

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128952.D
 Acq On : 23 Jun 2022 13:50
 Operator : CG\JU
 Sample : N3424-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OH-CON-0621

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/24/2022
 Supervised By : Jagrut Upadhyay 06/28/2022

Quant Time: Jun 23 14:34:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 14:30:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	82255	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	301482	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	153752	20.000	ng	0.00
64) Phenanthrene-d10	11.263	188	225954	20.000	ng	# 0.00
76) Chrysene-d12	13.904	240	167429	20.000	ng	# 0.00
86) Perylene-d12	15.351	264	163863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1206	0.234	ng	0.04
7) Phenol-d6	6.404	99	16885	2.679	ng	0.00
23) Nitrobenzene-d5	7.298	82	162346	25.071	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	9.092	172	301523	27.471	ng	0.00
79) Terphenyl-d14	12.845	244	225967	23.452	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.475	202	23913	2.019	ng	97
78) Pyrene	12.704	202	31699	2.545	ng	96
88) Benzo(b)fluoranthene	14.939	252	33978m	3.245	ng	
90) Benzo(a)pyrene	15.292	252	21767	2.645	ng	# 88

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

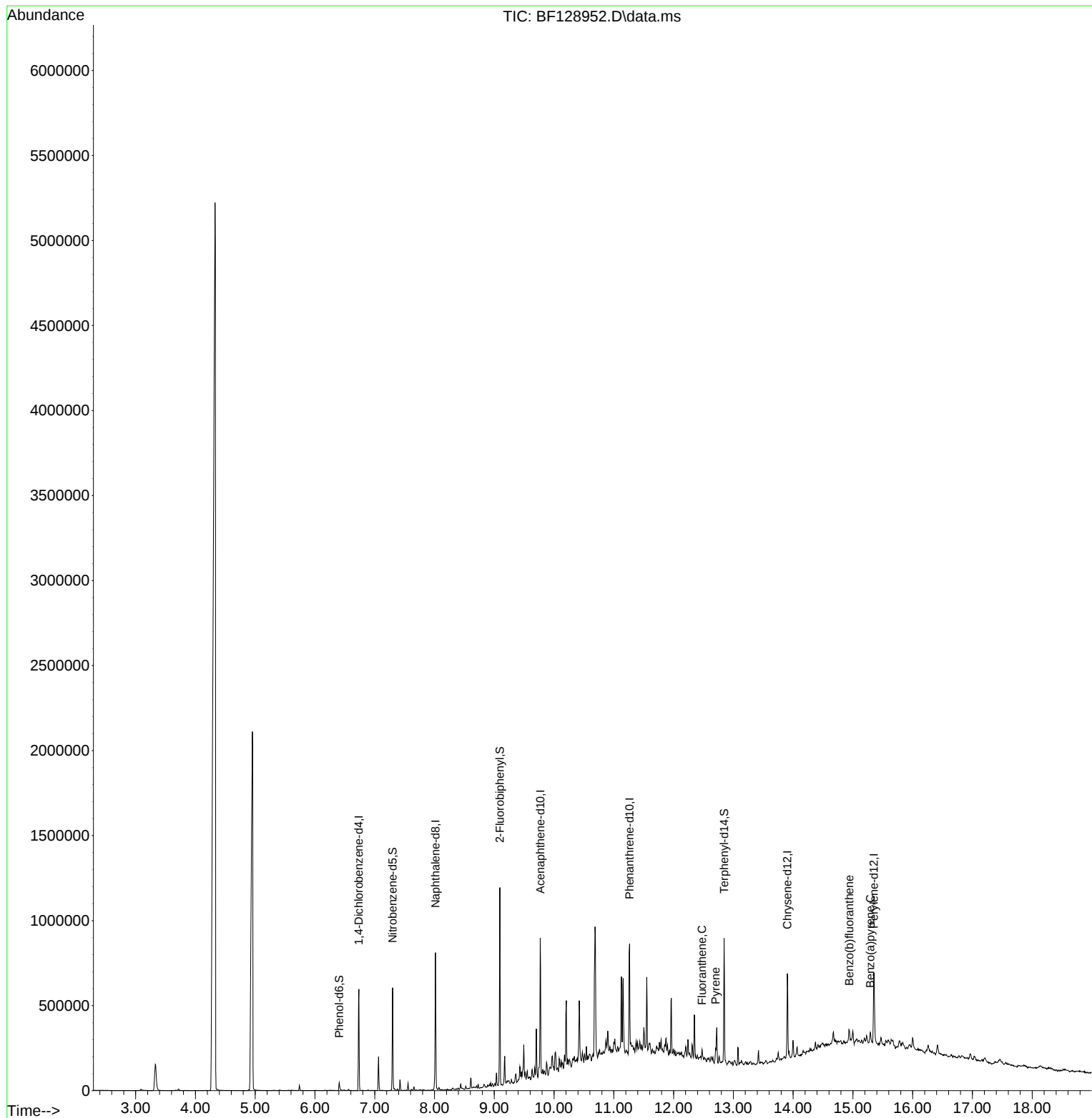
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
Data File : BF128952.D
Acq On : 23 Jun 2022 13:50
Operator : CG\JU
Sample : N3424-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

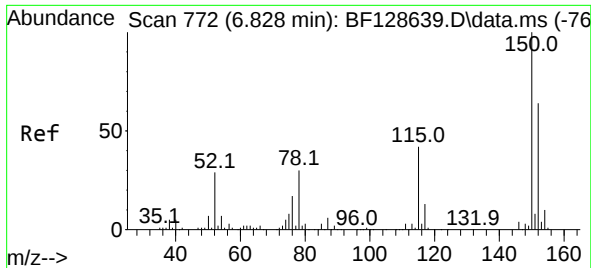
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

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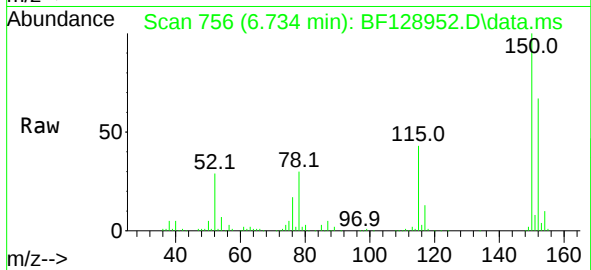
Quant Time: Jun 23 14:34:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 23 14:30:33 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

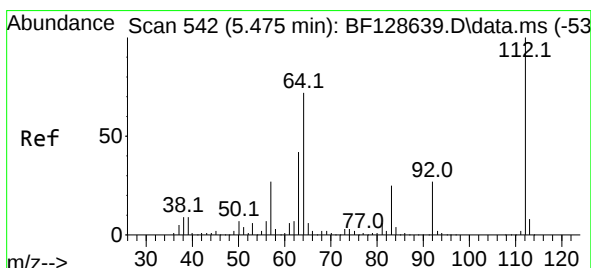
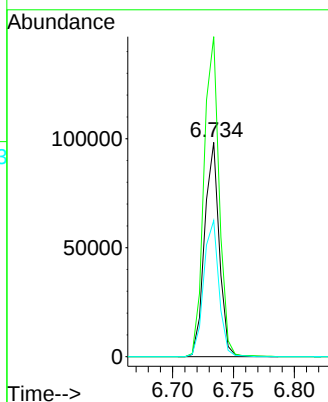
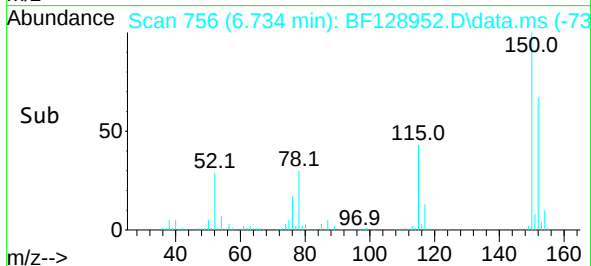
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621



Tgt Ion:152 Resp: 8225
Ion Ratio Lower Upper
152 100
150 149.3 123.7 185.5
115 63.5 49.9 74.9

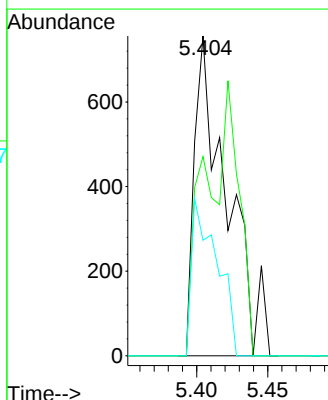
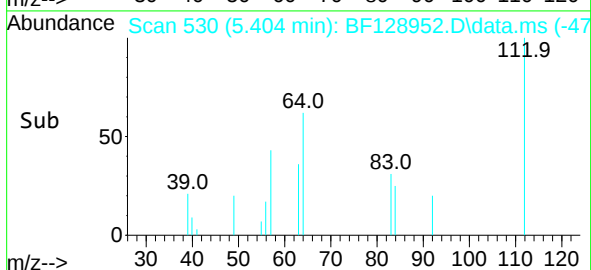
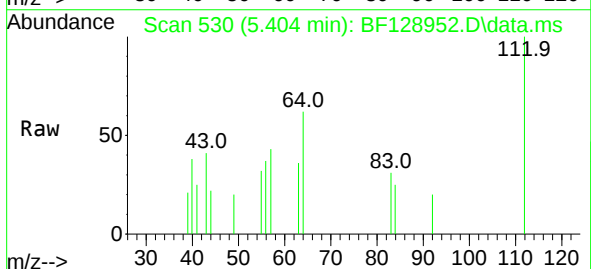
Manual Integrations
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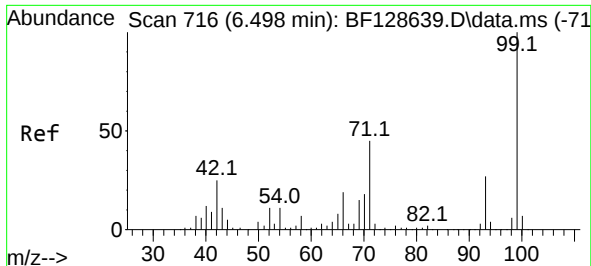
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#5
2-Fluorophenol
Concen: 0.234 ng
RT: 5.404 min Scan# 530
Delta R.T. 0.041 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:112 Resp: 1206
Ion Ratio Lower Upper
112 100
64 62.3 53.3 79.9
63 36.1 28.0 42.0





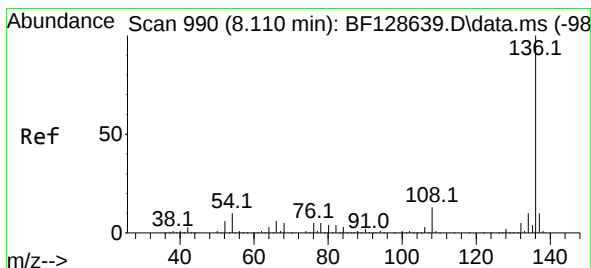
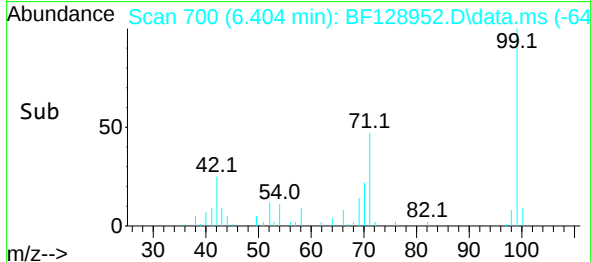
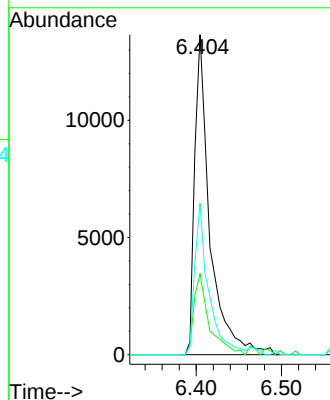
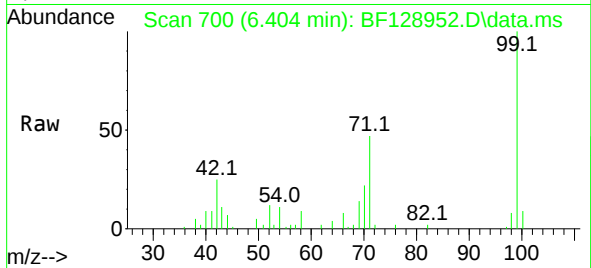
#7
Phenol-d6
Concen: 2.679 ng
RT: 6.404 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Instrument :
BNA_F
ClientSampleId :
OH-CON-0621

Tgt Ion: 99 Resp: 1688
Ion Ratio Lower Upper
99 100
42 25.1 17.3 25.9
71 47.3 28.9 43.3

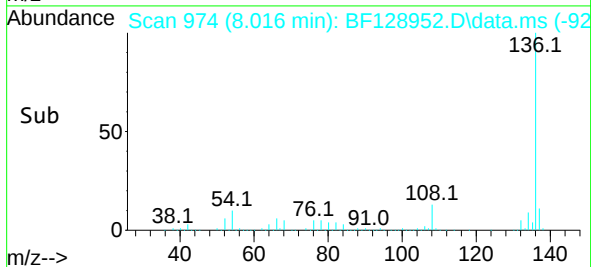
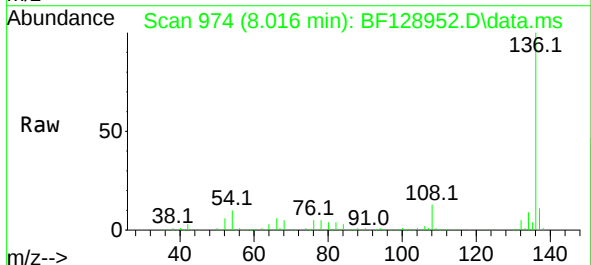
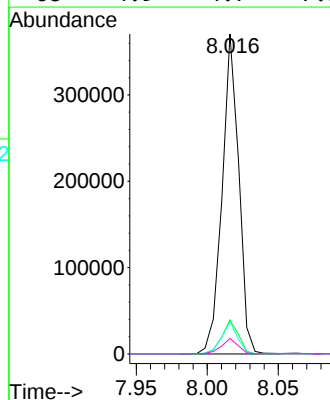
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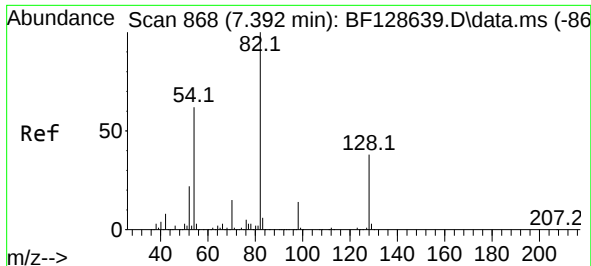
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:136 Resp: 301482
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.1 7.5 11.3
68 4.9 4.7 7.1





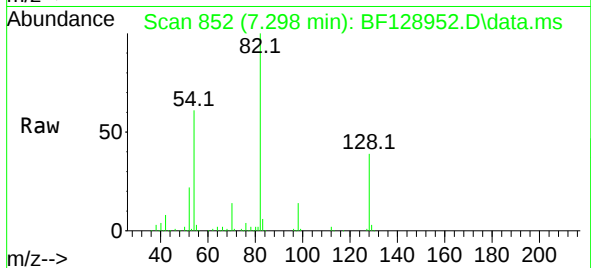
#23
Nitrobenzene-d5
Concen: 25.071 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

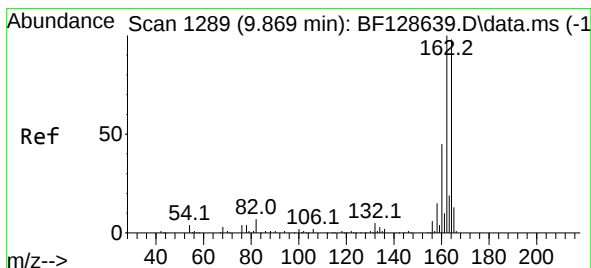
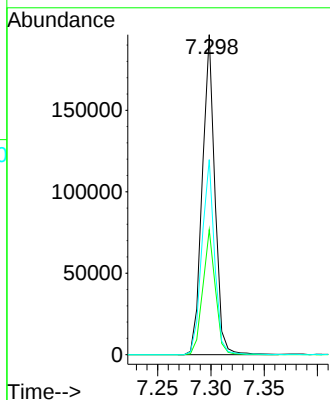
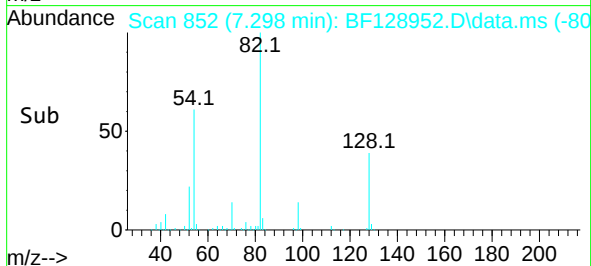
OH-CON-0621



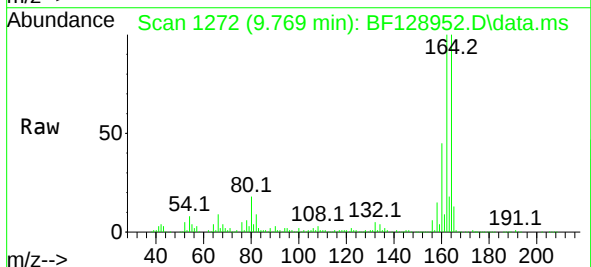
Tgt Ion: 82 Resp: 162340
Ion Ratio Lower Upper
82 100
128 39.0 34.0 51.0
54 60.9 46.9 70.3

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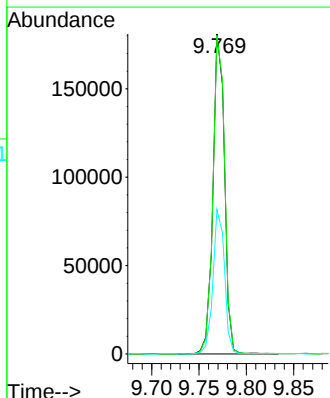
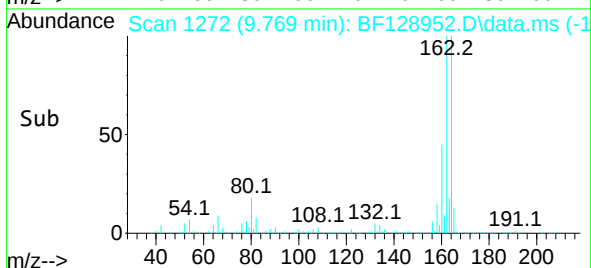
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

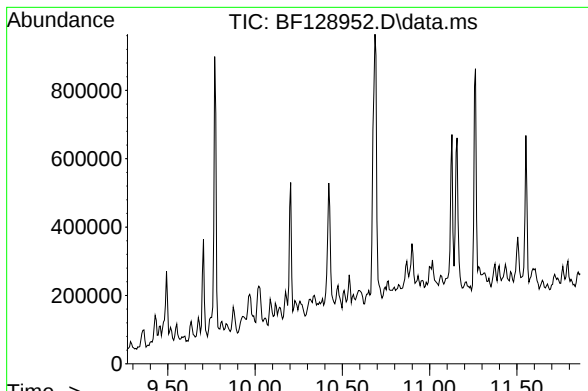


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50



Tgt Ion:164 Resp: 153752
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 45.1 34.2 51.4





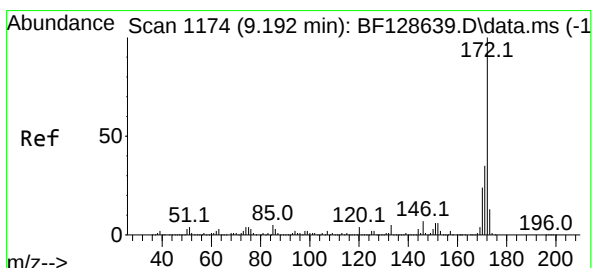
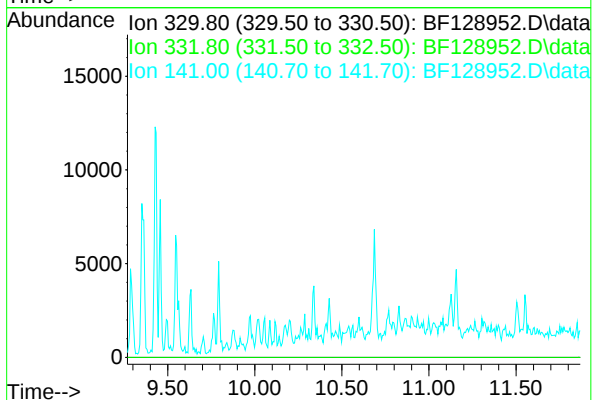
#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.57 min
 Lab File: BF128952.D
 Acq: 23 Jun 2022 13:50

Instrument :
 BNA_F
 ClientSampleId :
 OH-CON-0621

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 35.0

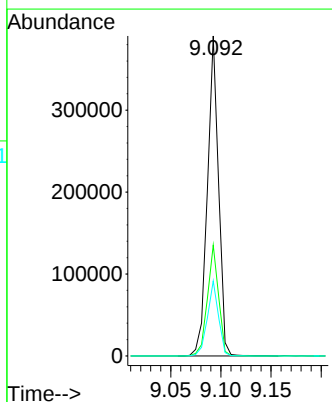
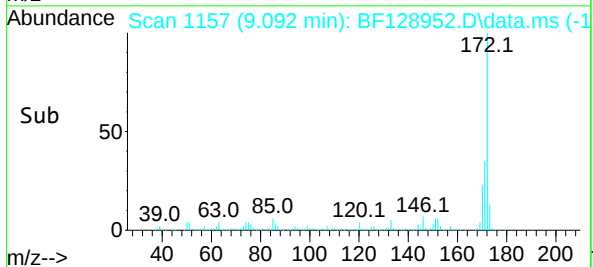
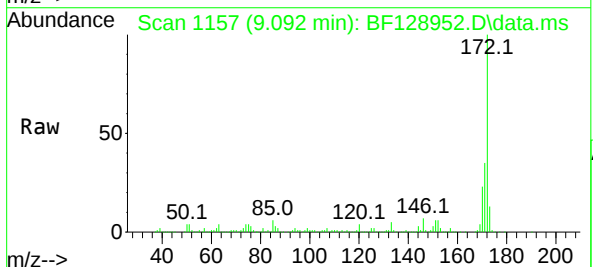
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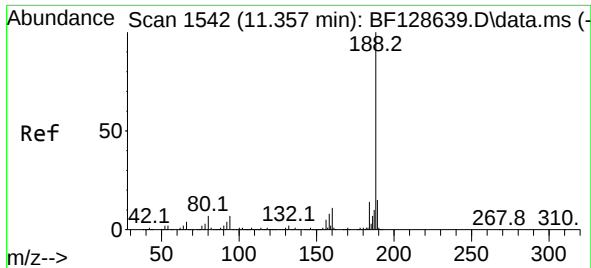
Reviewed By :Christian Giraldo 06/24/2022
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#45
 2-Fluorobiphenyl
 Concen: 27.471 ng
 RT: 9.092 min Scan# 1157
 Delta R.T. -0.006 min
 Lab File: BF128952.D
 Acq: 23 Jun 2022 13:50

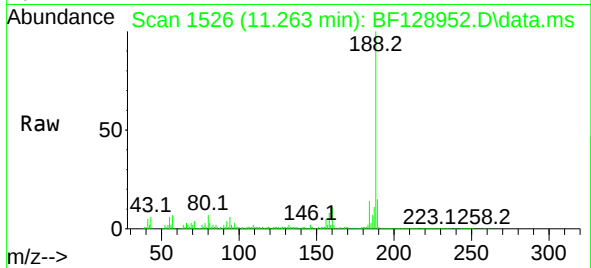
Tgt Ion:172 Resp: 301523
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 23.5 19.8 29.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.263 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

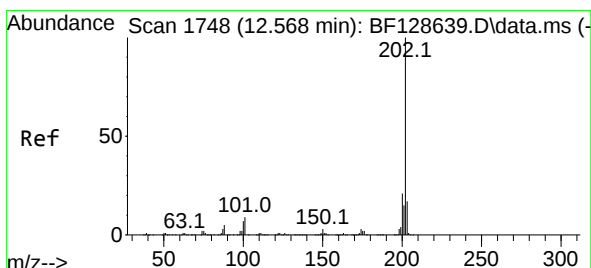
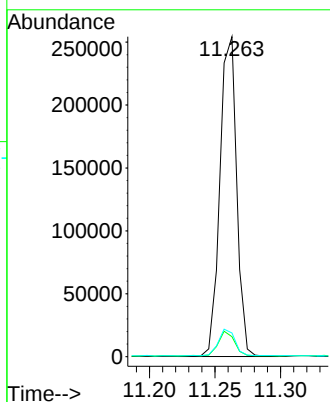
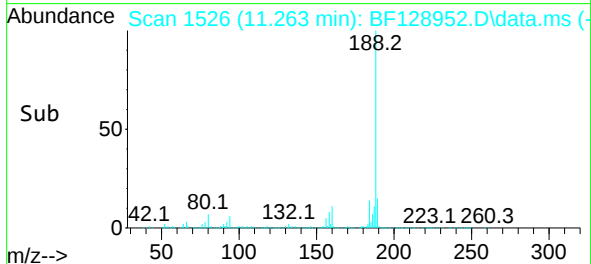
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621



Tgt Ion:188 Resp: 225954
Ion Ratio Lower Upper
188 100
94 6.2 7.0 10.6
80 7.4 7.6 11.4

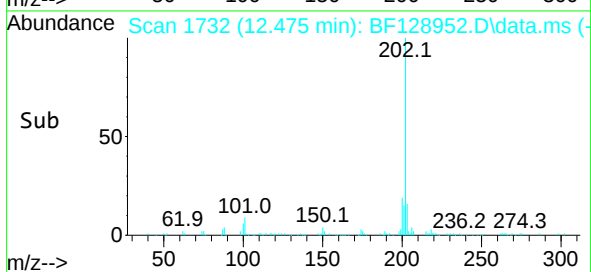
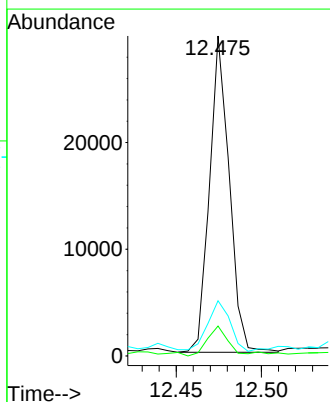
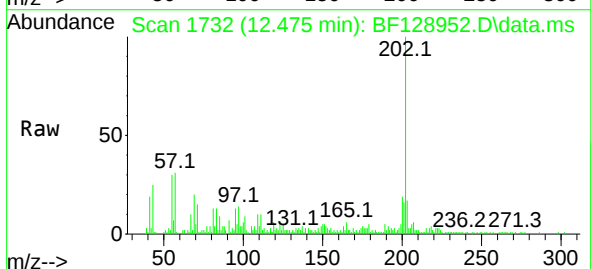
Manual Integrations
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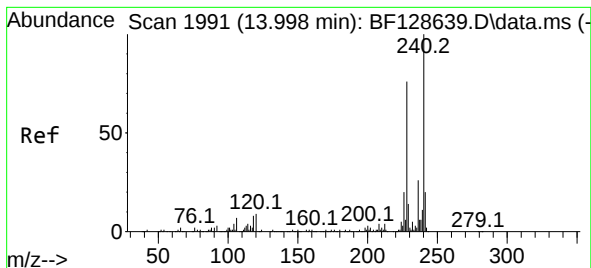
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#75
Fluoranthene
Concen: 2.019 ng
RT: 12.475 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:202 Resp: 23913
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.4
203 17.3 0.0 38.0





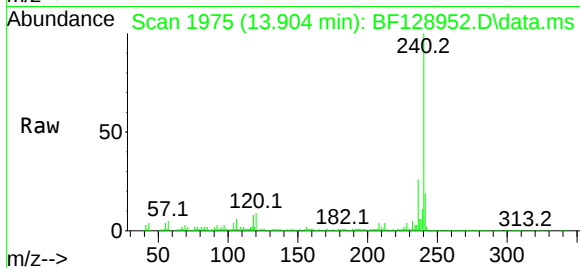
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Instrument :

BNA_F

ClientSampleId :

OH-CON-0621

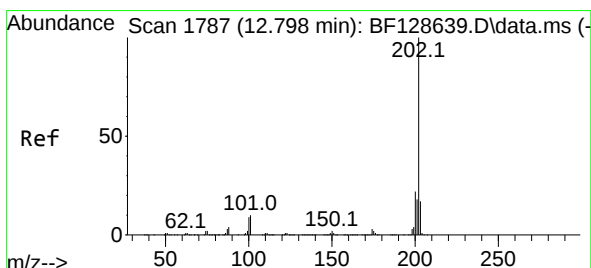
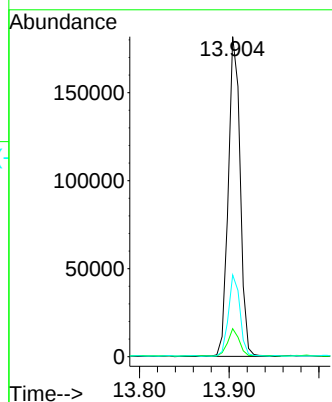
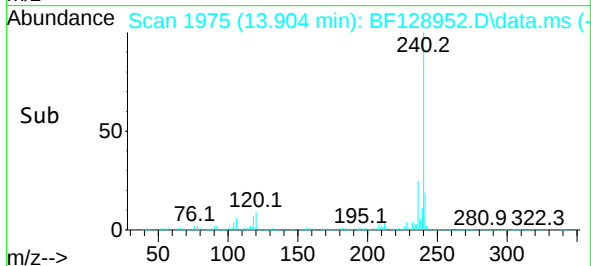


Tgt Ion:240 Resp: 167429
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3
236 25.5 20.8 31.2

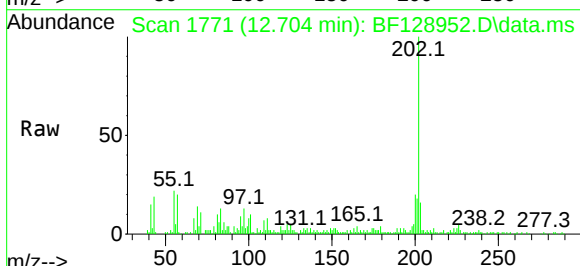
Manual Integrations

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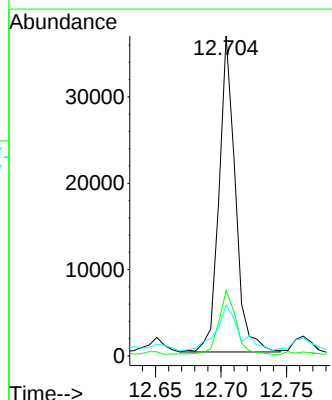
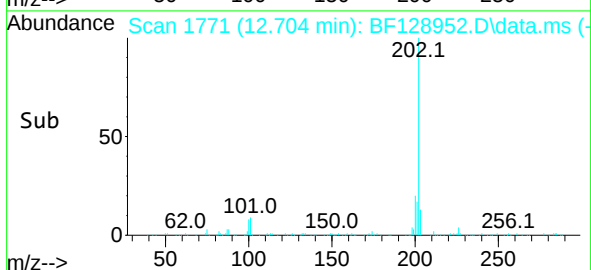
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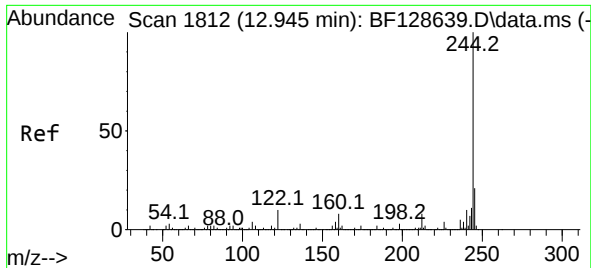


#78
Pyrene
Concen: 2.545 ng
RT: 12.704 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50



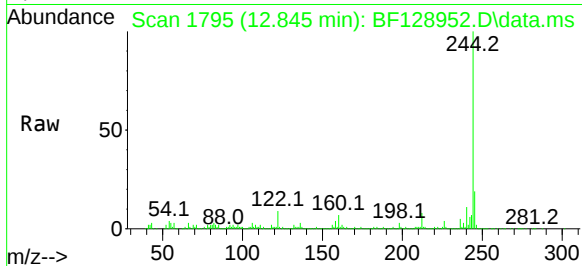
Tgt Ion:202 Resp: 31699
Ion Ratio Lower Upper
202 100
200 20.4 17.7 26.5
203 16.0 14.6 21.8





#79
Terphenyl-d14
Concen: 23.452 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

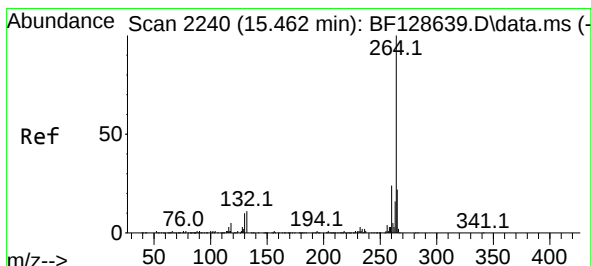
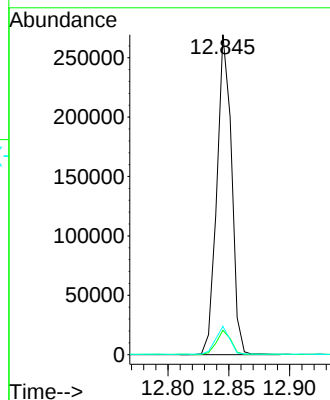
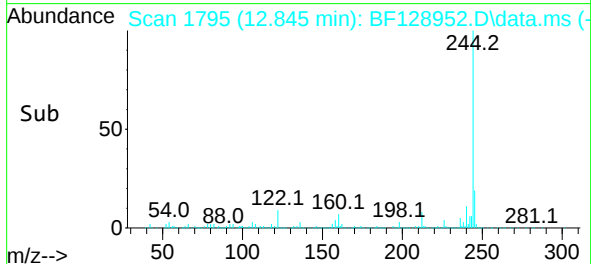
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621



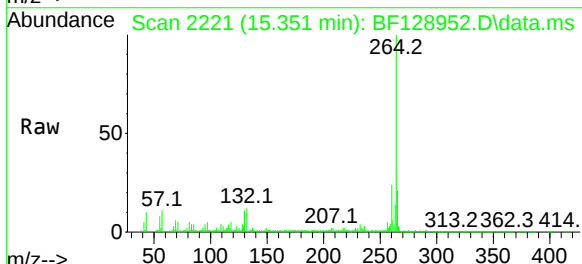
Tgt Ion:244 Resp: 22596
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 8.9 8.8 13.2

Manual Integrations
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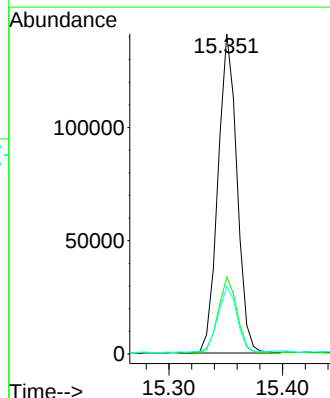
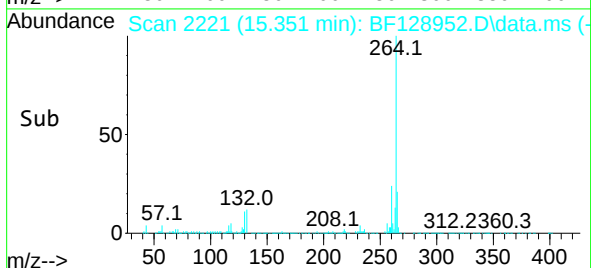
Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022

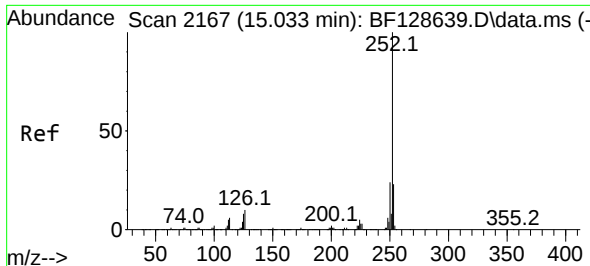


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.351 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50



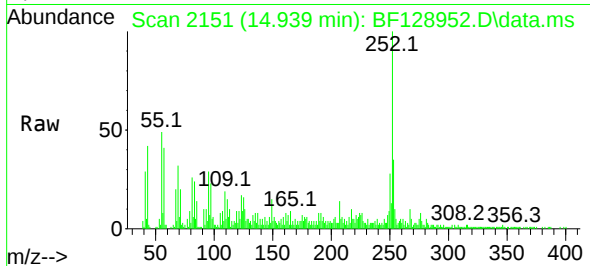
Tgt Ion:264 Resp: 163863
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 21.1 17.2 25.8





#88
Benzo(b)fluoranthene
Concen: 3.245 ng m
RT: 14.939 min Scan# 2167
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

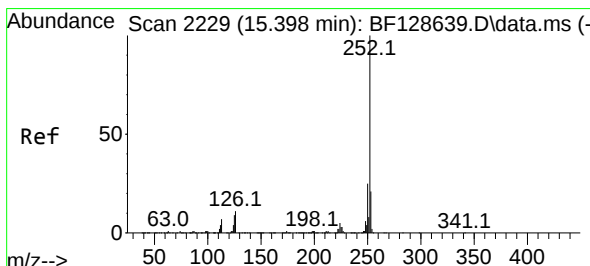
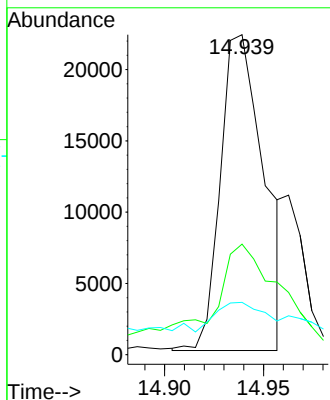
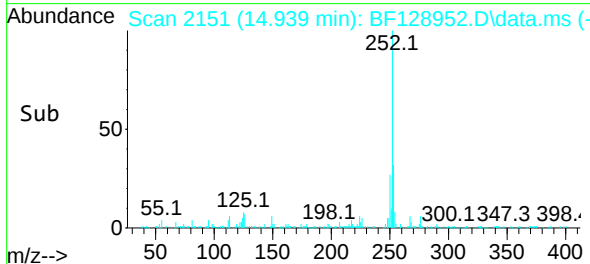
Instrument :
BNA_F
ClientSampleId :
OH-CON-0621



Tgt Ion:252 Resp: 33978
Ion Ratio Lower Upper
252 100
253 34.6 17.7 26.5
125 16.3 8.0 12.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 06/24/2022
Supervised By :Jagrut Upadhyay 06/28/2022



#90
Benzo(a)pyrene
Concen: 2.645 ng
RT: 15.292 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF128952.D
Acq: 23 Jun 2022 13:50

Tgt Ion:252 Resp: 21767
Ion Ratio Lower Upper
252 100
253 24.9 17.0 25.6
125 18.5 8.8 13.2

