

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124653.D
 Acq On : 21 Jul 2021 5:19
 Operator : JU/CG
 Sample : M3097-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-071921

Quant Time: Jul 21 06:46:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

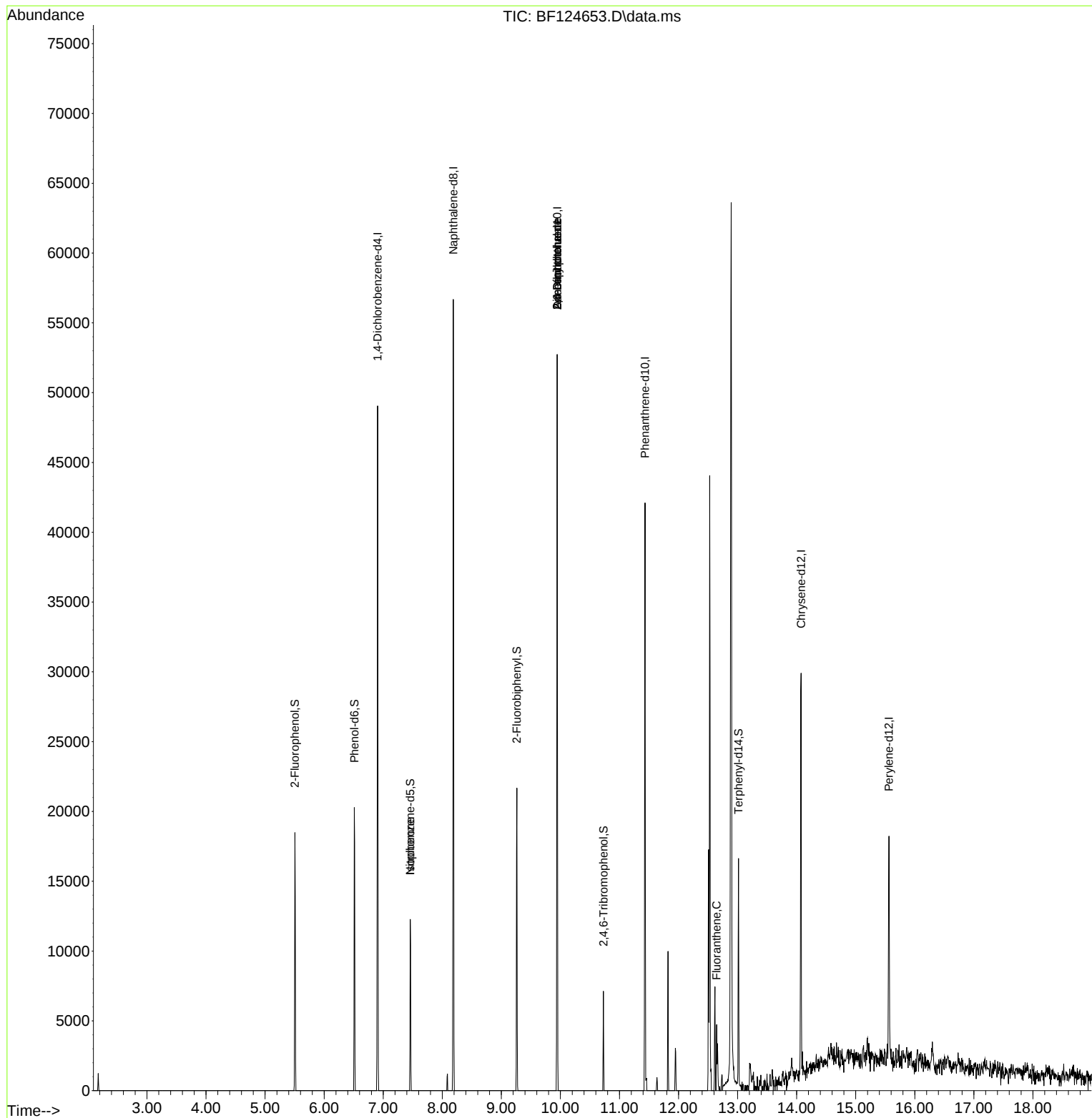
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6655	20.00	ng	-0.01
21) Naphthalene-d8	8.187	136	23327	20.00	ng	#-0.02
39) Acenaphthene-d10	9.945	164	10382	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	15415	20.00	ng	#-0.01
76) Chrysene-d12	14.074	240	11127	20.00	ng	#-0.01
86) Perylene-d12	15.563	264	7827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	5252	13.67	ng	-0.03
7) Phenol-d6	6.510	99	6148	13.16	ng	-0.04
23) Nitrobenzene-d5	7.457	82	3514	9.51	ng	-0.03
42) 2,4,6-Tribromophenol	10.728	330	831	10.29	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	7394	10.39	ng	-0.02
79) Terphenyl-d14	13.016	244	6494	9.80	ng	-0.02
Target Compounds						Qvalue
25) Isophorone	7.457	82	3514	5.18	ng	# 59
50) Dimethylphthalate	9.945	163	1800	2.49	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1248	8.76	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1248	6.40	ng	# 18
75) Fluoranthene	12.645	202	1800	2.12	ng	85

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

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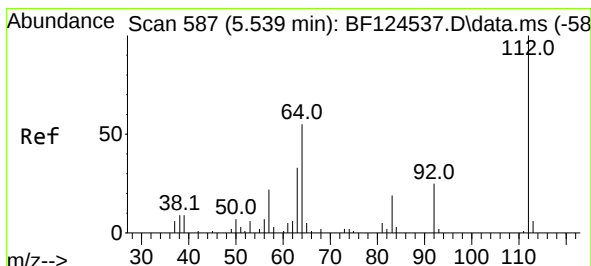
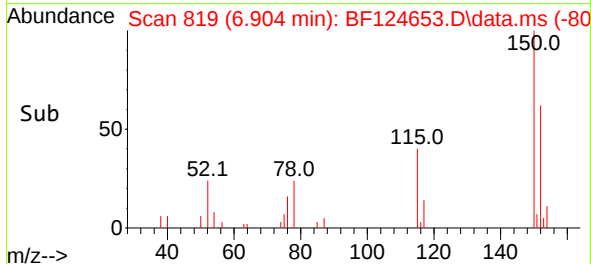
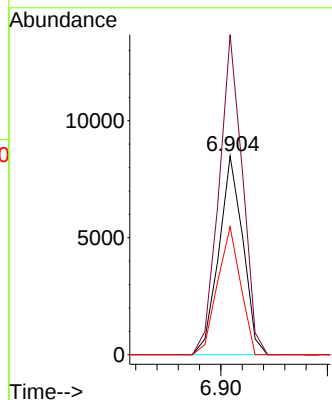
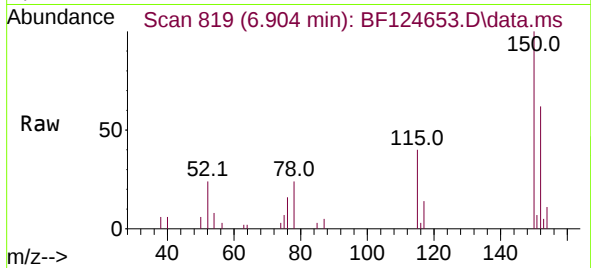




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

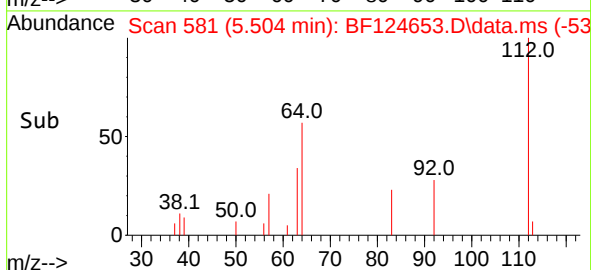
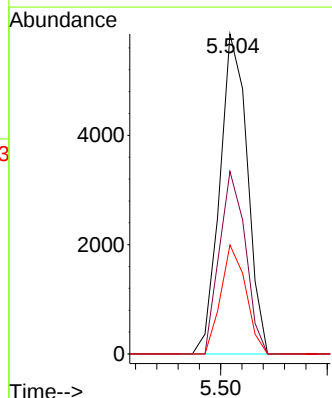
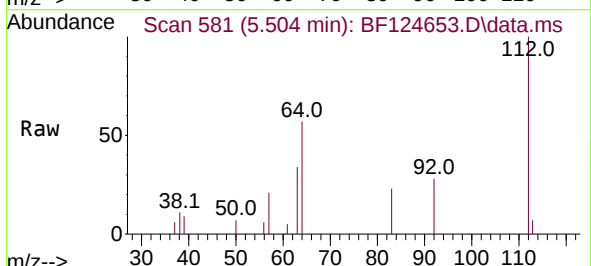
Instrument :
BNA_F
ClientSampleId :
HD-01-071921

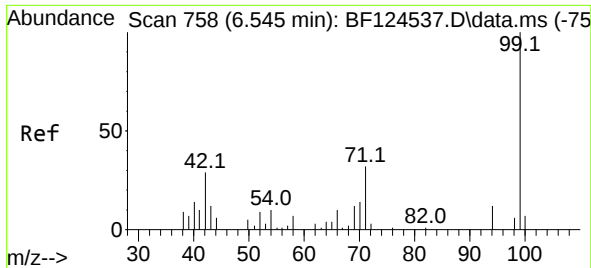
Tgt Ion:152 Resp: 6655
Ion Ratio Lower Upper
152 100
150 161.0 117.6 176.4
115 64.4 47.1 70.7



#5
2-Fluorophenol
Concen: 13.67 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.029 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:112 Resp: 5252
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 34.0 26.2 39.2

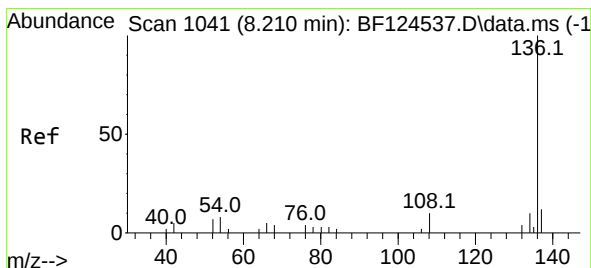
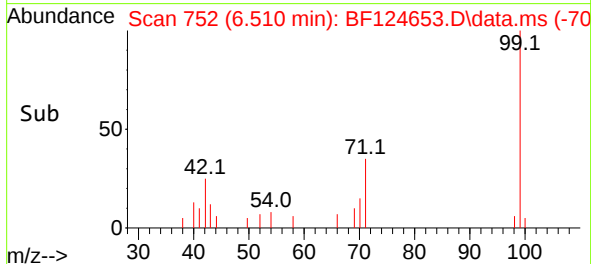
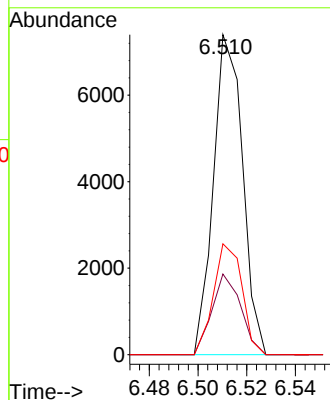
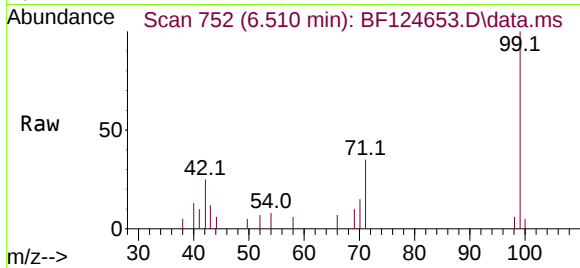




#7
Phenol-d6
Concen: 13.16 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.035 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

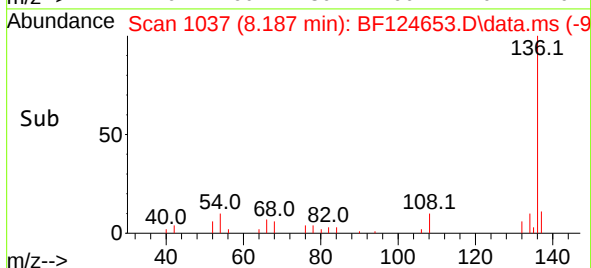
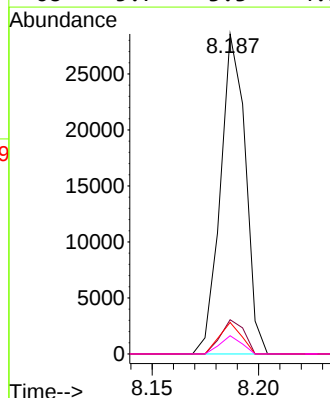
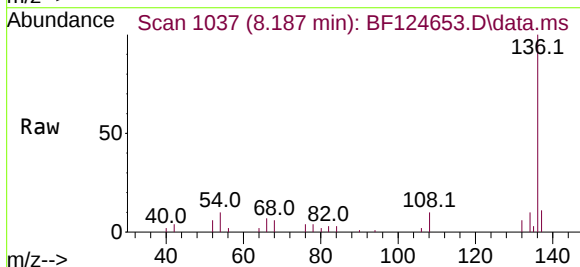
Instrument :
BNA_F
ClientSampleId :
HD-01-071921

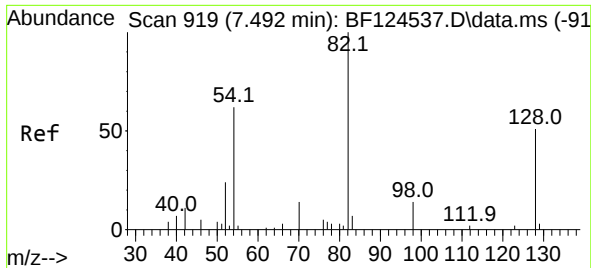
Tgt Ion:	99	Resp:	6148
Ion	Ratio	Lower	Upper
99	100		
42	25.2	23.5	35.3
71	34.7	25.6	38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.017 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:	136	Resp:	23327
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.9	6.4	9.6#
68	5.7	3.3	4.9#

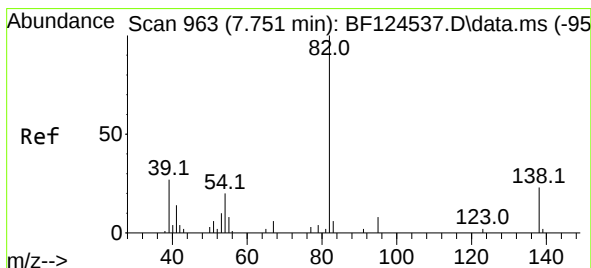
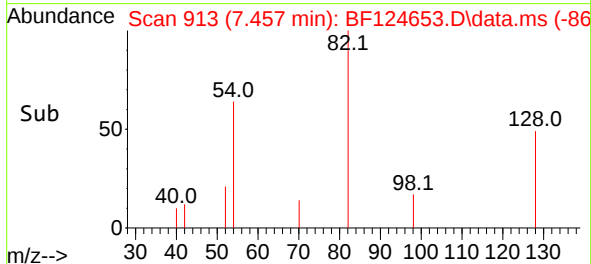
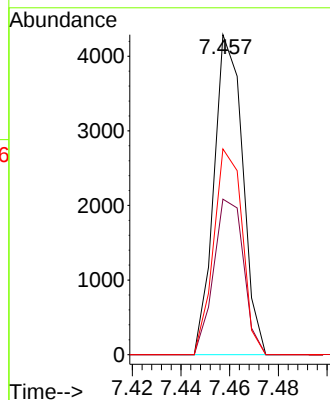
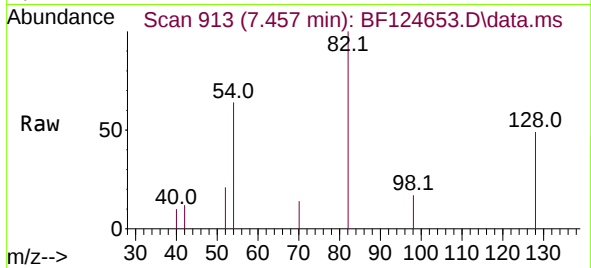




#23
Nitrobenzene-d5
Concen: 9.51 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.029 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

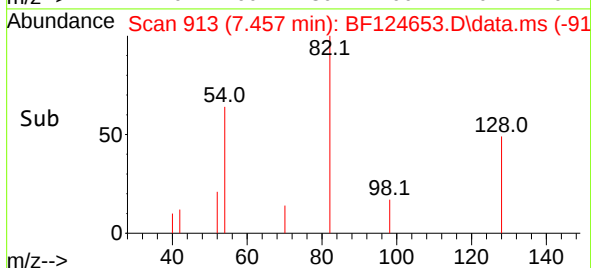
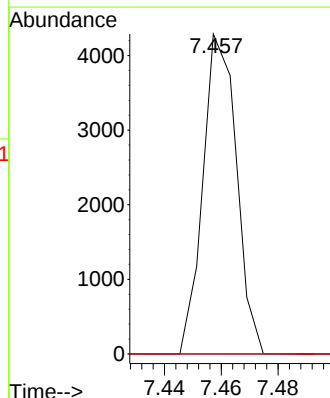
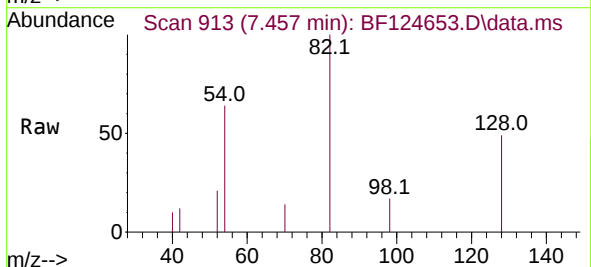
Instrument :
BNA_F
ClientSampleId :
HD-01-071921

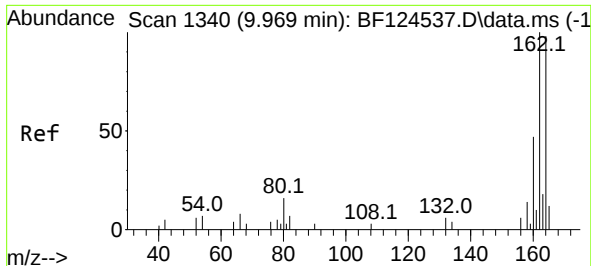
Tgt Ion: 82 Resp: 3514
Ion Ratio Lower Upper
82 100
128 48.6 40.6 60.8
54 64.3 49.6 74.4



#25
Isophorone
Concen: 5.18 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.288 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion: 82 Resp: 3514
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

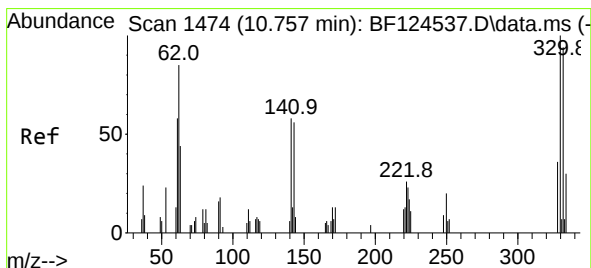
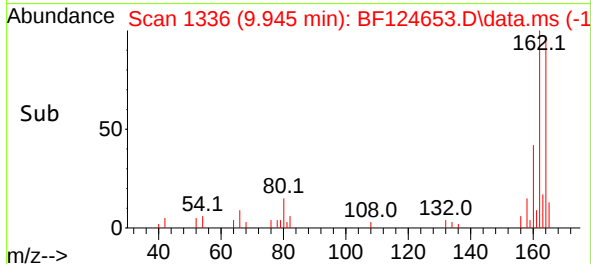
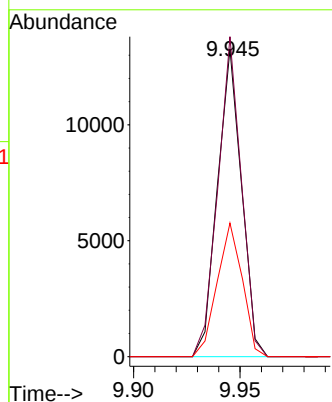
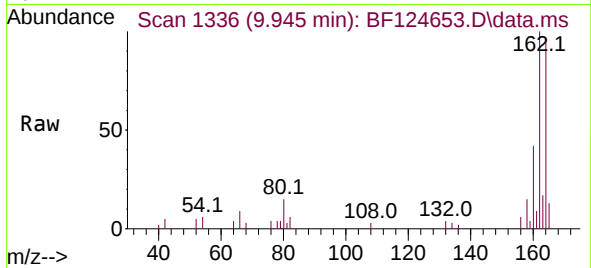




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

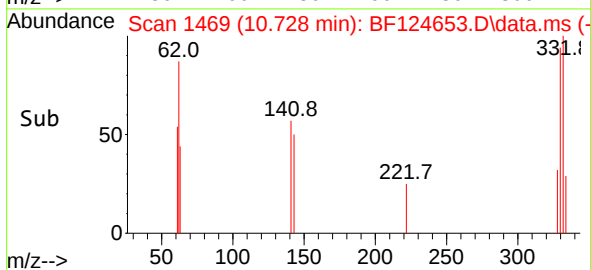
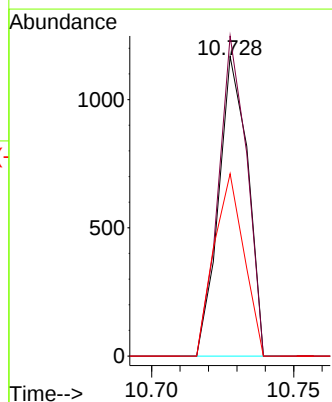
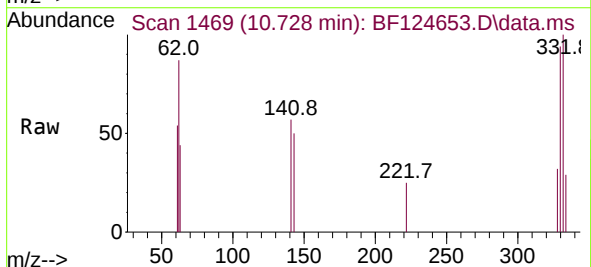
Instrument :
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ClientSampleId :
HD-01-071921

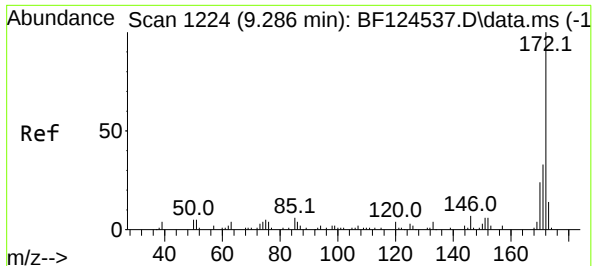
Tgt Ion:164 Resp: 10382
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 43.4 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 10.29 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:330 Resp: 831
Ion Ratio Lower Upper
330 100
332 104.0 76.2 114.4
141 62.6 44.6 66.8

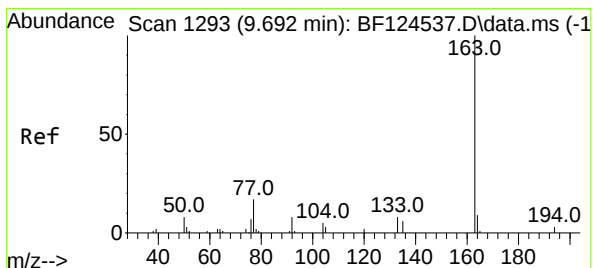
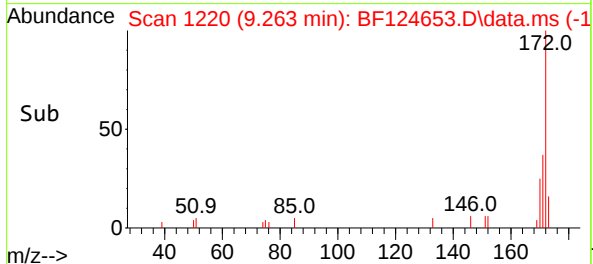
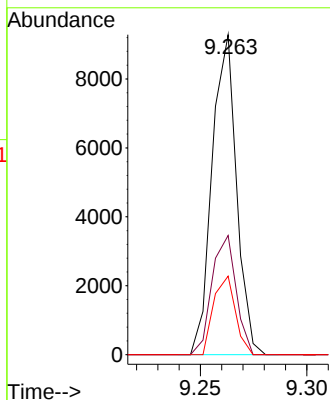
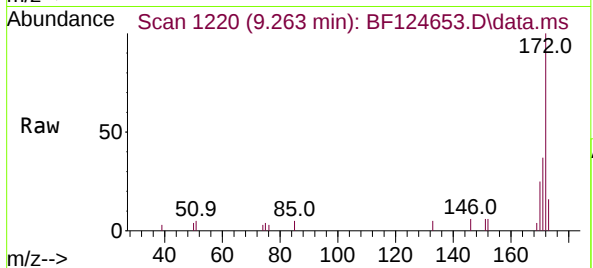




#45
2-Fluorobiphenyl
Concen: 10.39 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

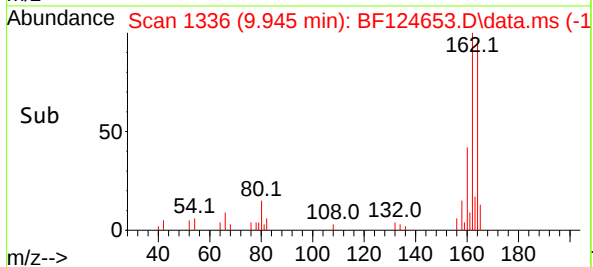
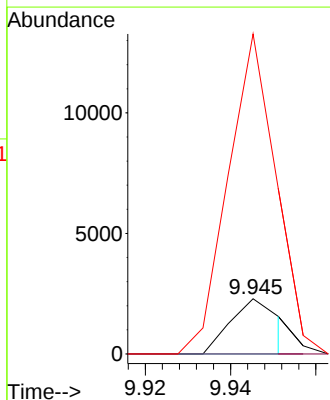
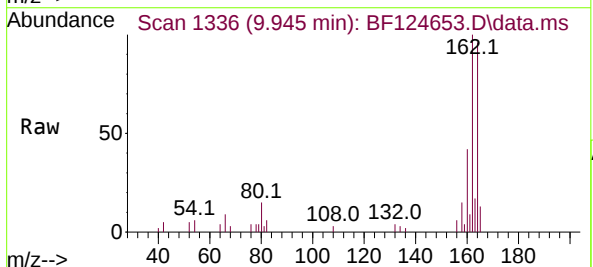
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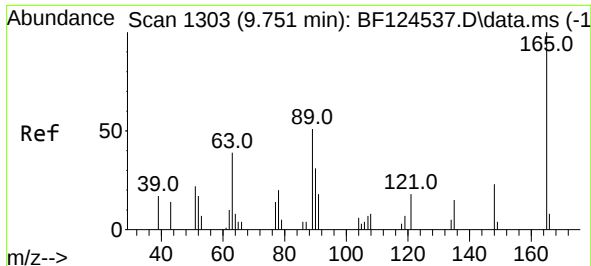
Tgt Ion:172	Resp:	7394
Ion Ratio	Lower	Upper
172	100	
171	37.3	26.5 39.7
170	24.5	18.8 28.2



#50
Dimethylphthalate
Concen: 2.49 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:163	Resp:	1800
Ion Ratio	Lower	Upper
163	100	
194	0.0	2.6 3.8#
164	579.9	7.4 11.0#

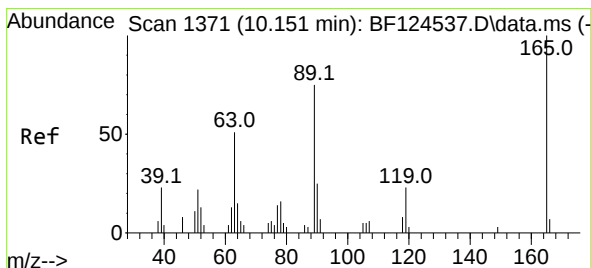
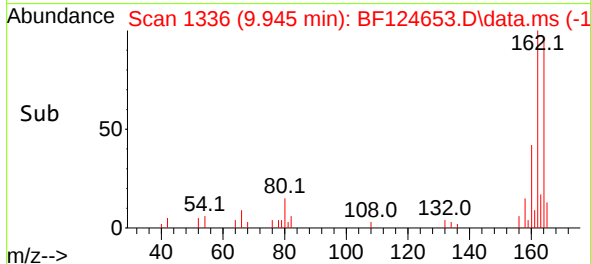
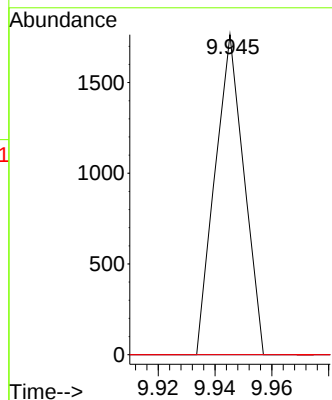
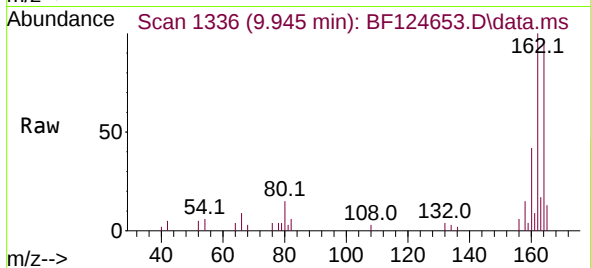




#51
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

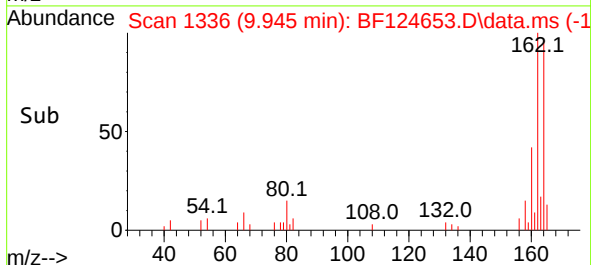
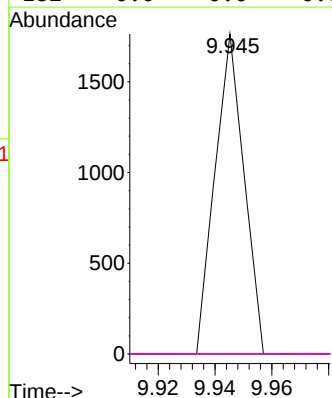
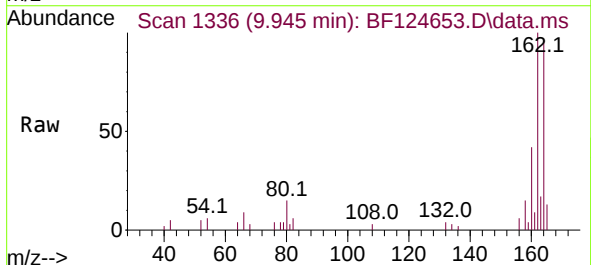
Instrument :
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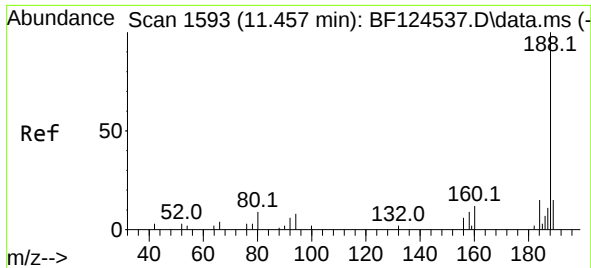
Tgt Ion:165 Resp: 1248
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:165 Resp: 1248
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

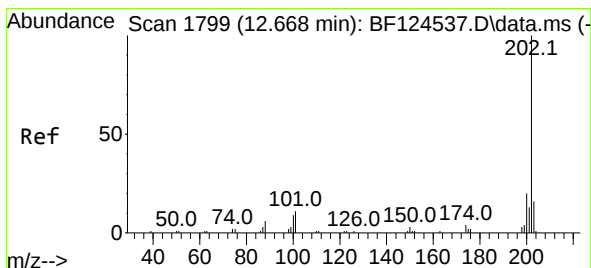
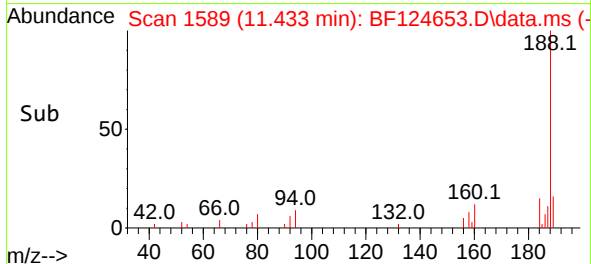
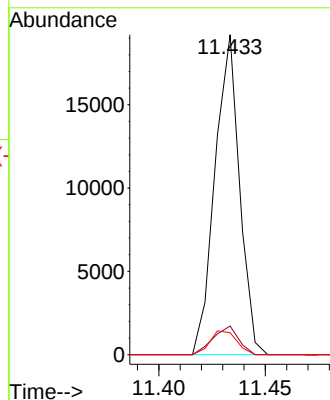
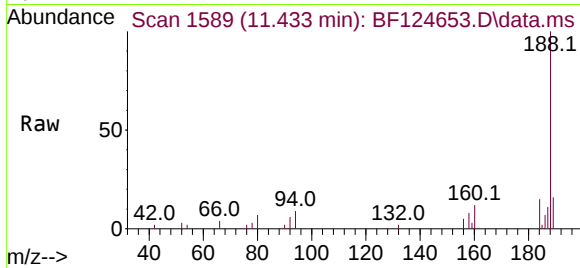




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

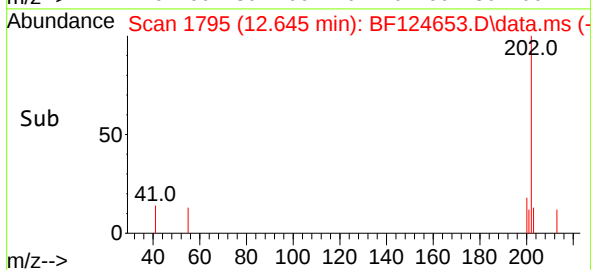
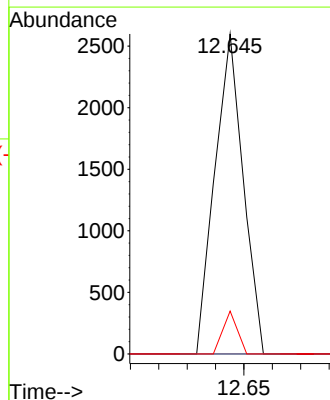
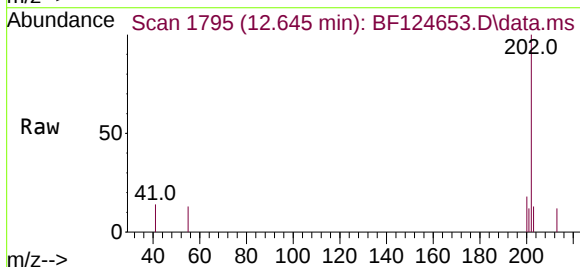
Instrument :
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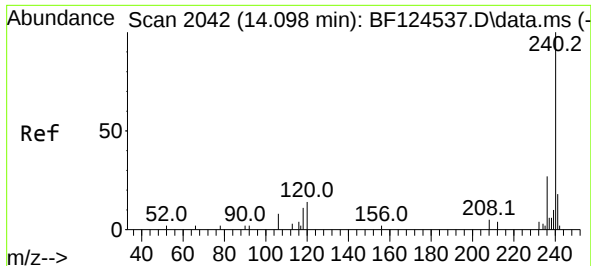
Tgt Ion:188 Resp: 15415
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 6.9 7.5 11.3#



#75
Fluoranthene
Concen: 2.12 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.017 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:202 Resp: 1800
Ion Ratio Lower Upper
202 100
101 0.0 0.0 30.7
203 13.4 0.0 36.3

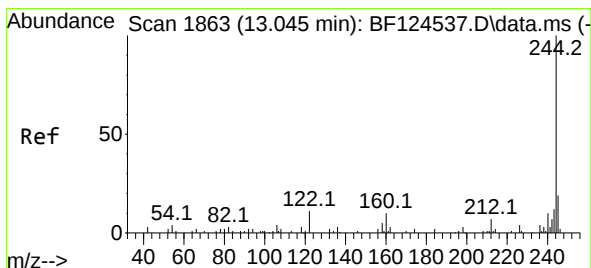
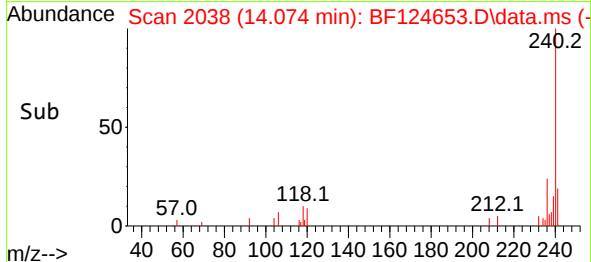
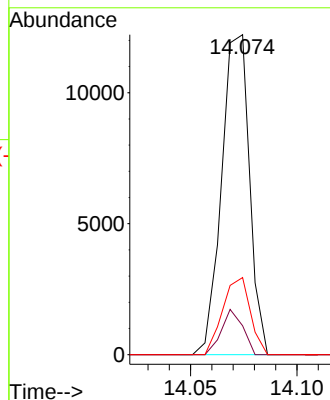
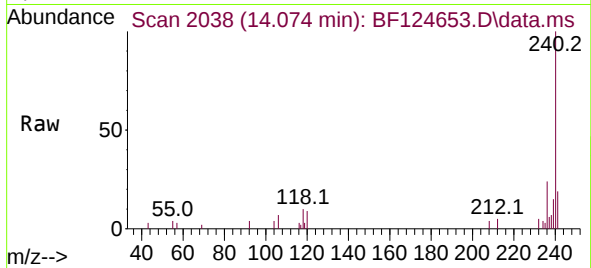




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. -0.012 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

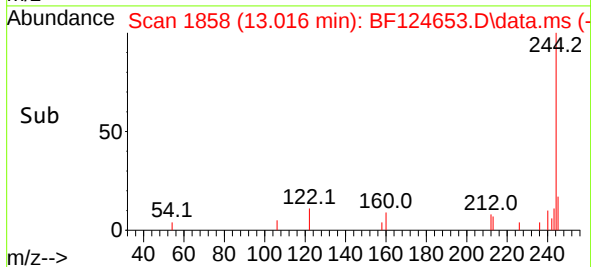
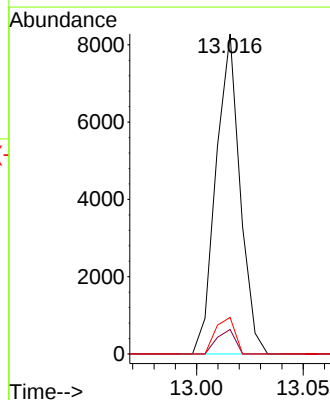
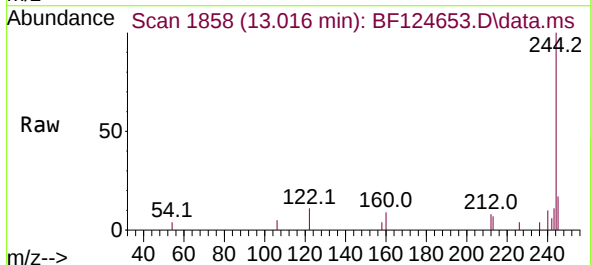
Instrument :
BNA_F
ClientSampleId :
HD-01-071921

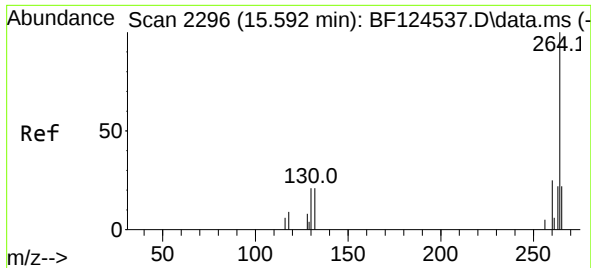
Tgt Ion:240 Resp: 11127
Ion Ratio Lower Upper
240 100
120 9.0 10.8 16.2#
236 24.1 21.6 32.4



#79
Terphenyl-d14
Concen: 9.80 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.017 min
Lab File: BF124653.D
Acq: 21 Jul 2021 5:19

Tgt Ion:244 Resp: 6494
Ion Ratio Lower Upper
244 100
212 7.6 5.9 8.9
122 11.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.563 min Scan# 2291
 Delta R.T. -0.006 min
 Lab File: BF124653.D
 Acq: 21 Jul 2021 5:19

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-071921

Tgt Ion:	264	Resp:	7827
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.6	29.4
265	24.7	17.2	25.8

