

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121414.D
 Acq On : 24 Aug 2020 23:03
 Operator : JU/CG
 Sample : L3719-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200511-AMENDED-DISCRETE-00

Quant Time: Aug 25 03:24:37 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

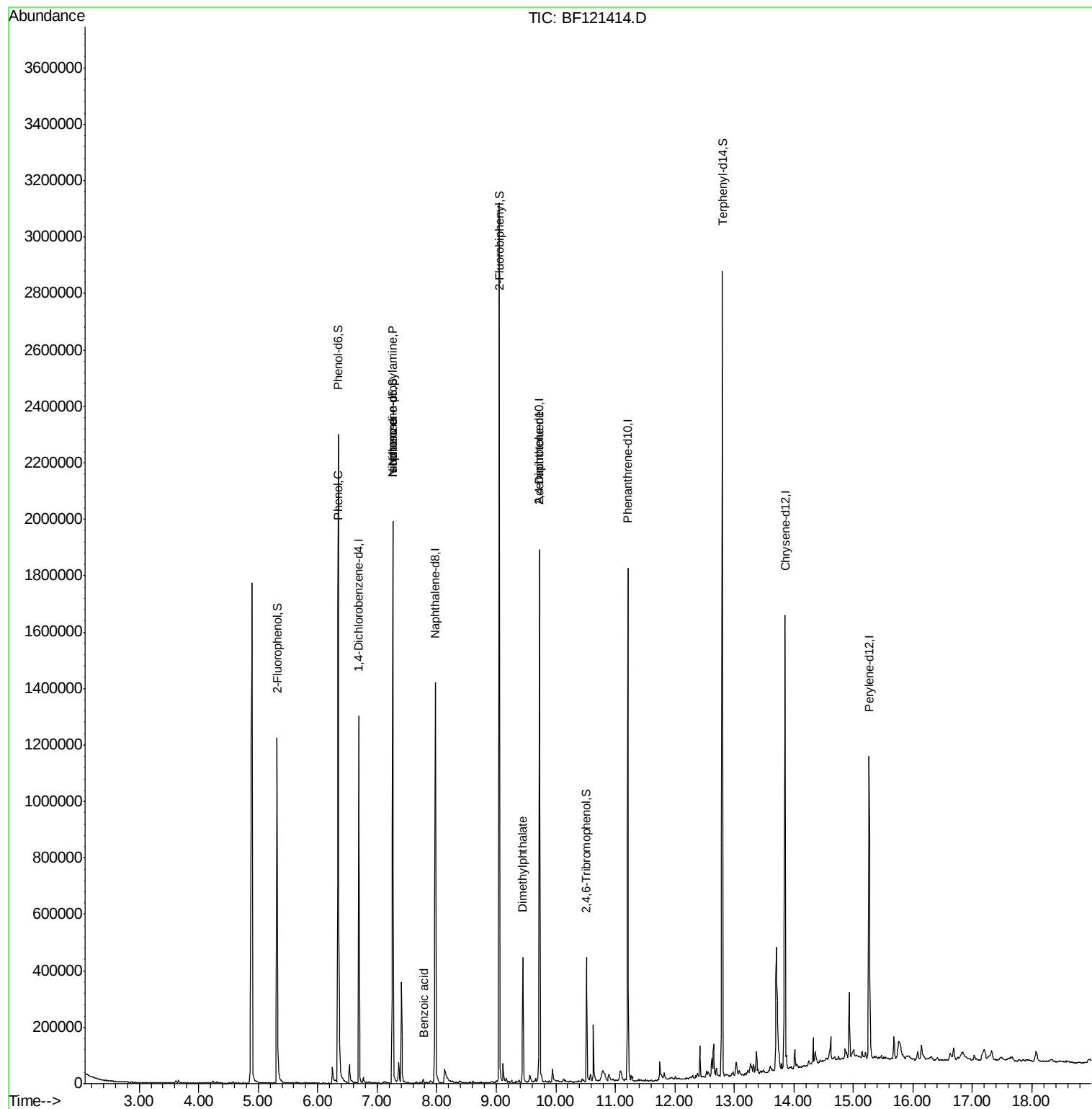
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	190518	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	743254	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	387366	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	729103	20.00	ng	0.00
76) Chrysene-d12	13.85	240	540584	20.00	ng	0.00
86) Perylene-d12	15.26	264	469253	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	407859	35.10	ng	0.02
7) Phenol-d6	6.35	99	960169	64.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	690031	52.51	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	58321	12.92	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1078286	47.78	ng	0.00
79) Terphenyl-d14	12.80	244	936184	33.84	ng	0.00
Target Compounds						
10) Phenol	6.36	94	44623	2.869	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	91174	11.430	ng	# 77
20) 3+4-Methylphenols	7.15	107	488	Below Cal	#	51
25) Isophorone	7.26	82	678370	28.365	ng	# 65
32) Benzoic acid	7.79	122	120	7.079	ng	# 1
50) Dimethylphthalate	9.45	163	184867	6.560	ng	99
55) Dibenzofuran	9.93	168	690	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	50101	6.823	ng	# 25
58) Fluorene	10.27	166	782	Below Cal	#	89

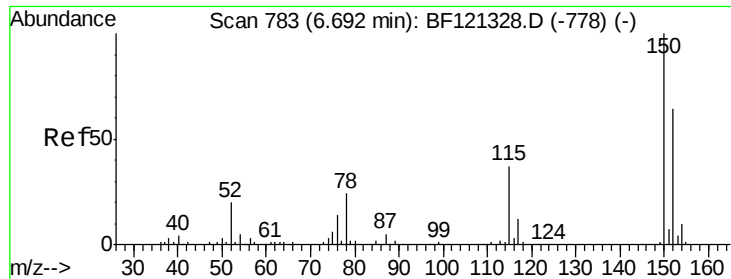
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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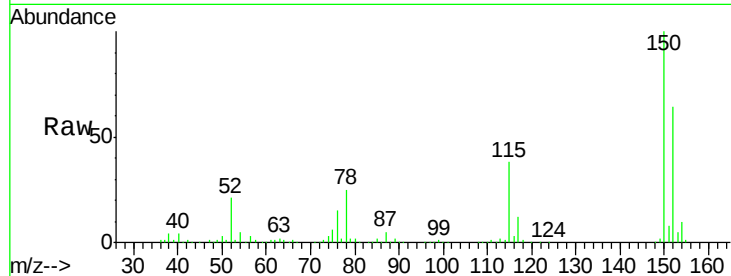


#1

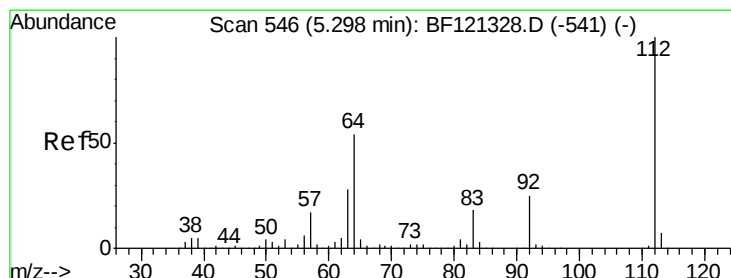
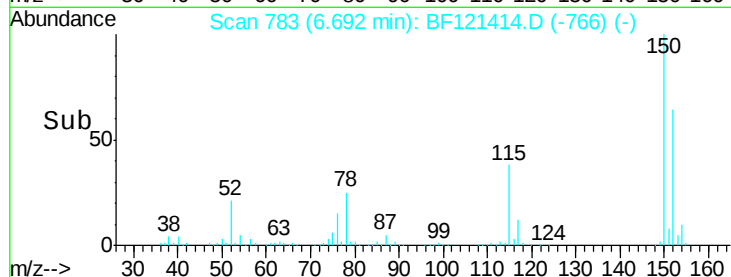
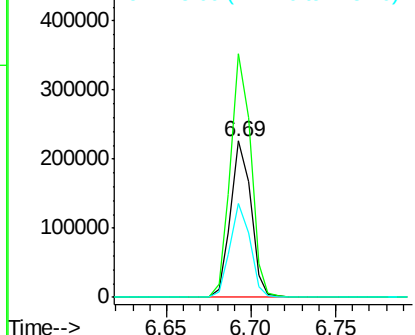
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:152 Resp: 190518
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 59.8 46.1 69.1



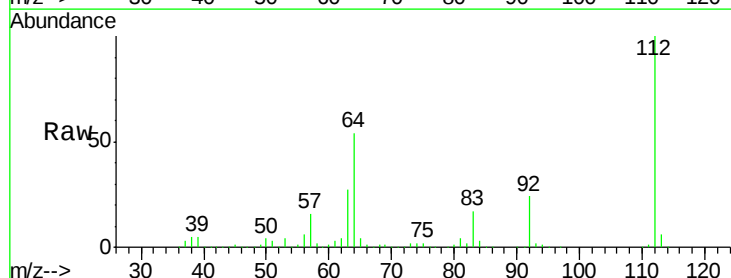
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



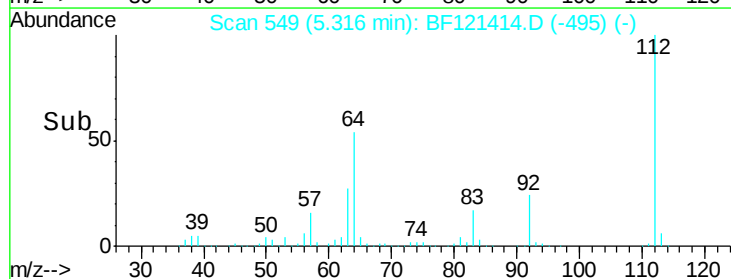
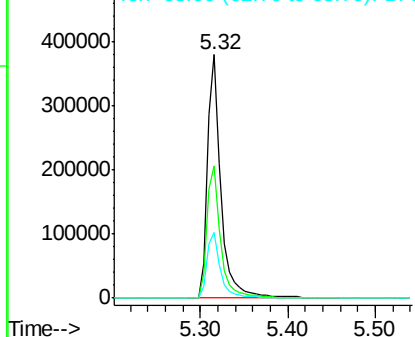
#5

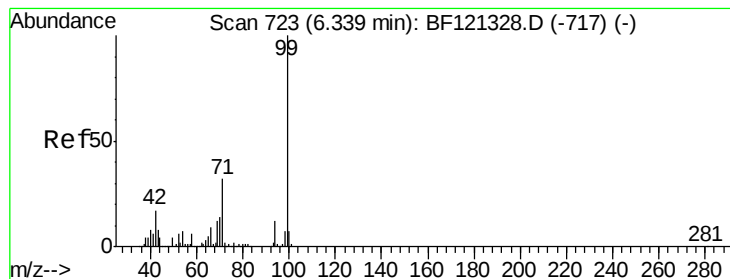
2-Fluorophenol
Concen: 35.103 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:112 Resp: 407859
Ion Ratio Lower Upper
112 100
64 54.1 43.5 65.3
63 26.8 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: 64.734 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

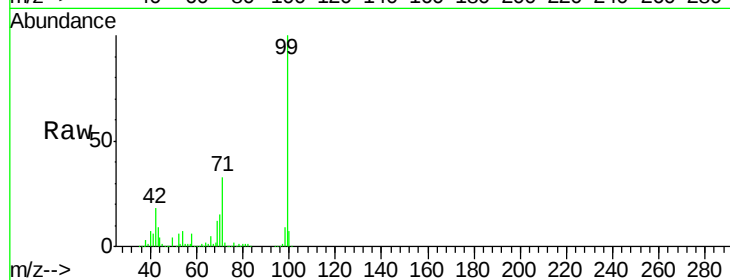
Tot Ion: 99 Resp: 960169

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

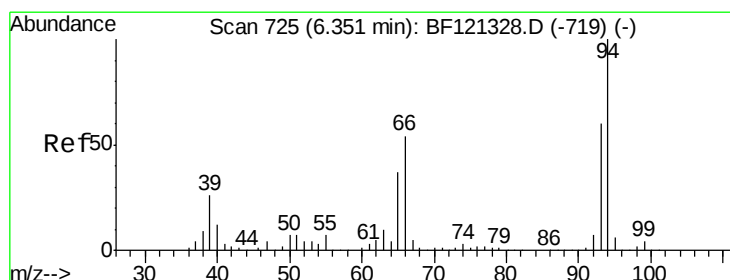
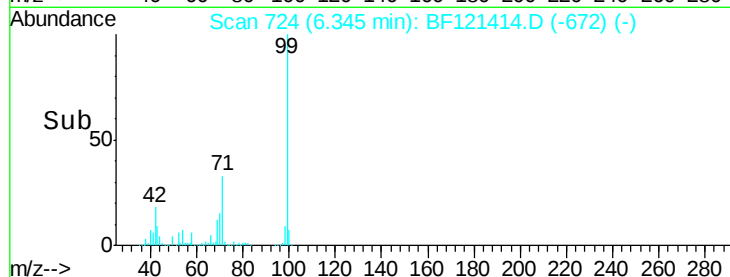
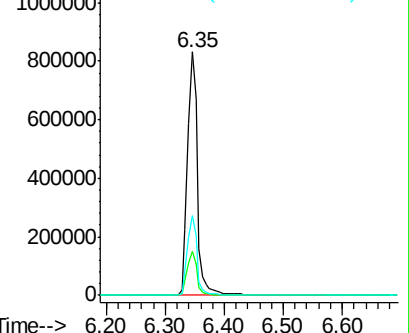
71 32.6 25.2 37.8



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



#10

Phenol

Concen: 2.869 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

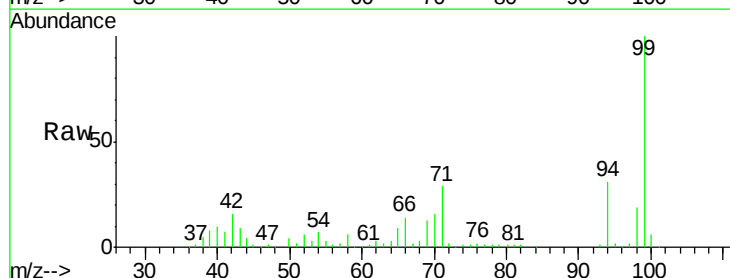
Tgt Ion: 94 Resp: 44623

Ion Ratio Lower Upper

94 100

65 29.9 16.6 56.6

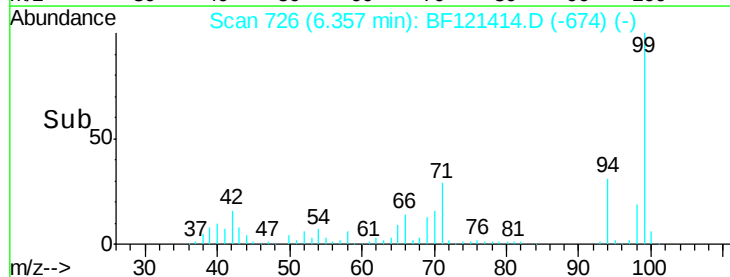
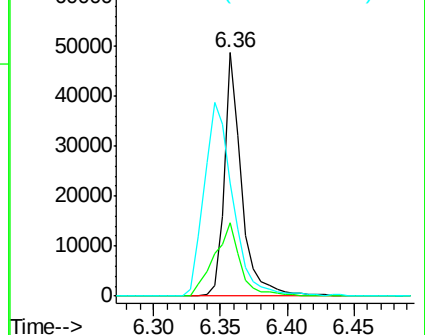
66 46.7 34.3 74.3

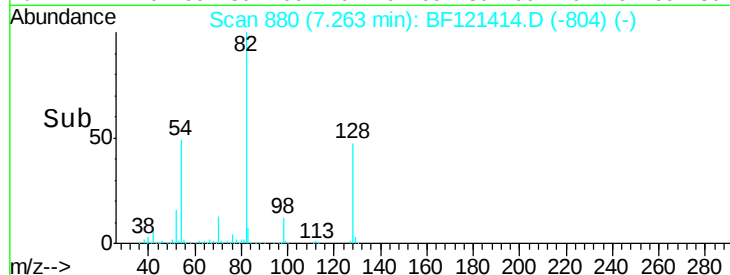
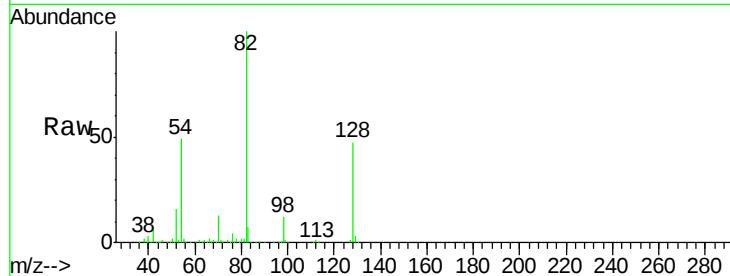
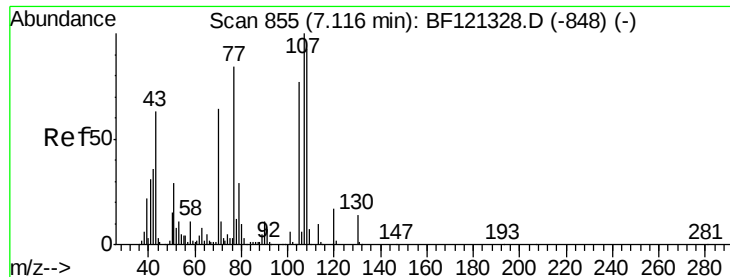


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

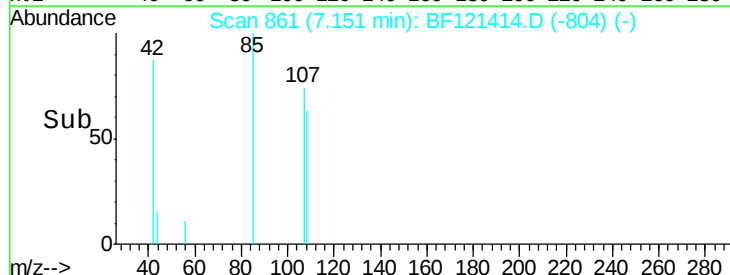
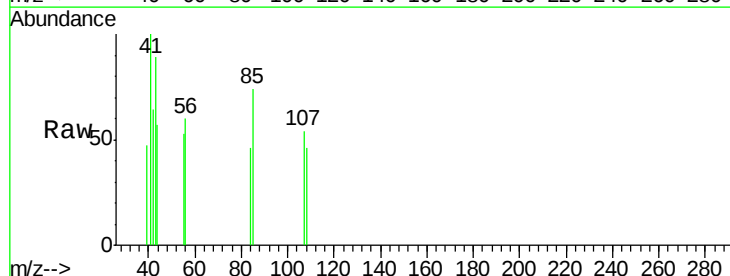
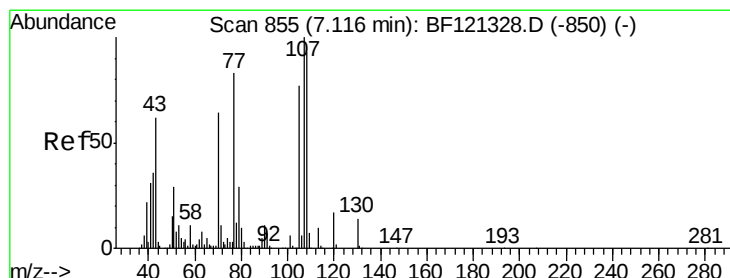
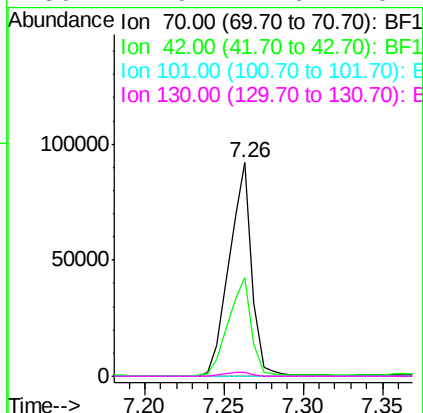




#19
n-Nitroso-di-n-propylamine
Concen: 11.430 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.15 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

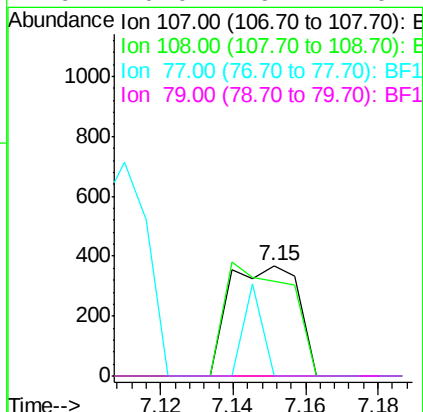
Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

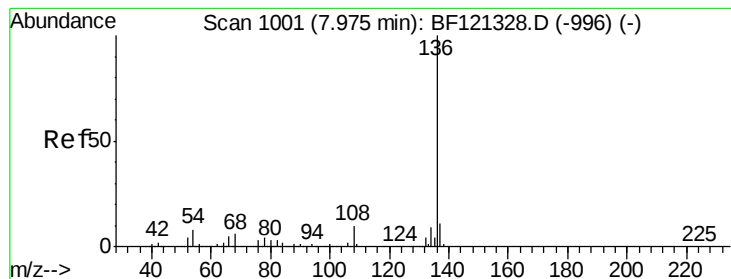
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	45.2	67.8
101	0.0	7.7	11.5#
130	1.9	17.6	26.4#



#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.15 min Scan# 861
Delta R.T. 0.04 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.4	72.6	112.6
77	0.0	63.8	103.8#
79	0.0	9.1	49.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

Tot Ion:136 Resp: 743254

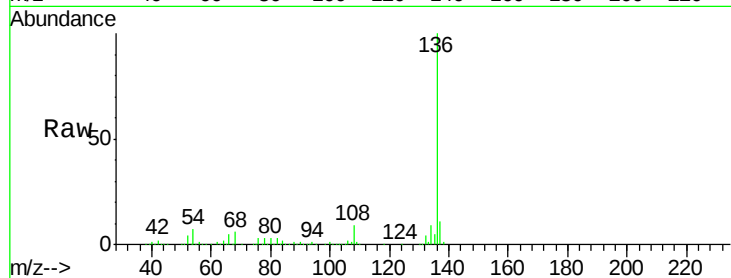
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.1 9.1

68 5.7 5.0 7.4

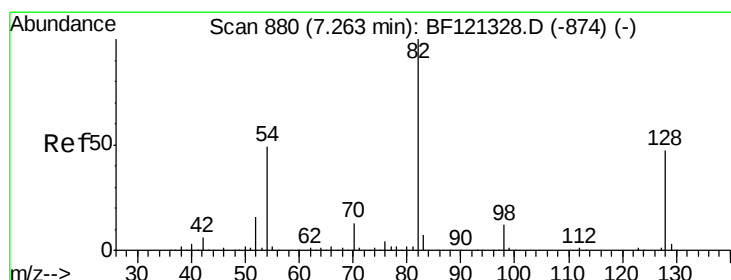
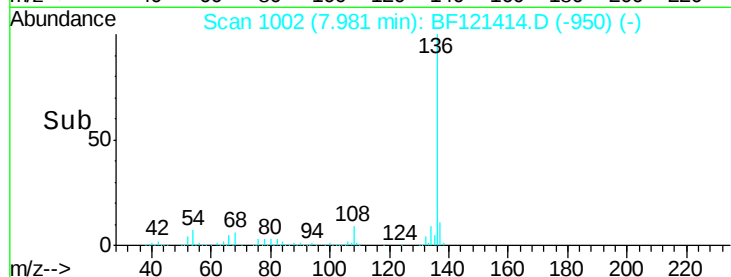
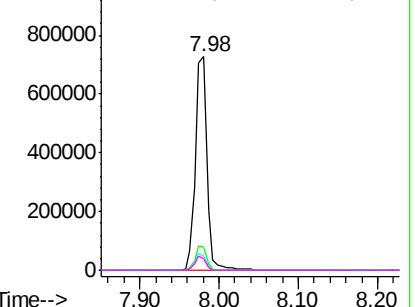


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.506 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

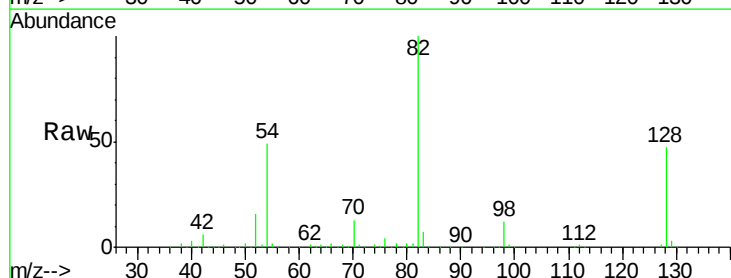
Tgt Ion: 82 Resp: 690031

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

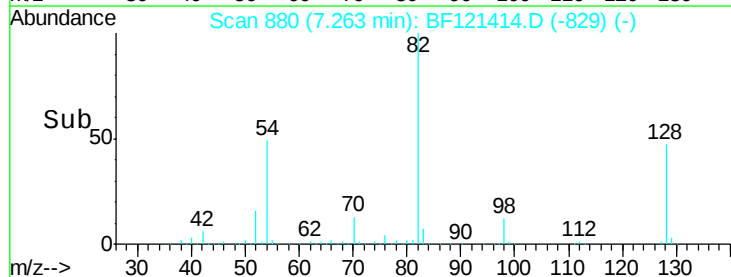
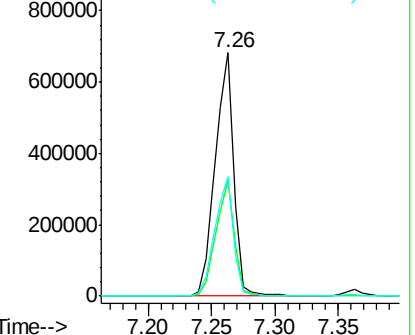
54 49.1 39.0 58.4

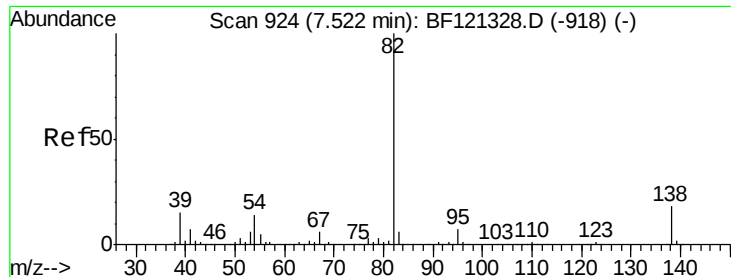


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.365 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

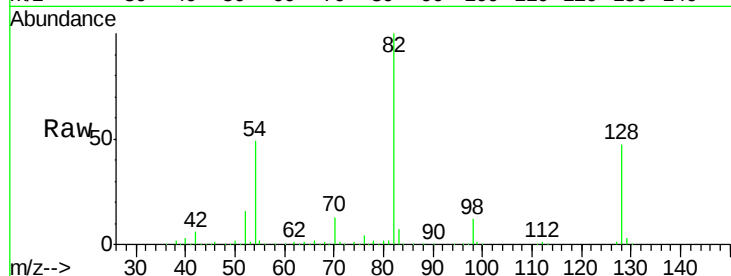
Tot Ion: 82 Resp: 678370

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

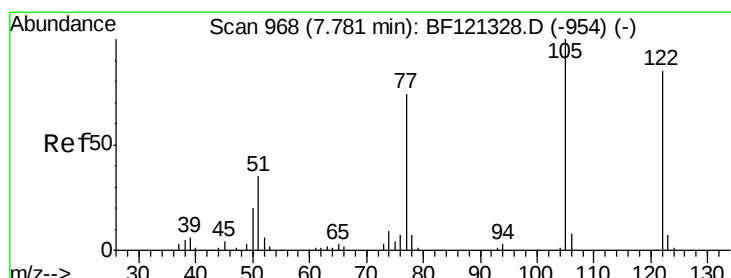
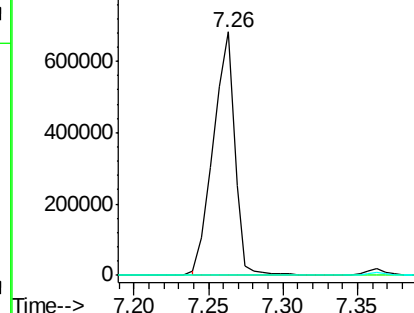
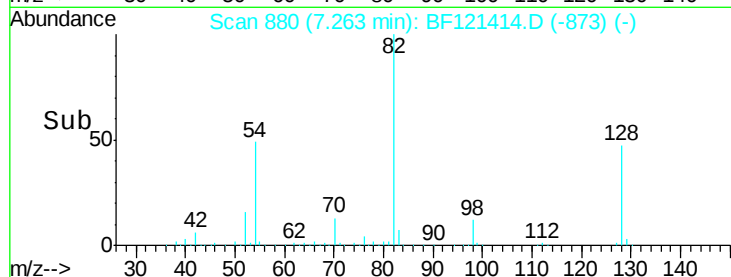
138 0.0 14.6 21.8#



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: 7.079 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

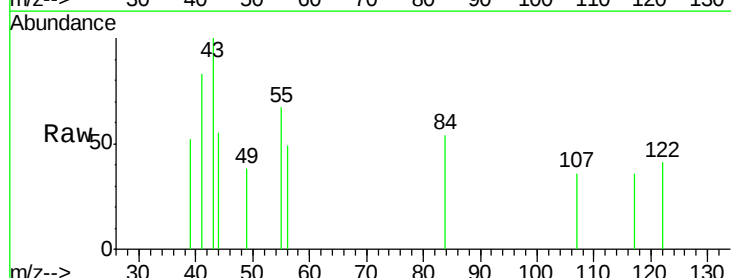
Tgt Ion: 122 Resp: 120

Ion Ratio Lower Upper

122 100

105 0.0 96.7 136.7#

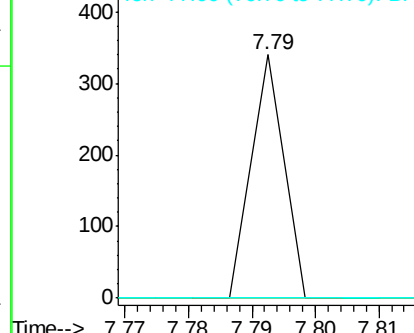
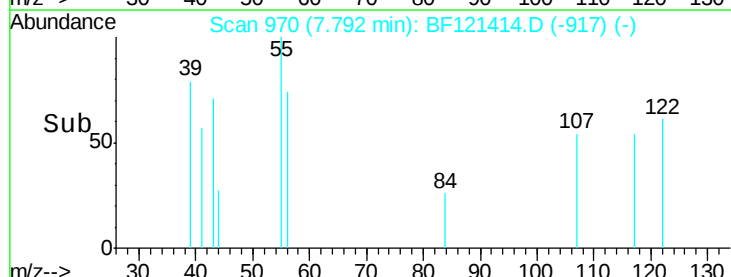
77 0.0 66.7 106.7#

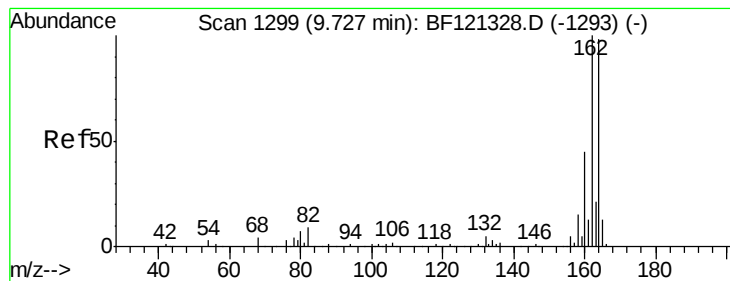


Abundance Ion 122.00 (121.70 to 122.70): BF1

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: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

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ClientSampleId :

20200511-AMENDED-DISCRETE-00

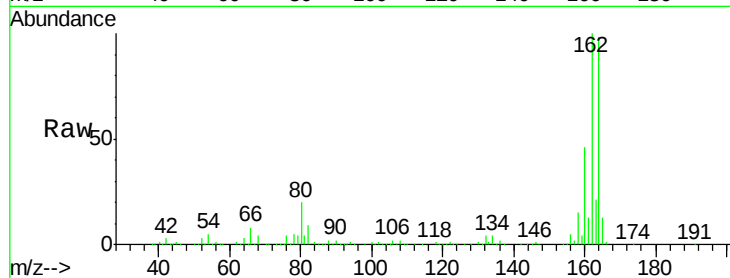
Tot Ion:164 Resp: 387366

Ion Ratio Lower Upper

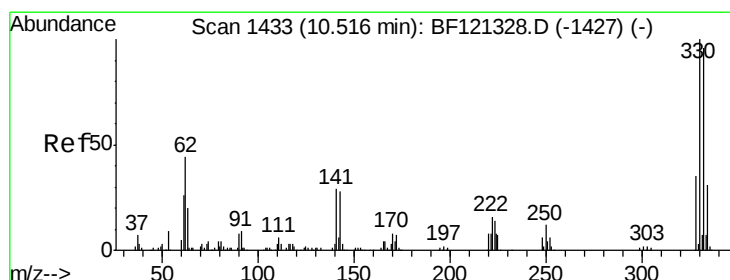
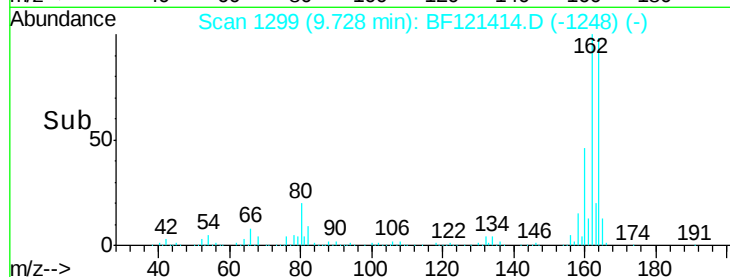
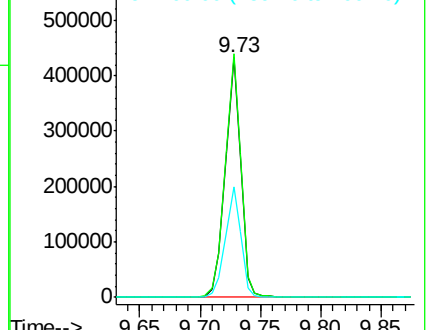
164 100

162 101.6 81.7 122.5

160 46.4 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: 12.920 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

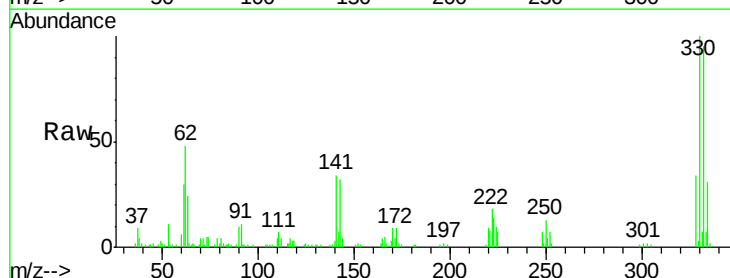
Tgt Ion:330 Resp: 58321

Ion Ratio Lower Upper

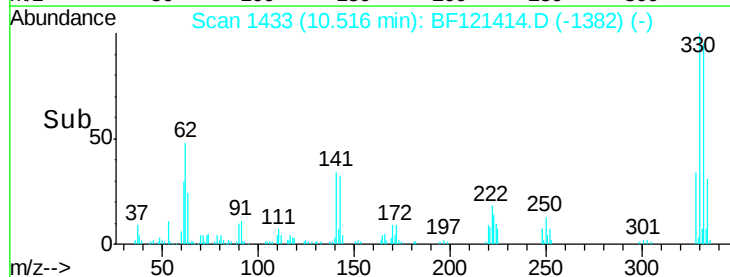
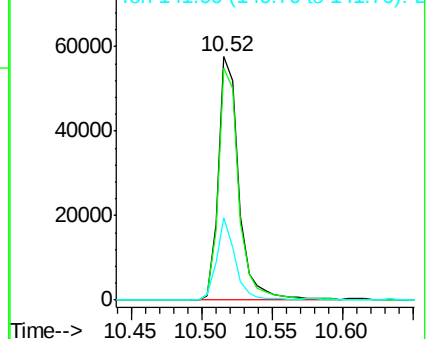
330 100

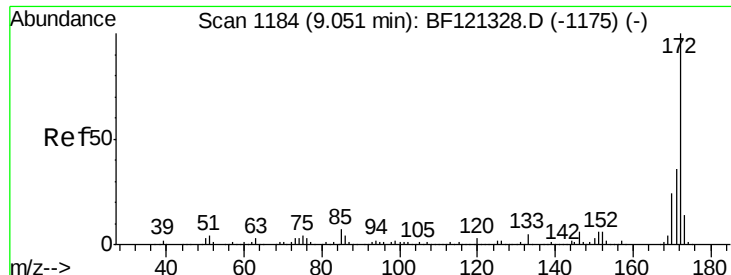
332 94.9 76.9 115.3

141 30.2 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

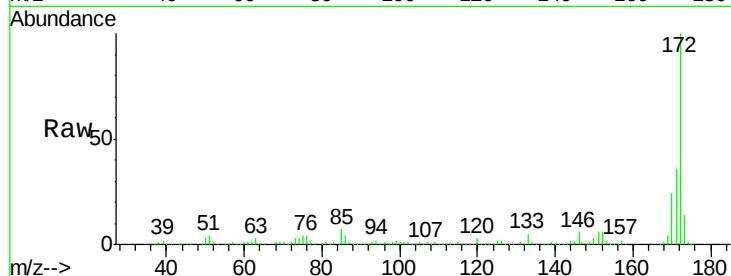




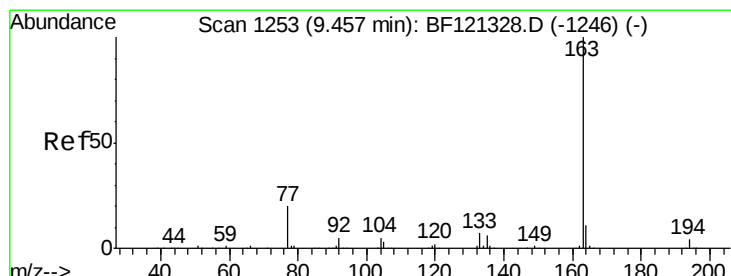
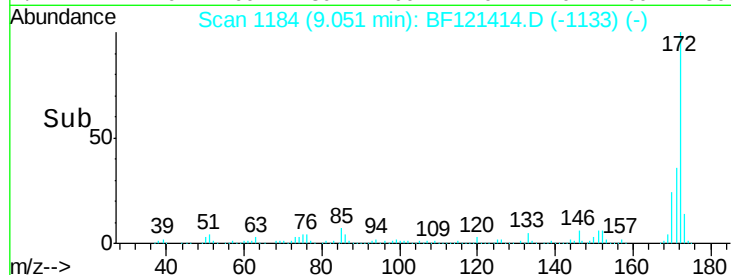
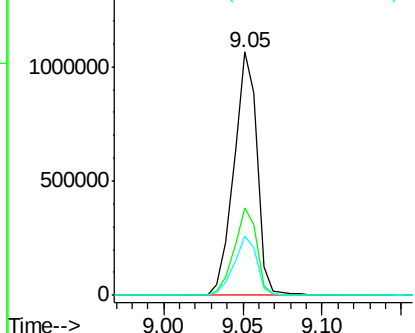
#45
2-Fluorobiphenyl
Concen: 47.776 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:172 Resp: 1078286
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.3 19.4 29.2

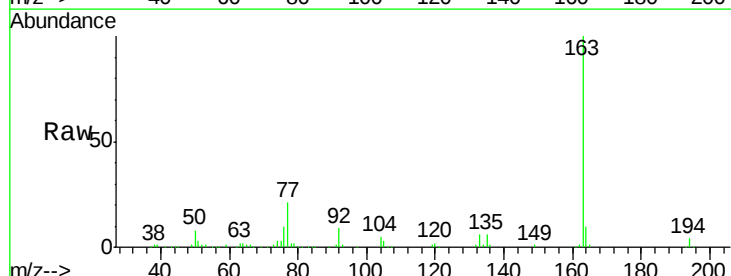


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

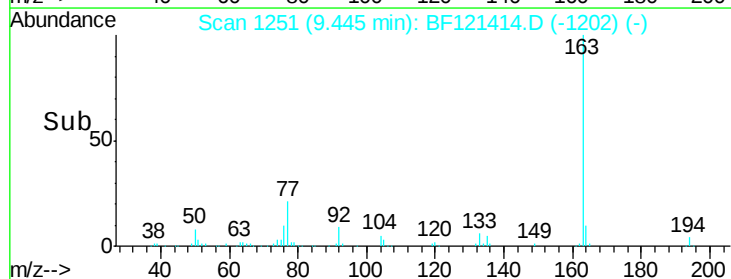
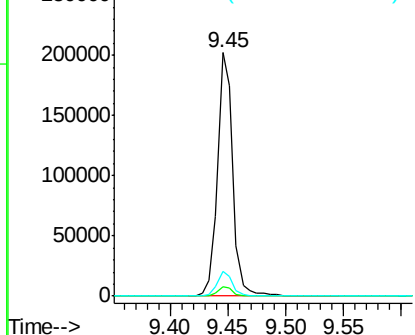


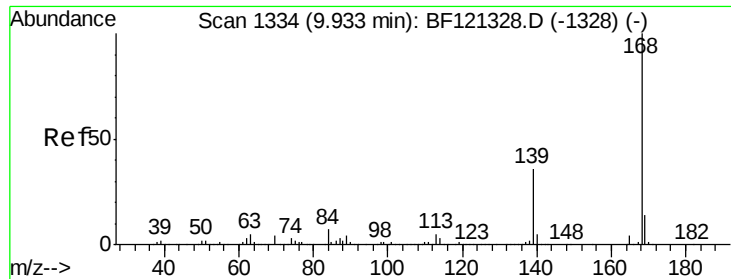
#50
Dimethylphthalate
Concen: 6.560 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:163 Resp: 184867
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.4 12.6



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

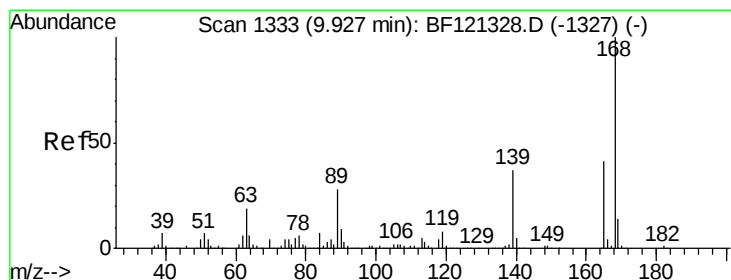
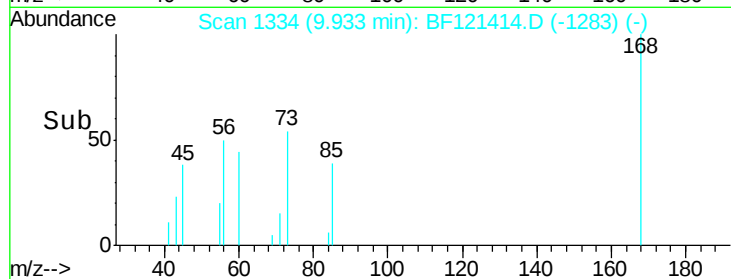
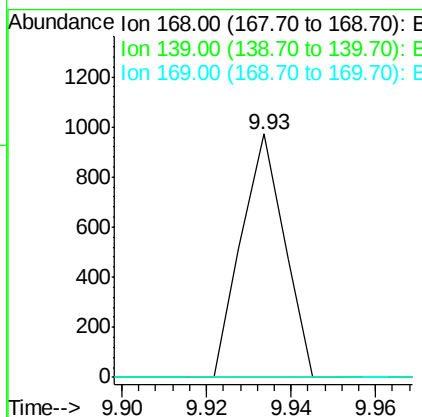
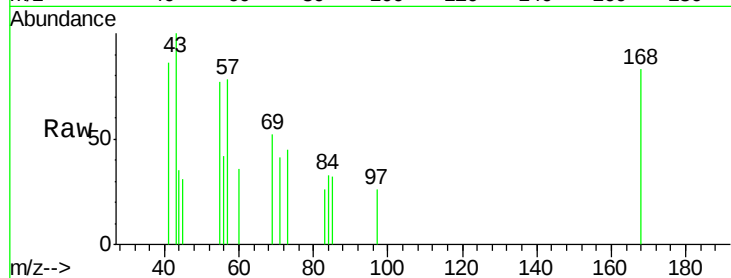




#55
Dibenzofuran
Concen: Below Cal
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

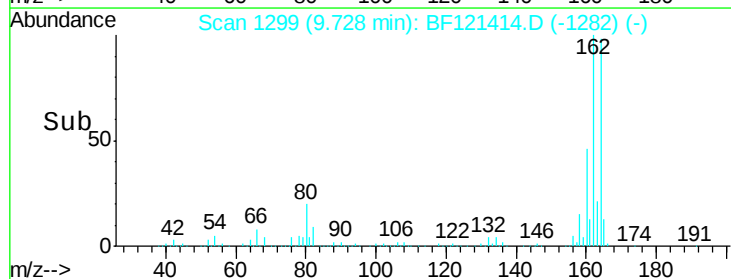
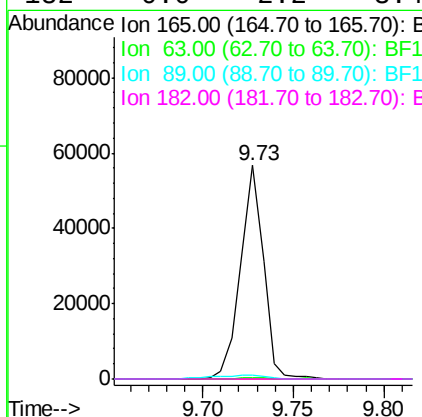
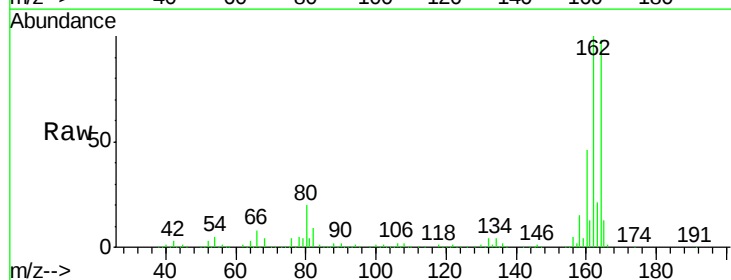
Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

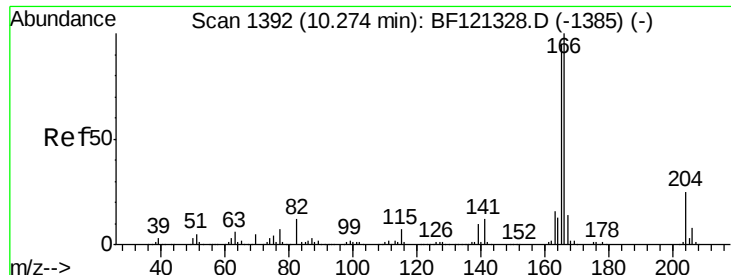
Tot Ion:168 Resp: 690
Ion Ratio Lower Upper
168 100
139 0.0 29.1 43.7#
169 0.0 11.0 16.6#



#57
2,4-Dinitrotoluene
Concen: 6.823 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:165 Resp: 50101
Ion Ratio Lower Upper
165 100
63 0.9 37.5 56.3#
89 2.1 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: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

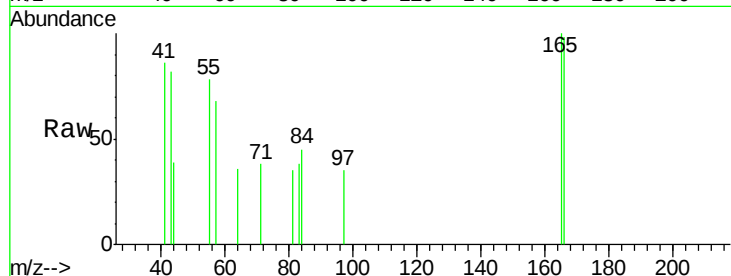
Tot Ion:166 Resp: 782

Ion Ratio Lower Upper

166 100

165 102.1 75.8 113.8

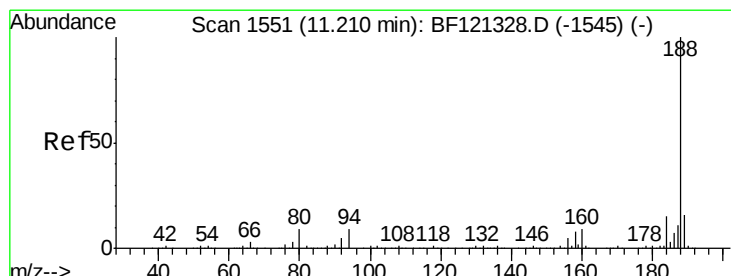
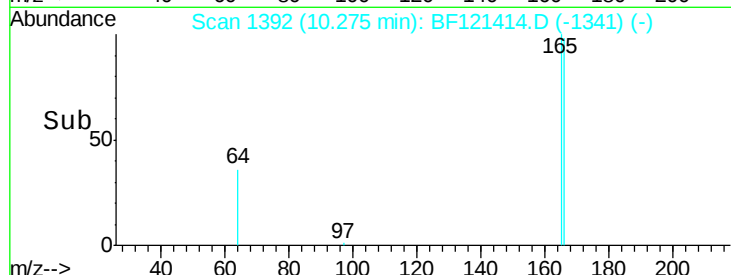
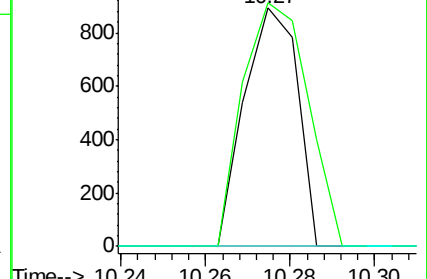
167 0.0 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

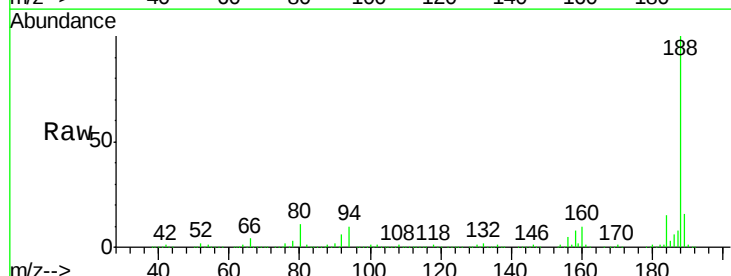
Tgt Ion:188 Resp: 729103

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

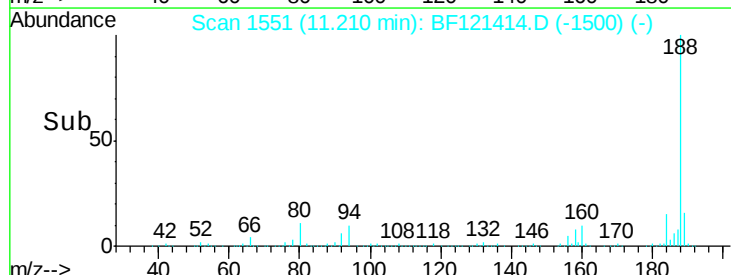
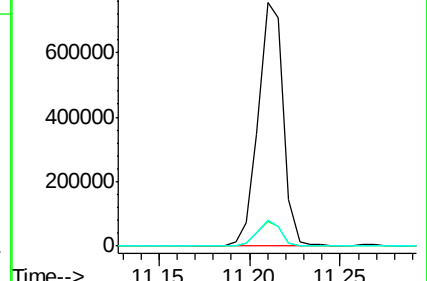
80 10.5 7.4 11.0

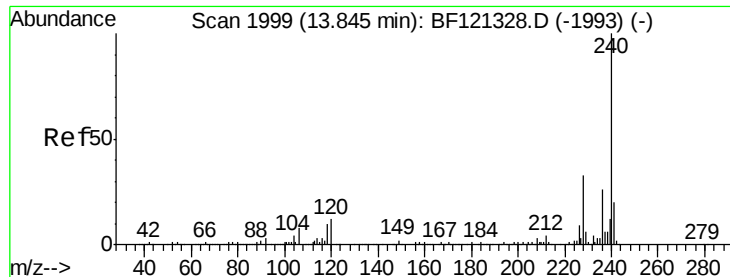


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

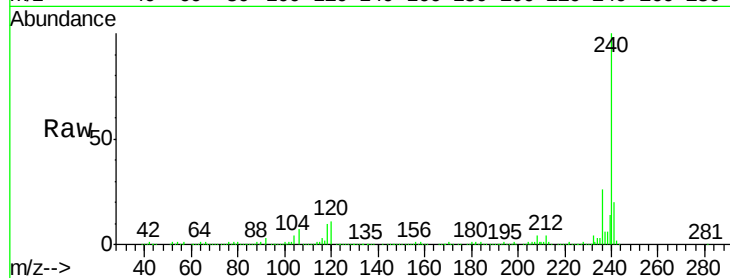
Tot Ion:240 Resp: 540584

Ion Ratio Lower Upper

240 100

120 11.1 9.6 14.4

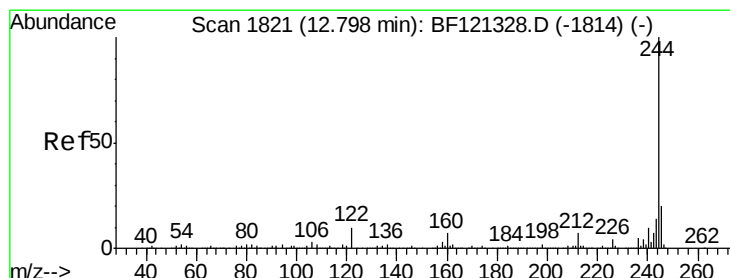
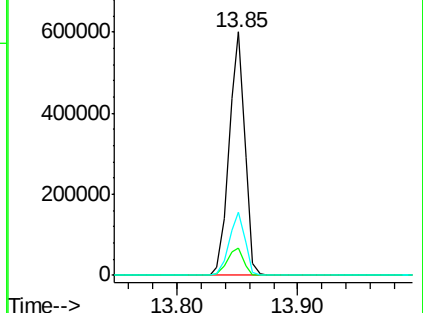
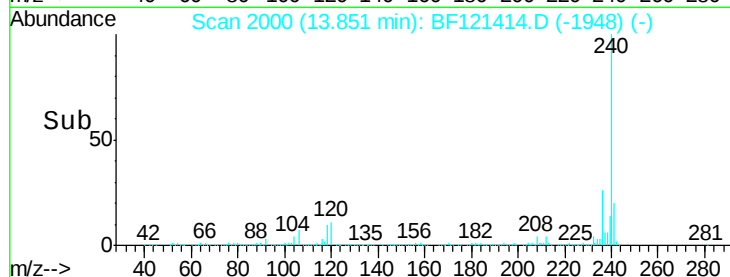
236 25.9 20.6 31.0



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: 33.842 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

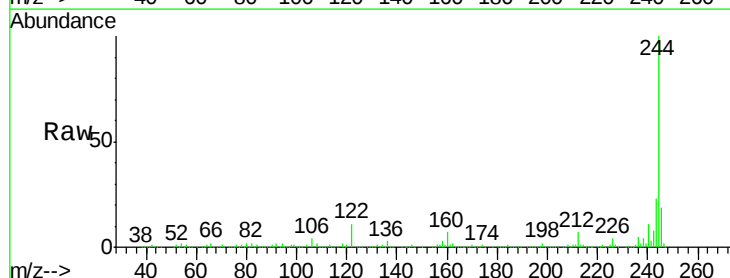
Tgt Ion:244 Resp: 936184

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

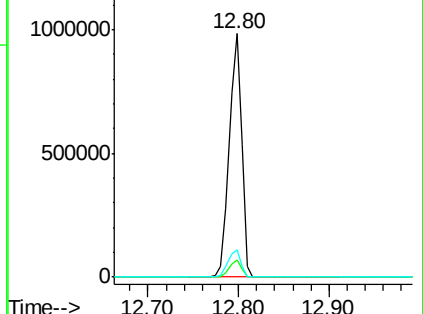
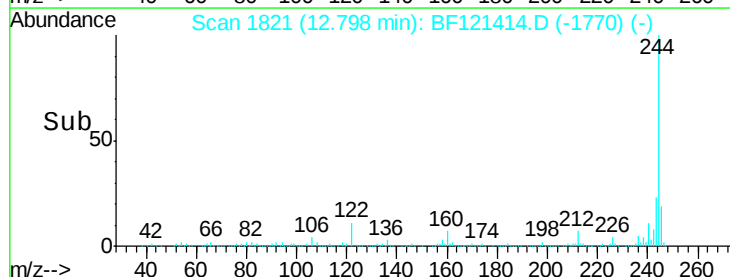
122 11.0 7.8 11.8

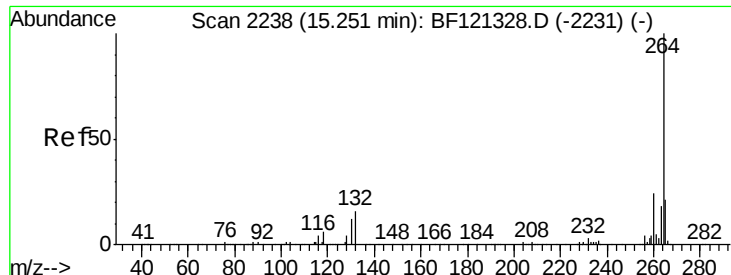


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

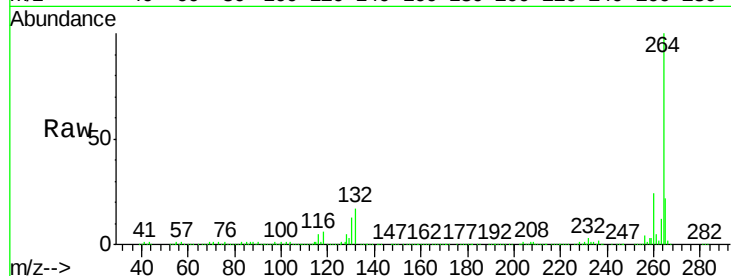




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. 0.01 min
 Lab File: BF121414.D
 Acq: 24 Aug 2020 23:03

Instrument :
 BNA_F
 ClientSampleId :
 20200511-AMENDED-DISCRETE-00

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	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

