

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121409.D
 Acq On : 24 Aug 2020 20:28
 Operator : JU/CG
 Sample : L3719-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200508-FIELD-BLANK

Quant Time: Aug 25 03:23:13 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

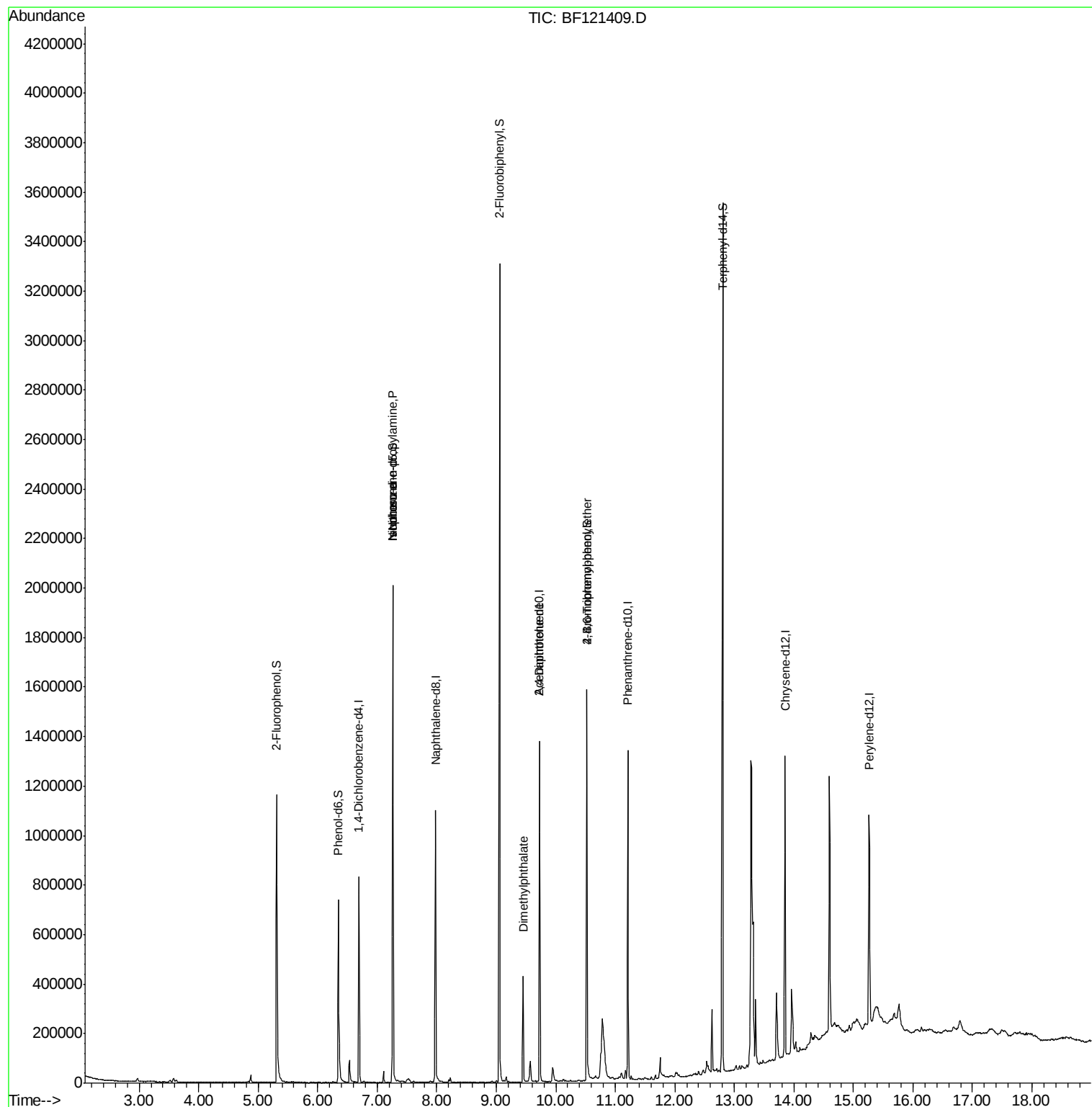
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	132705	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	526036	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	271180	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	529235	20.00	ng	0.00
76) Chrysene-d12	13.85	240	398218	20.00	ng	0.00
86) Perylene-d12	15.26	264	384933	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	401665	49.63	ng	0.01
7) Phenol-d6	6.35	99	312720	30.27	ng	0.00
23) Nitrobenzene-d5	7.26	82	672919	72.35	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	215334	68.14	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1153074	81.02	ng	0.00
79) Terphenyl-d14	12.80	244	1266739	62.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	88002	15.838	ng	# 77
25) Isophorone	7.26	82	666306	39.364	ng	# 65
50) Dimethylphthalate	9.45	163	178858	9.066	ng	# 99
55) Dibenzofuran	9.93	168	136	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	34766	6.764	ng	# 25
58) Fluorene	10.52	166	8726	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.52	248	12485	2.127	ng	# 1

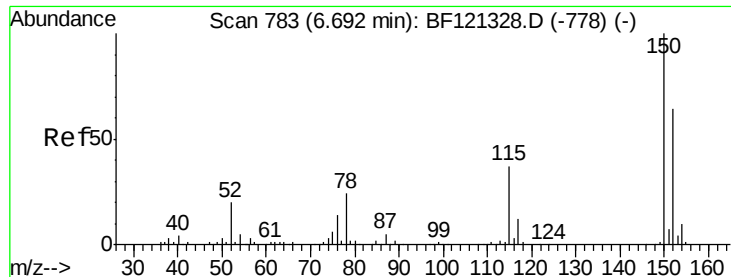
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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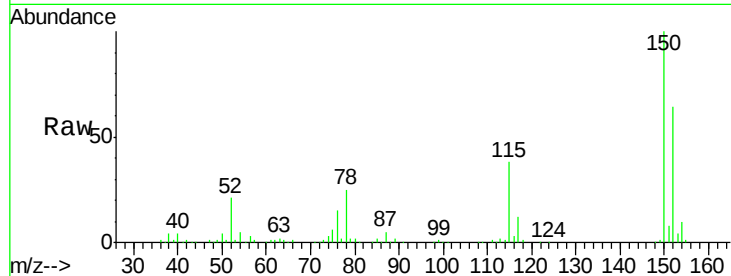


#1

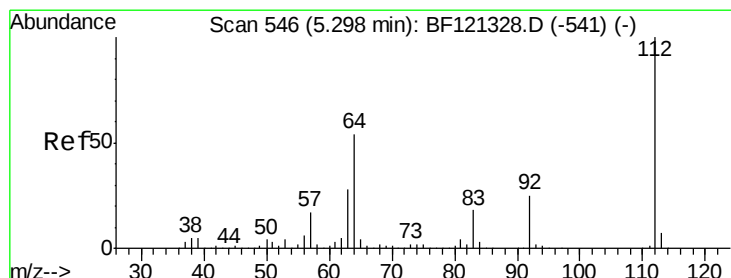
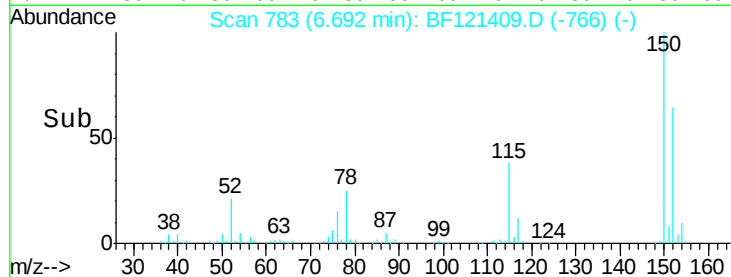
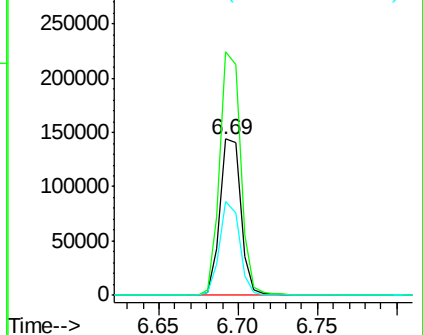
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.00 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

Instrument :
 BNA_F
 ClientSampleId :
 20200508-FIELD-BLANK

Tot Ion:152 Resp: 132705
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.8 187.2
 115 60.1 46.1 69.1



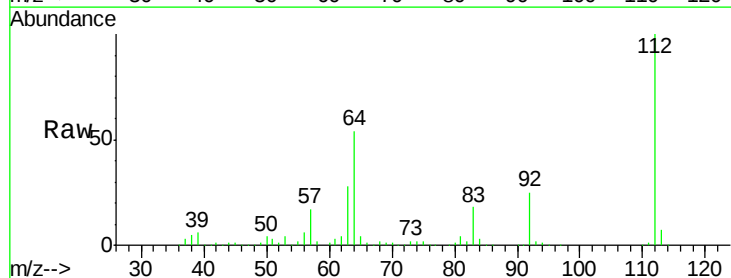
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



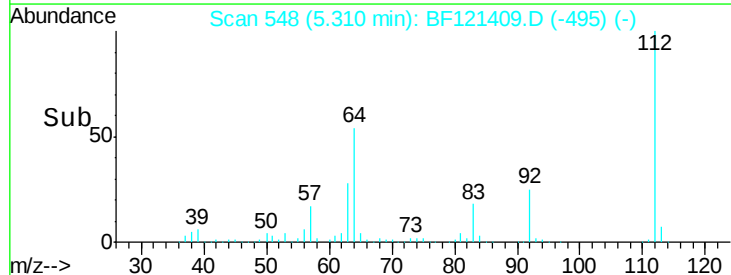
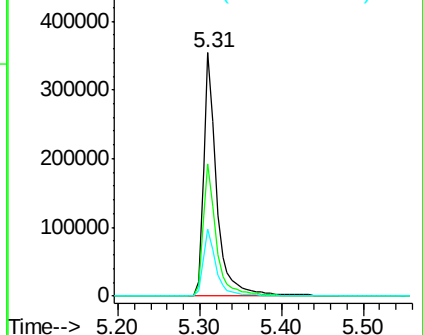
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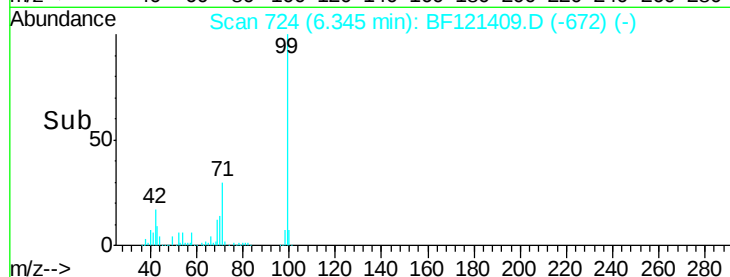
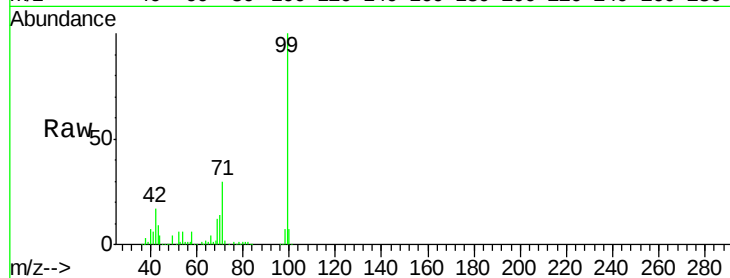
2-Fluorophenol
 Concen: 49.631 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

Tgt Ion:112 Resp: 401665
 Ion Ratio Lower Upper
 112 100
 64 54.5 43.5 65.3
 63 27.5 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: 30.268 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

Instrument :

BNA_F

ClientSampleId :

20200508-FIELD-BLANK

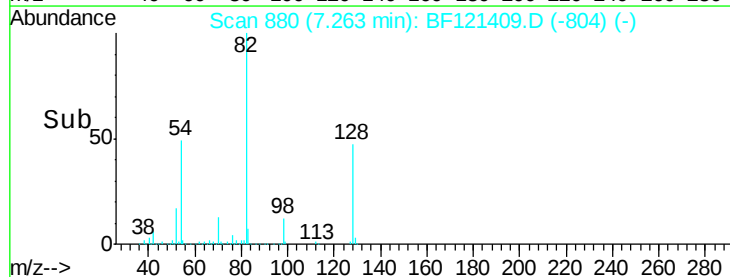
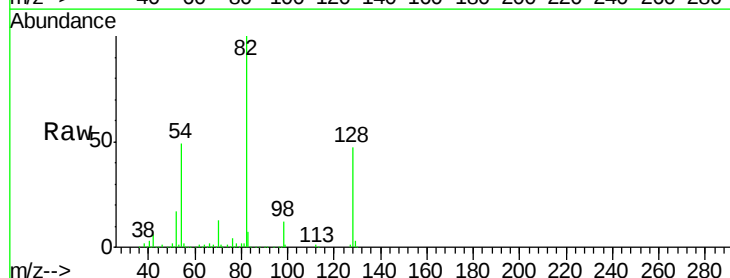
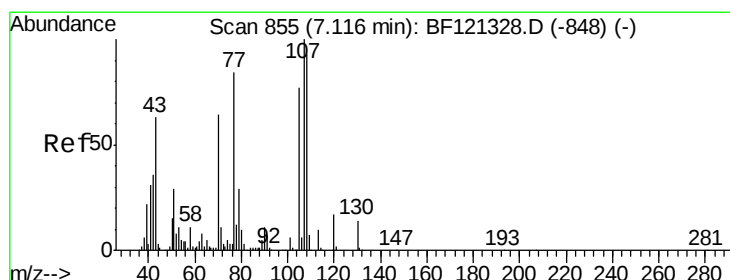
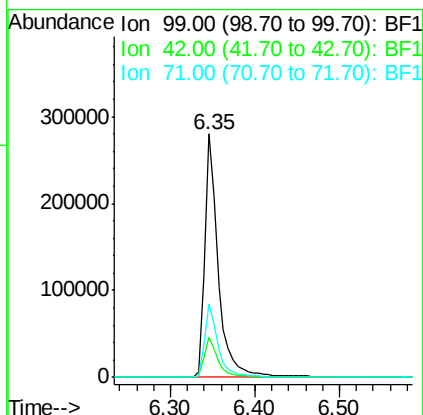
Tot Ion: 99 Resp: 312720

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 29.9 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 15.838 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

Tgt Ion: 70 Resp: 88002

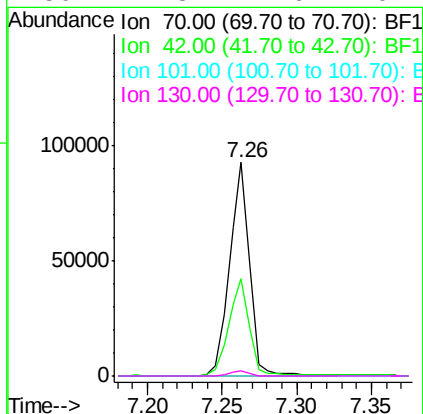
Ion Ratio Lower Upper

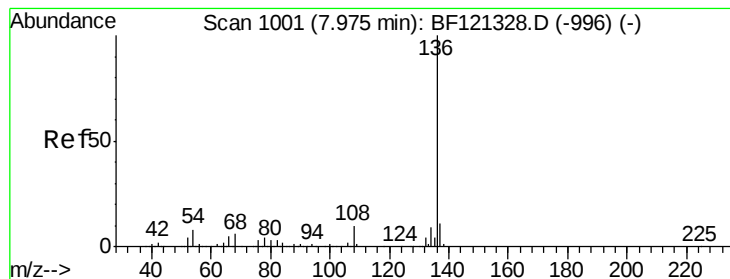
70 100

42 45.5 45.2 67.8

101 0.0 7.7 11.5#

130 2.3 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: BF121409.D

Acq: 24 Aug 2020 20:28

Instrument :

BNA_F

ClientSampleId :

20200508-FIELD-BLANK

Tot Ion:136 Resp: 526036

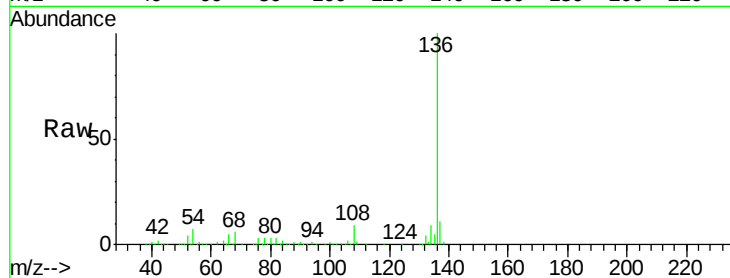
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 6.9 6.1 9.1

68 5.8 5.0 7.4

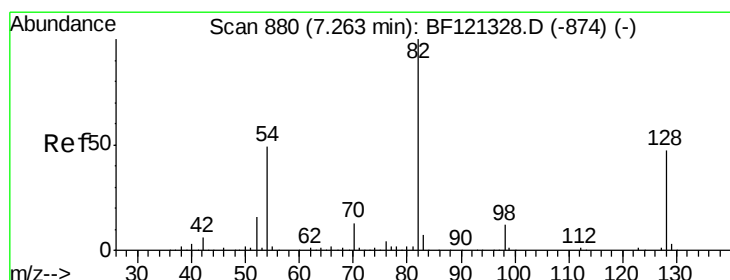
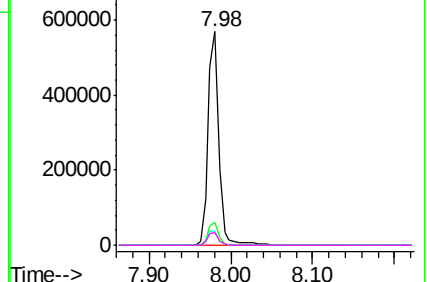
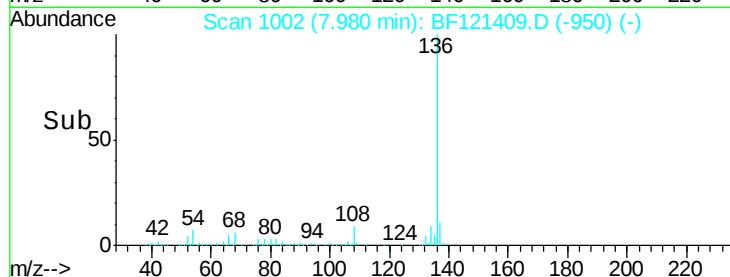


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.348 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

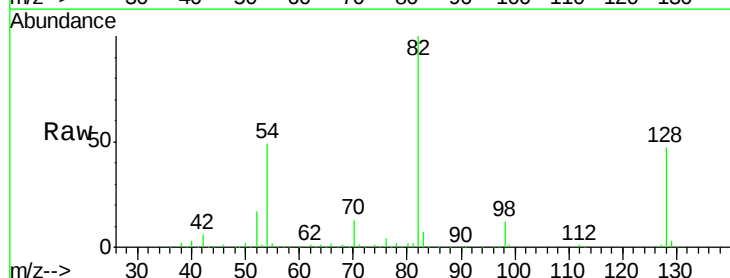
Tgt Ion: 82 Resp: 672919

Ion Ratio Lower Upper

82 100

128 47.2 37.9 56.9

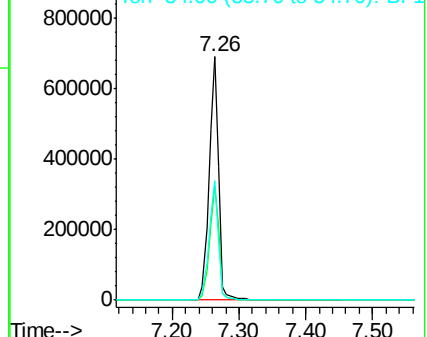
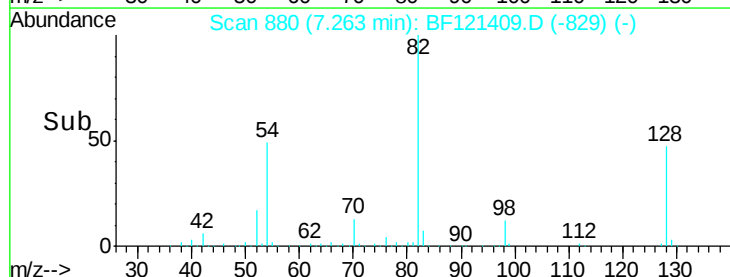
54 48.8 39.0 58.4

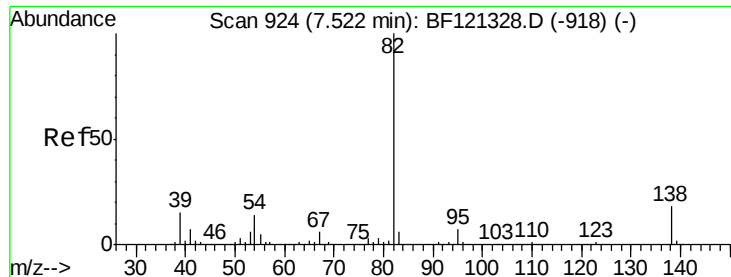


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 39.364 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

Instrument :

BNA_F

ClientSampleId :

20200508-FIELD-BLANK

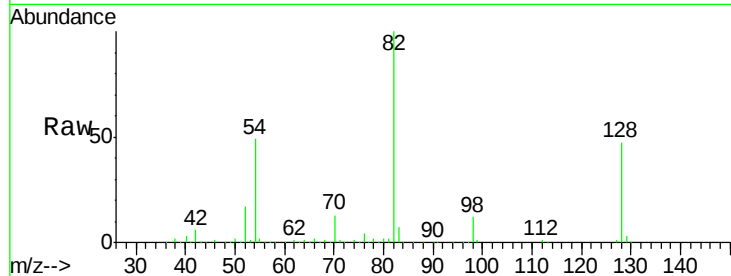
Tot Ion: 82 Resp: 666306

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

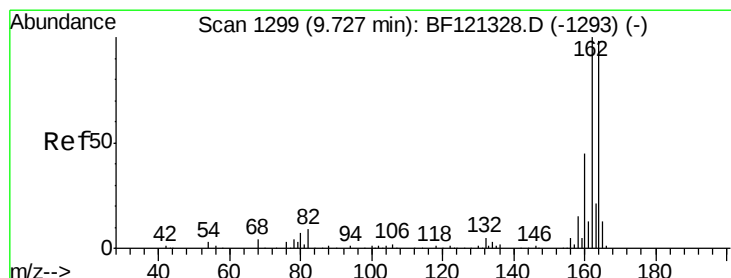
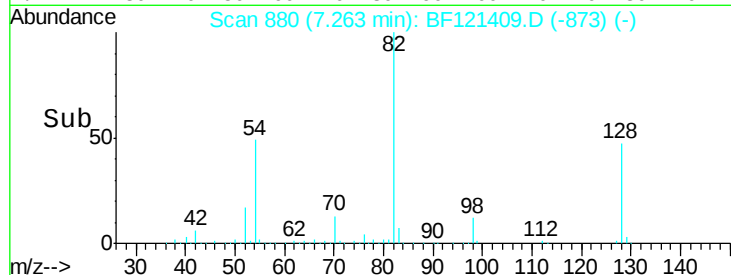
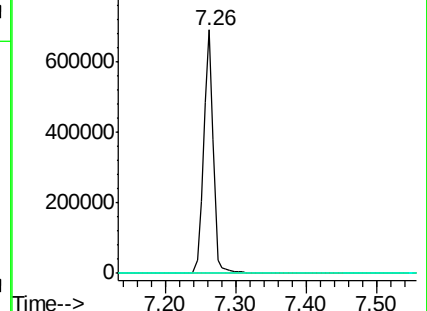
138 0.0 14.6 21.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

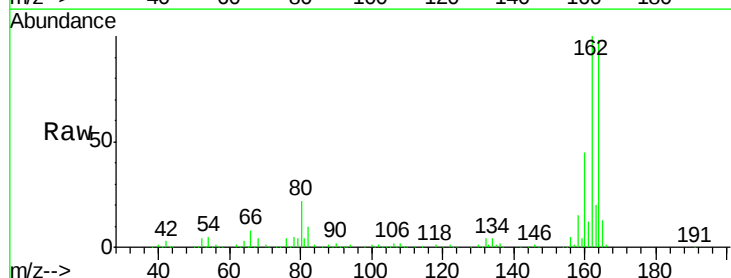
Tgt Ion: 164 Resp: 271180

Ion Ratio Lower Upper

164 100

162 101.6 81.7 122.5

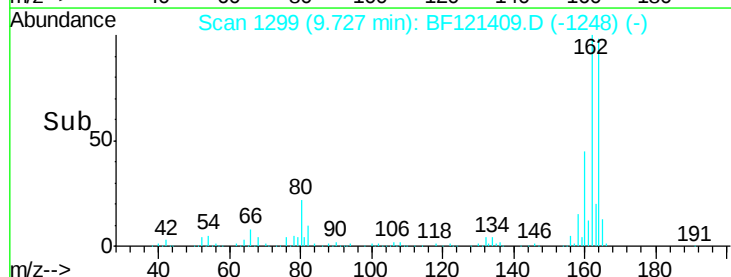
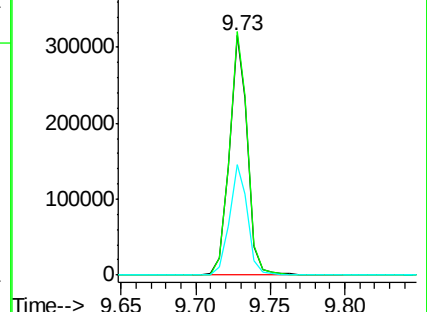
160 46.0 37.0 55.4

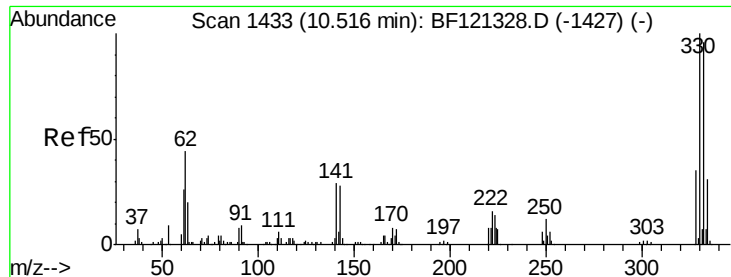


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

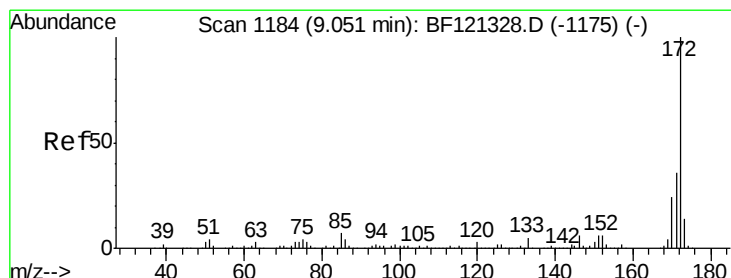
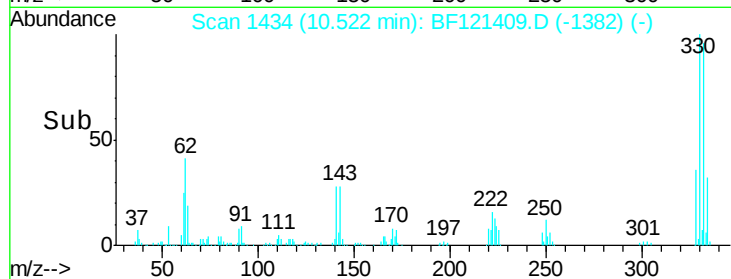
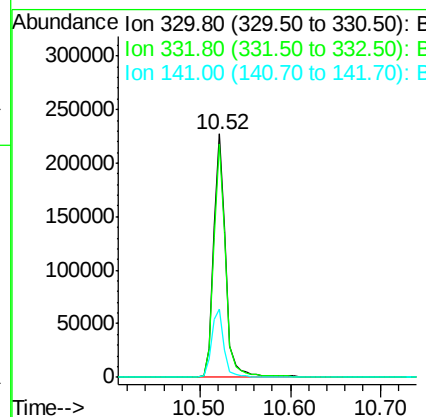
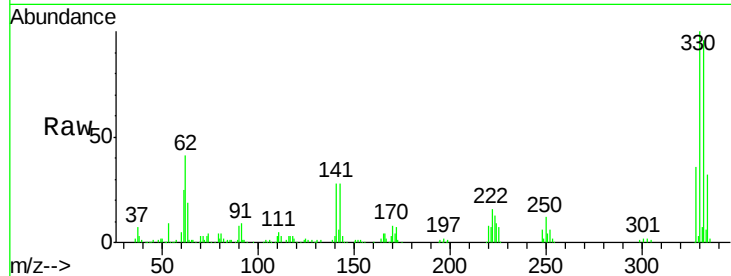




#42
 2,4,6-Tribromophenol
 Concen: 68.141 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

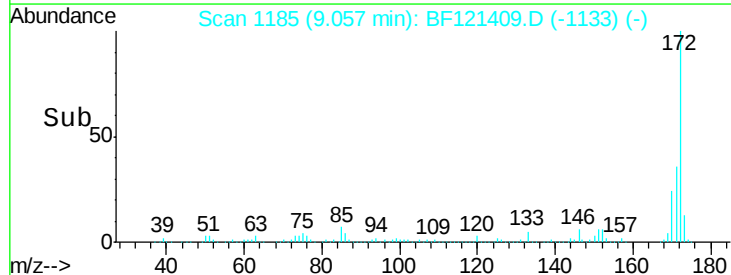
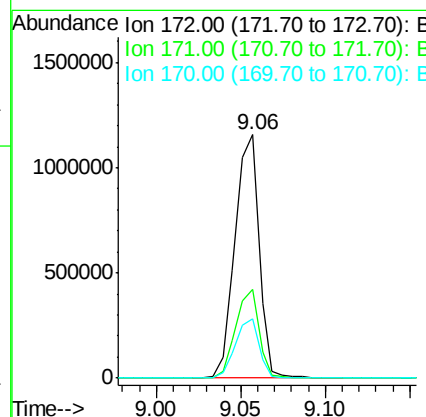
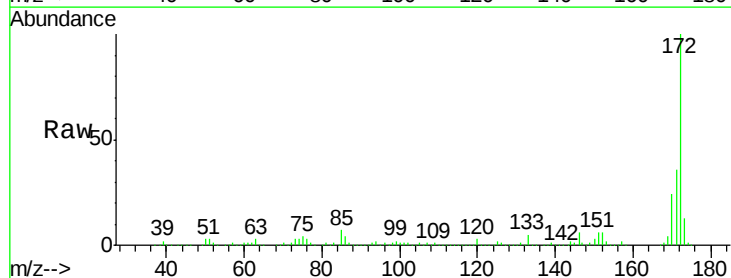
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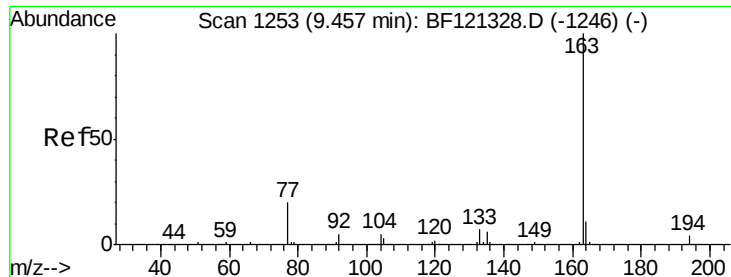
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	29.5	22.8	34.2



#45
 2-Fluorobiphenyl
 Concen: 81.022 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.0	43.6
170	24.1	19.4	29.2





#50

Dimethylphthalate

Concen: 9.066 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

Instrument :

BNA_F

ClientSampleId :

20200508-FIELD-BLANK

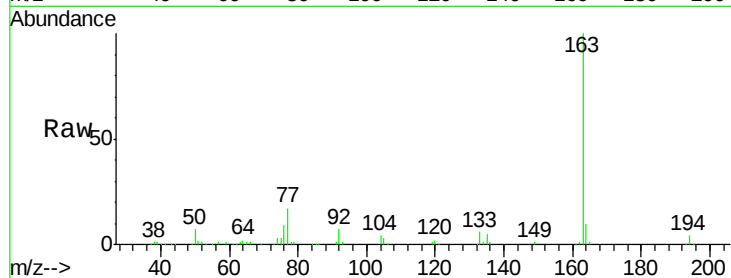
Tot Ion:163 Resp: 178858

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

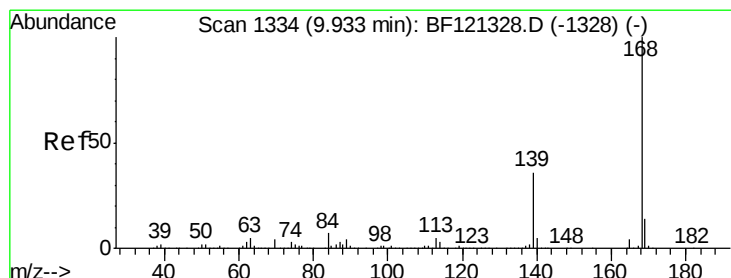
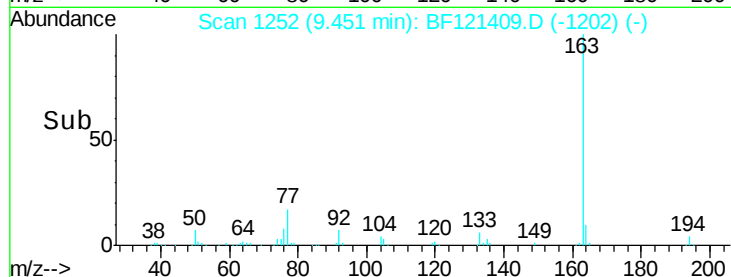
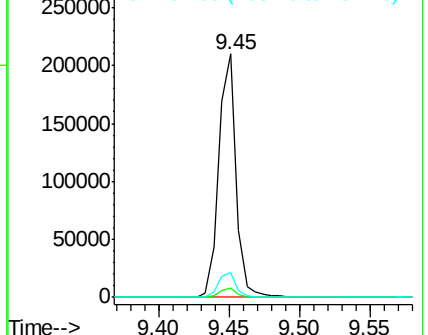
164 9.9 8.4 12.6



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: BF121409.D

Acq: 24 Aug 2020 20:28

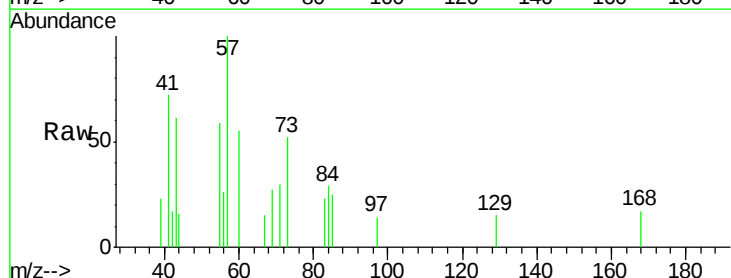
Tgt Ion:168 Resp: 136

Ion Ratio Lower Upper

168 100

139 0.0 29.1 43.7#

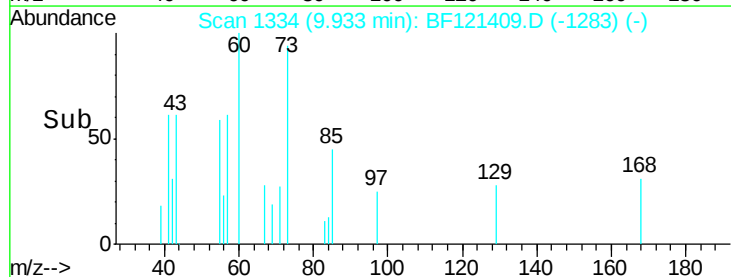
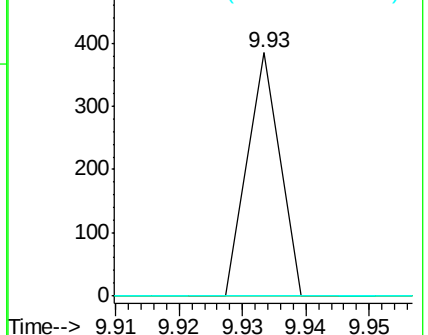
169 0.0 11.0 16.6#

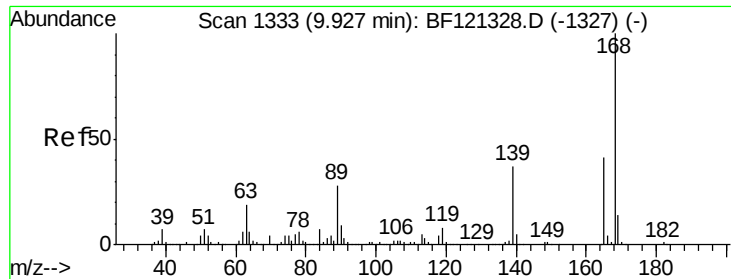


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

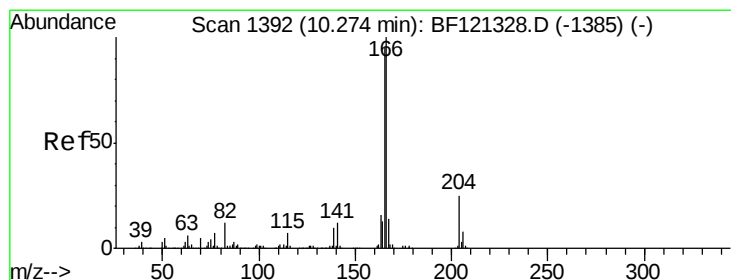
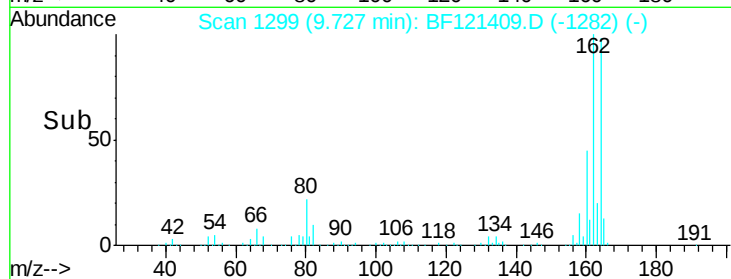
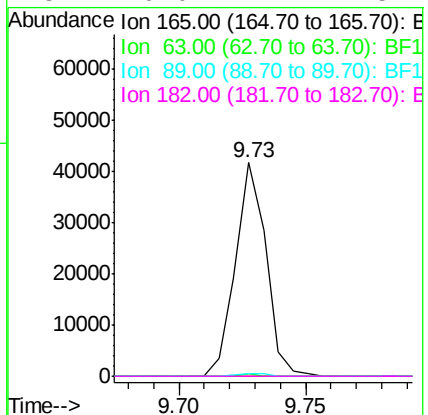
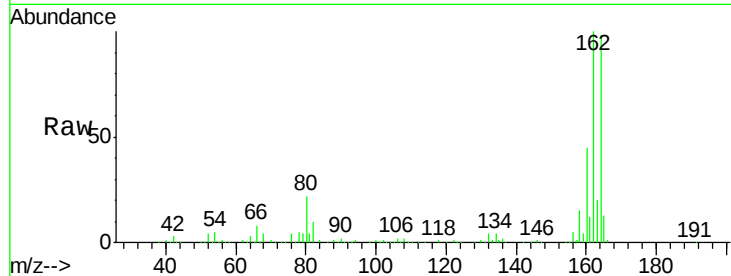




#57
 2,4-Dinitrotoluene
 Concen: 6.764 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

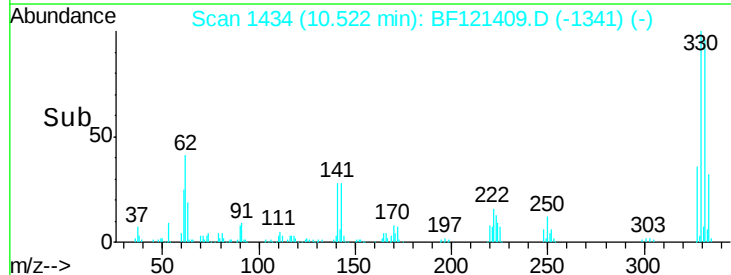
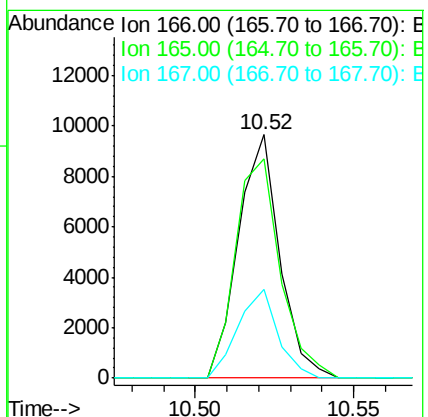
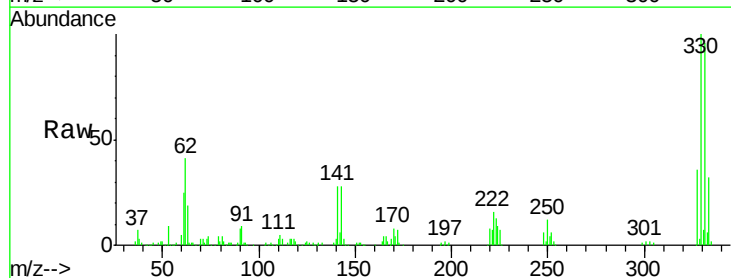
Instrument :
 BNA_F
 ClientSampleId :
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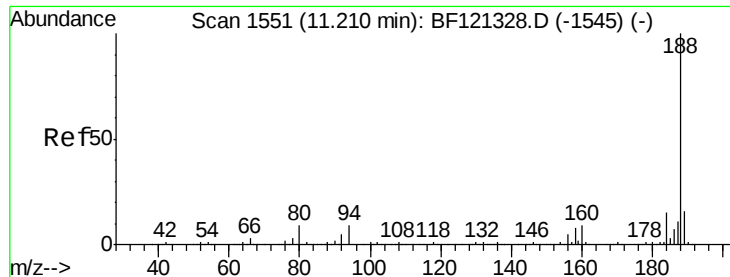
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.25 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

Tgt Ion	Ratio	Lower	Upper
166	100		
165	89.9	75.8	113.8
167	36.6	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

Instrument :

BNA_F

ClientSampleId :

20200508-FIELD-BLANK

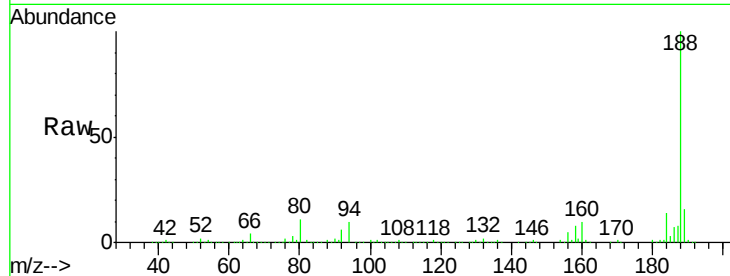
Tot Ion:188 Resp: 529235

Ion Ratio Lower Upper

188 100

94 10.2 7.2 10.8

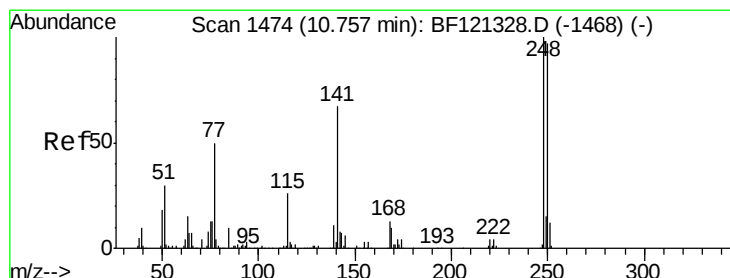
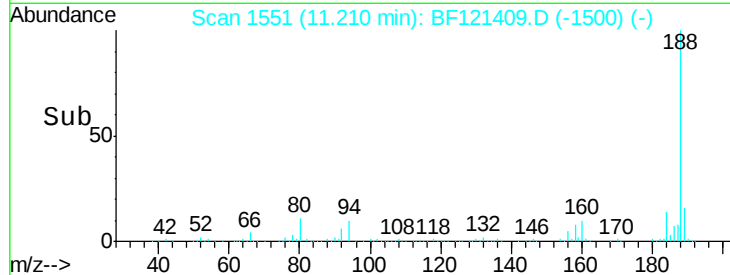
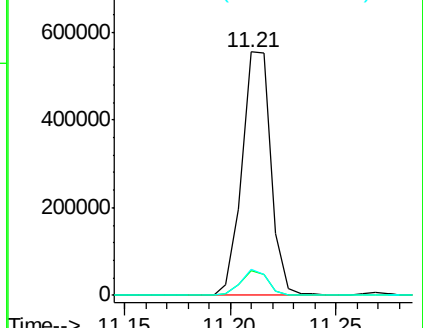
80 10.9 7.4 11.0



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: 2.127 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.24 min

Lab File: BF121409.D

Acq: 24 Aug 2020 20:28

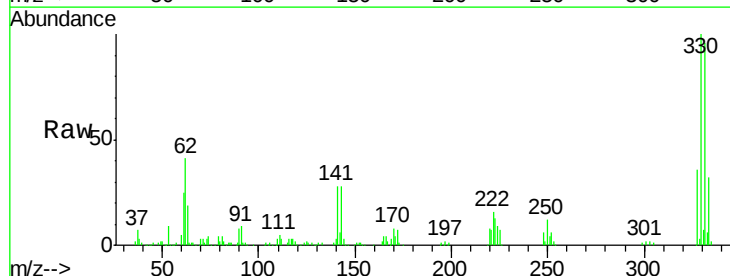
Tgt Ion:248 Resp: 12485

Ion Ratio Lower Upper

248 100

250 197.3 77.9 116.9#

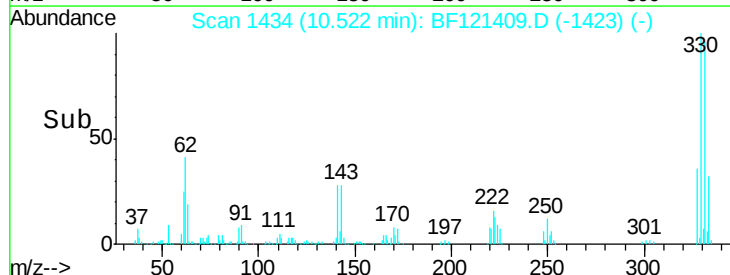
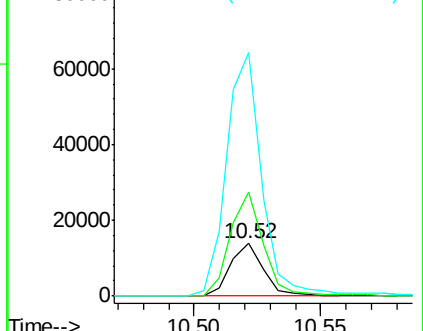
141 462.7 53.5 80.3#

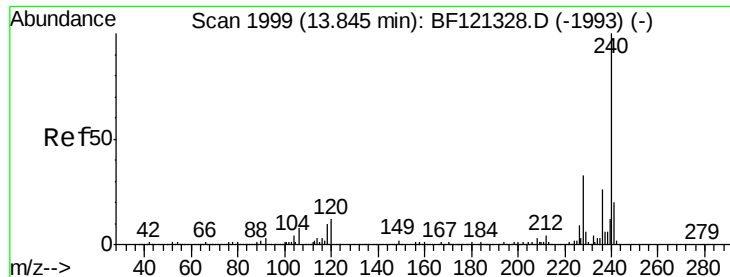


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

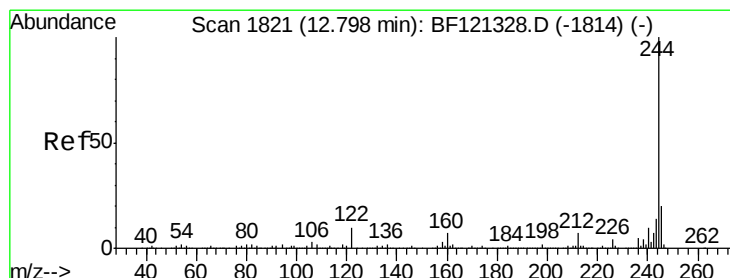
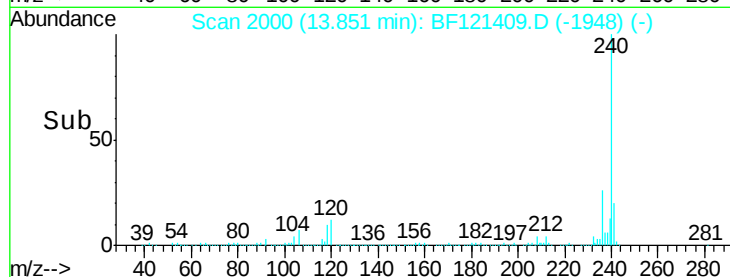
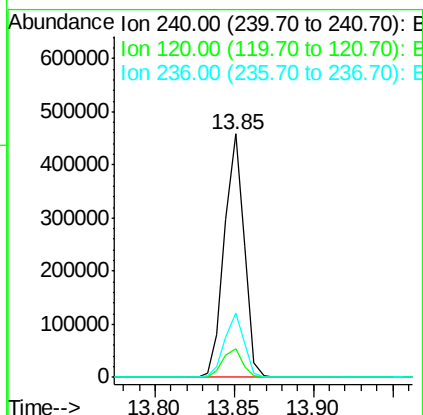
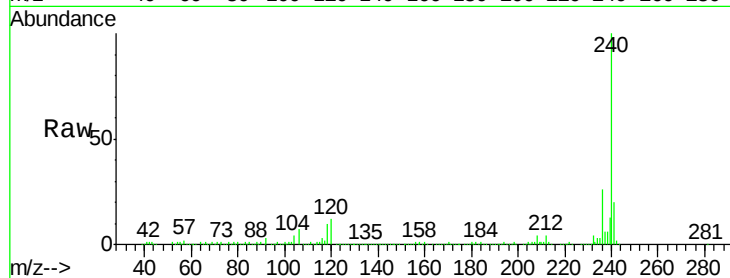




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

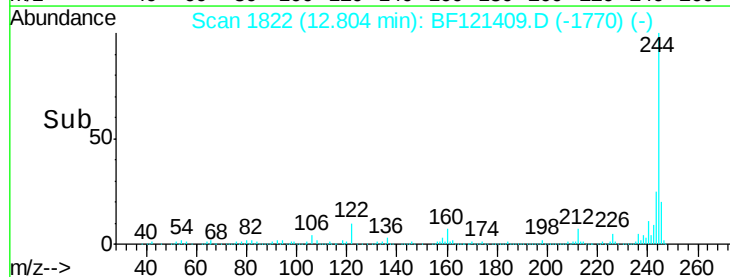
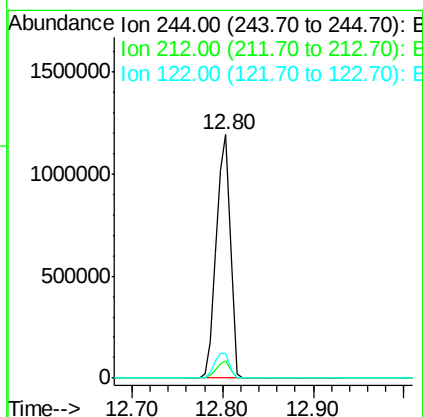
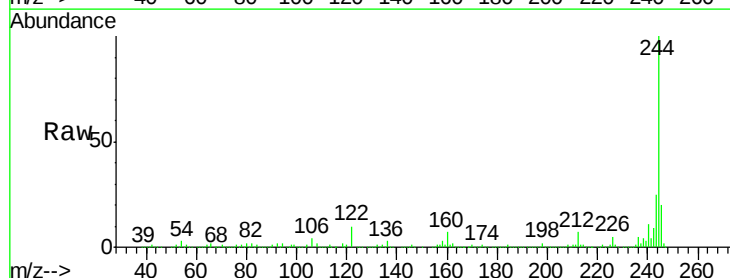
Instrument :
 BNA_F
 ClientSampleId :
 20200508-FIELD-BLANK

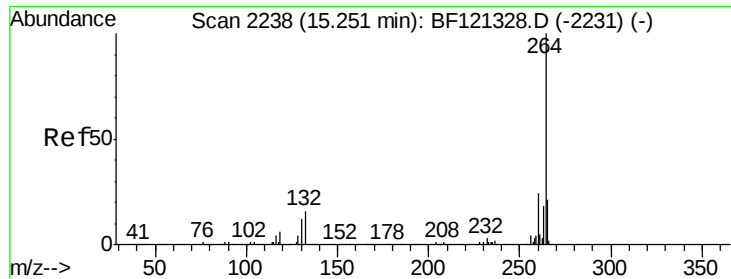
Tot Ion:240 Resp: 398218
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.6 14.4
 236 26.3 20.6 31.0



#79
 Terphenyl-d14
 Concen: 62.162 ng
 RT: 12.80 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BF121409.D
 Acq: 24 Aug 2020 20:28

Tgt Ion:244 Resp: 1266739
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.2 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121409.D
Acq: 24 Aug 2020 20:28

Instrument :
BNA_F
ClientSampleId :
20200508-FIELD-BLANK

Tot Ion:	264	Resp:	384933
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.1	17.1	25.7

