

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121372.D
 Acq On : 21 Aug 2020 17:42
 Operator : JU/CG
 Sample : L3719-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200507-DISCRETE-005

Quant Time: Aug 21 19:17:50 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

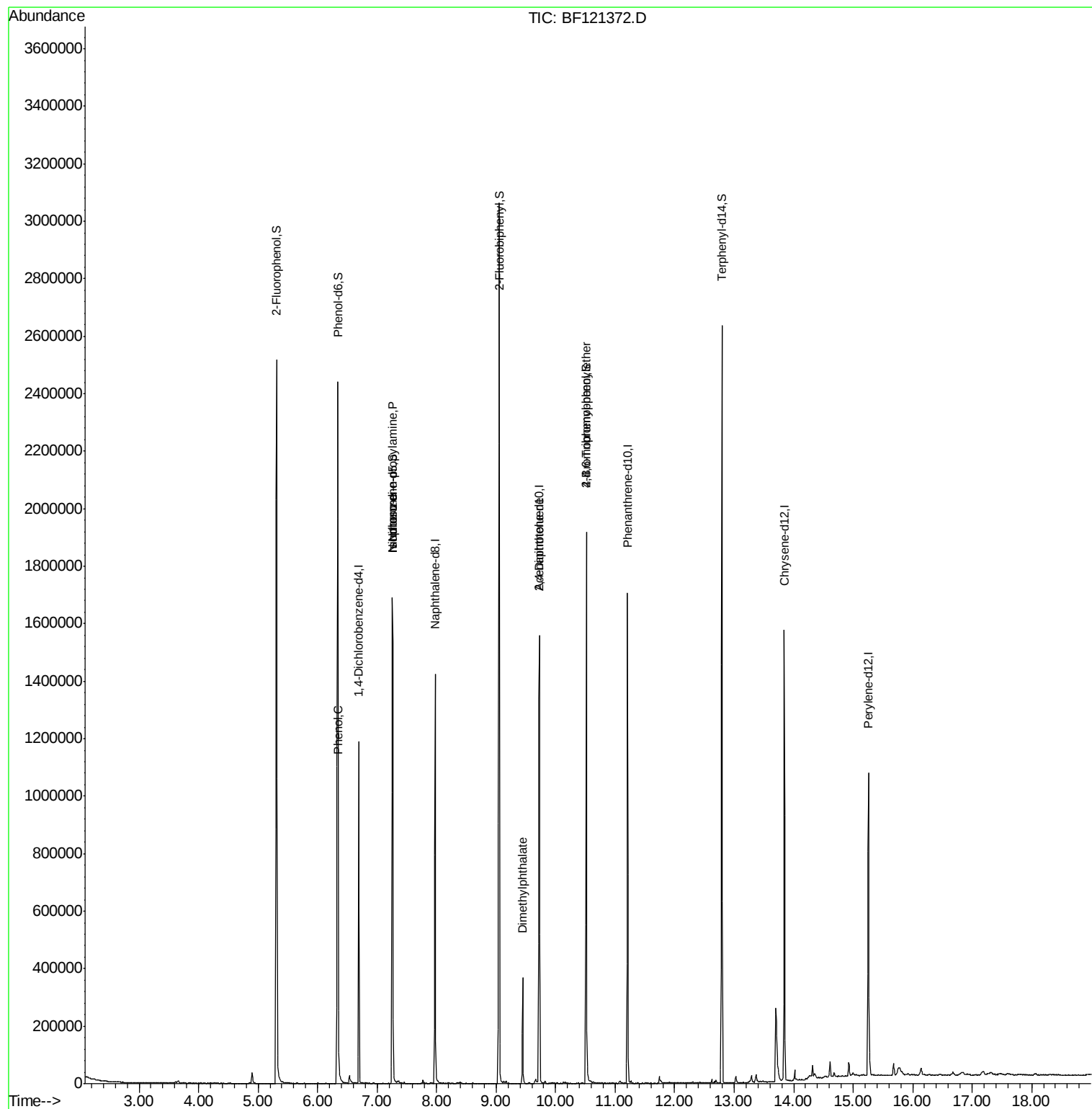
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	163763	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	637583	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	331510	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	641920	20.00	ng	0.00
76) Chrysene-d12	13.84	240	518142	20.00	ng	0.00
86) Perylene-d12	15.26	264	463138	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	773040	77.40	ng	0.01
7) Phenol-d6	6.34	99	928941	72.86	ng	0.00
23) Nitrobenzene-d5	7.26	82	619616	54.96	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	273248	70.73	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1013855	53.99	ng	0.00
79) Terphenyl-d14	12.80	244	949284	35.80	ng	0.00
Target Compounds						
10) Phenol	6.35	94	36023	2.695	ng	79
19) n-Nitroso-di-n-propylamine	7.26	70	80952	11.806	ng	# 78
25) Isophorone	7.26	82	615057	29.980	ng	# 65
50) Dimethylphthalate	9.45	163	139371	5.779	ng	99
57) 2,4-Dinitrotoluene	9.73	165	42859	6.821	ng	# 25
58) Fluorene	10.52	166	10831	Below Cal	#	85
67) 4-Bromophenyl-phenylether	10.52	248	15297	2.148	ng	# 1

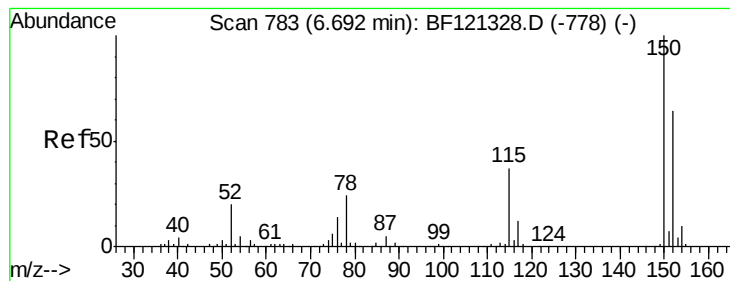
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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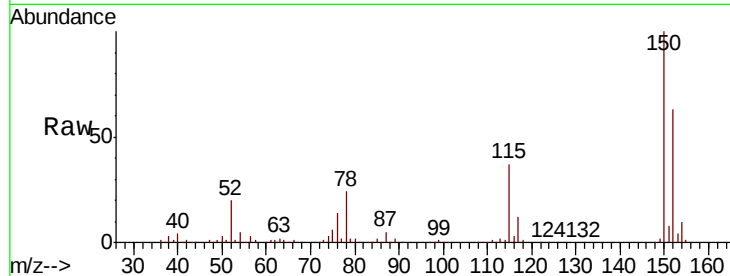


#1

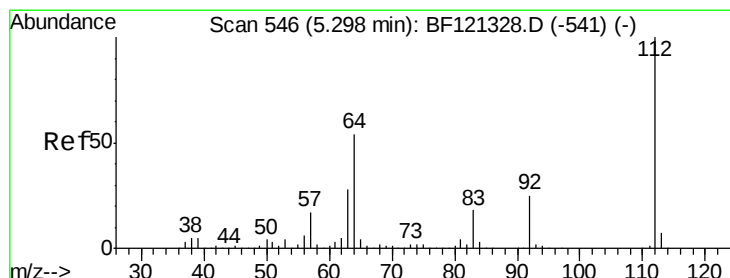
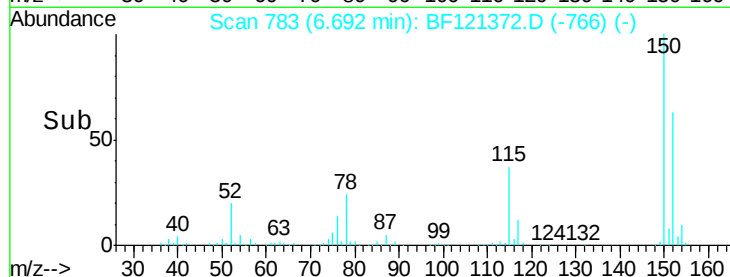
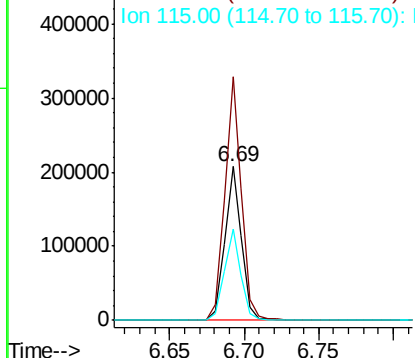
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

Tot Ion:152 Resp: 163763
Ion Ratio Lower Upper
152 100
150 158.5 124.8 187.2
115 59.2 46.1 69.1



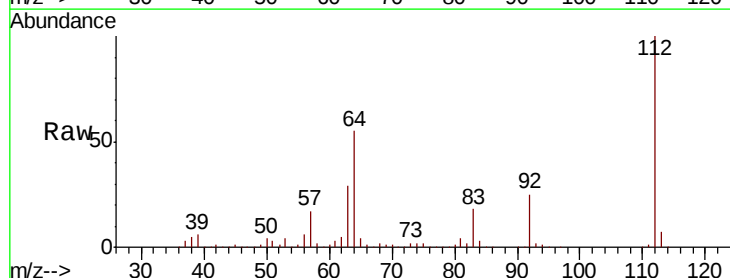
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



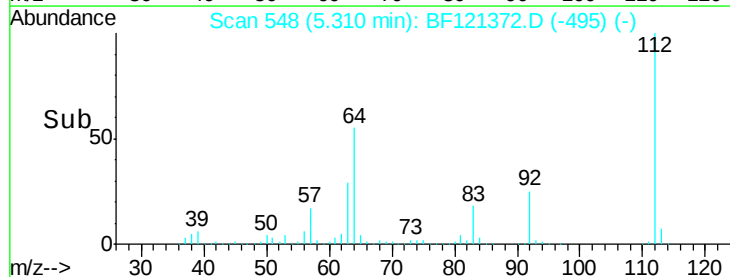
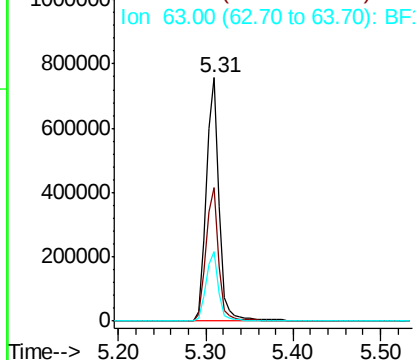
#5

2-Fluorophenol
Concen: 77.403 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion:112 Resp: 773040
Ion Ratio Lower Upper
112 100
64 55.1 43.5 65.3
63 28.6 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: 72.861 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121372.D

Acq: 21 Aug 2020 17:42

Instrument :

BNA_F

ClientSampleId :

20200507-DISCRETE-005

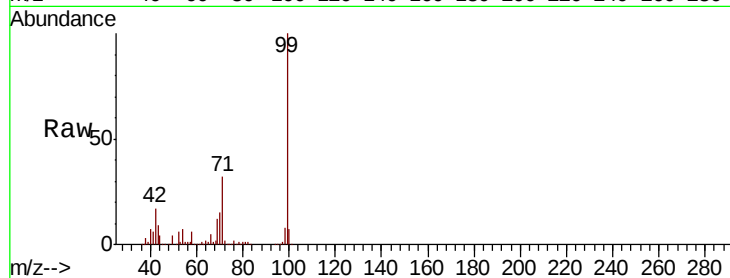
Tot Ion: 99 Resp: 928941

Ion Ratio Lower Upper

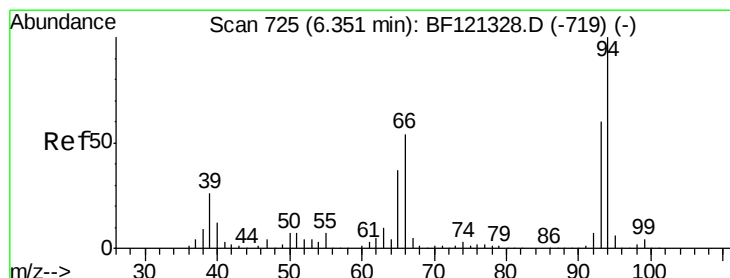
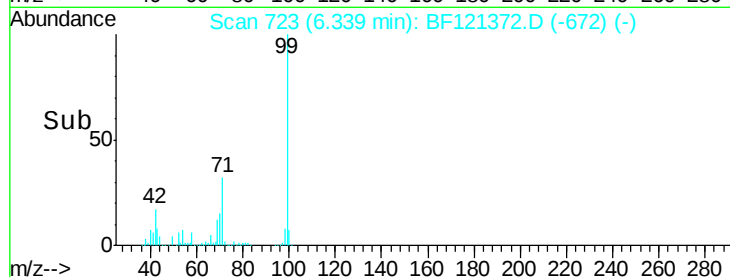
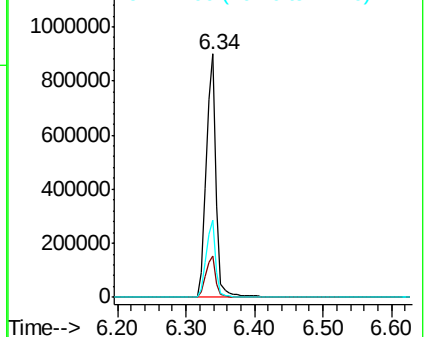
99 100

42 17.1 13.5 20.3

71 31.7 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: 2.695 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121372.D

Acq: 21 Aug 2020 17:42

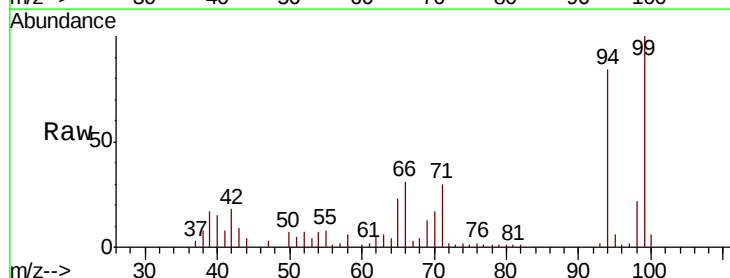
Tgt Ion: 94 Resp: 36023

Ion Ratio Lower Upper

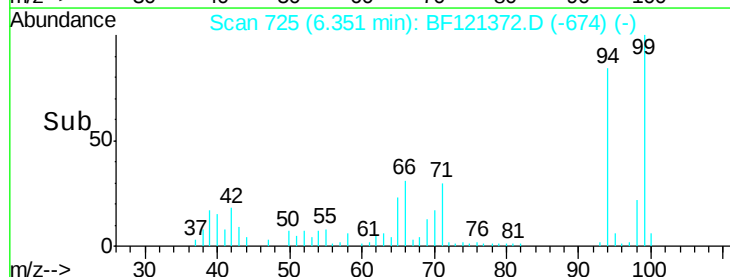
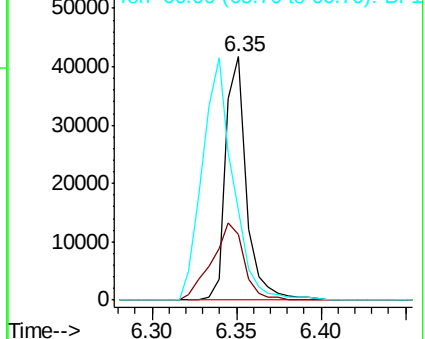
94 100

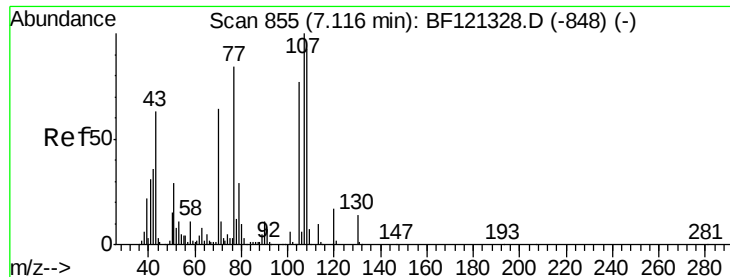
65 26.9 16.6 56.6

66 37.2 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

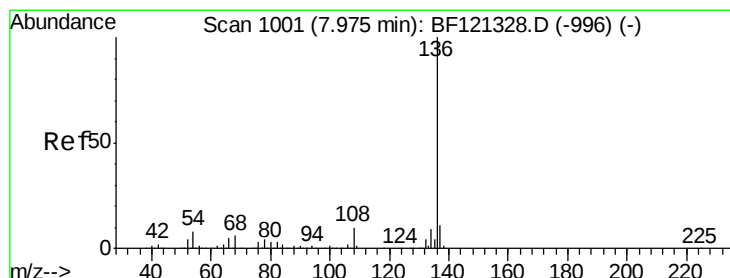
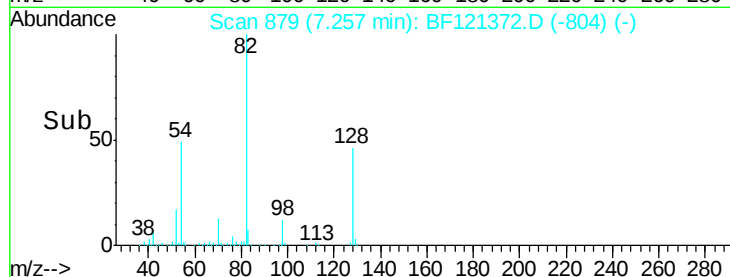
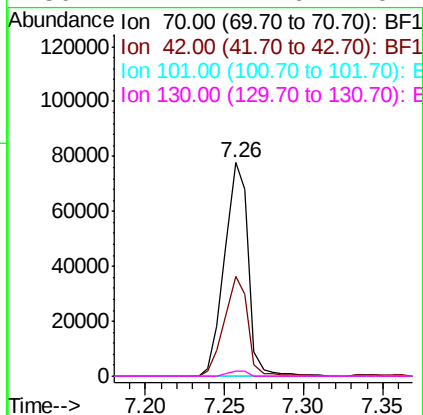
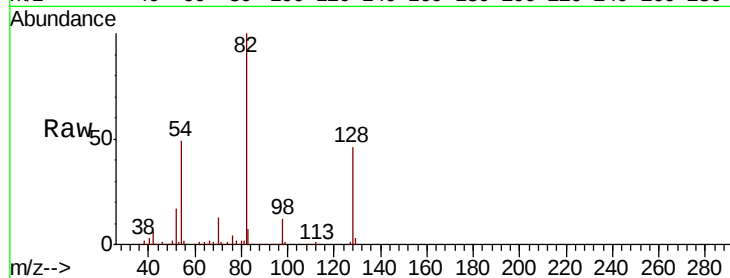




#19
n-Nitroso-di-n-propylamine
Concen: 11.806 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

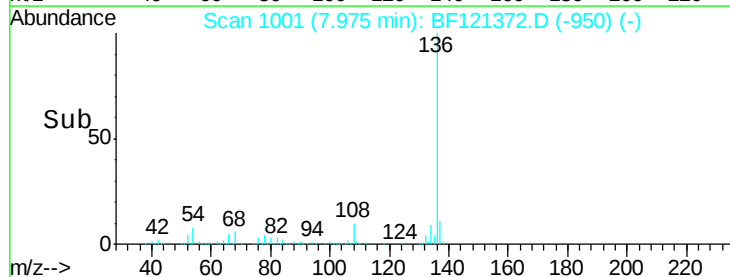
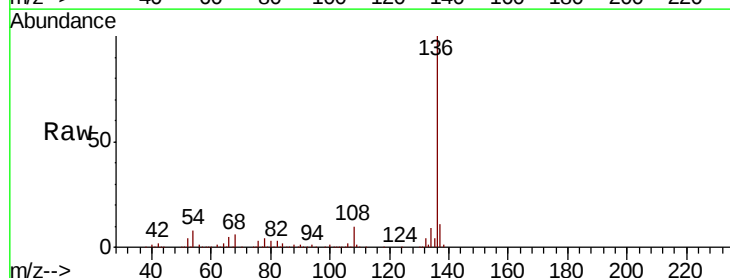
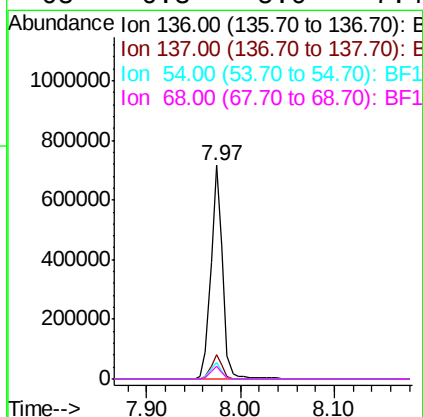
Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

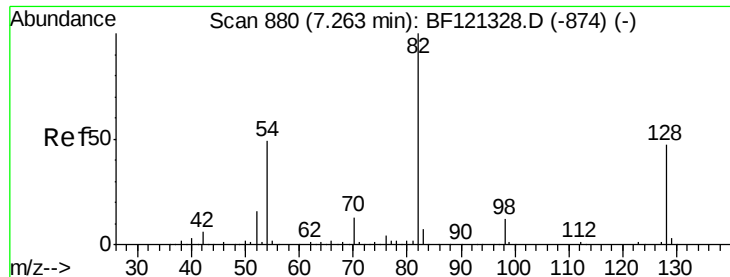
Tot Ion: 70 Resp: 80952
Ion Ratio Lower Upper
70 100
42 46.8 45.2 67.8
101 0.0 7.7 11.5#
130 2.4 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion:136 Resp: 637583
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.5 6.1 9.1
68 6.3 5.0 7.4

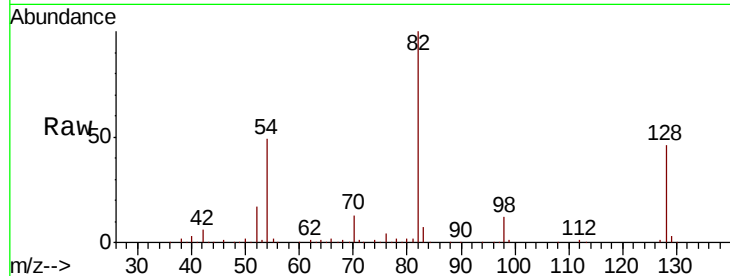




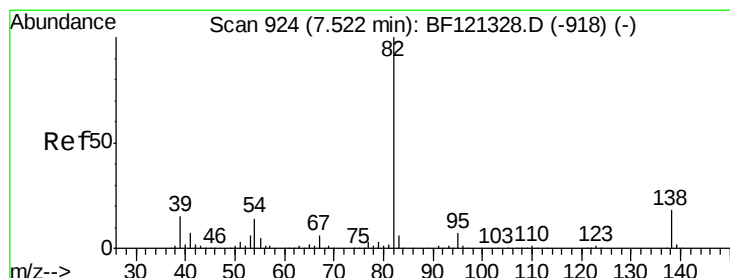
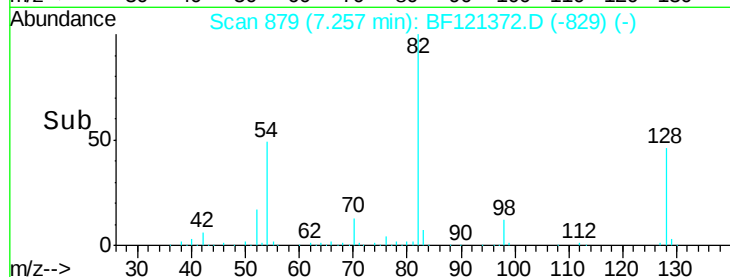
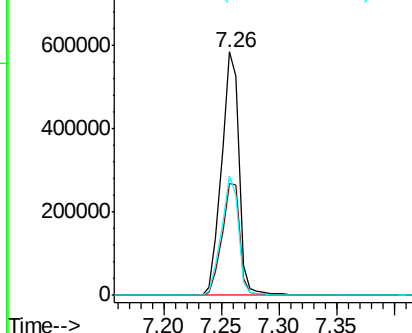
#23
Nitrobenzene-d5
Concen: 54.962 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

Tot Ion	82	Resp	619616
Ion Ratio	Lower	Upper	
82	100		
128	46.1	37.9	56.9
54	49.2	39.0	58.4

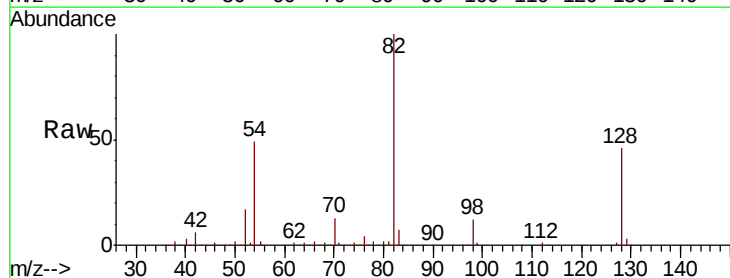


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

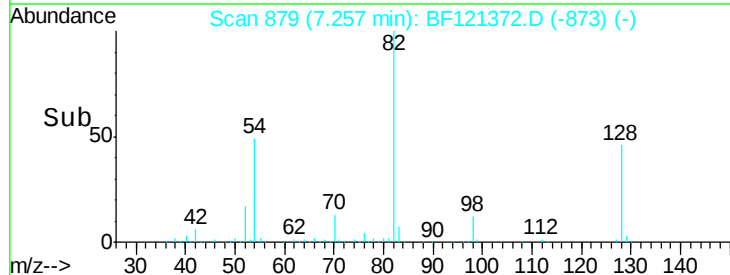
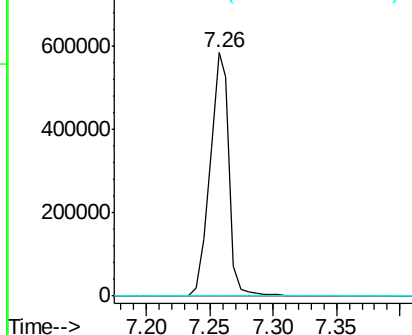


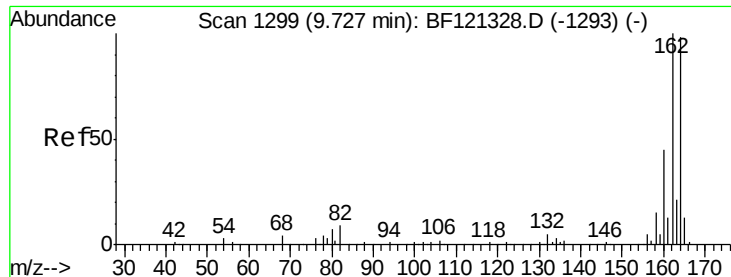
#25
Isophorone
Concen: 29.980 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion	82	Resp	615057
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: BF121372.D

Acq: 21 Aug 2020 17:42

Instrument :

BNA_F

ClientSampleId :

20200507-DISCRETE-005

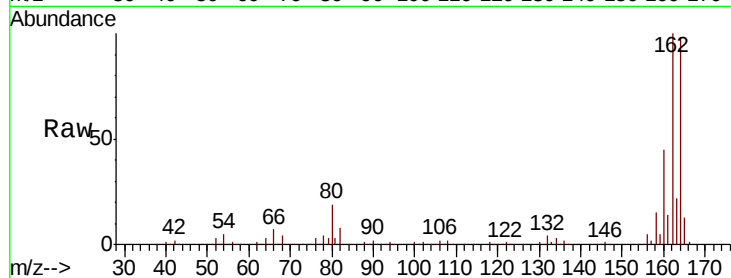
Tot Ion:164 Resp: 331510

Ion Ratio Lower Upper

164 100

162 102.5 81.7 122.5

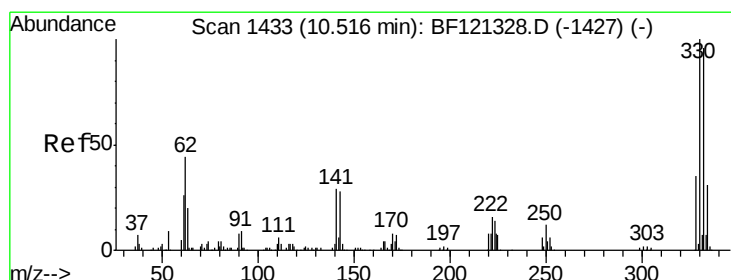
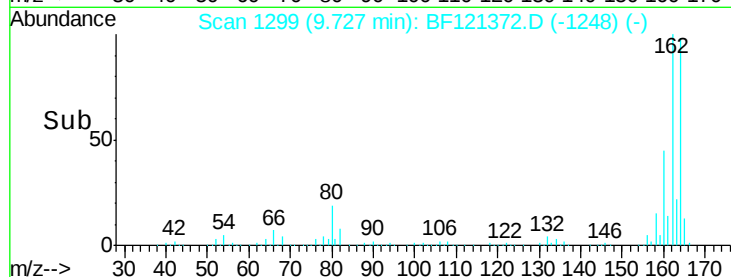
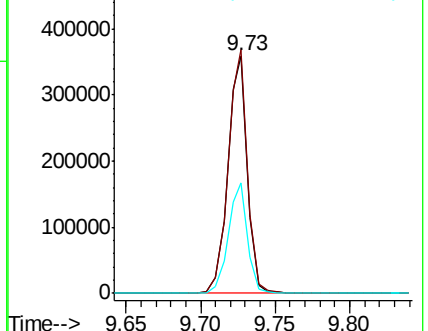
160 46.3 37.0 55.4



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: 70.732 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF121372.D

Acq: 21 Aug 2020 17:42

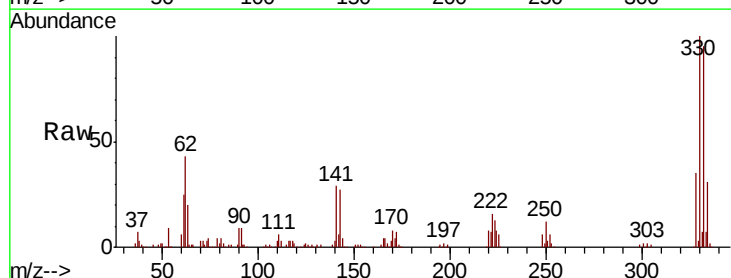
Tgt Ion:330 Resp: 273248

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

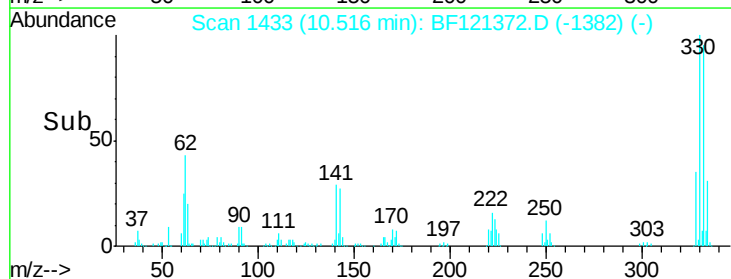
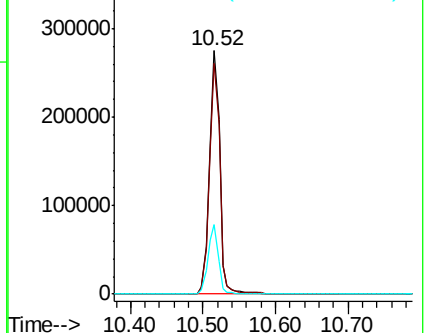
141 28.8 22.8 34.2

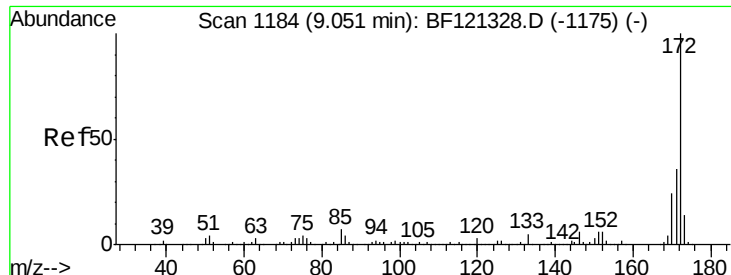


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

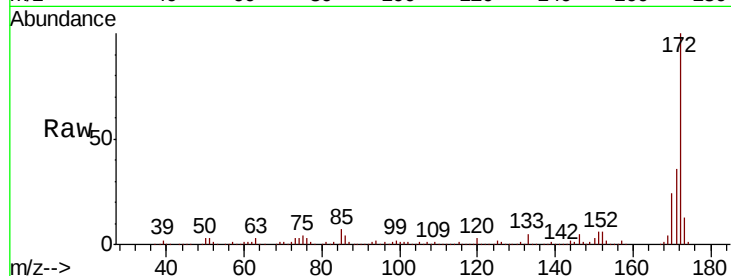




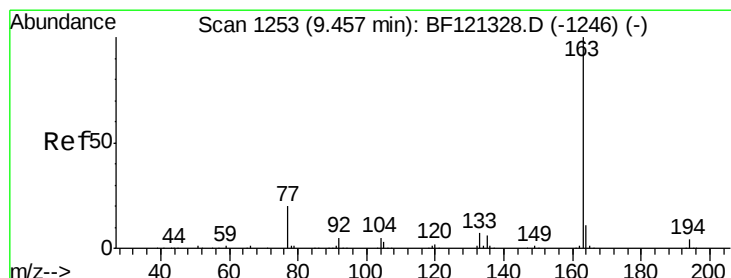
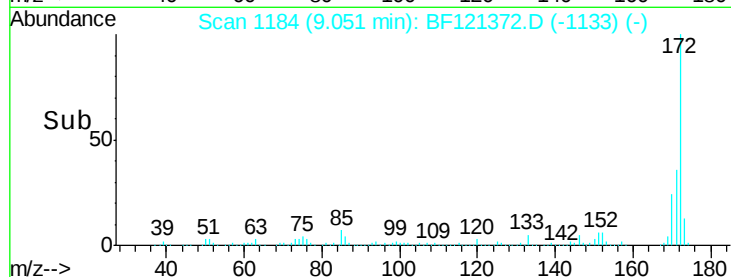
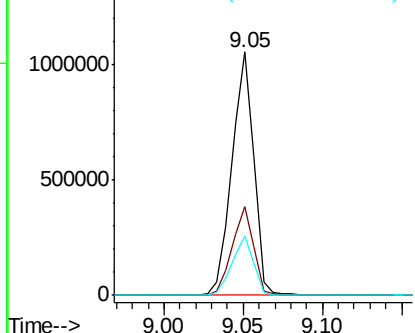
#45
2-Fluorobiphenyl
Concen: 53.994 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
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ClientSampleId :
20200507-DISCRETE-005

Tot Ion:172 Resp: 1013855
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.4 19.4 29.2

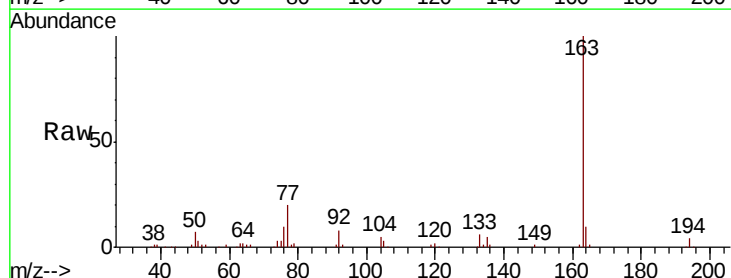


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

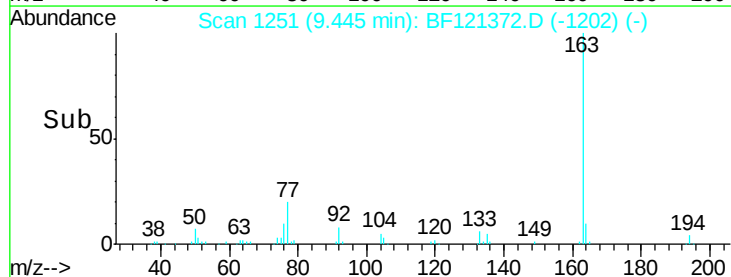
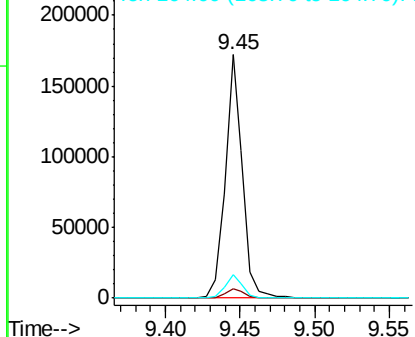


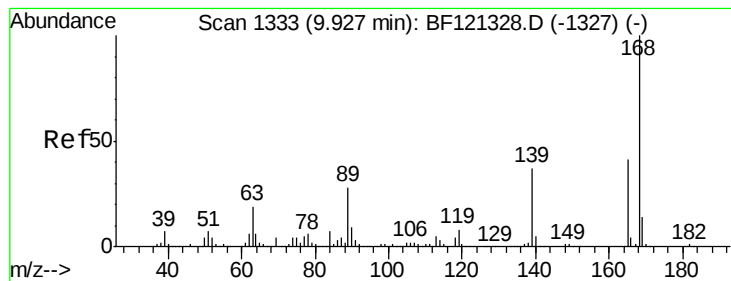
#50
Dimethylphthalate
Concen: 5.779 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion:163 Resp: 139371
Ion Ratio Lower Upper
163 100
194 3.8 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





#57

2,4-Dinitrotoluene

Concen: 6.821 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF121372.D

Acq: 21 Aug 2020 17:42

Instrument :

BNA_F

ClientSampleId :

20200507-DISCRETE-005

Tot Ion:165 Resp: 42859

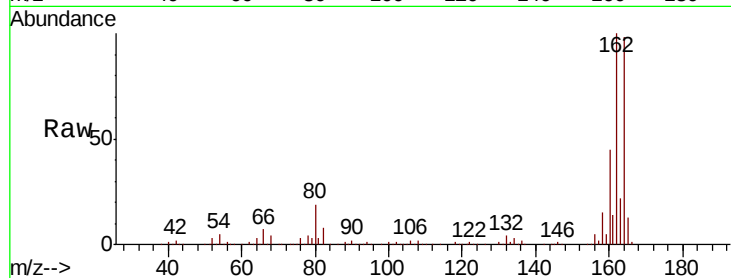
Ion Ratio Lower Upper

165 100

63 1.1 37.5 56.3#

89 1.2 54.2 81.4#

182 0.0 2.2 3.4#

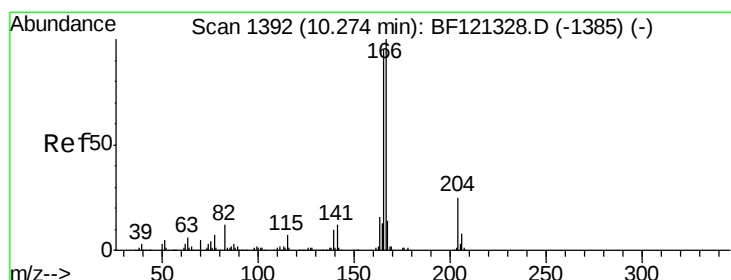
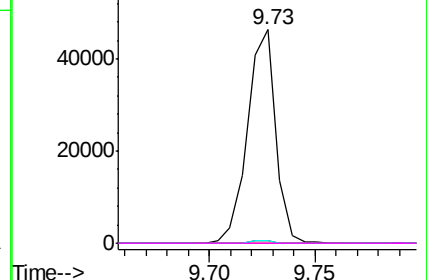
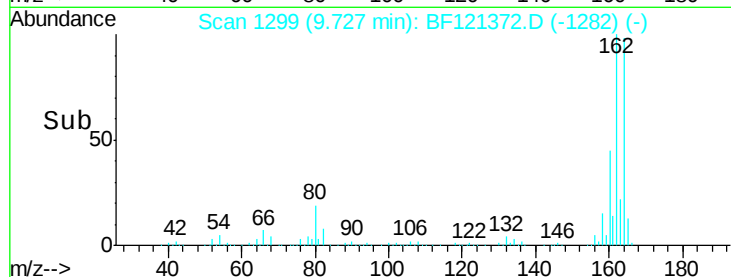


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF121372.D

Acq: 21 Aug 2020 17:42

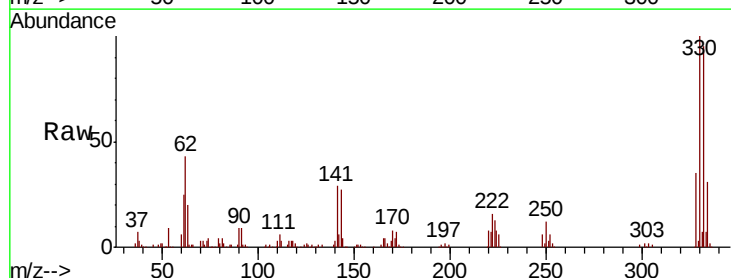
Tgt Ion:166 Resp: 10831

Ion Ratio Lower Upper

166 100

165 101.5 75.8 113.8

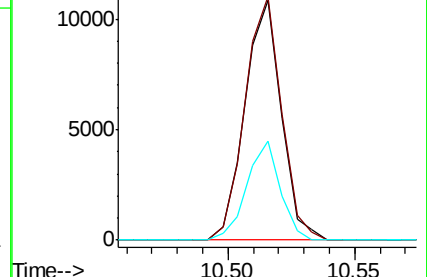
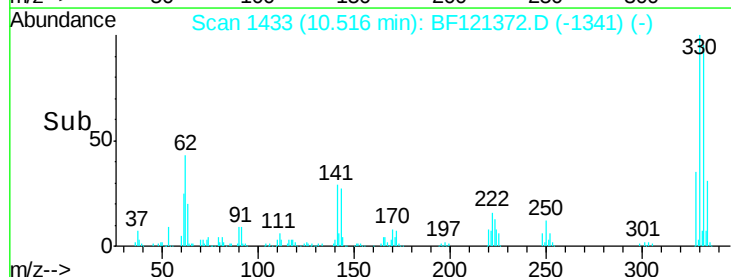
167 41.0 11.0 16.4#

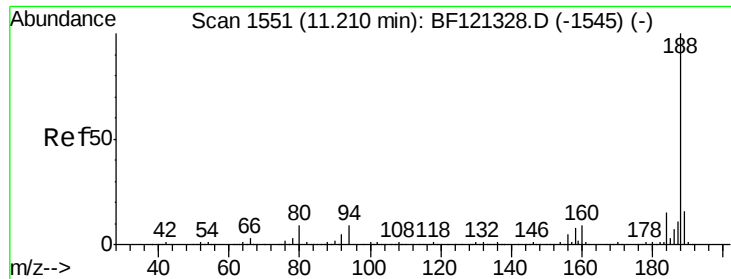


Abundance Ion 166.00 (165.70 to 166.70): E

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: BF121372.D

Acq: 21 Aug 2020 17:42

Instrument :

BNA_F

ClientSampleId :

20200507-DISCRETE-005

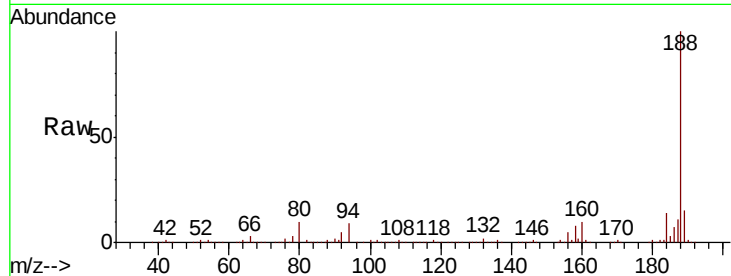
Tot Ion:188 Resp: 641920

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

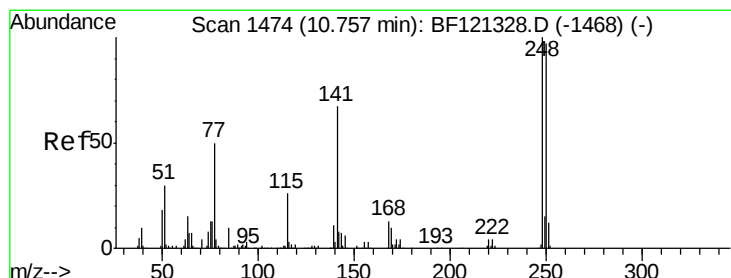
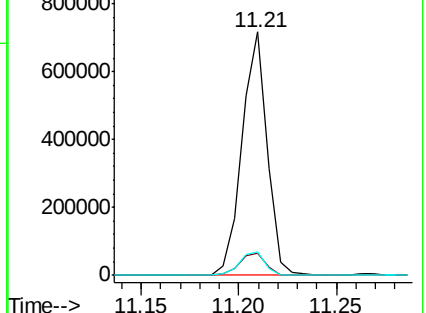
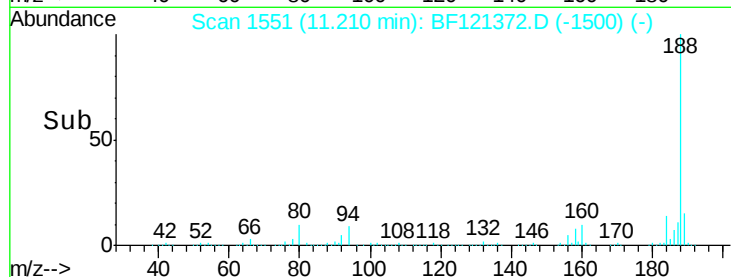
80 9.8 7.4 11.0



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: 2.148 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.24 min

Lab File: BF121372.D

Acq: 21 Aug 2020 17:42

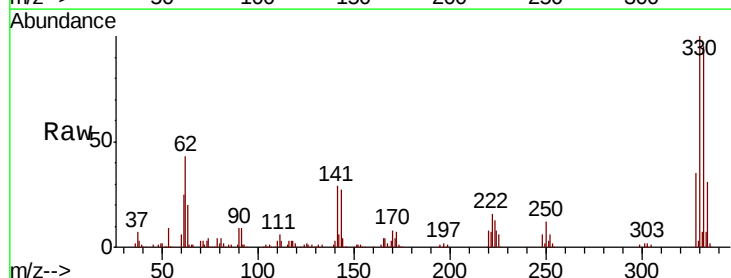
Tgt Ion:248 Resp: 15297

Ion Ratio Lower Upper

248 100

250 202.2 77.9 116.9#

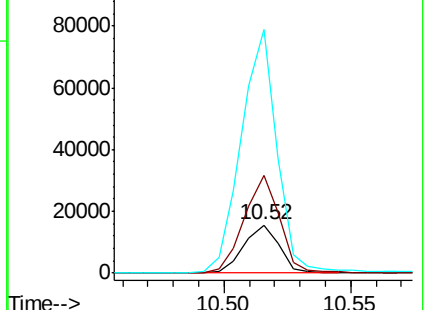
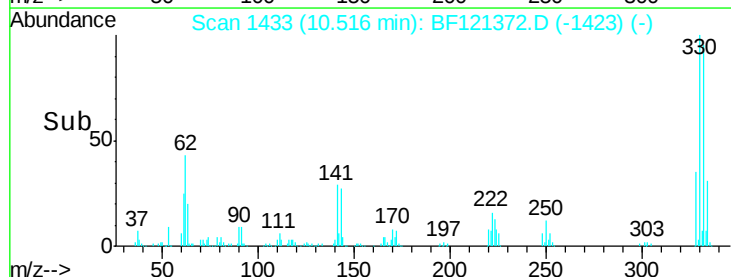
141 503.4 53.5 80.3#

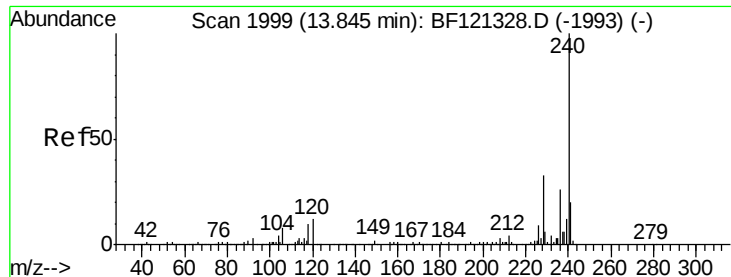


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

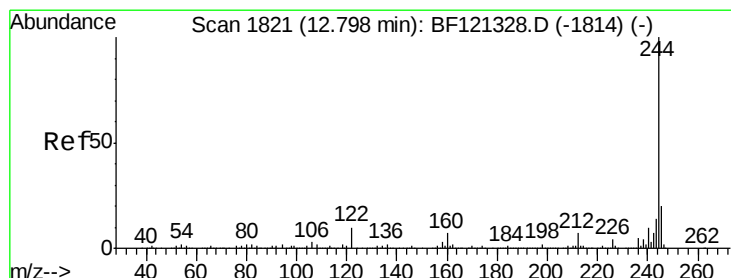
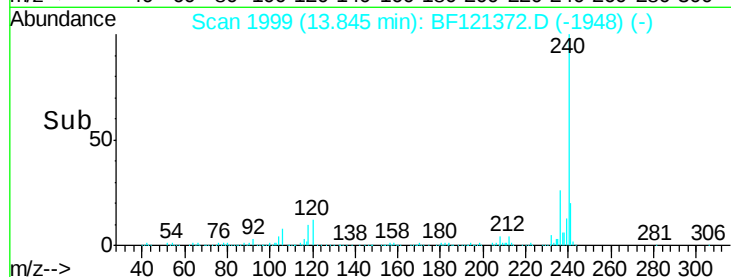
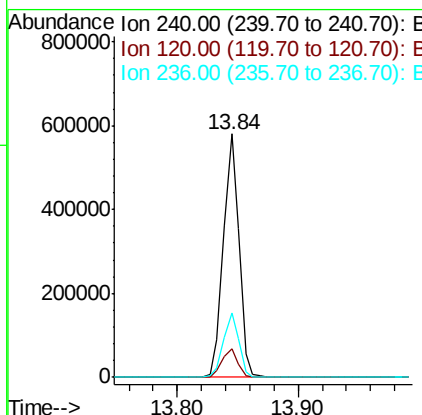
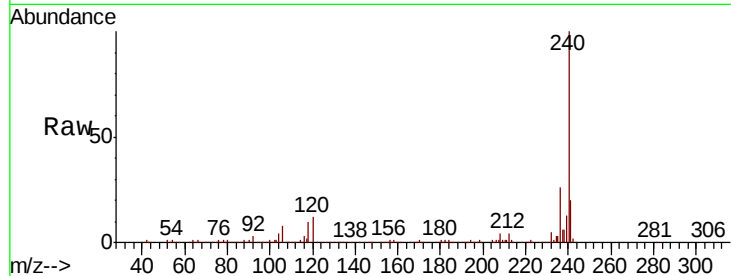




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

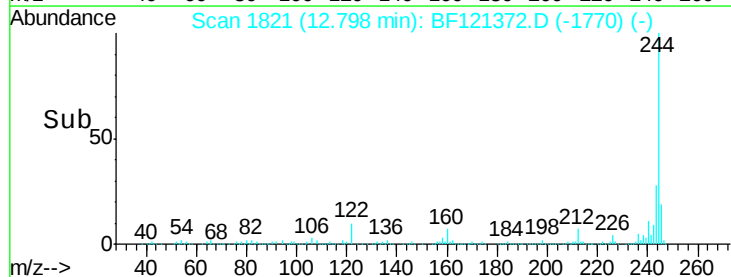
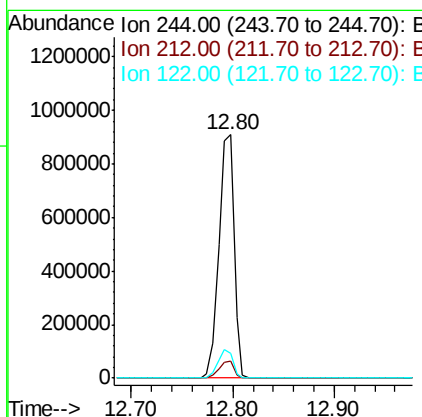
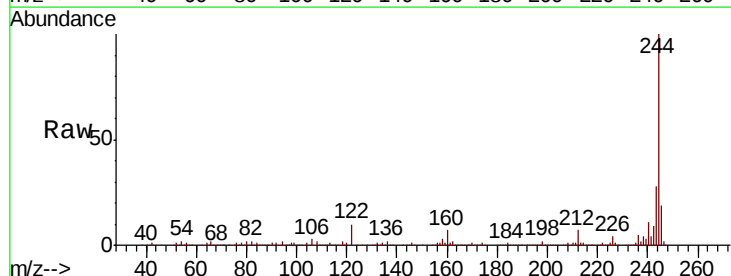
Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

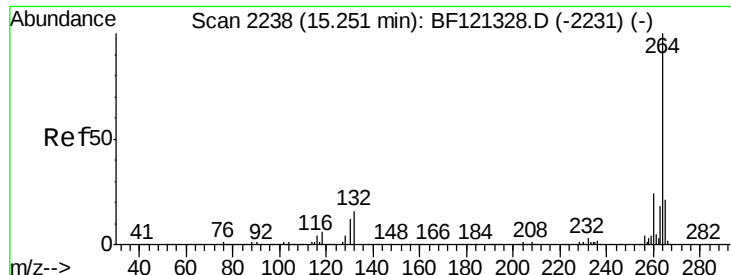
Tot Ion:240 Resp: 518142
Ion Ratio Lower Upper
240 100
120 11.8 9.6 14.4
236 26.4 20.6 31.0



#79
Terphenyl-d14
Concen: 35.802 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion:244 Resp: 949284
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 9.9 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.2	17.1	25.7

