

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 01:45:36 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

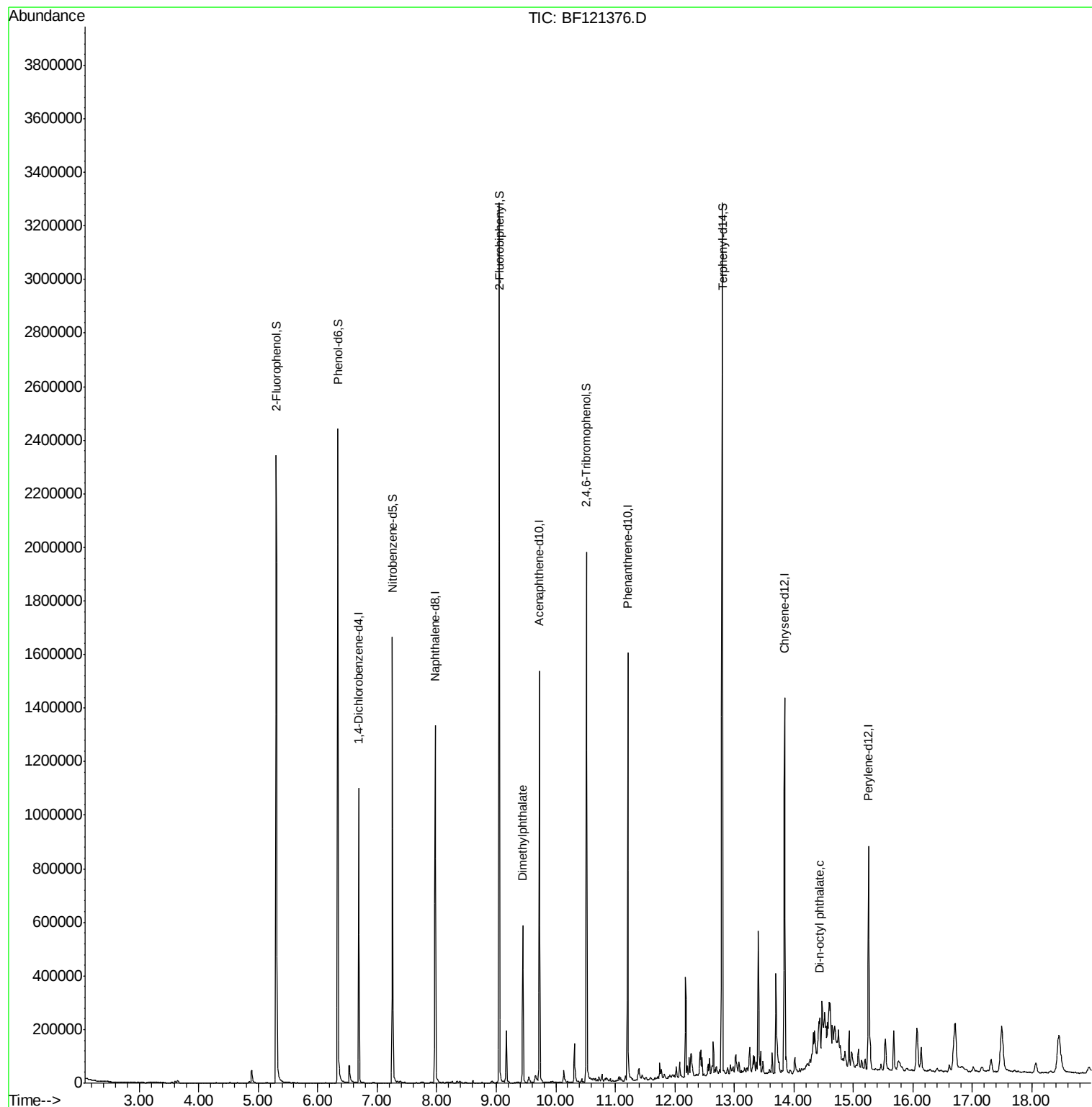
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	152012	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	587990	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	303655	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	580855	20.00	ng	0.00
76) Chrysene-d12	13.84	240	443778	20.00	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						
50) Dimethylphthalate	9.45	163	231259	10.468	ng	99
85) Di-n-octyl phthalate	14.43	149	86519	2.775	ng	# 62

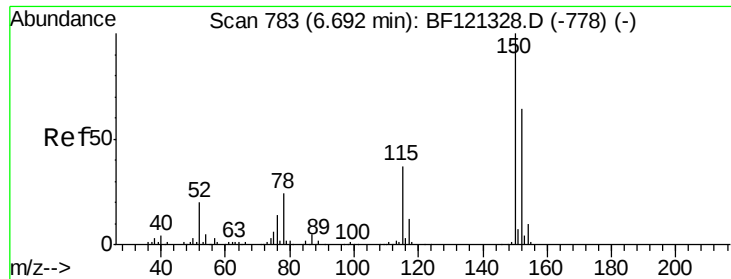
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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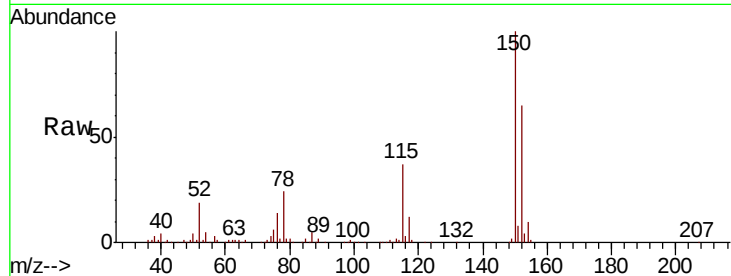


#1

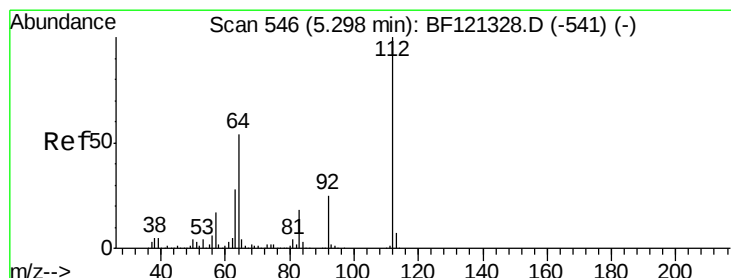
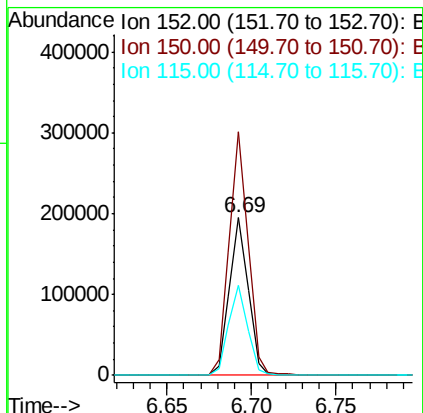
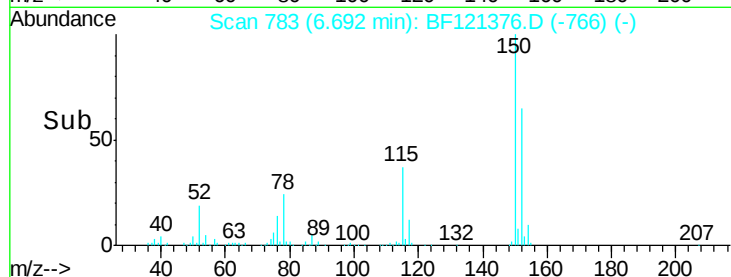
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121376.D
Acq: 21 Aug 2020 19:47

Instrument :
BNA_F
ClientSampled :
212

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



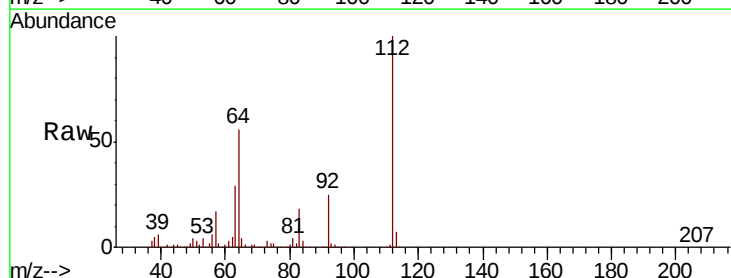
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



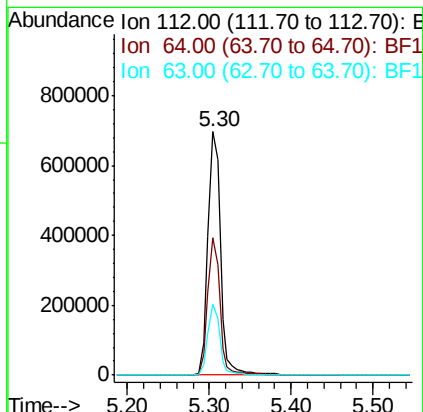
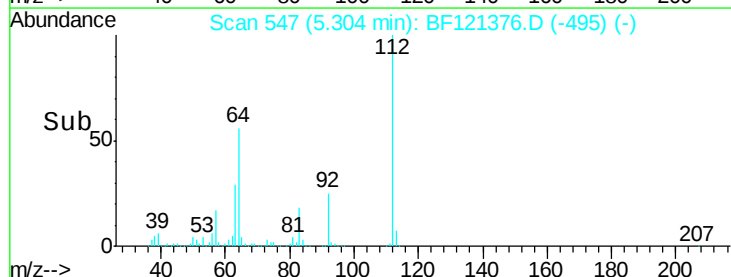
#5

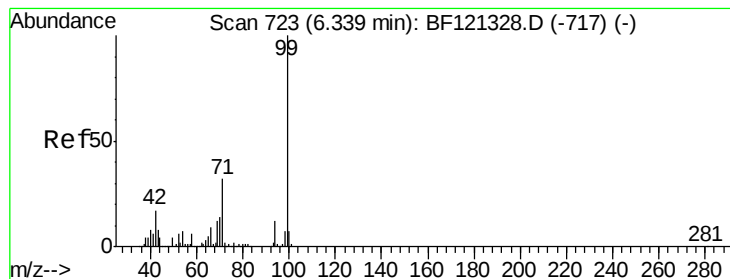
2-Fluorophenol
Concen: 81.111 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121376.D
Acq: 21 Aug 2020 19:47

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

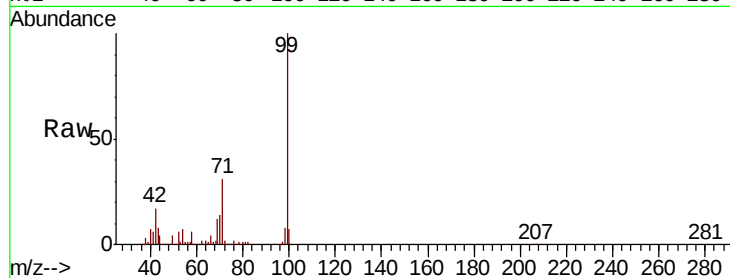
Tot Ion: 99 Resp: 914481

Ion Ratio Lower Upper

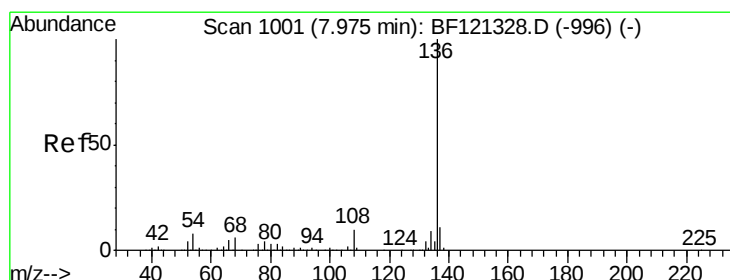
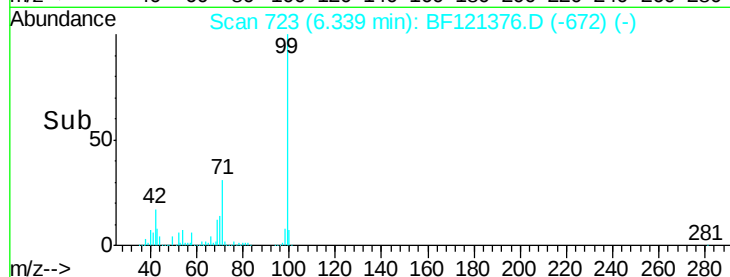
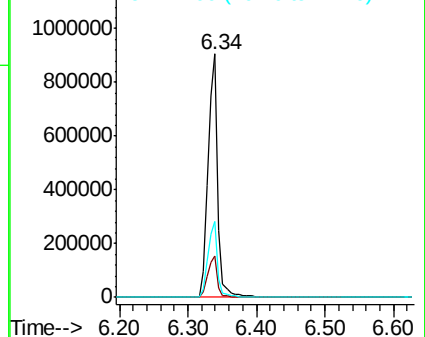
99 100

42 17.0 13.5 20.3

71 31.4 25.2 37.8



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



#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

Tgt Ion: 136 Resp: 587990

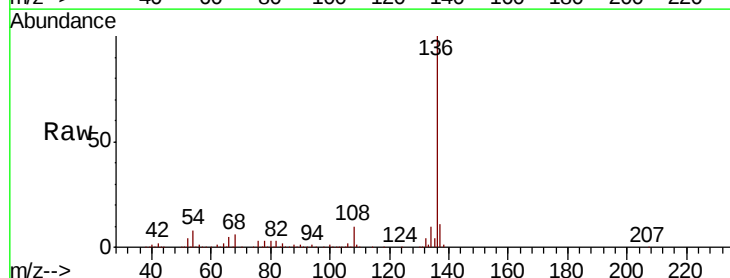
Ion Ratio Lower Upper

136 100

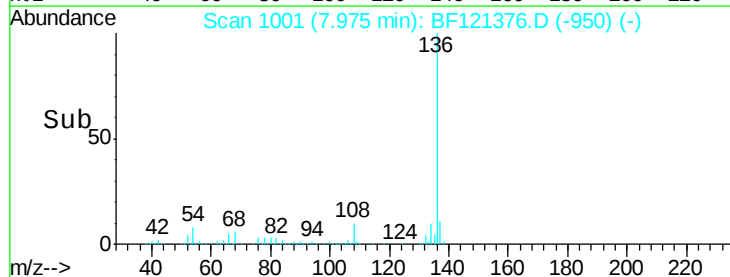
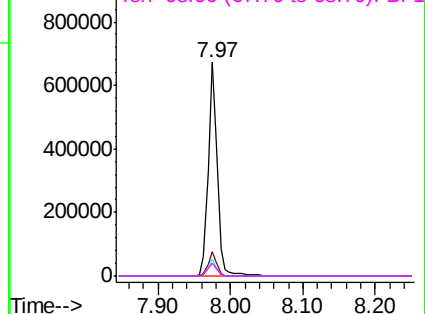
137 11.3 8.9 13.3

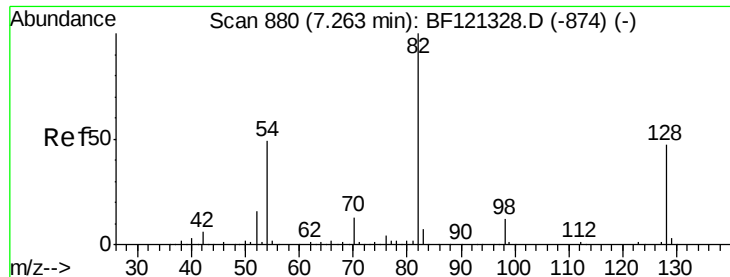
54 7.5 6.1 9.1

68 5.9 5.0 7.4



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

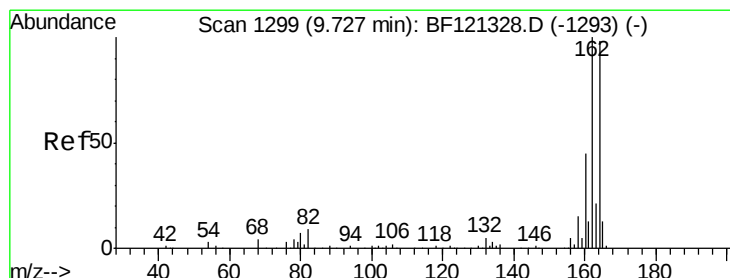
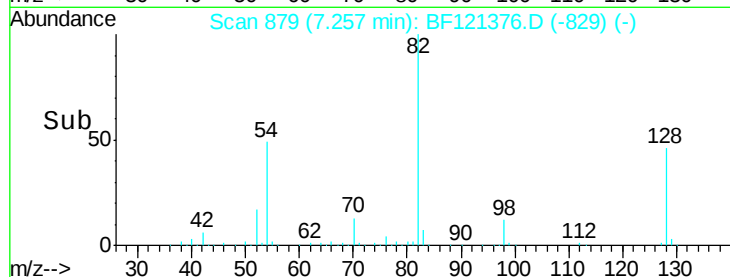
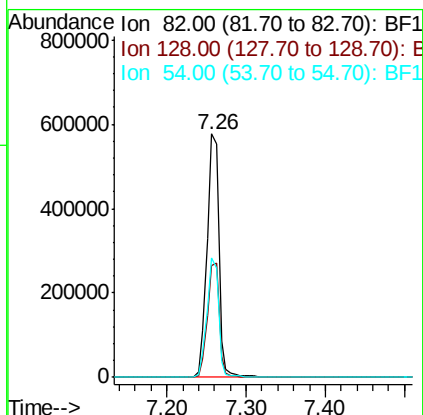
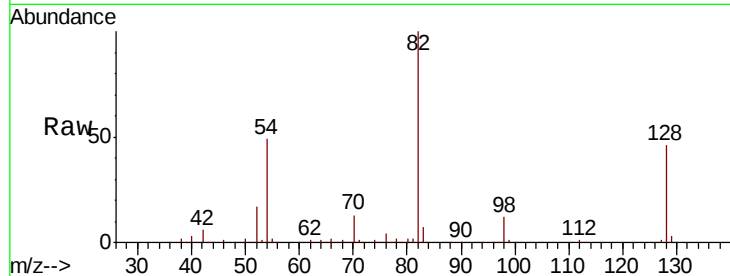




#23
Nitrobenzene-d5
Concen: 59.109 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121376.D
Acq: 21 Aug 2020 19:47

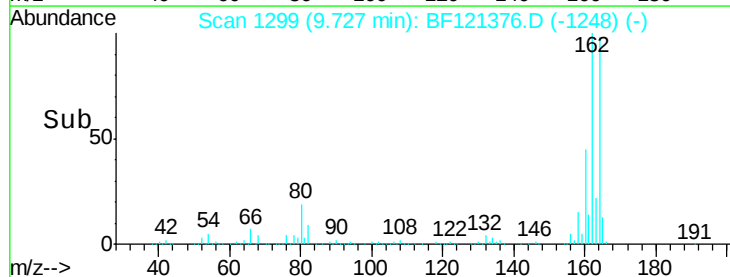
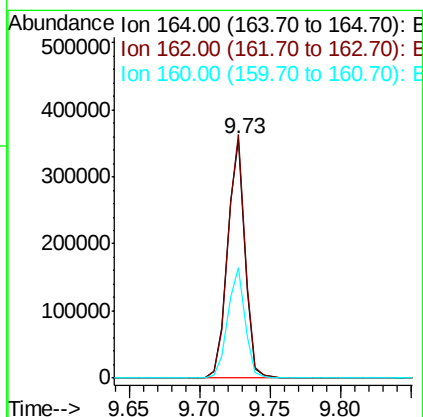
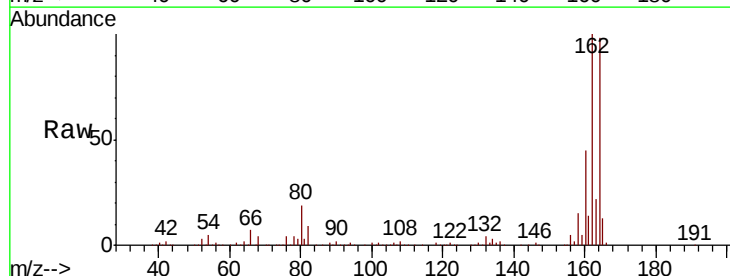
Instrument :
BNA_F
ClientSampleId :
212

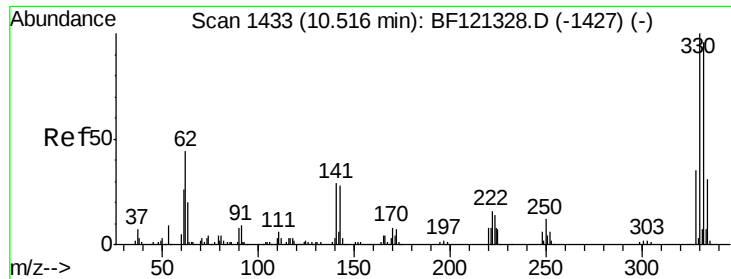
Tot Ion	82	Resp	614532
Ion Ratio	100	Lower	Upper
128	45.8	37.9	56.9
54	48.9	39.0	58.4



#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	100	Lower	Upper
162	102.0	81.7	122.5
160	46.3	37.0	55.4

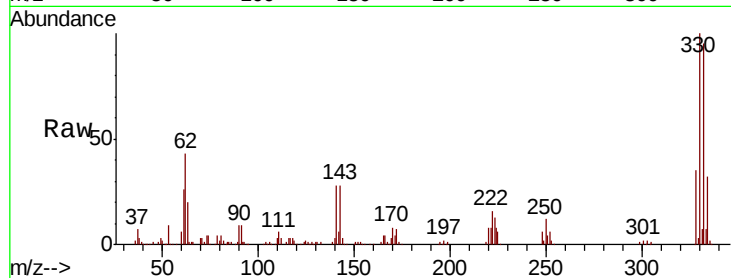




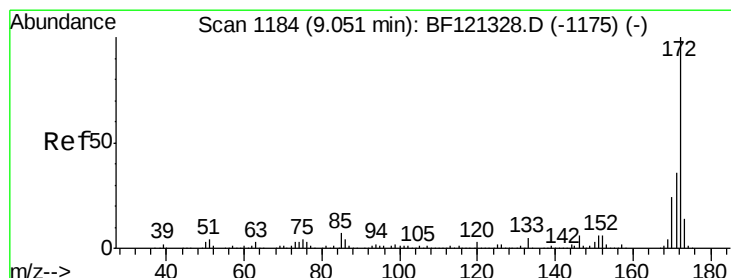
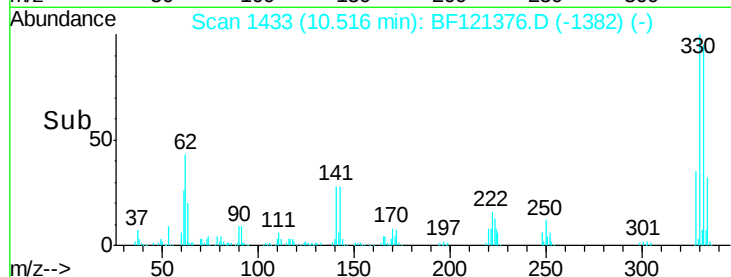
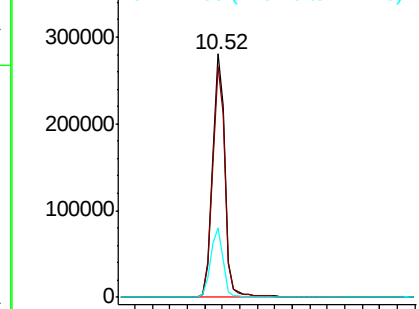
#42
 2,4,6-Tribromophenol
 Concen: 78.597 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121376.D
 Acq: 21 Aug 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 212

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.9	115.3
141	29.0	22.8	34.2

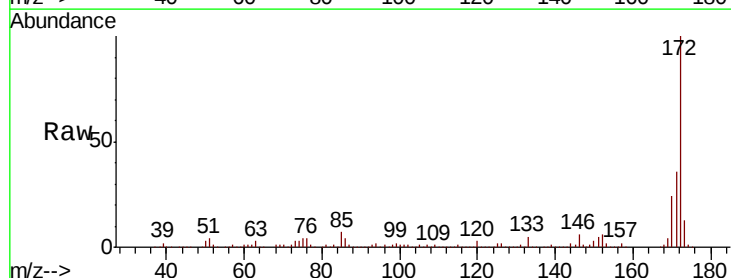


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

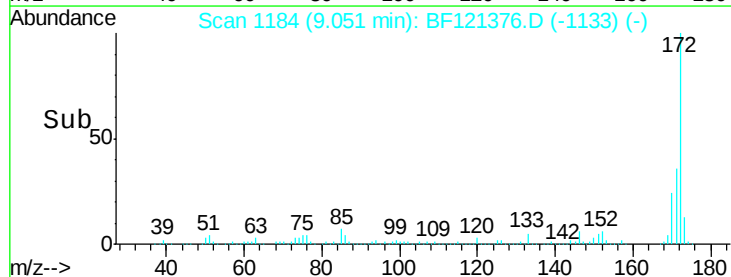
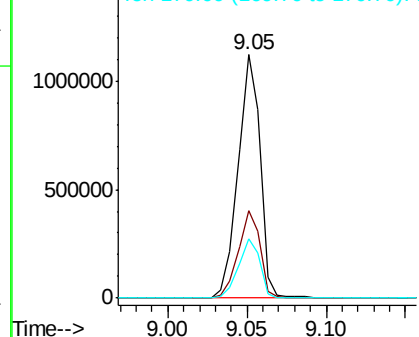


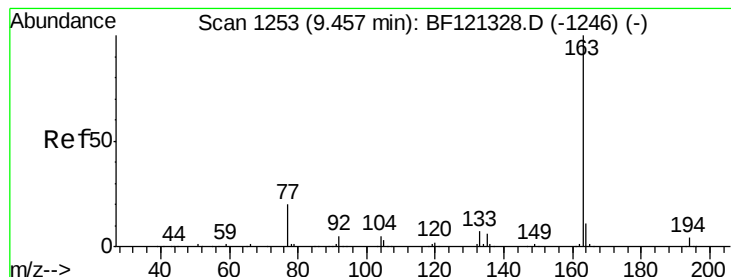
#45
 2-Fluorobiphenyl
 Concen: 65.750 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121376.D
 Acq: 21 Aug 2020 19:47

Tgt Ion	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 :

212

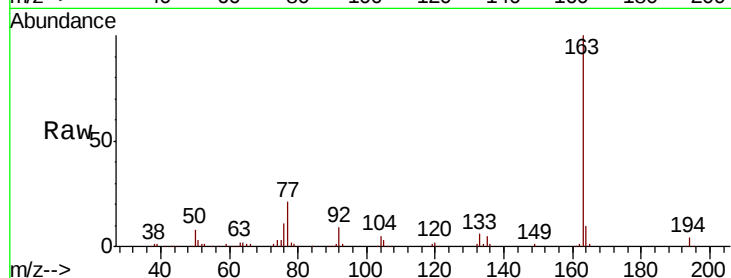
Tot Ion:163 Resp: 231259

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

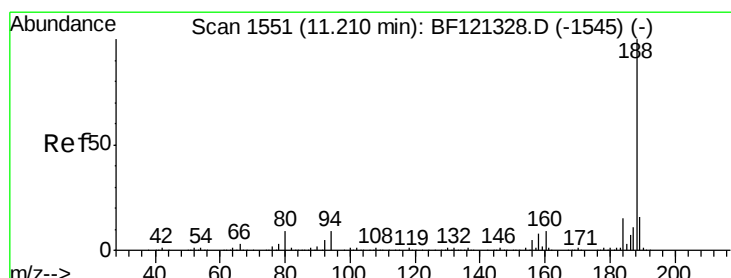
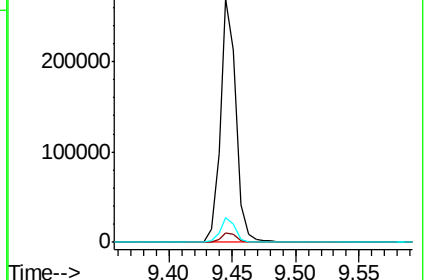
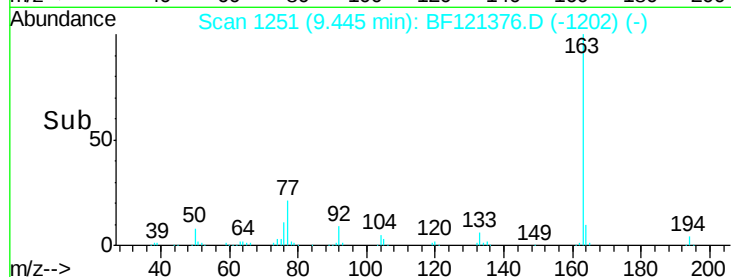
164 10.0 8.4 12.6



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



#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

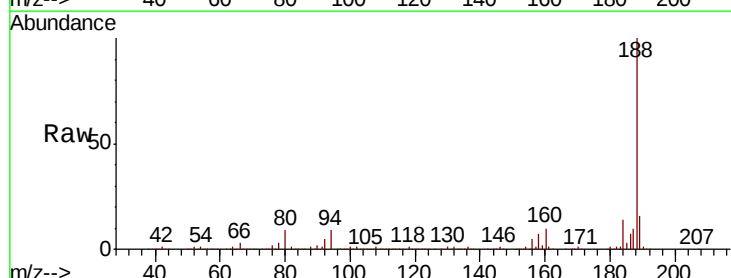
Tgt Ion:188 Resp: 580855

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

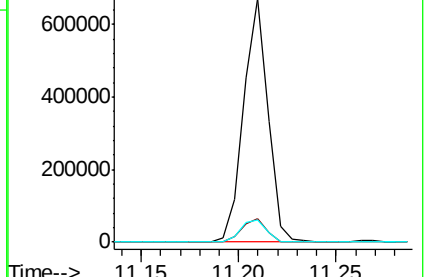
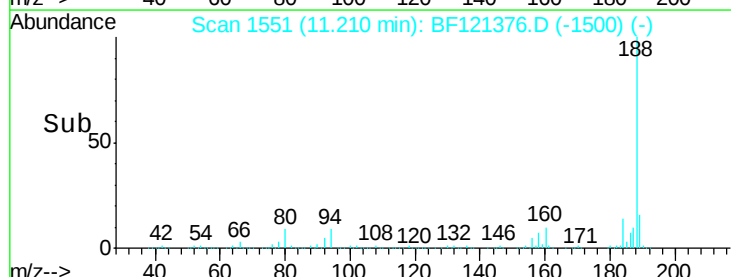
80 9.3 7.4 11.0

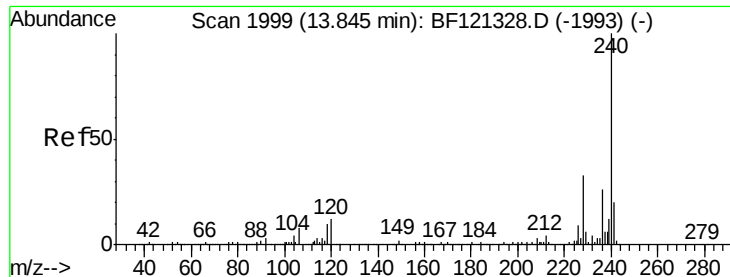


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

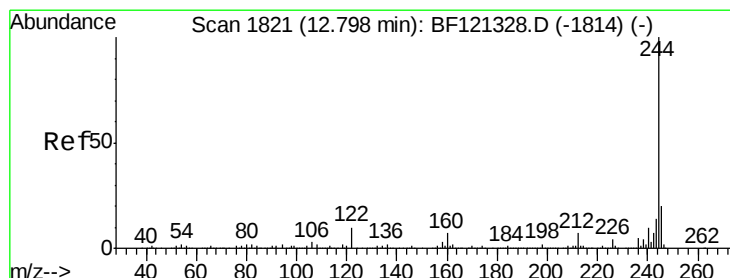
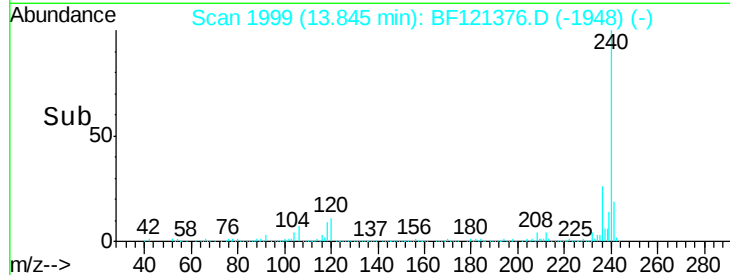
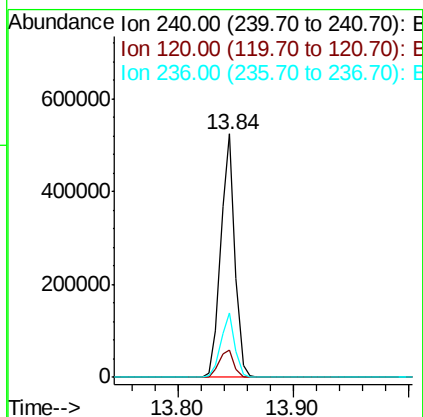
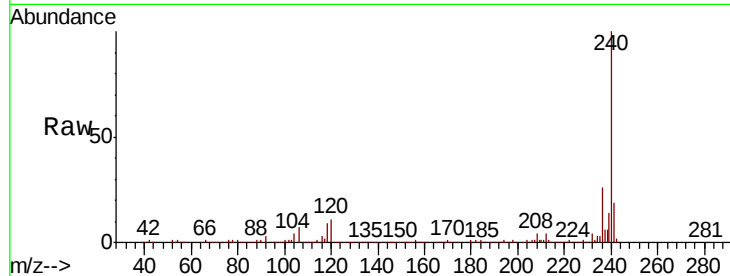




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. 0.00 min
 Lab File: BF121376.D
 Acq: 21 Aug 2020 19:47

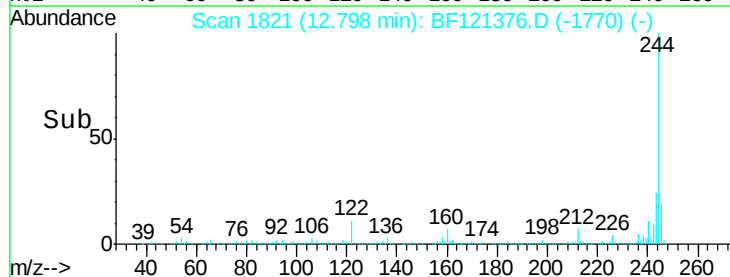
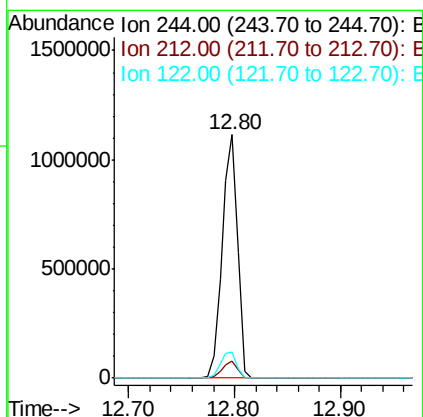
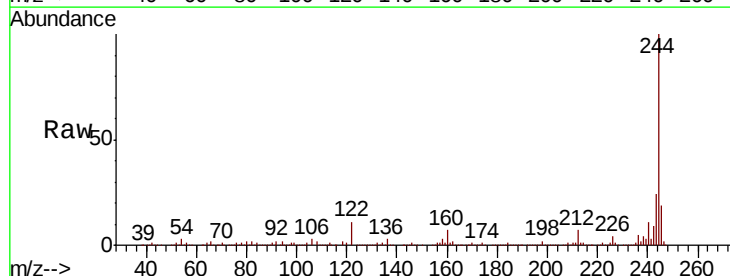
Instrument :
 BNA_F
 ClientSampleId :
 212

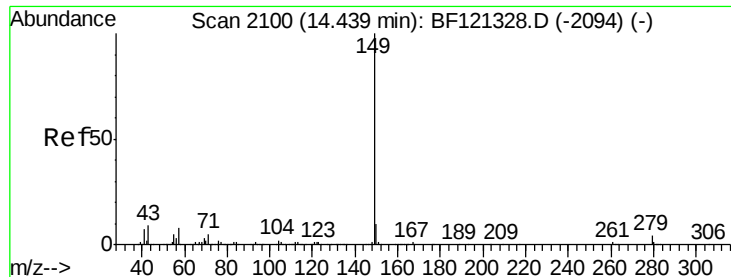
Tot Ion:240 Resp: 443778
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.6 14.4
 236 26.3 20.6 31.0



#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





#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

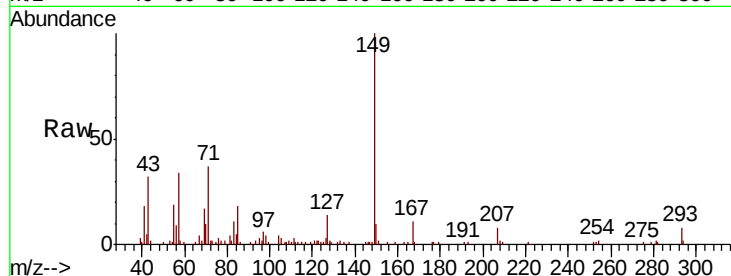
Tot Ion:149 Resp: 86519

Ion Ratio Lower Upper

149 100

167 4.7 1.2 1.8#

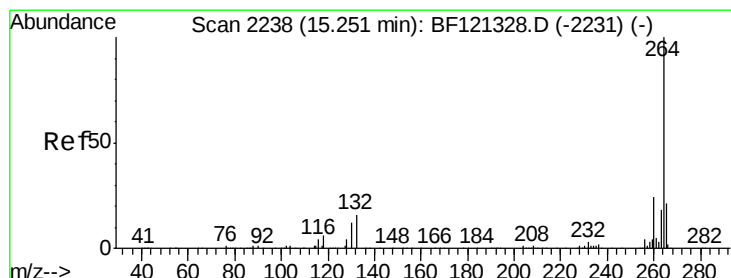
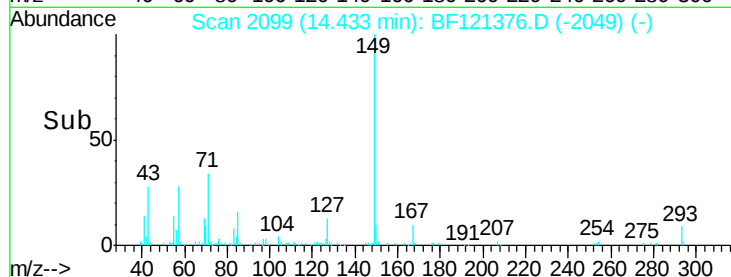
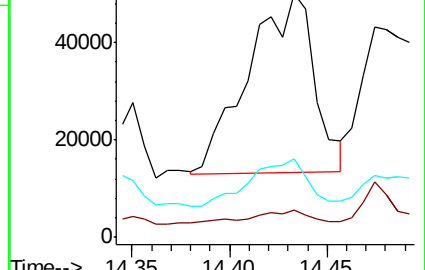
43 24.6 7.1 10.7#



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

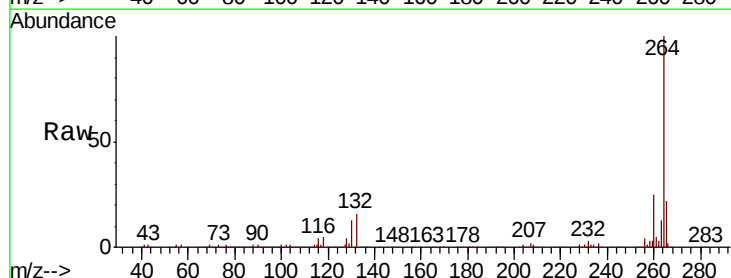
Tgt Ion:264 Resp: 368414

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

