

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121410.D
 Acq On : 24 Aug 2020 20:59
 Operator : JU/CG
 Sample : L3719-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COMP-A

Quant Time: Aug 25 03:23:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

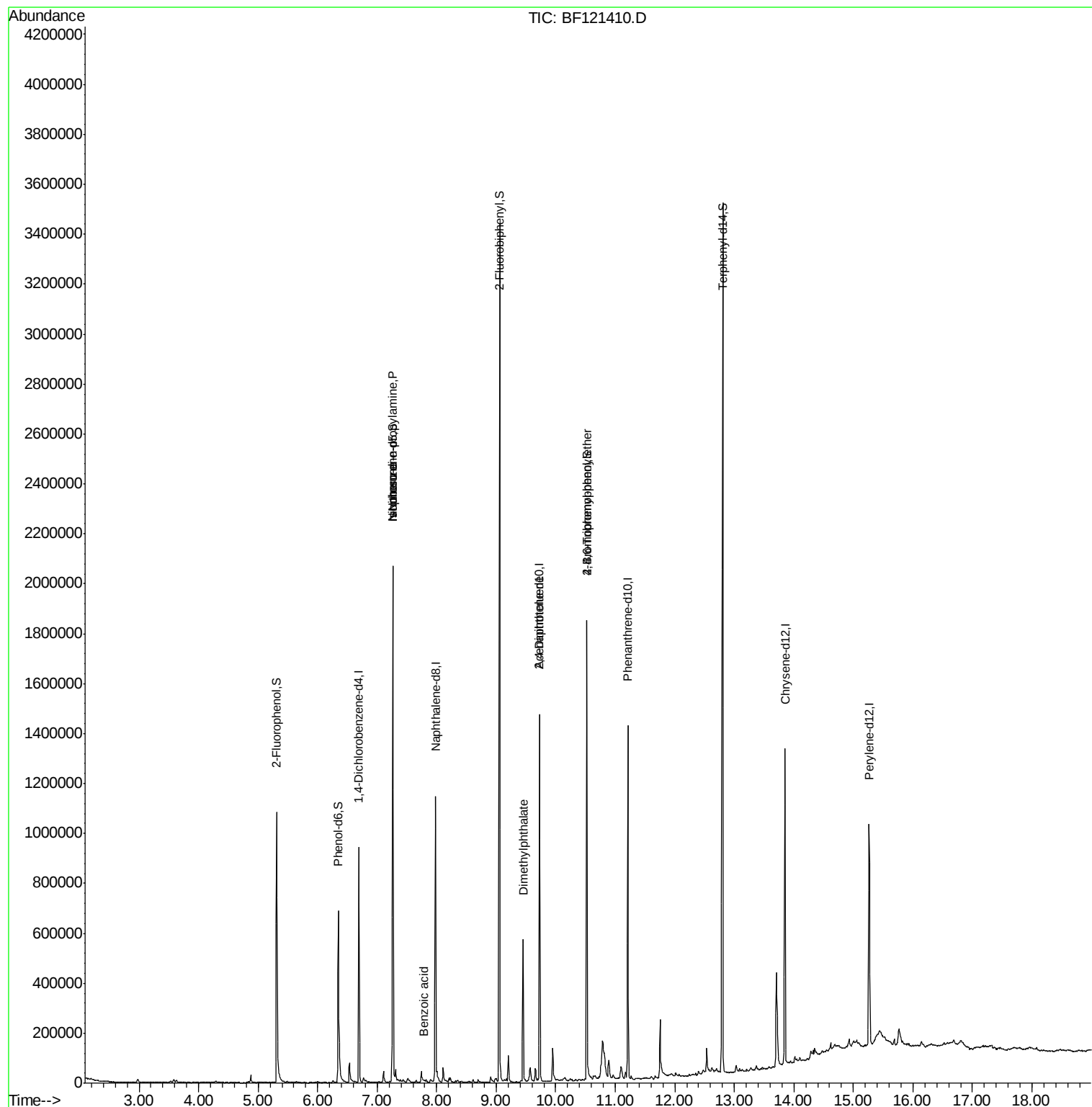
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	140062	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	549165	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	287187	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	562686	20.00	ng	0.00
76) Chrysene-d12	13.85	240	426282	20.00	ng	0.00
86) Perylene-d12	15.26	264	396184	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	372819	43.65	ng	0.01
7) Phenol-d6	6.35	99	290794	26.67	ng	0.00
23) Nitrobenzene-d5	7.26	82	695302	71.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	250425	74.83	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1227477	81.52	ng	0.00
79) Terphenyl-d14	12.80	244	1322615	60.63	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	92444	15.763	ng	# 78
25) Isophorone	7.26	82	685483	38.792	ng	# 65
32) Benzoic acid	7.79	122	1062	7.225	ng	90
50) Dimethylphthalate	9.45	163	246712	11.808	ng	98
57) 2,4-Dinitrotoluene	9.73	165	36729	6.747	ng	# 25
58) Fluorene	10.27	166	480	Below Cal		# 92
67) 4-Bromophenyl-phenylether	10.52	248	14125	2.263	ng	# 1

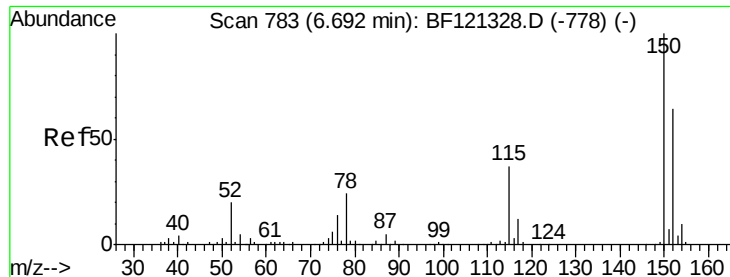
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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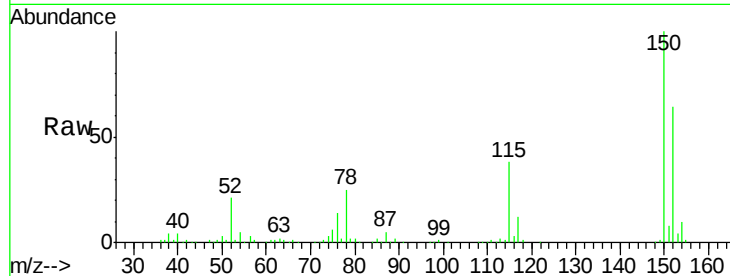


#1

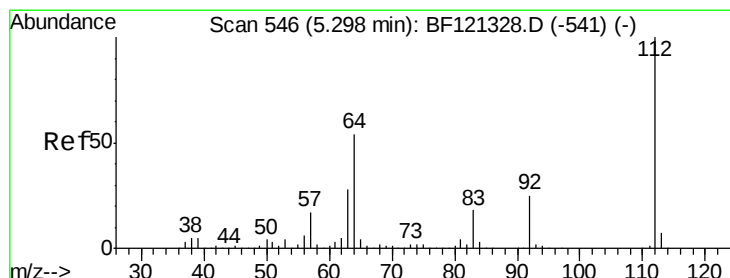
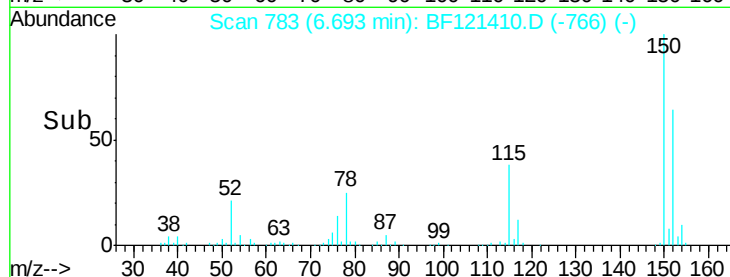
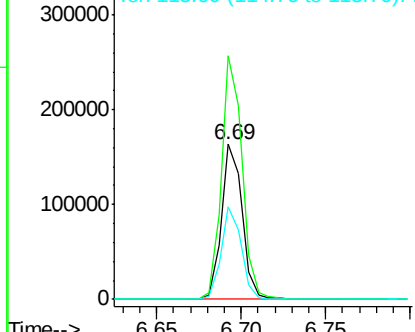
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COMP-A

Tot Ion:152 Resp: 140062
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.8 187.2
 115 59.6 46.1 69.1



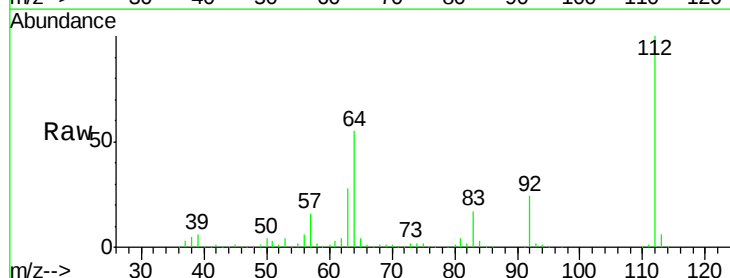
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



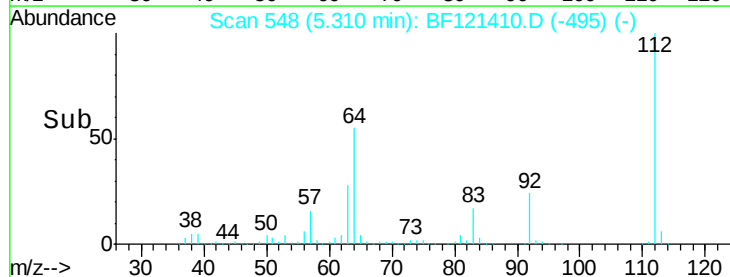
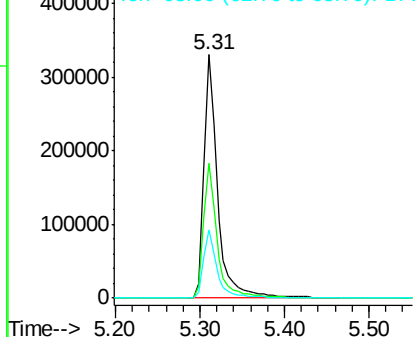
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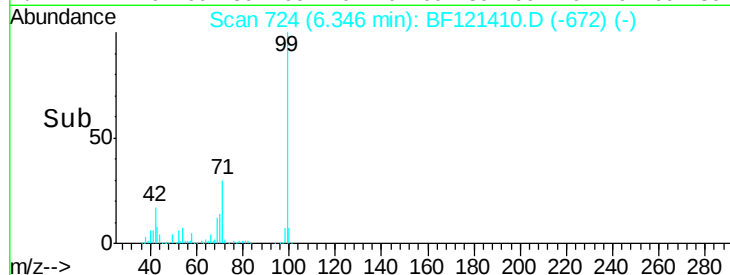
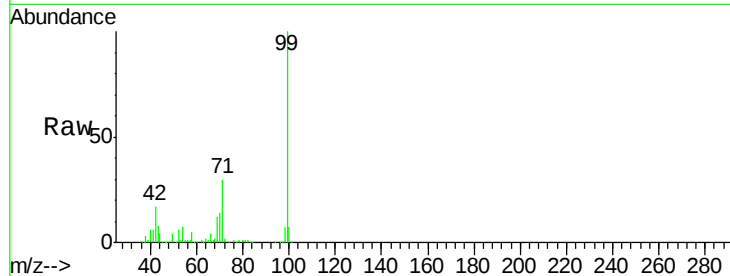
2-Fluorophenol
 Concen: 43.647 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

Tgt Ion:112 Resp: 372819
 Ion Ratio Lower Upper
 112 100
 64 55.3 43.5 65.3
 63 27.9 22.0 33.0



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: 26.668 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-COMP-A

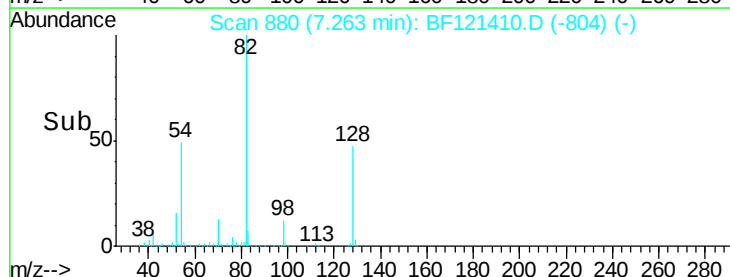
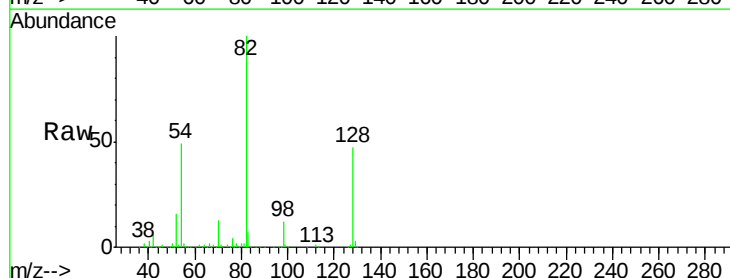
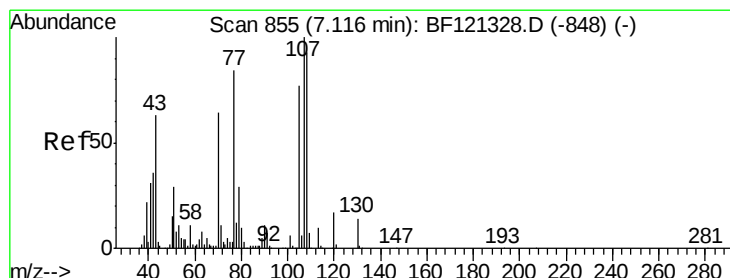
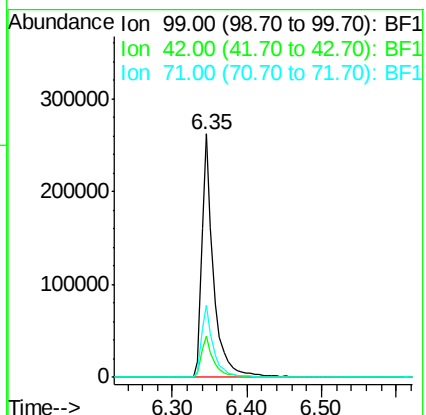
Tot Ion: 99 Resp: 290794

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 29.9 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.763 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

Tgt Ion: 70 Resp: 92444

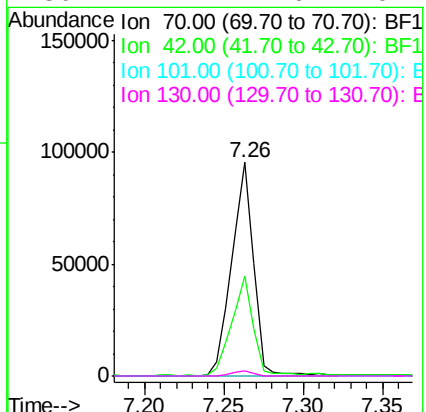
Ion Ratio Lower Upper

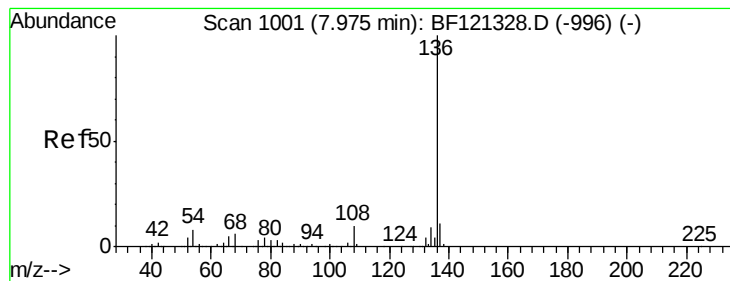
70 100

42 46.8 45.2 67.8

101 0.0 7.7 11.5#

130 2.1 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-COMP-A

Tot Ion:136 Resp: 549165

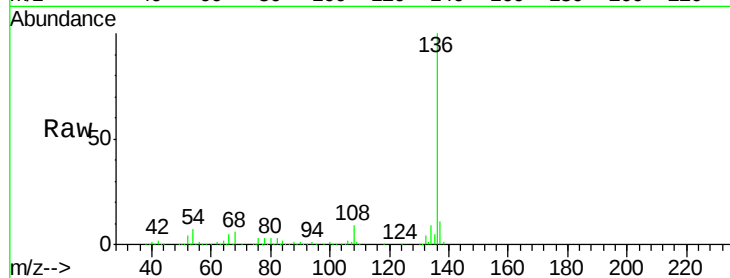
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.1 9.1

68 5.5 5.0 7.4

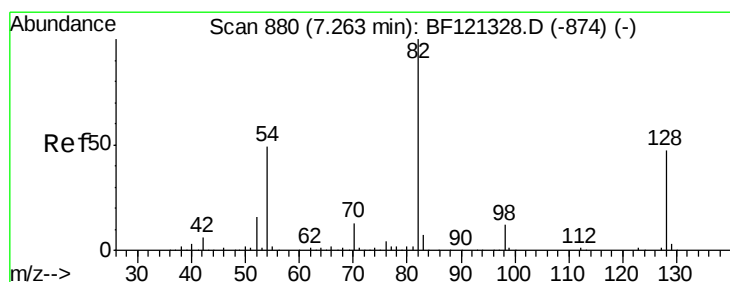
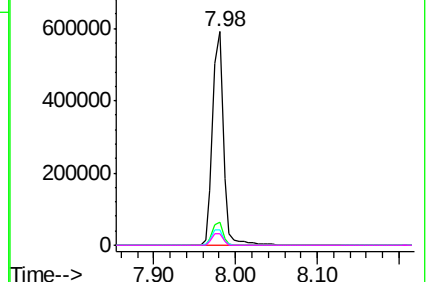
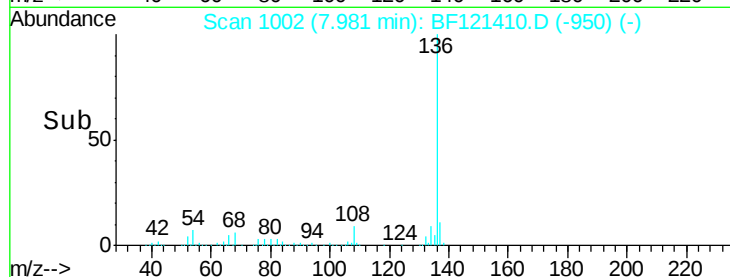


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.606 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

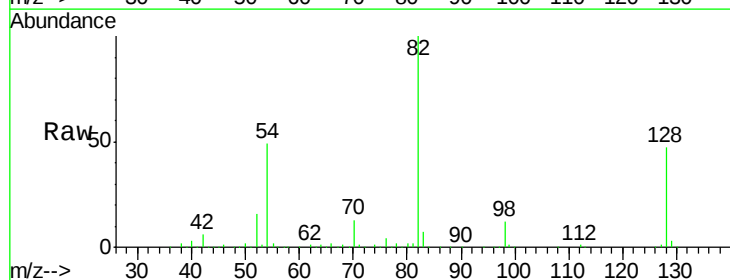
Tgt Ion: 82 Resp: 695302

Ion Ratio Lower Upper

82 100

128 46.6 37.9 56.9

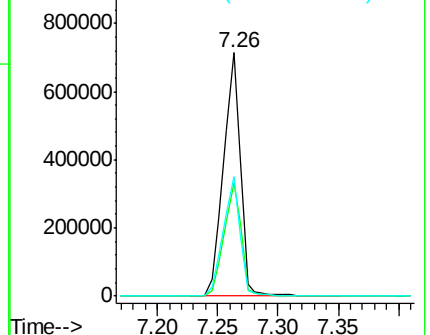
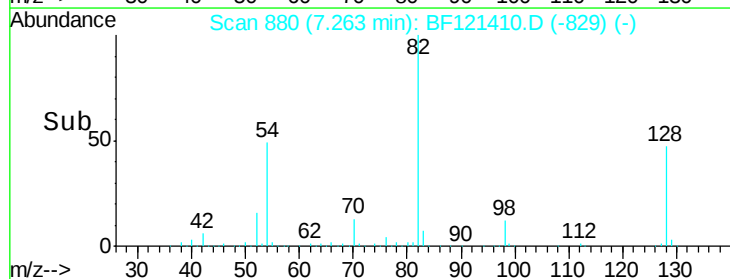
54 49.2 39.0 58.4

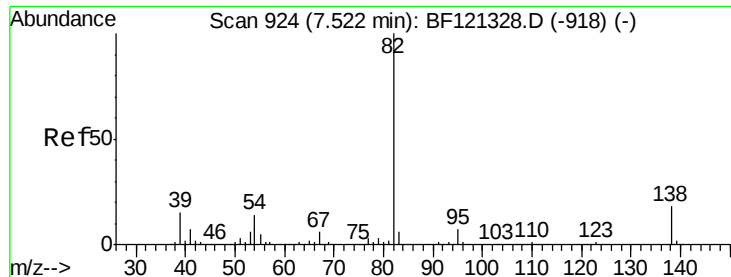


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 38.792 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

Instrument :

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SPLP-AMENDED-COMP-A

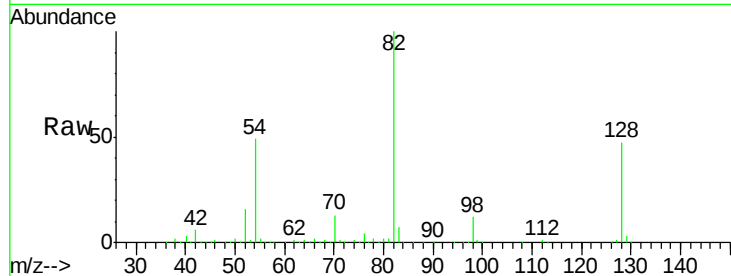
Tot Ion: 82 Resp: 685483

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

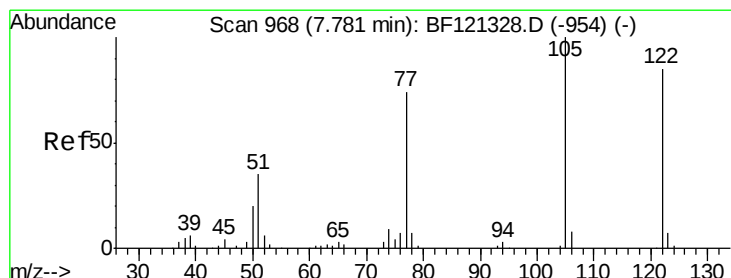
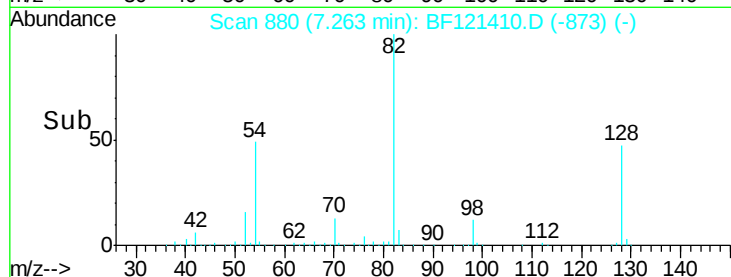
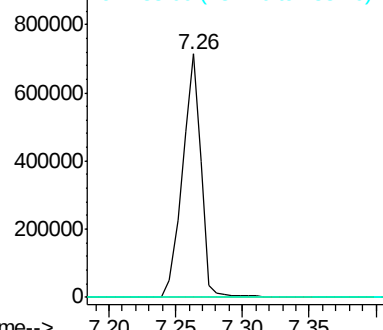
138 0.0 14.6 21.8#



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: 7.225 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

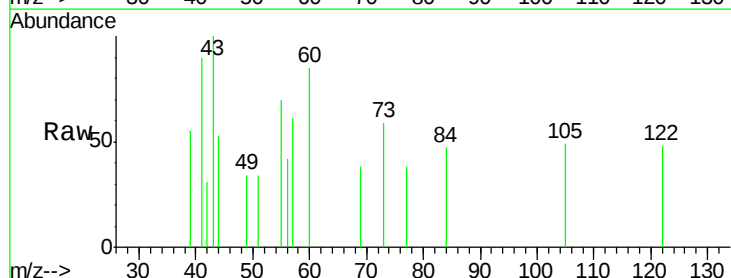
Tgt Ion: 122 Resp: 1062

Ion Ratio Lower Upper

122 100

105 103.4 96.7 136.7

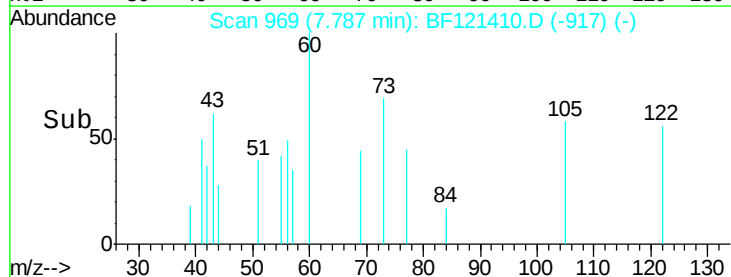
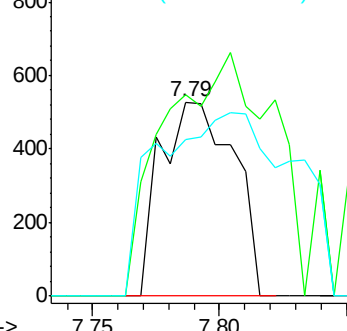
77 80.5 66.7 106.7

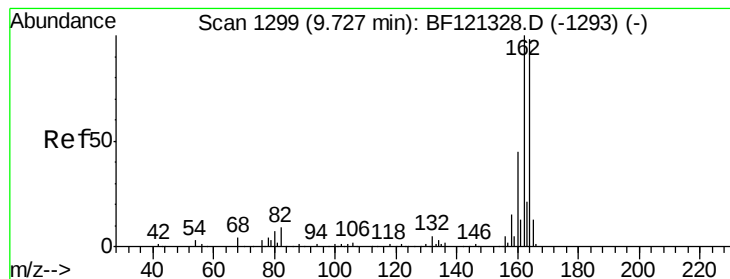


Abundance Ion 122.00 (121.70 to 122.70): E

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: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

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SPLP-AMENDED-COMP-A

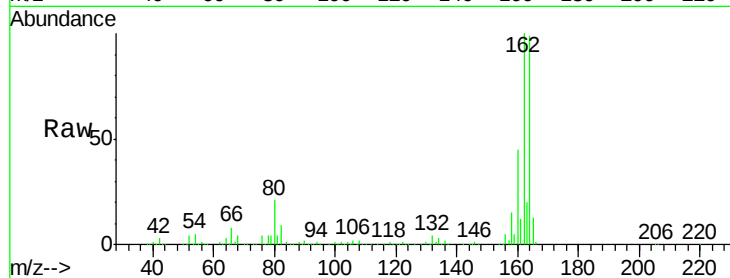
Tot Ion:164 Resp: 287187

Ion Ratio Lower Upper

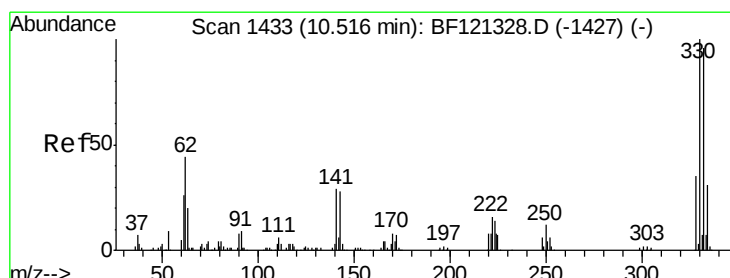
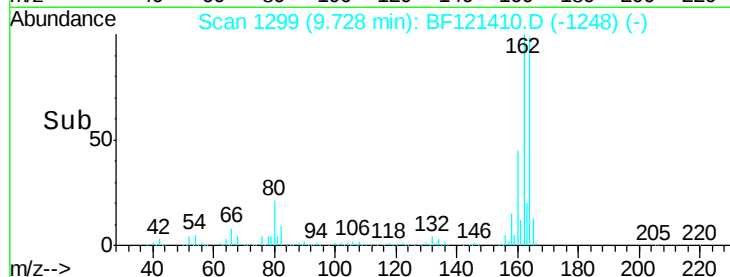
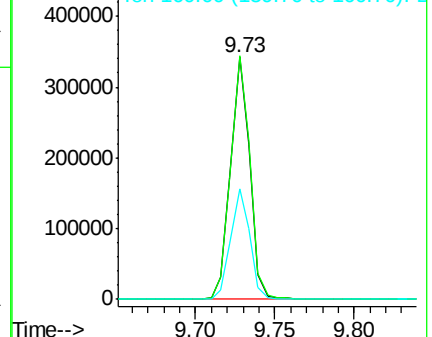
164 100

162 100.6 81.7 122.5

160 45.4 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: 74.829 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

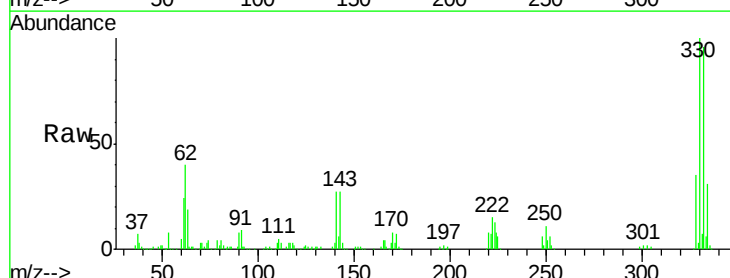
Tgt Ion:330 Resp: 250425

Ion Ratio Lower Upper

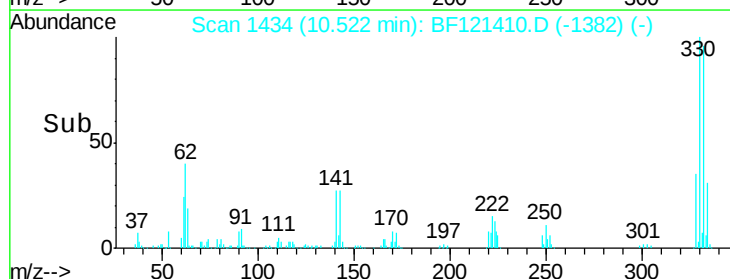
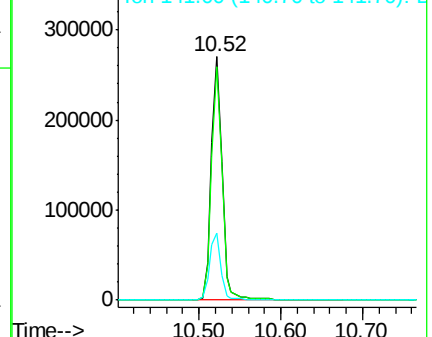
330 100

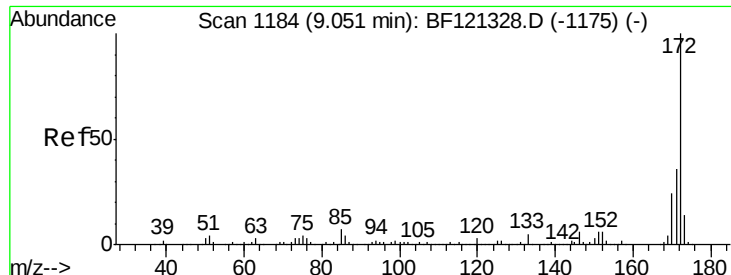
332 94.5 76.9 115.3

141 28.9 22.8 34.2



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



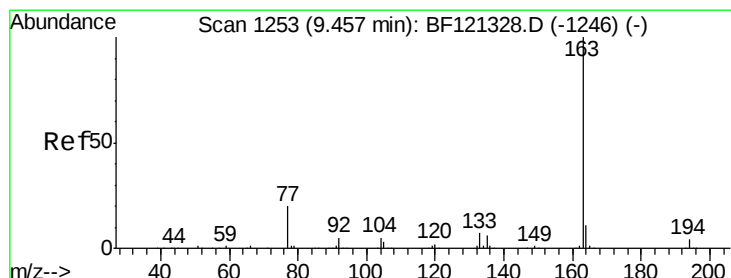
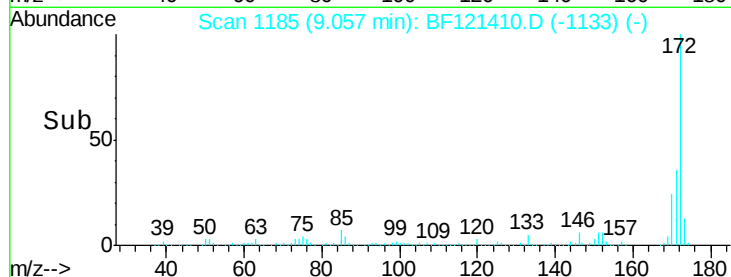
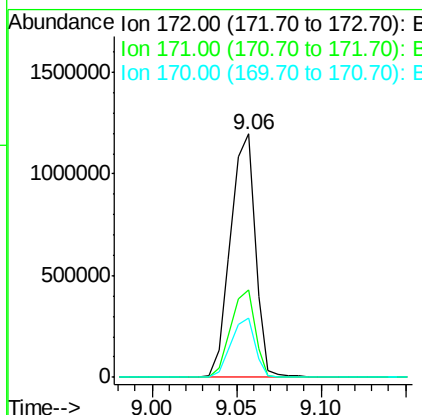
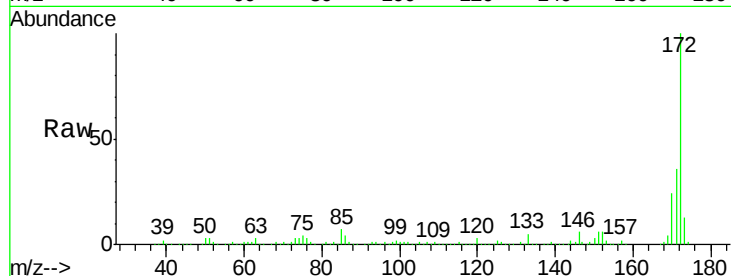


#45
 2-Fluorobiphenyl
 Concen: 81.522 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

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Tot Ion:172 Resp: 1227477

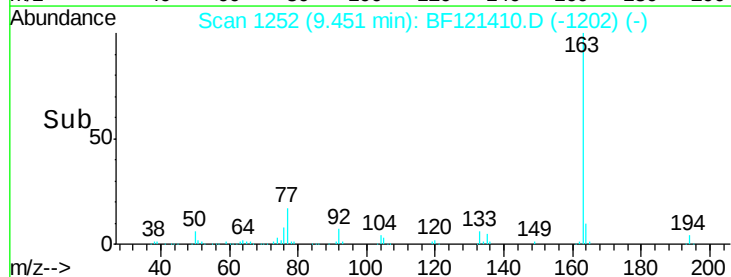
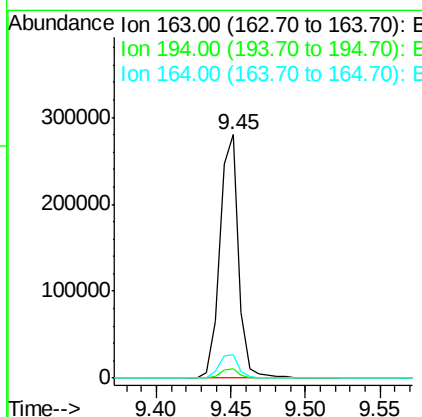
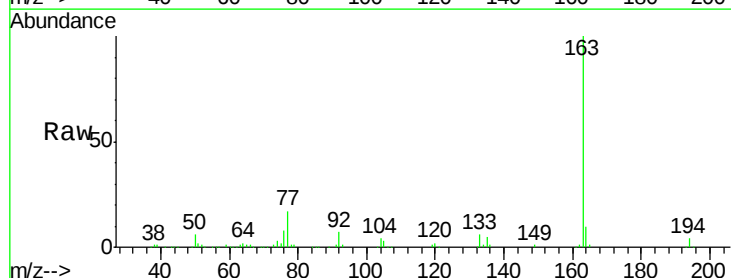
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	24.3	19.4	29.2

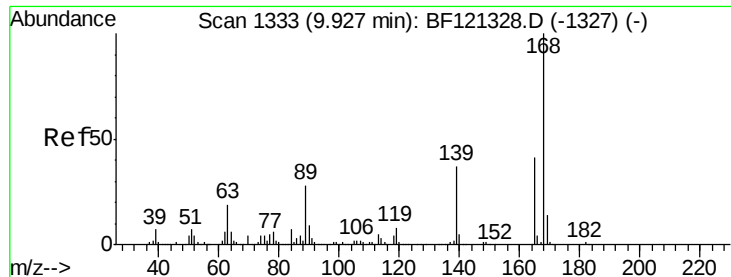


#50
 Dimethylphthalate
 Concen: 11.808 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

Tgt Ion:163 Resp: 246712

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.7	8.4	12.6

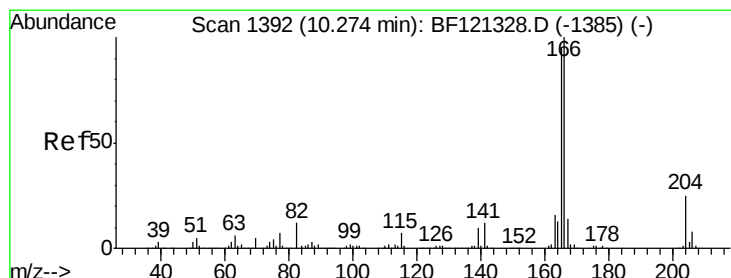
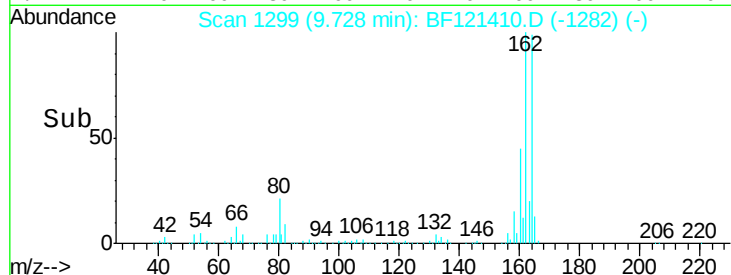
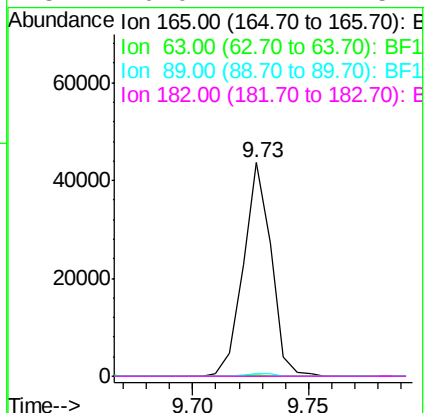
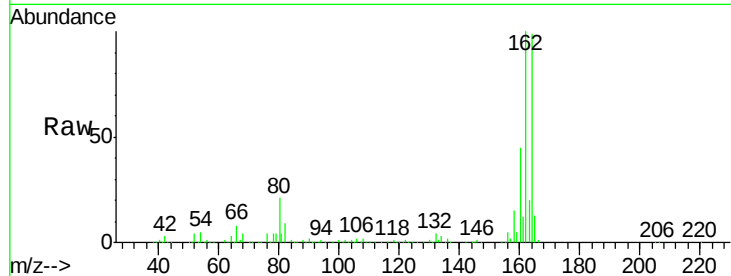




#57
 2,4-Dinitrotoluene
 Concen: 6.747 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

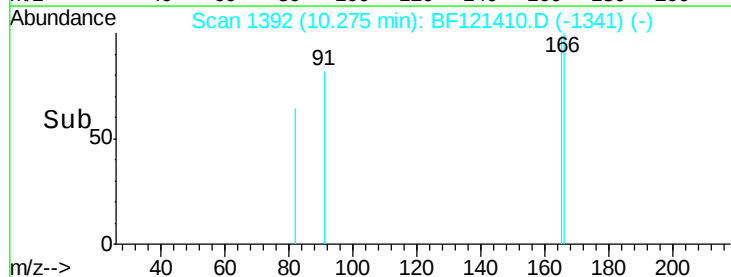
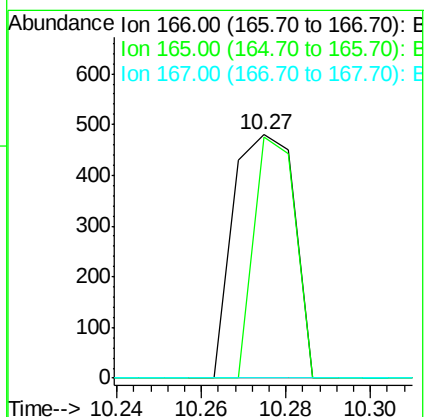
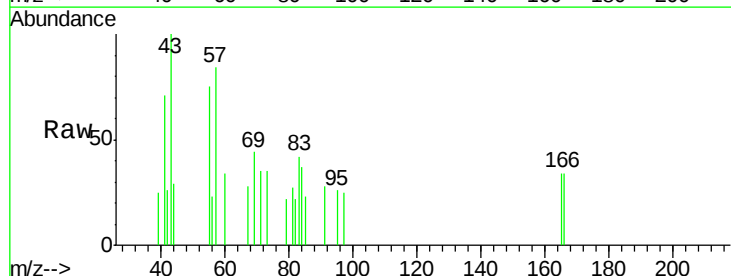
Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COMP-A

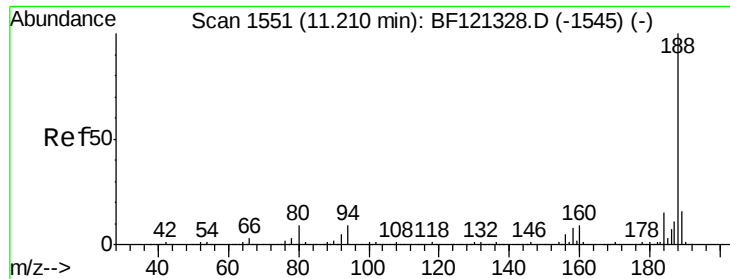
Tot Ion:	165	Resp:	36729
Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.1	54.2	81.4#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

Tgt Ion:	166	Resp:	480
Ion	Ratio	Lower	Upper
166	100		
165	99.0	75.8	113.8
167	0.0	11.0	16.4#

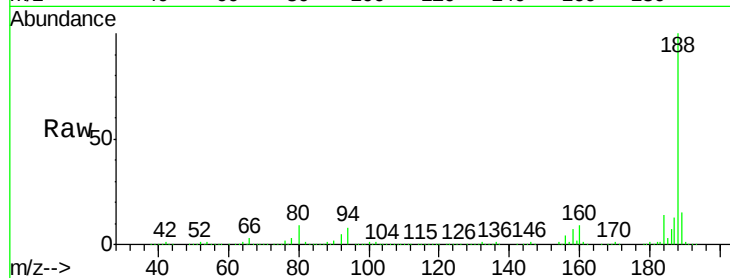




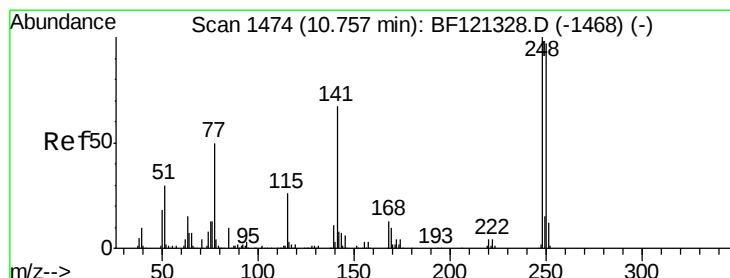
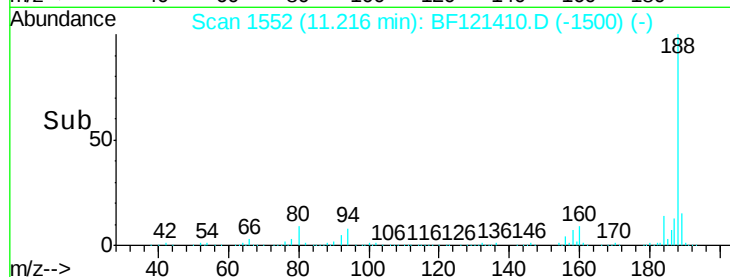
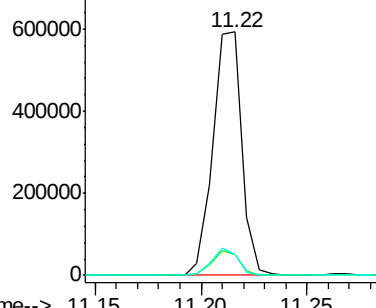
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121410.D
Acq: 24 Aug 2020 20:59

Instrument :
BNA_F
ClientSampleId :
SPLP-AMENDED-COMP-A

Tot Ion:188 Resp: 562686
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 8.8 7.4 11.0

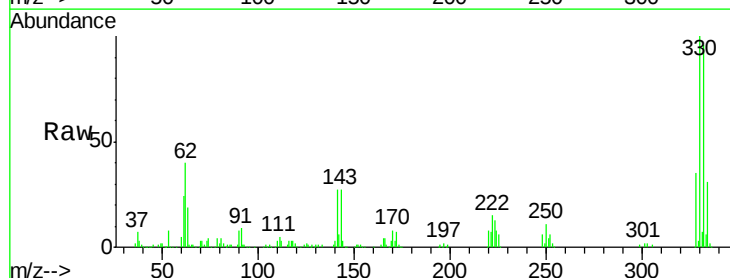


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

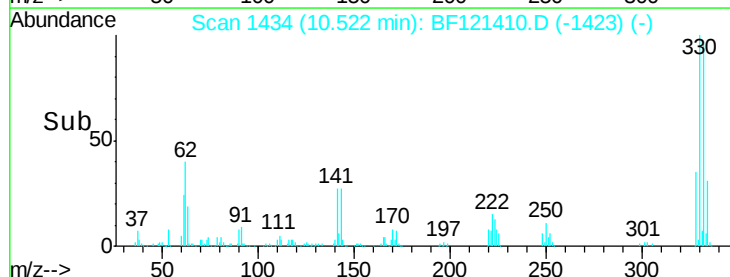
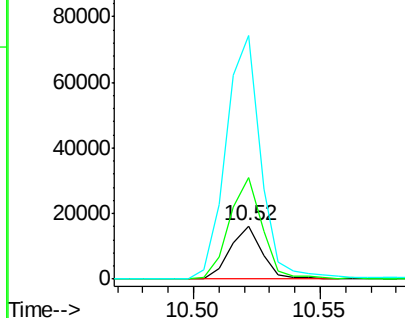


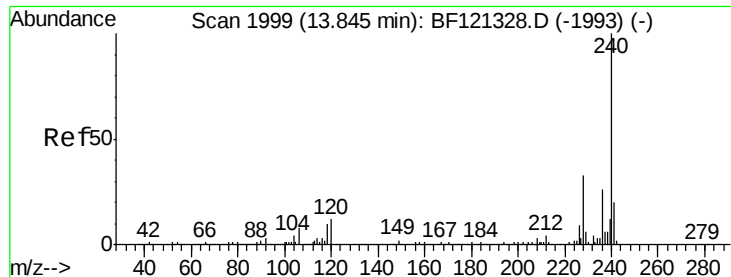
#67
4-Bromophenyl-phenylether
Concen: 2.263 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF121410.D
Acq: 24 Aug 2020 20:59

Tgt Ion:248 Resp: 14125
Ion Ratio Lower Upper
248 100
250 191.9 77.9 116.9#
141 459.0 53.5 80.3#



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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

Instrument :

BNA_F

ClientSampleId :

SPLP-AMENDED-COMP-A

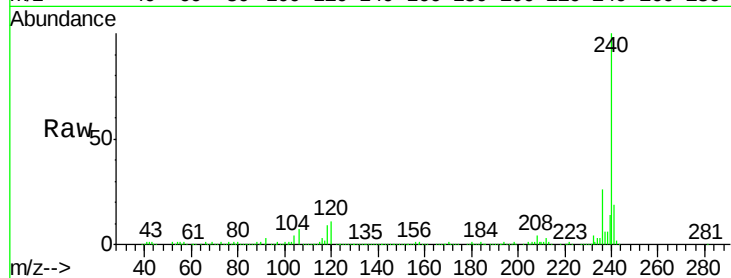
Tot Ion:240 Resp: 426282

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

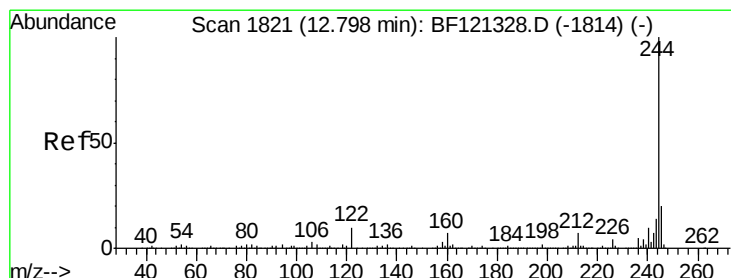
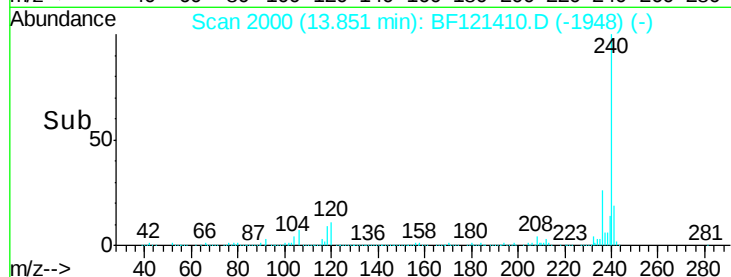
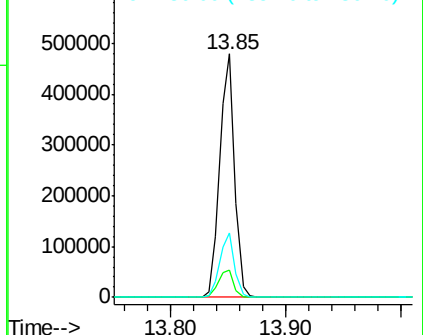
236 26.4 20.6 31.0



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: 60.631 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121410.D

Acq: 24 Aug 2020 20:59

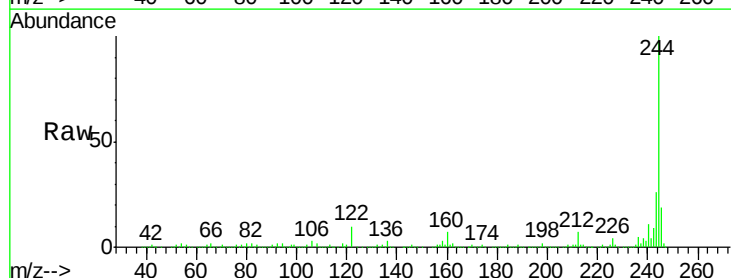
Tgt Ion:244 Resp: 1322615

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

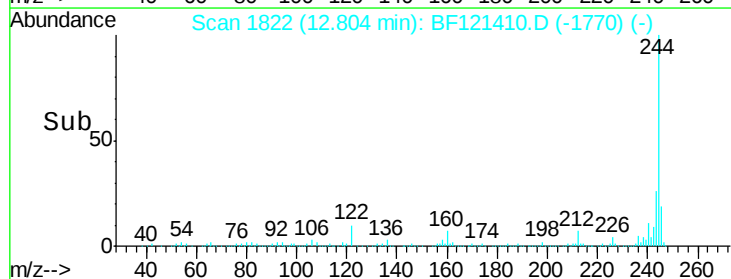
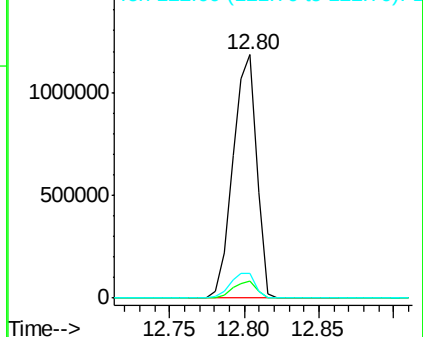
122 10.4 7.8 11.8

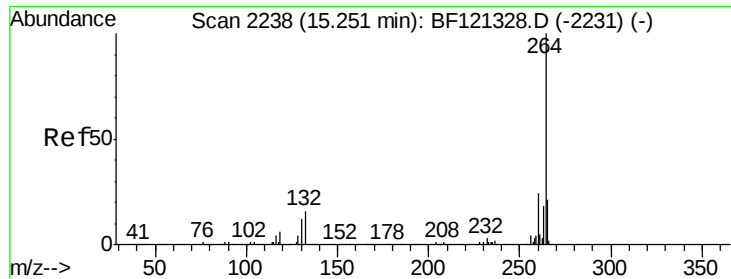


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

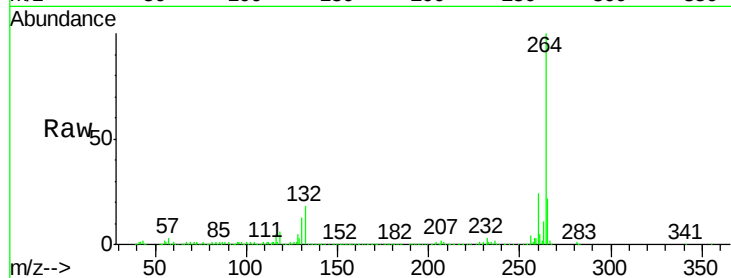




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: BF121410.D
 Acq: 24 Aug 2020 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMENDED-COMP-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.9	17.1	25.7



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

