

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 19:24:52 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

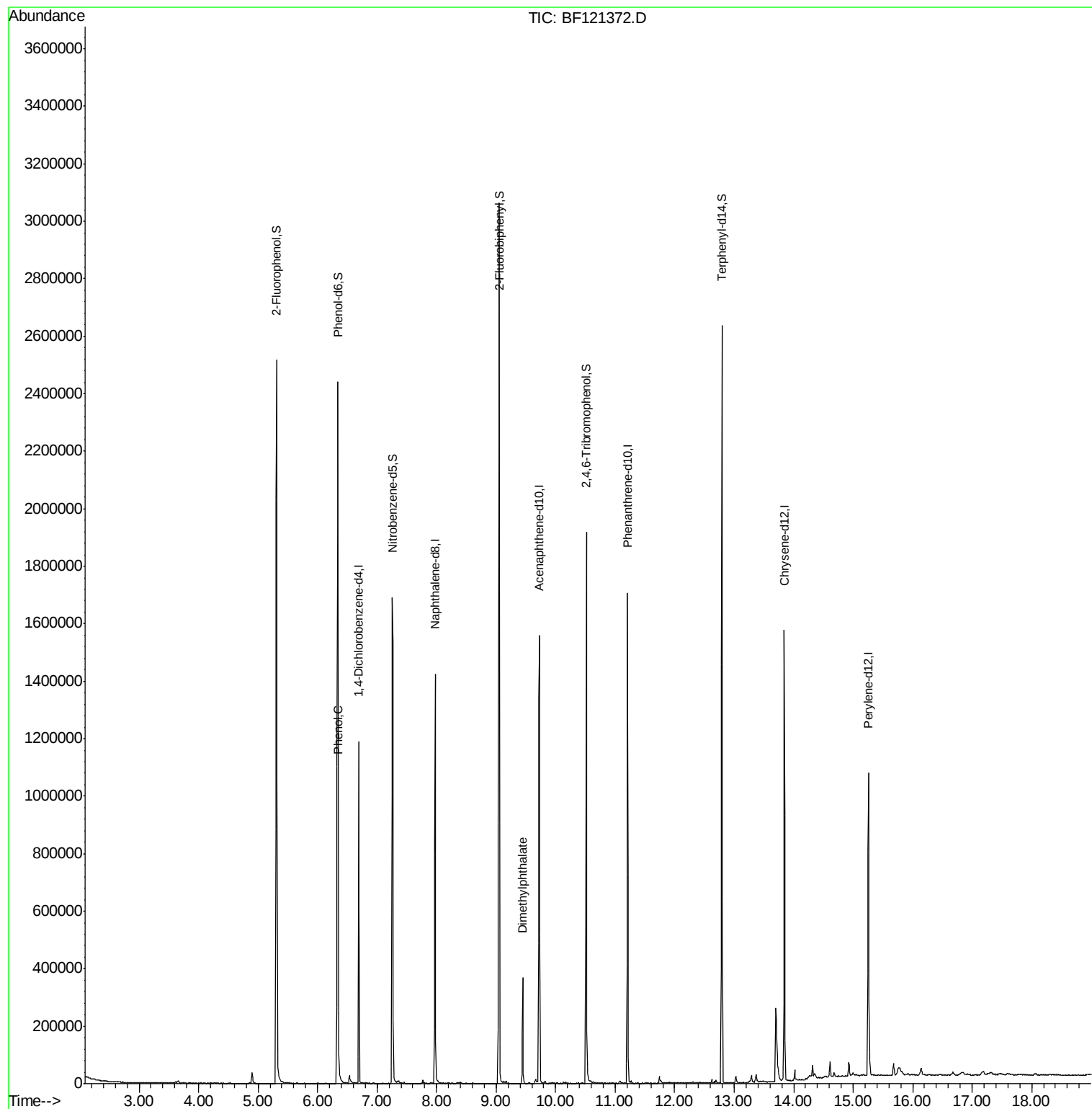
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	163763	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	637583	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	331510	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	641920	20.00	ng	0.00
76) Chrysene-d12	13.84	240	518142	20.00	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
50) Dimethylphthalate	9.45	163	139371	5.779	ng	99

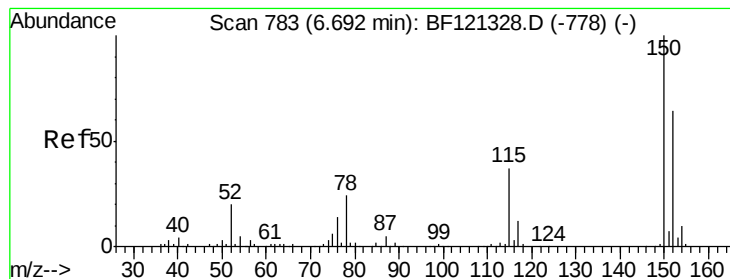
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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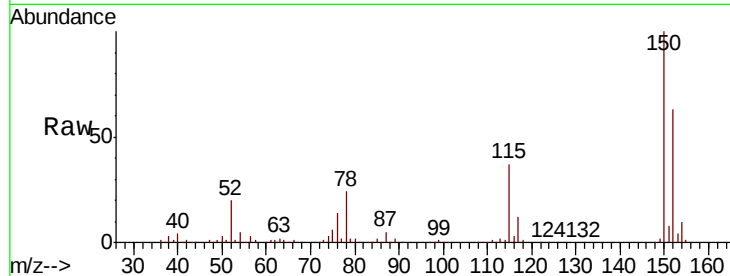


#1

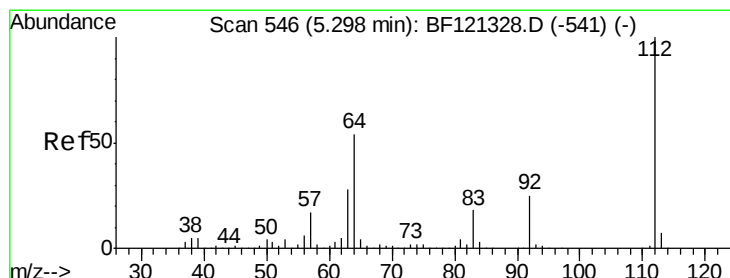
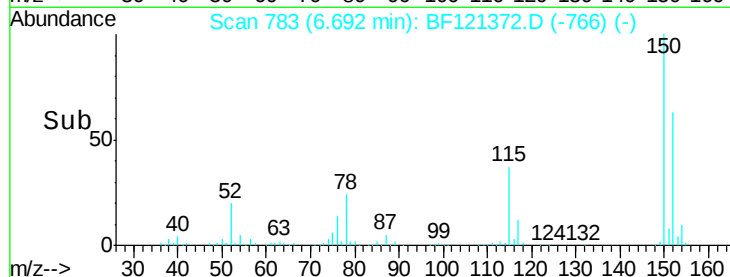
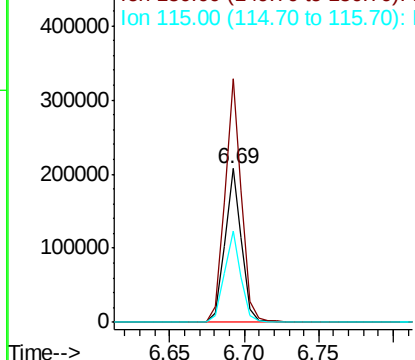
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

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



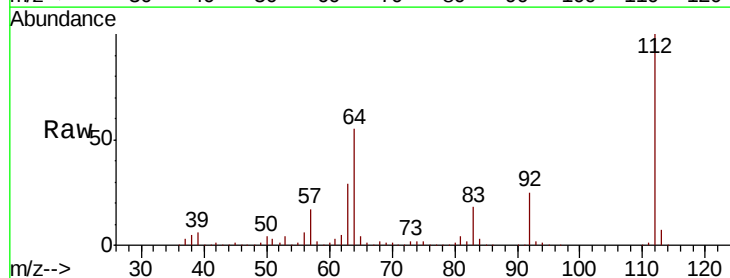
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



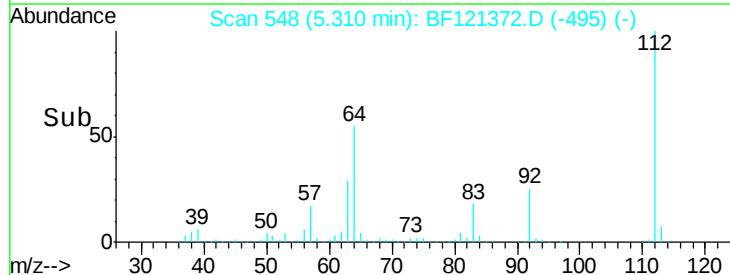
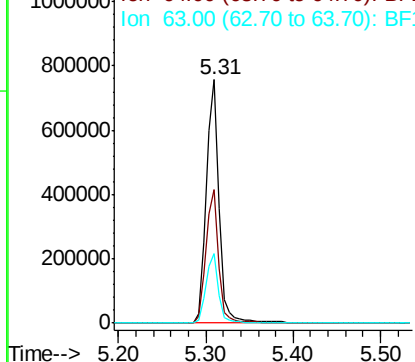
#5

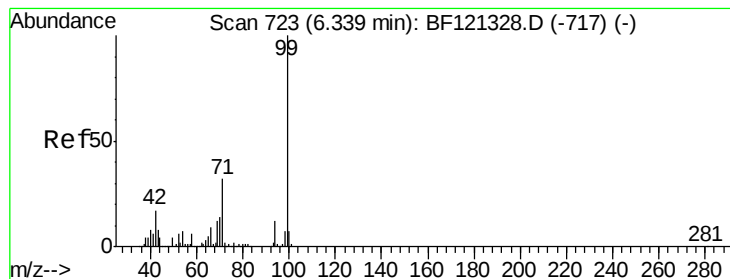
2-Fluorophenol
Concen: 77.403 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

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

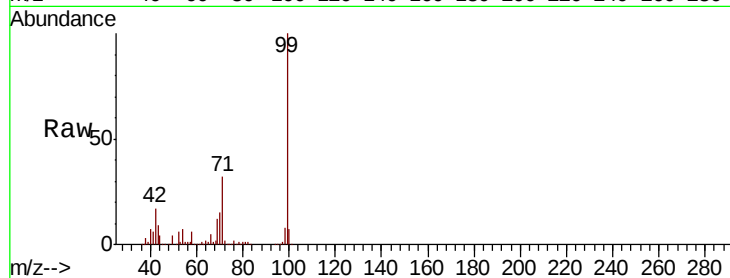
Tot Ion: 99 Resp: 928941

Ion Ratio Lower Upper

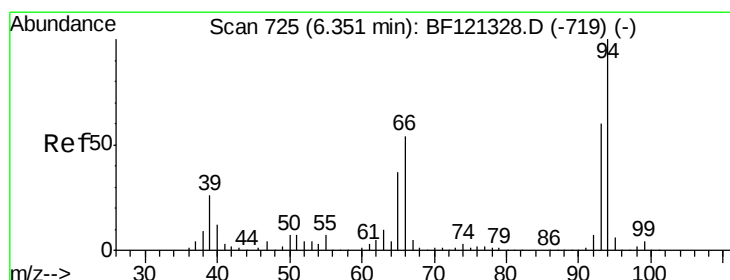
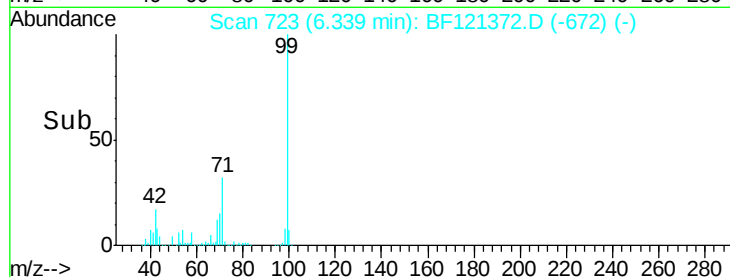
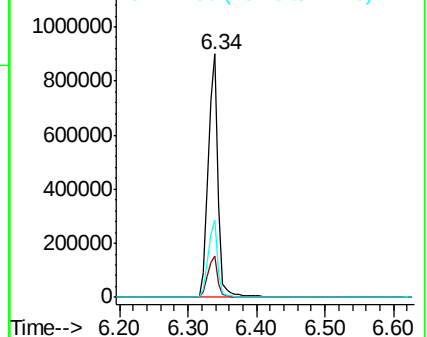
99 100

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

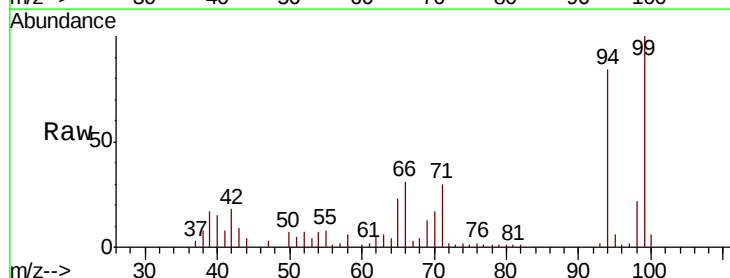
Tgt Ion: 94 Resp: 36023

Ion Ratio Lower Upper

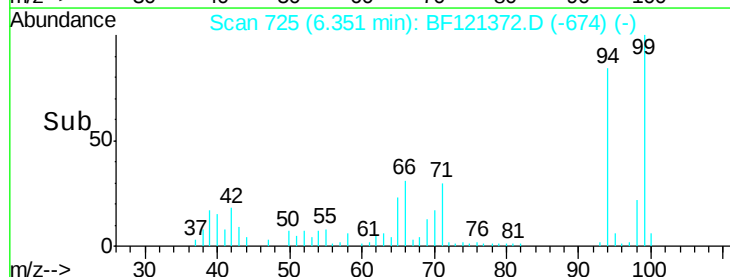
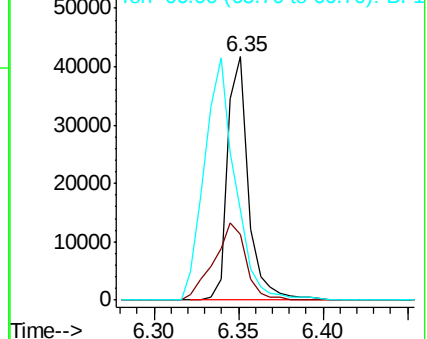
94 100

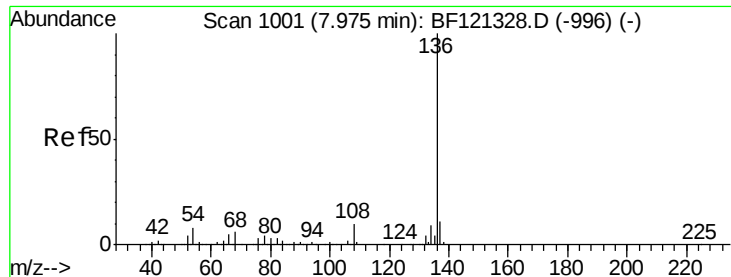
65 26.9 16.6 56.6

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

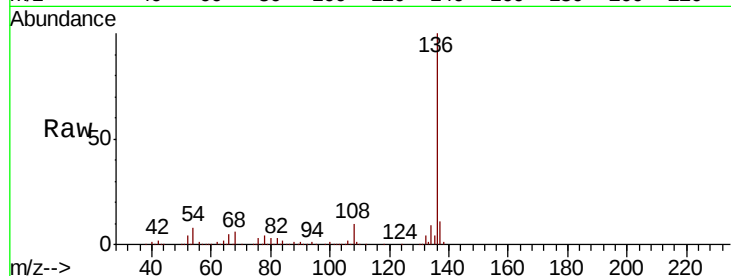




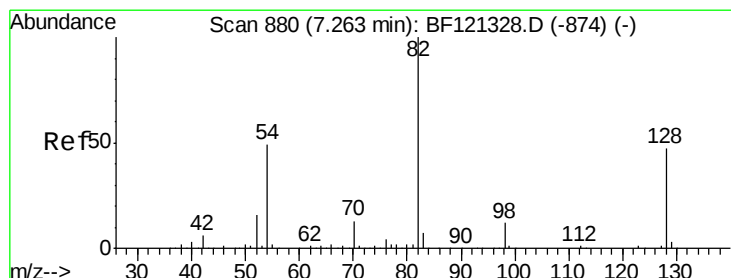
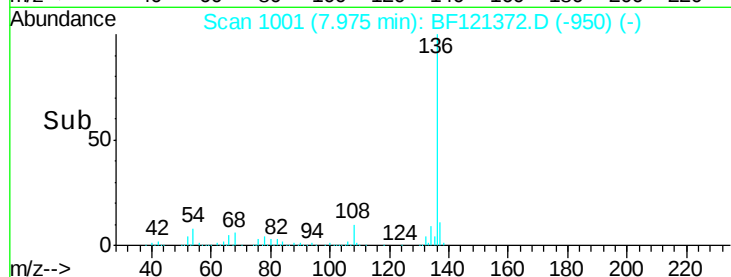
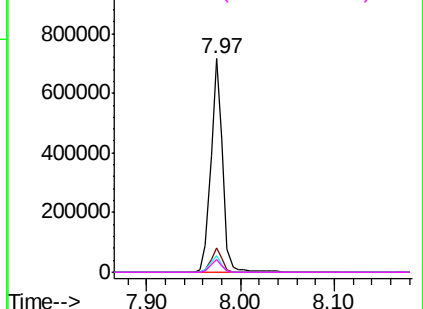
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

Tot 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	

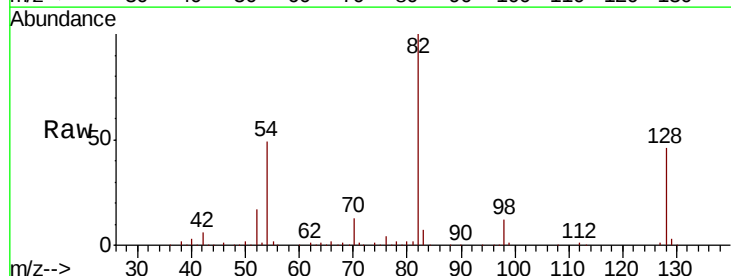


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

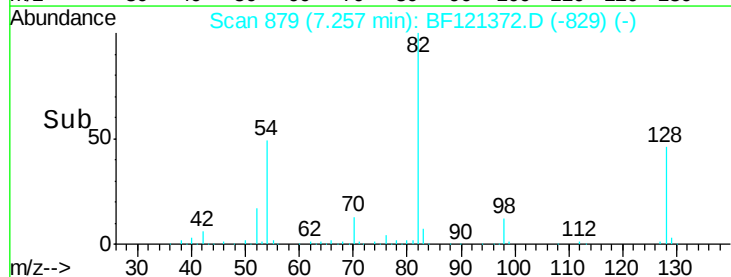
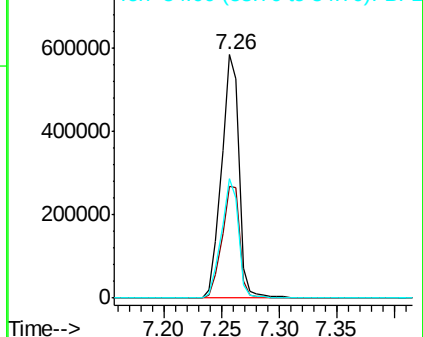


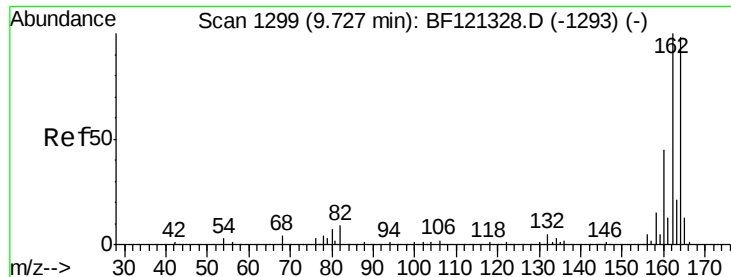
#23
Nitrobenzene-d5
Concen: 54.962 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt	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): E
Ion 54.00 (53.70 to 54.70): 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

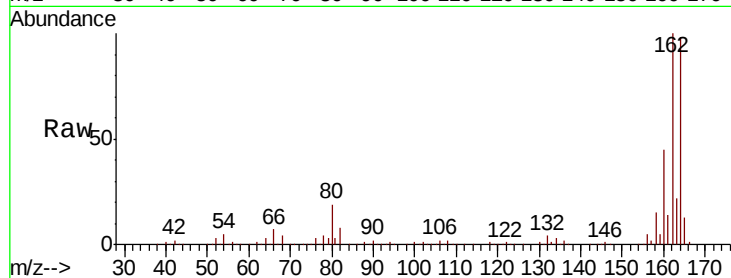
Tot Ion:164 Resp: 331510

Ion Ratio Lower Upper

164 100

162 102.5 81.7 122.5

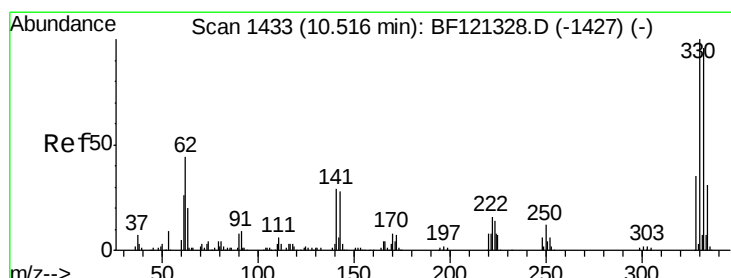
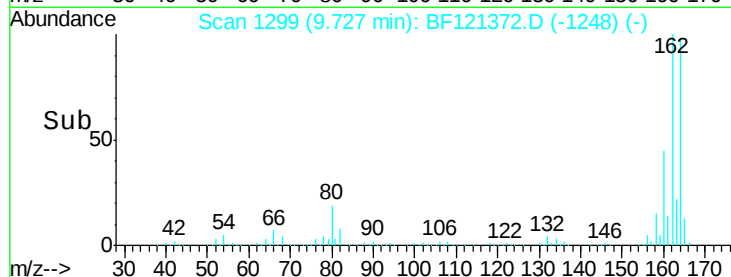
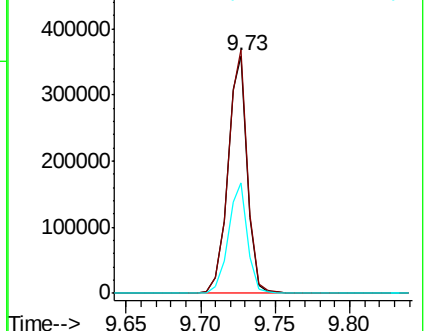
160 46.3 37.0 55.4



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

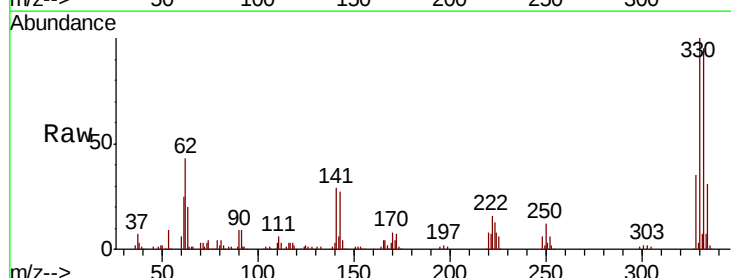
Tgt Ion:330 Resp: 273248

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

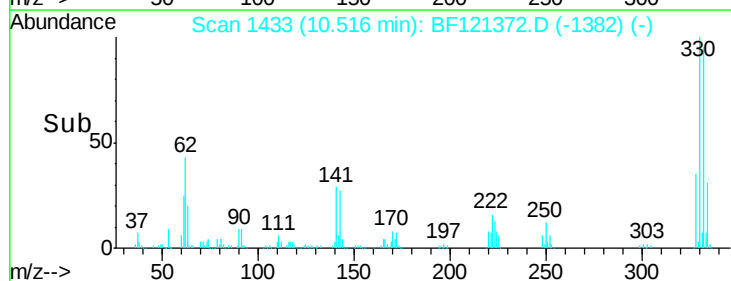
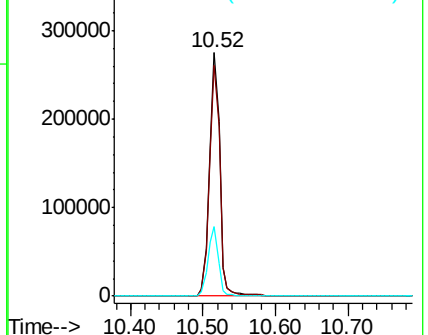
141 28.8 22.8 34.2

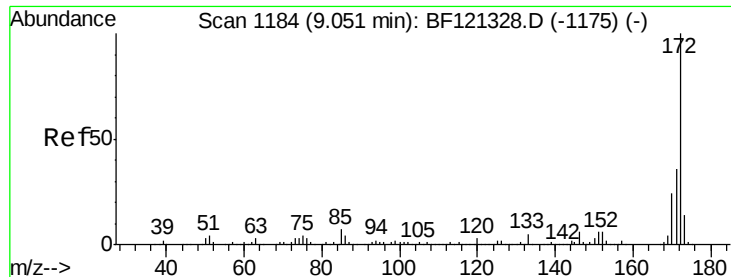


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

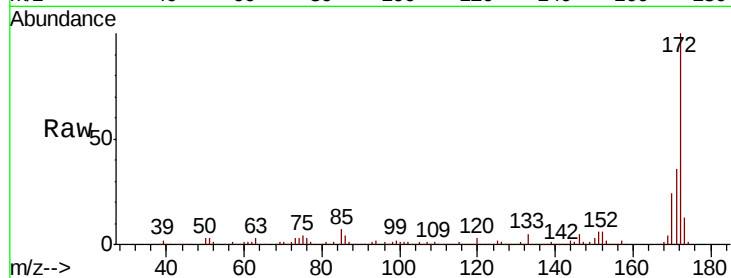




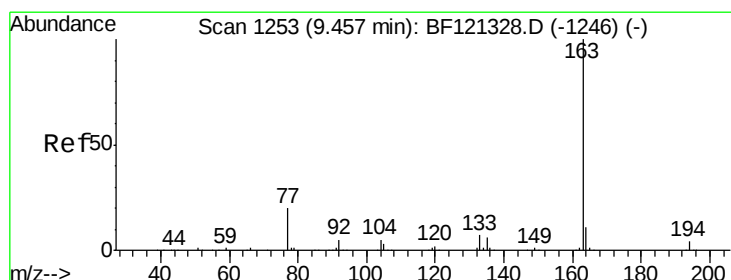
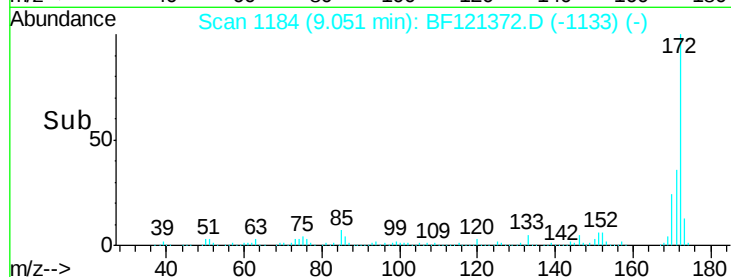
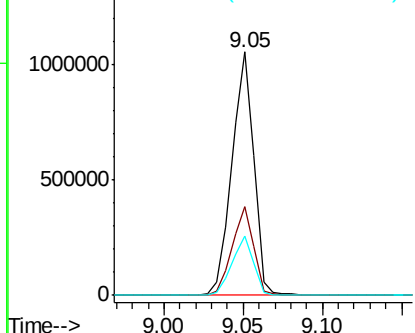
#45
2-Fluorobiphenyl
Concen: 53.994 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
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

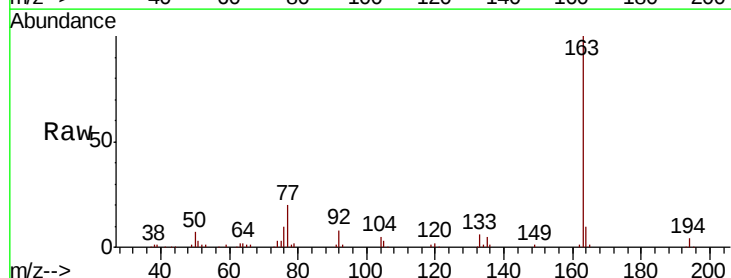


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

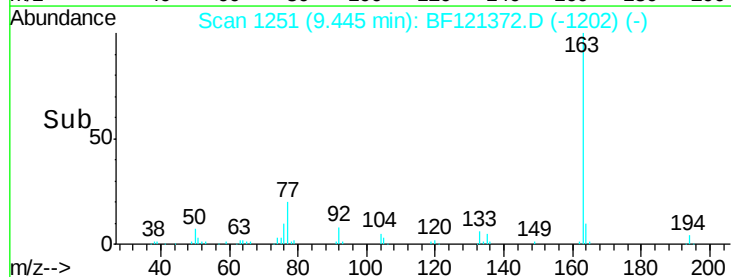
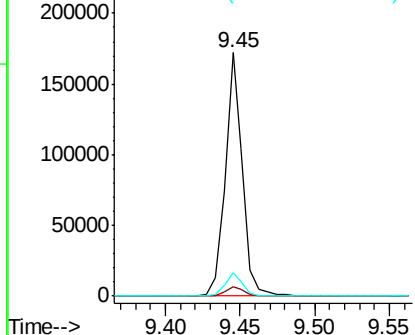


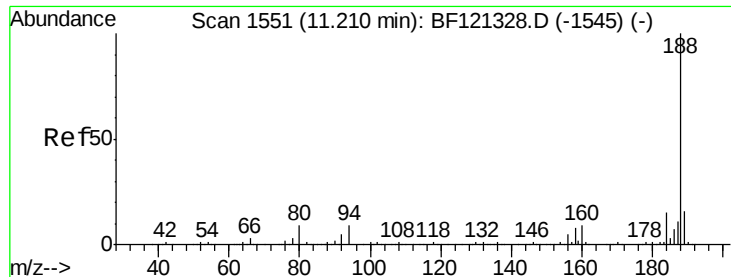
#50
Dimethylphthalate
Concen: 5.779 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

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

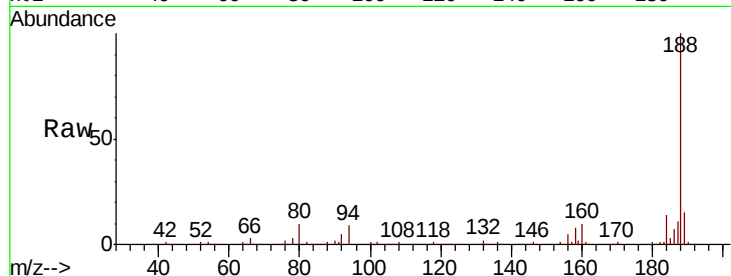




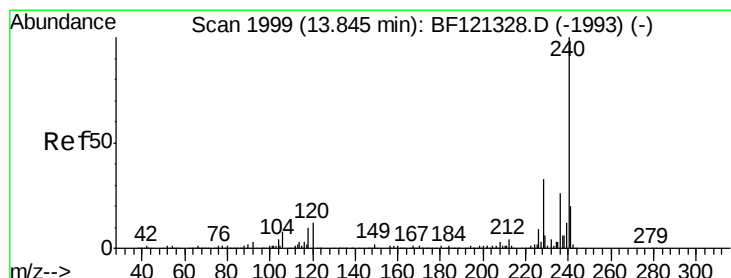
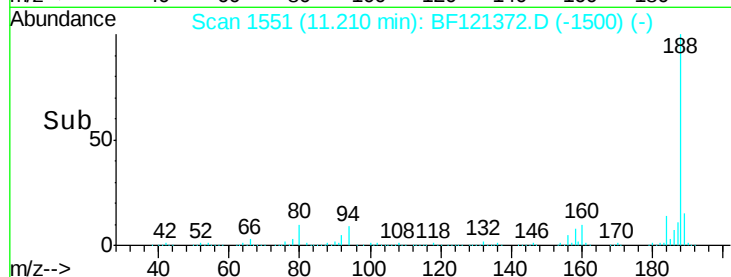
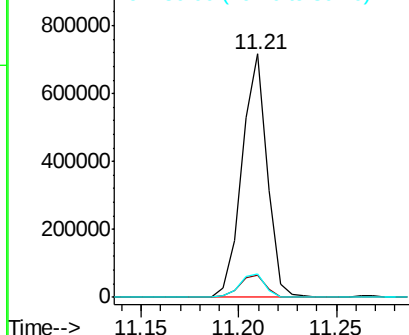
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Instrument :
BNA_F
ClientSampleId :
20200507-DISCRETE-005

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.8	7.4	11.0

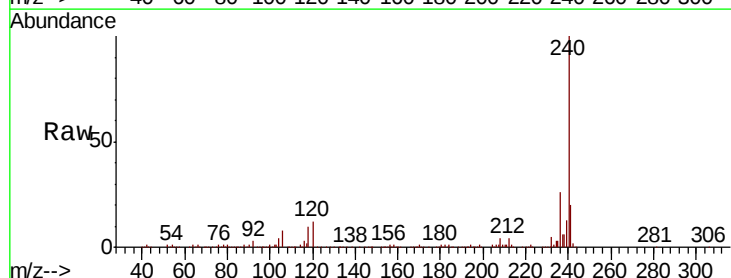


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

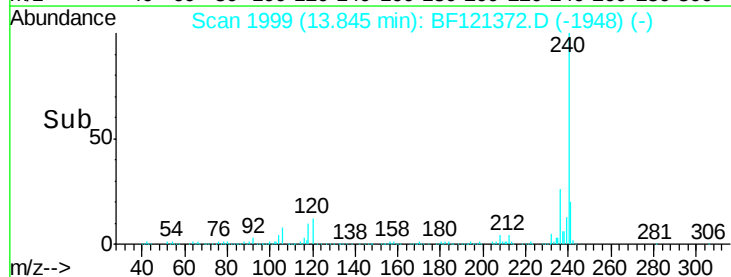
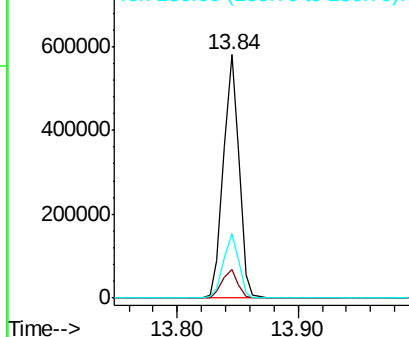


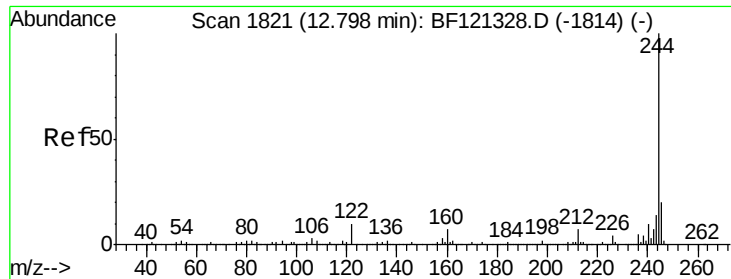
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121372.D
Acq: 21 Aug 2020 17:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.6	14.4
236	26.4	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: 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

Instrument :

BNA_F

ClientSampleId :

20200507-DISCRETE-005

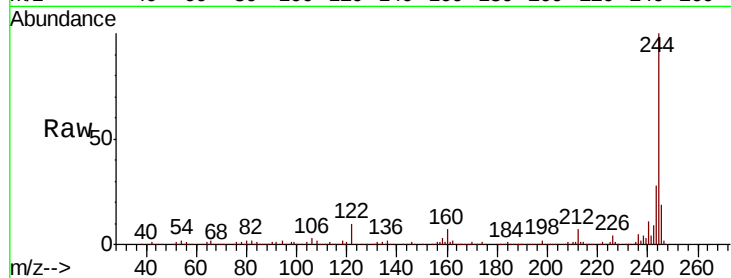
Tot Ion:244 Resp: 949284

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

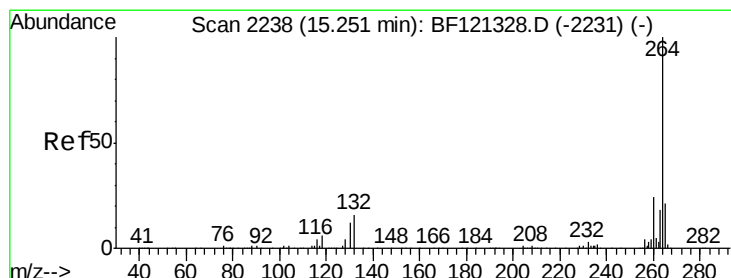
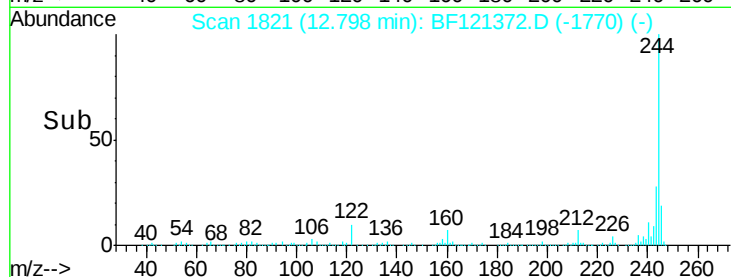
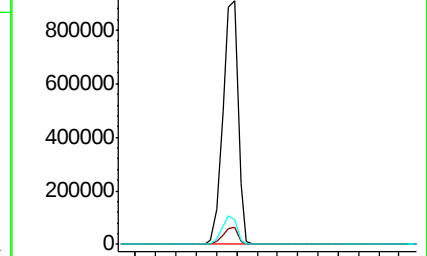
122 9.9 7.8 11.8



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

Perylene-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

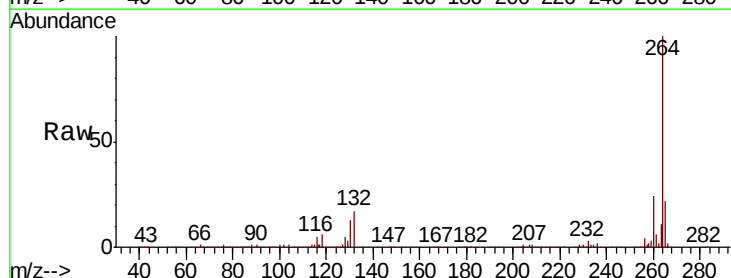
Tgt Ion:264 Resp: 463138

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 22.2 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

