

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121423.D
 Acq On : 25 Aug 2020 12:42
 Operator : JU/CG
 Sample : PB131184BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

Quant Time: Aug 25 13:15:31 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

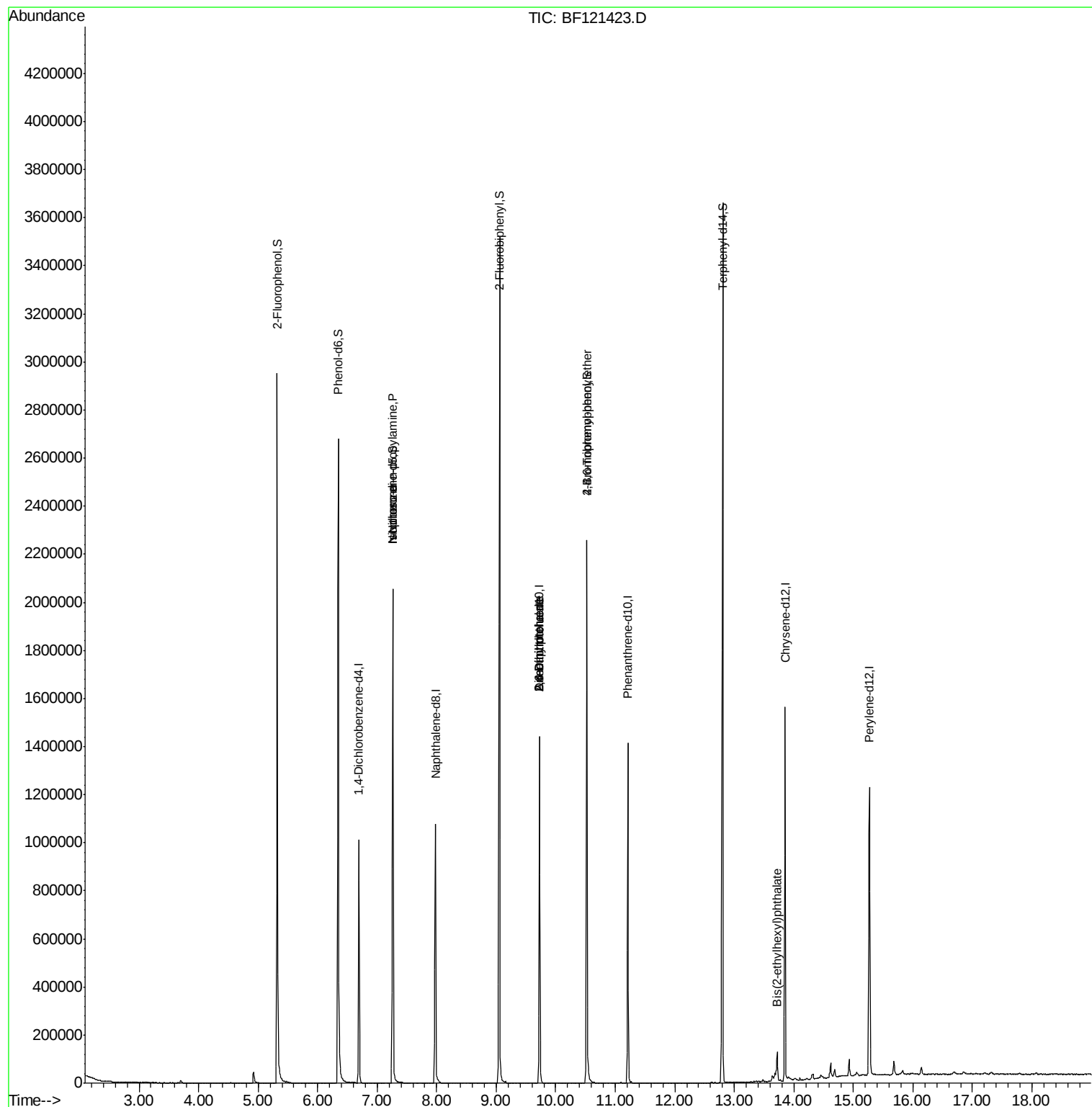
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	158133	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	606673	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	309250	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	597896	20.00	ng	0.00
76) Chrysene-d12	13.85	240	516855	20.00	ng	0.00
86) Perylene-d12	15.27	264	538612	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	984071	102.04	ng	0.02
7) Phenol-d6	6.35	99	1232595	100.12	ng	0.00
23) Nitrobenzene-d5	7.26	82	834295	77.78	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	366059	101.58	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1400525	87.29	ng	0.00
79) Terphenyl-d14	12.80	244	1442970	54.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	108404	16.373	ng	# 78
25) Isophorone	7.26	82	826403	42.333	ng	# 65
50) Dimethylphthalate	9.73	163	62798	2.791	ng	# 1
51) 2,6-Dinitrotoluene	9.73	165	39806	8.284	ng	# 29
57) 2,4-Dinitrotoluene	9.73	165	39806	6.791	ng	# 25
58) Fluorene	10.52	166	13714	Below Cal		# 88
67) 4-Bromophenyl-phenylether	10.52	248	20382	3.073	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.72	149	48831	2.489	ng	# 53

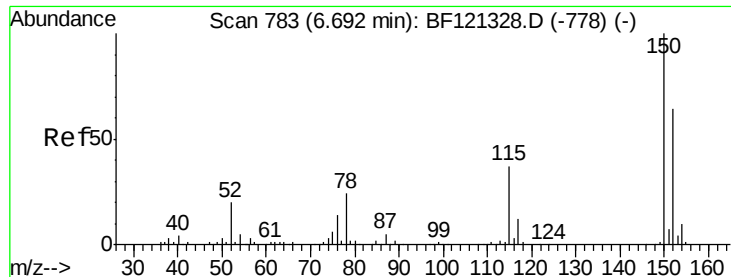
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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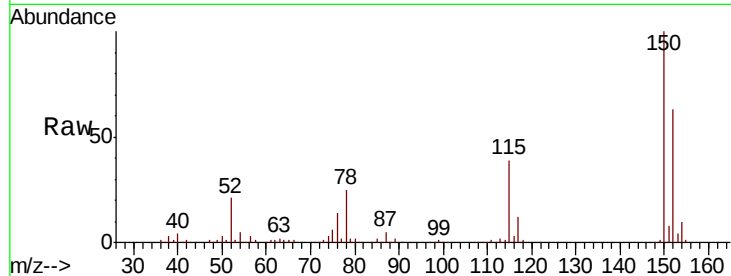


#1

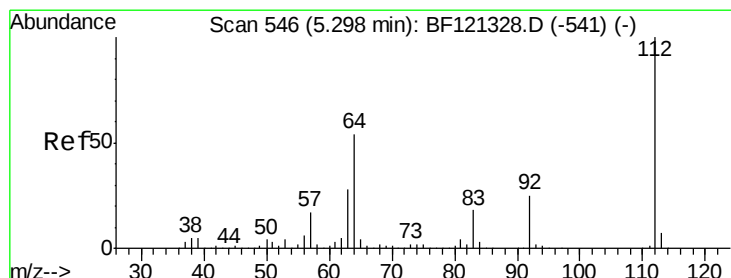
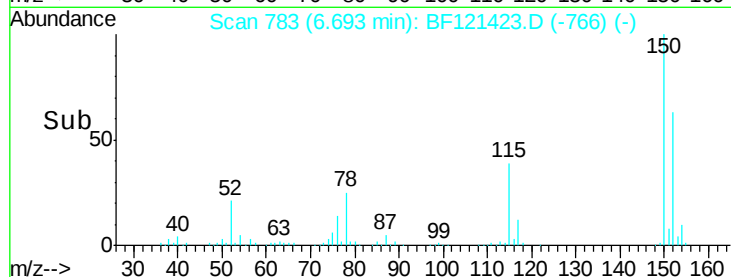
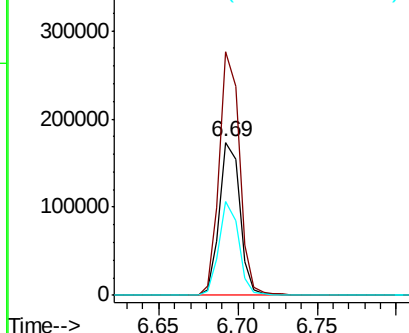
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

Instrument :
BNA_F
ClientSampleId :
PB131184BL

Tot Ion:152 Resp: 158133
Ion Ratio Lower Upper
152 100
150 159.4 124.8 187.2
115 61.5 46.1 69.1



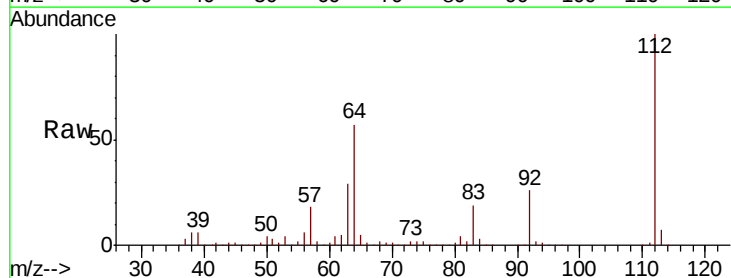
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



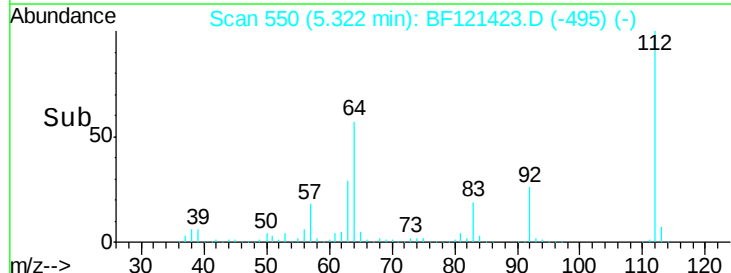
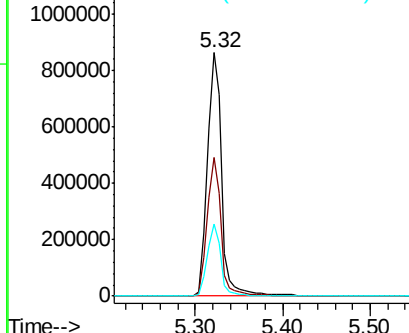
#5

2-Fluorophenol
Concen: 102.042 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.02 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

Tgt Ion:112 Resp: 984071
Ion Ratio Lower Upper
112 100
64 57.0 43.5 65.3
63 29.4 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: 100.120 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

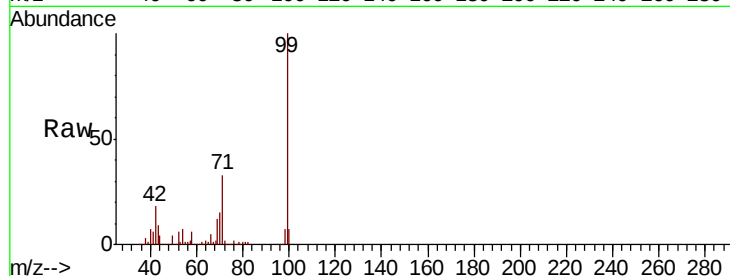
Tot Ion: 99 Resp: 1232595

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

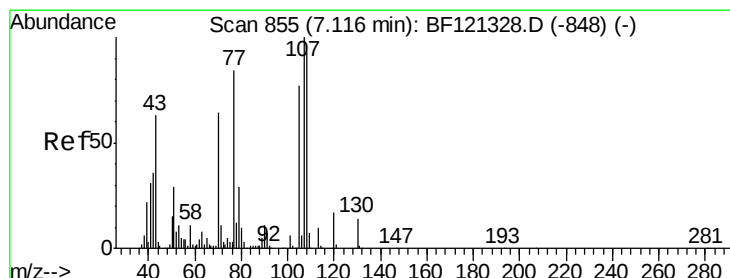
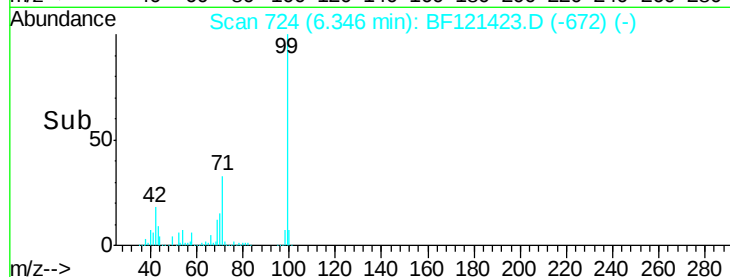
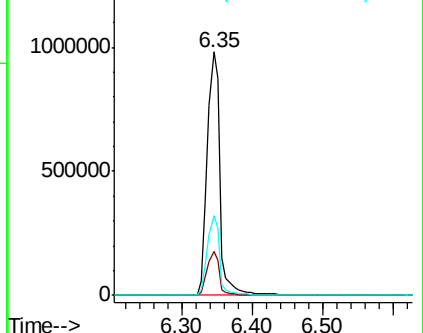
71 32.9 25.2 37.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.373 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Tgt Ion: 70 Resp: 108404

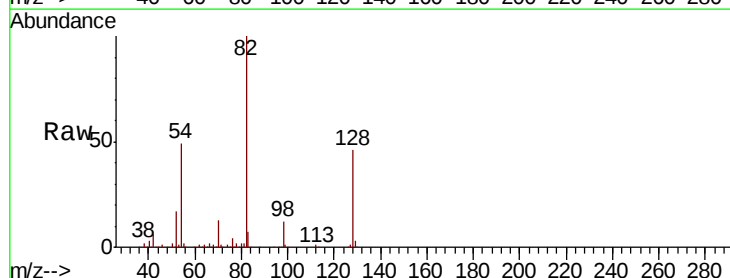
Ion Ratio Lower Upper

70 100

42 46.1 45.2 67.8

101 0.0 7.7 11.5#

130 2.3 17.6 26.4#

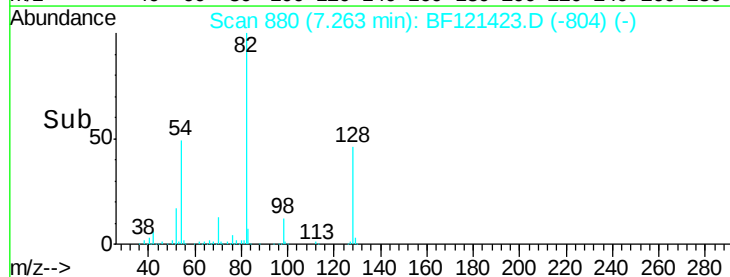
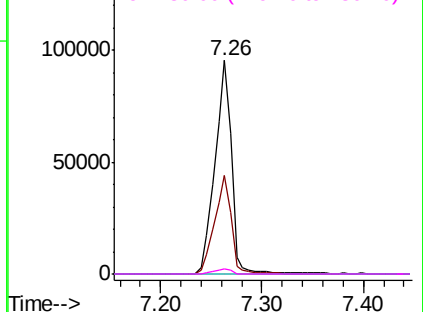


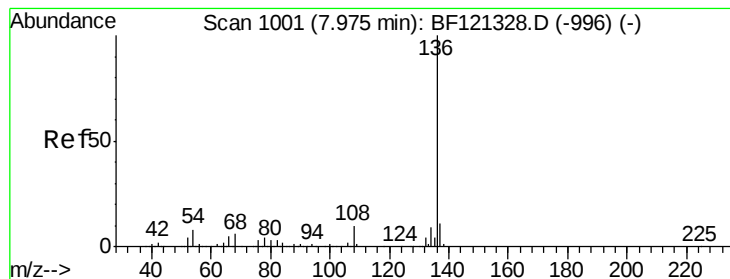
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

Tot Ion:136 Resp: 606673

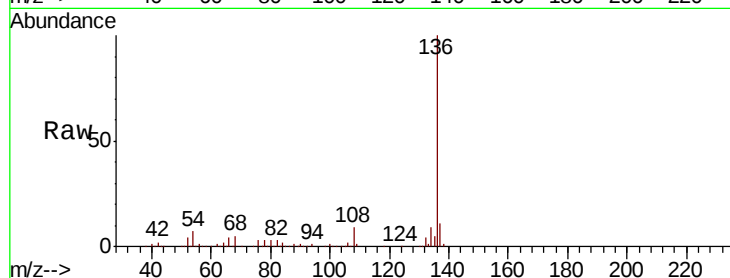
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.6 6.1 9.1

68 5.3 5.0 7.4

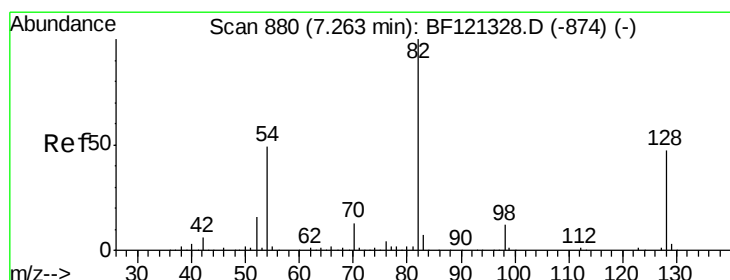
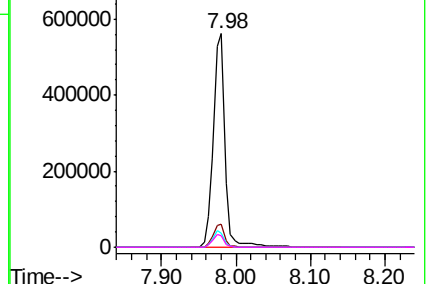
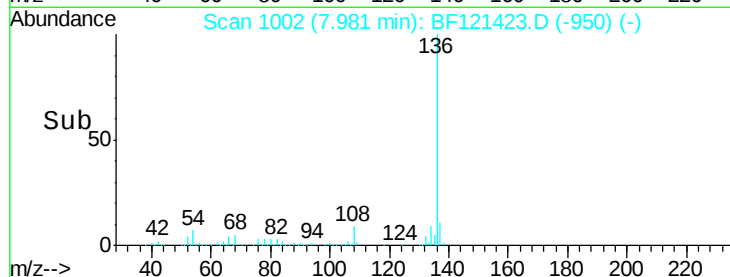


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.776 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

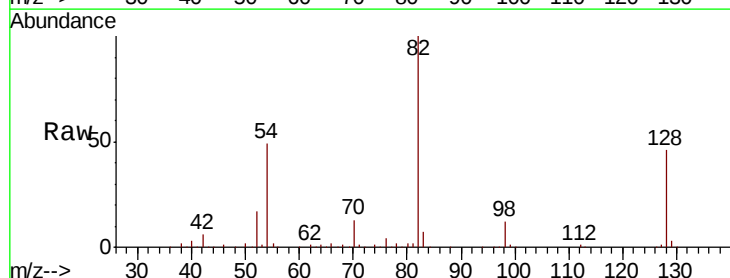
Tgt Ion: 82 Resp: 834295

Ion Ratio Lower Upper

82 100

128 46.2 37.9 56.9

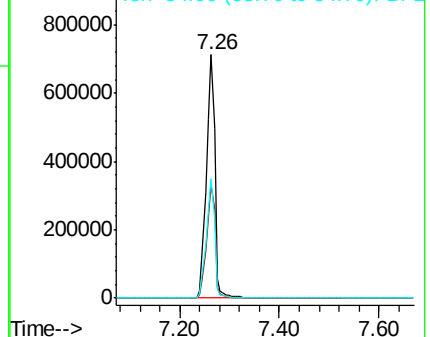
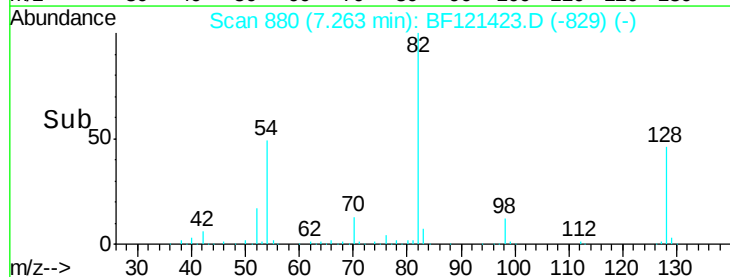
54 48.9 39.0 58.4

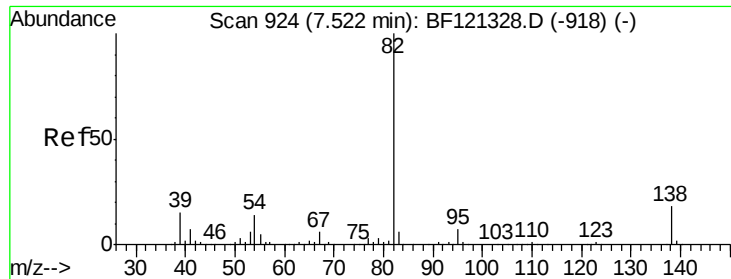


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.333 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.26 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

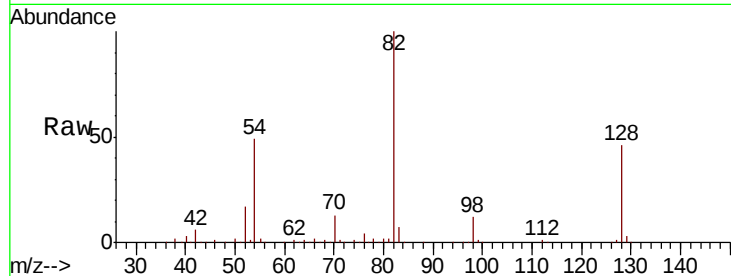
Tot Ion: 82 Resp: 826403

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

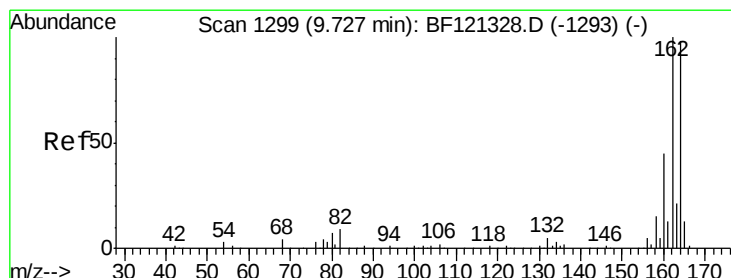
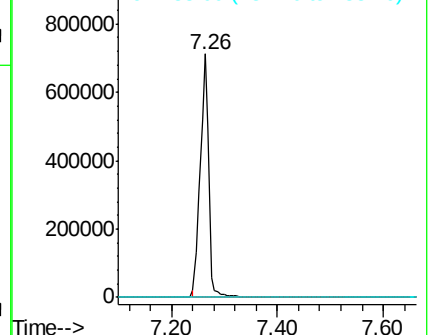
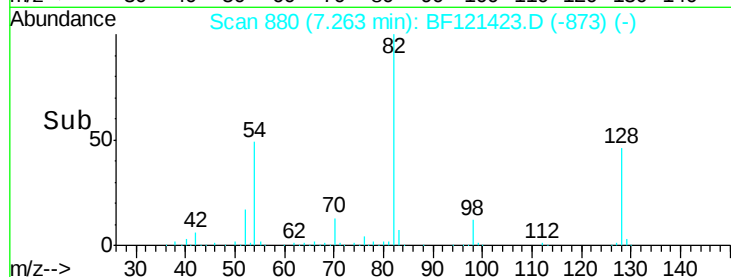
138 0.0 14.6 21.8#



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: BF121423.D

Acq: 25 Aug 2020 12:42

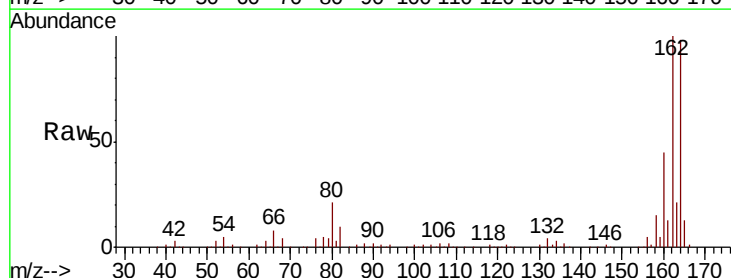
Tgt Ion:164 Resp: 309250

Ion Ratio Lower Upper

164 100

162 102.1 81.7 122.5

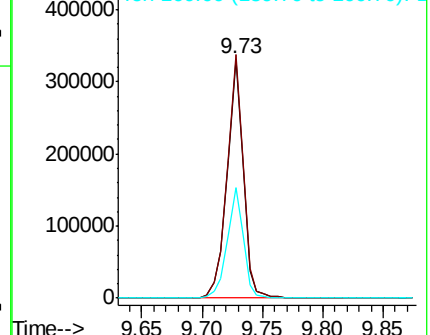
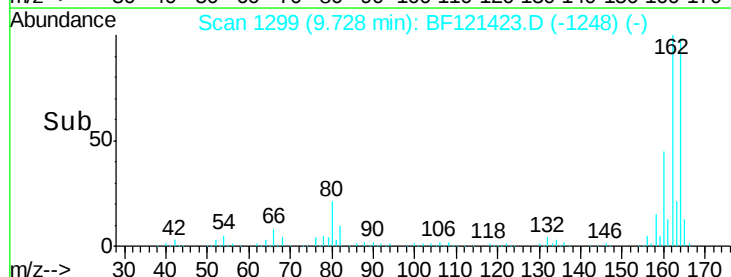
160 46.4 37.0 55.4

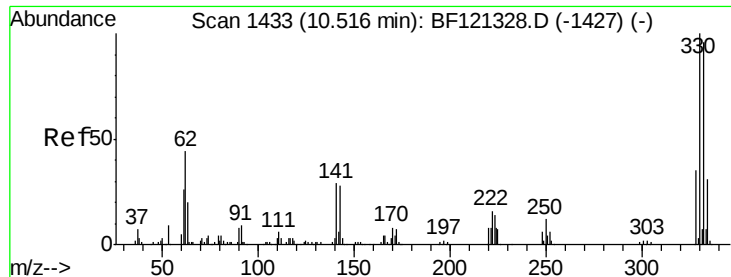


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

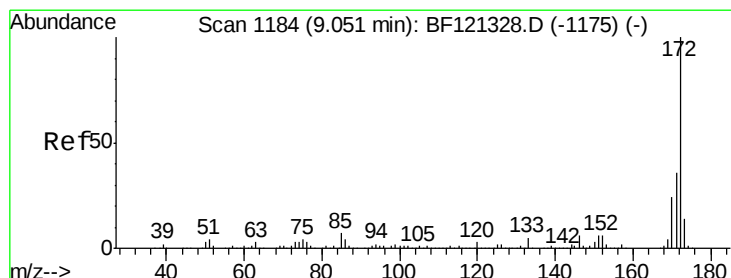
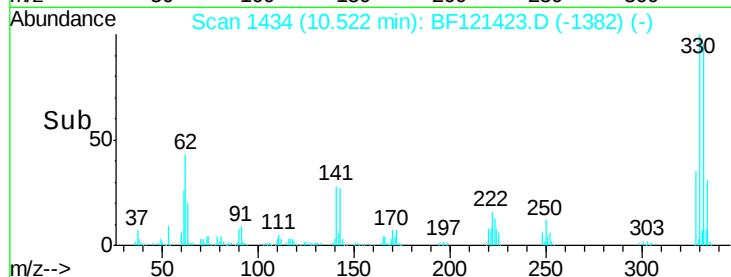
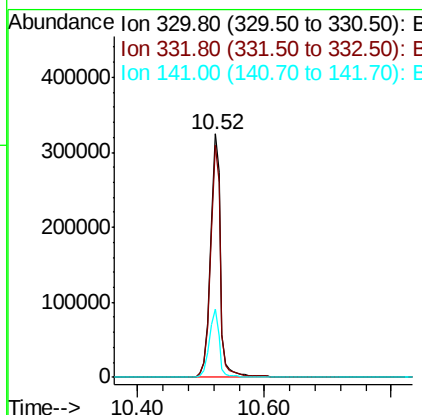
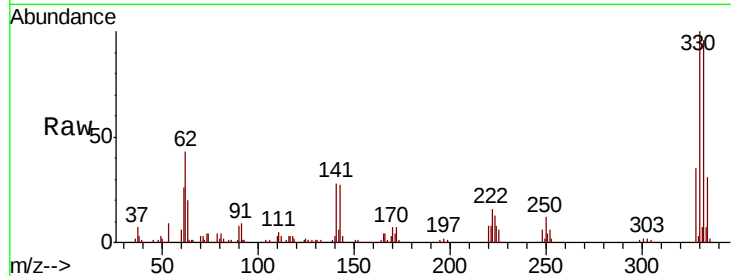




#42
 2,4,6-Tribromophenol
 Concen: 101.578 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

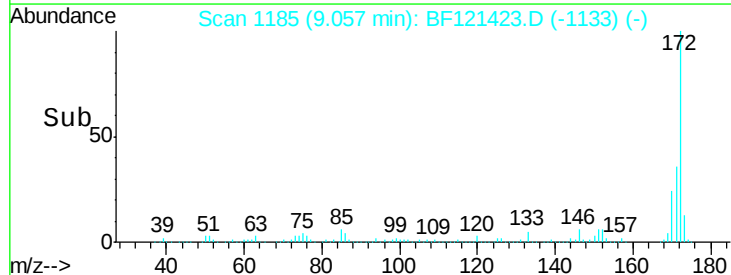
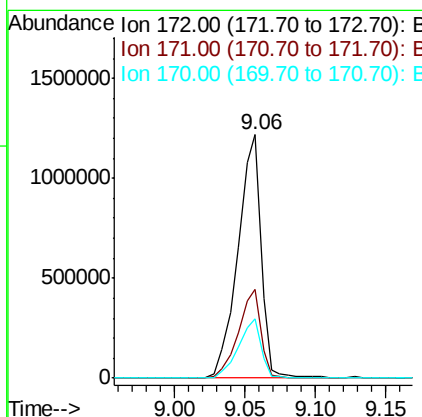
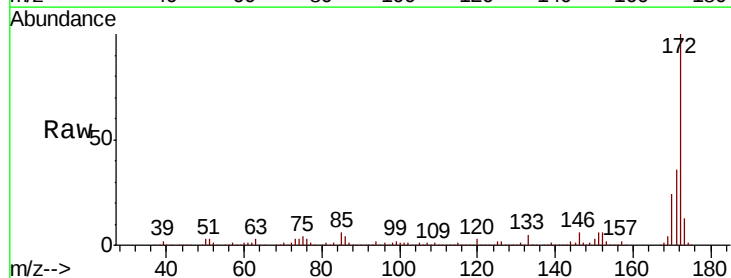
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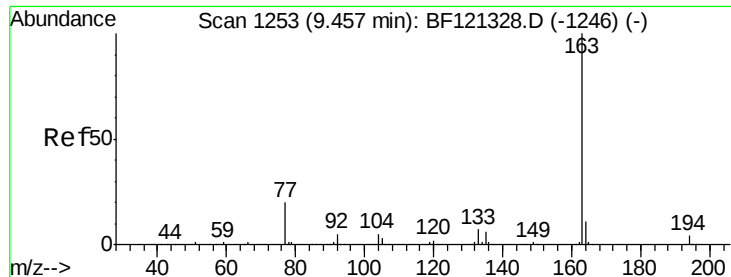
Tot Ion:330 Resp: 366059
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.9 115.3
 141 27.8 22.8 34.2



#45
 2-Fluorobiphenyl
 Concen: 87.287 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. 0.01 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Tgt Ion:172 Resp: 1400525
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 24.4 19.4 29.2





#50

Dimethylphthalate

Concen: 2.791 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.27 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

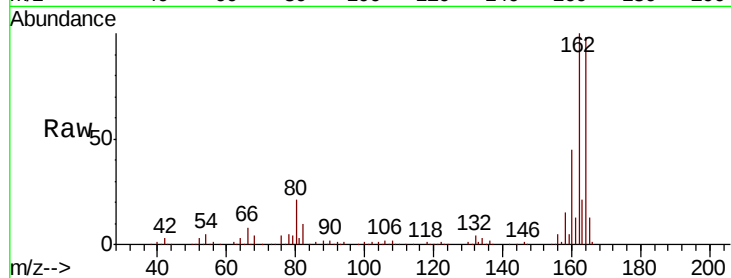
Tot Ion:163 Resp: 62798

Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.6#

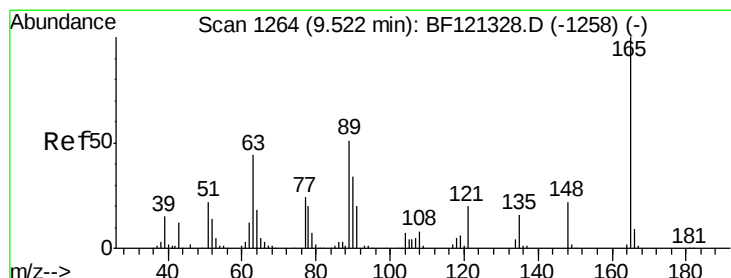
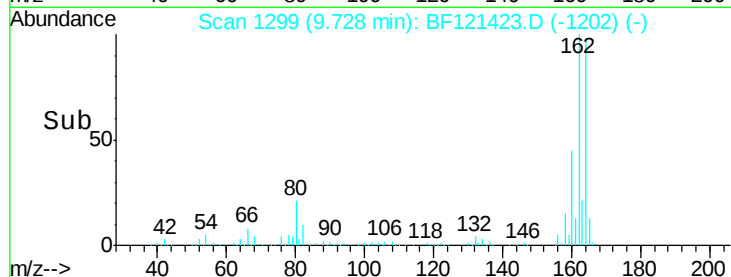
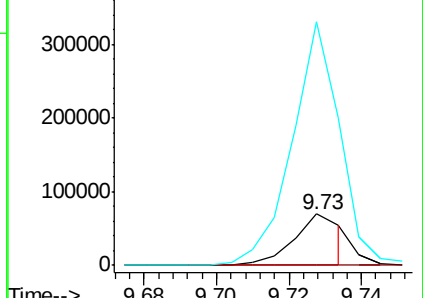
164 473.2 8.4 12.6#



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



#51

2,6-Dinitrotoluene

Concen: 8.284 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

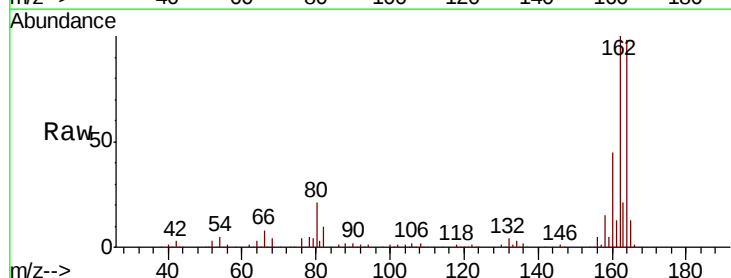
Tgt Ion:165 Resp: 39806

Ion Ratio Lower Upper

165 100

63 0.9 38.5 57.7#

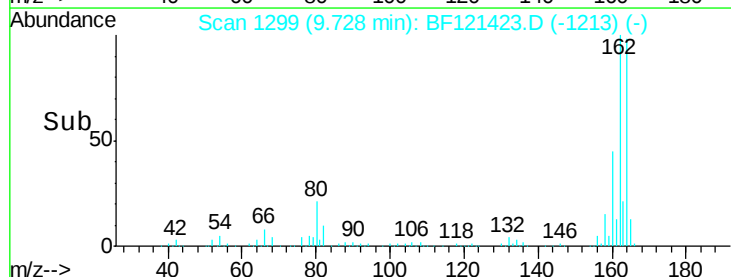
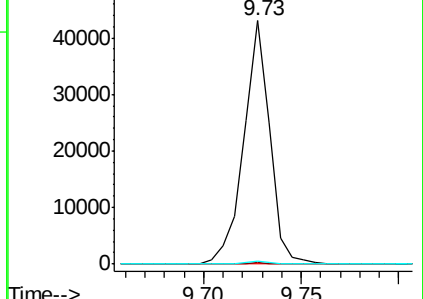
89 1.3 41.2 61.8#

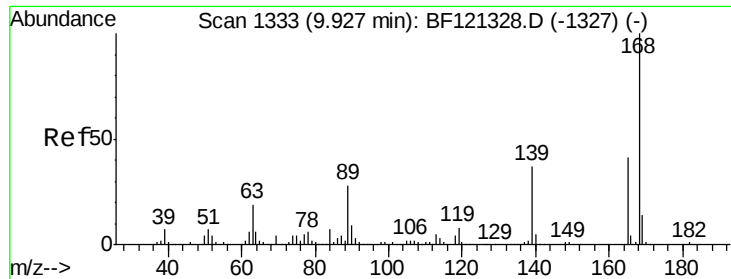


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

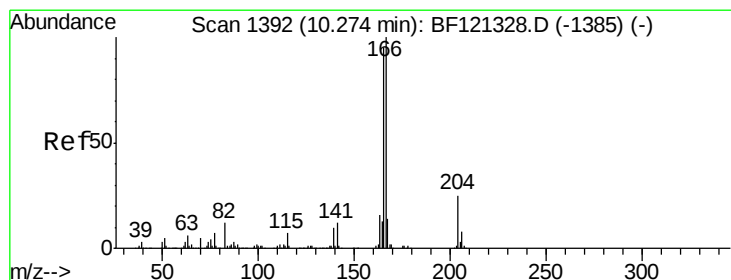
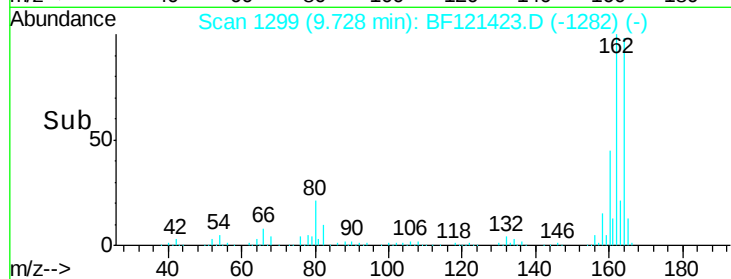
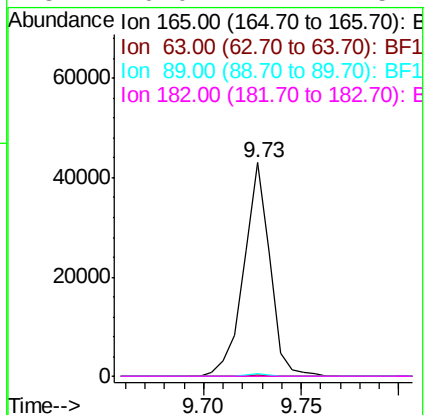
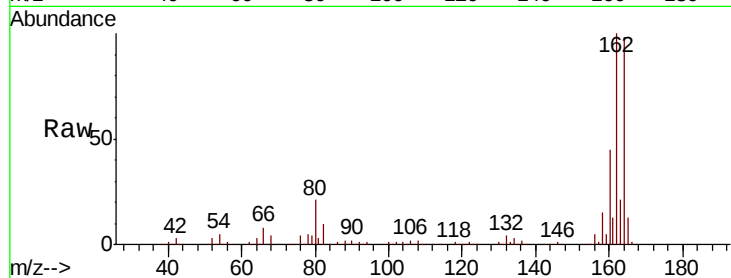




#57
2,4-Dinitrotoluene
Concen: 6.791 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.20 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

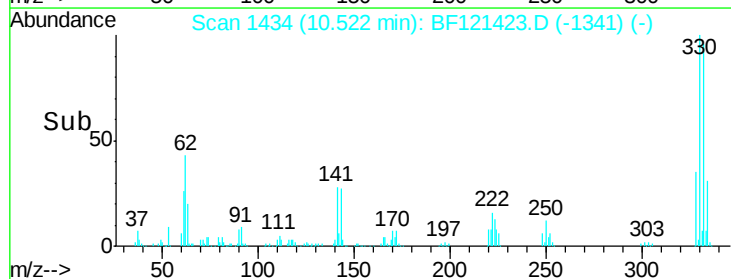
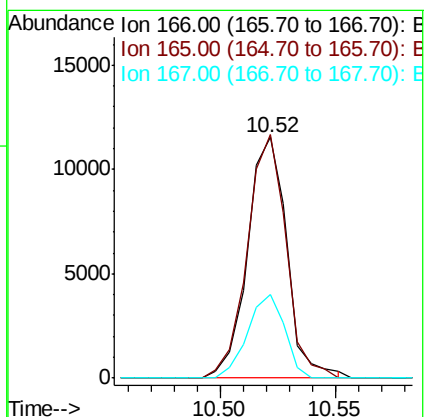
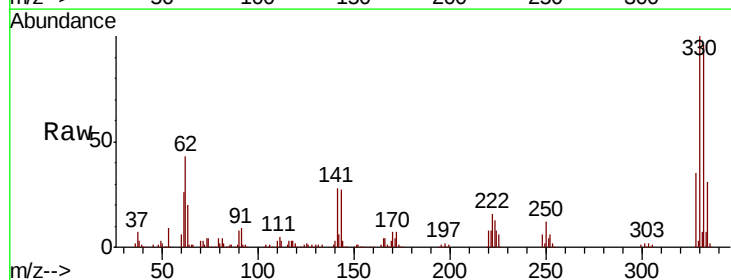
Instrument :
BNA_F
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PB131184BL

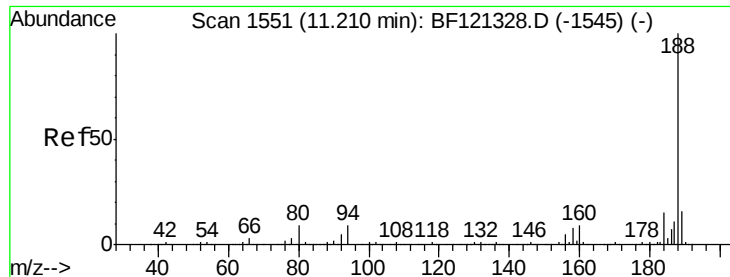
Tot Ion:	165	Resp:	39806
Ion	Ratio	Lower	Upper
165	100		
63	0.9	37.5	56.3#
89	1.3	54.2	81.4#
182	0.0	2.2	3.4#



#58
Fluorene
Concen: Below Cal
RT: 10.52 min Scan# 1434
Delta R.T. 0.25 min
Lab File: BF121423.D
Acq: 25 Aug 2020 12:42

Tgt Ion:	166	Resp:	13714
Ion	Ratio	Lower	Upper
166	100		
165	101.1	75.8	113.8
167	34.6	11.0	16.4#

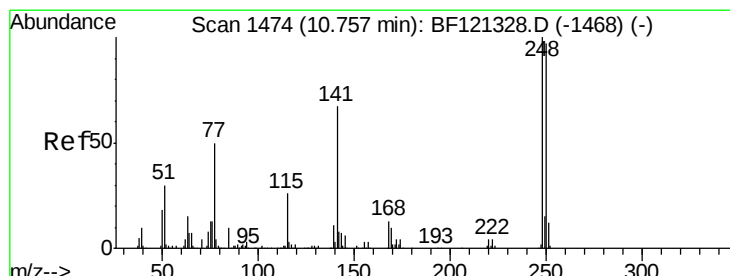
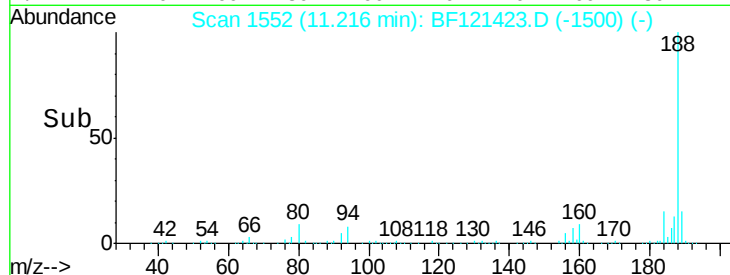
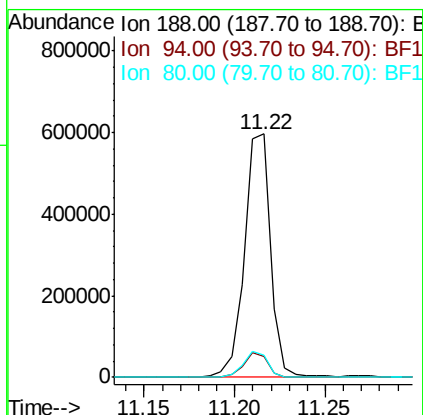
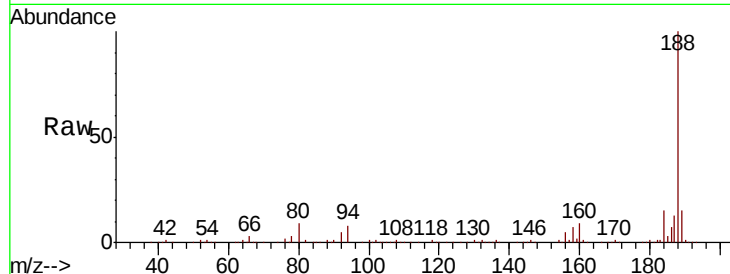




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.01 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

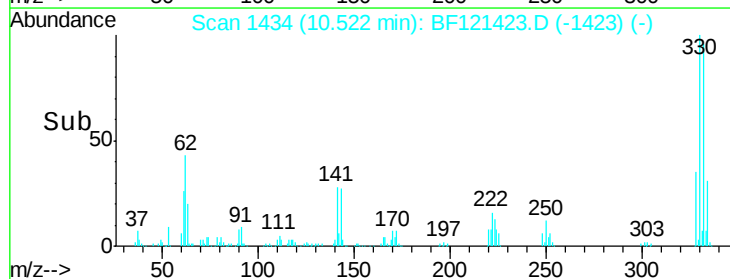
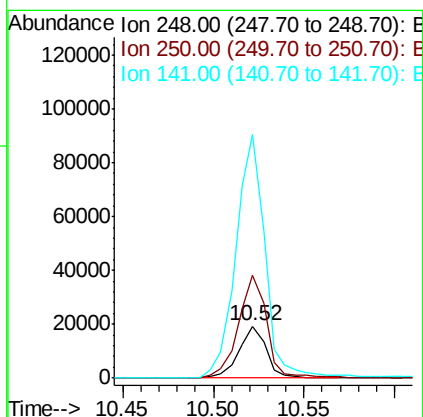
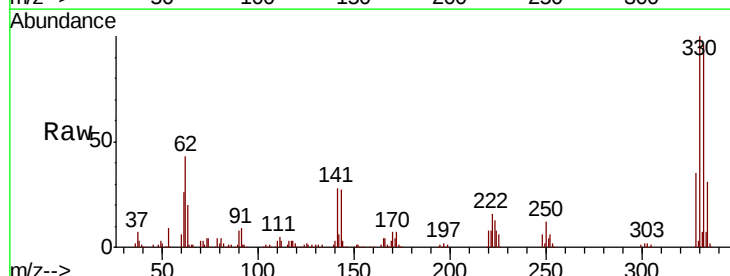
Instrument :
 BNA_F
 ClientSampleId :
 PB131184BL

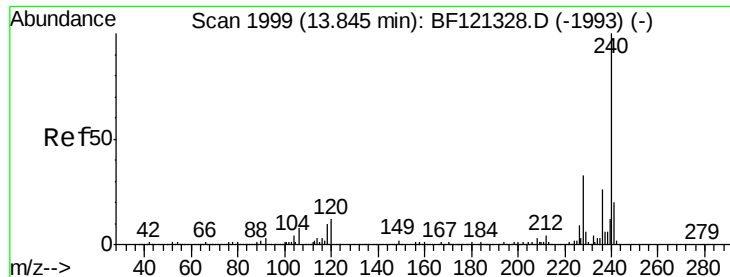
Tot Ion:	188	Resp:	597896
Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.9	7.4	11.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.073 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.24 min
 Lab File: BF121423.D
 Acq: 25 Aug 2020 12:42

Tgt Ion:	248	Resp:	20382
Ion	Ratio	Lower	Upper
248	100		
250	199.2	77.9	116.9#
141	471.2	53.5	80.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

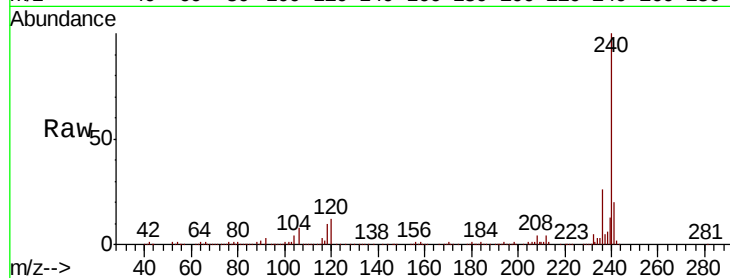
Tot Ion:240 Resp: 516855

Ion Ratio Lower Upper

240 100

120 11.6 9.6 14.4

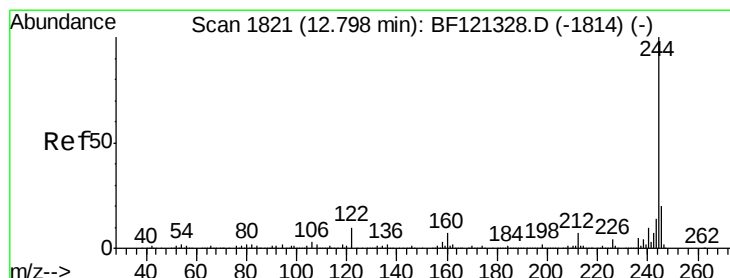
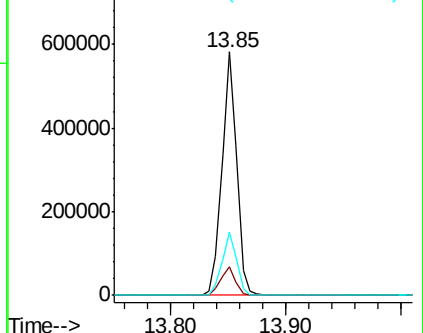
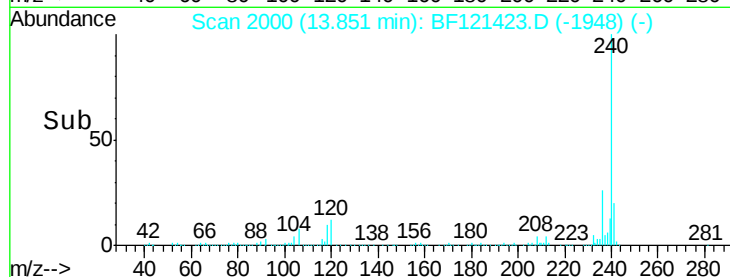
236 25.9 20.6 31.0



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: 54.557 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

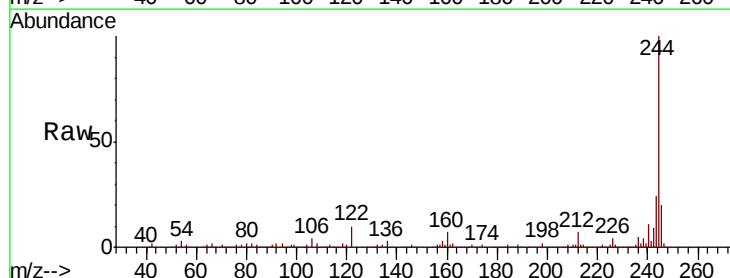
Tgt Ion:244 Resp: 1442970

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

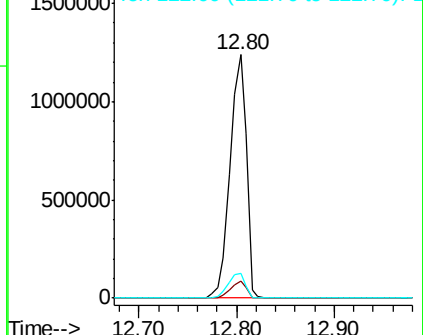
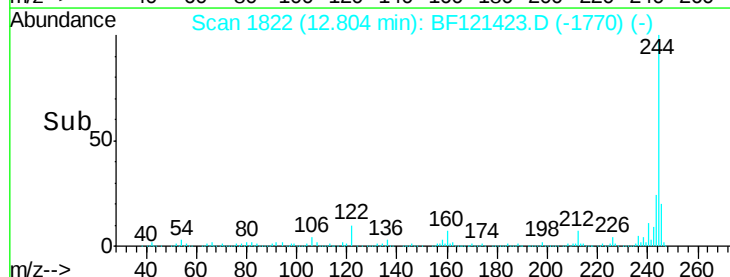
122 10.0 7.8 11.8

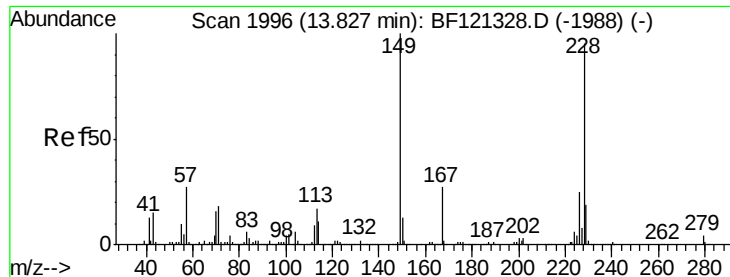


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.489 ng

RT: 13.72 min Scan# 1978

Delta R.T. -0.11 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

Instrument :

BNA_F

ClientSampleId :

PB131184BL

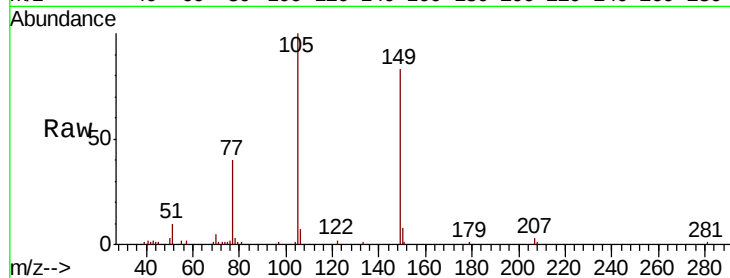
Tot Ion:149 Resp: 48831

Ion Ratio Lower Upper

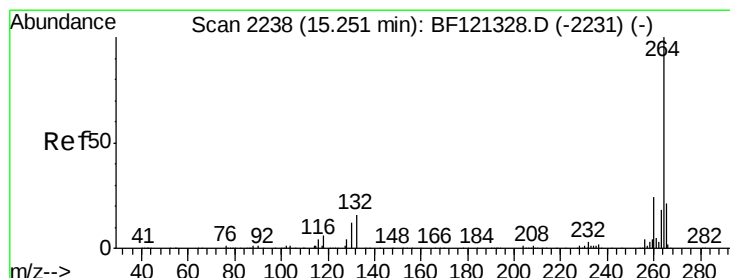
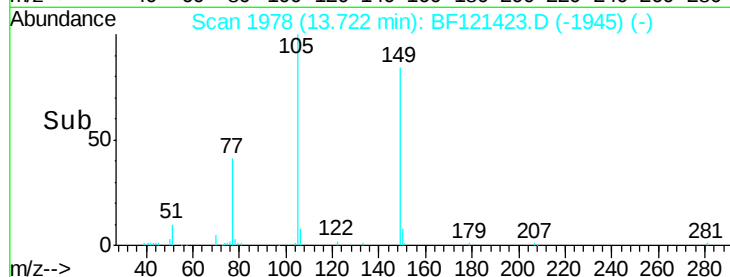
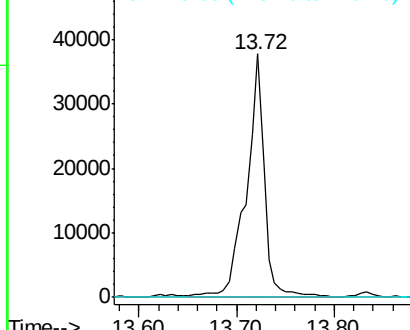
149 100

167 0.0 21.5 32.3#

279 0.0 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF121423.D

Acq: 25 Aug 2020 12:42

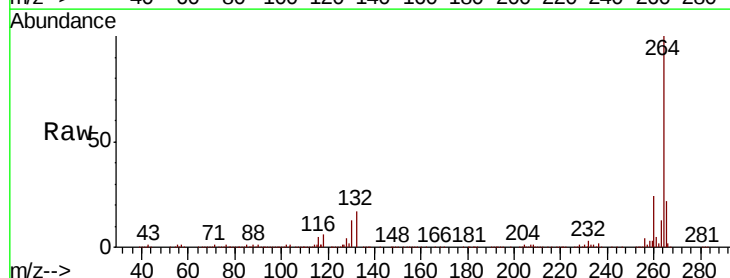
Tgt Ion:264 Resp: 538612

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.6 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

