

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123970.D
 Acq On : 17 May 2021 18:49
 Operator : JU/CG
 Sample : M2413-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124027

Quant Time: May 18 00:57:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

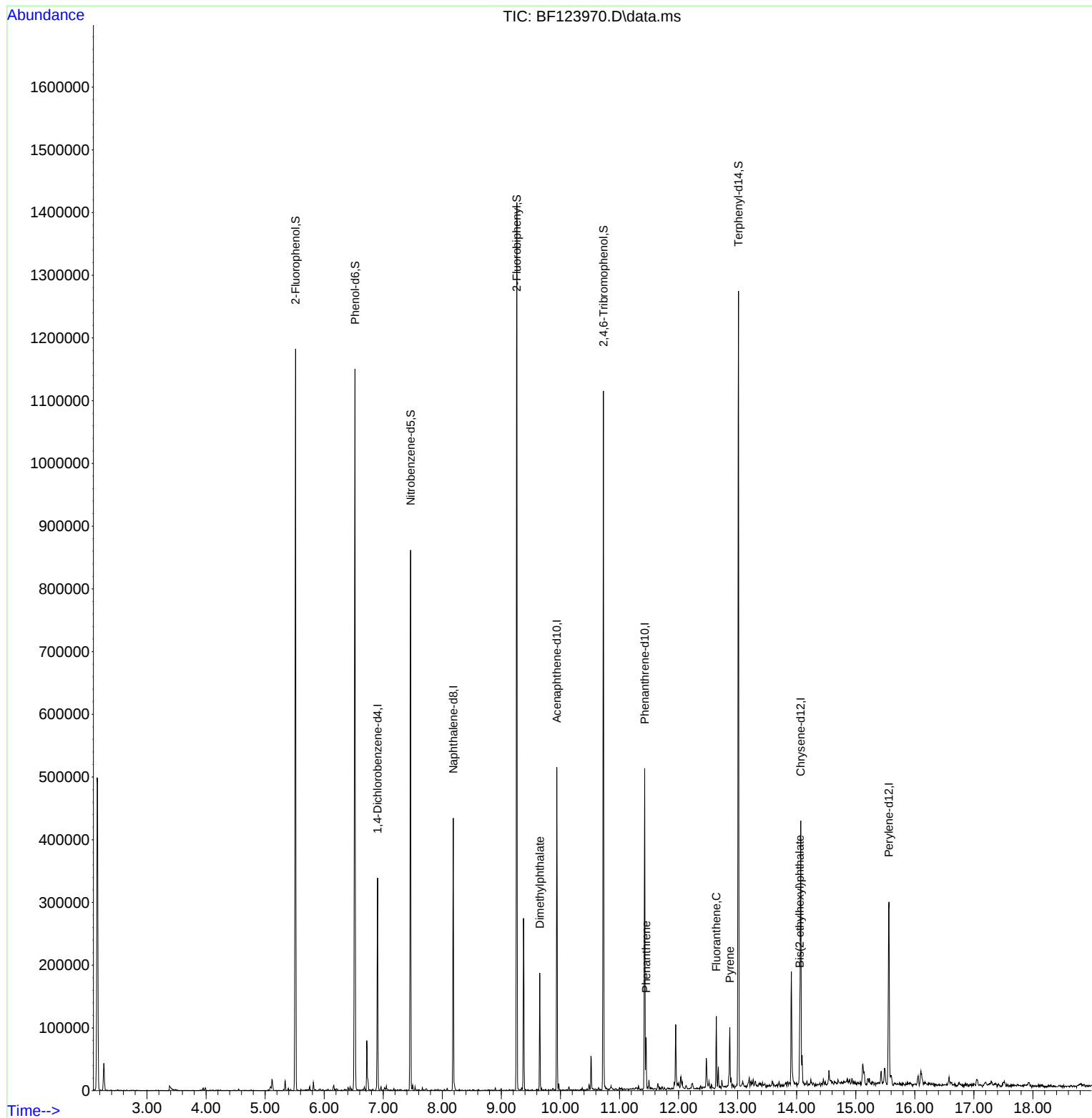
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	38484	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	148727	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	85527	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	157678	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	124370	20.00	ng	0.00
86) Perylene-d12	15.562	264	123022	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	233123	85.05	ng	0.00
7) Phenol-d6	6.522	99	300444	84.50	ng	0.00
23) Nitrobenzene-d5	7.463	82	215970	62.57	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	98956	96.33	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	365367	52.57	ng	0.00
79) Terphenyl-d14	13.015	244	373901	45.53	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.651	163	55506	8.13	ng	97
71) Phenanthrene	11.451	178	28203	2.82	ng	96
75) Fluoranthene	12.639	202	37100	3.59	ng	97
78) Pyrene	12.868	202	34796	3.15	ng	97
84) Bis(2-ethylhexyl)phtha...	14.051	149	16211	2.65	ng	93

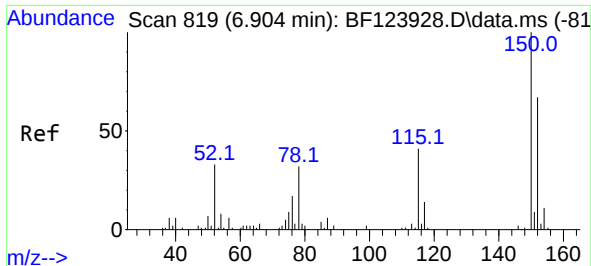
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

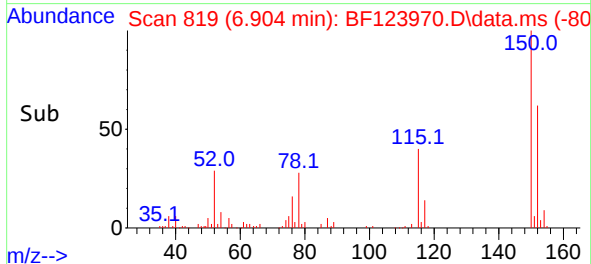
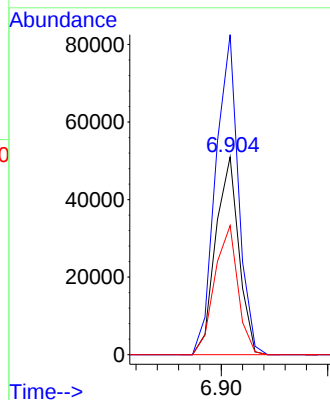
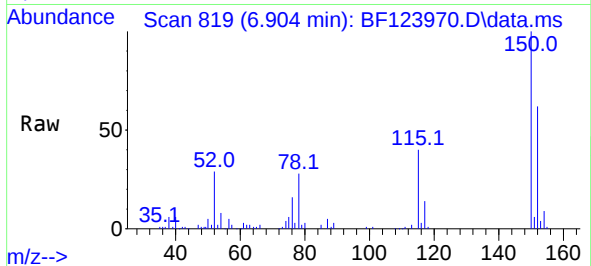




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

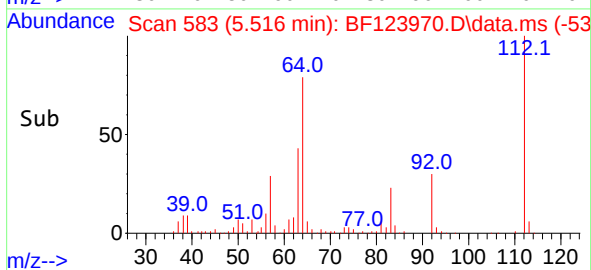
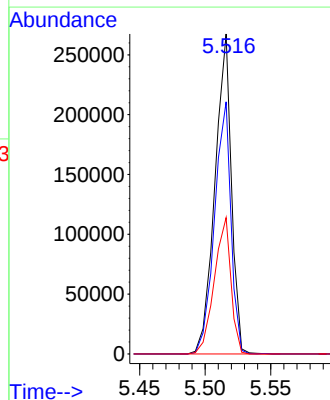
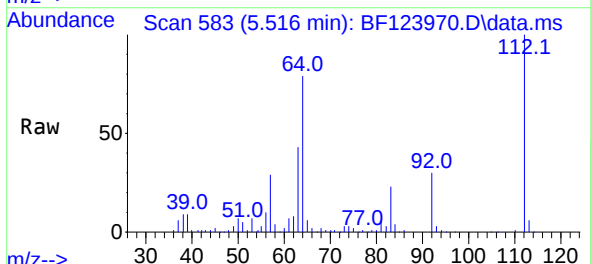
Instrument :
BNA_F
ClientSampleId :
124027

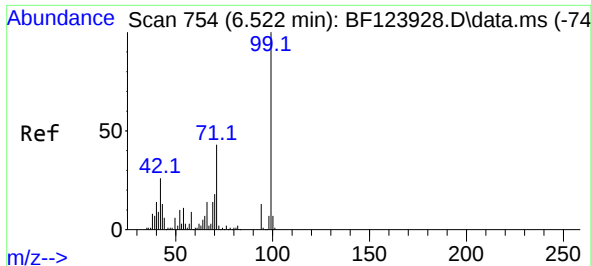
Tgt Ion:152 Resp: 38484
Ion Ratio Lower Upper
152 100
150 161.8 127.0 190.6
115 65.3 54.3 81.5



#5
2-Fluorophenol
Concen: 85.05 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion:112 Resp: 233123
Ion Ratio Lower Upper
112 100
64 78.8 61.4 92.0
63 42.6 33.0 49.4

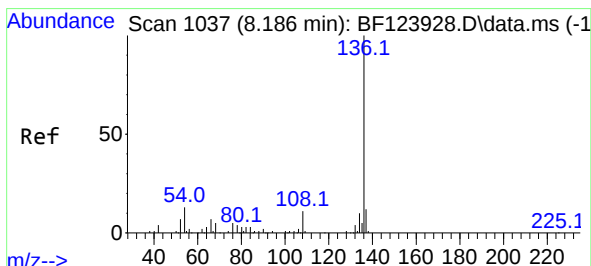
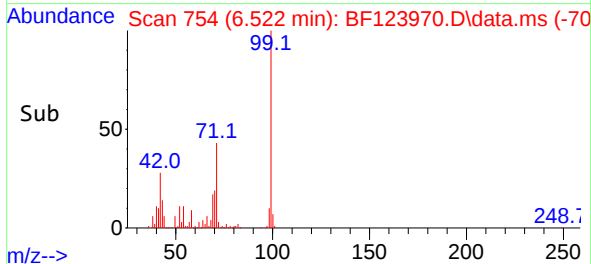
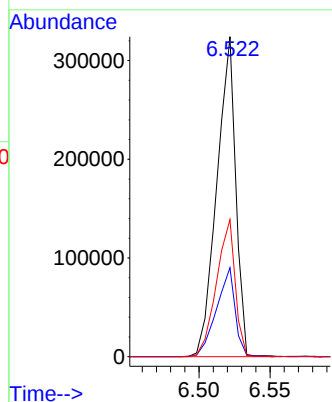
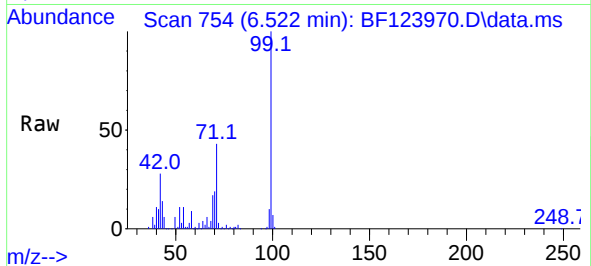




#7
Phenol-d6
Concen: 84.50 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

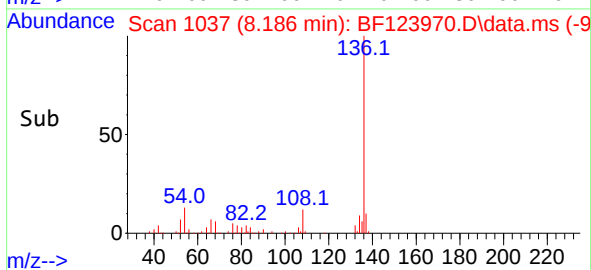
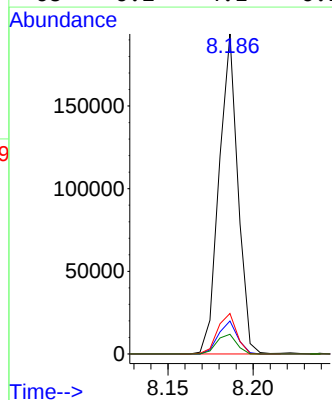
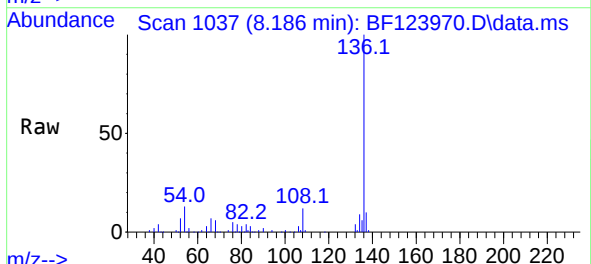
Instrument :
BNA_F
ClientSampleId :
124027

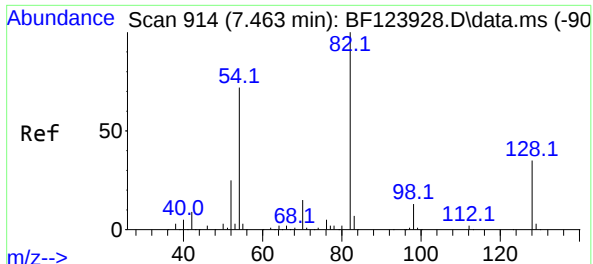
Tgt Ion: 99 Resp: 300444
Ion Ratio Lower Upper
99 100
42 27.8 19.8 29.8
71 42.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion: 136 Resp: 148727
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 12.6 9.8 14.6
68 6.2 4.1 6.1#

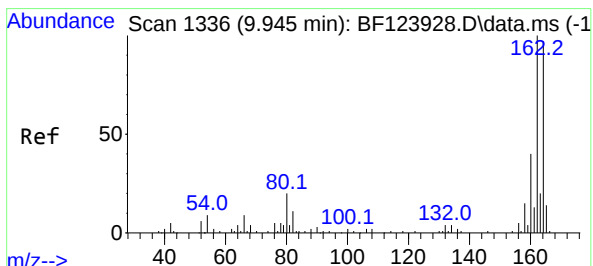
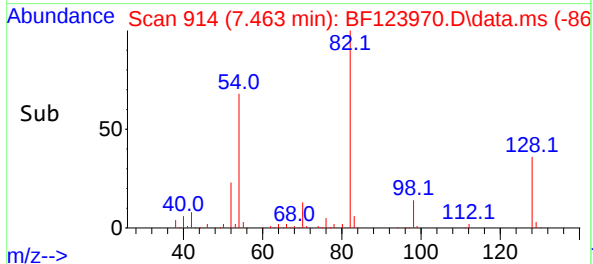
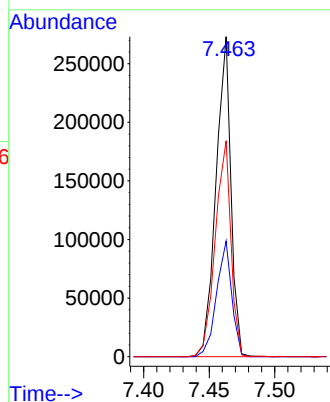
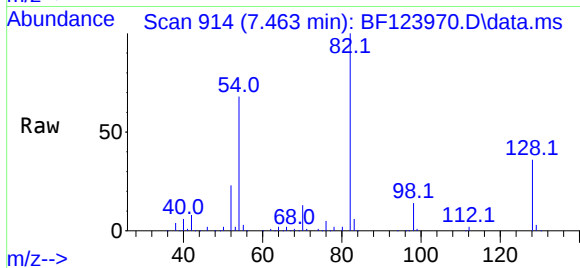




#23
Nitrobenzene-d5
Concen: 62.57 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

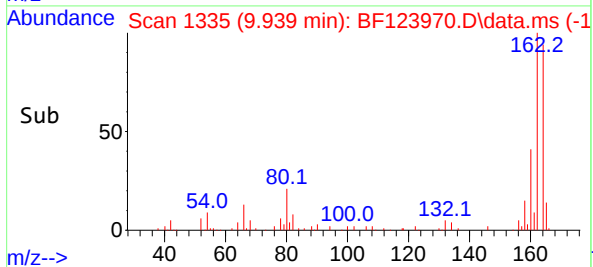
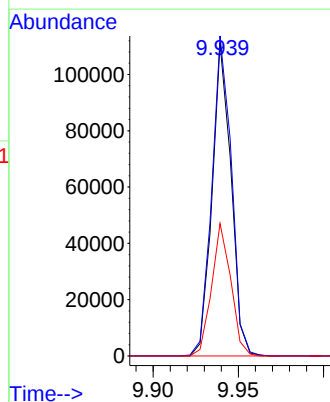
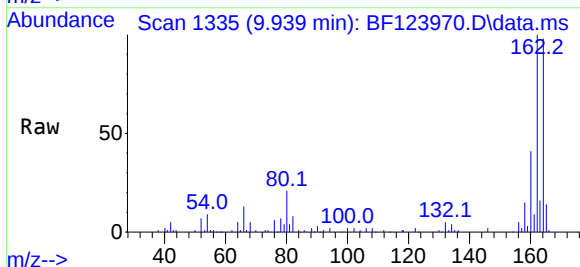
Instrument :
BNA_F
ClientSampleId :
124027

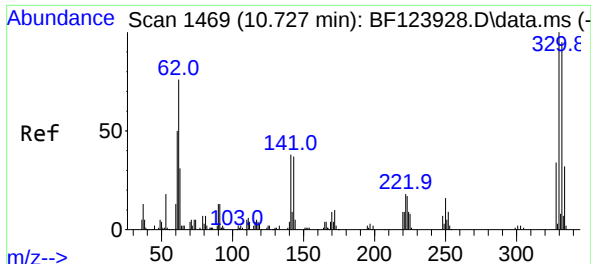
Tgt Ion: 82 Resp: 215970
Ion Ratio Lower Upper
82 100
128 36.2 29.4 44.2
54 67.5 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

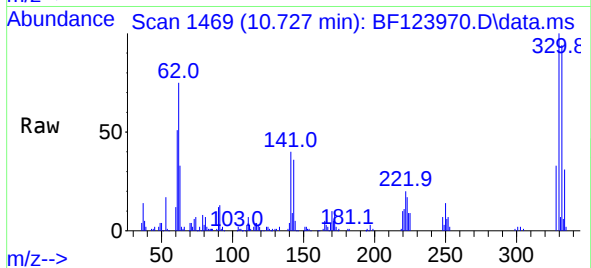
Tgt Ion:164 Resp: 85527
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 42.4 37.3 55.9



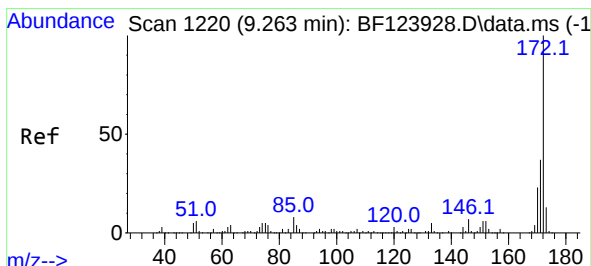
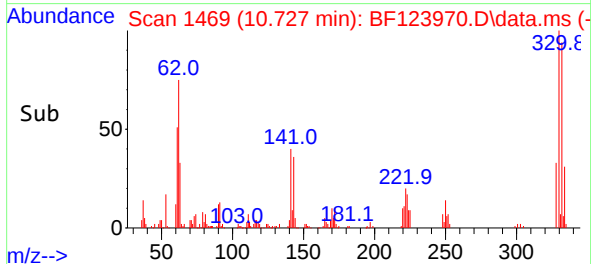
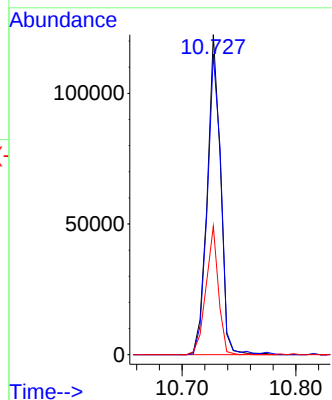


#42
2,4,6-Tribromophenol
Concen: 96.33 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Instrument :
BNA_F
ClientSampleId :
124027

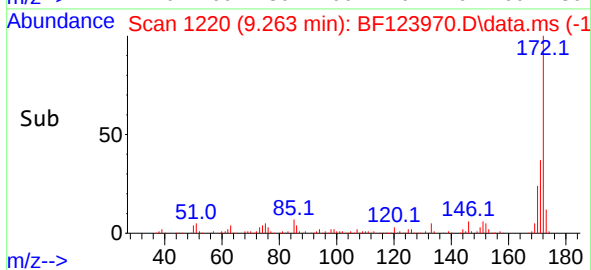
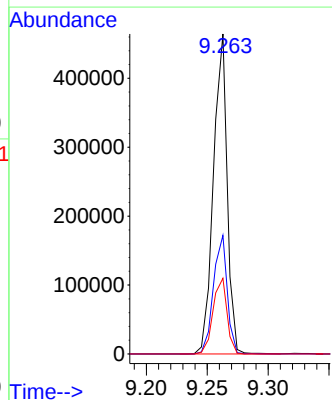
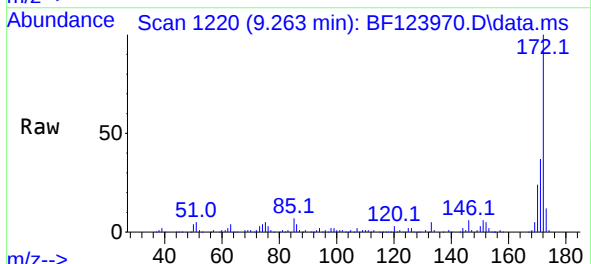


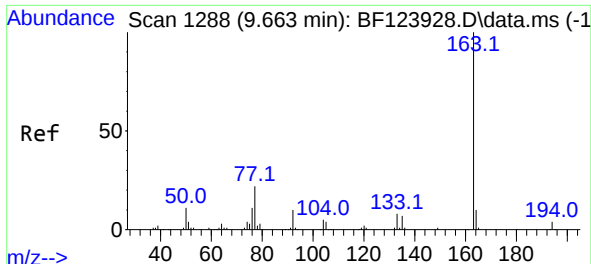
Tgt Ion: 330 Resp: 98956
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 37.6 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 52.57 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion: 172 Resp: 365367
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.7 19.2 28.8

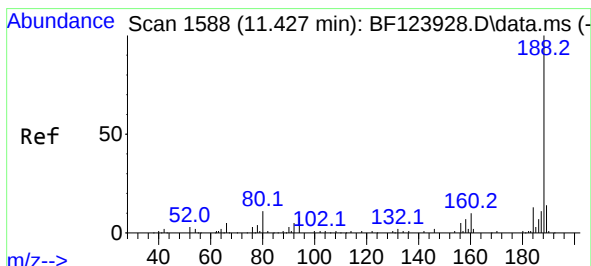
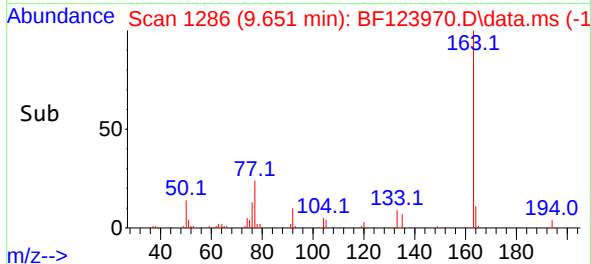
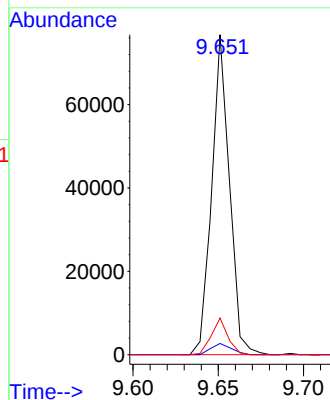
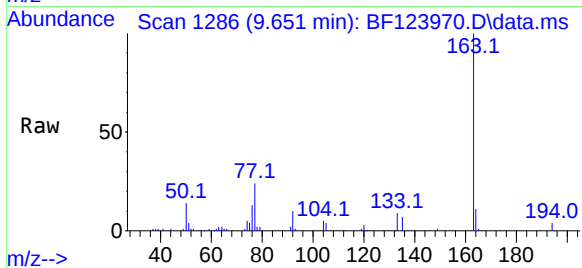




#50
Dimethylphthalate
Concen: 8.13 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

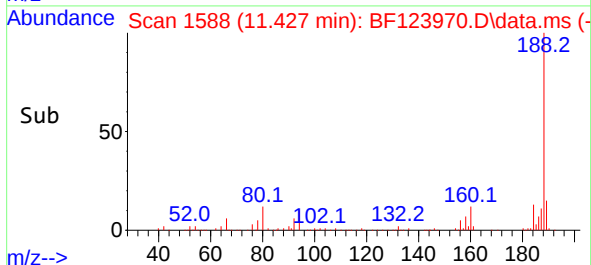
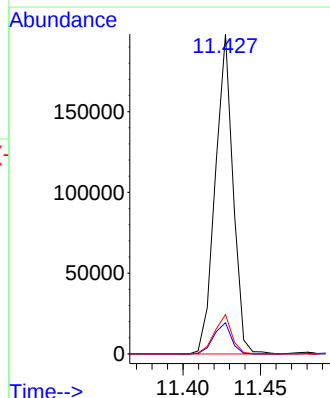
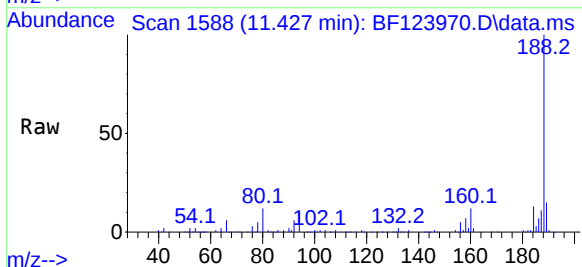
Instrument :
BNA_F
ClientSampleId :
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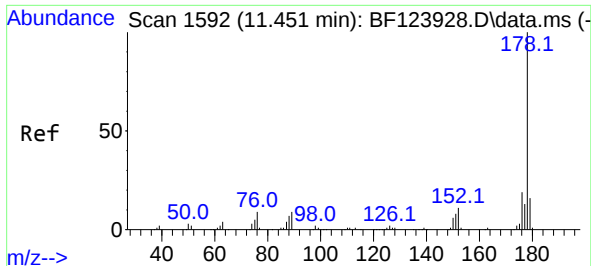
Tgt Ion:163 Resp: 55506
Ion Ratio Lower Upper
163 100
194 3.5 3.1 4.7
164 11.4 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion:188 Resp: 157678
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 12.3 8.2 12.2#

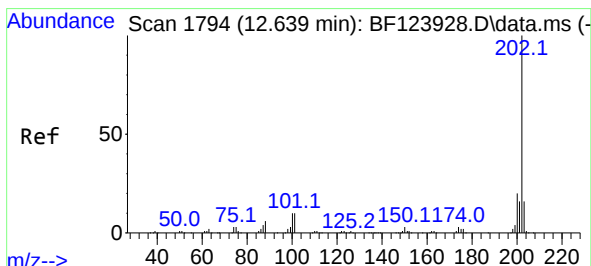
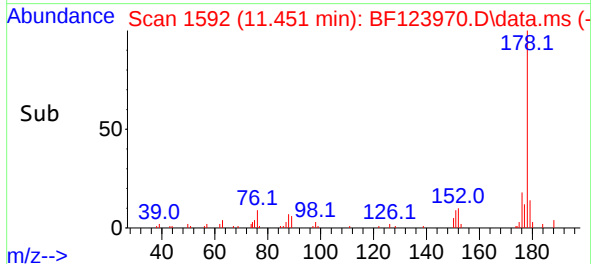
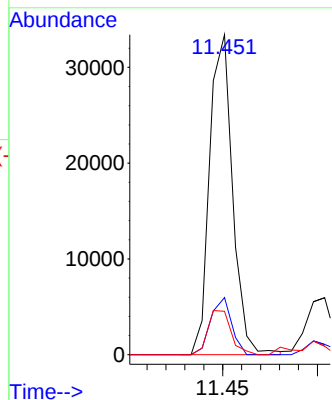
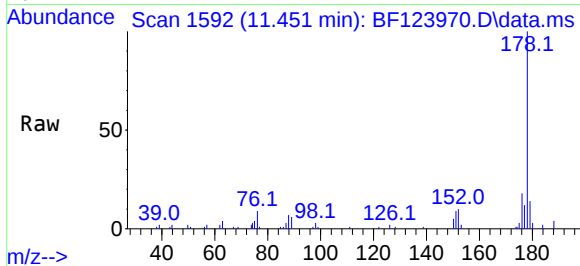




#71
Phenanthrene
Concen: 2.82 ng
RT: 11.451 min Scan# 1592
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

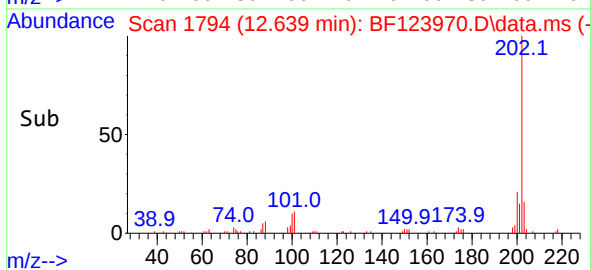
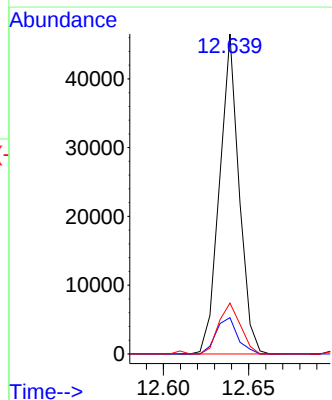
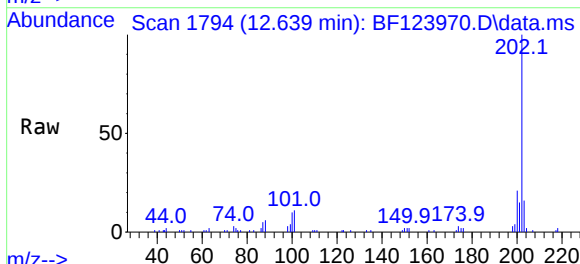
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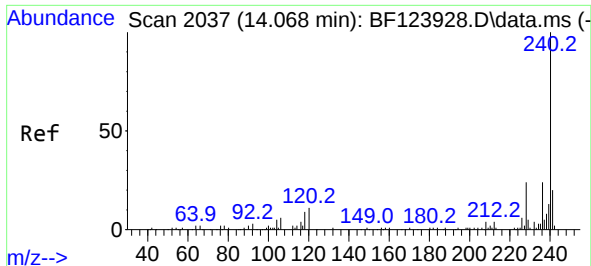
Tgt Ion:	178	Resp:	28203
Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.6	23.4
179	13.6	12.5	18.7



#75
Fluoranthene
Concen: 3.59 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion:	202	Resp:	37100
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	30.9
203	15.9	0.0	37.5

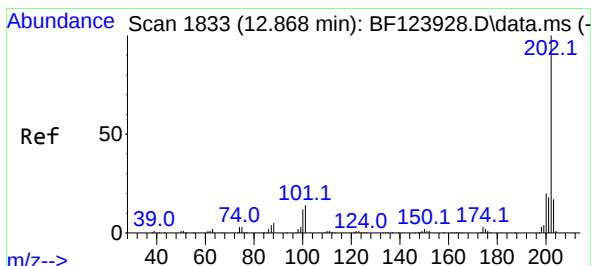
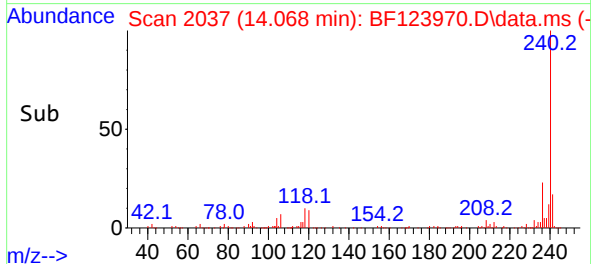
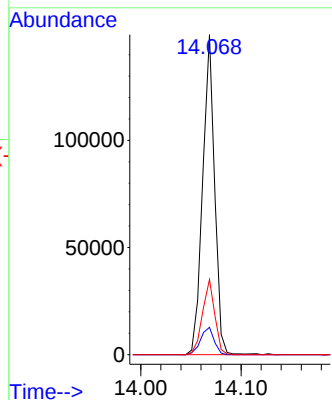
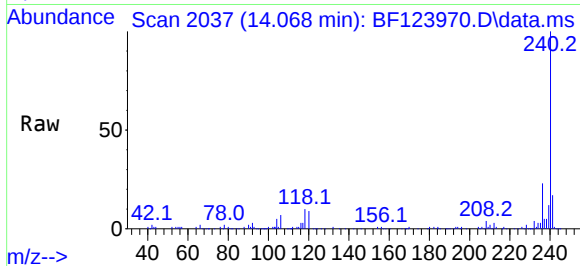




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

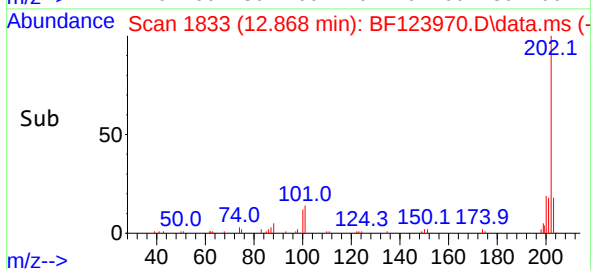
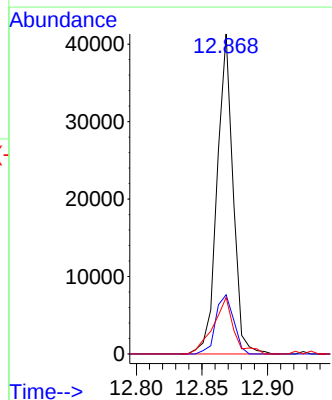
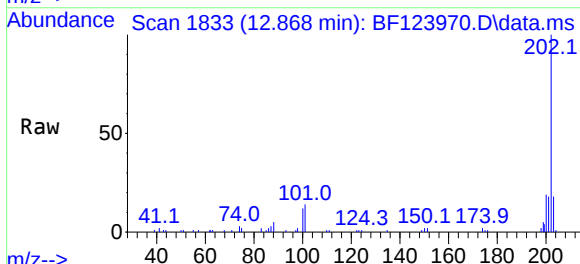
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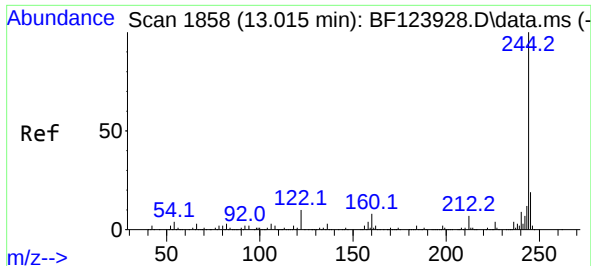
Tgt Ion:240 Resp: 124370
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 23.5 19.0 28.4



#78
Pyrene
Concen: 3.15 ng
RT: 12.868 min Scan# 1833
Delta R.T. 0.000 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Tgt Ion:202 Resp: 34796
Ion Ratio Lower Upper
202 100
200 18.5 16.1 24.1
203 17.7 14.8 22.2

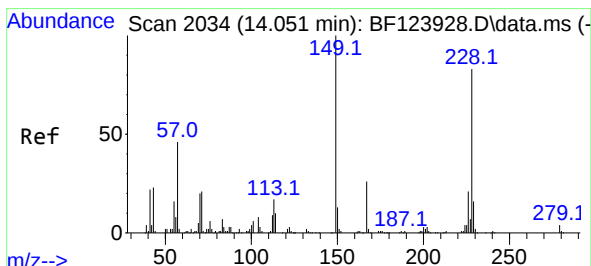
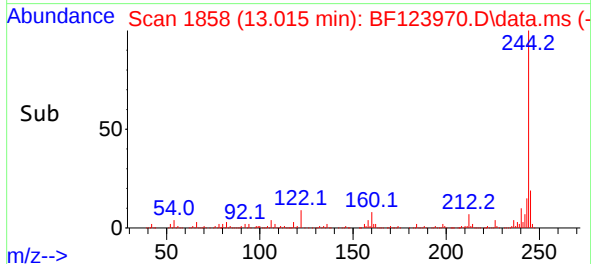
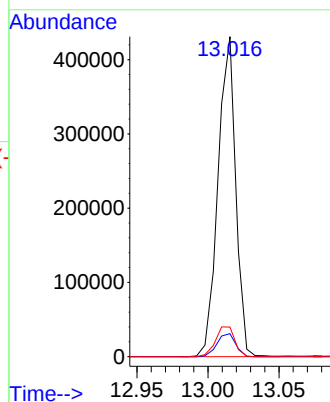
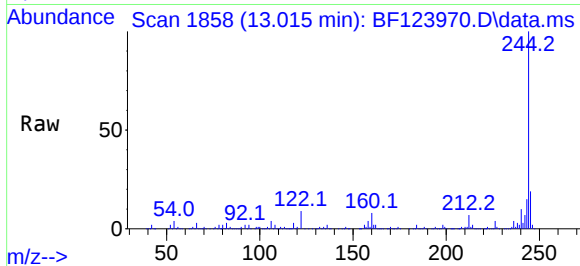




#79
 Terphenyl-d14
 Concen: 45.53 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: BF123970.D
 Acq: 17 May 2021 18:49

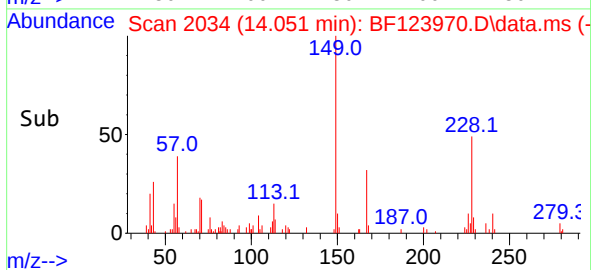
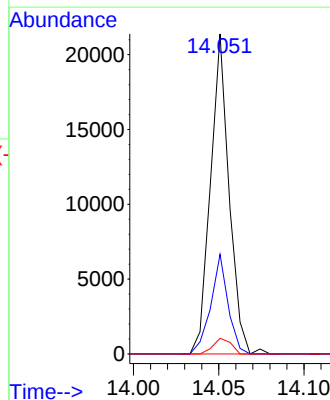
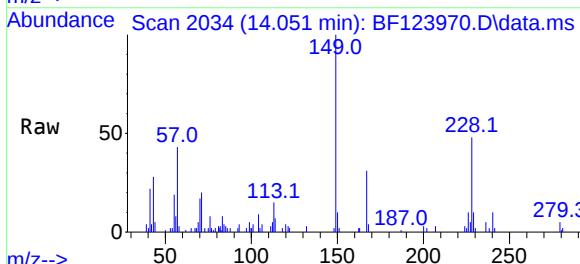
Instrument :
 BNA_F
 ClientSampleId :
 124027

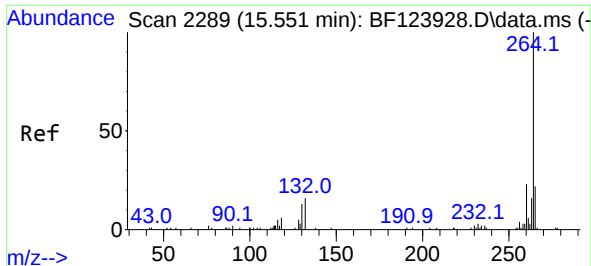
Tgt Ion:244 Resp: 373901
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.2 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.65 ng
 RT: 14.051 min Scan# 2034
 Delta R.T. 0.000 min
 Lab File: BF123970.D
 Acq: 17 May 2021 18:49

Tgt Ion:149 Resp: 16211
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.8 32.6
 279 4.9 3.3 4.9





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123970.D
Acq: 17 May 2021 18:49

Instrument :
BNA_F
ClientSampleId :
124027

Tgt Ion:264	Resp:	123022
Ion	Ratio	Lower Upper
264	100	
260	22.4	18.7 28.1
265	20.5	17.8 26.8

