

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121085.D
 Acq On : 28 Jul 2020 23:27
 Operator : JU/CG
 Sample : L3404-02 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Jul 29 00:49:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	172679	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	671521	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	356688	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	699435	20.00	ng	0.00
76) Chrysene-d12	13.97	240	566302	20.00	ng	0.00
86) Perylene-d12	15.43	264	489109	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	78271	7.43	ng	0.07
7) Phenol-d6	6.45	99	3383	0.25	ng	0.00
23) Nitrobenzene-d5	7.39	82	197918	17.05	ng	0.01
42) 2,4,6-Tribromophenol	10.64	330	57091	14.62	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	474387	19.86	ng	0.00
79) Terphenyl-d14	12.92	244	537892	20.65	ng	0.00

Target Compounds

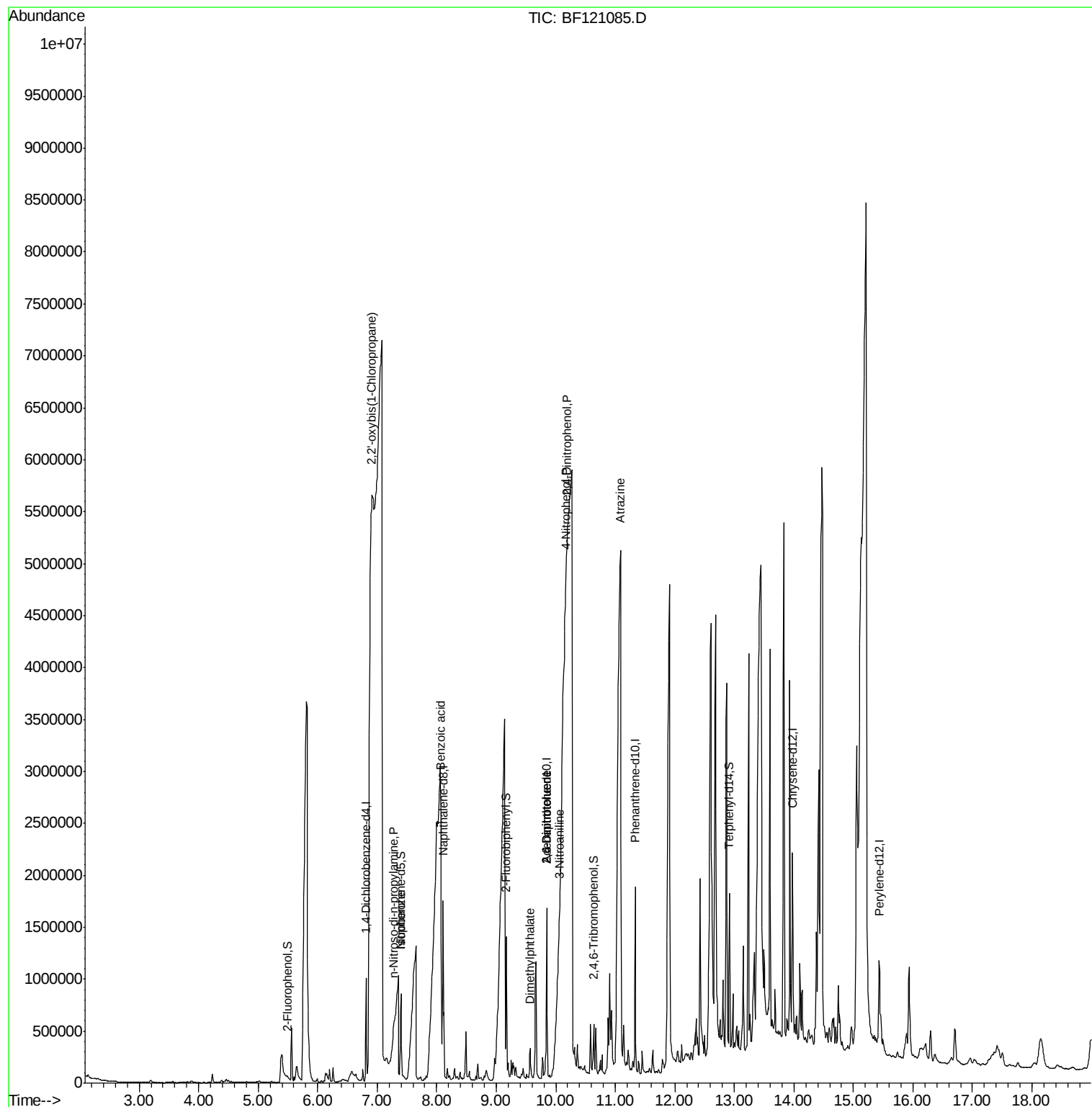
						Qvalue
9) Benzaldehyde	6.36	77	1173	Below Cal	#	84
16) 2,2'-oxybis(1-Chloropropan	6.90	45	134126	8.112 ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	45045	5.822 ng	#	54
25) Isophorone	7.39	82	197918	8.545 ng	#	63
32) Benzoic acid	8.07	122	142539	19.687 ng		98
50) Dimethylphthalate	9.57	163	61060	2.373 ng		99
51) 2,6-Dinitrotoluene	9.85	165	46597	8.429 ng	#	24
53) 3-Nitroaniline	10.05	138	24911	3.593 ng	#	9
54) 2,4-Dinitrophenol	10.17	184	2147	7.450 ng	#	16
56) 4-Nitrophenol	10.16	139	20578	3.907 ng	#	67
57) 2,4-Dinitrotoluene	9.85	165	46597	6.418 ng	#	28
69) Atrazine	11.07	200	15859	2.910 ng	#	45

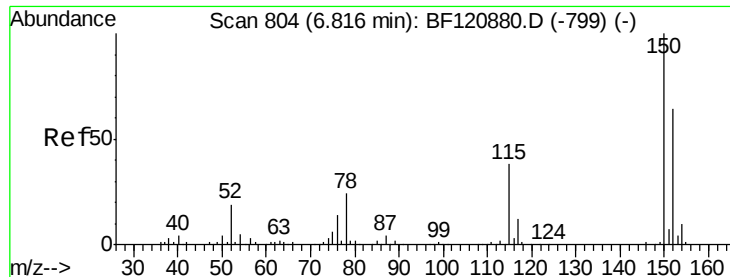
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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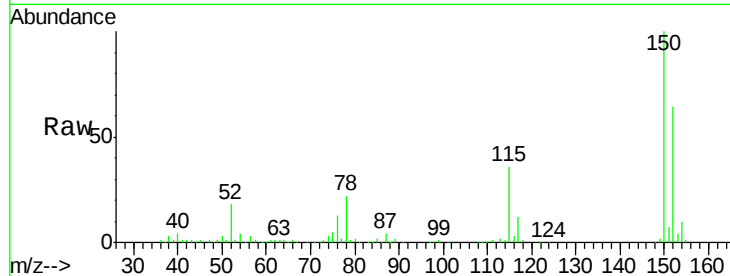


#1

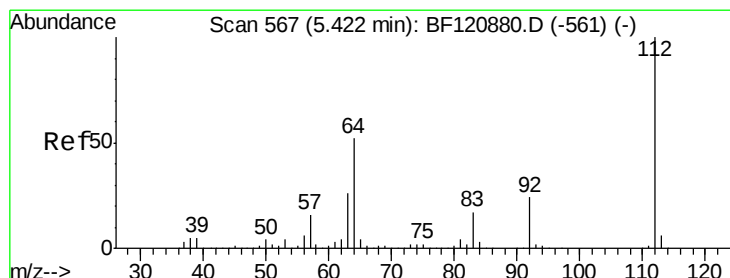
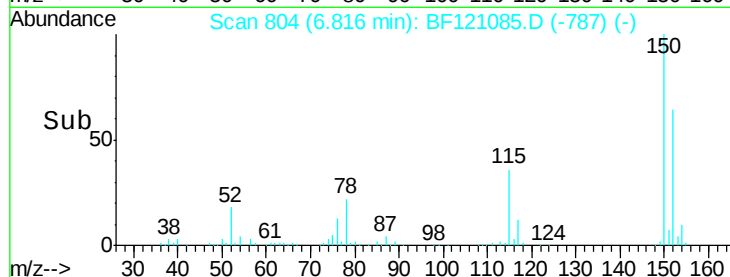
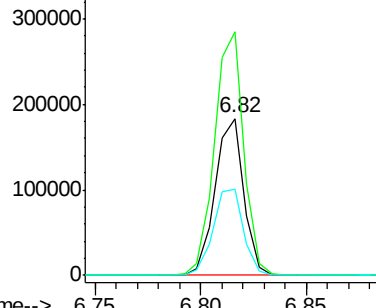
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:152 Resp: 172679
Ion Ratio Lower Upper
152 100
150 155.5 125.0 187.6
115 55.4 47.0 70.4



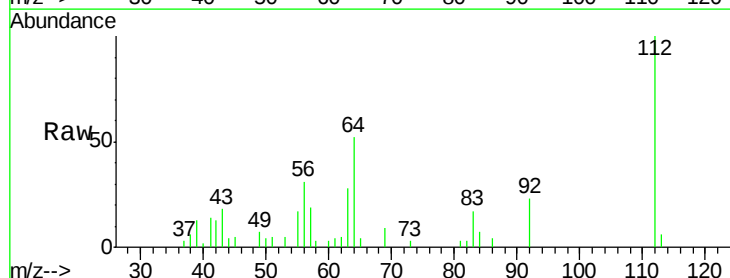
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



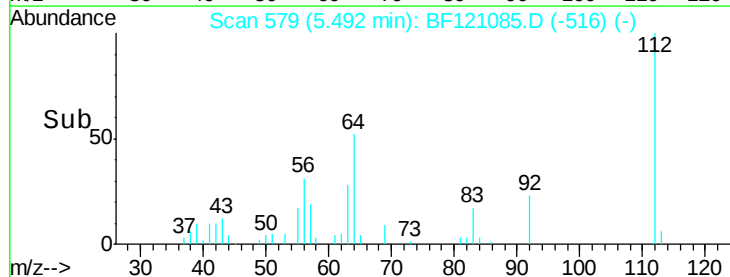
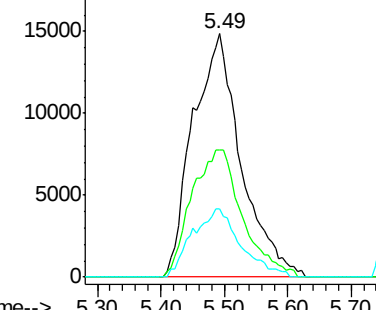
#5

2-Fluorophenol
Concen: 7.431 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.07 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion:112 Resp: 78271
Ion Ratio Lower Upper
112 100
64 52.4 41.3 61.9
63 28.2 21.1 31.7



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: 0.249 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

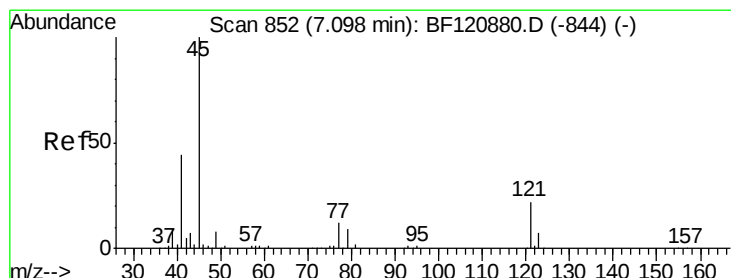
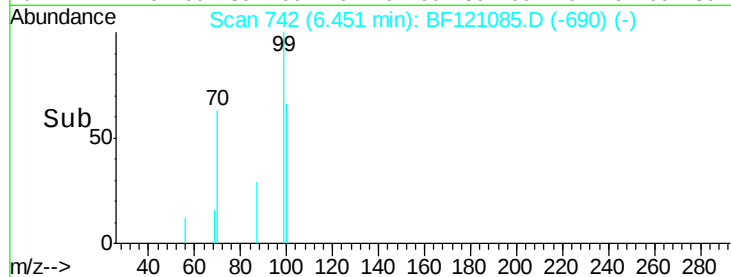
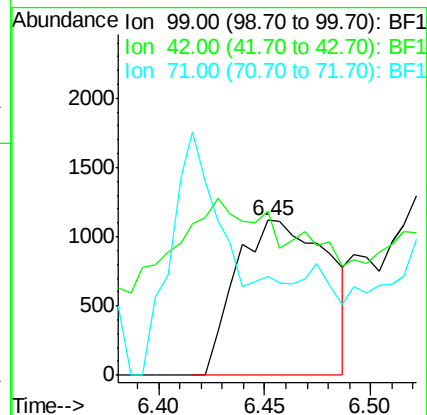
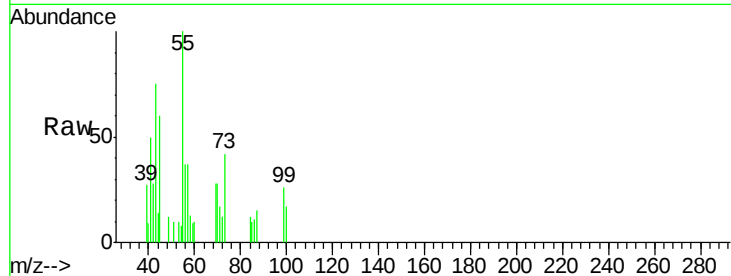
Tot Ion: 99 Resp: 3383

Ion Ratio Lower Upper

99 100

42 106.2 13.1 19.7#

71 64.2 24.2 36.4#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.112 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.20 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

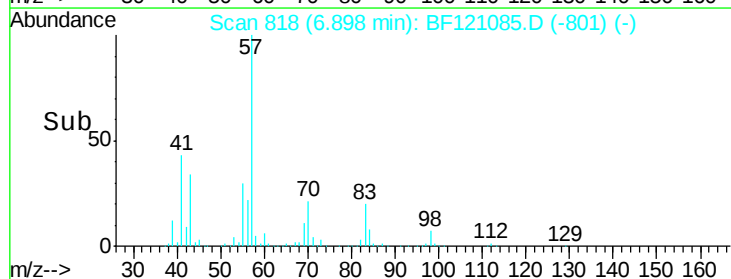
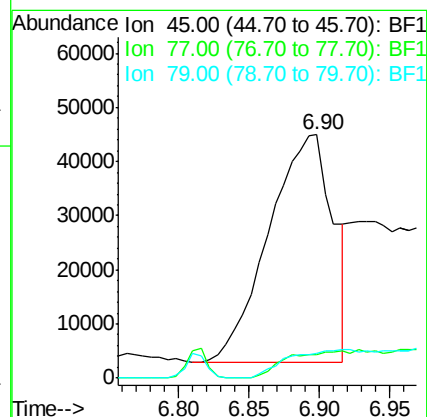
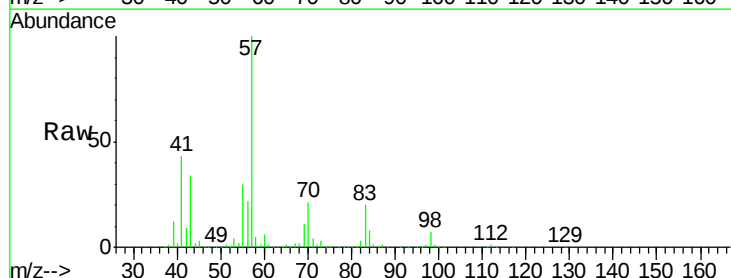
Tgt Ion: 45 Resp: 134126

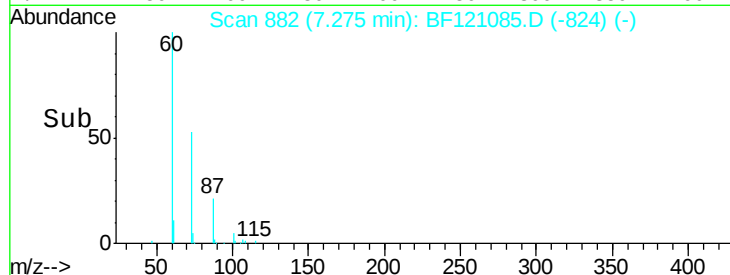
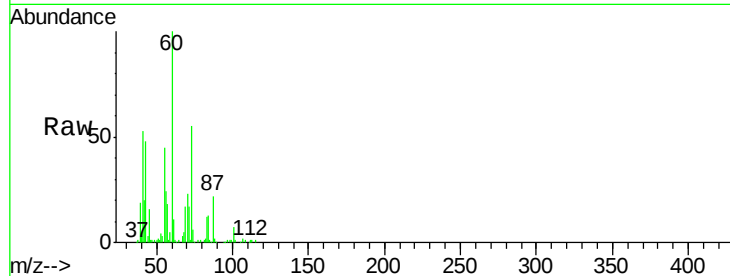
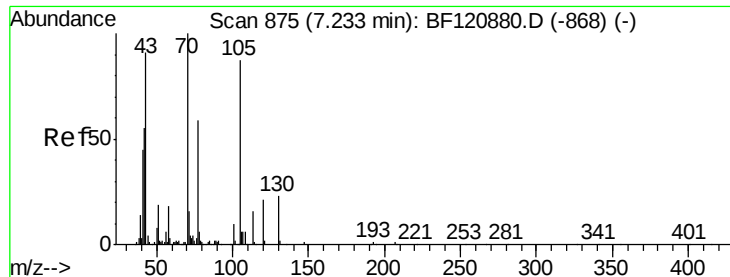
Ion Ratio Lower Upper

45 100

77 9.8 0.0 34.3

79 10.4 0.0 31.0

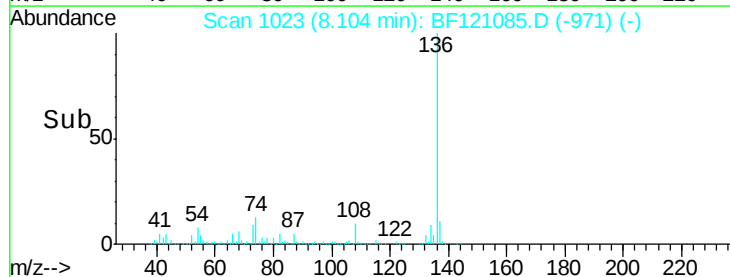
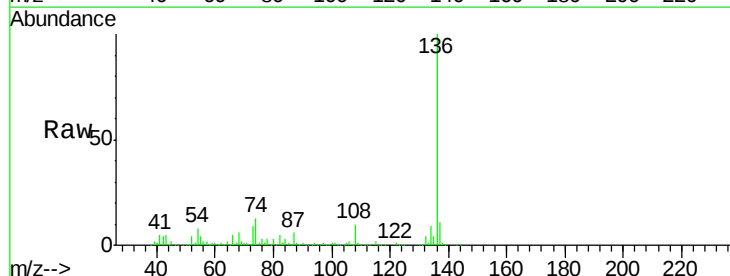
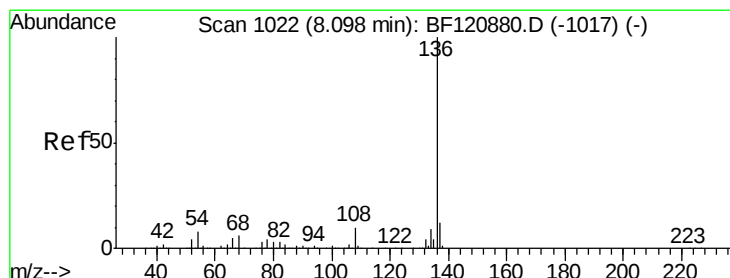
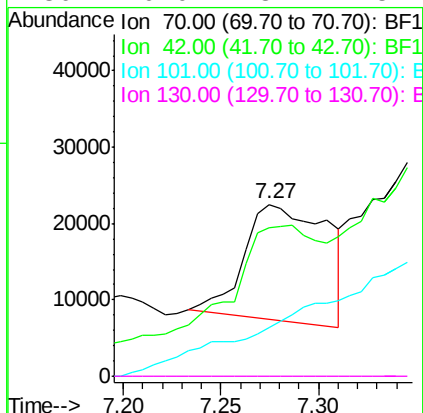




#19
n-Nitroso-di-n-propylamine
Concen: 5.822 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.04 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

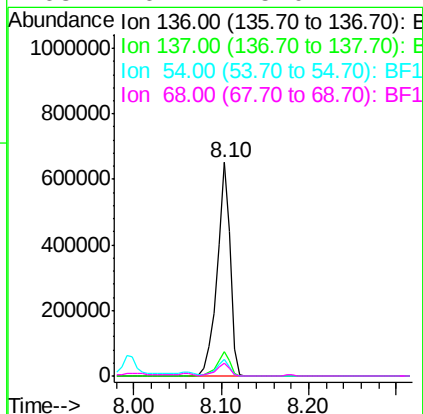
Instrument :
BNA_F
ClientSampled :
EFF-WW

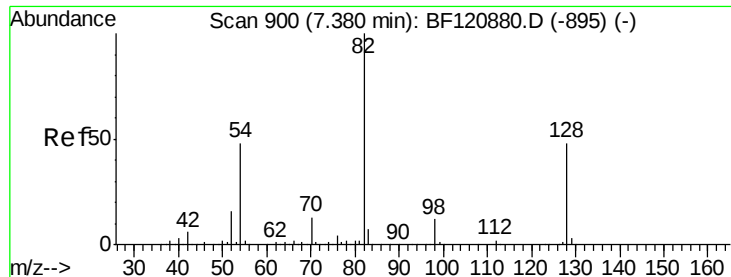
Tot Ion:	70	Resp:	45045
Ion	Ratio	Lower	Upper
70	100		
42	86.8	44.0	66.0#
101	28.6	7.8	11.6#
130	0.0	18.7	28.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion:	136	Resp:	671521
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.3	13.9
54	7.6	6.3	9.5
68	6.2	5.0	7.4

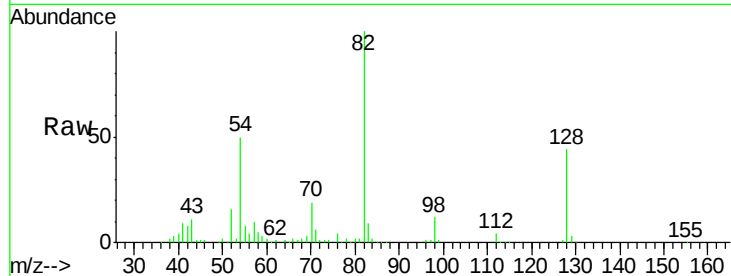




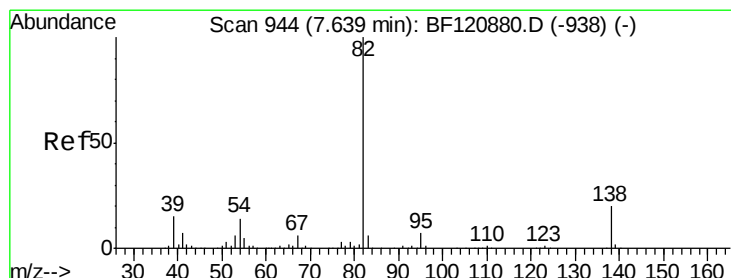
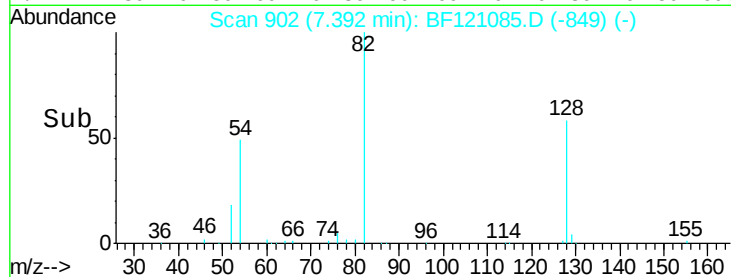
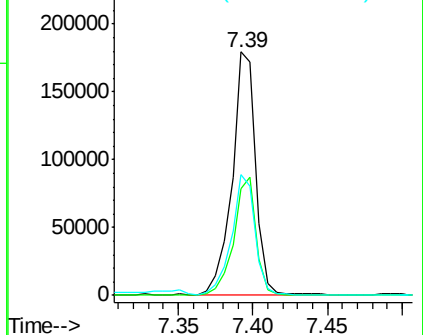
#23
Nitrobenzene-d5
Concen: 17.054 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	82	Resp	197918
Ion Ratio	Lower	Upper	
82	100		
128	43.7	38.2	57.4
54	49.8	38.7	58.1

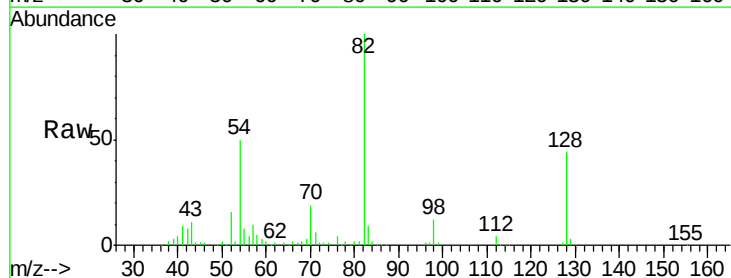


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

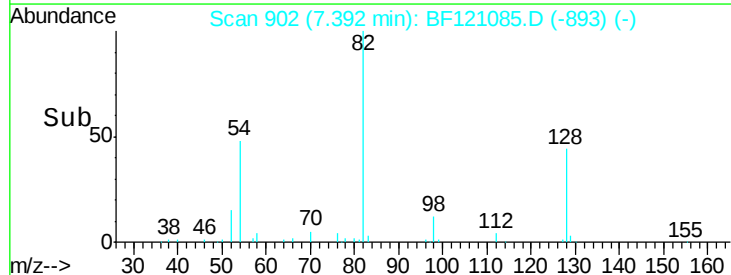
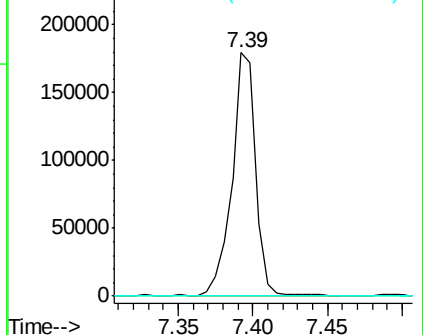


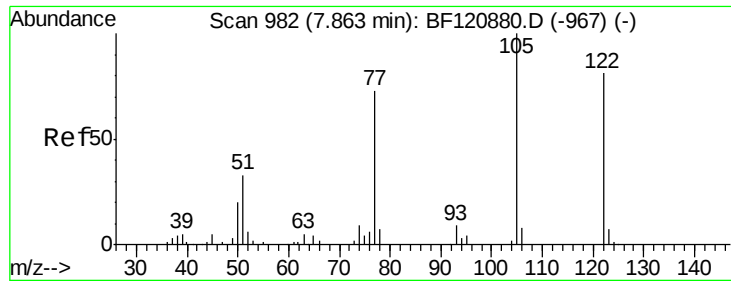
#25
Isophorone
Concen: 8.545 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.25 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion	82	Resp	197918
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.5	8.3#
138	0.0	15.6	23.4#



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

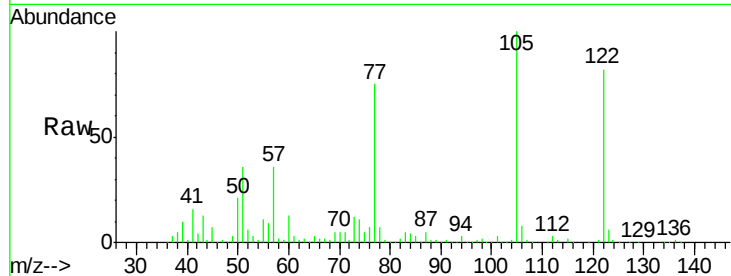




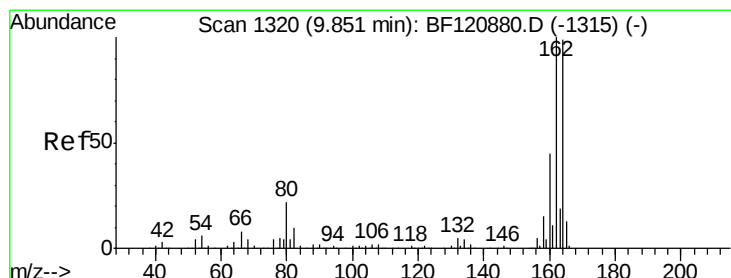
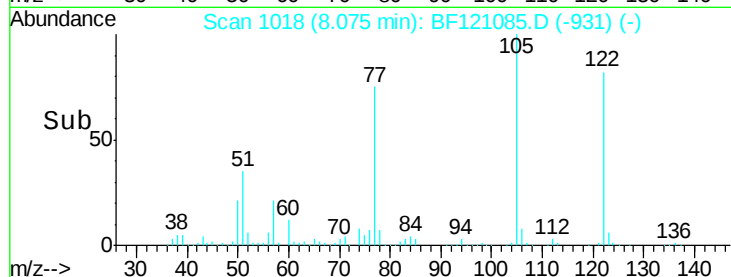
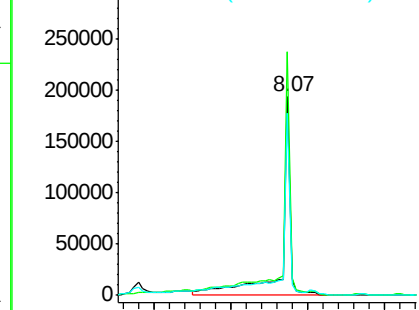
#32
Benzoic acid
Concen: 19.687 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.21 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:122 Resp: 142539
Ion Ratio Lower Upper
122 100
105 122.7 101.3 141.3
77 91.8 69.1 109.1

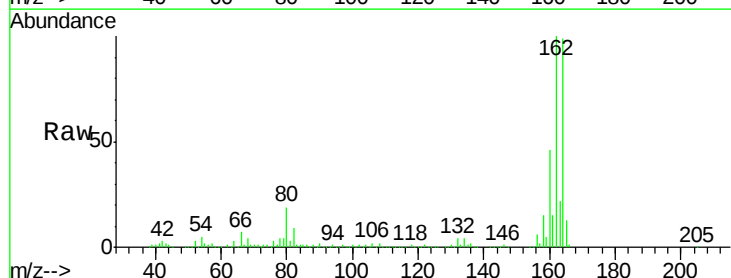


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

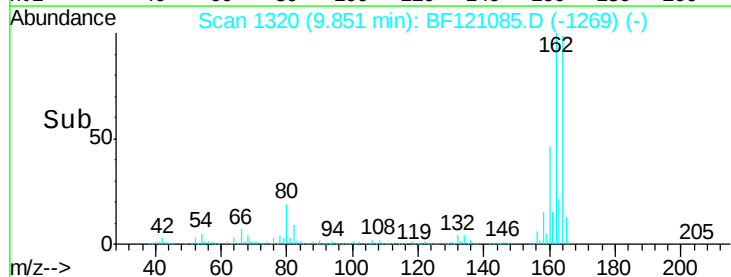
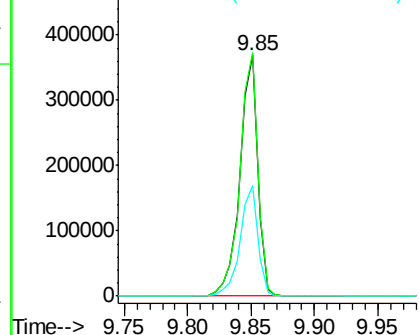


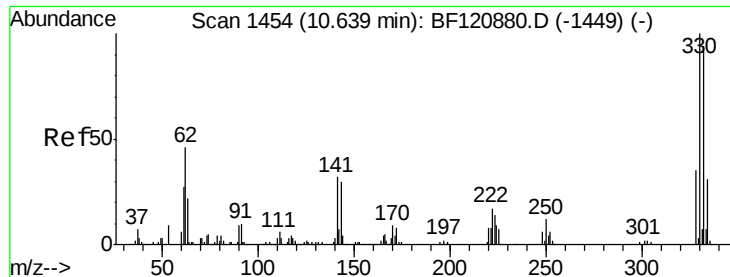
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion:164 Resp: 356688
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 46.1 36.9 55.3



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

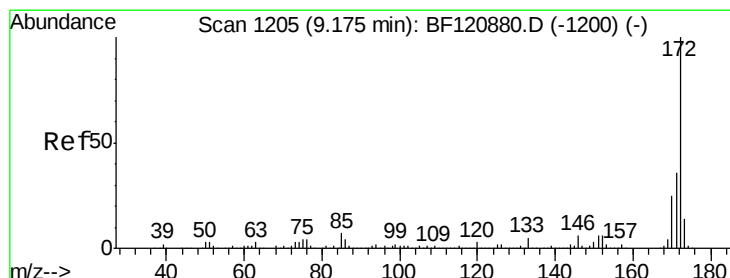
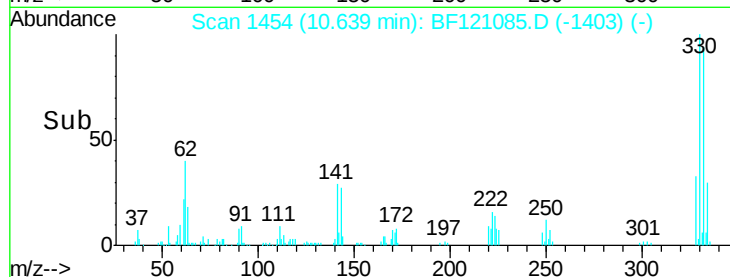
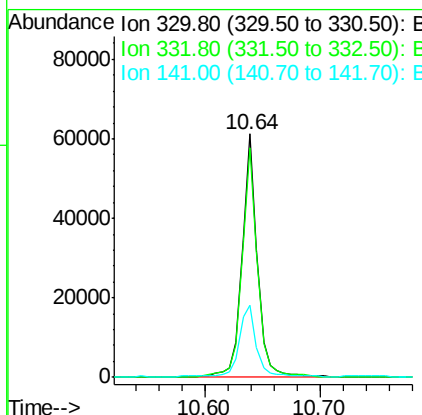
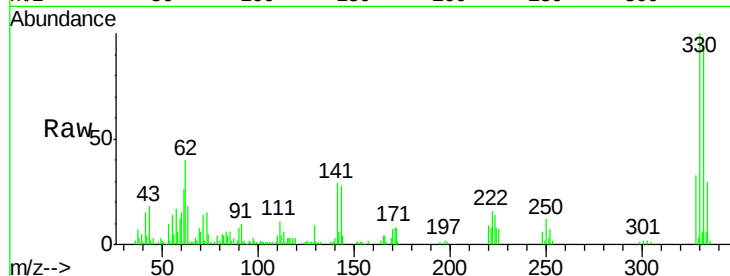




#42
 2,4,6-Tribromophenol
 Concen: 14.623 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121085.D
 Acq: 28 Jul 2020 23:27

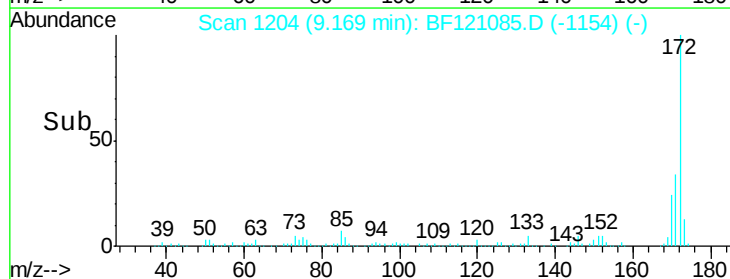
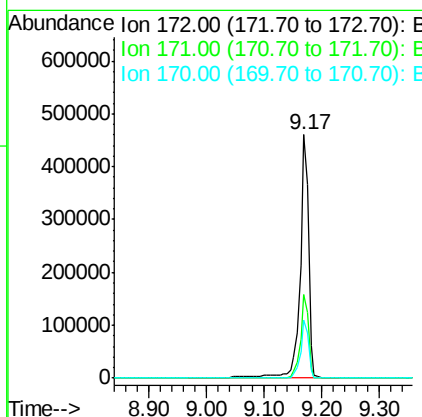
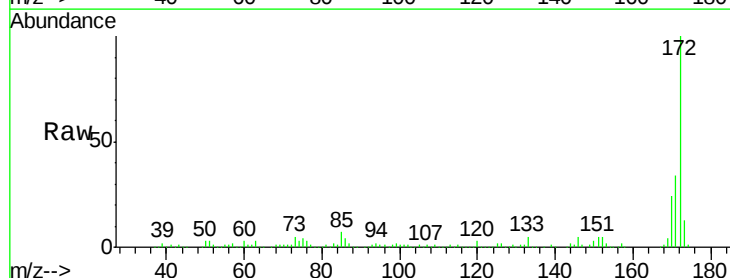
Instrument :
 BNA_F
 ClientSampleId :
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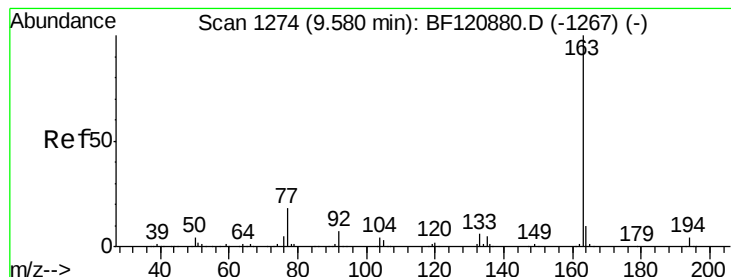
Tot Ion:330 Resp: 57091
 Ion Ratio Lower Upper
 330 100
 332 95.4 75.5 113.3
 141 34.3 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 19.857 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121085.D
 Acq: 28 Jul 2020 23:27

Tgt Ion:172 Resp: 474387
 Ion Ratio Lower Upper
 172 100
 171 34.5 29.0 43.4
 170 23.6 19.6 29.4





#50

Dimethylphthalate

Concen: 2.373 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

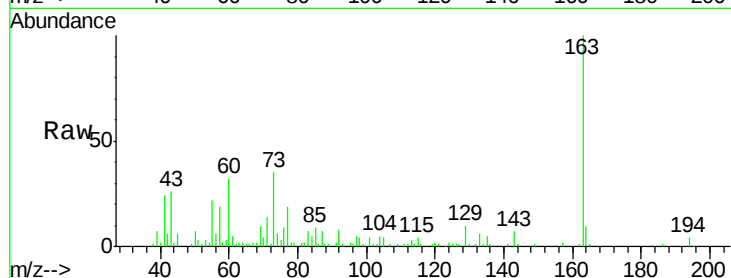
Tot Ion:163 Resp: 61060

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

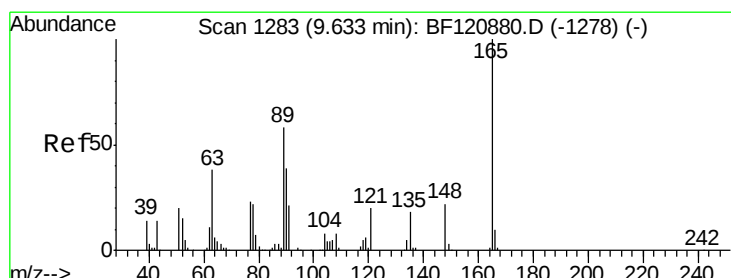
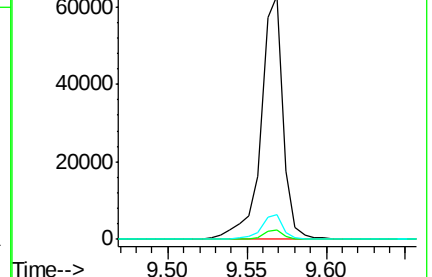
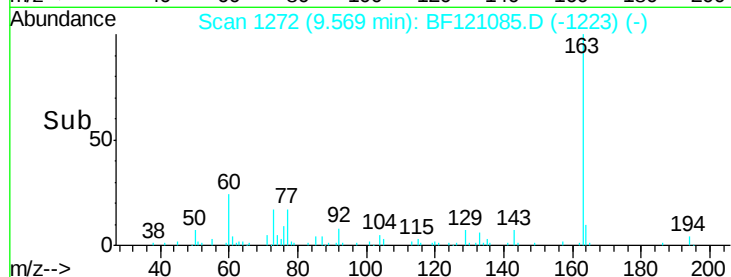
164 10.2 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 8.429 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.22 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

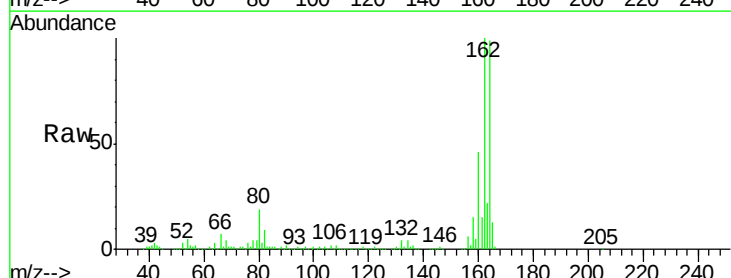
Tgt Ion:165 Resp: 46597

Ion Ratio Lower Upper

165 100

63 1.2 45.4 68.2#

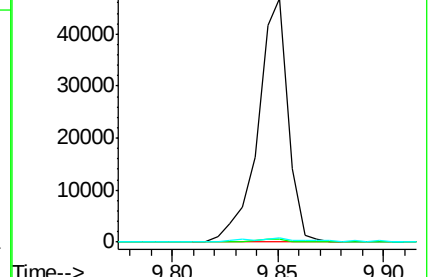
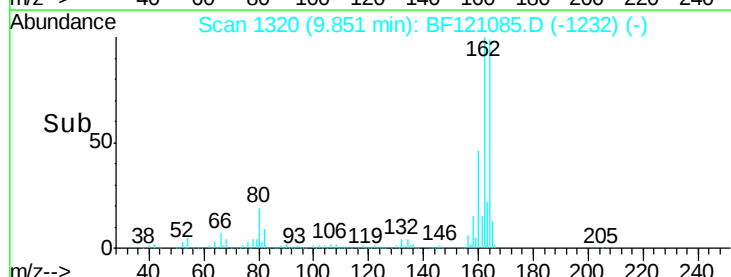
89 1.7 47.0 70.4#

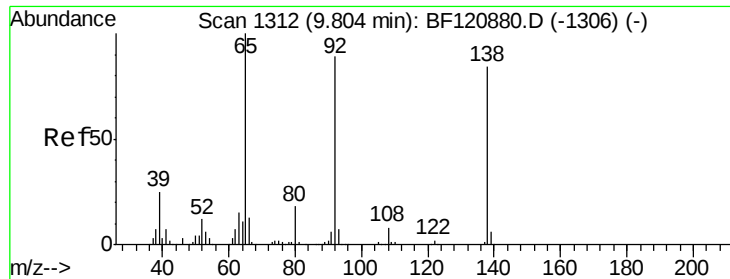


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#53

3-Nitroaniline

Concen: 3.593 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.25 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Instrument :

BNA_F

ClientSampleId :

EFF-WW

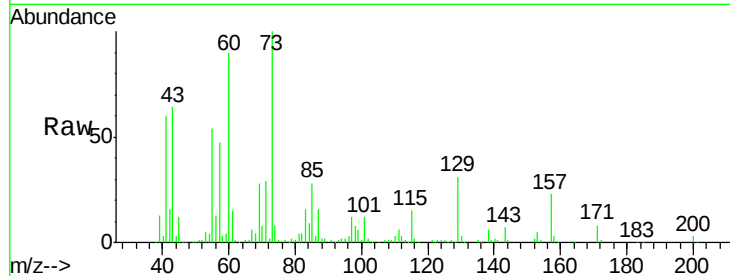
Tot Ion:138 Resp: 24911

Ion Ratio Lower Upper

138 100

108 8.3 7.9 11.9

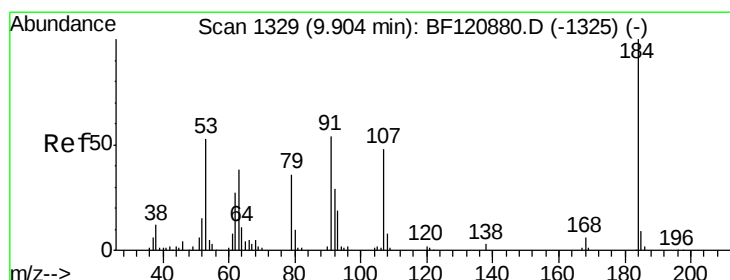
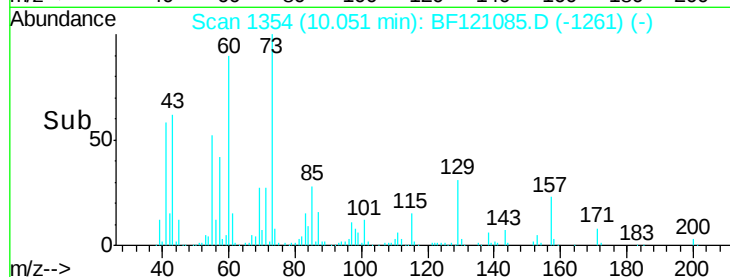
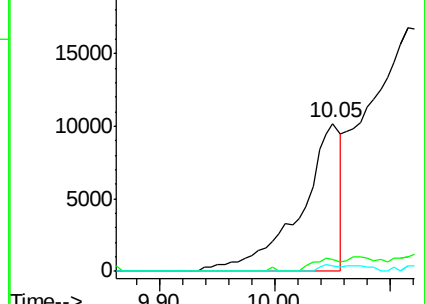
92 4.2 85.3 127.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 7.450 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.27 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

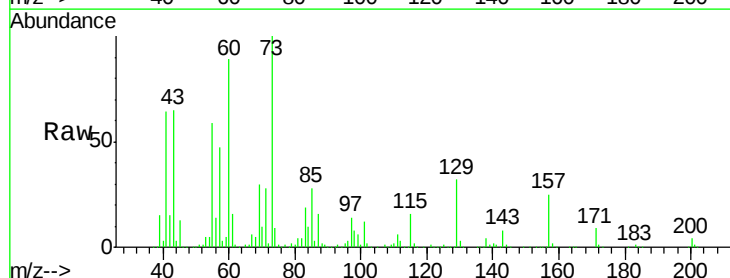
Tgt Ion:184 Resp: 2147

Ion Ratio Lower Upper

184 100

63 155.2 57.9 86.9#

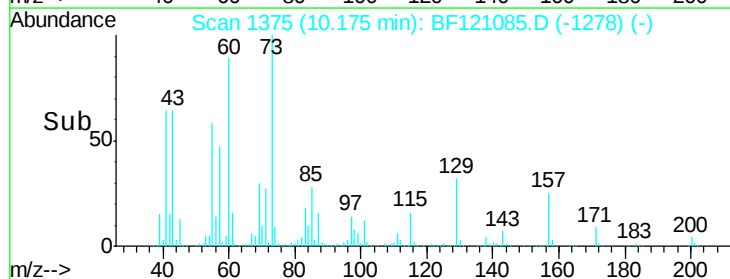
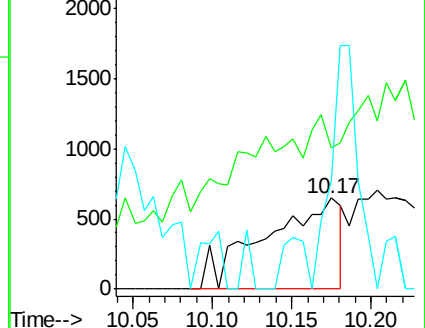
154 118.5 52.6 78.8#

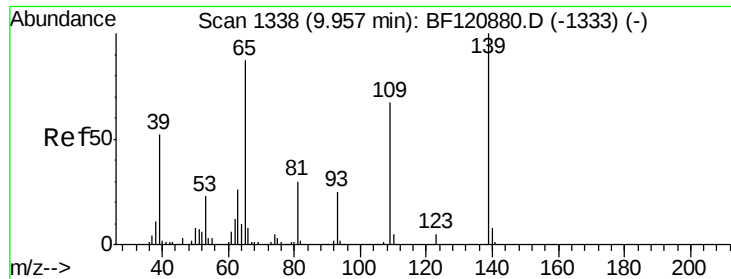


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

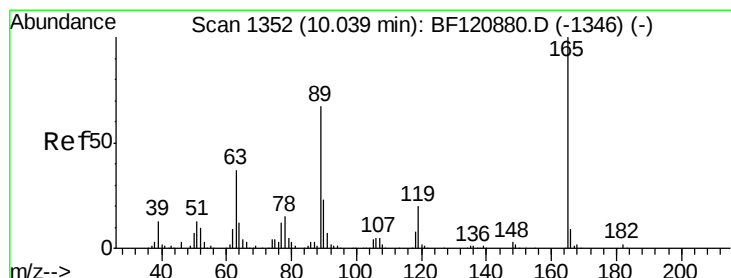
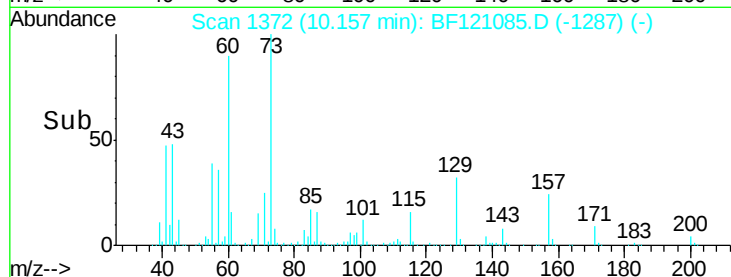
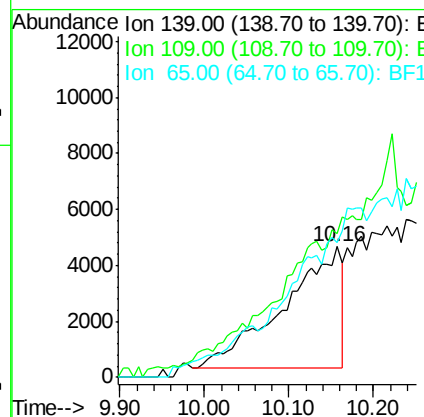
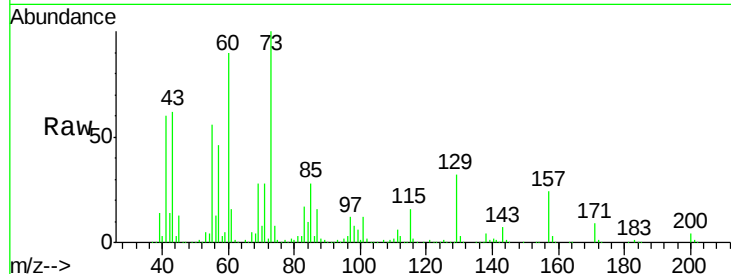




#56
4-Nitrophenol
Concen: 3.907 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.20 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

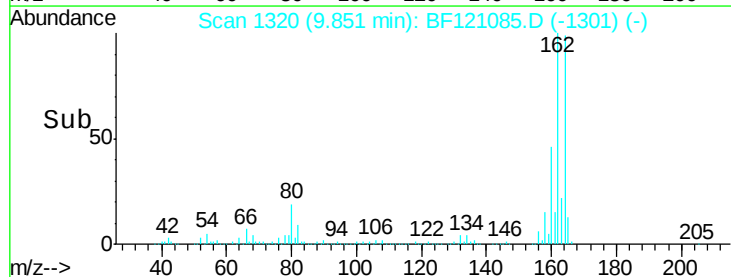
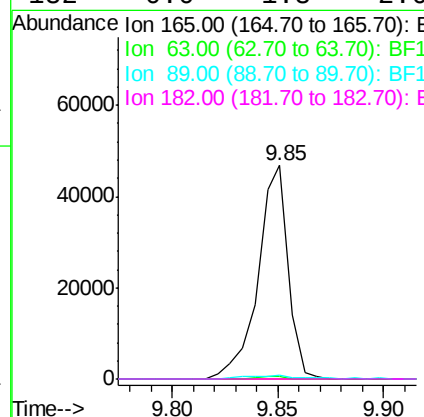
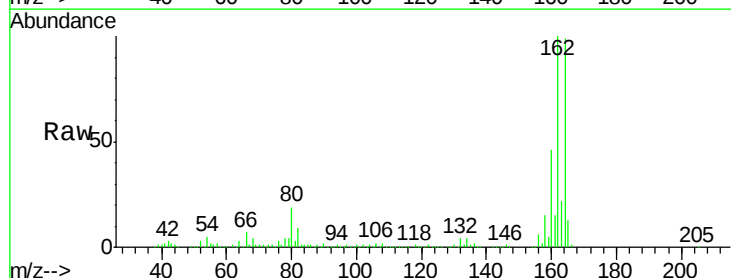
Instrument :
BNA_F
ClientSampled :
EFF-WW

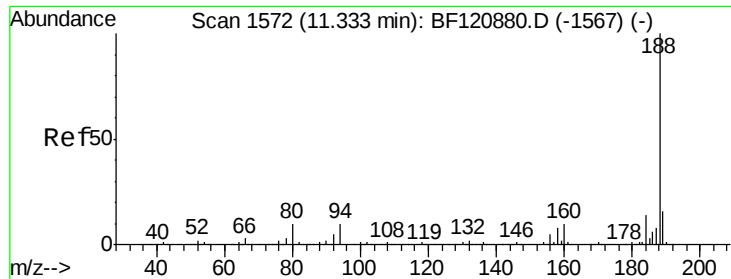
Tot Ion:139 Resp: 20578
Ion Ratio Lower Upper
139 100
109 110.2 47.3 87.3#
65 102.8 67.2 107.2



#57
2,4-Dinitrotoluene
Concen: 6.418 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion:165 Resp: 46597
Ion Ratio Lower Upper
165 100
63 1.2 29.4 44.2#
89 1.7 53.4 80.0#
182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

Instrument :

BNA_F

ClientSampled :

EFF-WW

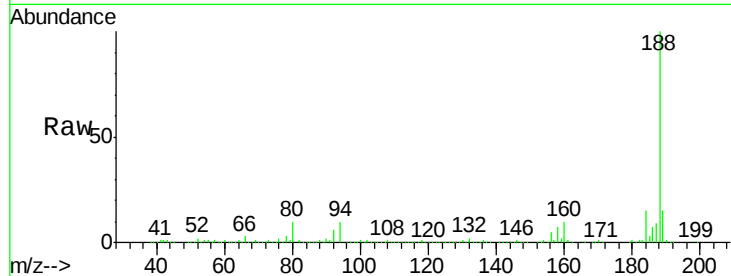
Tot Ion:188 Resp: 699435

Ion Ratio Lower Upper

188 100

94 9.9 8.0 12.0

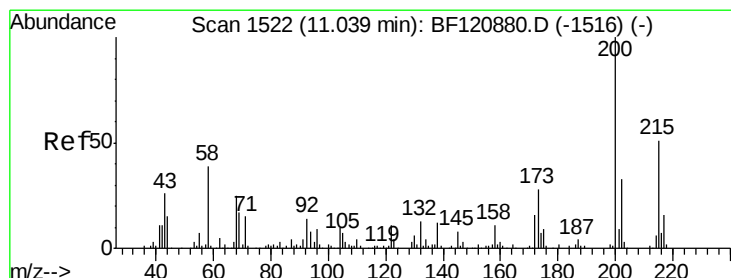
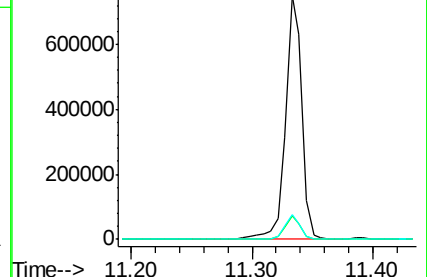
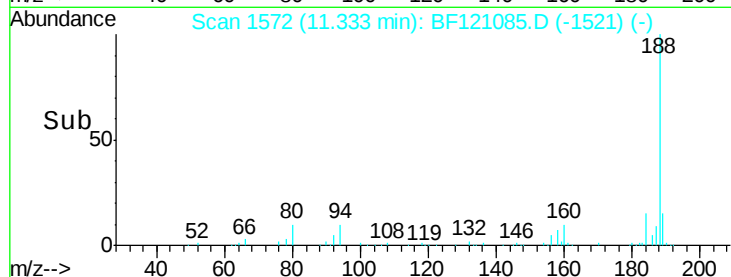
80 10.3 8.3 12.5



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



#69

Atrazine

Concen: 2.910 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.04 min

Lab File: BF121085.D

Acq: 28 Jul 2020 23:27

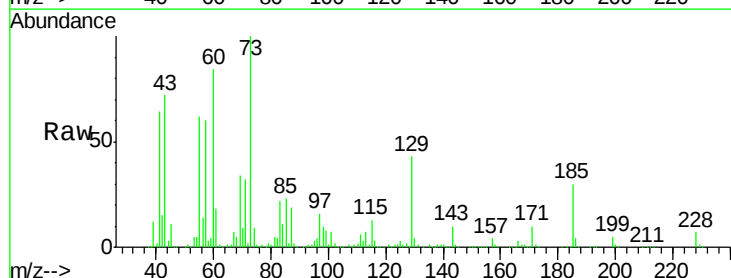
Tgt Ion:200 Resp: 15859

Ion Ratio Lower Upper

200 100

173 17.7 8.0 48.0

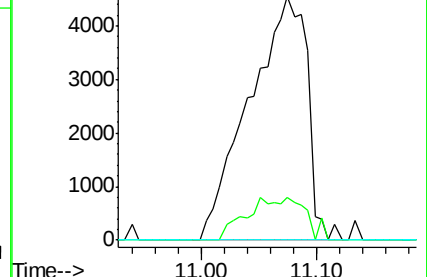
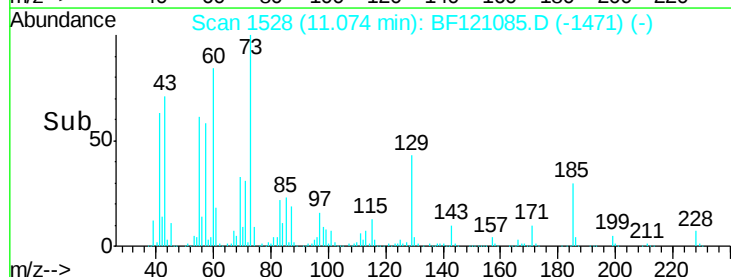
215 0.0 31.5 71.5#

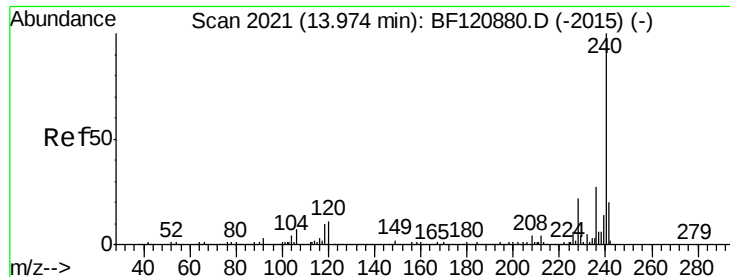


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

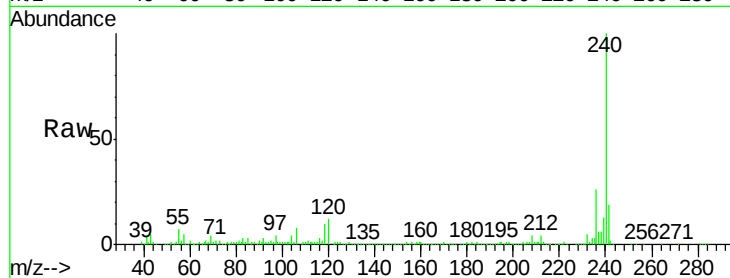




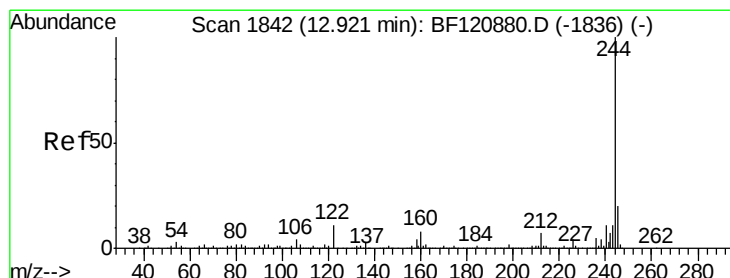
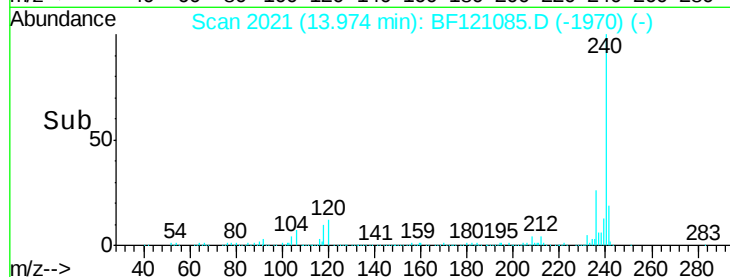
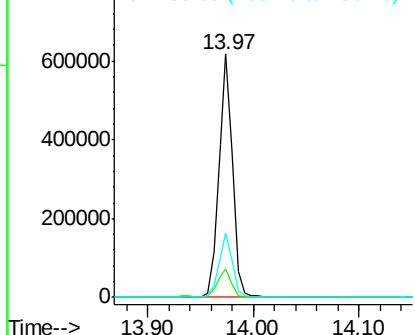
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion:240 Resp: 566302
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.4
236 26.4 21.7 32.5

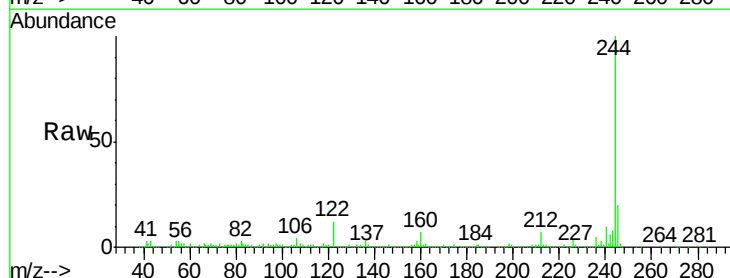


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

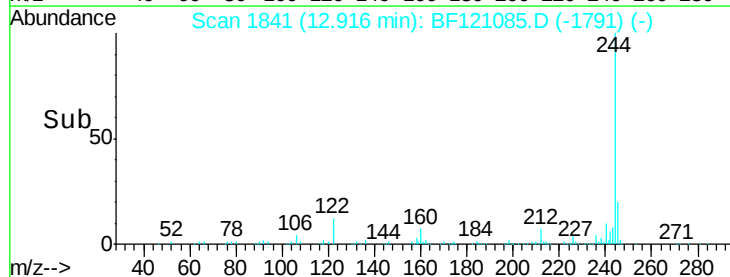
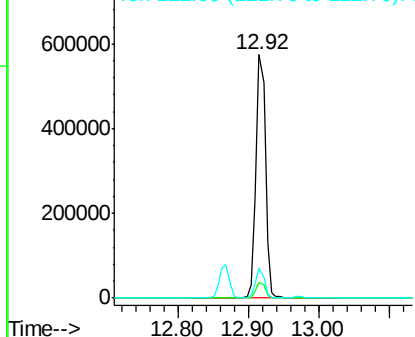


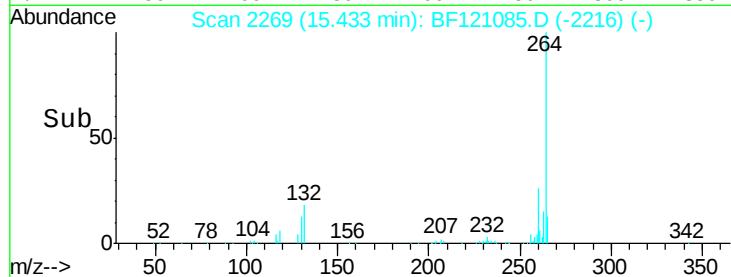
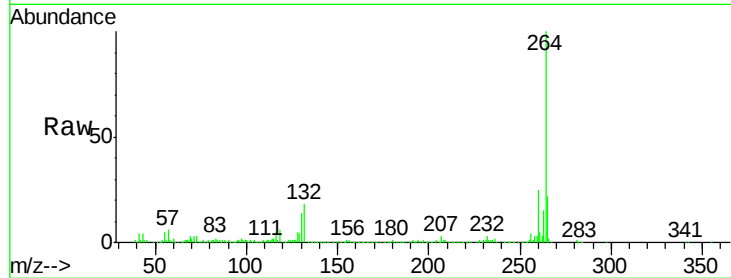
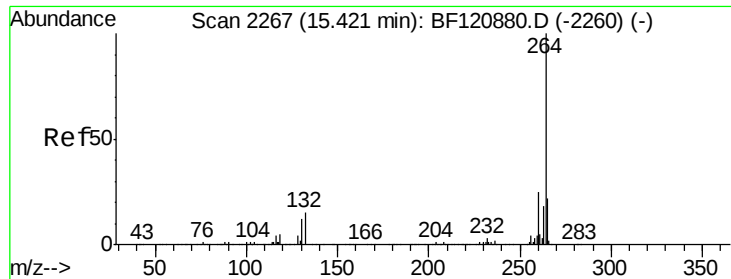
#79
Terphenyl-d14
Concen: 20.647 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Tgt Ion:244 Resp: 537892
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 12.5 8.9 13.3



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF121085.D
Acq: 28 Jul 2020 23:27

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.0	30.0
265	22.1	17.4	26.2

