

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121376.D
 Acq On : 21 Aug 2020 19:47
 Operator : JU/CG
 Sample : L3746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 212

Quant Time: Aug 22 00:34:46 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

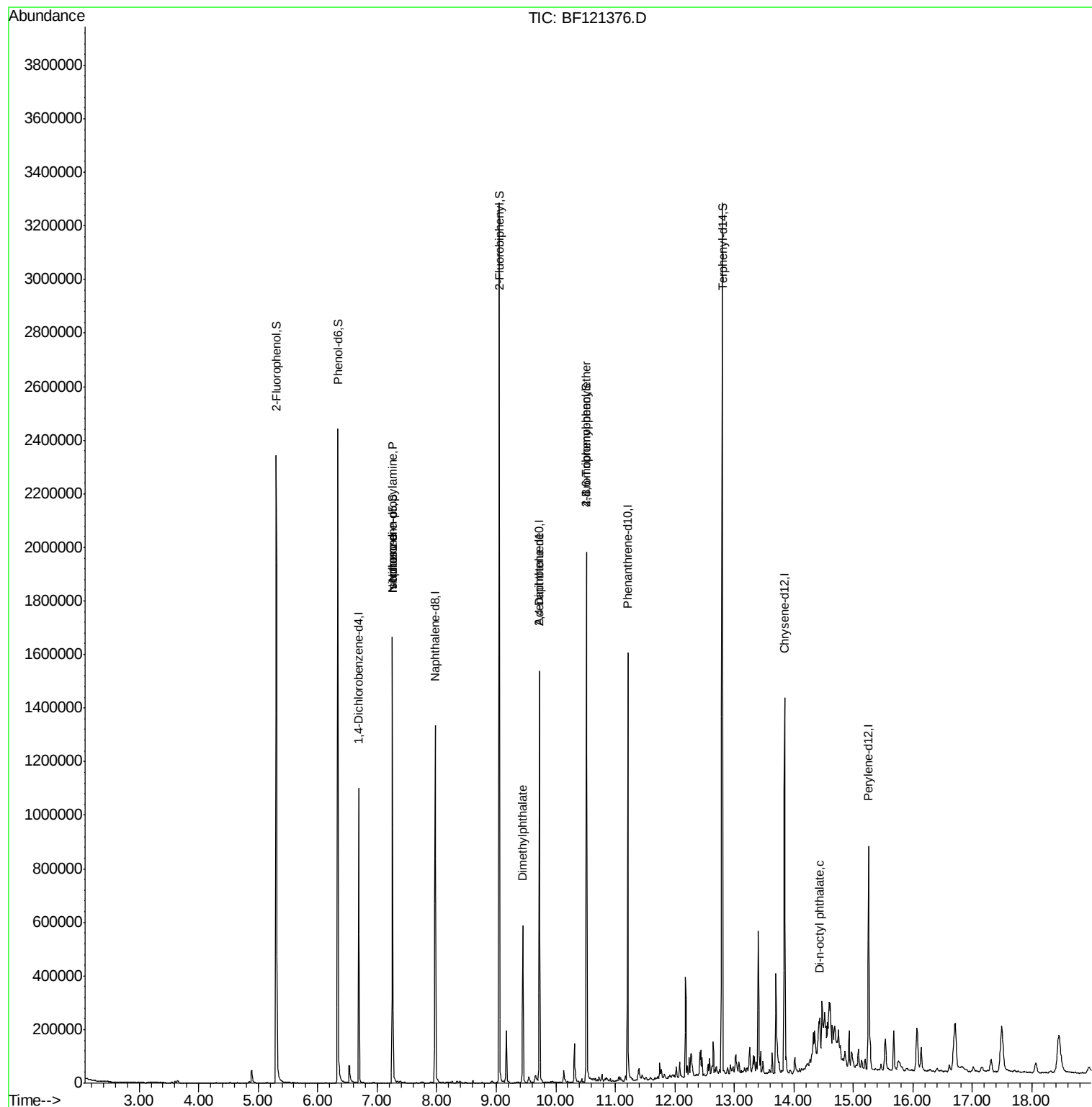
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	152012	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	587990	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	303655	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	580855	20.00	ng	0.00
76) Chrysene-d12	13.84	240	443778	20.00	ng	0.00
86) Perylene-d12	15.26	264	368414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	751944	81.11	ng	0.00
7) Phenol-d6	6.34	99	914481	77.27	ng	0.00
23) Nitrobenzene-d5	7.26	82	614532	59.11	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	278120	78.60	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1086337	65.75	ng	0.00
79) Terphenyl-d14	12.80	244	1131327	49.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	79094	12.427	ng	# 78
25) Isophorone	7.26	82	614529	32.480	ng	# 65
50) Dimethylphthalate	9.45	163	231259	10.468	ng	# 99
55) Dibenzofuran	9.93	168	132	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	38728	6.729	ng	# 25
58) Fluorene	10.52	166	10613	Below Cal	#	78
67) 4-Bromophenyl-phenylether	10.52	248	16045	2.490	ng	# 1
85) Di-n-octyl phthalate	14.43	149	86519	2.775	ng	# 62

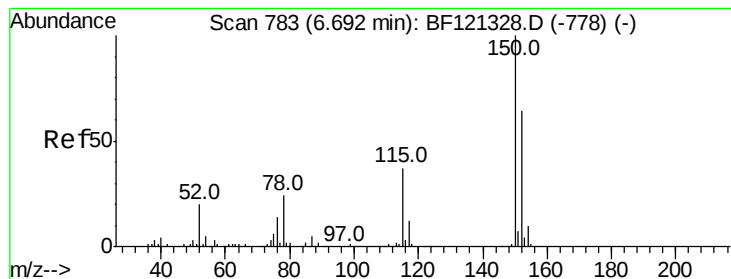
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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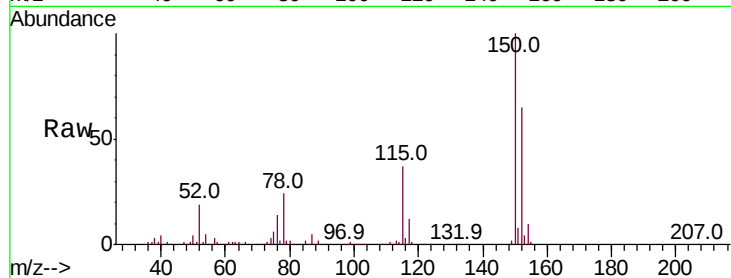


#1

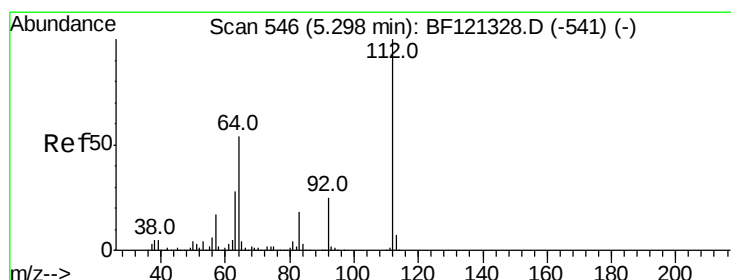
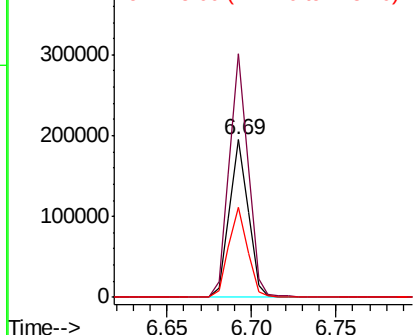
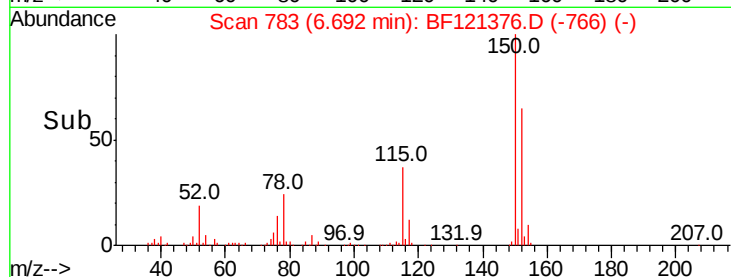
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121376.D
Acq: 21 Aug 2020 19:47

Instrument :
BNA_F
ClientSampleId :
212

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.8	187.2
115	57.4	46.1	69.1



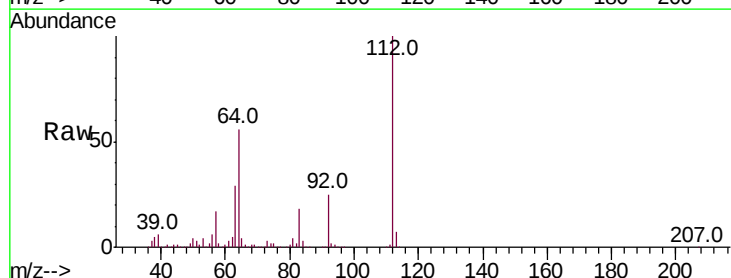
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



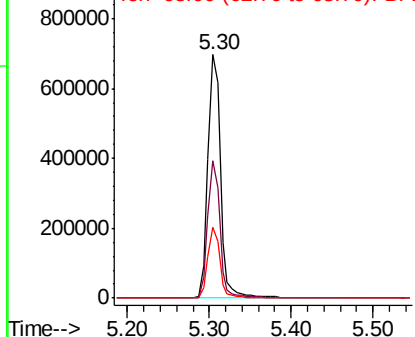
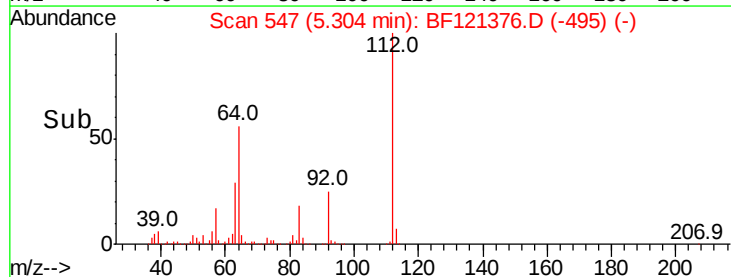
#5

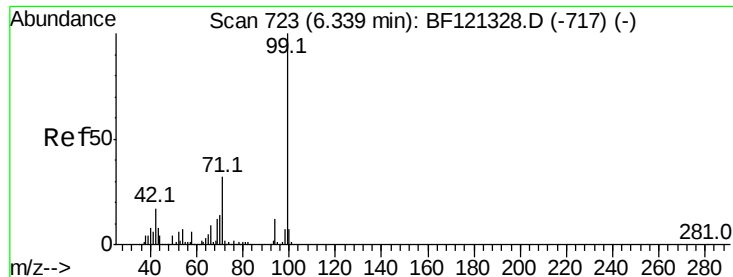
2-Fluorophenol
Concen: 81.111 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121376.D
Acq: 21 Aug 2020 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	43.5	65.3
63	28.9	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: 77.271 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

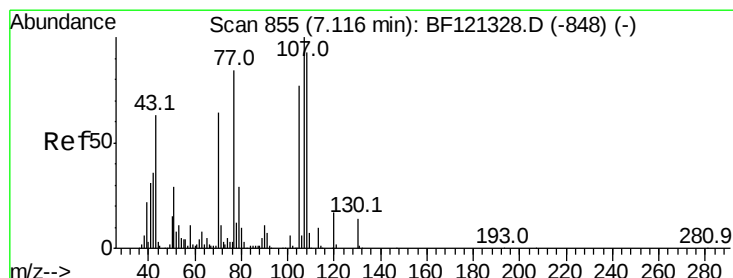
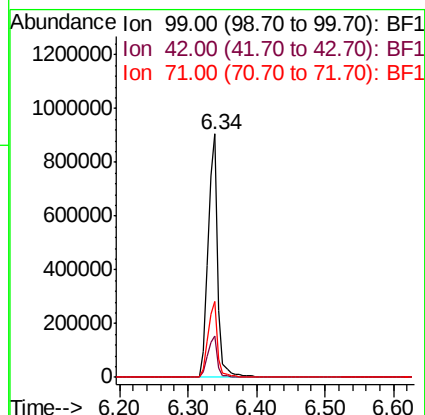
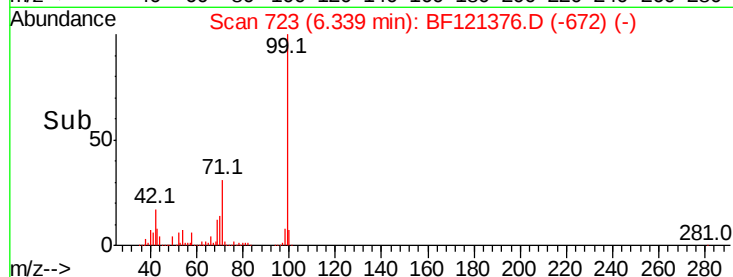
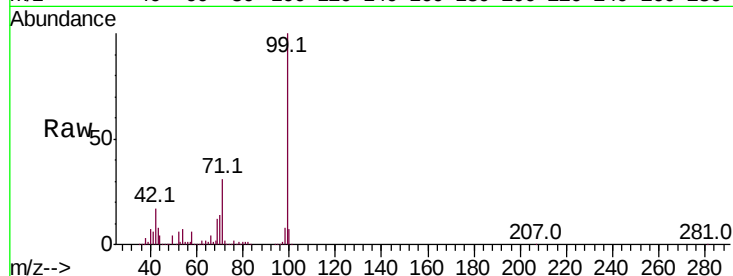
Tot Ion: 99 Resp: 914481

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 31.4 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 12.427 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Tgt Ion: 70 Resp: 79094

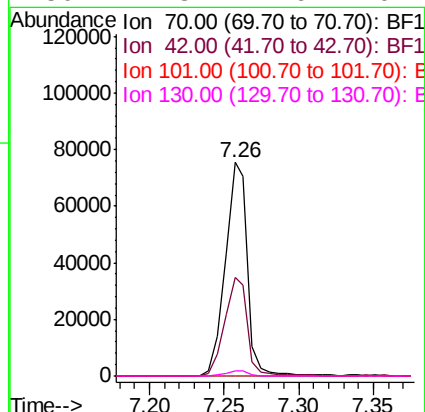
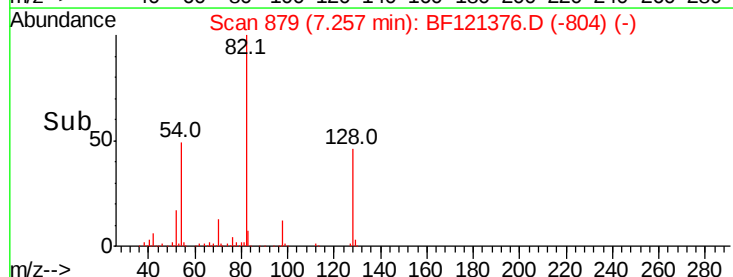
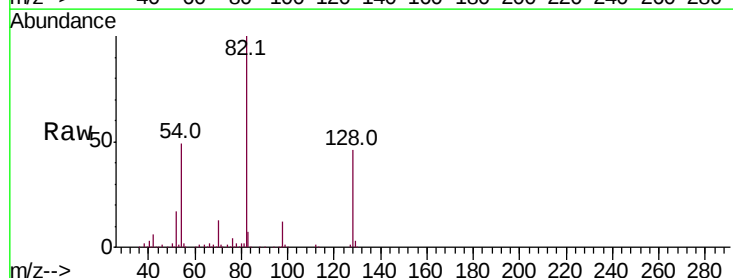
Ion Ratio Lower Upper

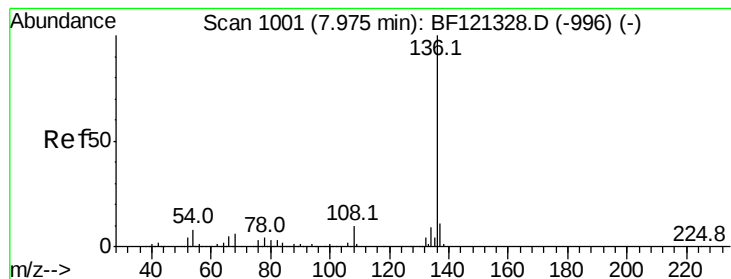
70 100

42 46.4 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: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

Tot Ion:136 Resp: 587990

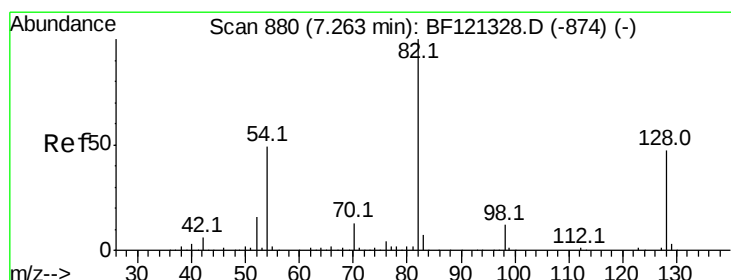
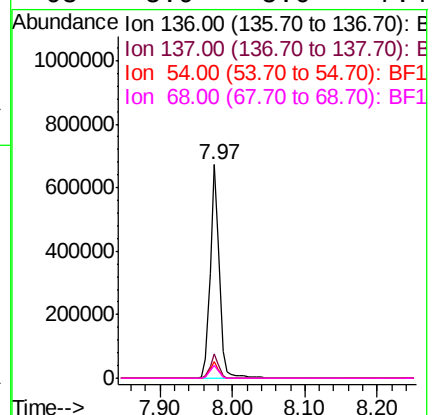
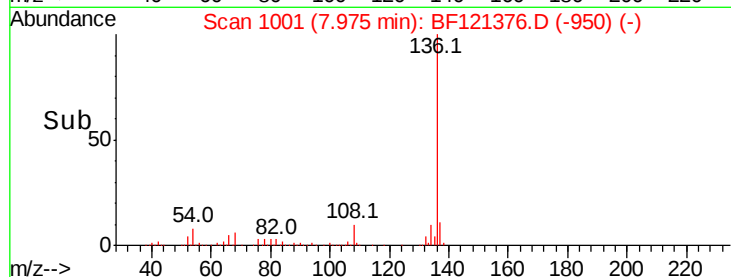
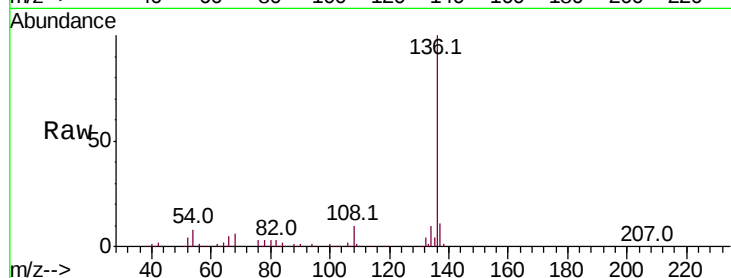
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.5 6.1 9.1

68 5.9 5.0 7.4



#23

Nitrobenzene-d5

Concen: 59.109 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

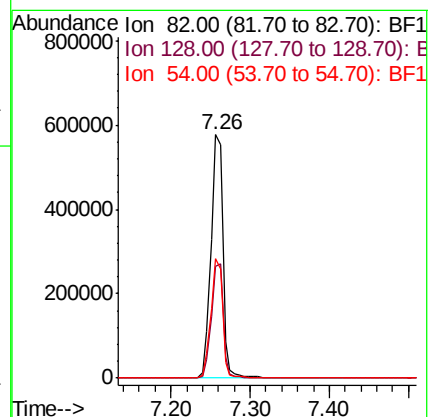
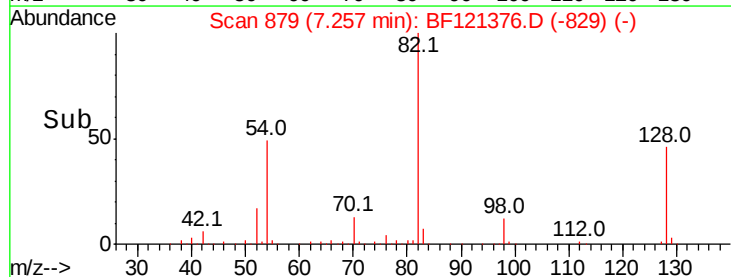
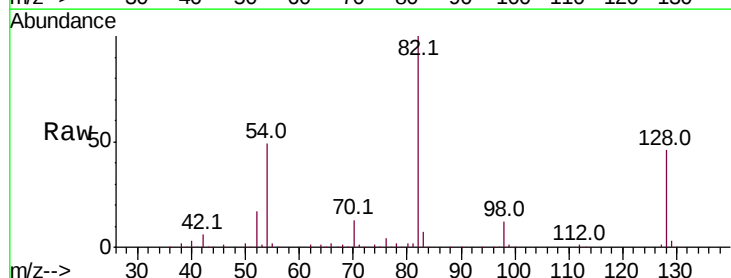
Tgt Ion: 82 Resp: 614532

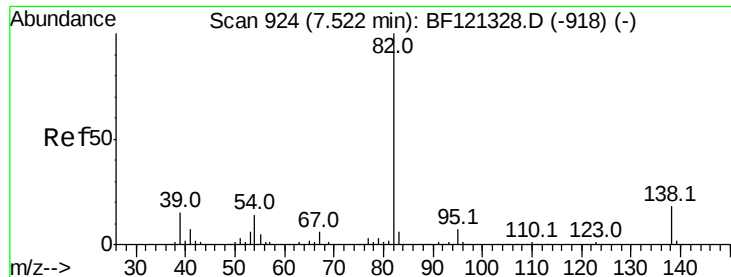
Ion Ratio Lower Upper

82 100

128 45.8 37.9 56.9

54 48.9 39.0 58.4





#25

Isophorone

Concen: 32.480 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

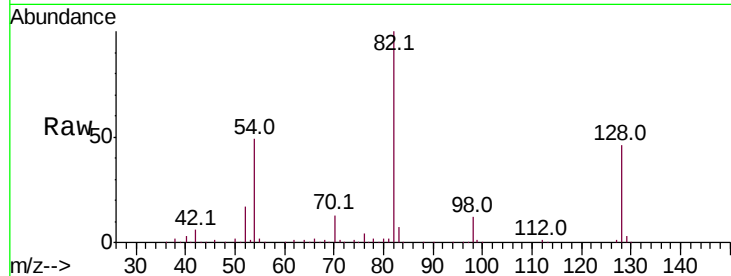
Tot Ion: 82 Resp: 614529

Ion Ratio Lower Upper

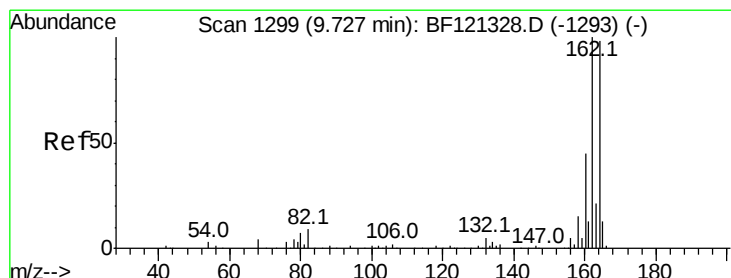
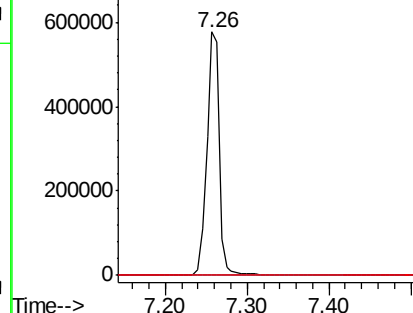
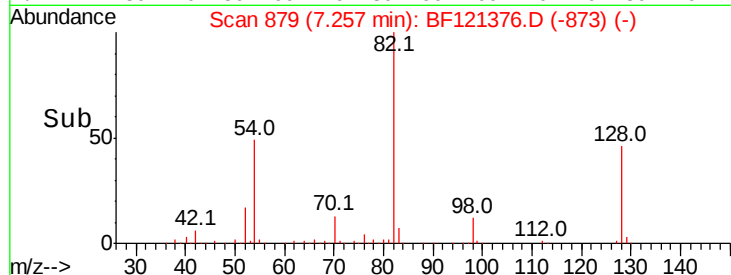
82 100

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: BF121376.D

Acq: 21 Aug 2020 19:47

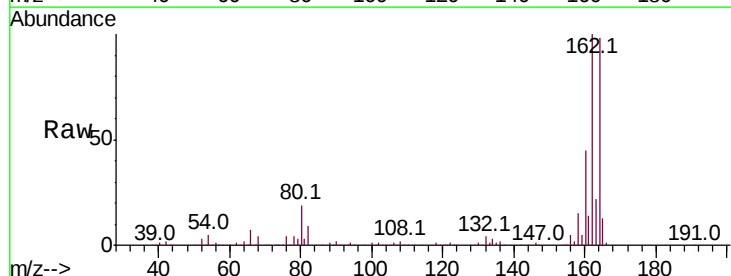
Tgt Ion:164 Resp: 303655

Ion Ratio Lower Upper

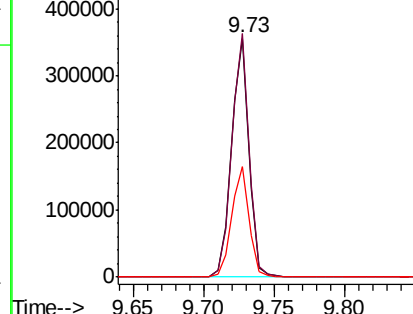
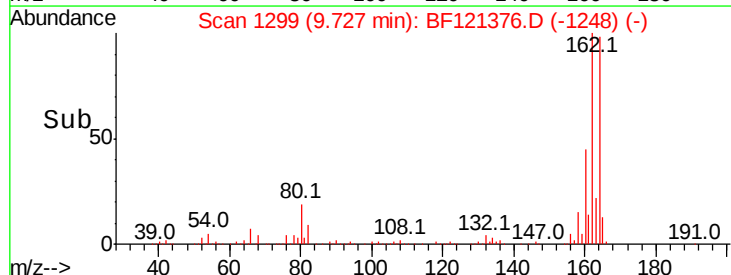
164 100

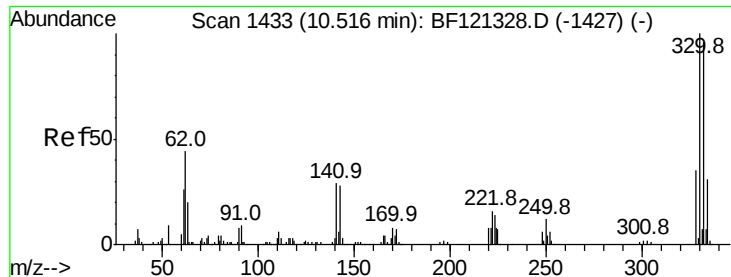
162 102.0 81.7 122.5

160 46.3 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: 78.597 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

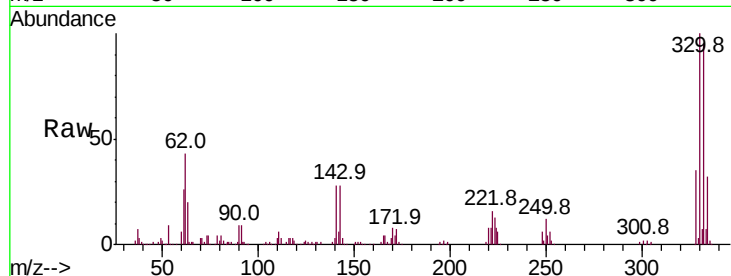
Tot Ion:330 Resp: 278120

Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

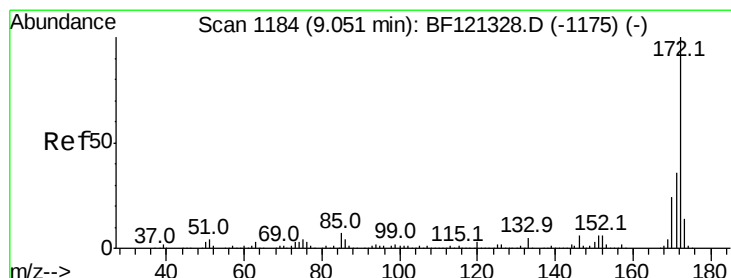
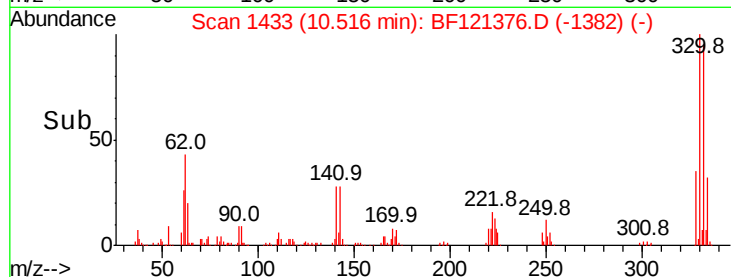
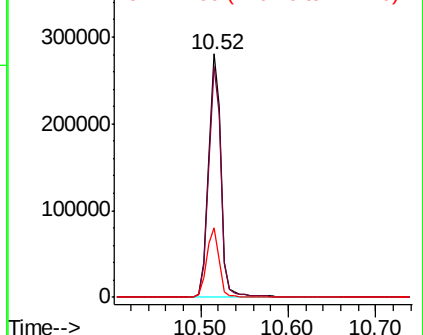
141 29.0 22.8 34.2



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: 65.750 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

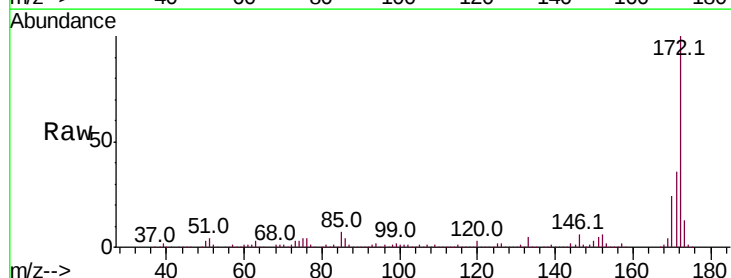
Tgt Ion:172 Resp: 1086337

Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

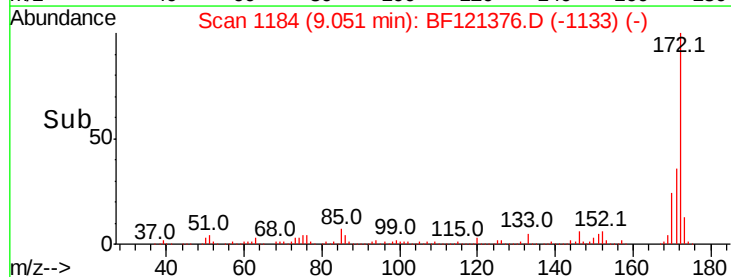
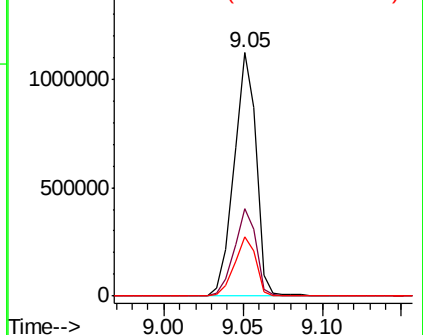
170 24.2 19.4 29.2

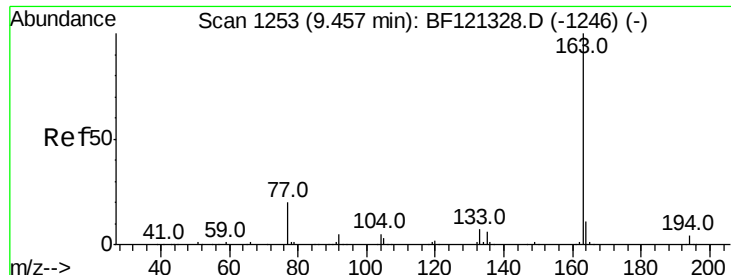


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.468 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

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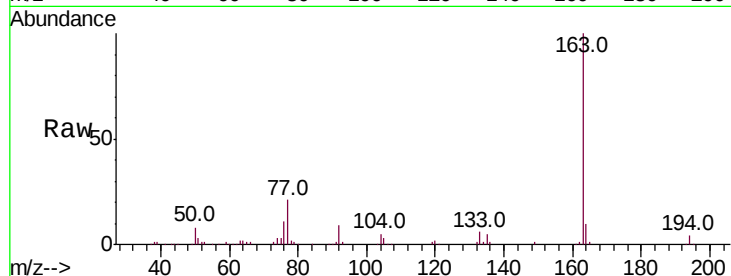
Tot Ion:163 Resp: 231259

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

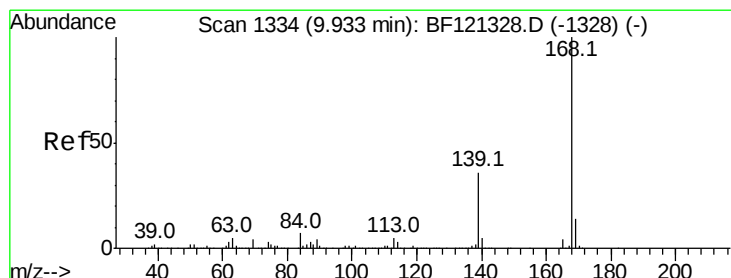
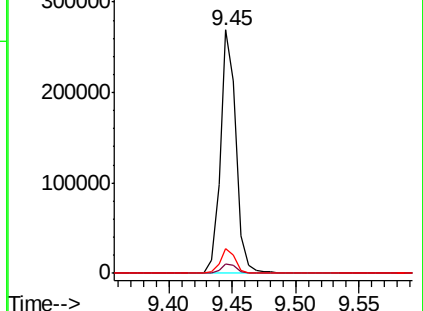
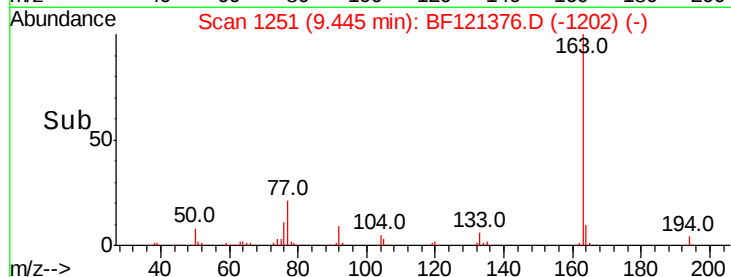
164 10.0 8.4 12.6



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: BF121376.D

Acq: 21 Aug 2020 19:47

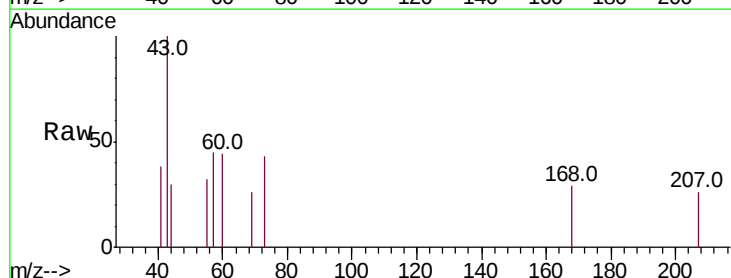
Tgt Ion:168 Resp: 132

Ion Ratio Lower Upper

168 100

139 0.0 29.1 43.7#

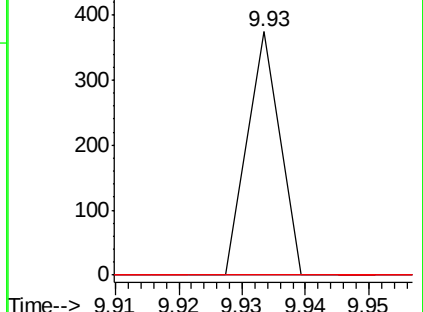
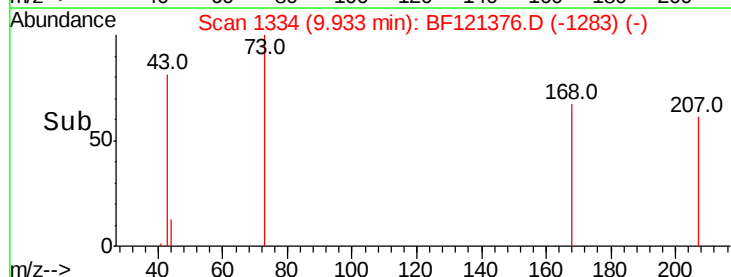
169 0.0 11.0 16.6#

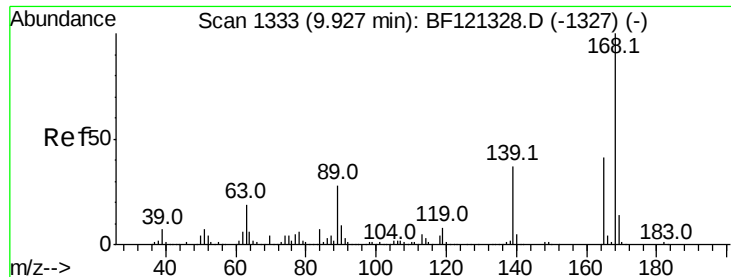


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

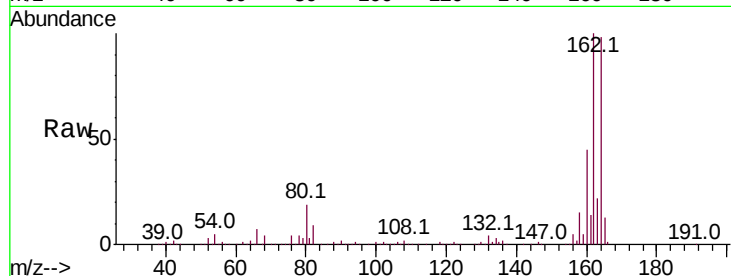




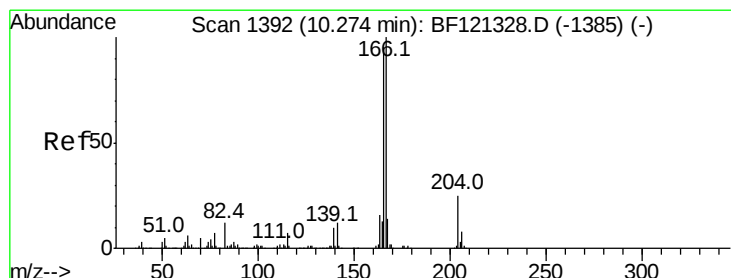
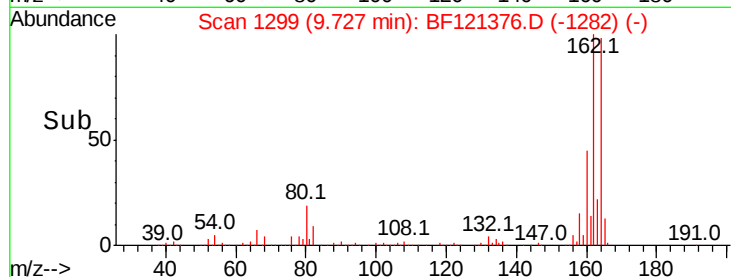
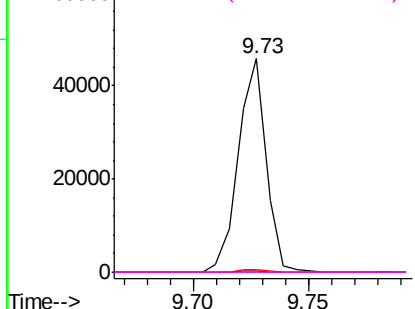
#57
 2,4-Dinitrotoluene
 Concen: 6.729 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121376.D
 Acq: 21 Aug 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 212

Tot Ion:	165	Resp:	38728
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#

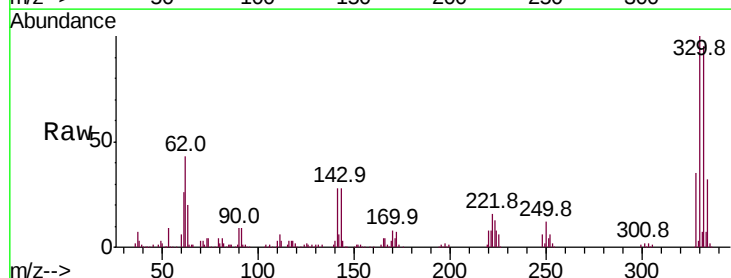


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

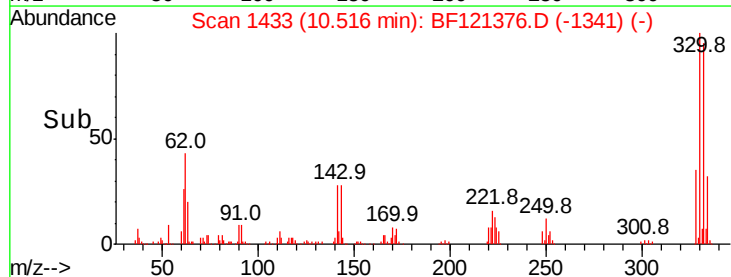
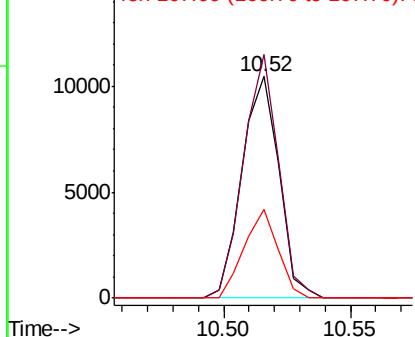


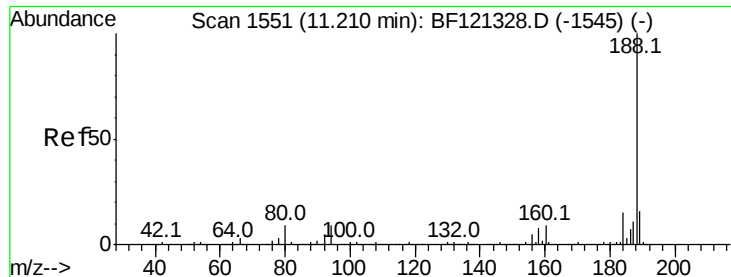
#58
 Fluorene
 Concen: Below Cal
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.24 min
 Lab File: BF121376.D
 Acq: 21 Aug 2020 19:47

Tgt Ion:	166	Resp:	10613
Ion	Ratio	Lower	Upper
166	100		
165	109.8	75.8	113.8
167	40.1	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: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

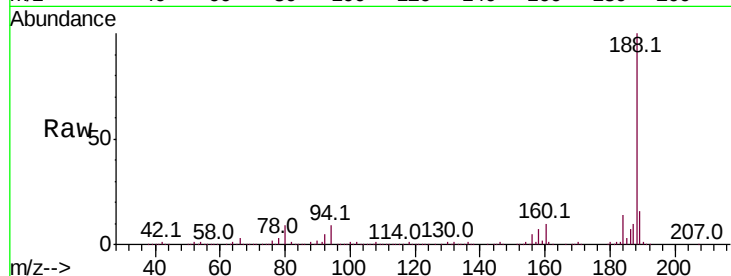
Tot Ion:188 Resp: 580855

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

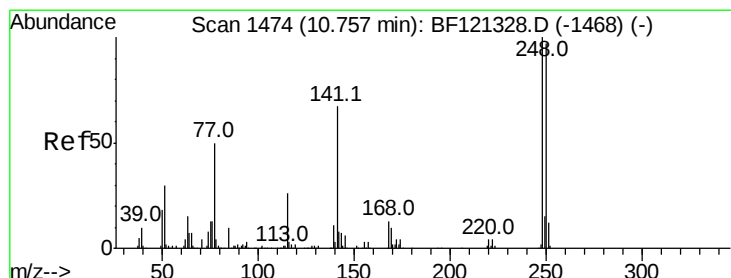
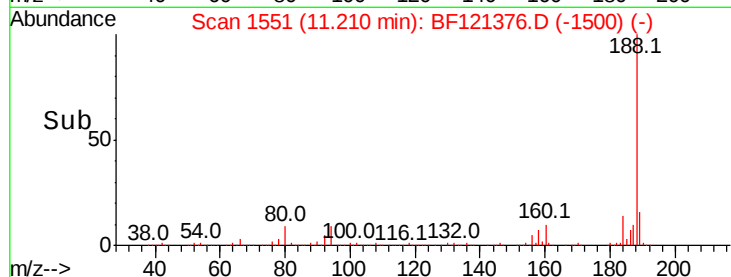
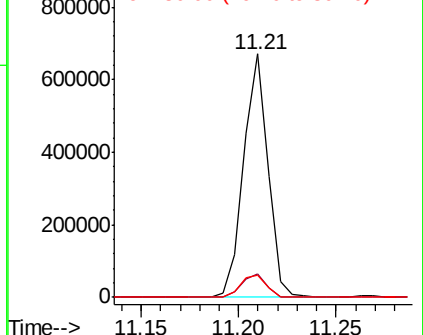
80 9.3 7.4 11.0



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: 2.490 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

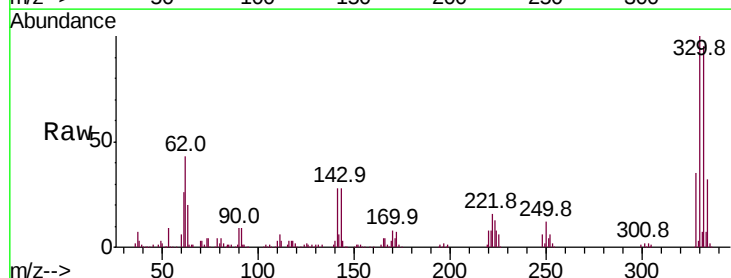
Tgt Ion:248 Resp: 16045

Ion Ratio Lower Upper

248 100

250 205.4 77.9 116.9#

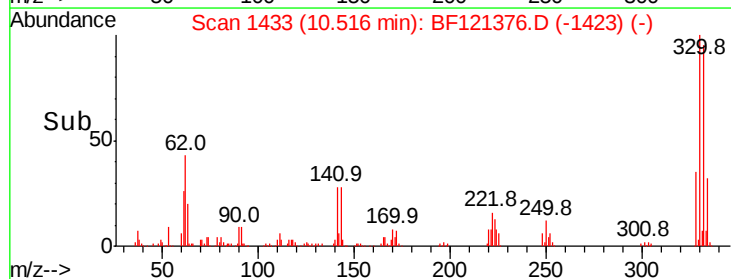
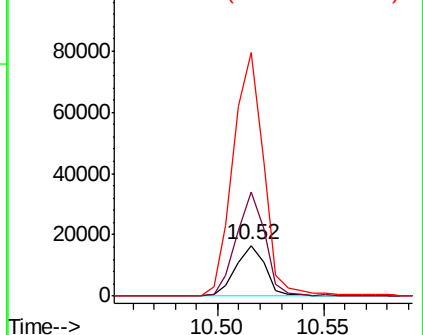
141 481.4 53.5 80.3#

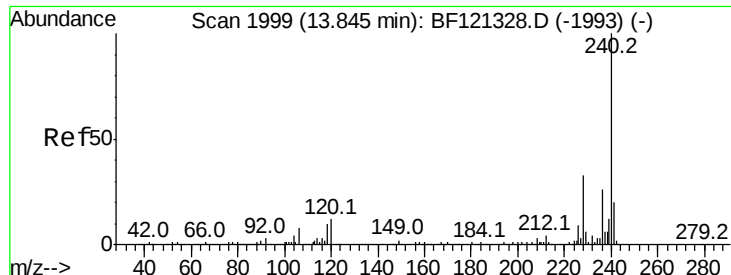


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

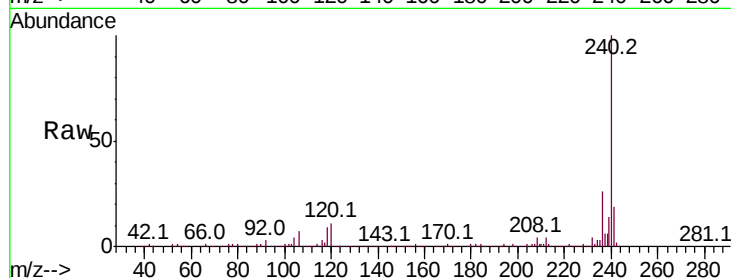
Tot Ion:240 Resp: 443778

Ion Ratio Lower Upper

240 100

120 11.0 9.6 14.4

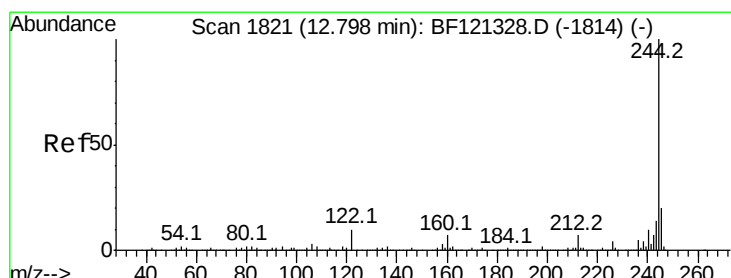
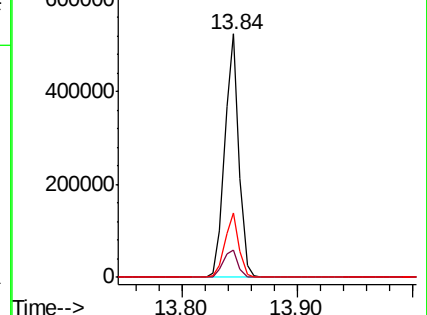
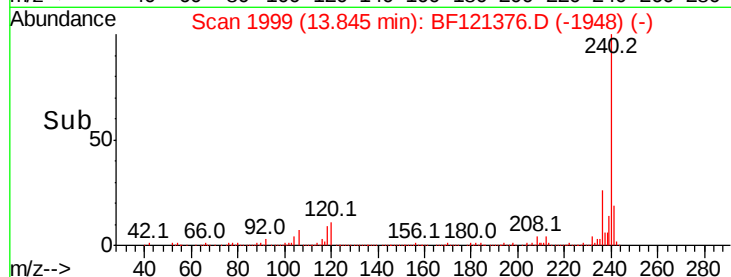
236 26.3 20.6 31.0



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: 49.817 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

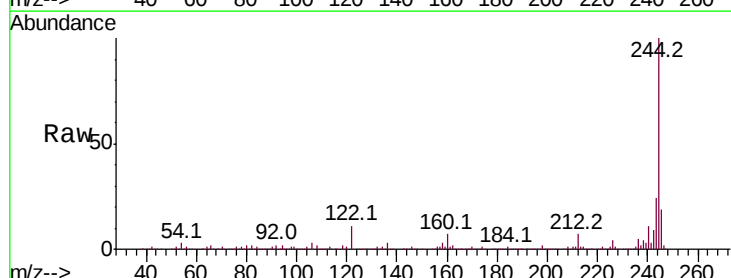
Tgt Ion:244 Resp: 1131327

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

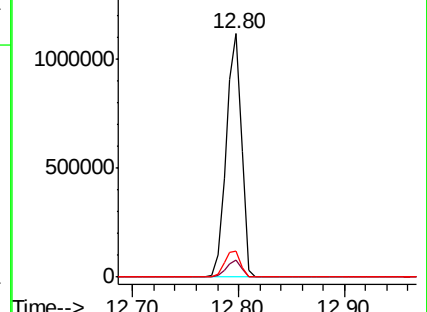
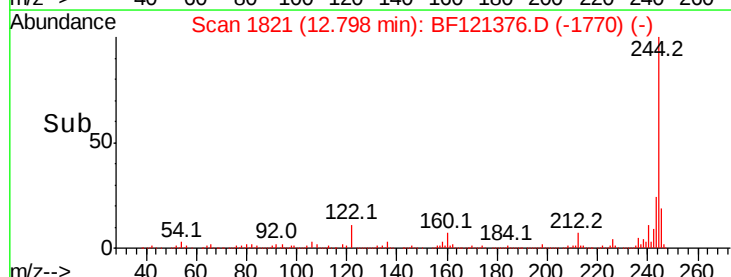
122 10.7 7.8 11.8

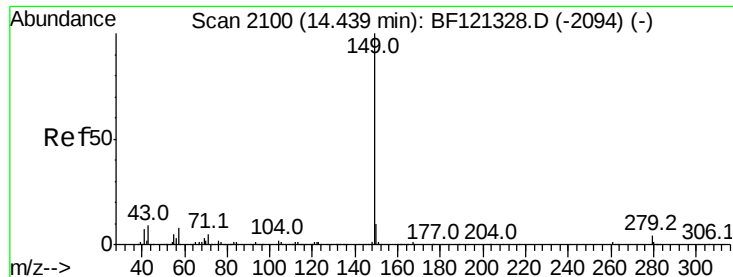


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#85

Di-n-octyl phthalate

Concen: 2.775 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

Instrument :

BNA_F

ClientSampleId :

212

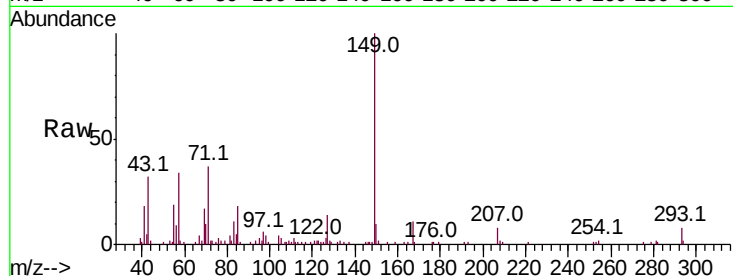
Tot Ion:149 Resp: 86519

Ion Ratio Lower Upper

149 100

167 4.7 1.2 1.8#

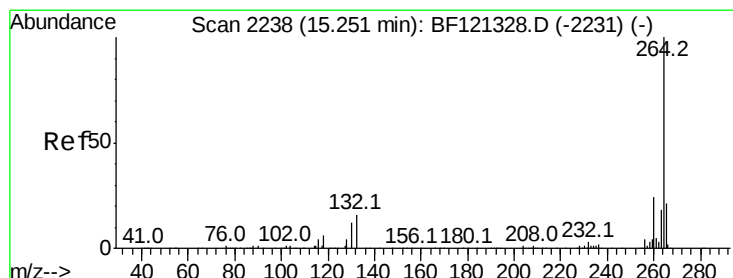
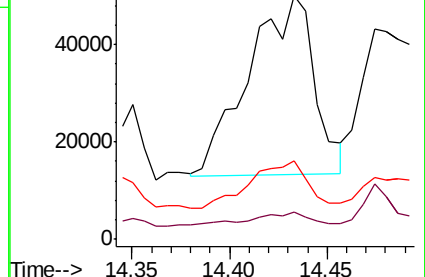
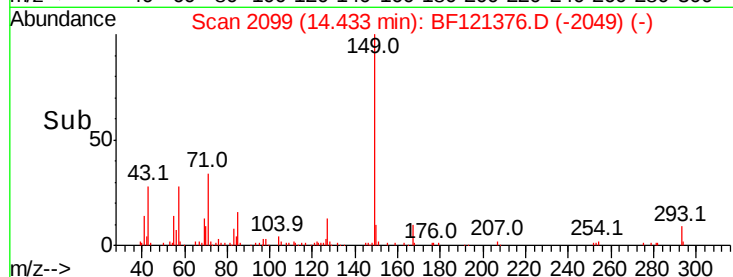
43 24.6 7.1 10.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF121376.D

Acq: 21 Aug 2020 19:47

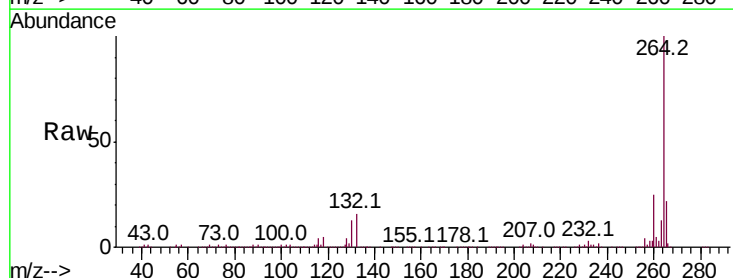
Tgt Ion:264 Resp: 368414

Ion Ratio Lower Upper

264 100

260 24.6 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

