

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
 Data File : BF125170.D
 Acq On : 23 Aug 2021 23:27
 Operator : JU/CG
 Sample : M3449-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Manual Integrations
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Quant Time: Aug 24 04:49:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 23 10:15:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	148780	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	562316	20.000	ng	# 0.00
39) Acenaphthene-d10	9.963	164	287280	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	453607	20.000	ng	0.00
76) Chrysene-d12	14.092	240	346544	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	303997	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	871511	88.662	ng	0.00
7) Phenol-d6	6.545	99	1097226	86.309	ng	0.00
23) Nitrobenzene-d5	7.481	82	731281	65.471	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	291772	101.745	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1285695	62.375	ng	0.00
79) Terphenyl-d14	13.033	244	1168661	53.724	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.657	202	87606	3.532	ng	98
78) Pyrene	12.892	202	76949	2.589	ng	97
83) Chrysene	14.115	228	54344	2.201	ng	99
88) Benzo(b)fluoranthene	15.145	252	70498m	3.174	ng	

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

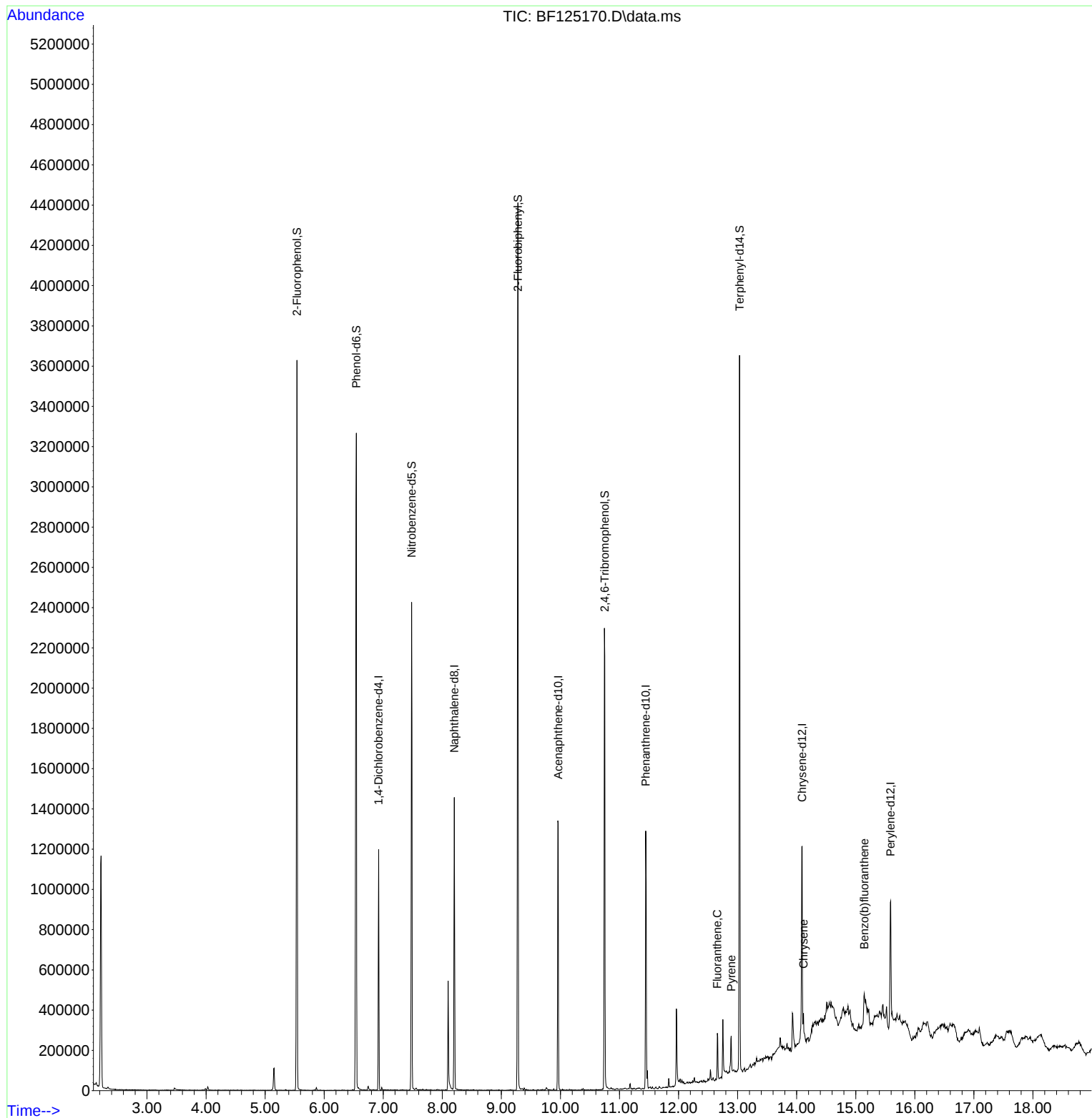
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082321\
Data File : BF125170.D
Acq On : 23 Aug 2021 23:27
Operator : JU/CG
Sample : M3449-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

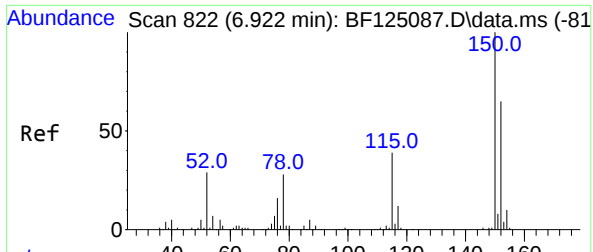
Instrument :
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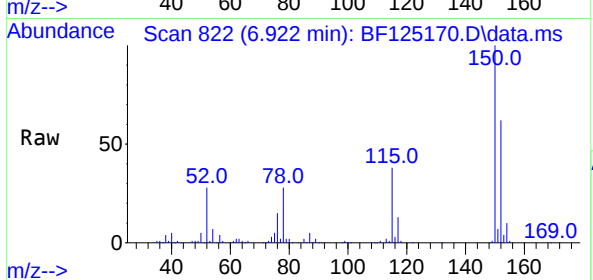
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8/24/2021 11:20:06 AM

Quant Time: Aug 24 04:49:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 23 10:15:49 2021
Response via : Initial Calibration

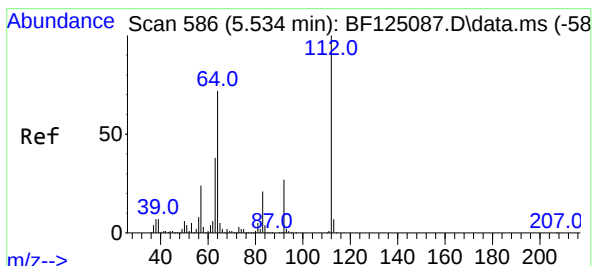
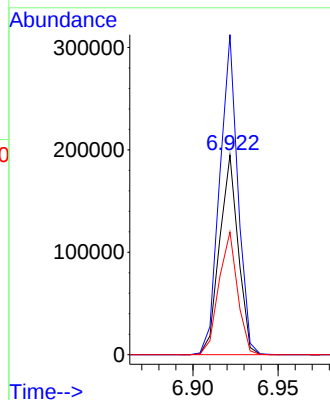
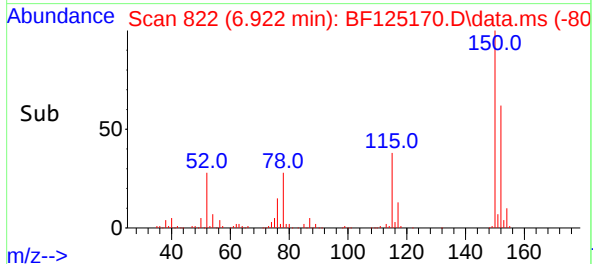




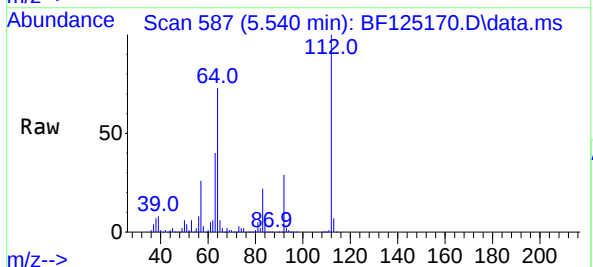
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



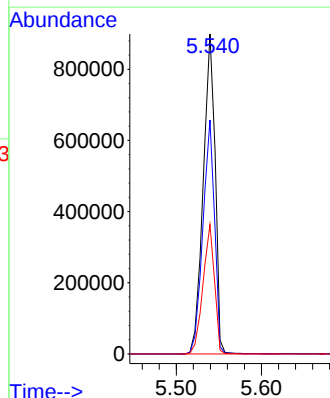
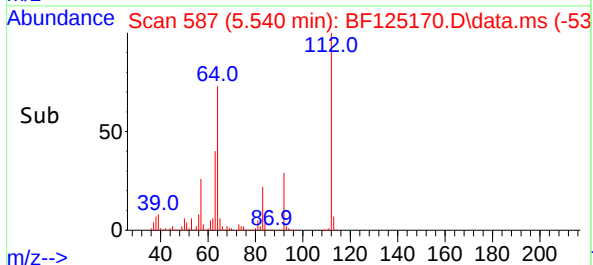
Tgt Ion:152 Resp: 148780
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 61.5 47.1 70.7



#5
2-Fluorophenol
Concen: 88.662 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.000 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



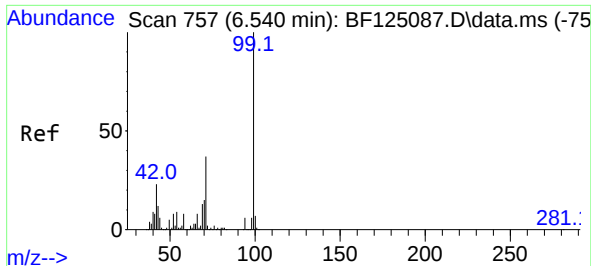
Tgt Ion:112 Resp: 871511
Ion Ratio Lower Upper
112 100
64 73.1 44.2 66.2#
63 40.5 26.2 39.2#



Instrument :
BNA_F
ClientSampleId :
TP1

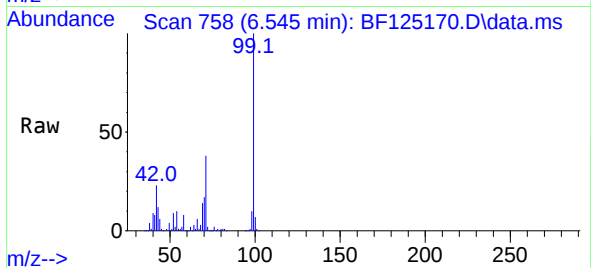
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#7
Phenol-d6
Concen: 86.309 ng
RT: 6.545 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

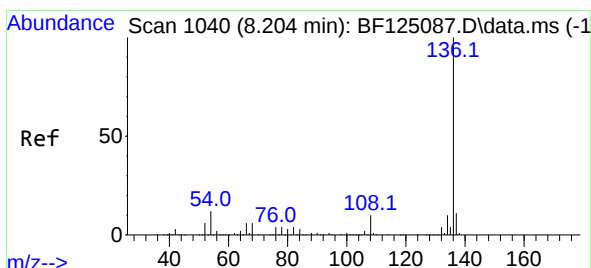
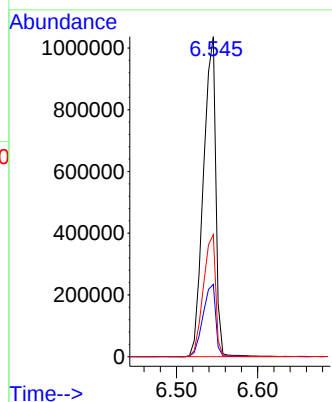
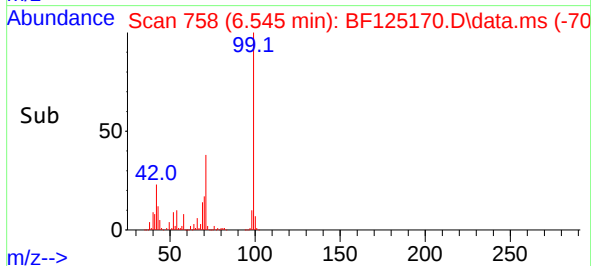
Instrument :
BNA_F
ClientSampleId :
TP1



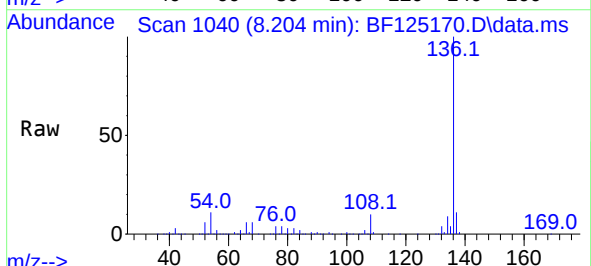
Tgt Ion: 99 Resp: 1097226
Ion Ratio Lower Upper
99 100
42 22.6 23.5 35.3#
71 38.2 25.6 38.4

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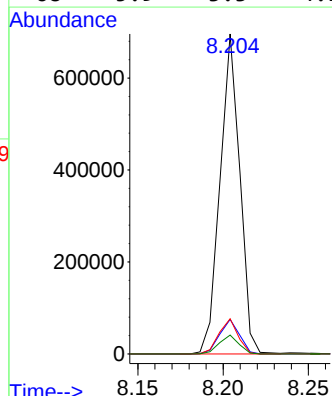
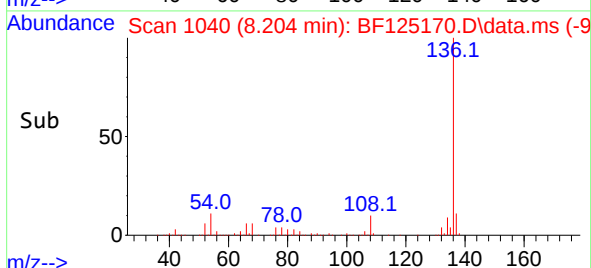
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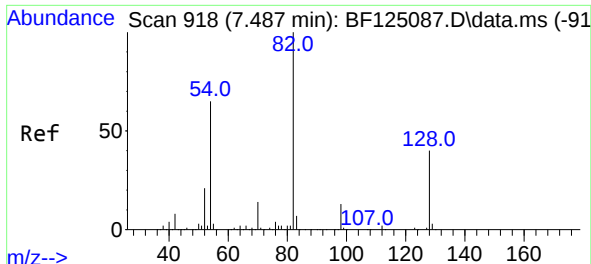


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



Tgt Ion: 136 Resp: 562316
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 11.0 6.4 9.6#
68 5.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 65.471 ng

RT: 7.481 min Scan# 917

Delta R.T. -0.006 min

Lab File: BF125170.D

Acq: 23 Aug 2021 23:27

Tgt Ion: 82 Resp: 731281

Ion Ratio Lower Upper

82 100

128 38.8 40.6 60.8#

54 65.9 49.6 74.4

Instrument :

BNA_F

ClientSampled :

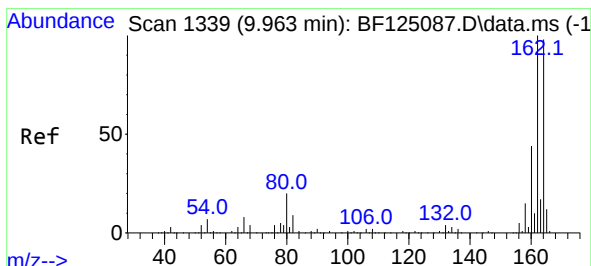
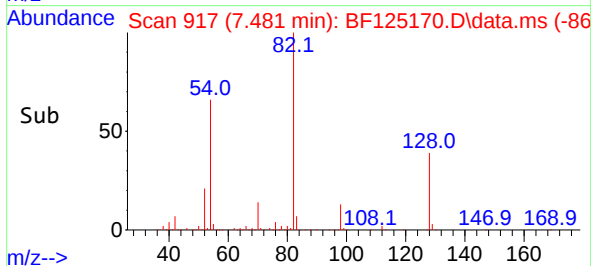
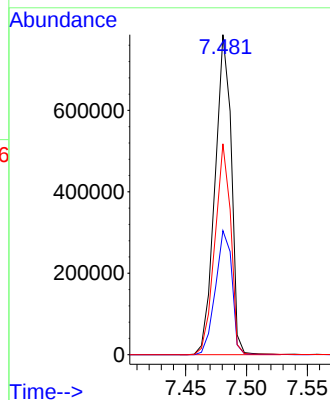
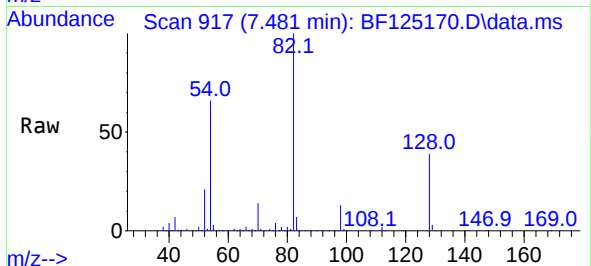
TP1

Manual Integrations

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#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.000 min

Lab File: BF125170.D

Acq: 23 Aug 2021 23:27

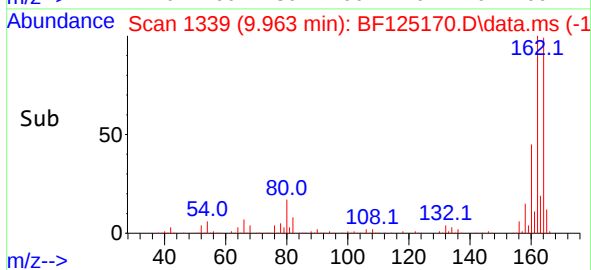
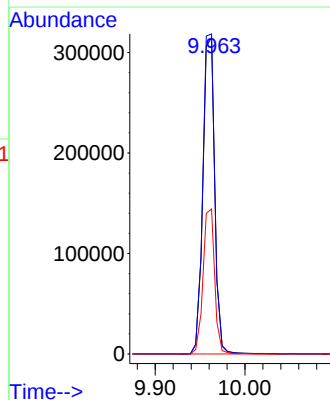
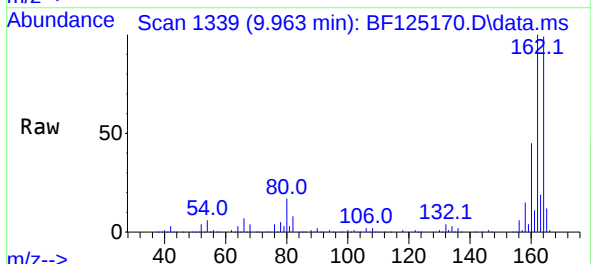
Tgt Ion:164 Resp: 287280

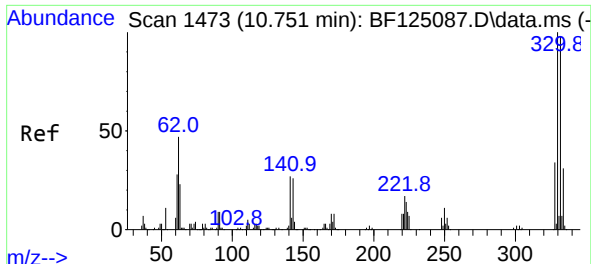
Ion Ratio Lower Upper

164 100

162 101.2 81.3 121.9

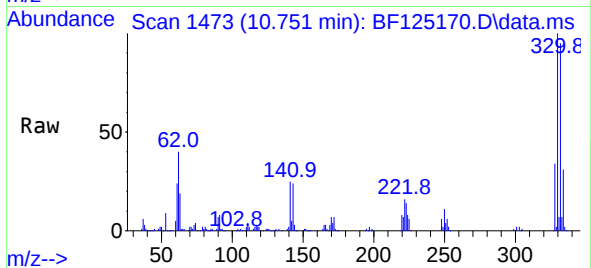
160 45.8 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 101.745 ng
RT: 10.751 min Scan# 1473
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

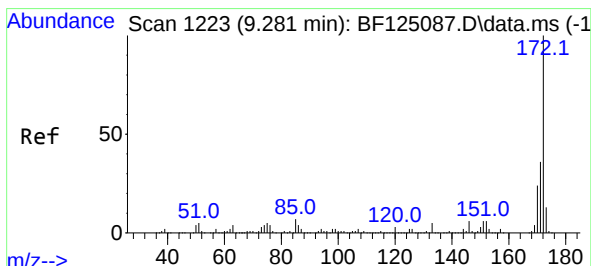
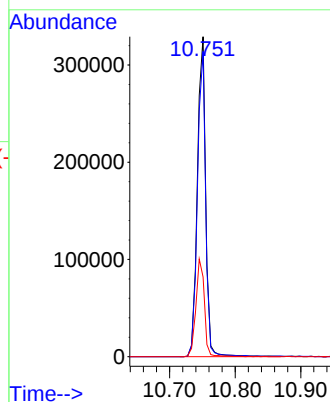
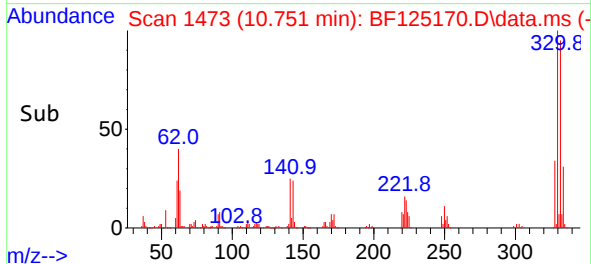
Instrument :
BNA_F
ClientSampled :
TP1



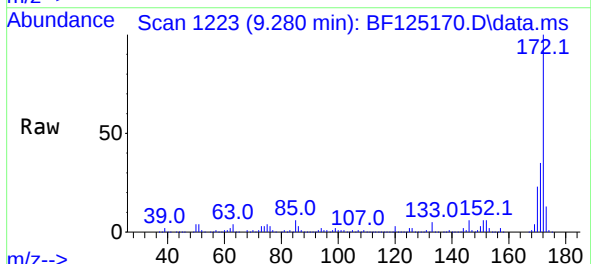
Tgt Ion:330 Resp: 291772
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 31.0 44.6 66.8#

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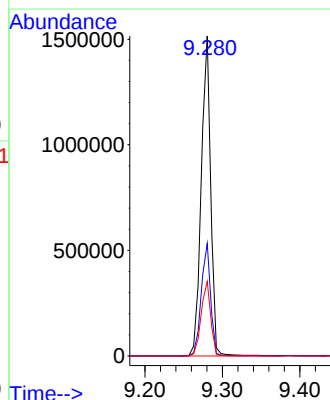
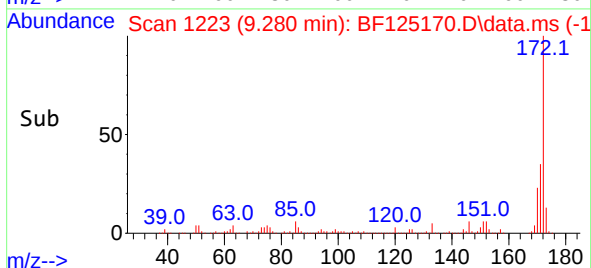
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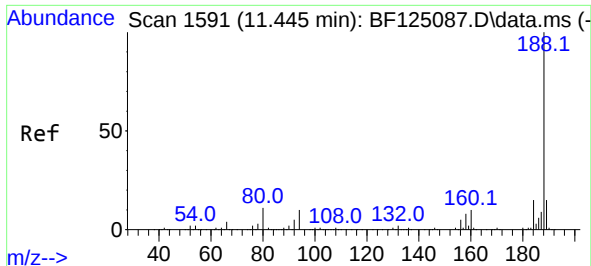


#45
2-Fluorobiphenyl
Concen: 62.375 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



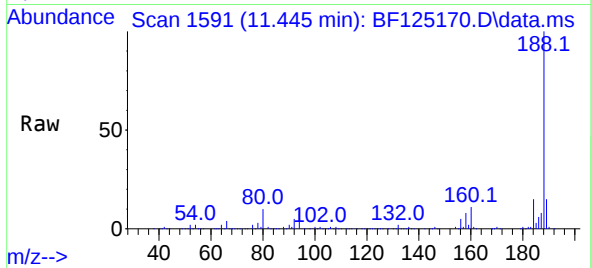
Tgt Ion:172 Resp: 1285695
Ion Ratio Lower Upper
172 100
171 35.1 26.5 39.7
170 23.3 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

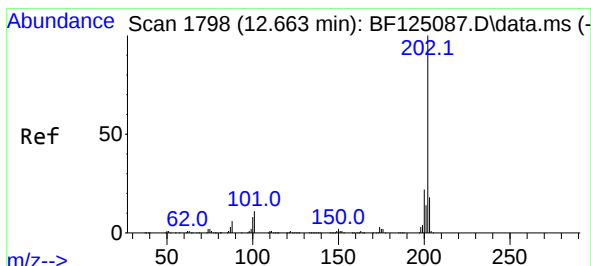
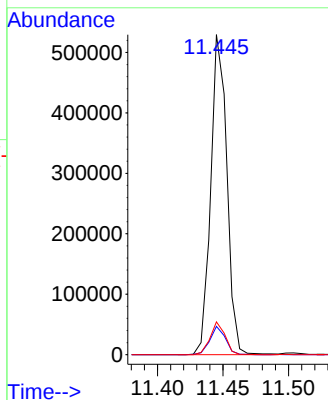
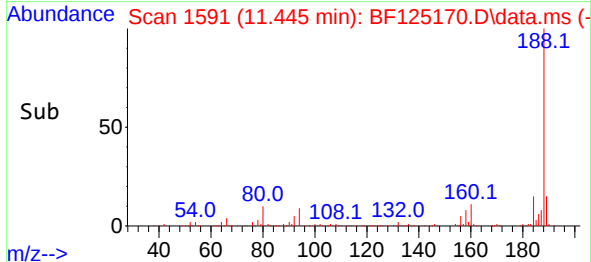
Instrument :
BNA_F
ClientSampled :
TP1



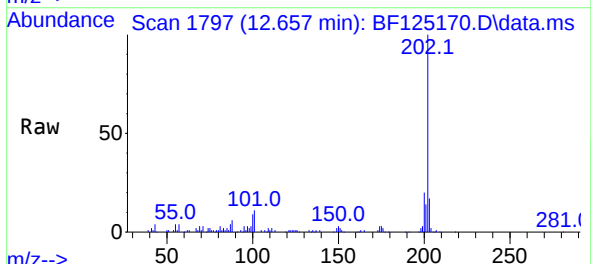
Tgt Ion:188 Resp: 453607
Ion Ratio Lower Upper
188 100
94 8.9 6.7 10.1
80 10.3 7.5 11.3

Manual Integrations
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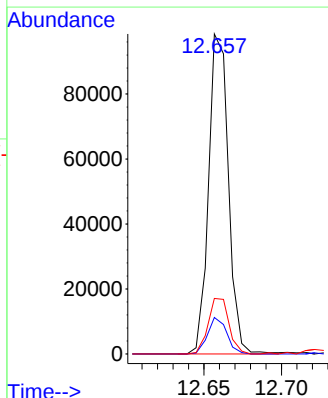
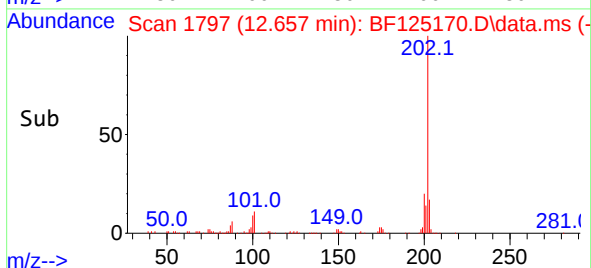
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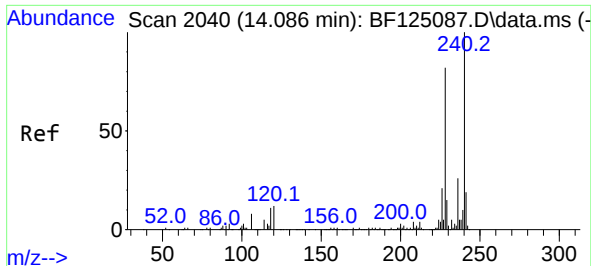


#75
Fluoranthene
Concen: 3.532 ng
RT: 12.657 min Scan# 1797
Delta R.T. -0.012 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

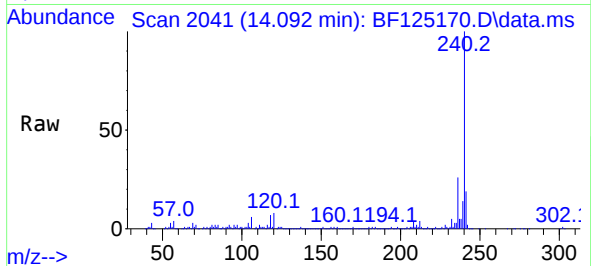


Tgt Ion:202 Resp: 87606
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 17.3 0.0 36.3

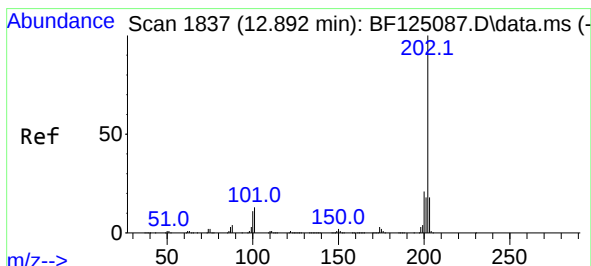
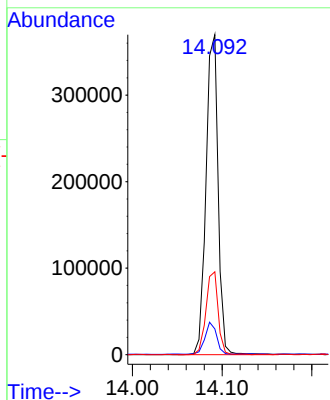
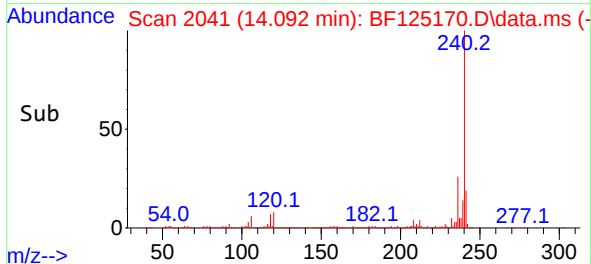




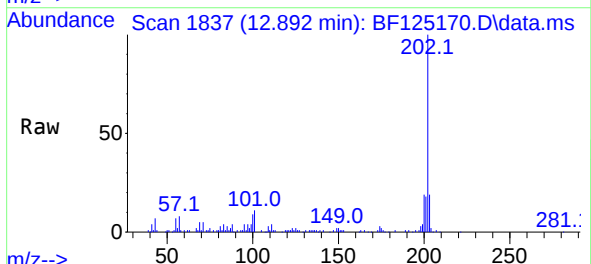
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



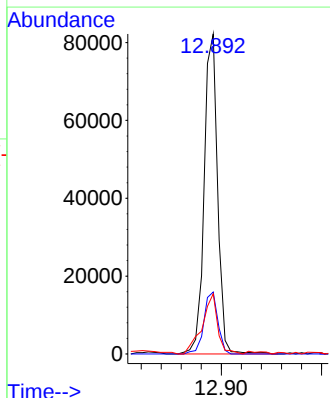
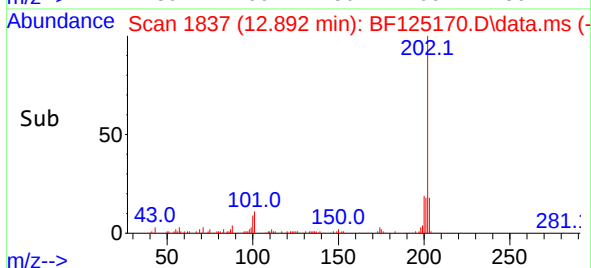
Tgt Ion:240 Resp: 346544
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 25.9 21.6 32.4



#78
Pyrene
Concen: 2.589 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



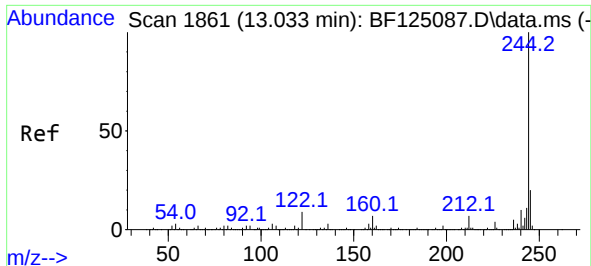
Tgt Ion:202 Resp: 76949
Ion Ratio Lower Upper
202 100
200 19.4 15.3 22.9
203 18.8 13.4 20.0



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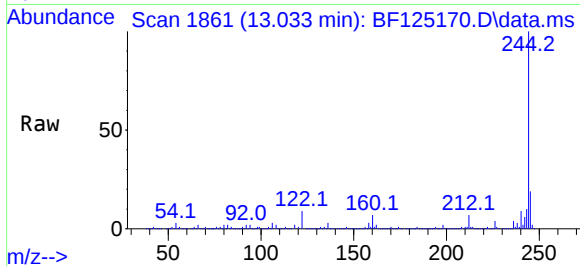
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#79
Terphenyl-d14
Concen: 53.724 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

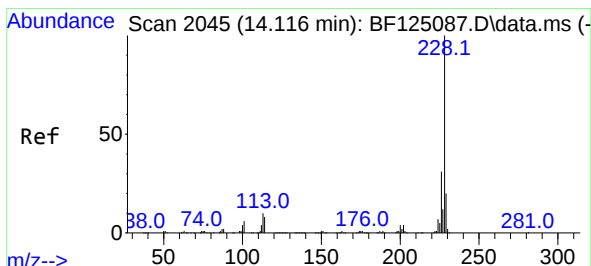
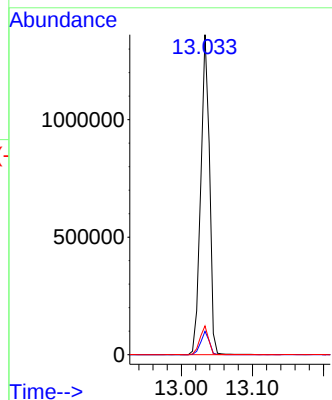
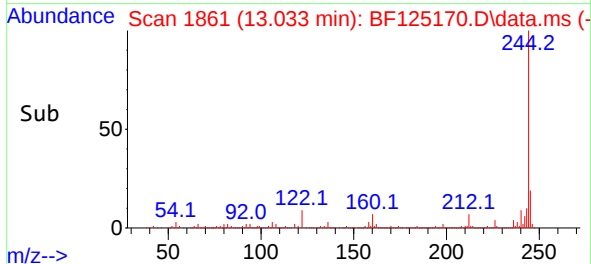
Instrument :
BNA_F
ClientSampled :
TP1



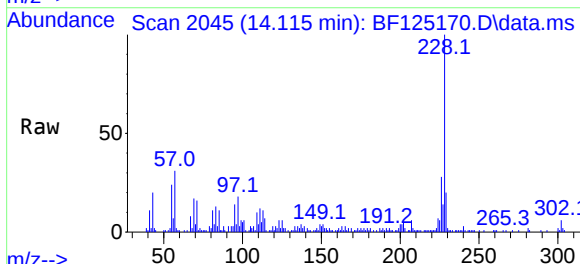
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Ion Ratio Lower Upper
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212 7.3 5.9 8.9
122 9.0 9.0 13.4

Manual Integrations
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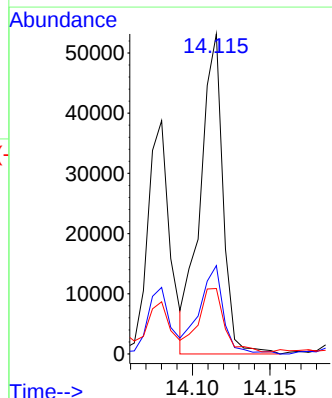
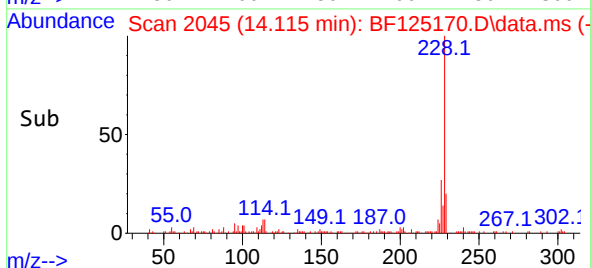
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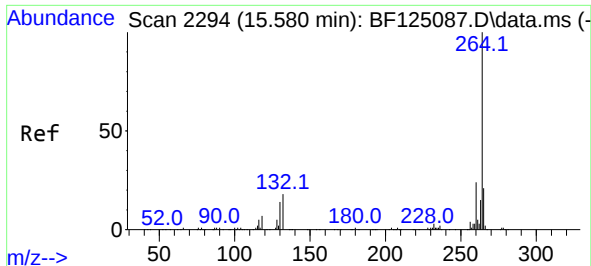


#83
Chrysene
Concen: 2.201 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27



Tgt Ion:228 Resp: 54344
Ion Ratio Lower Upper
228 100
226 27.6 22.6 34.0
229 20.4 15.9 23.9





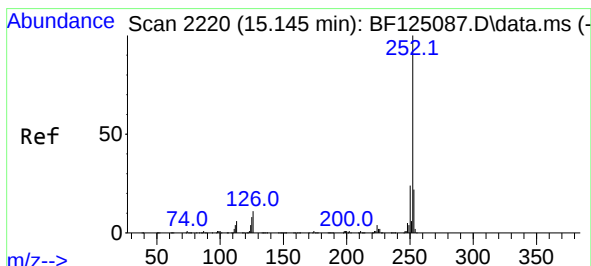
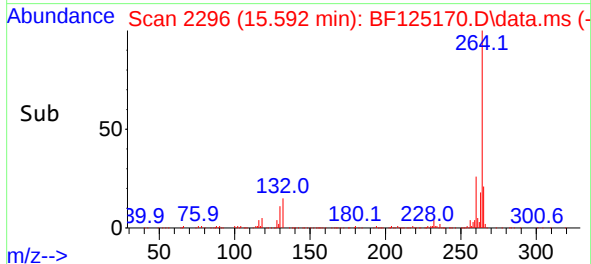
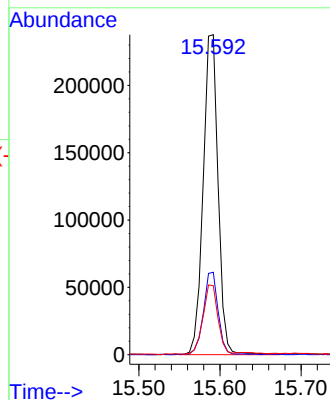
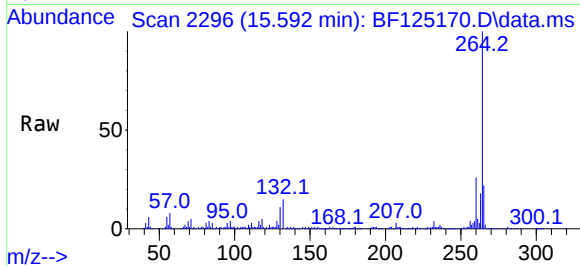
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:264 Resp: 303997
Ion Ratio Lower Upper
264 100
260 25.7 19.6 29.4
265 21.6 17.2 25.8

Instrument :
BNA_F
ClientSampled :
TP1

Manual Integrations
APPROVED

mohammad
8/24/2021 11:20:06 AM



#88
Benzo(b)fluoranthene
Concen: 3.174 ng m
RT: 15.145 min Scan# 2220
Delta R.T. -0.012 min
Lab File: BF125170.D
Acq: 23 Aug 2021 23:27

Tgt Ion:252 Resp: 70498
Ion Ratio Lower Upper
252 100
253 22.9 16.8 25.2
125 16.8 9.8 14.8#

