

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121374.D
 Acq On : 21 Aug 2020 18:45
 Operator : JU/CG
 Sample : L3719-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200512-AMENDED-DISCRETE-00

Quant Time: Aug 22 01:34:57 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

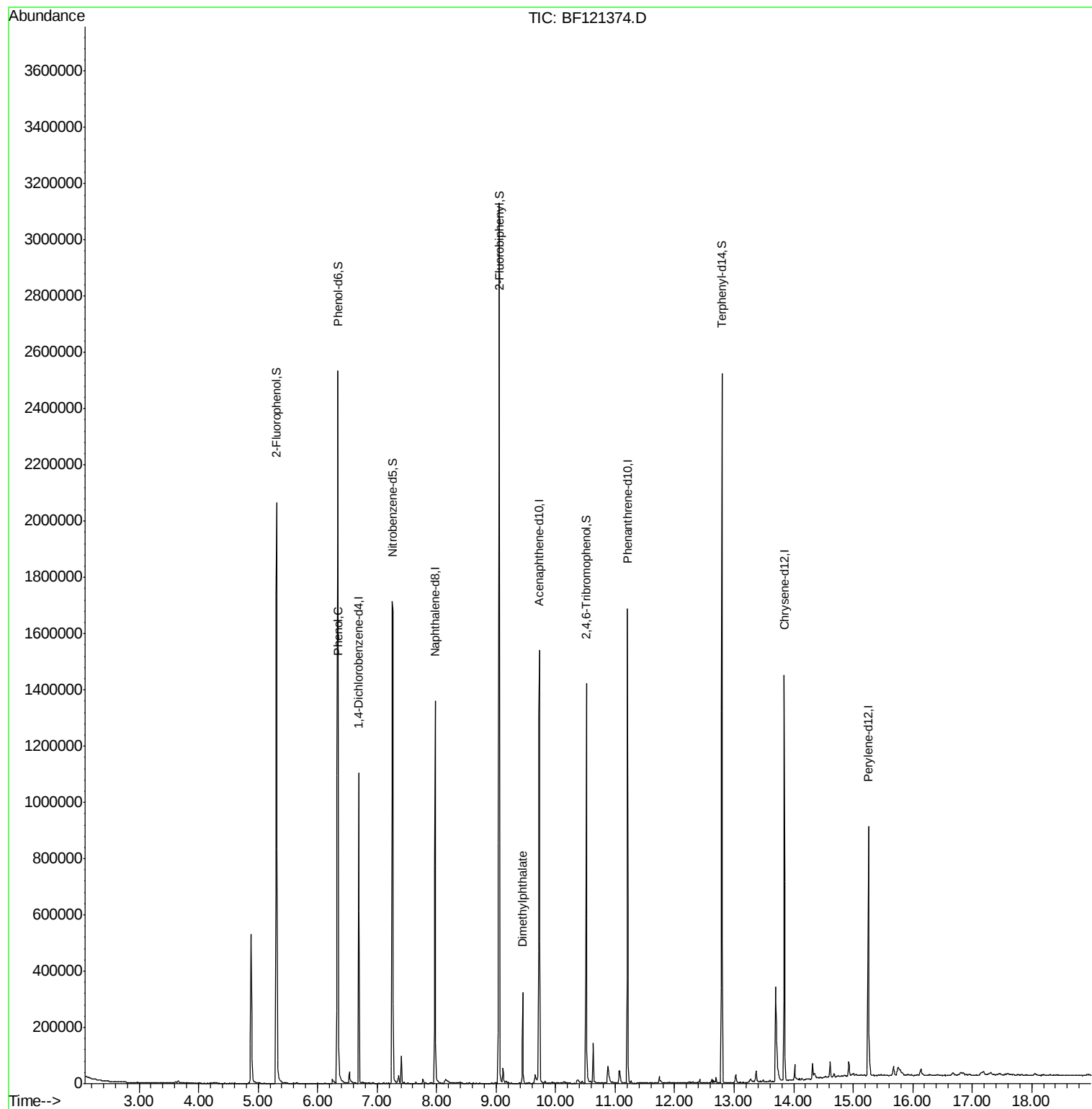
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157674	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	619792	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320529	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	612116	20.00	ng	0.00
76) Chrysene-d12	13.84	240	465076	20.00	ng	0.00
86) Perylene-d12	15.26	264	393725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	637312	66.28	ng	0.01
7) Phenol-d6	6.34	99	972395	79.21	ng	0.00
23) Nitrobenzene-d5	7.26	82	642086	58.59	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	190340	50.96	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1038177	58.08	ng	0.00
79) Terphenyl-d14	12.79	244	880837	37.01	ng	0.00
Target Compounds						
10) Phenol	6.35	94	39374	3.059	ng	80
50) Dimethylphthalate	9.45	163	122595	5.257	ng	99

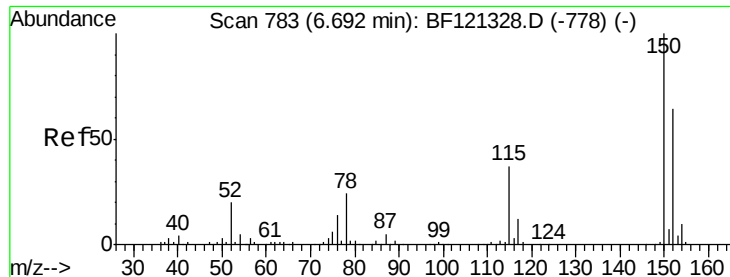
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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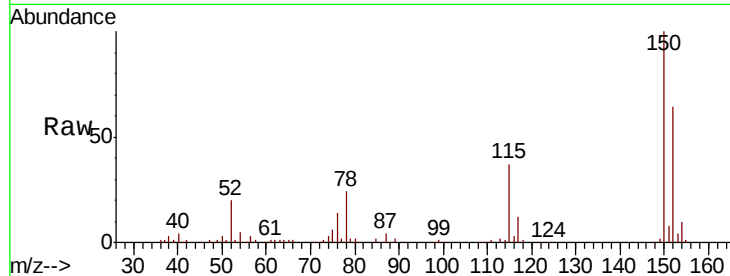


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.8	187.2
115	59.0	46.1	69.1

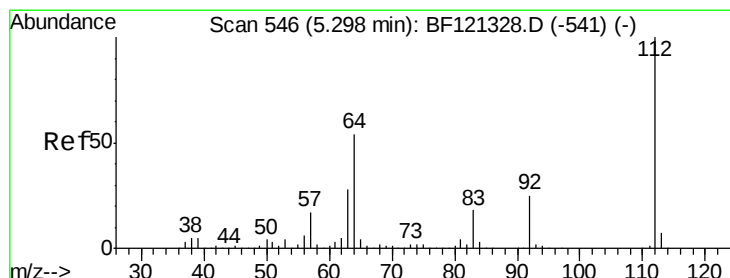
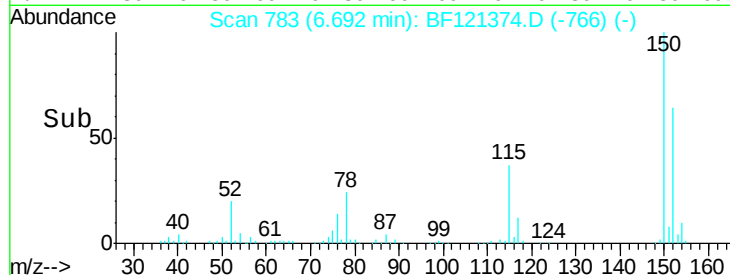
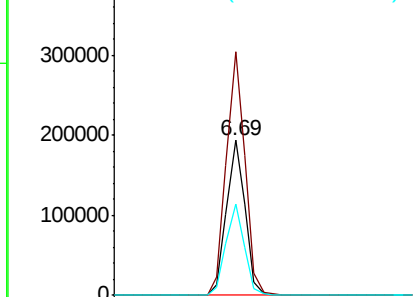


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

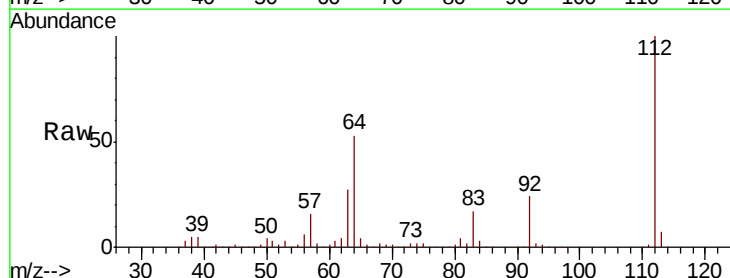
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.277 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.5	65.3
63	27.3	22.0	33.0

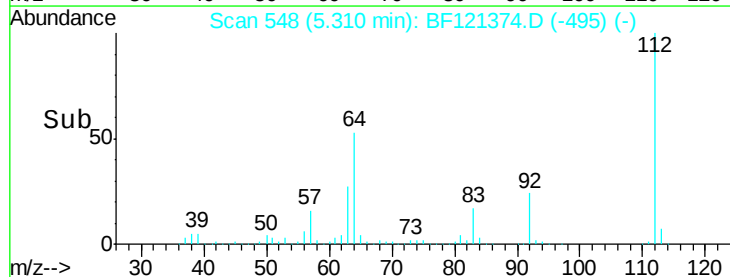
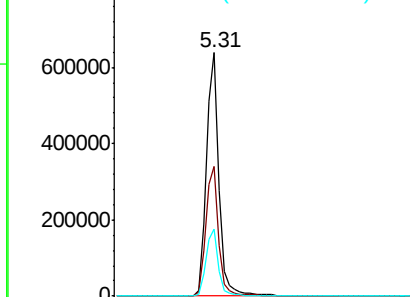


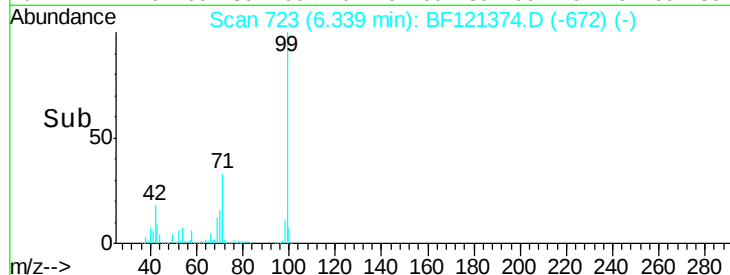
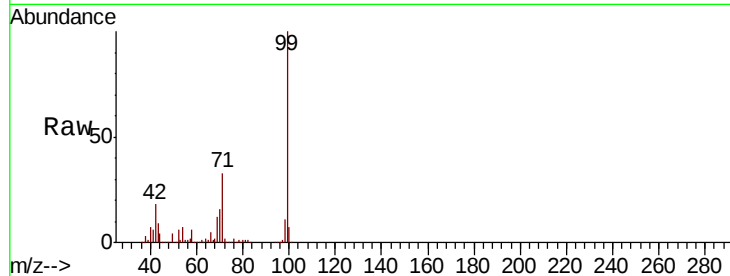
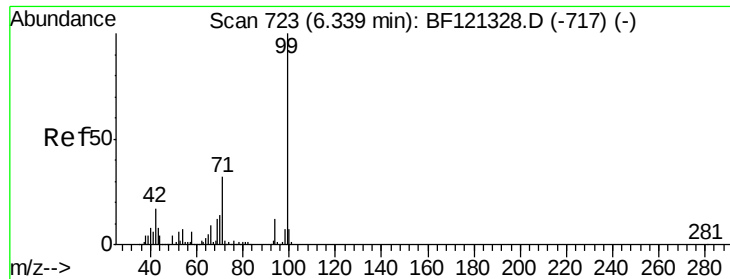
Abundance

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: 79.215 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

Instrument :

BNA_F

ClientSampleId :

20200512-AMENDED-DISCRETE-00

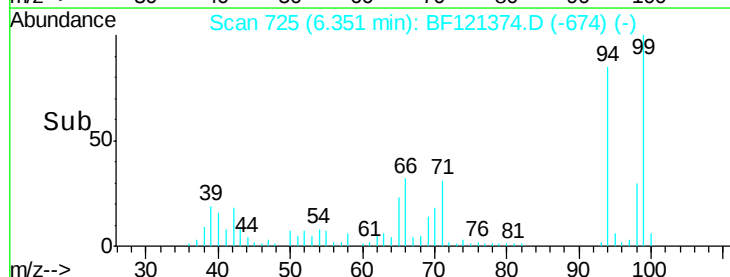
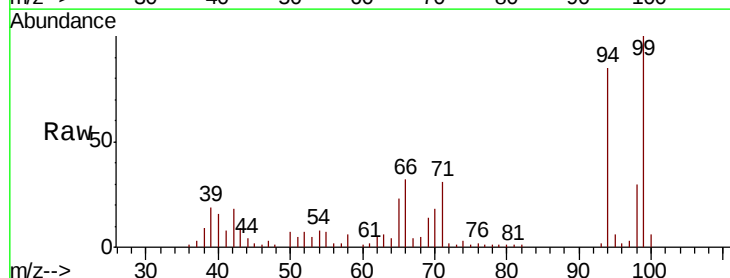
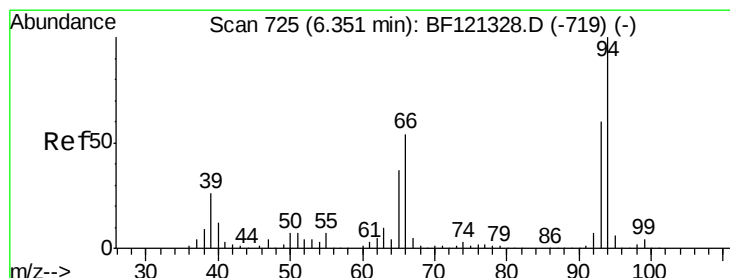
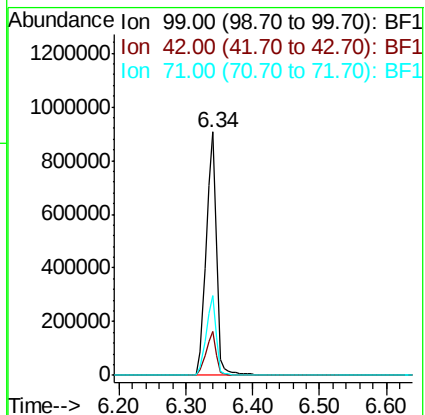
Tot Ion: 99 Resp: 972395

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

71 32.9 25.2 37.8



#10

Phenol

Concen: 3.059 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

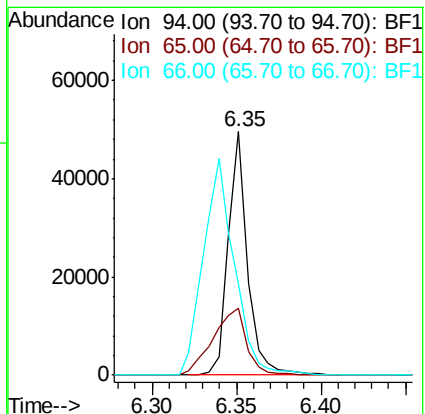
Tgt Ion: 94 Resp: 39374

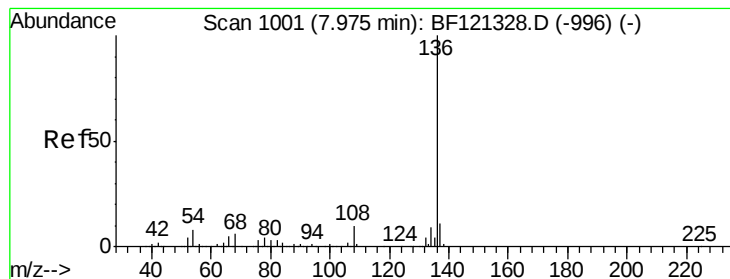
Ion Ratio Lower Upper

94 100

65 27.5 16.6 56.6

66 37.5 34.3 74.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

Instrument :

BNA_F

ClientSampleId :

20200512-AMENDED-DISCRETE-00

Tot Ion:136 Resp: 619792

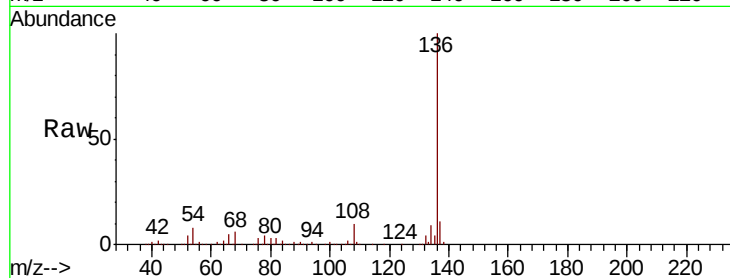
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.1 9.1

68 6.2 5.0 7.4

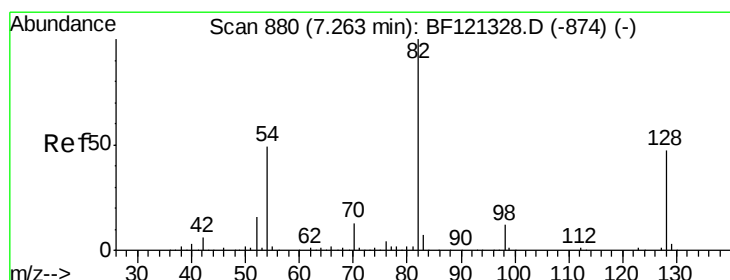
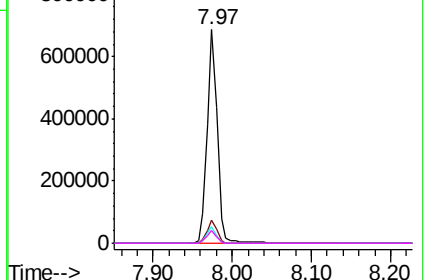
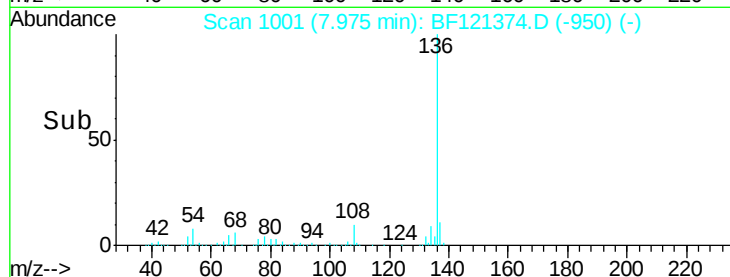


Abundance Ion 136.00 (135.70 to 136.70): E

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: 58.590 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

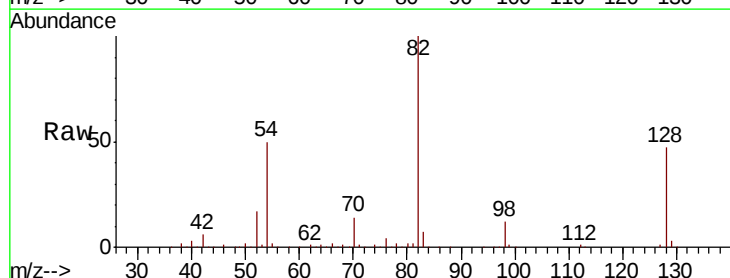
Tgt Ion: 82 Resp: 642086

Ion Ratio Lower Upper

82 100

128 47.0 37.9 56.9

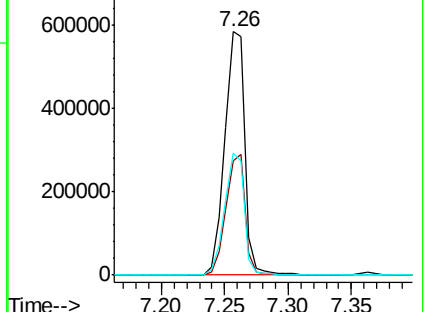
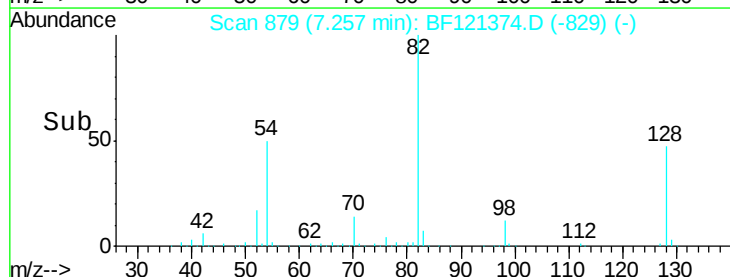
54 50.1 39.0 58.4

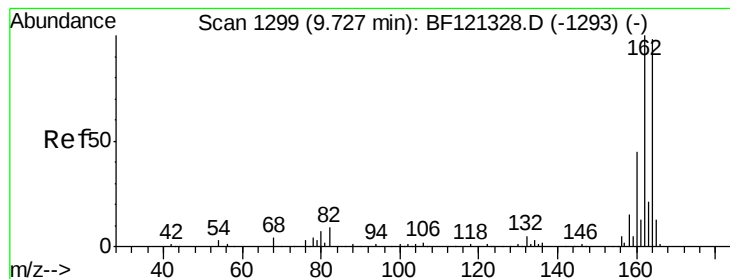


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF121374.D

Acq: 21 Aug 2020 18:45

Instrument :

BNA_F

ClientSampleId :

20200512-AMENDED-DISCRETE-00

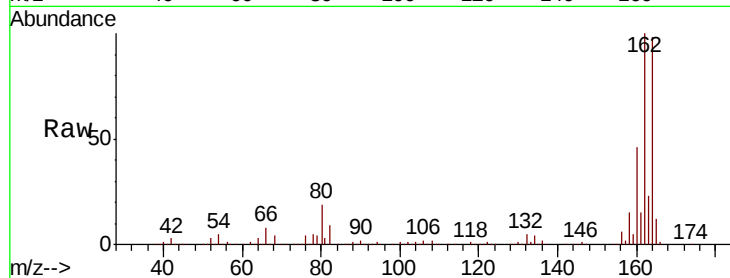
Tot Ion:164 Resp: 320529

Ion Ratio Lower Upper

164 100

162 102.4 81.7 122.5

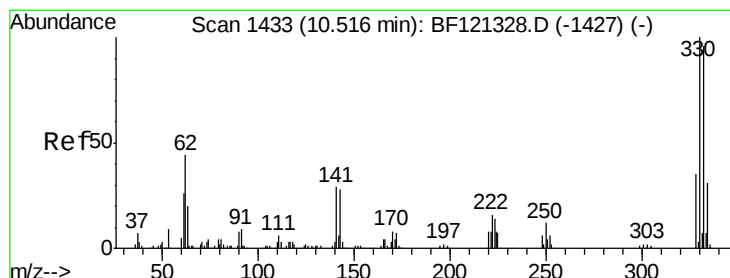
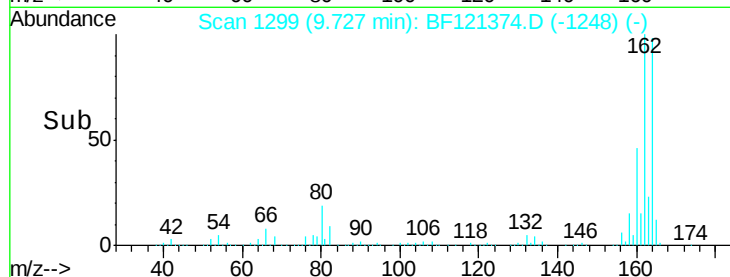
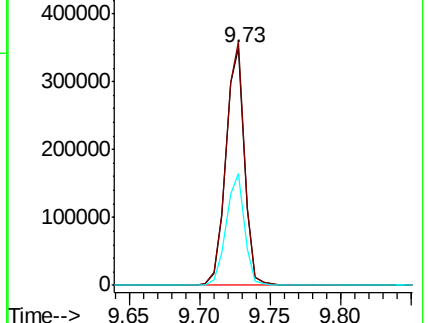
160 46.8 37.0 55.4



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: 50.959 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

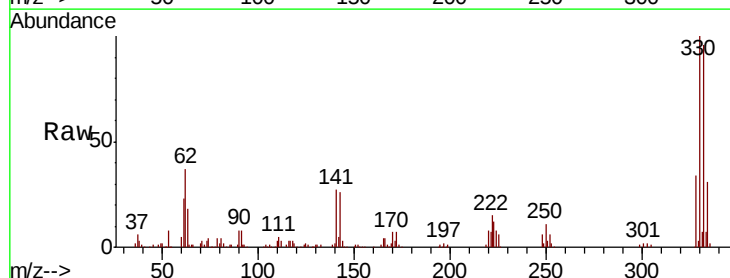
Tgt Ion:330 Resp: 190340

Ion Ratio Lower Upper

330 100

332 96.5 76.9 115.3

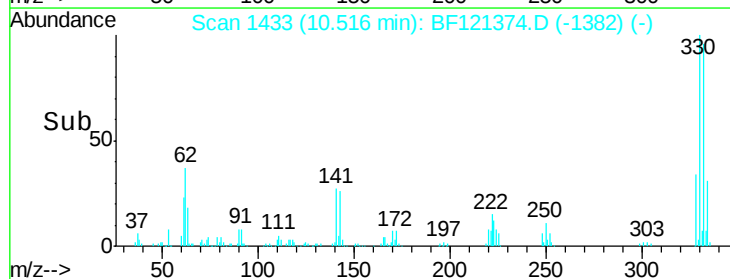
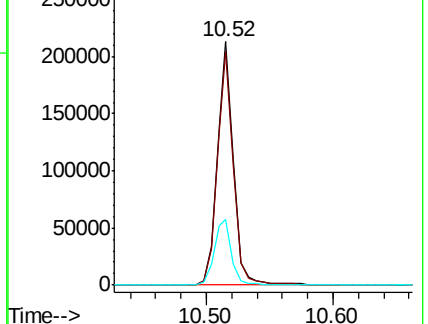
141 29.4 22.8 34.2

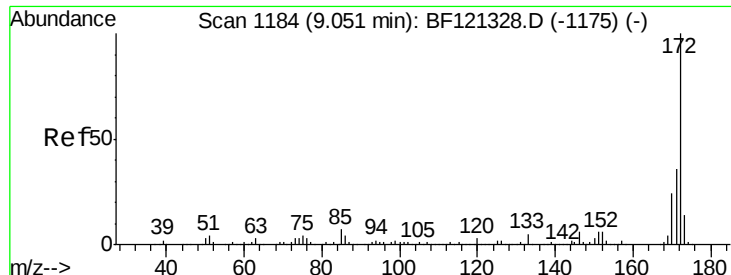


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



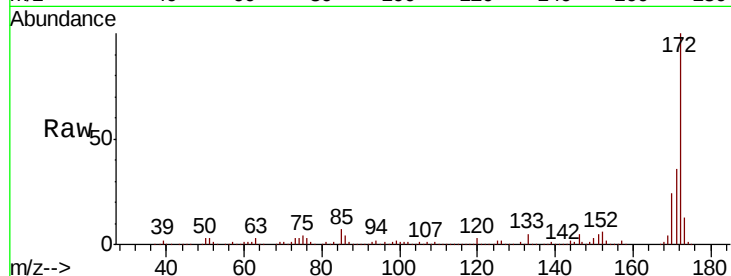


#45
 2-Fluorobiphenyl
 Concen: 58.085 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

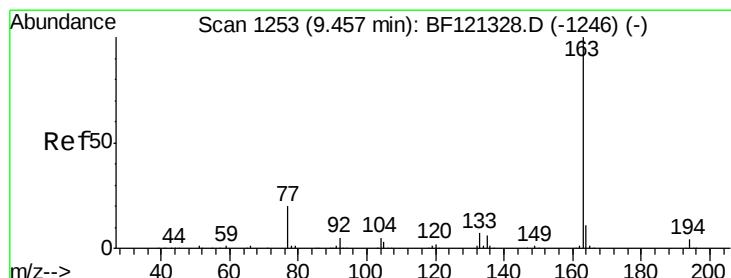
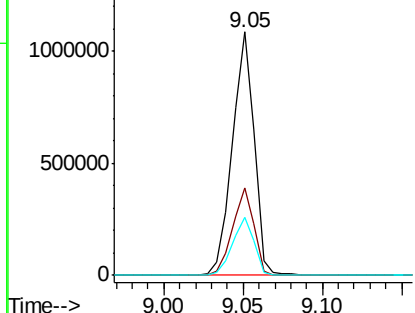
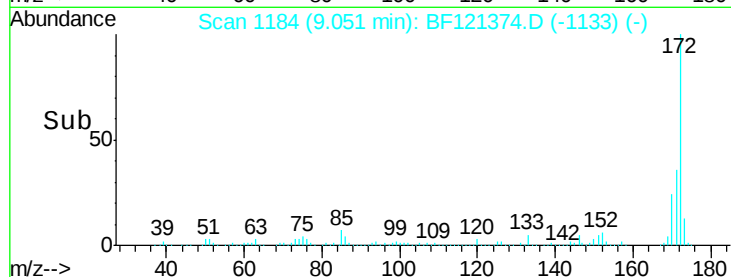
Instrument :
 BNA_F
 ClientSampleId :
 20200512-AMENDED-DISCRETE-00

Tot Ion:172 Resp: 1038177

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.4	29.2



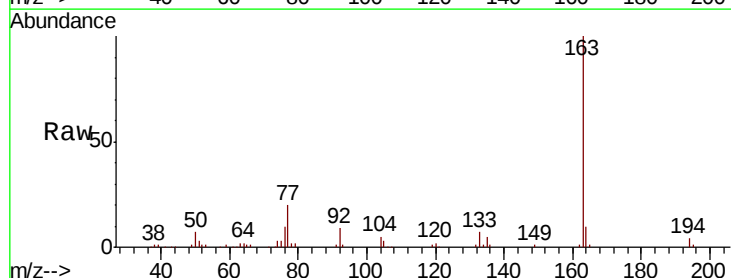
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



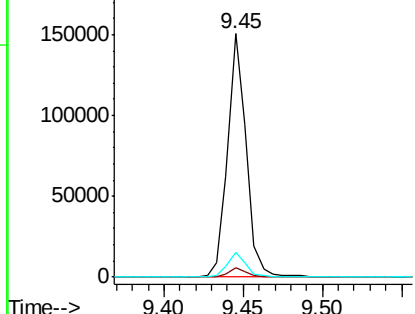
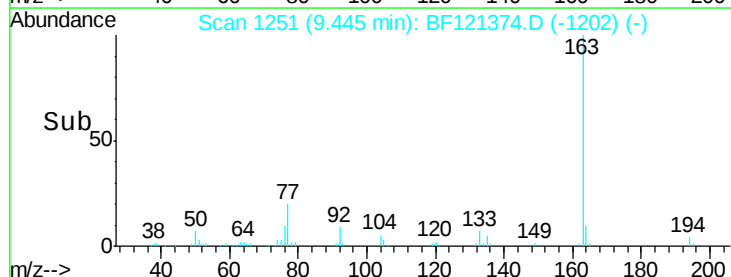
#50
 Dimethylphthalate
 Concen: 5.257 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

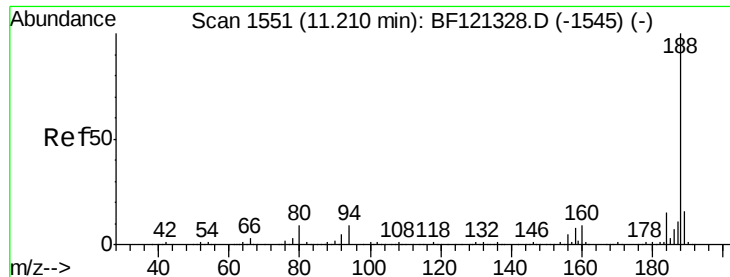
Tgt Ion:163 Resp: 122595

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	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

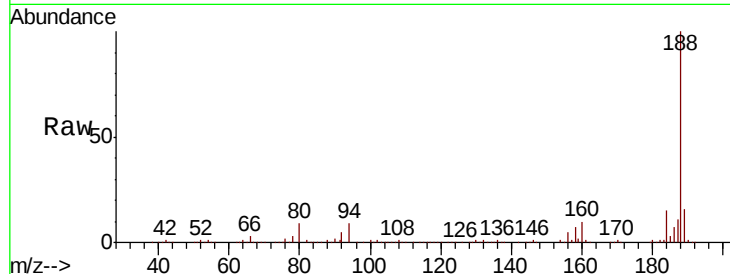




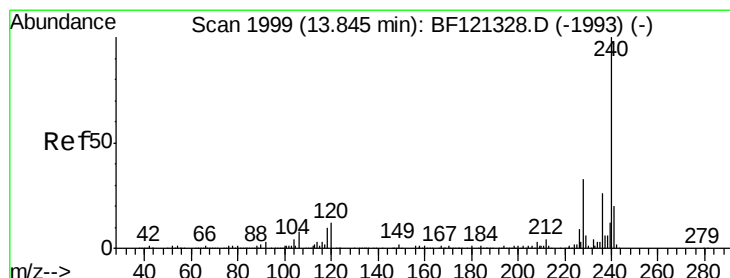
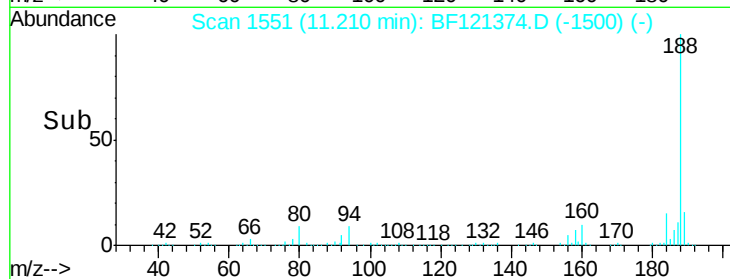
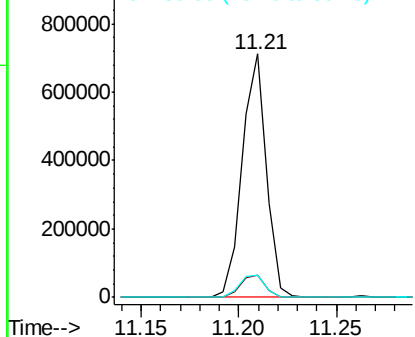
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :
20200512-AMENDED-DISCRETE-00

Tot Ion:188 Resp: 612116
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.1 7.4 11.0

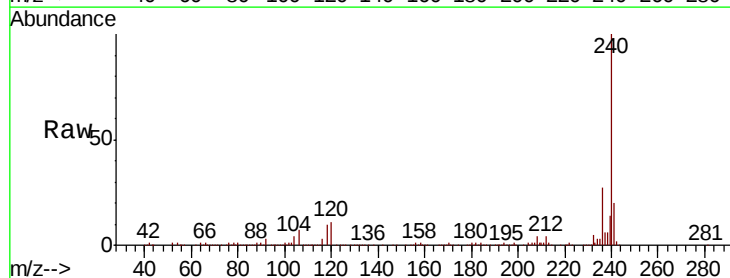


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

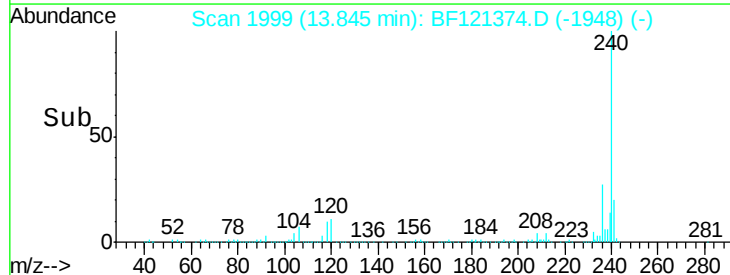
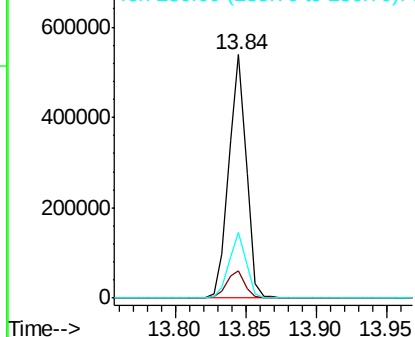


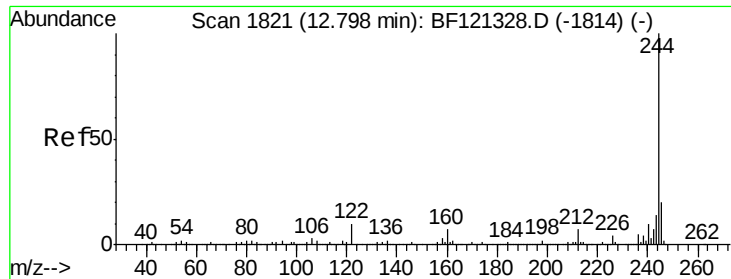
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:240 Resp: 465076
Ion Ratio Lower Upper
240 100
120 11.4 9.6 14.4
236 27.0 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

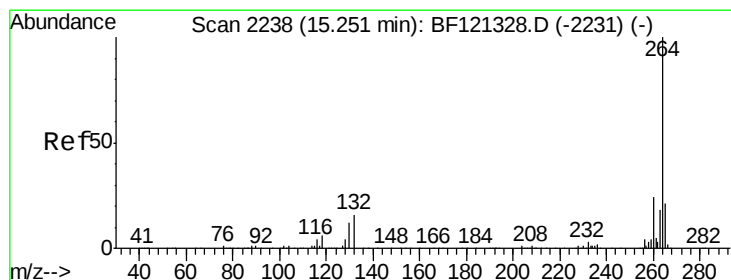
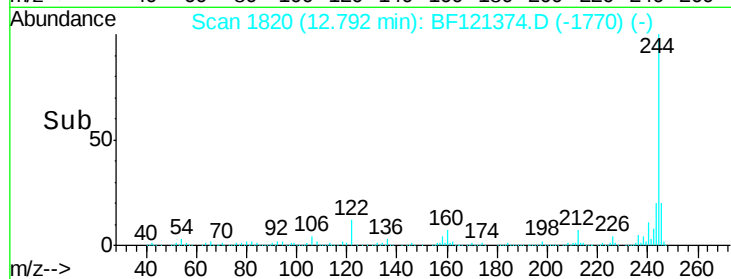
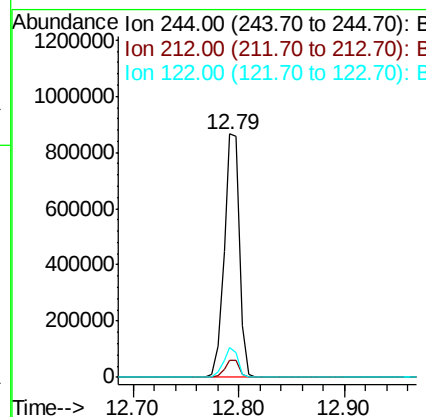
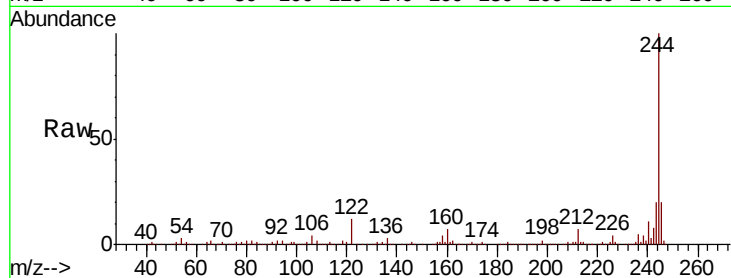




#79
 Terphenyl-d14
 Concen: 37.011 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :
 20200512-AMENDED-DISCRETE-00

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.1	7.8	11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.1	17.1	25.7

