

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121414.D
 Acq On : 24 Aug 2020 23:03
 Operator : JU/CG
 Sample : L3719-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200511-AMENDED-DISCRETE-00

Quant Time: Aug 25 04:51:56 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

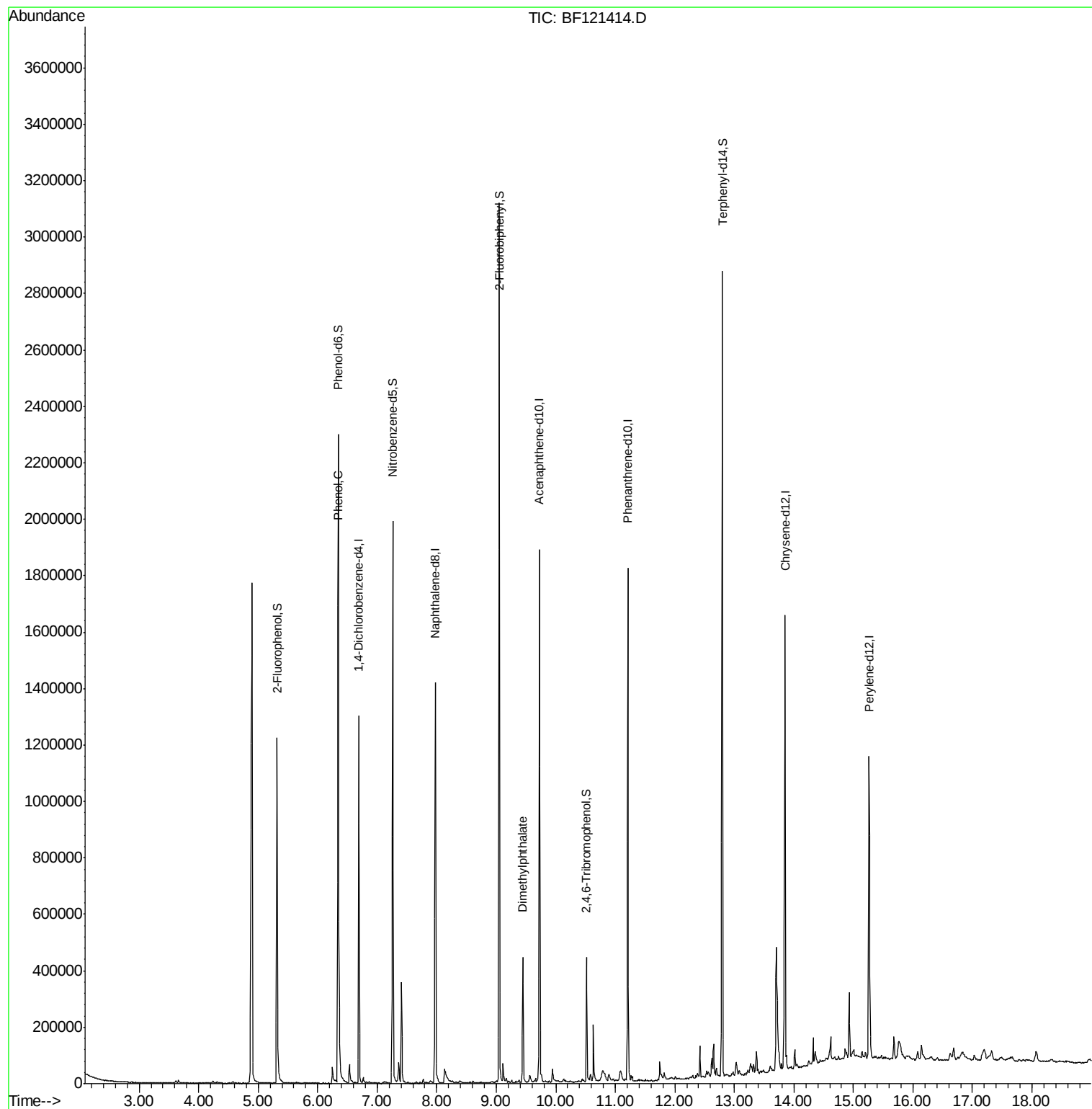
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	190518	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	743254	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	387366	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	729103	20.00	ng	0.00
76) Chrysene-d12	13.85	240	540584	20.00	ng	0.00
86) Perylene-d12	15.26	264	469253	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	407859	35.10	ng	0.02
7) Phenol-d6	6.35	99	960169	64.73	ng	0.00
23) Nitrobenzene-d5	7.26	82	690031	52.51	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	58321	12.92	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1078286	47.78	ng	0.00
79) Terphenyl-d14	12.80	244	936184	33.84	ng	0.00
Target Compounds						
10) Phenol	6.36	94	44623	2.869	ng	89
50) Dimethylphthalate	9.45	163	184867	6.560	ng	99

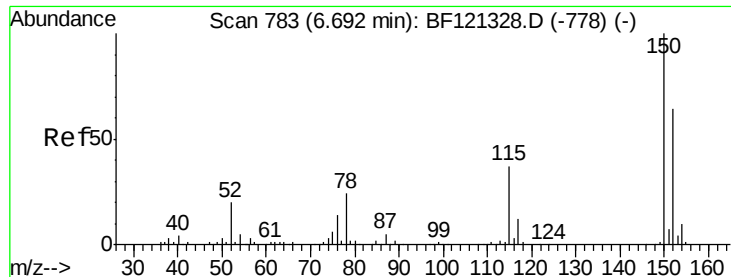
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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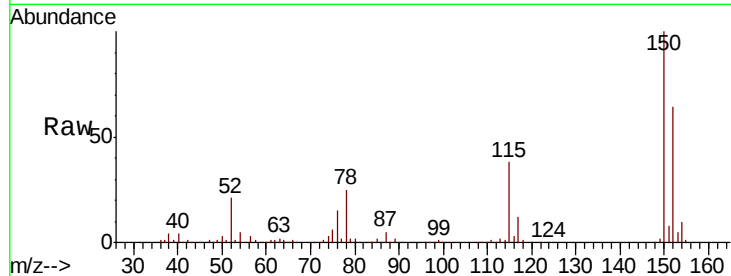


#1

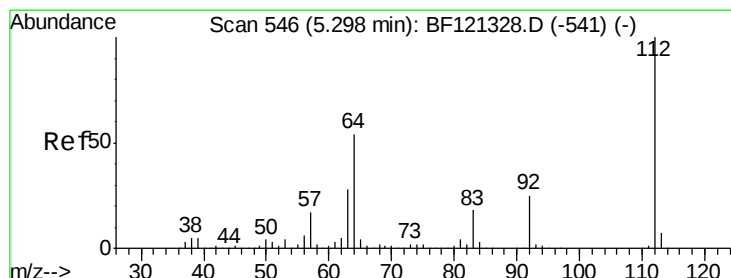
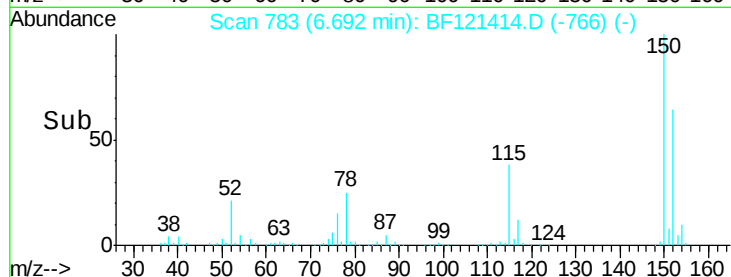
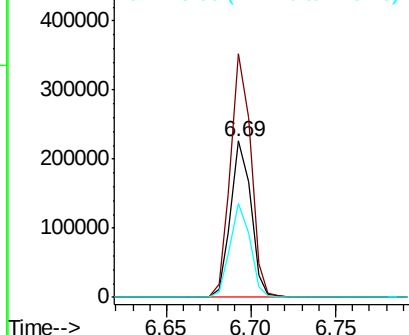
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:152 Resp: 190518
Ion Ratio Lower Upper
152 100
150 155.9 124.8 187.2
115 59.8 46.1 69.1



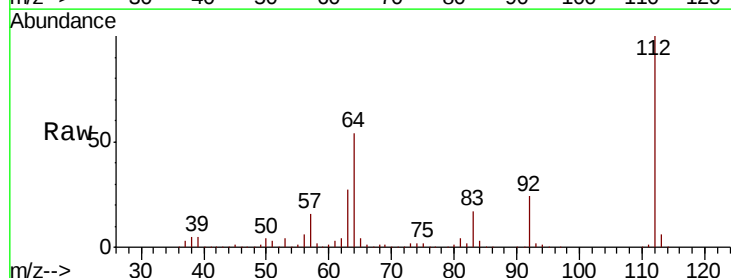
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



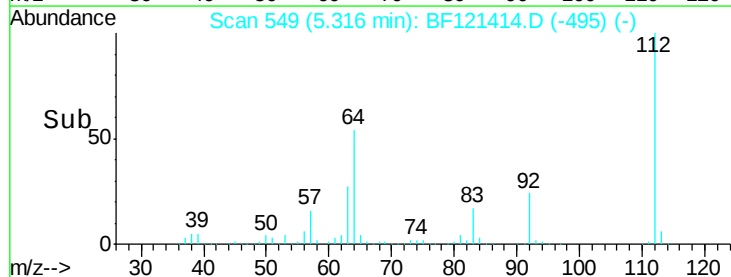
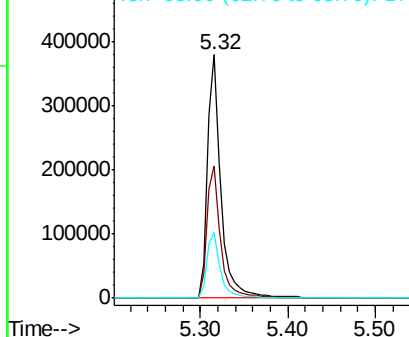
#5

2-Fluorophenol
Concen: 35.103 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.02 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:112 Resp: 407859
Ion Ratio Lower Upper
112 100
64 54.1 43.5 65.3
63 26.8 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: 64.734 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

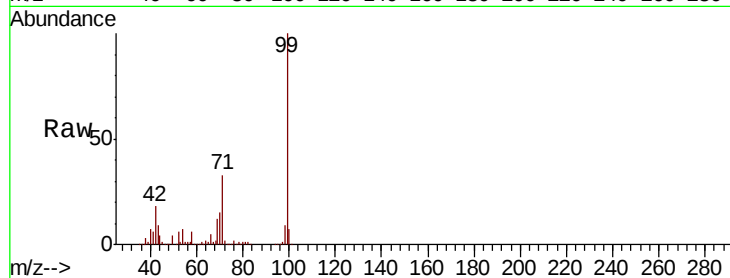
Tot Ion: 99 Resp: 960169

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

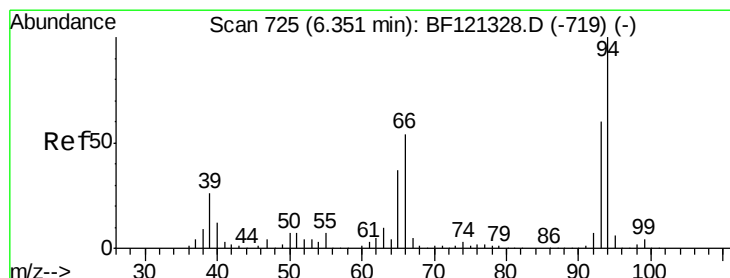
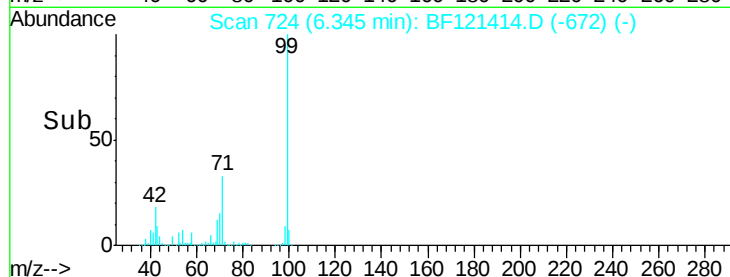
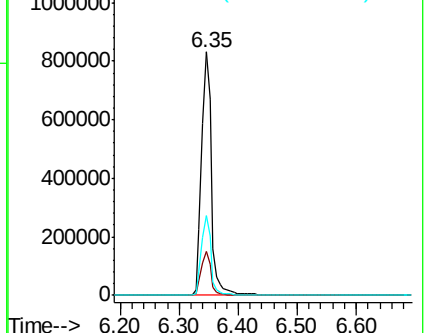
71 32.6 25.2 37.8



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: 2.869 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

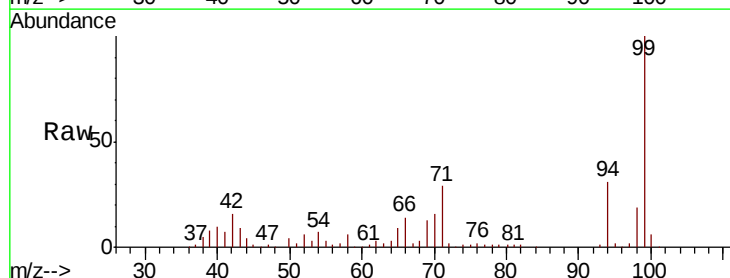
Tgt Ion: 94 Resp: 44623

Ion Ratio Lower Upper

94 100

65 29.9 16.6 56.6

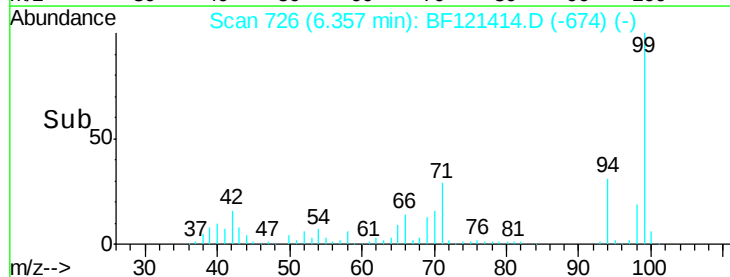
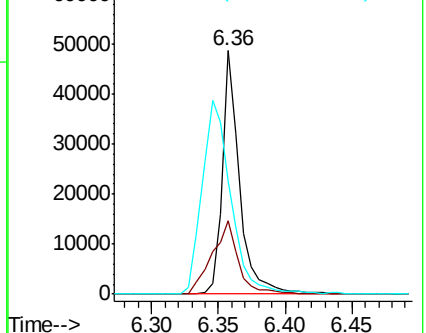
66 46.7 34.3 74.3

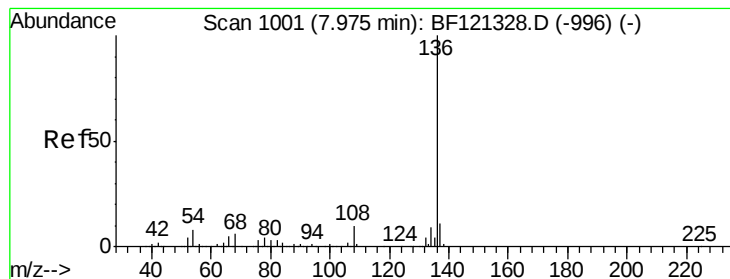


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

Instrument :

BNA_F

ClientSampleId :

20200511-AMENDED-DISCRETE-00

Tot Ion:136 Resp: 743254

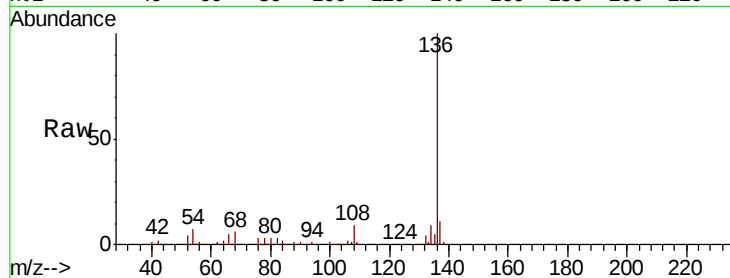
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.9 6.1 9.1

68 5.7 5.0 7.4

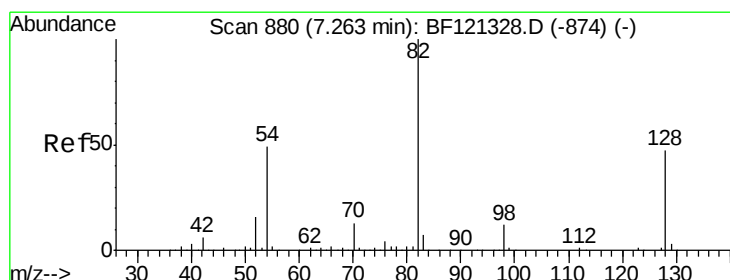
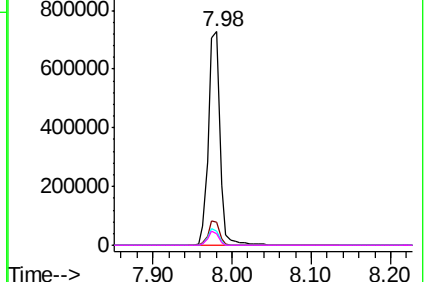
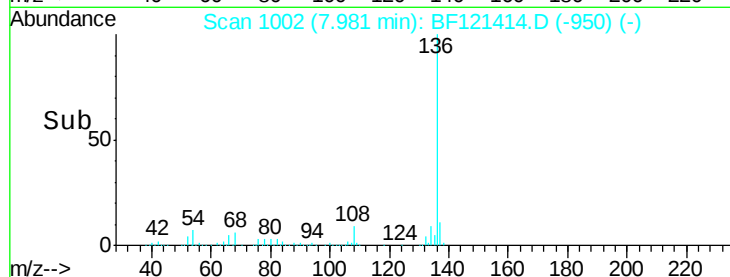


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.506 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF121414.D

Acq: 24 Aug 2020 23:03

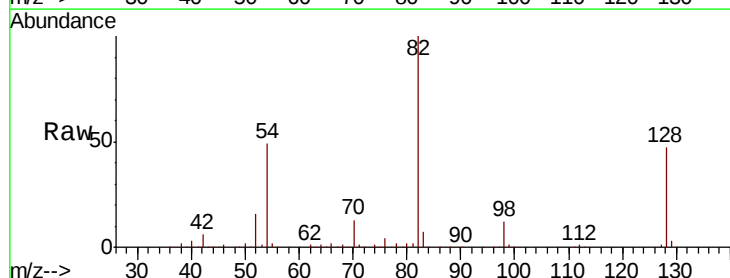
Tgt Ion: 82 Resp: 690031

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

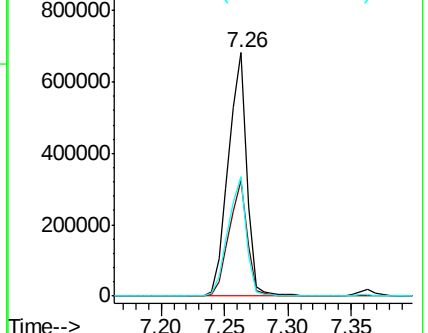
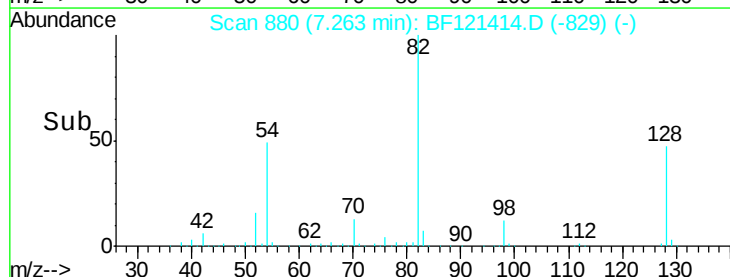
54 49.1 39.0 58.4

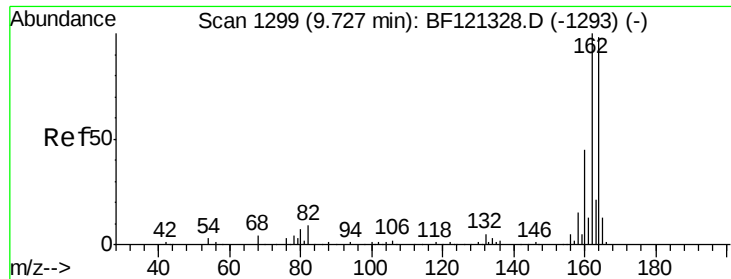


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

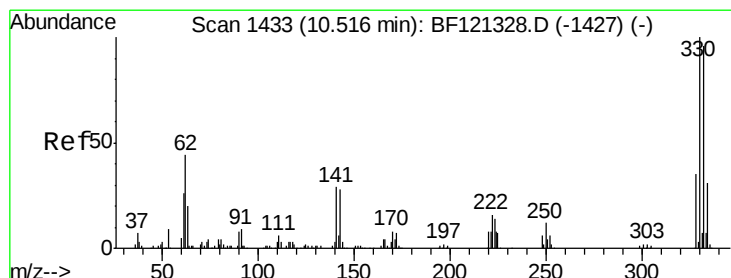
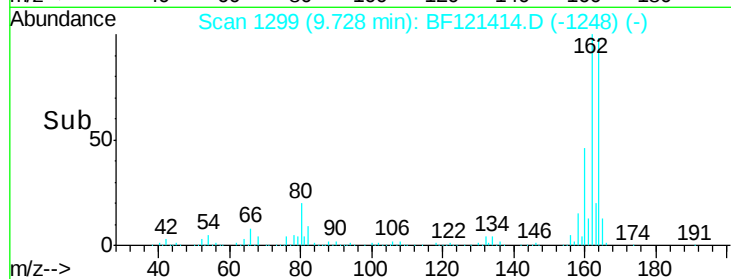
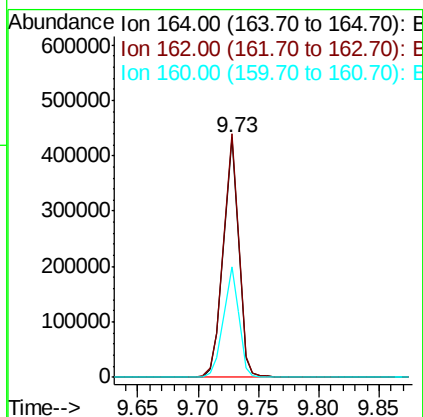
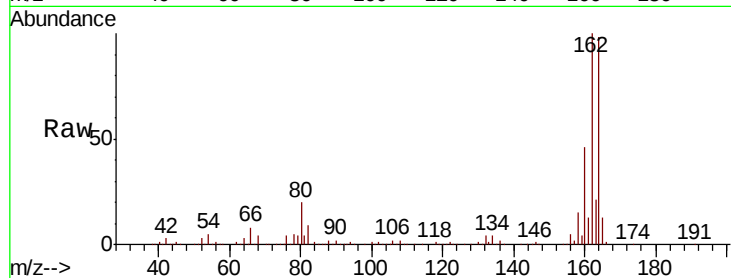




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121414.D
 Acq: 24 Aug 2020 23:03

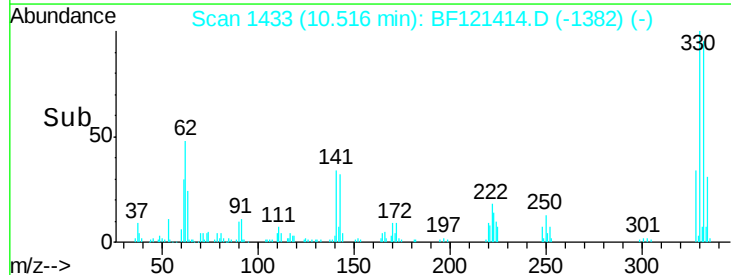
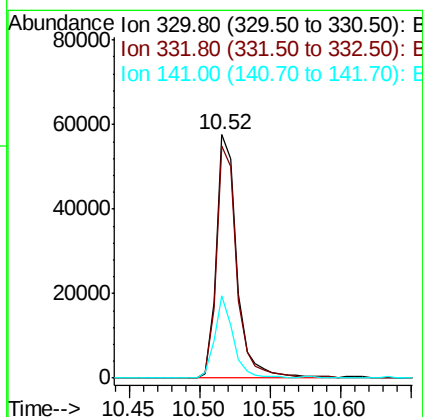
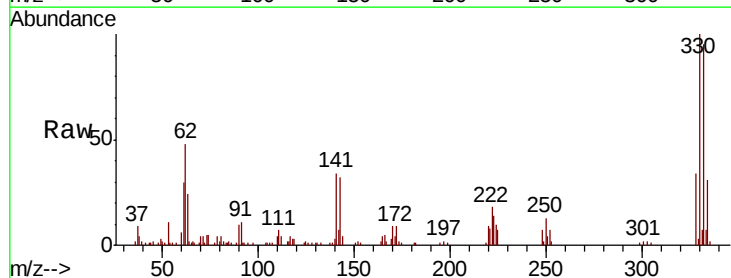
Instrument :
 BNA_F
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 20200511-AMENDED-DISCRETE-00

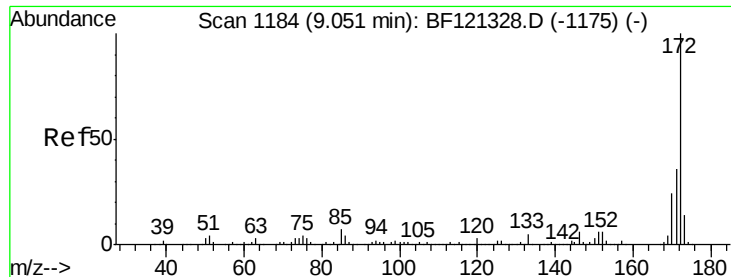
Tot Ion:	164	Resp:	387366
Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.7	122.5
160	46.4	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 12.920 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121414.D
 Acq: 24 Aug 2020 23:03

Tgt Ion:	330	Resp:	58321
Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	30.2	22.8	34.2

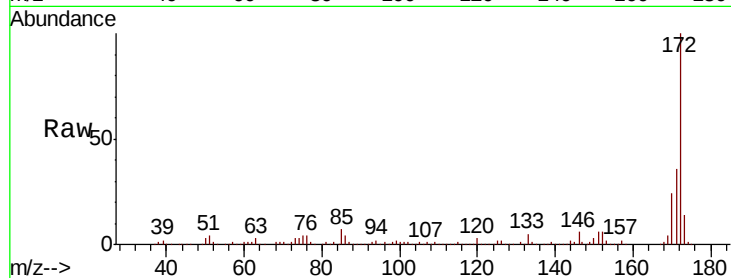




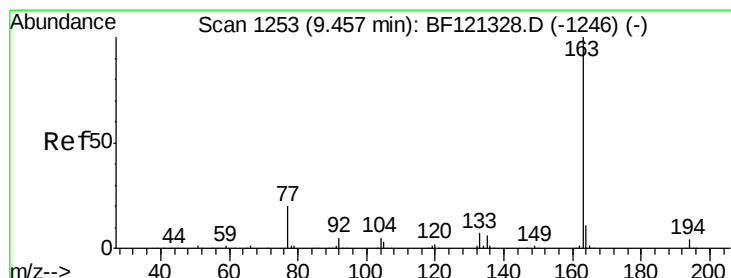
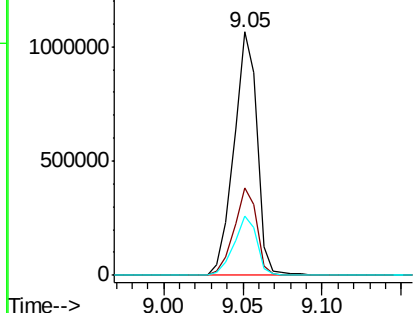
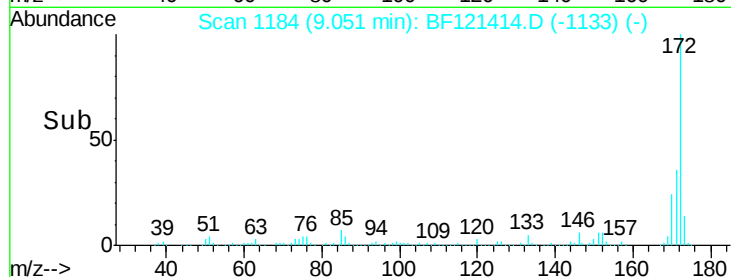
#45
2-Fluorobiphenyl
Concen: 47.776 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:172 Resp: 1078286
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 24.3 19.4 29.2

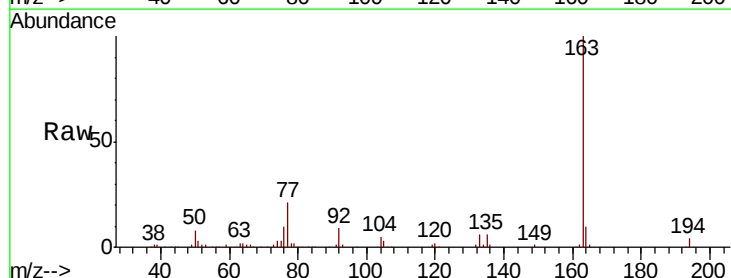


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

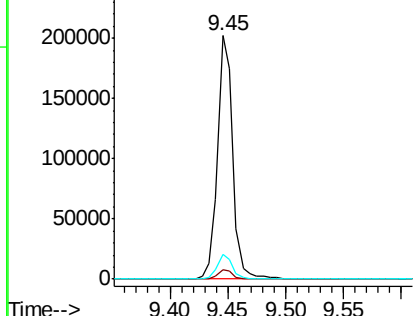
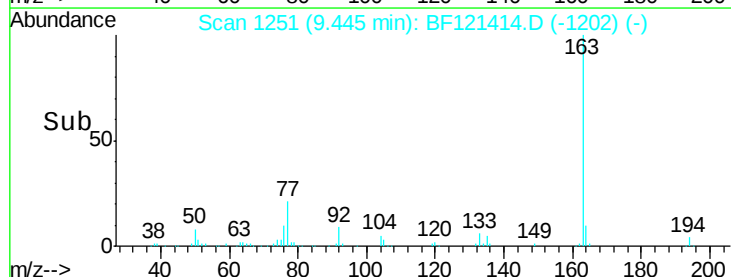


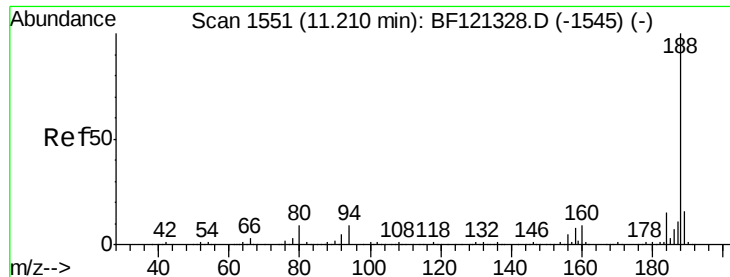
#50
Dimethylphthalate
Concen: 6.560 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:163 Resp: 184867
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 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

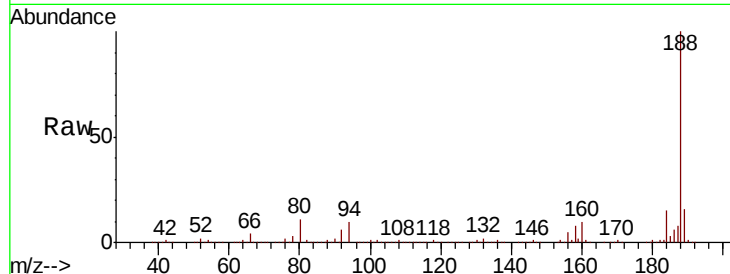




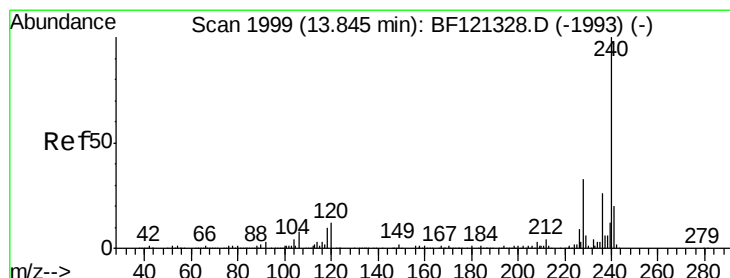
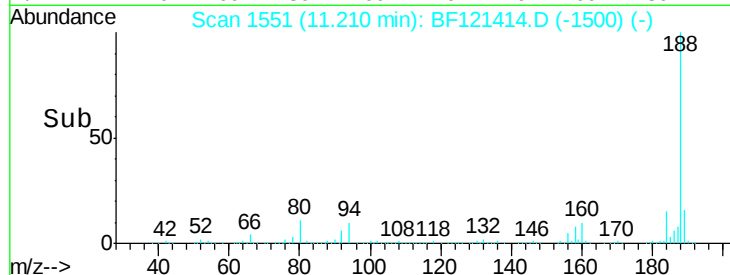
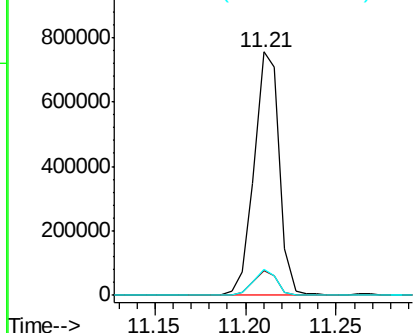
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
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Tot Ion:188 Resp: 729103
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 10.5 7.4 11.0

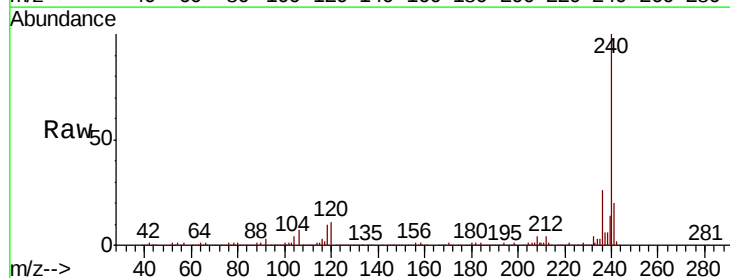


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

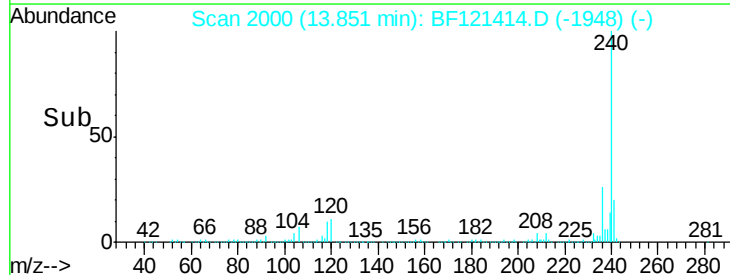
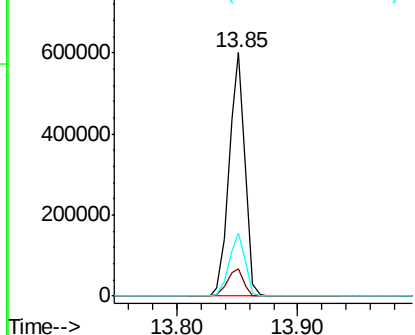


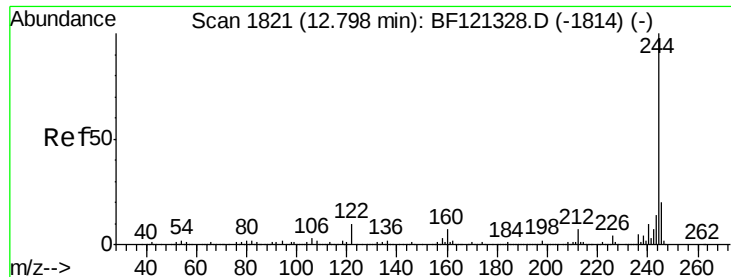
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:240 Resp: 540584
Ion Ratio Lower Upper
240 100
120 11.1 9.6 14.4
236 25.9 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

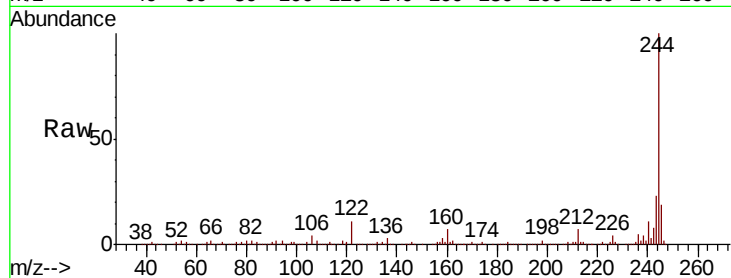




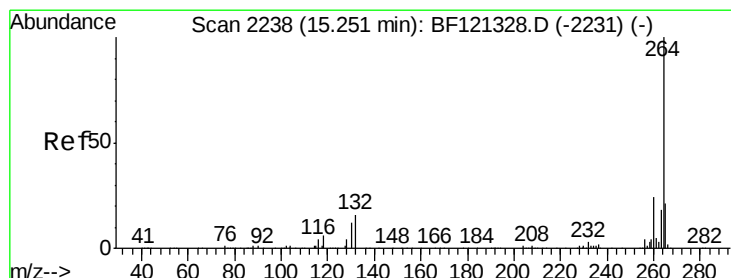
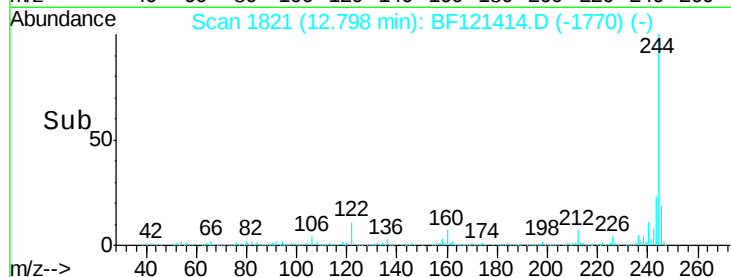
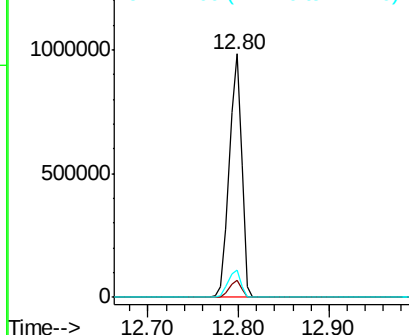
#79
Terphenyl-d14
Concen: 33.842 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Instrument :
BNA_F
ClientSampleId :
20200511-AMENDED-DISCRETE-00

Tot Ion:244 Resp: 936184
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.0 7.8 11.8

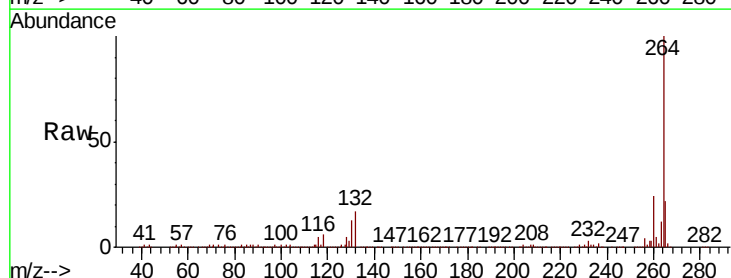


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121414.D
Acq: 24 Aug 2020 23:03

Tgt Ion:264 Resp: 469253
Ion Ratio Lower Upper
264 100
260 24.0 19.5 29.3
265 21.8 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

