

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020921\
 Data File : BF123167.D
 Acq On : 9 Feb 2021 16:28
 Operator : JU/CG
 Sample : M1341-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26572

Quant Time: Feb 09 17:47:51 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 12:29:00 2021
 Response via : Initial Calibration

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

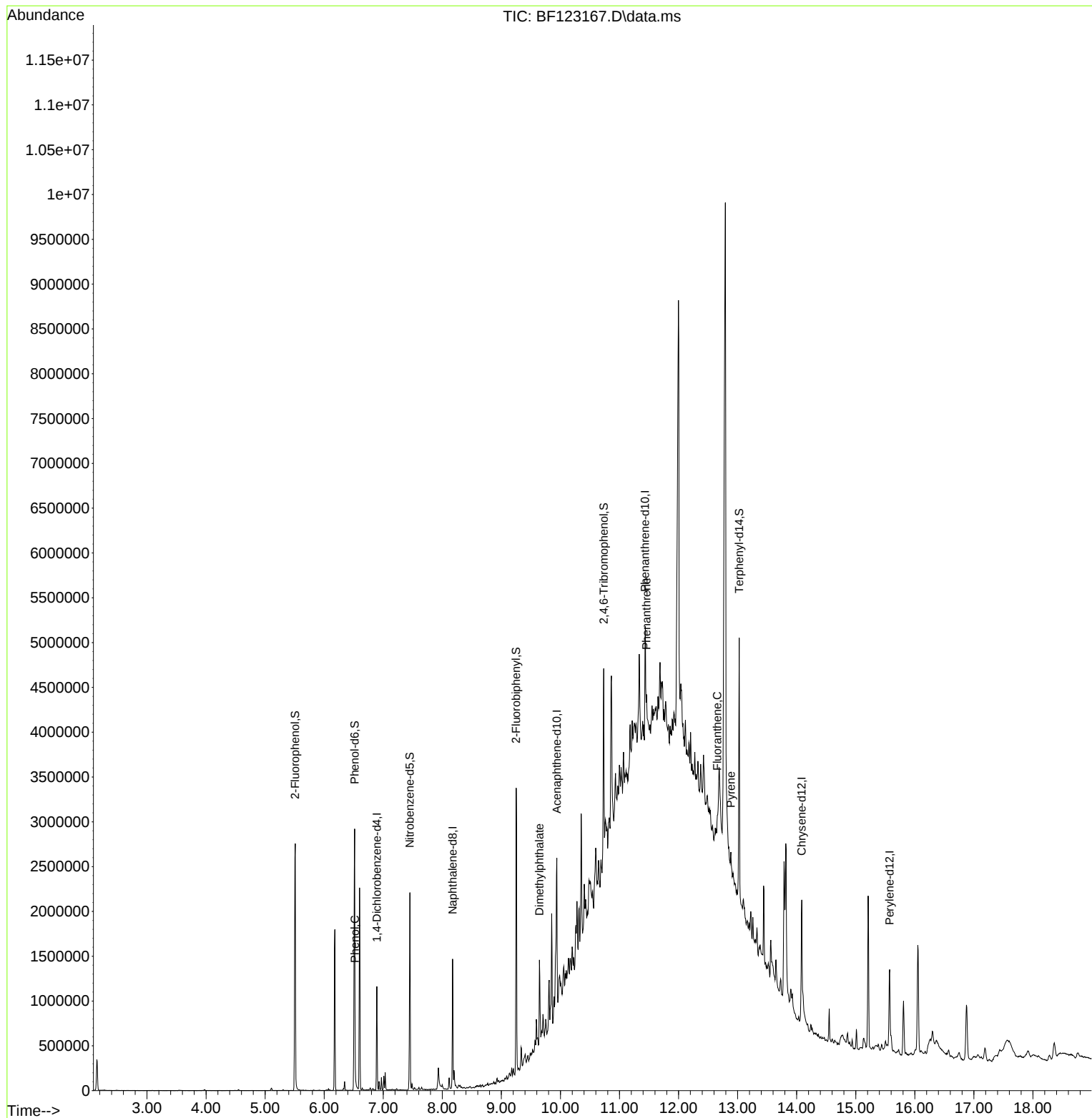
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	156947	20.00	ng	0.00
21) Naphthalene-d8	8.175	136	617612	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	315066	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	497690	20.00	ng	# 0.00
76) Chrysene-d12	14.086	240	427239	20.00	ng	0.00
86) Perylene-d12	15.574	264	430257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	877057	86.20	ng	0.00
7) Phenol-d6	6.516	99	1081710	78.44	ng	0.00
23) Nitrobenzene-d5	7.451	82	673253	54.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	330398	96.60	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1017239	48.00	ng	-0.01
79) Terphenyl-d14	13.027	244	934119	42.96	ng	0.00
Target Compounds						
10) Phenol	6.522	94	42627	3.12	ng	Qvalue 82
50) Dimethylphthalate	9.645	163	61062	2.47	ng	# 76
71) Phenanthrene	11.457	178	97343	3.15	ng	# 74
75) Fluoranthene	12.657	202	93665	3.03	ng	93
78) Pyrene	12.886	202	83101	2.58	ng	# 95

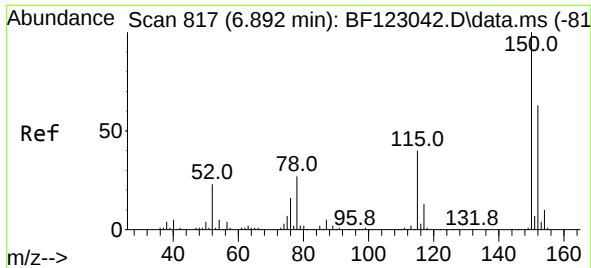
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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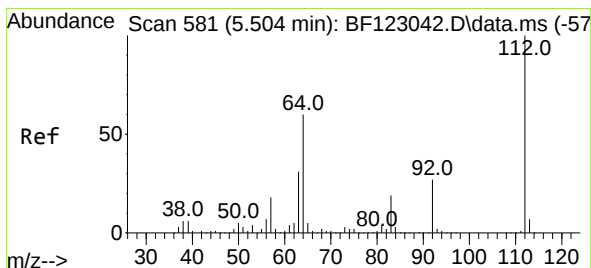
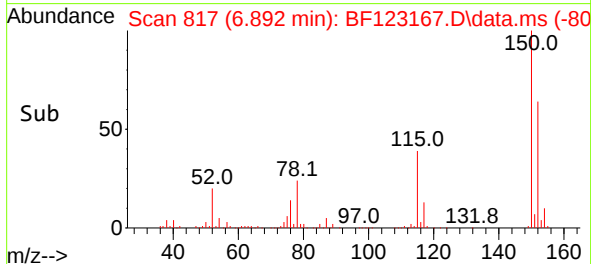
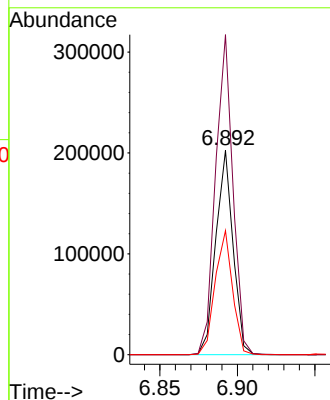
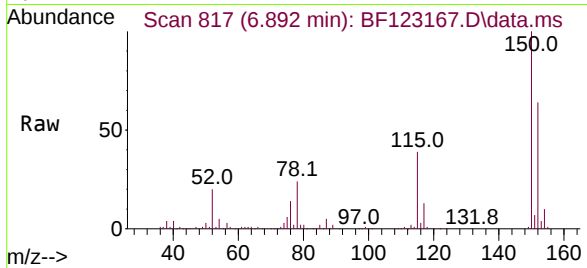




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

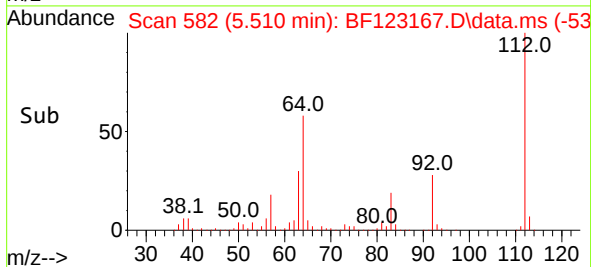
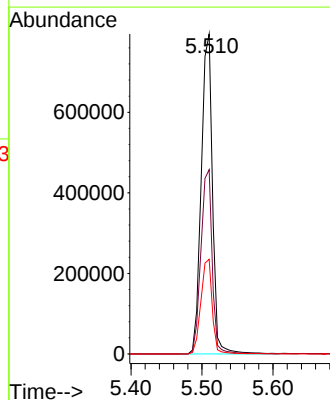
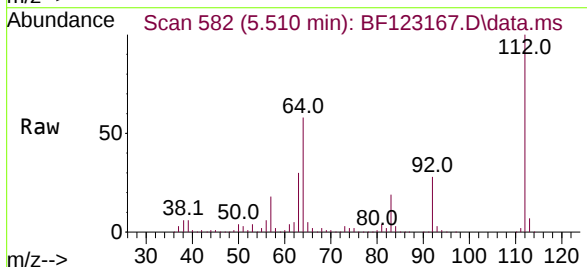
Instrument :
BNA_F
ClientSampleId :
26572

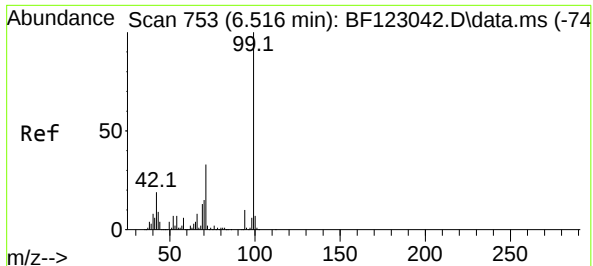
Tgt Ion:152 Resp: 156947
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 60.7 49.3 73.9



#5
2-Fluorophenol
Concen: 86.20 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.006 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion:112 Resp: 877057
Ion Ratio Lower Upper
112 100
64 57.6 46.9 70.3
63 29.6 24.5 36.7

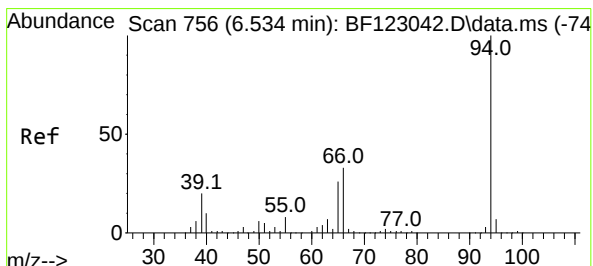
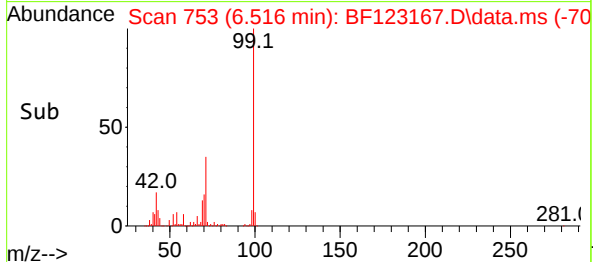
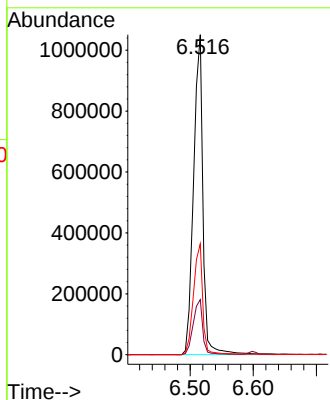
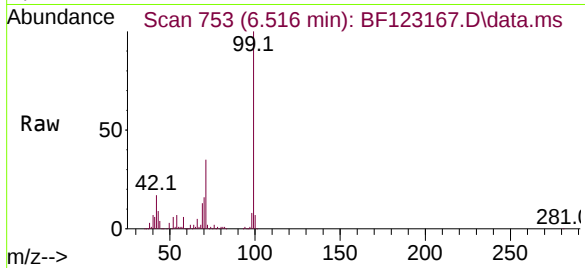




#7
Phenol-d6
Concen: 78.44 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

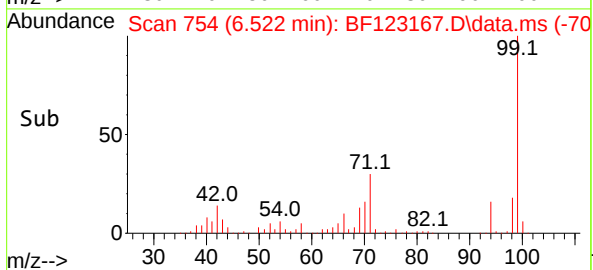
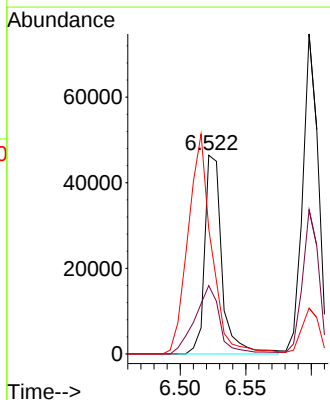
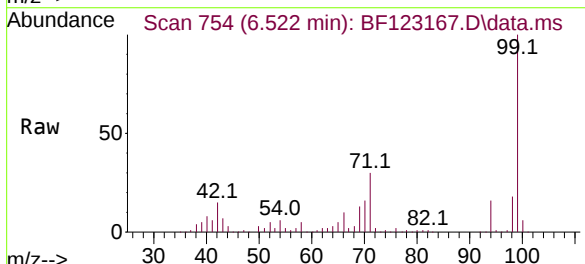
Instrument :
BNA_F
ClientSampleId :
26572

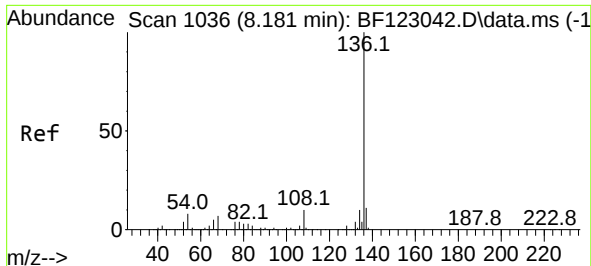
Tgt Ion: 99 Resp: 1081710
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.6
71 34.7 26.9 40.3



#10
Phenol
Concen: 3.12 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion: 94 Resp: 42627
Ion Ratio Lower Upper
94 100
65 34.3 11.2 51.2
66 62.9 25.8 65.8



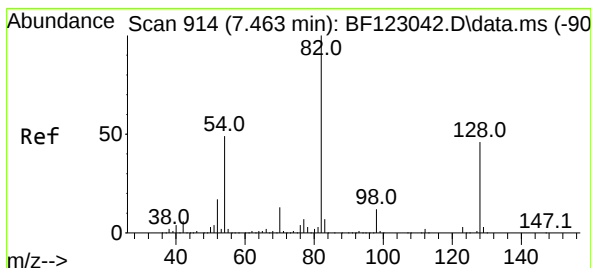
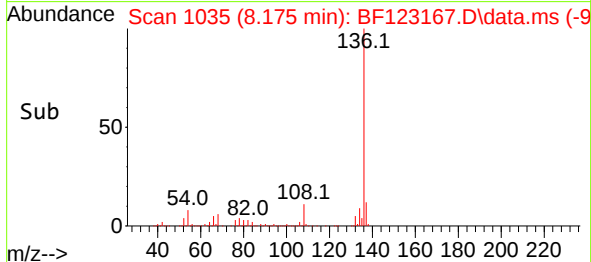
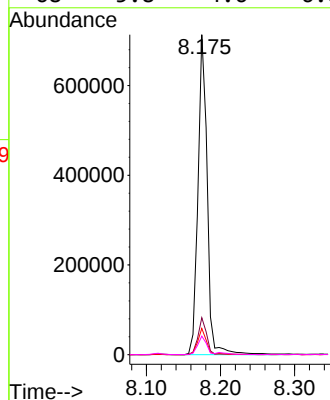
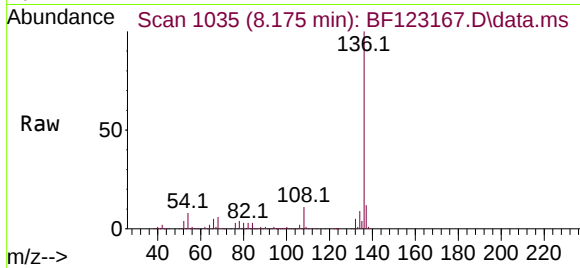


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Instrument :
BNA_F
ClientSampleId :
26572

Tgt Ion:136 Resp: 617612

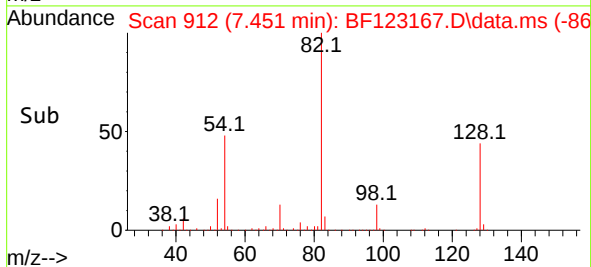
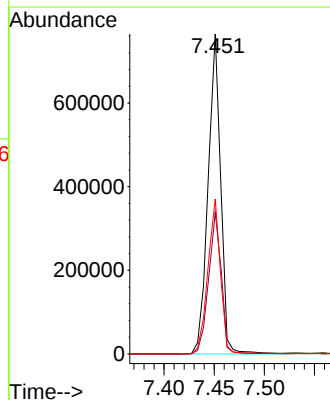
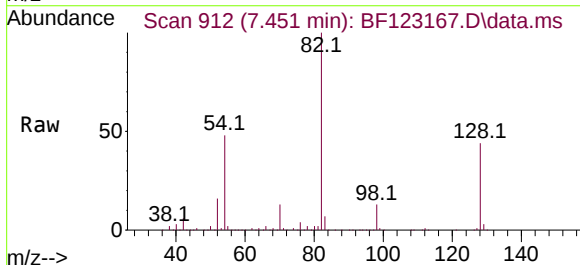
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	8.2	5.5	8.3
68	5.8	4.6	6.8

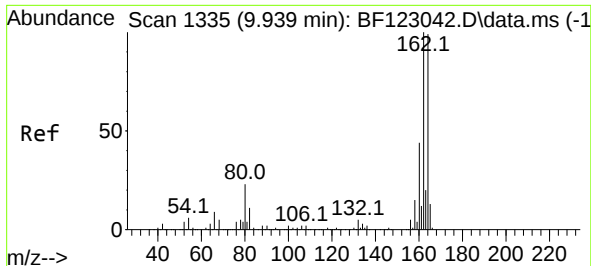


#23
Nitrobenzene-d5
Concen: 54.86 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion: 82 Resp: 673253

Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.4
54	48.4	38.4	57.6





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.000 min

Lab File: BF123167.D

Acq: 9 Feb 2021 16:28

Instrument :

BNA_F

ClientSampleId :

26572

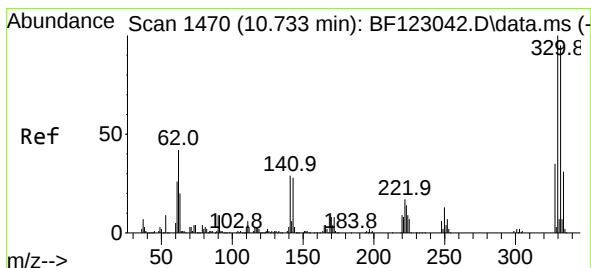
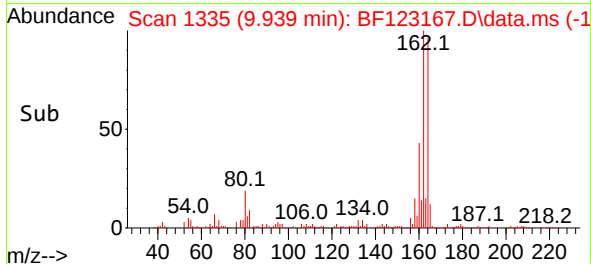
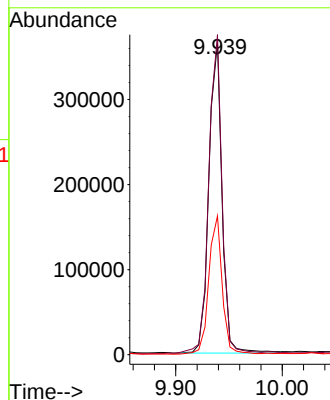
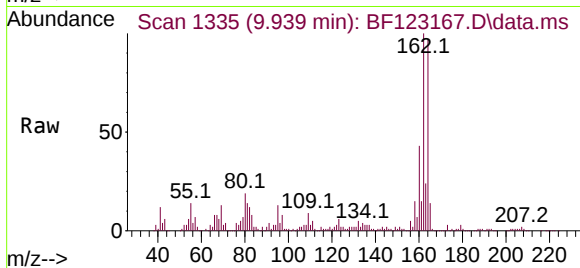
Tgt Ion:164 Resp: 315066

Ion Ratio Lower Upper

164 100

162 102.6 80.8 121.2

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 96.60 ng

RT: 10.733 min Scan# 1470

Delta R.T. -0.000 min

Lab File: BF123167.D

Acq: 9 Feb 2021 16:28

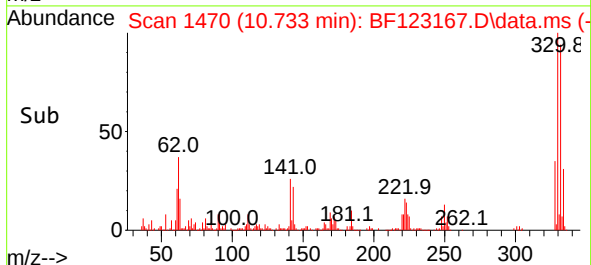
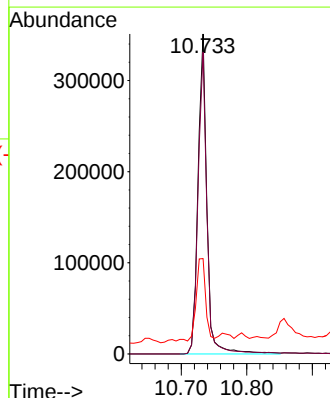
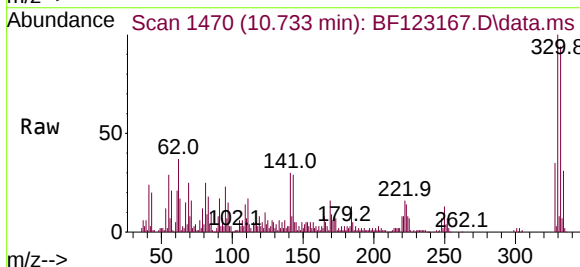
Tgt Ion:330 Resp: 330398

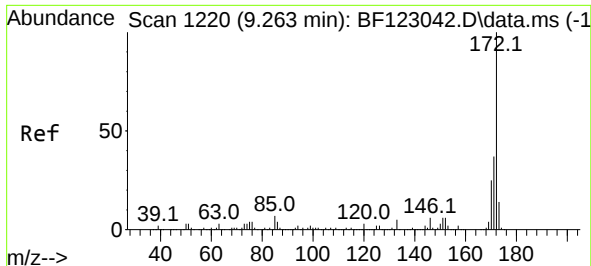
Ion Ratio Lower Upper

330 100

332 94.3 77.5 116.3

141 26.8 23.8 35.8

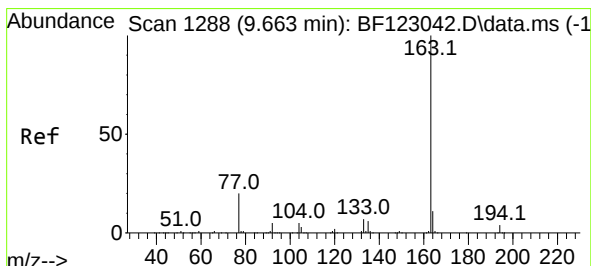
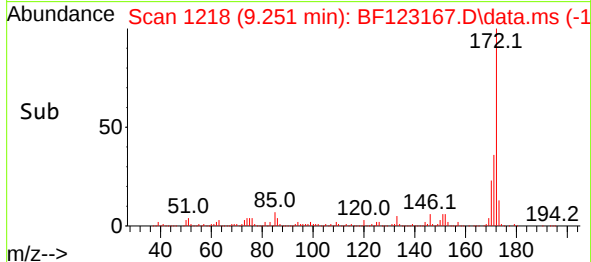
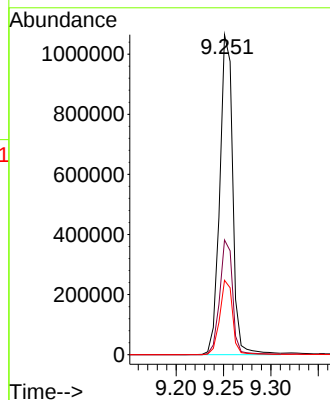
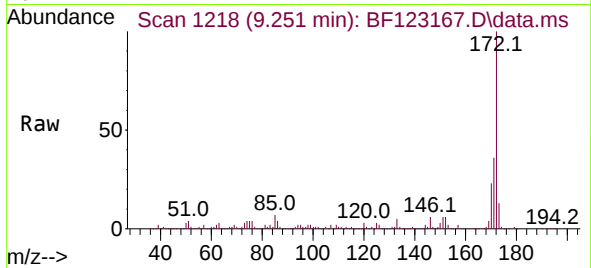




#45
2-Fluorobiphenyl
Concen: 48.00 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

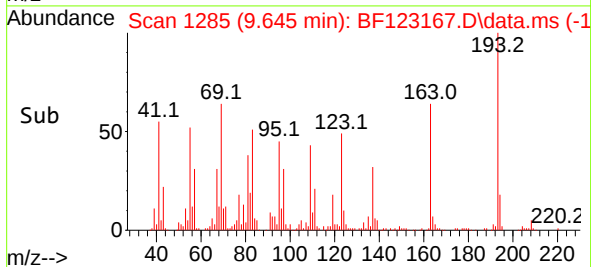
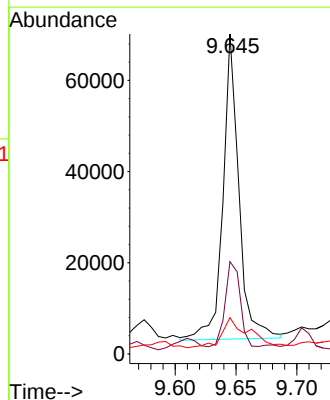
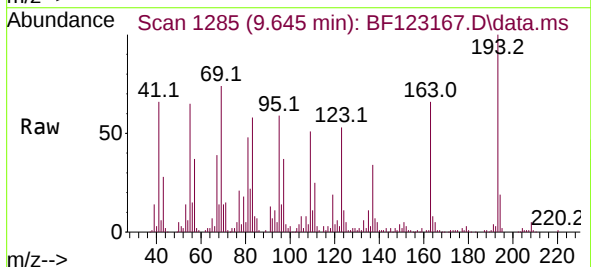
Instrument :
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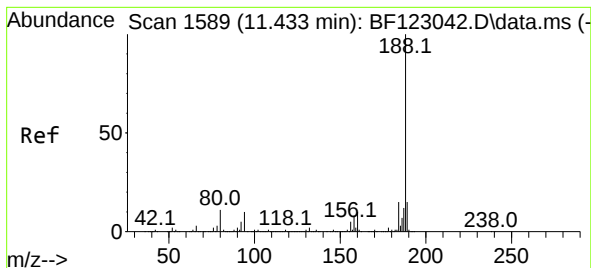
Tgt Ion:172 Resp: 1017239
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.2 19.5 29.3



#50
Dimethylphthalate
Concen: 2.47 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.018 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion:163 Resp: 61062
Ion Ratio Lower Upper
163 100
194 28.8 3.4 5.0#
164 11.3 8.1 12.1

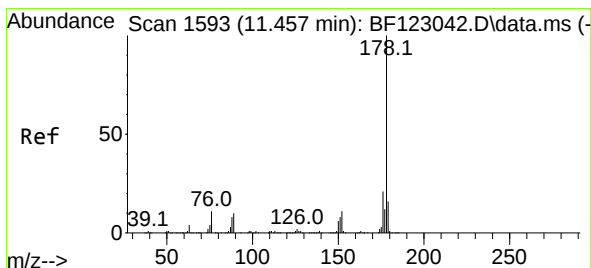
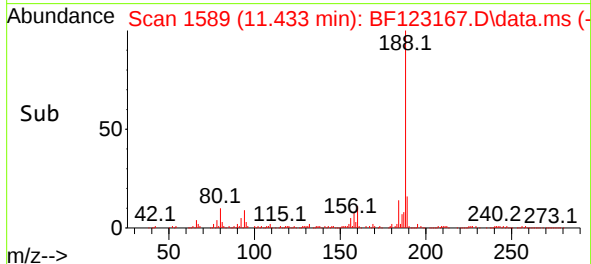
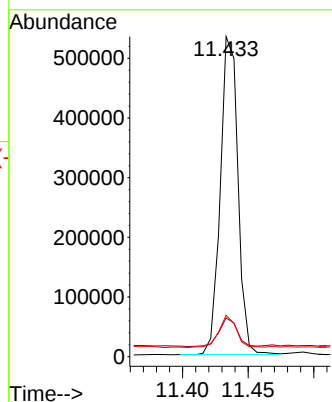
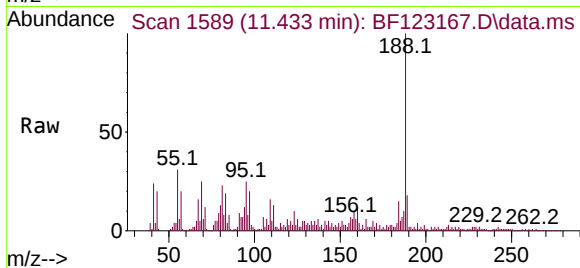




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

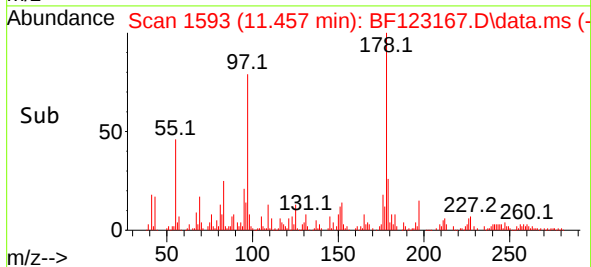
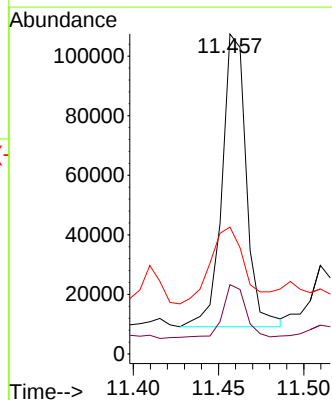
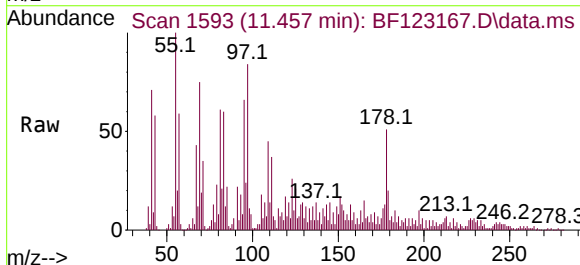
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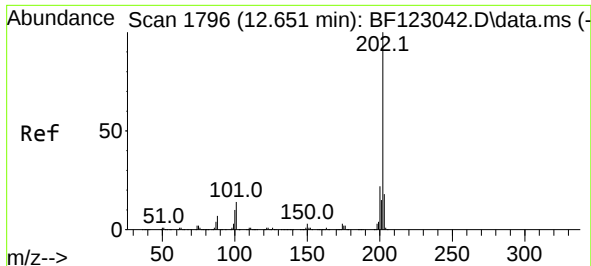
Tgt Ion:188 Resp: 497690
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.9 8.2 12.4#



#71
Phenanthrene
Concen: 3.15 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion:178 Resp: 97343
Ion Ratio Lower Upper
178 100
176 21.6 16.2 24.2
179 39.6 12.7 19.1#

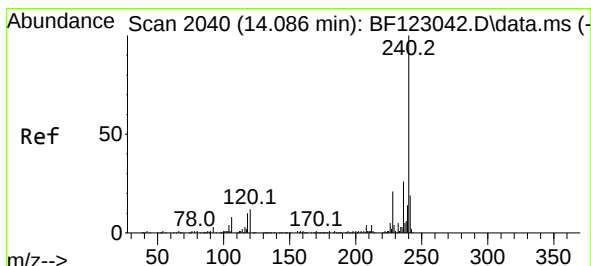
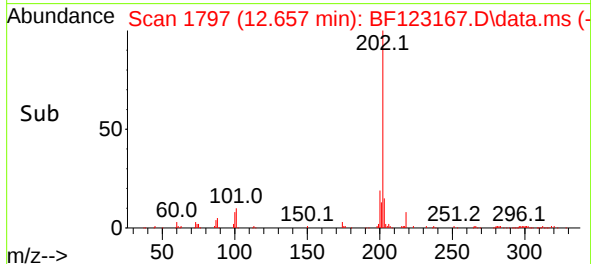
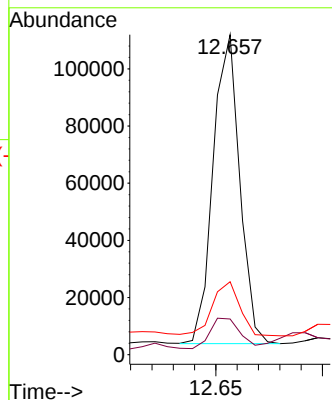
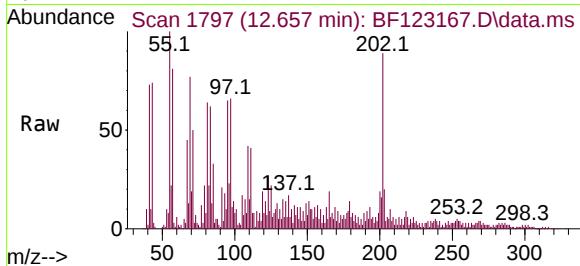




#75
Fluoranthene
Concen: 3.03 ng
RT: 12.657 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

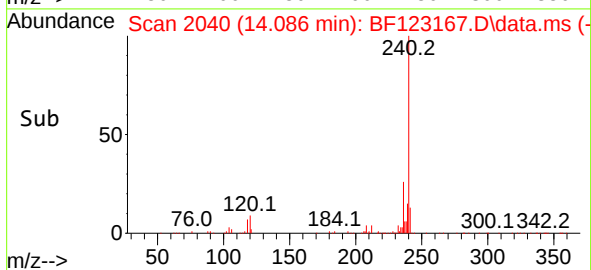
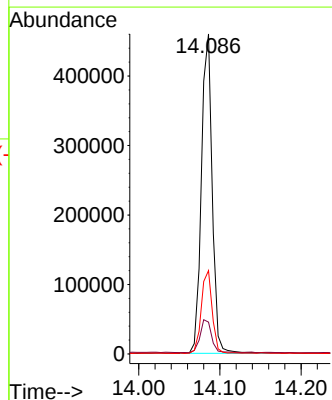
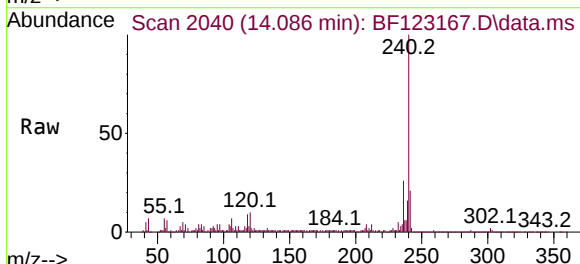
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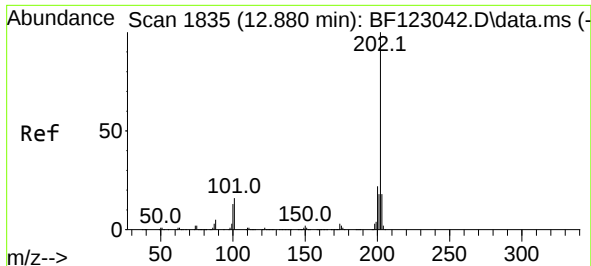
Tgt Ion:202 Resp: 93665
Ion Ratio Lower Upper
202 100
101 11.1 0.0 32.2
203 22.8 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion:240 Resp: 427239
Ion Ratio Lower Upper
240 100
120 10.0 8.6 12.8
236 26.1 20.3 30.5

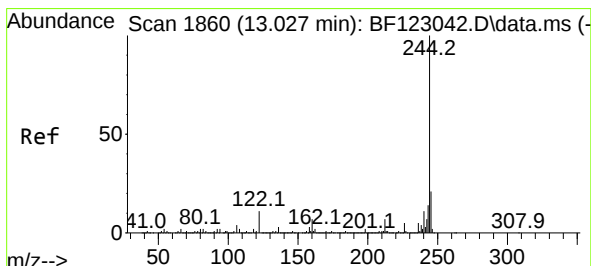
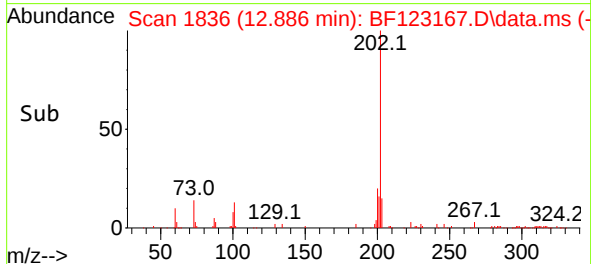
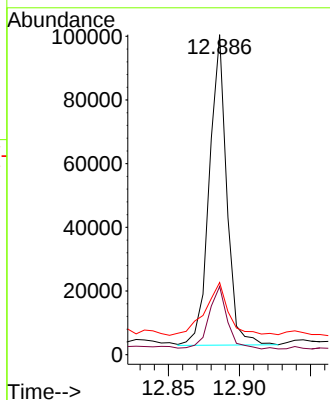
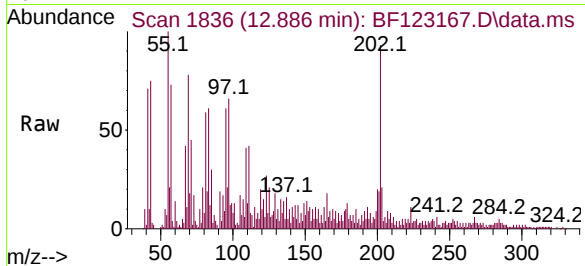




#78
Pyrene
Concen: 2.58 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.006 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

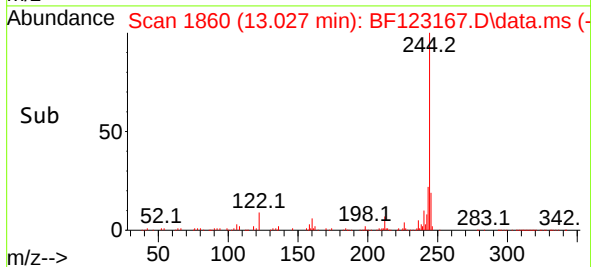
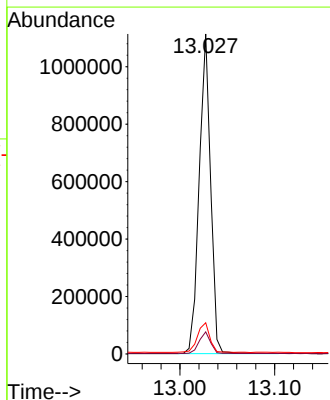
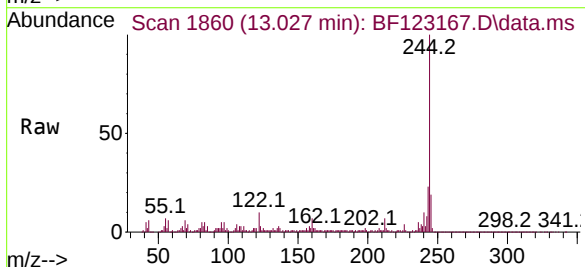
Instrument :
BNA_F
ClientSampleId :
26572

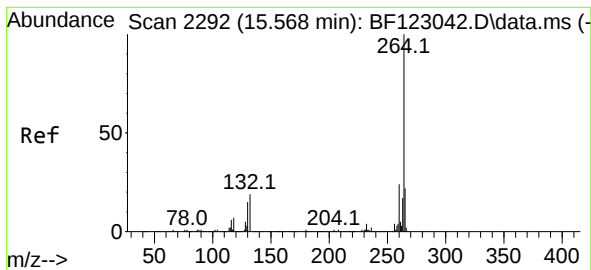
Tgt Ion:202 Resp: 83101
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 22.5 14.6 21.8#



#79
Terphenyl-d14
Concen: 42.96 ng
RT: 13.027 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Tgt Ion:244 Resp: 934119
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.8 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.574 min Scan# 2293
Delta R.T. 0.006 min
Lab File: BF123167.D
Acq: 9 Feb 2021 16:28

Instrument :
BNA_F
ClientSampleId :
26572

Tgt Ion:264 Resp: 430257

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.9	17.0	25.6

