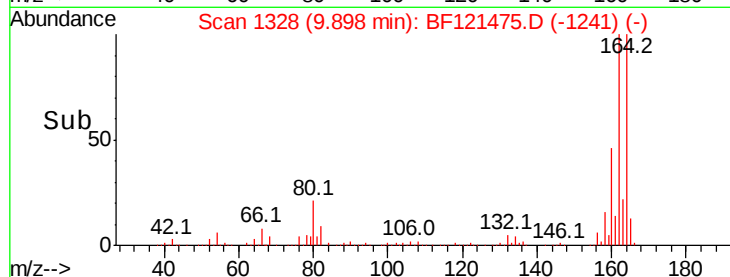
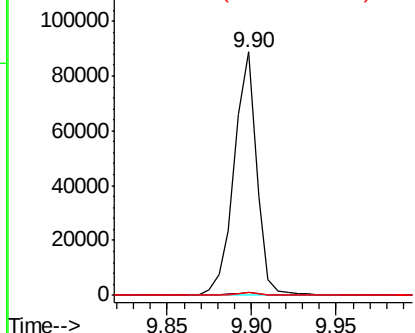
#51
 2,6-Dinitrotoluene
 Concen: 15.147 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	43.6	65.4#
89	1.5	47.4	71.2#

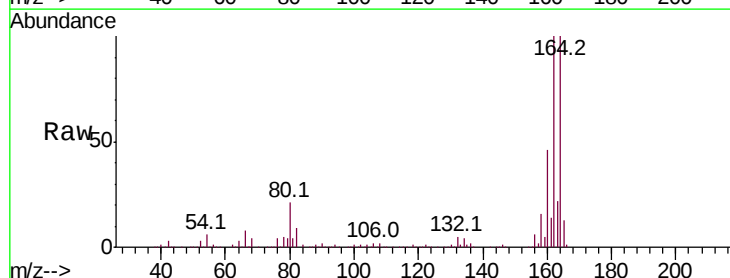


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

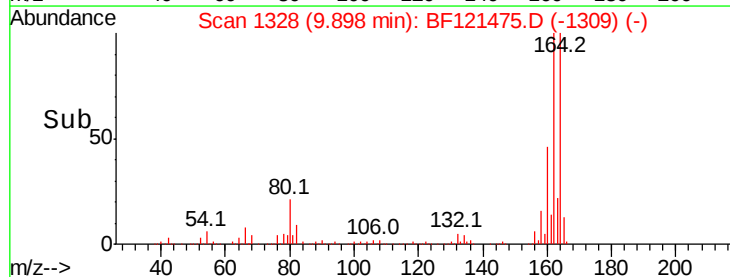
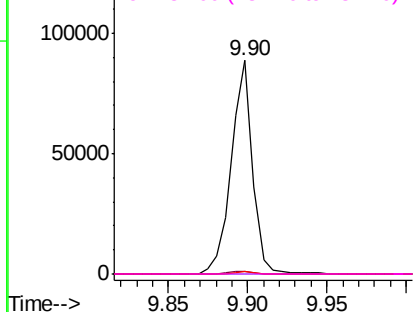


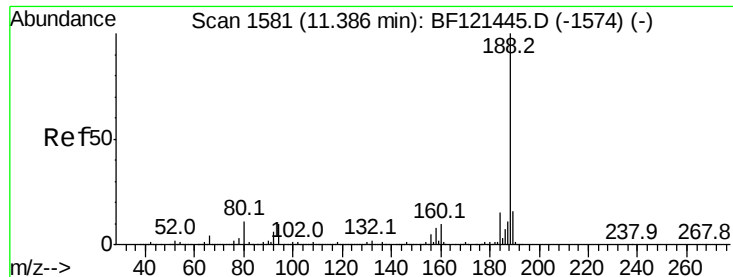
#57
 2,4-Dinitrotoluene
 Concen: 14.220 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.0	54.0#
89	1.5	62.6	93.8#
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

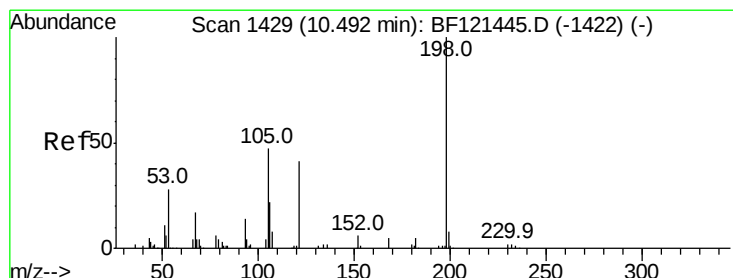
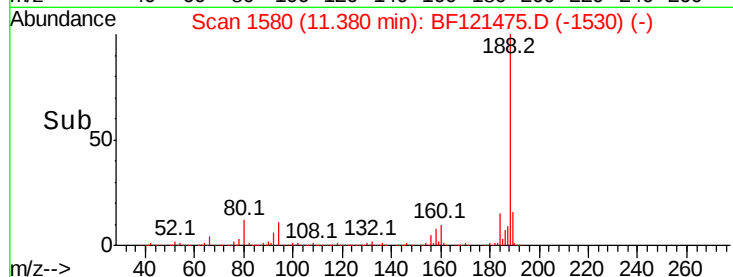
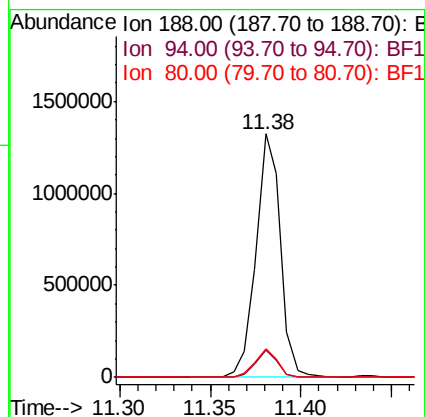
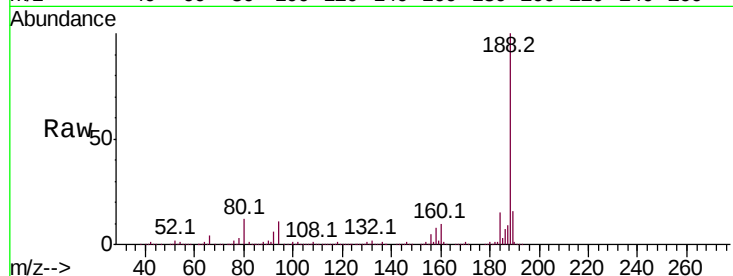




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121475.D
Acq: 31 Aug 2020 13:47

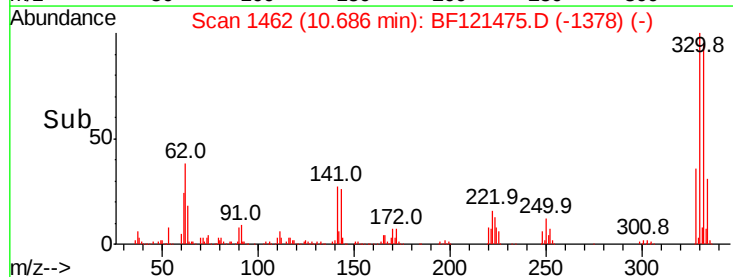
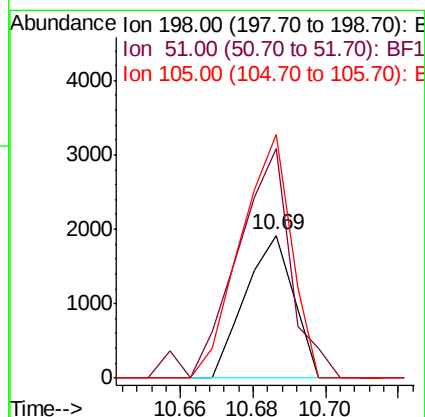
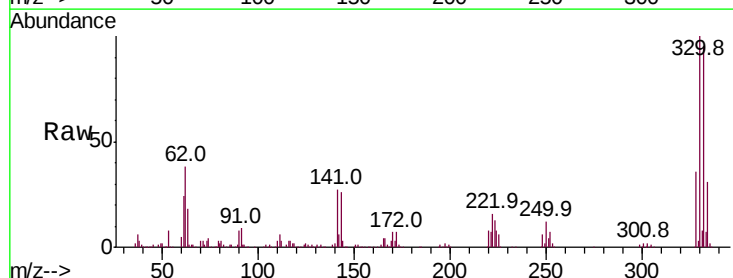
Instrument :
BNA_F
ClientSampleId :
PB131291BL

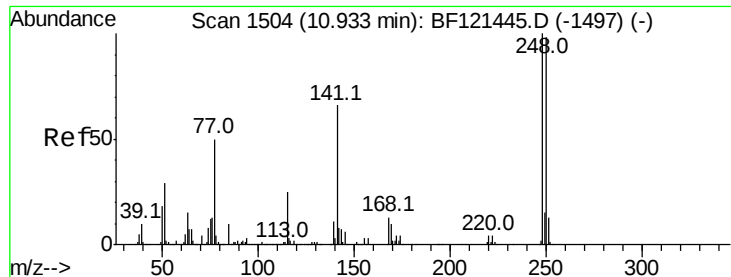
Tot Ion:188 Resp: 1241153
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.9 8.6 13.0



#65
4,6-Dinitro-2-methylphenol
Concen: 6.249 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.19 min
Lab File: BF121475.D
Acq: 31 Aug 2020 13:47

Tgt Ion:198 Resp: 1767
Ion Ratio Lower Upper
198 100
51 160.6 29.0 69.0#
105 170.8 29.1 69.1#

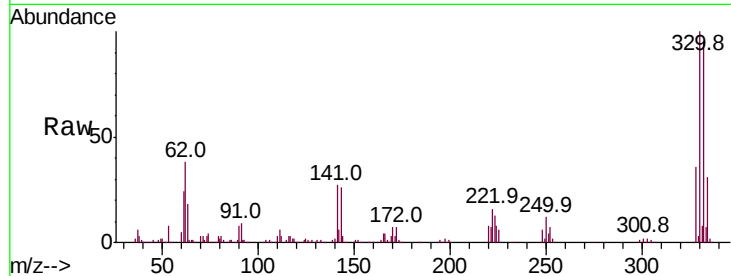




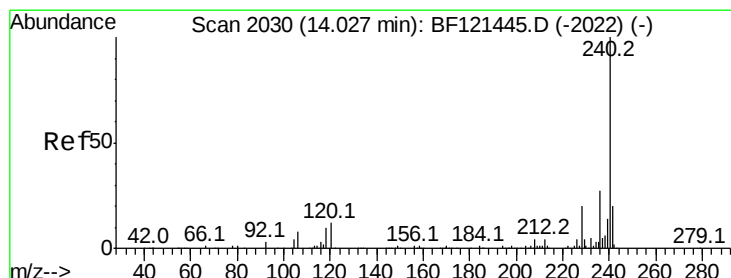
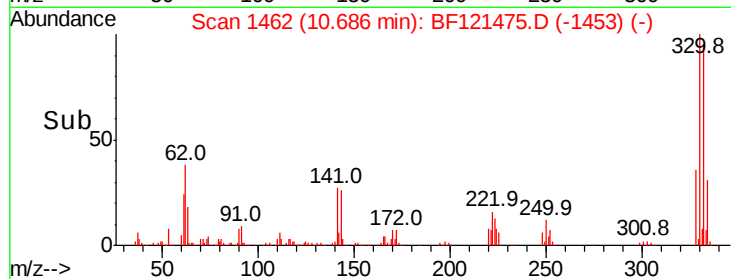
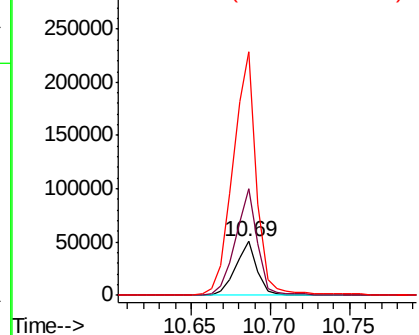
#67
 4-Bromophenyl-phenylether
 Concen: 3.513 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:248 Resp: 47962
 Ion Ratio Lower Upper
 248 100
 250 198.4 78.7 118.1#
 141 453.2 52.6 78.8#

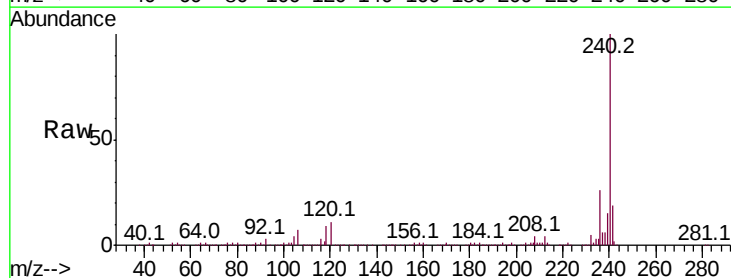


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

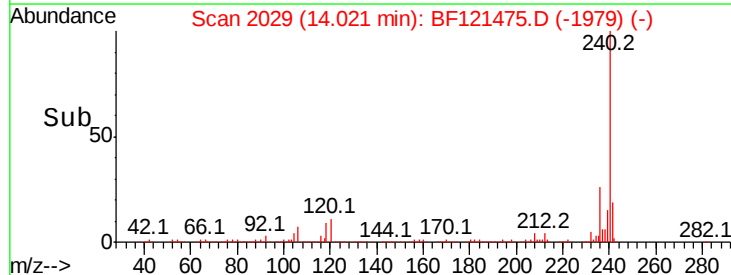
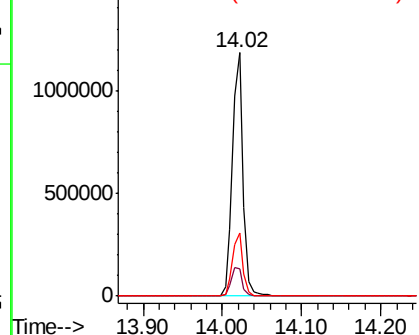


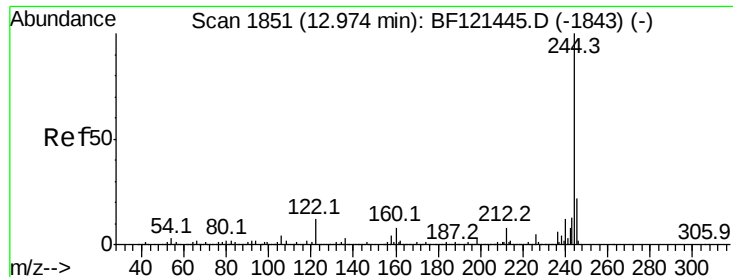
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:240 Resp: 1095252
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.5 14.3
 236 26.1 21.8 32.6



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

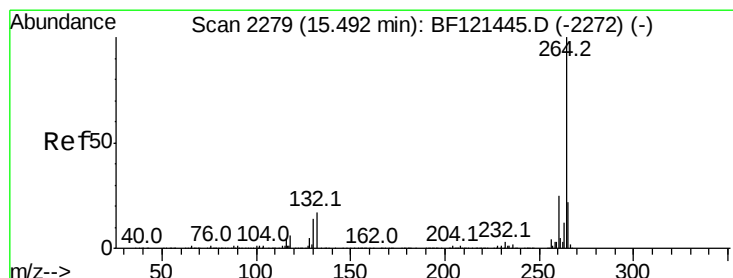
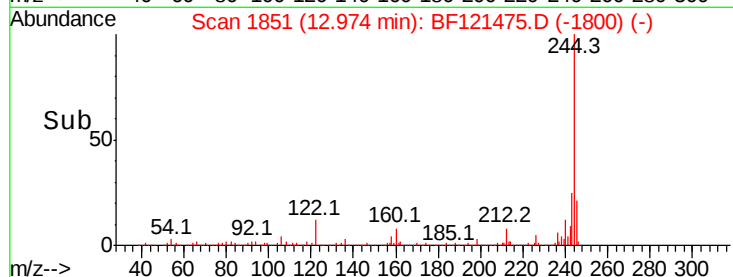
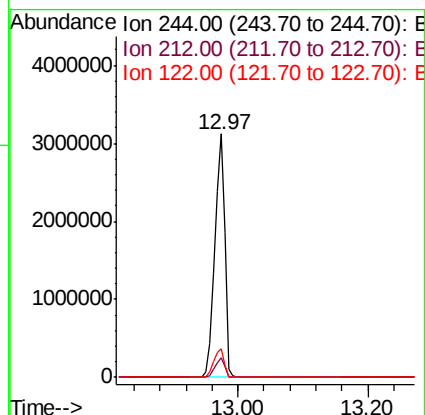
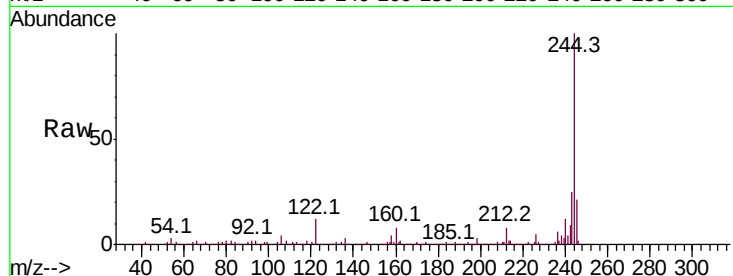




#79
 Terphenyl-d14
 Concen: 63.900 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Instrument :
 BNA_F
 ClientSampleId :
 PB131291BL

Tot Ion:244 Resp: 3324869
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 11.8 9.5 14.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF121475.D
 Acq: 31 Aug 2020 13:47

Tgt Ion:264 Resp: 1109195
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.6 29.4
 265 21.8 17.8 26.6

