

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
 Data File : BF123602.D
 Acq On : 16 Apr 2021 20:45
 Operator : JU/CG
 Sample : M2034-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P1679

Quant Time: Apr 17 01:25:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

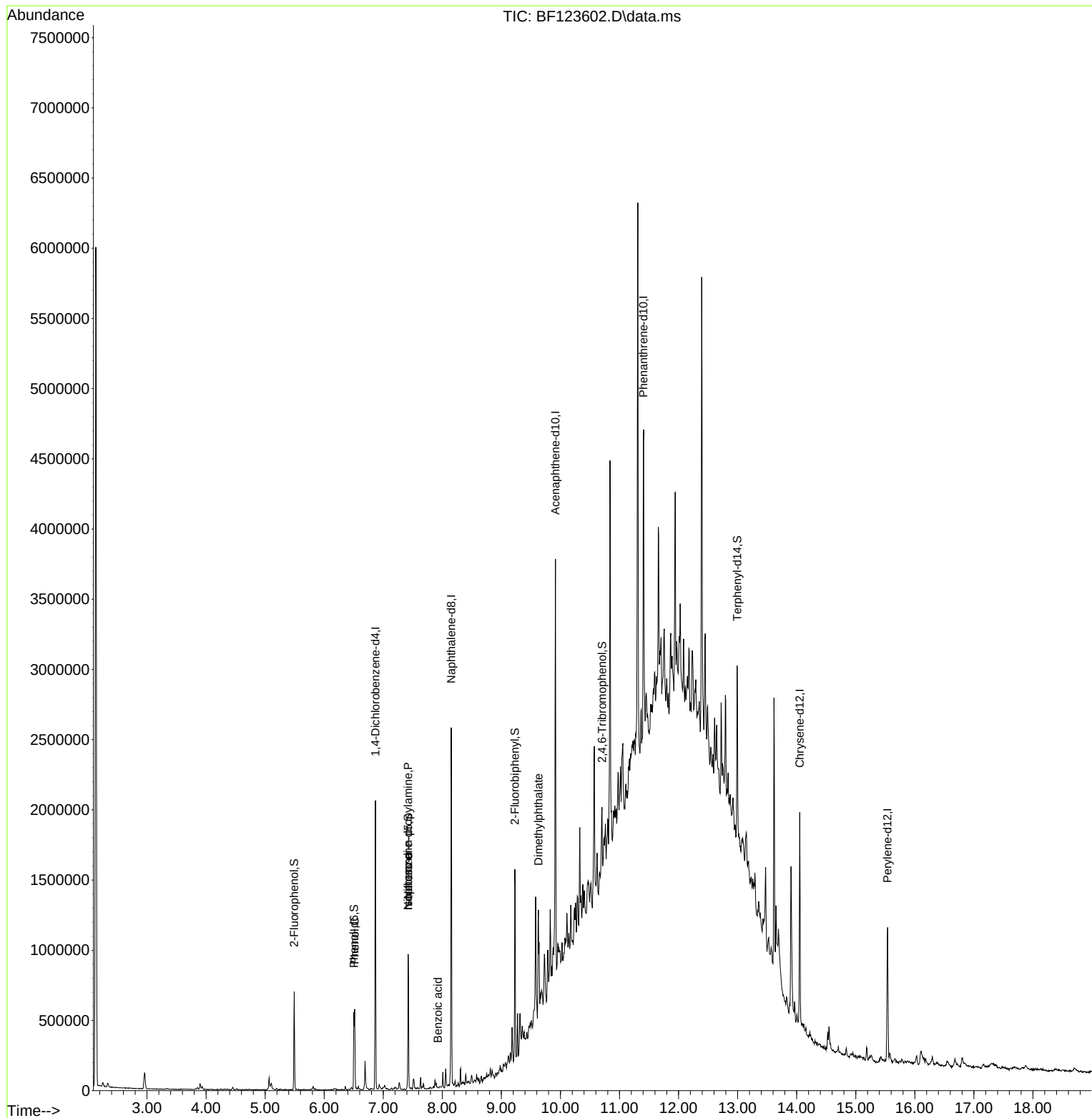
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	256507	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	1000445	20.00	ng	0.00
39) Acenaphthene-d10	9.916	164	480377	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	822939	20.00	ng	# 0.00
76) Chrysene-d12	14.051	240	486519	20.00	ng	0.00
86) Perylene-d12	15.539	264	437698	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	147244	9.28	ng	0.01
7) Phenol-d6	6.504	99	130946	5.95	ng	0.00
23) Nitrobenzene-d5	7.422	82	267396	12.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	58388	10.73	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	378313	11.74	ng	-0.01
79) Terphenyl-d14	12.992	244	311922	12.46	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	136774	5.86	ng	93
19) n-Nitroso-di-n-propyla...	7.422	70	37314	2.56	ng	# 71
25) Isophorone	7.422	82	265357	6.28	ng	# 69
32) Benzoic acid	7.928	122	201	4.56	ng	# 82
50) Dimethylphthalate	9.628	163	157393	4.74	ng	# 96
89) Benzo(k)fluoranthene	15.139	252	131	Below Cal	#	1
92) Benzo(g,h,i)perylene	17.456	276	622	Below Cal	#	33

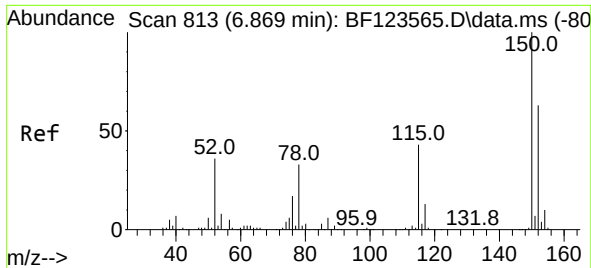
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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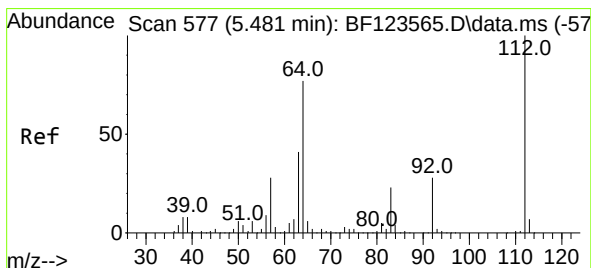
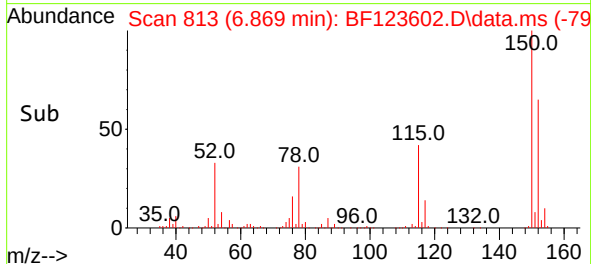
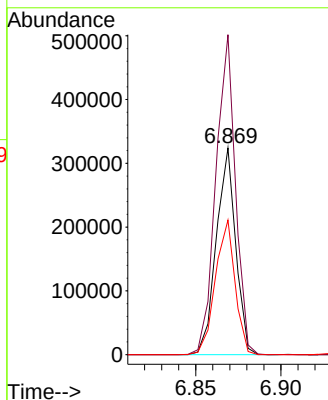
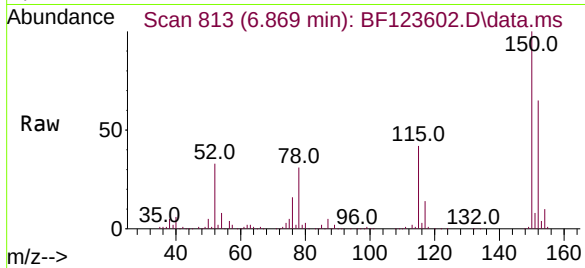




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

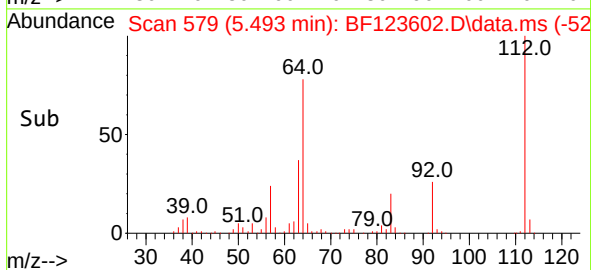
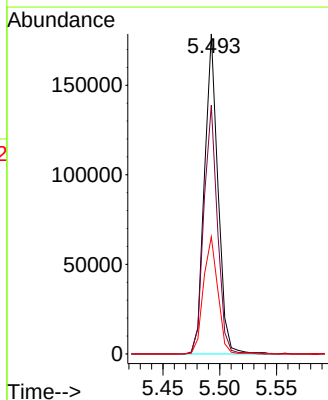
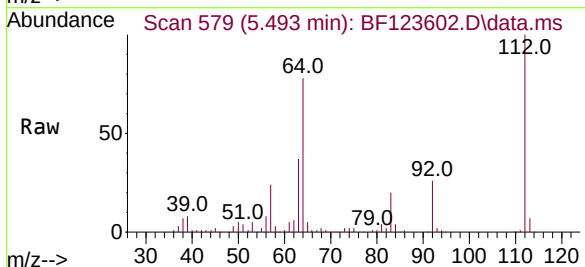
Instrument :
BNA_F
ClientSampleId :
P1679

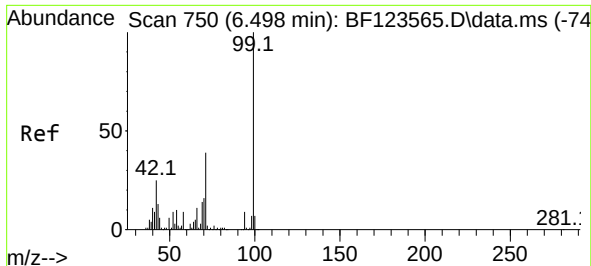
Tgt Ion:152 Resp: 256507
Ion Ratio Lower Upper
152 100
150 154.7 127.0 190.6
115 65.1 54.3 81.5



#5
2-Fluorophenol
Concen: 9.28 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion:112 Resp: 147244
Ion Ratio Lower Upper
112 100
64 77.7 61.4 92.0
63 36.6 33.0 49.4

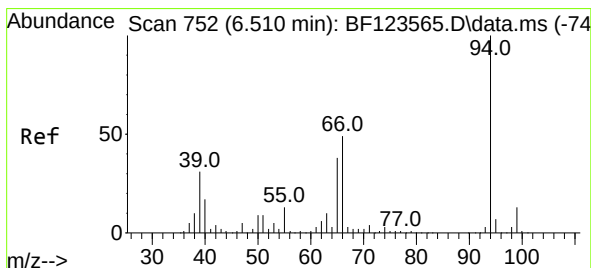
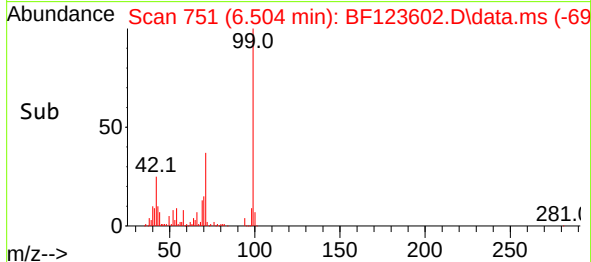
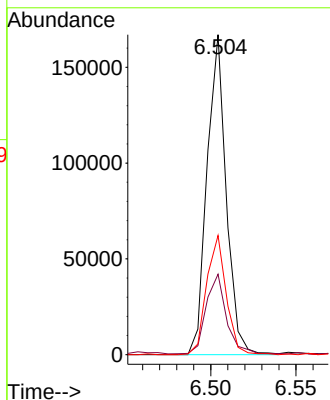
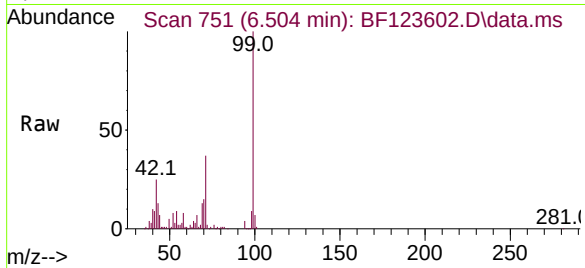




#7
Phenol-d6
Concen: 5.95 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

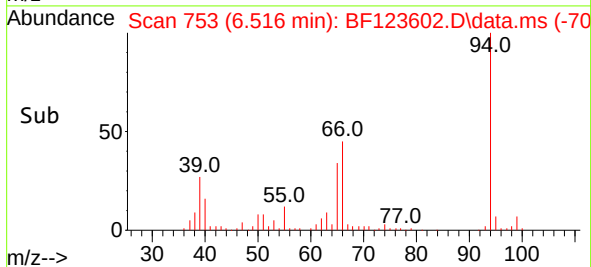
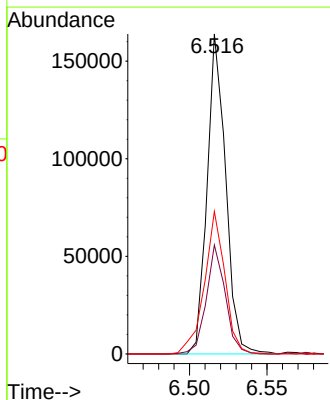
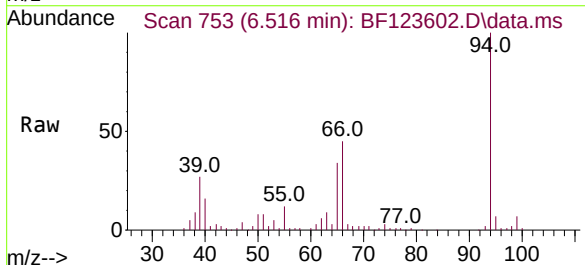
Instrument :
BNA_F
ClientSampleId :
P1679

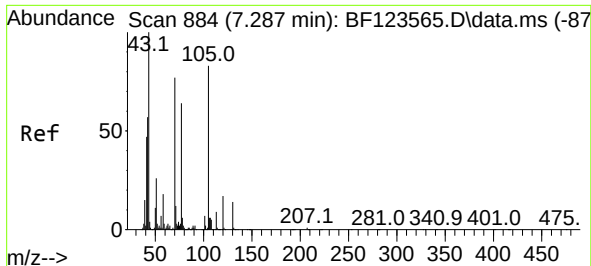
Tgt Ion: 99 Resp: 130946
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.8
71 37.3 31.1 46.7



#10
Phenol
Concen: 5.86 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

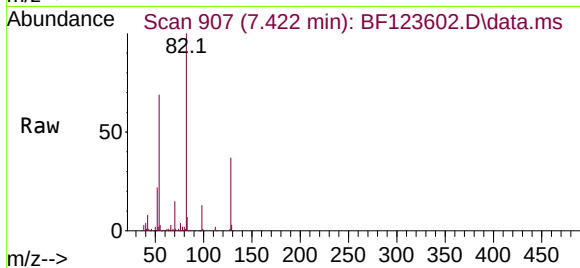
Tgt Ion: 94 Resp: 136774
Ion Ratio Lower Upper
94 100
65 34.1 18.1 58.1
66 44.6 29.0 69.0



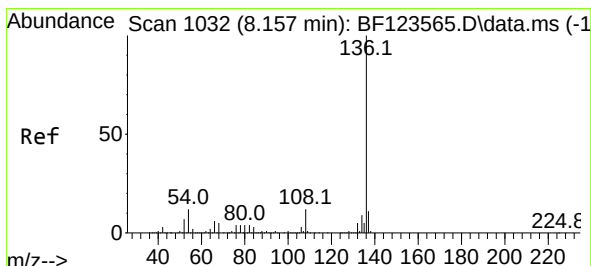
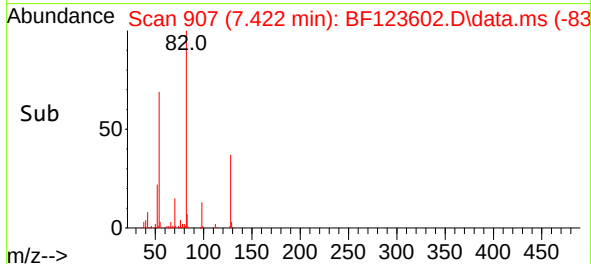
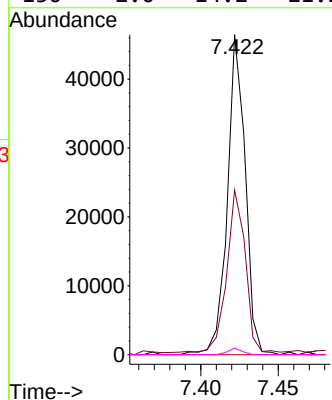


#19
n-Nitroso-di-n-propylamine
Concen: 2.56 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Instrument :
BNA_F
ClientSampleId :
P1679

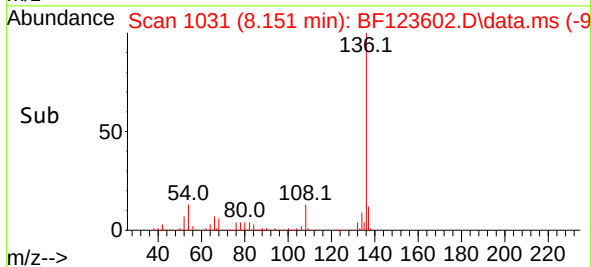
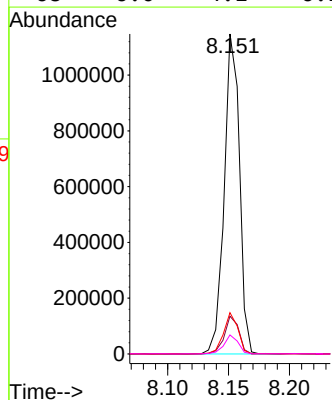
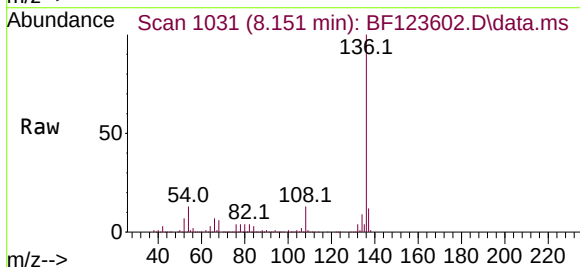


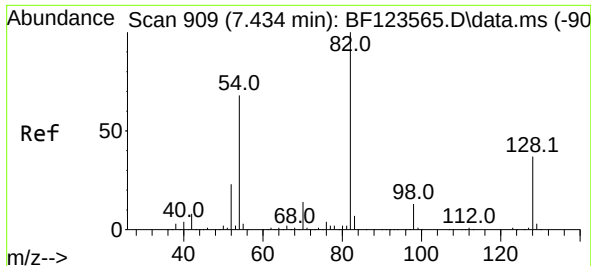
Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.4	60.1	90.1#
101	0.0	7.4	11.2#
130	2.0	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	12.9	9.8	14.6
68	6.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 12.29 ng

RT: 7.422 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF123602.D

Acq: 16 Apr 2021 20:45

Tgt Ion: 82 Resp: 267396

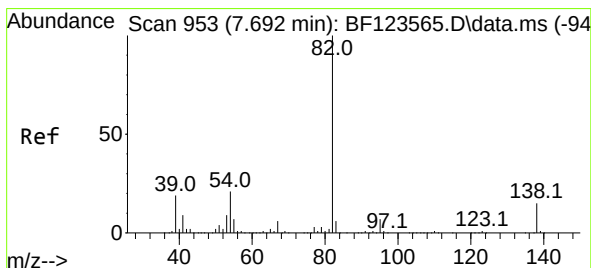
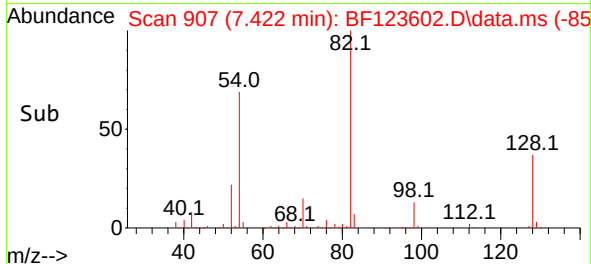
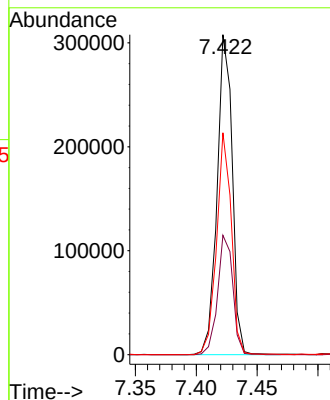
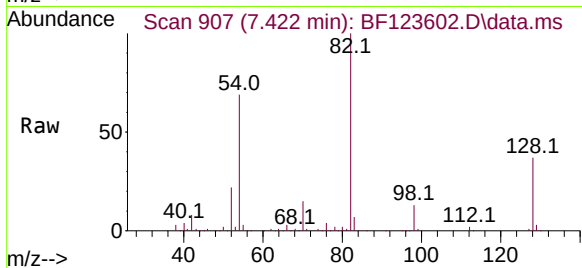
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.4	44.2
54	69.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

P1679



#25

Isophorone

Concen: 6.28 ng

RT: 7.422 min Scan# 907

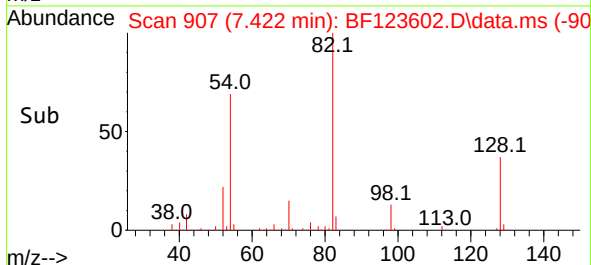
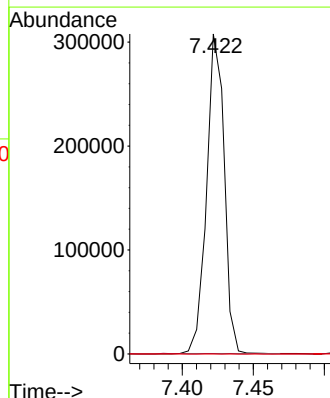
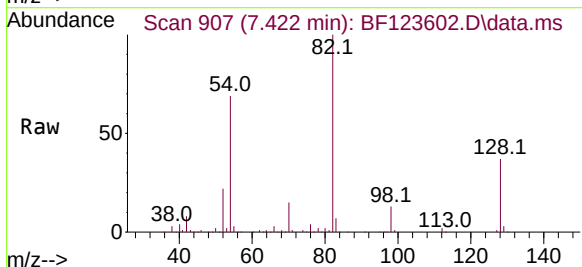
Delta R.T. -0.271 min

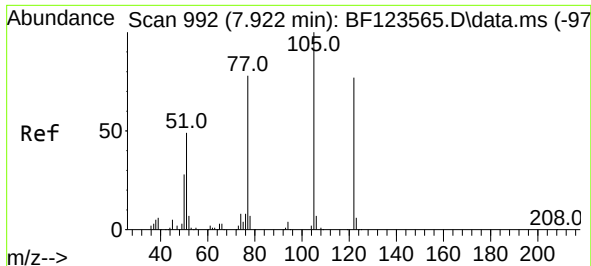
Lab File: BF123602.D

Acq: 16 Apr 2021 20:45

Tgt Ion: 82 Resp: 265357

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	11.8	17.8#

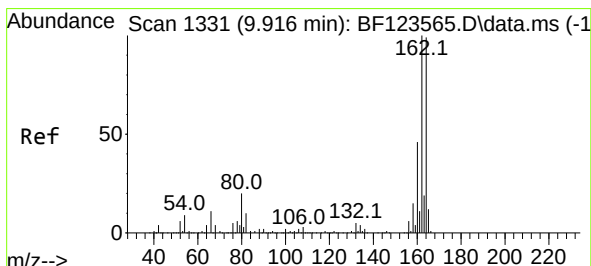
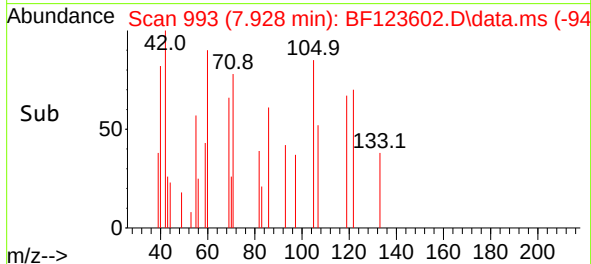
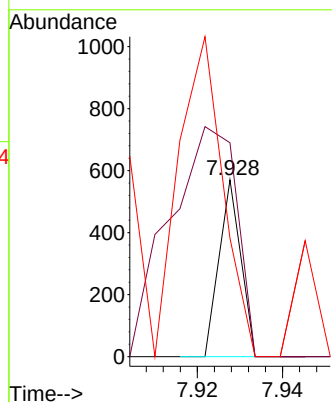
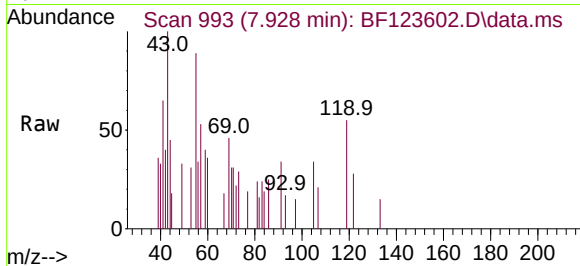




#32
Benzoic acid
Concen: 4.56 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

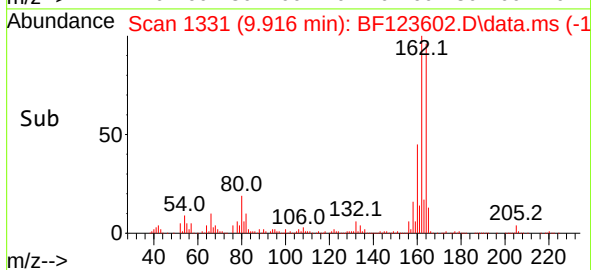
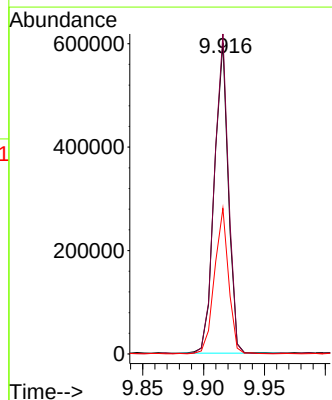
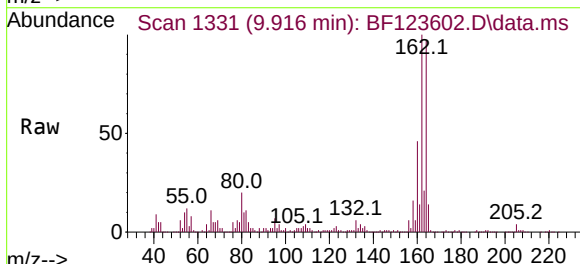
Instrument :
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ClientSampleId :
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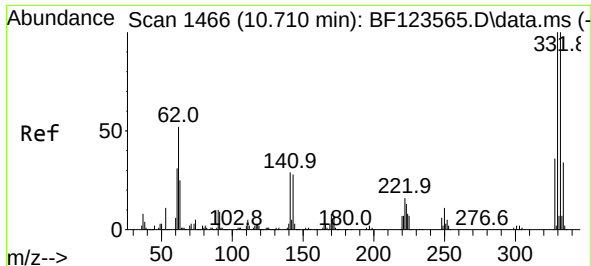
Tgt Ion:122 Resp: 201
Ion Ratio Lower Upper
122 100
105 121.1 107.8 147.8
77 67.0 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion:164 Resp: 480377
Ion Ratio Lower Upper
164 100
162 102.8 80.7 121.1
160 46.8 37.3 55.9

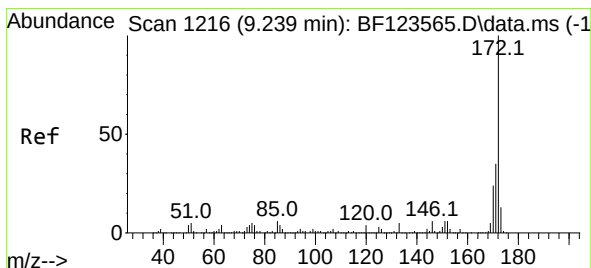
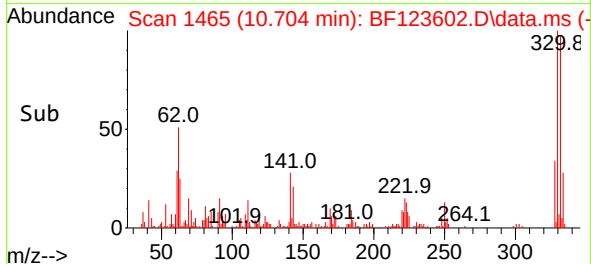
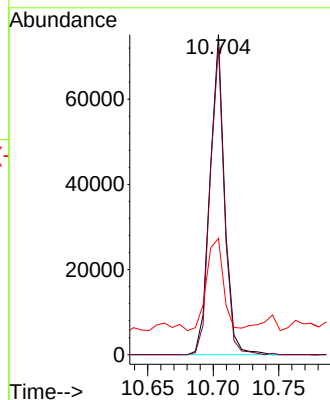
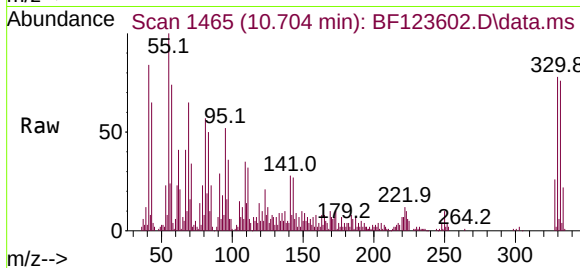




#42
2,4,6-Tribromophenol
Concen: 10.73 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

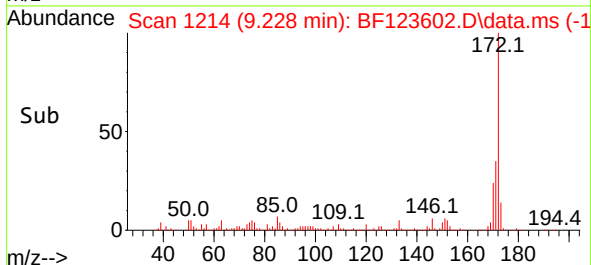
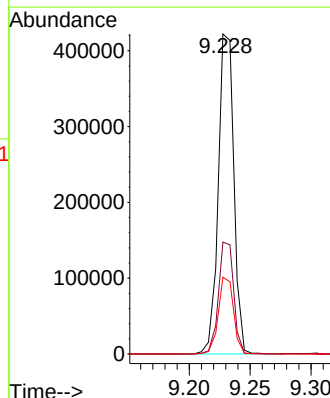
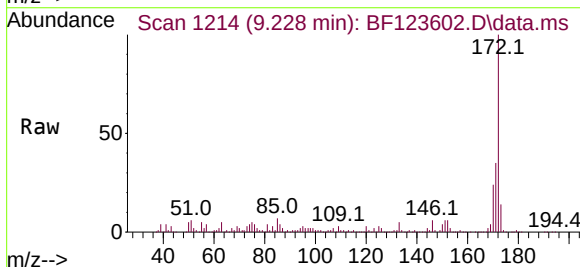
Instrument :
BNA_F
ClientSampleId :
P1679

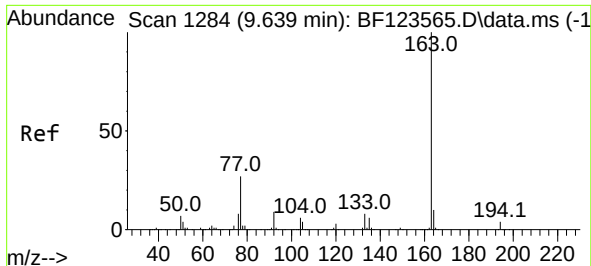
Tgt Ion:	330	Resp:	58388
Ion Ratio	Lower	Upper	
330	100		
332	94.2	77.1	115.7
141	33.4	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 11.74 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion:	172	Resp:	378313
Ion Ratio	Lower	Upper	
172	100		
171	35.0	28.1	42.1
170	24.0	19.2	28.8

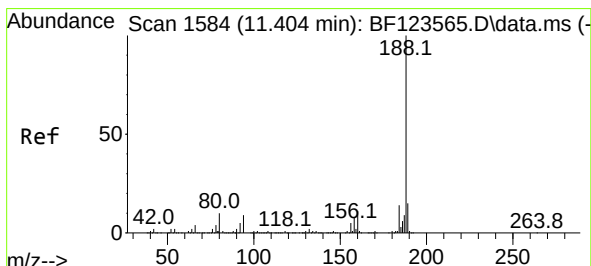
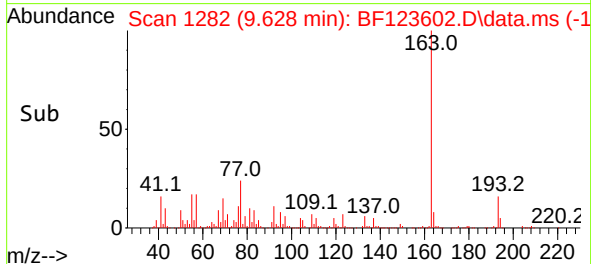
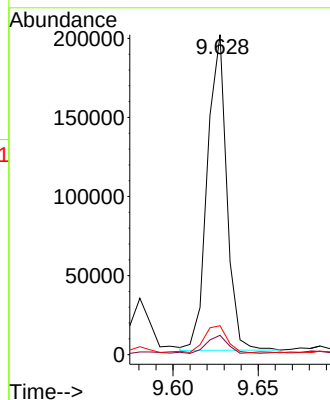
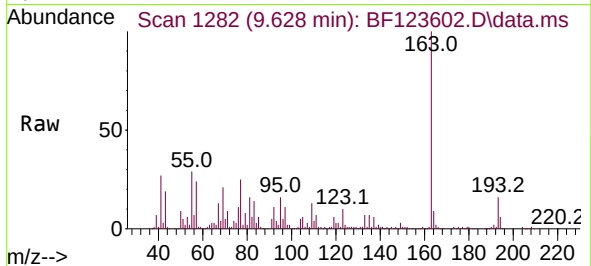




#50
Dimethylphthalate
Concen: 4.74 ng
RT: 9.628 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

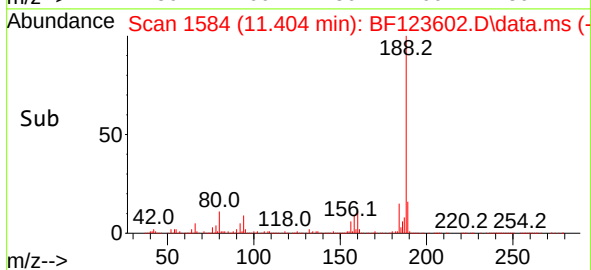
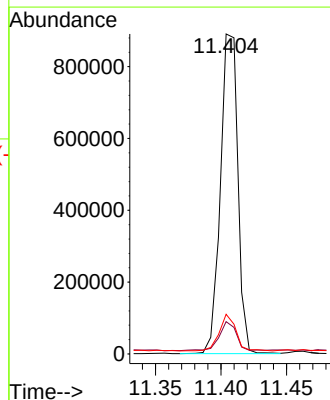
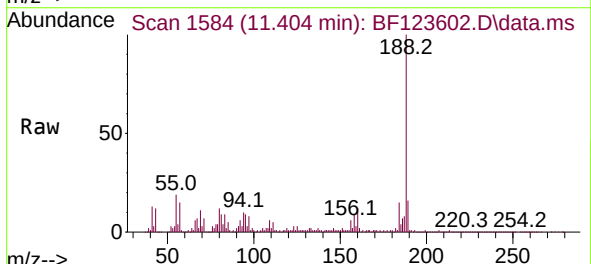
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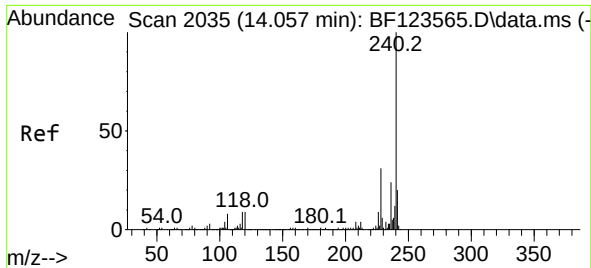
Tgt Ion:163 Resp: 157393
Ion Ratio Lower Upper
163 100
194 6.1 3.1 4.7#
164 9.1 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion:188 Resp: 822939
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 12.4 8.2 12.2#

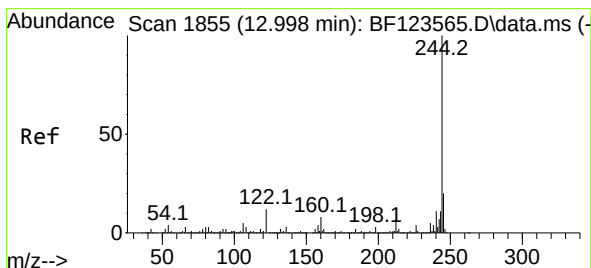
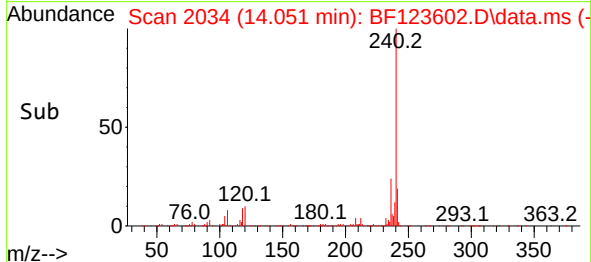
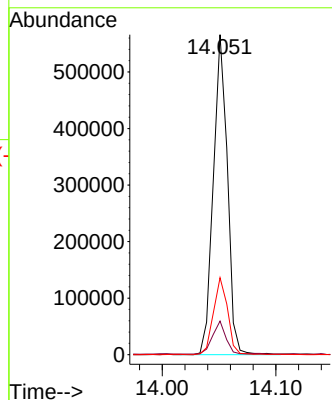
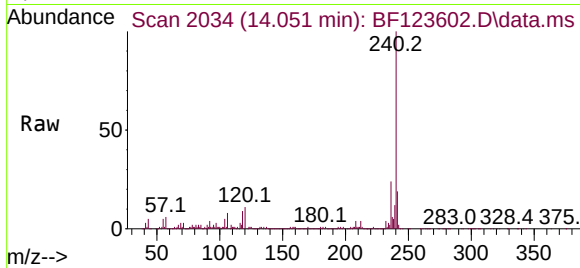




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

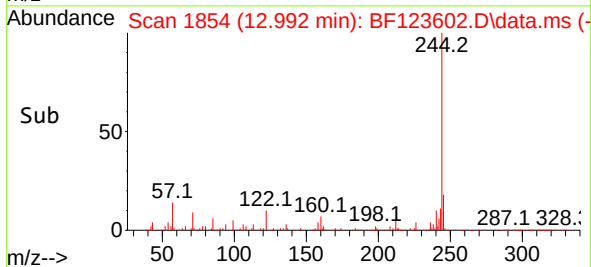
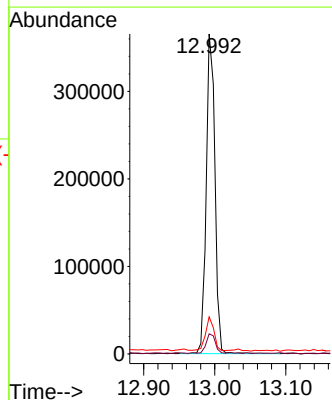
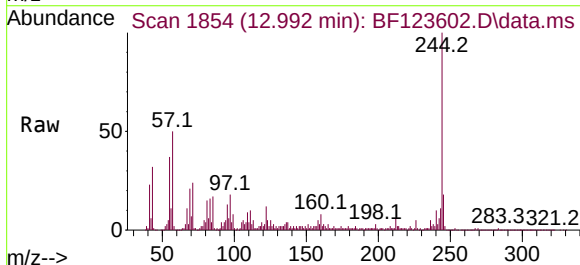
Instrument :
BNA_F
ClientSampleId :
P1679

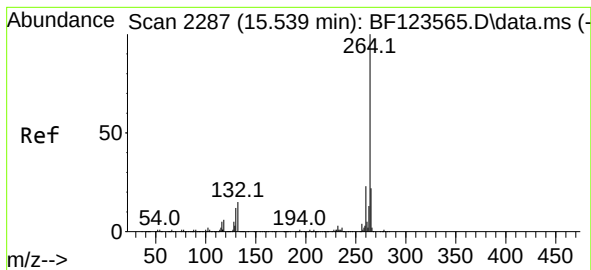
Tgt Ion:240 Resp: 486519
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 24.0 19.0 28.4



#79
Terphenyl-d14
Concen: 12.46 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.006 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Tgt Ion:244 Resp: 311922
Ion Ratio Lower Upper
244 100
212 6.3 5.7 8.5
122 11.6 9.7 14.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.539 min Scan# 2287
Delta R.T. 0.000 min
Lab File: BF123602.D
Acq: 16 Apr 2021 20:45

Instrument :
BNA_F
ClientSampleId :
P1679

Tgt Ion:264 Resp: 437698

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.7	17.8	26.8

