

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
 Data File : BF125985.D
 Acq On : 28 Oct 2021 13:08
 Operator : JU/CG
 Sample : M4336-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3

Manual Integrations
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Quant Time: Oct 28 15:21:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:01:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	168379	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	655387	20.000	ng	# 0.00
39) Acenaphthene-d10	9.892	164	328860	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	515877	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	349026	20.000	ng	0.00
86) Perylene-d12	15.492	264	331470	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1157957	102.436	ng	0.00
7) Phenol-d6	6.481	99	1494718	96.405	ng	0.00
23) Nitrobenzene-d5	7.416	82	975957	76.919	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	291842	101.800	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1469930	79.045	ng	0.00
79) Terphenyl-d14	12.968	244	1236767	57.962	ng	0.00
Target Compounds						Qvalue
52) Acenaphthene	9.922	154	53027	2.974	ng	98
71) Phenanthrene	11.404	178	1177261	43.980	ng	98
72) Anthracene	11.451	178	335988	12.571	ng	99
75) Fluoranthene	12.598	202	2219870	82.263	ng	96
78) Pyrene	12.839	202	4107252m	126.452	ng	
81) Benzo(a)anthracene	14.015	228	2095639	89.210	ng	96
83) Chrysene	14.051	228	1782559	75.000	ng	96
87) Indeno(1,2,3-cd)pyrene	16.951	276	530489	22.215	ng	# 91
88) Benzo(b)fluoranthene	15.068	252	1635853m	74.768	ng	
89) Benzo(k)fluoranthene	15.092	252	486597m	23.154	ng	
90) Benzo(a)pyrene	15.433	252	1182934	66.973	ng	97
91) Dibenzo(a,h)anthracene	16.956	278	178878m	9.247	ng	
92) Benzo(g,h,i)perylene	17.392	276	524957m	25.973	ng	

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

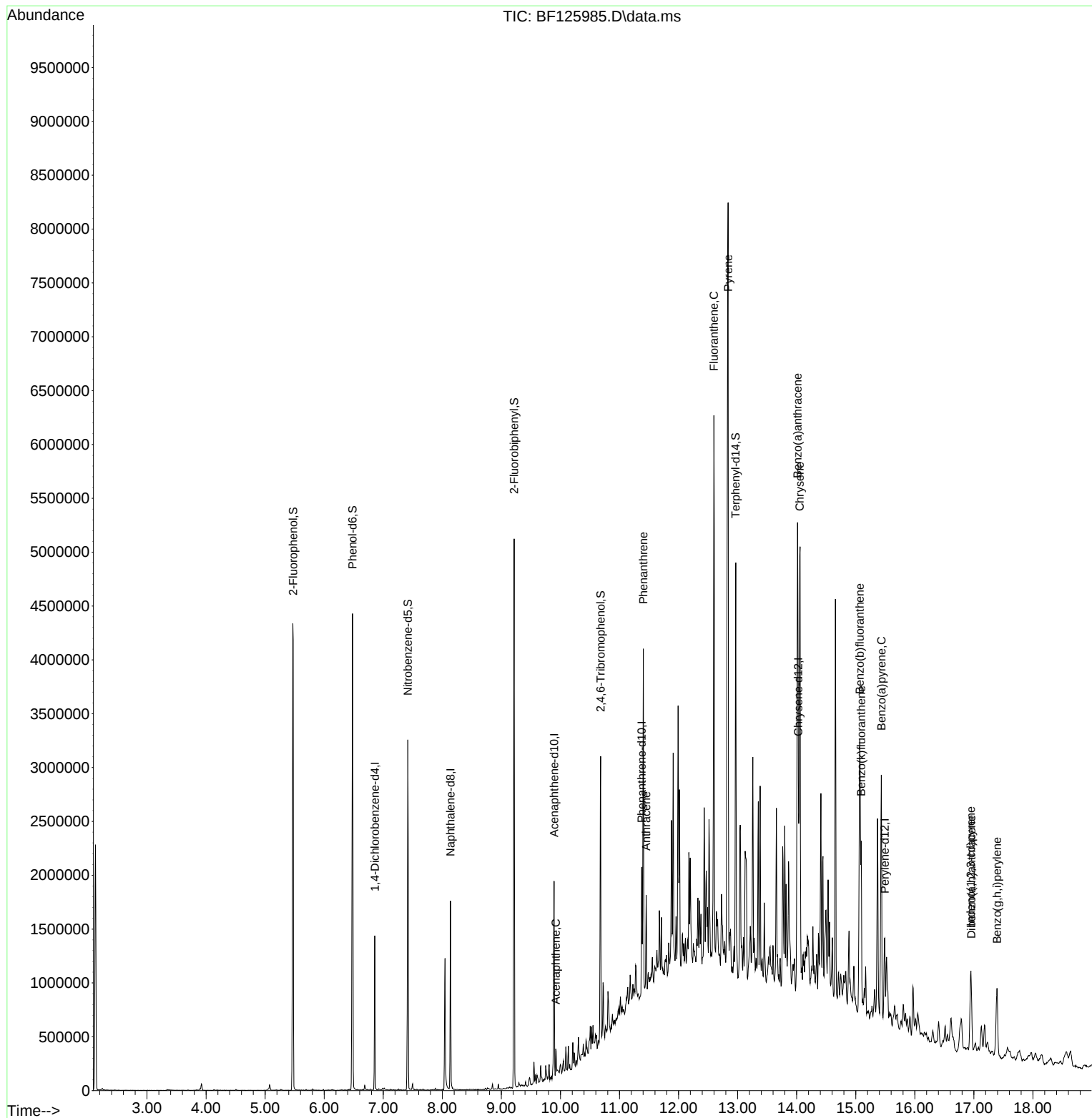
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102821\
Data File : BF125985.D
Acq On : 28 Oct 2021 13:08
Operator : JU/CG
Sample : M4336-04
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ALS Vial : 7 Sample Multiplier: 1

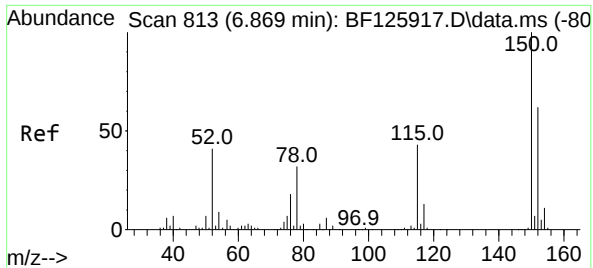
Instrument :
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ClientSampled :
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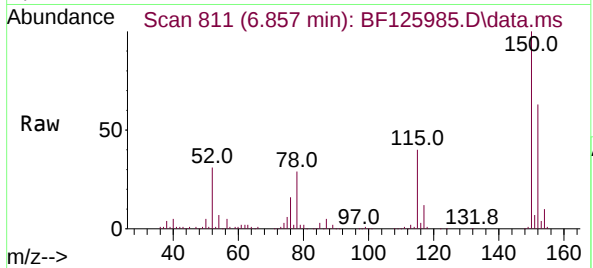
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
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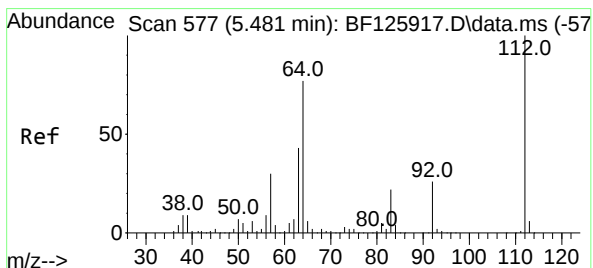
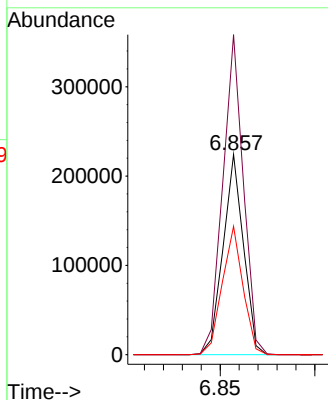
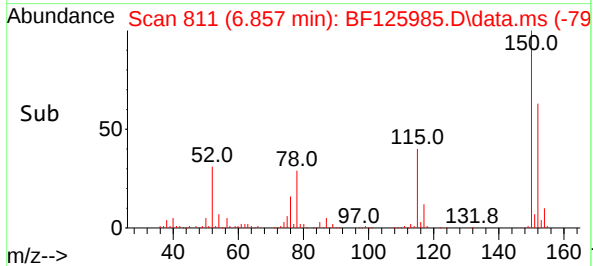




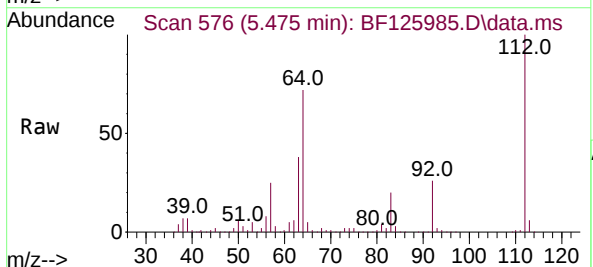
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



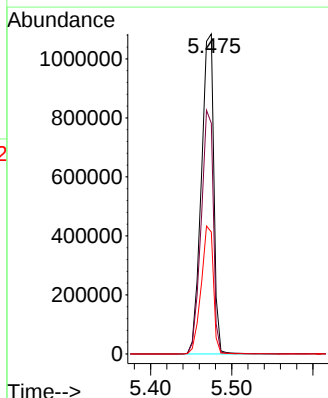
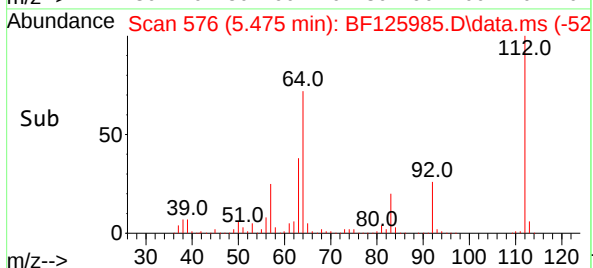
Tgt Ion:152 Resp: 168379
Ion Ratio Lower Upper
152 100
150 159.7 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 102.436 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.000 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



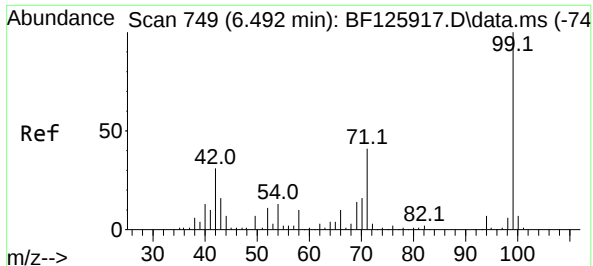
Tgt Ion:112 Resp: 1157957
Ion Ratio Lower Upper
112 100
64 72.1 44.2 66.2#
63 38.1 26.2 39.2



Instrument :
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#7
Phenol-d6
Concen: 96.405 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

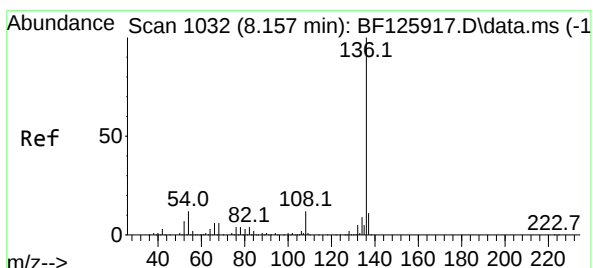
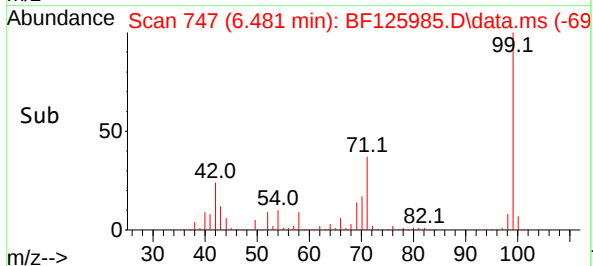
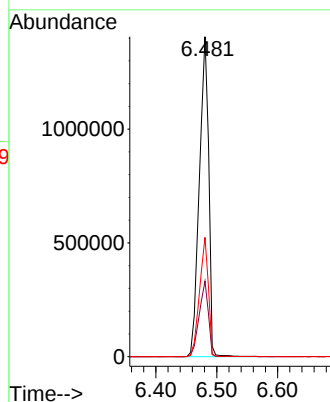
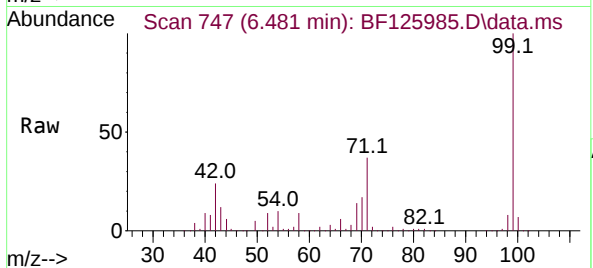
Tgt Ion: 99 Resp: 1494718

Ion	Ratio	Lower	Upper
99	100		
42	23.6	23.5	35.3
71	37.3	25.6	38.4

Instrument :
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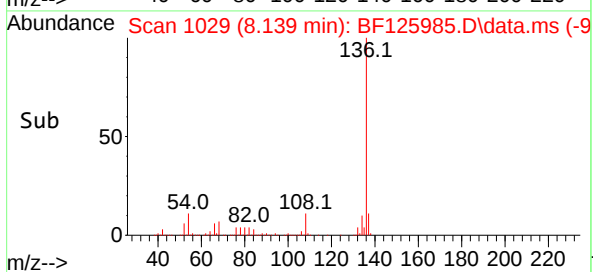
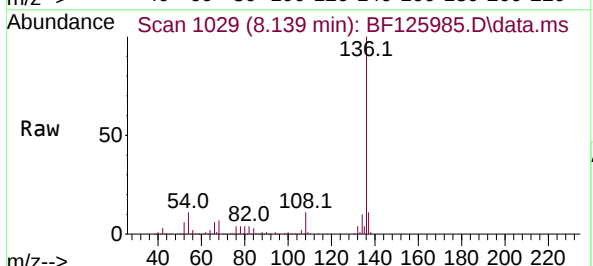
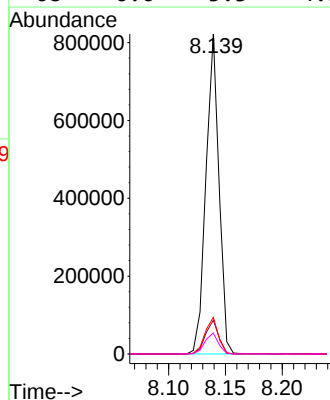
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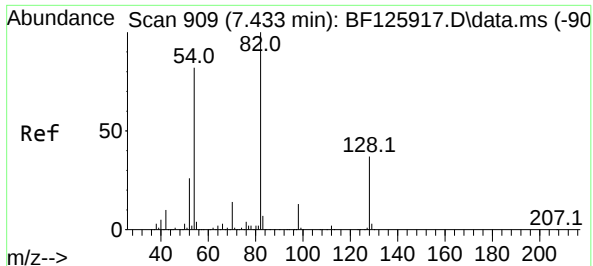


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

Tgt Ion: 136 Resp: 655387

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	11.4	6.4	9.6#
68	6.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 76.919 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF125985.D

Acq: 28 Oct 2021 13:08

Tgt Ion: 82 Resp: 975957
 Ion Ratio Lower Upper
 82 100
 128 38.9 40.6 60.8#
 54 68.9 49.6 74.4

Instrument :

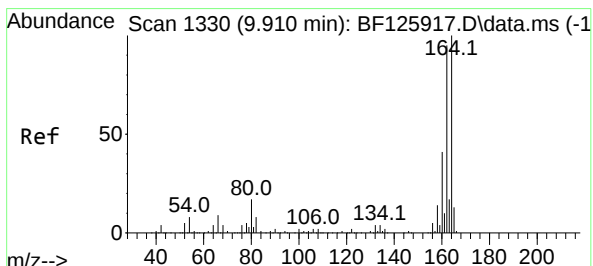
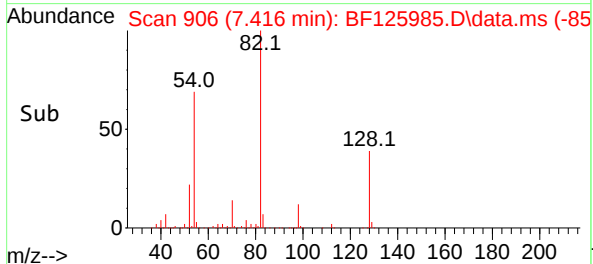
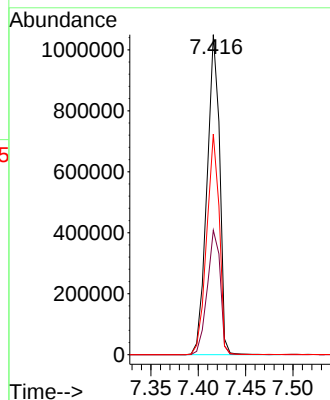
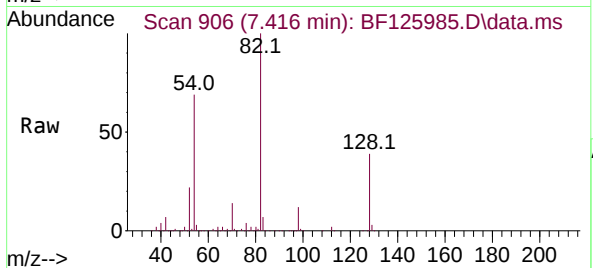
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#39

Acenaphthene-d10

Concen: 20.000 ng

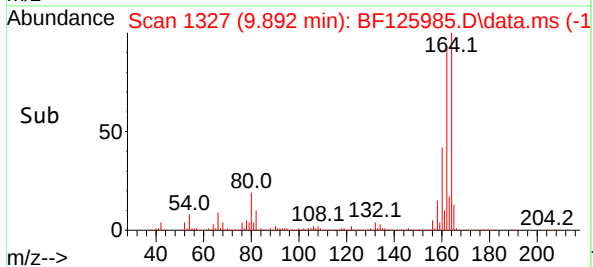
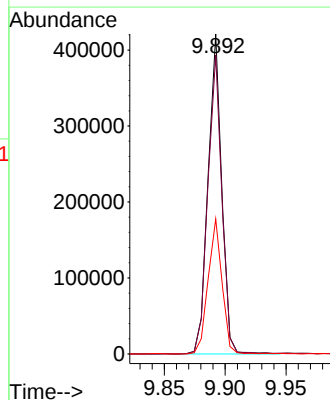
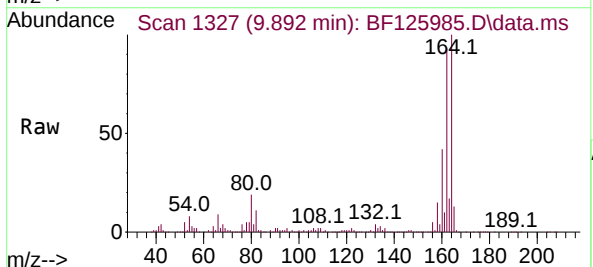
RT: 9.892 min Scan# 1327

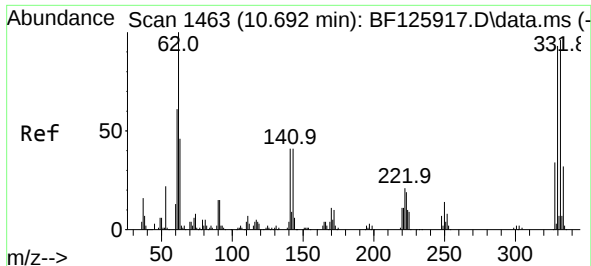
Delta R.T. -0.006 min

Lab File: BF125985.D

Acq: 28 Oct 2021 13:08

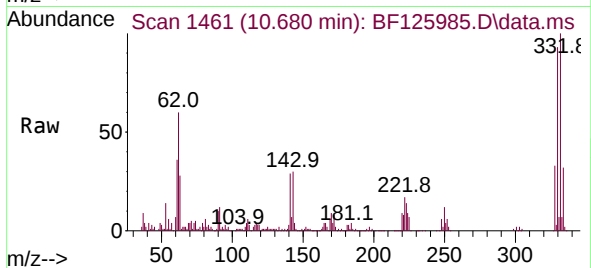
Tgt Ion: 164 Resp: 328860
 Ion Ratio Lower Upper
 164 100
 162 93.5 81.3 121.9
 160 42.2 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 101.800 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

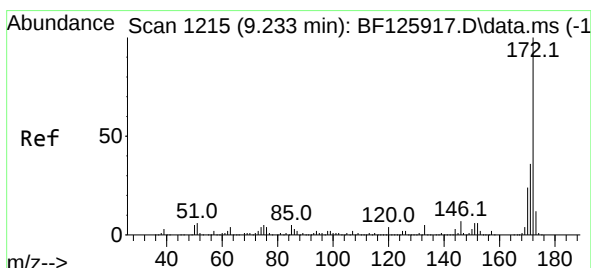
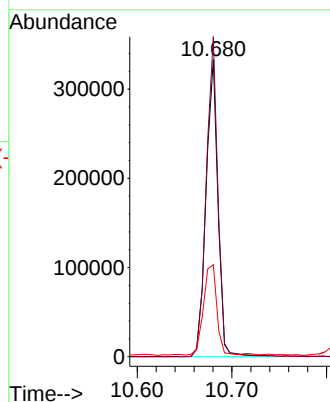
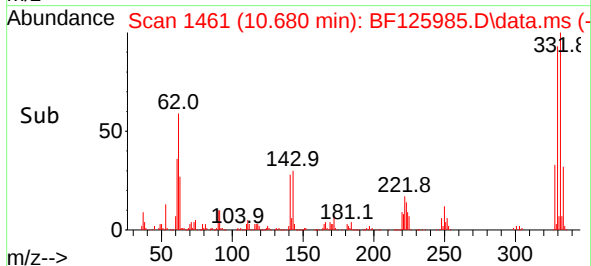
Instrument :
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ClientSampled :
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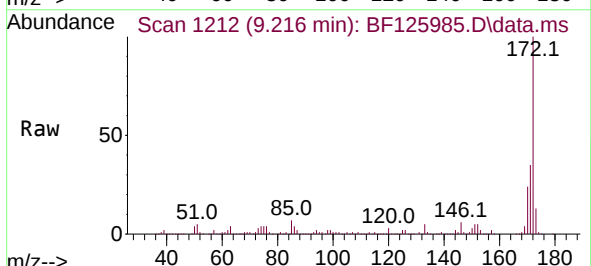
Tgt Ion:330 Resp: 291842
Ion Ratio Lower Upper
330 100
332 105.3 76.2 114.4
141 34.7 44.6 66.8#

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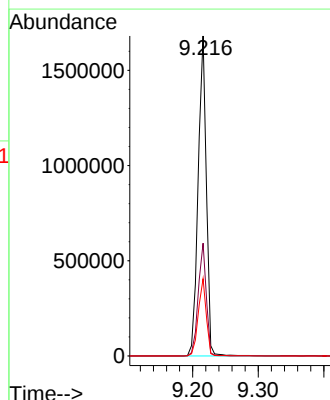
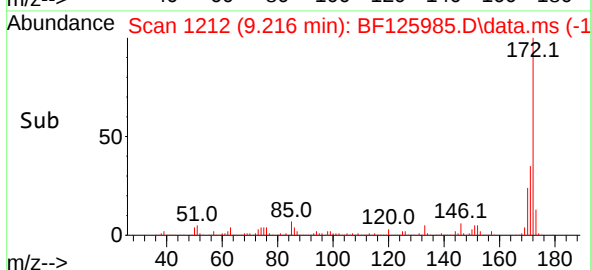
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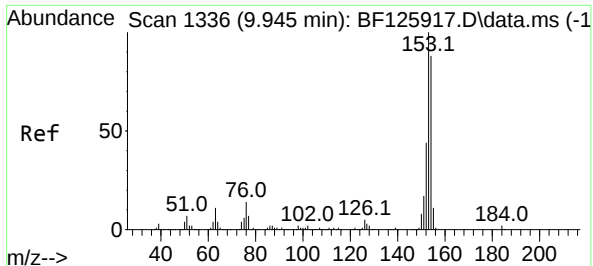


#45
2-Fluorobiphenyl
Concen: 79.045 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

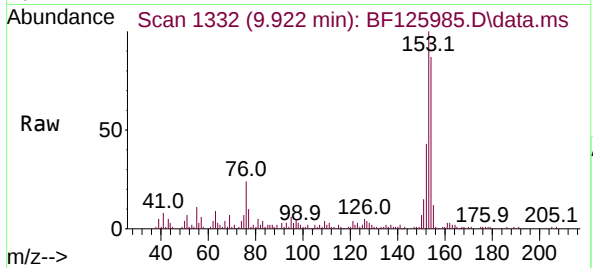


Tgt Ion:172 Resp: 1469930
Ion Ratio Lower Upper
172 100
171 35.3 26.5 39.7
170 24.2 18.8 28.2

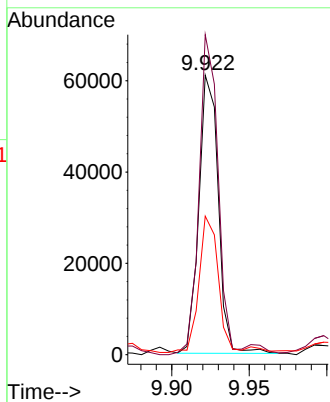
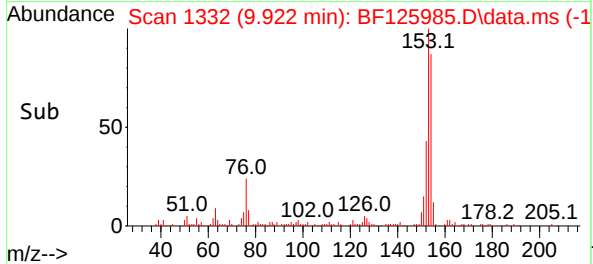




#52
Acenaphthene
Concen: 2.974 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



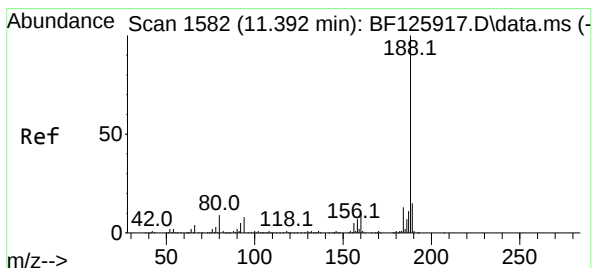
Tgt Ion:154 Resp: 53027
Ion Ratio Lower Upper
154 100
153 114.5 89.4 134.2
152 49.6 40.5 60.7



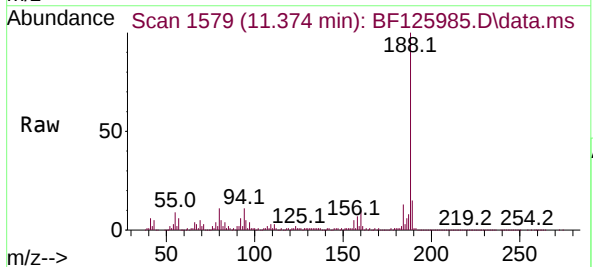
Instrument :
BNA_F
ClientSampled :
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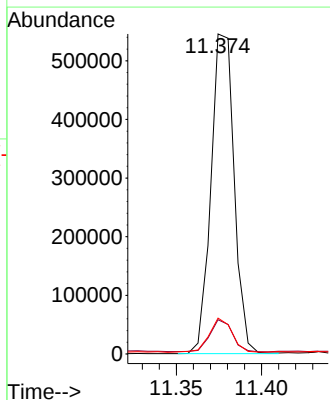
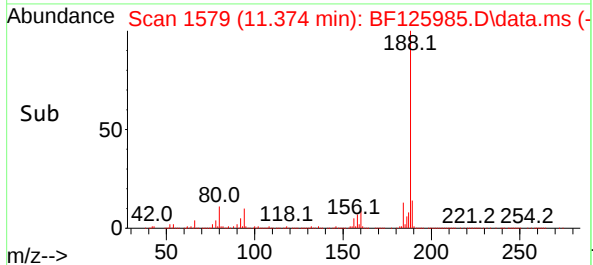
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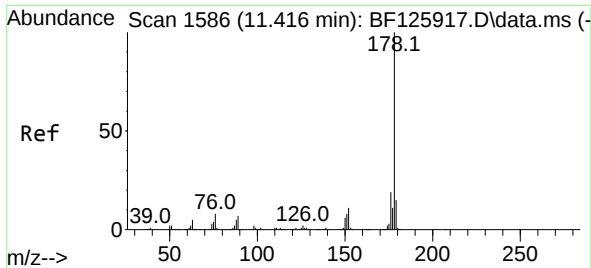


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



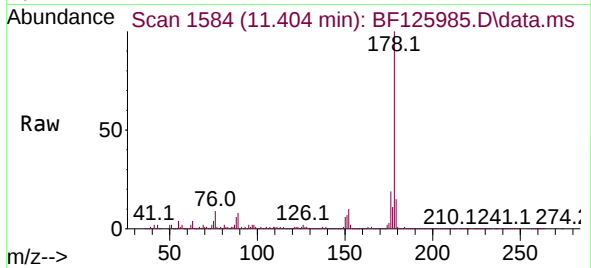
Tgt Ion:188 Resp: 515877
Ion Ratio Lower Upper
188 100
94 10.7 6.7 10.1#
80 11.2 7.5 11.3





#71
Phenanthrene
Concen: 43.980 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

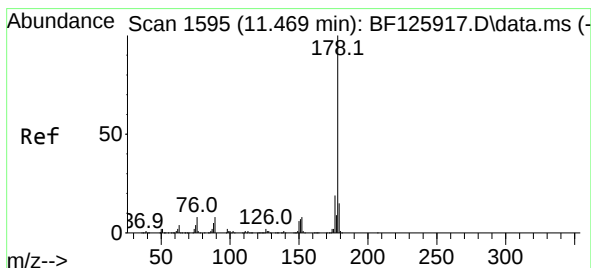
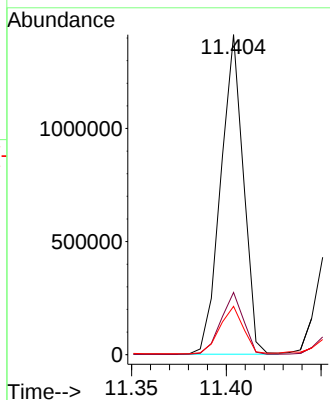
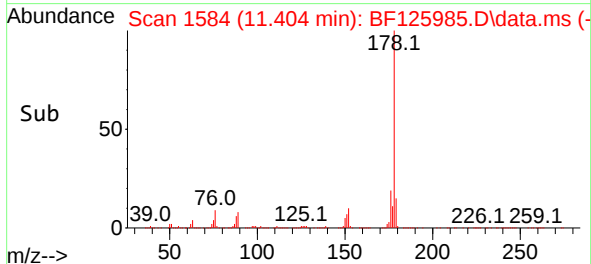
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BNA_F
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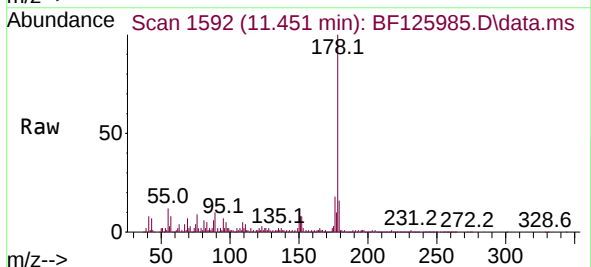
Tgt Ion:178 Resp: 1177261
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 15.1 11.5 17.3

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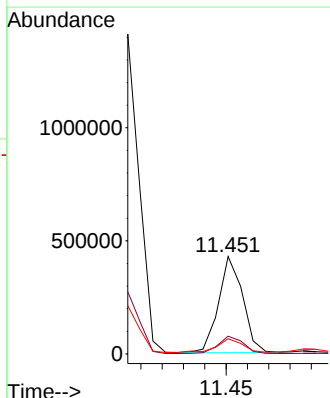
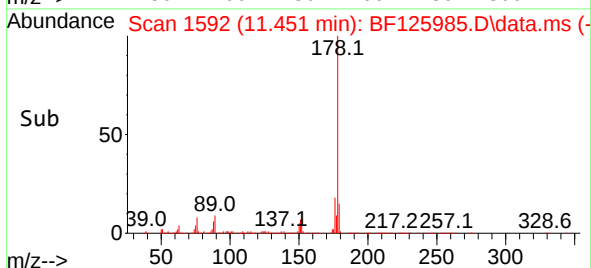
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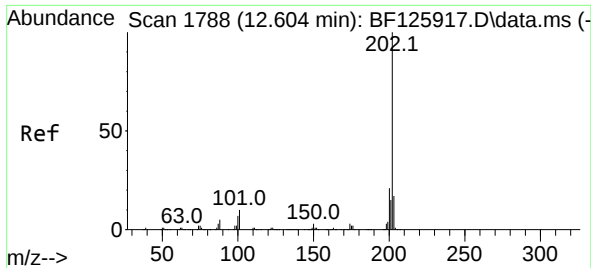


#72
Anthracene
Concen: 12.571 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



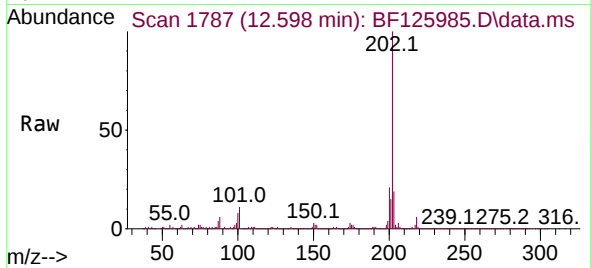
Tgt Ion:178 Resp: 335988
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 15.5 12.2 18.4





#75
Fluoranthene
Concen: 82.263 ng
RT: 12.598 min Scan# 1787
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

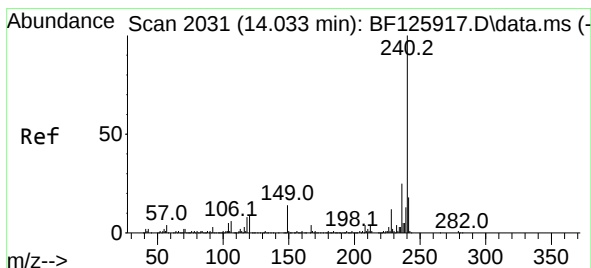
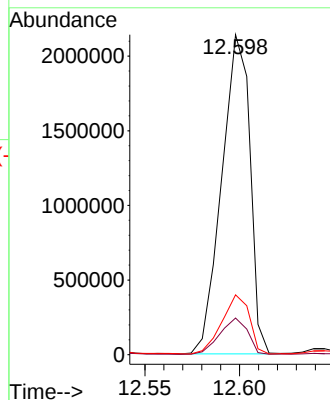
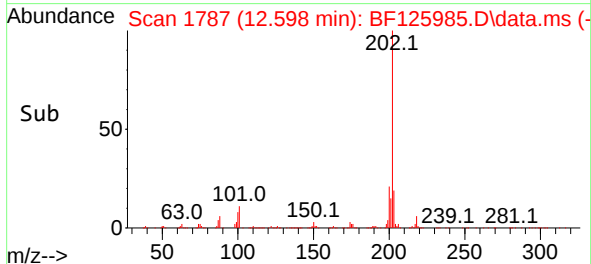
Instrument :
BNA_F
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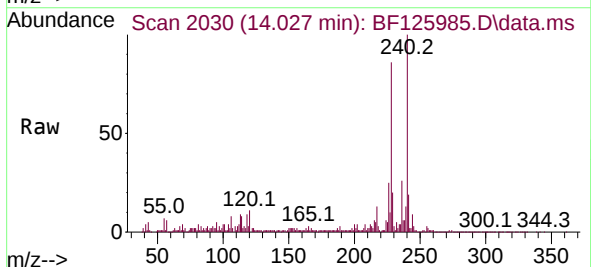
Tgt Ion:202 Resp: 2219870
Ion Ratio Lower Upper
202 100
101 11.5 0.0 30.7
203 18.7 0.0 36.3

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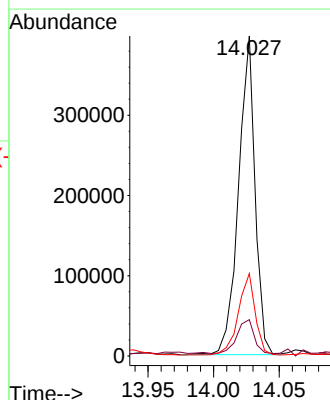
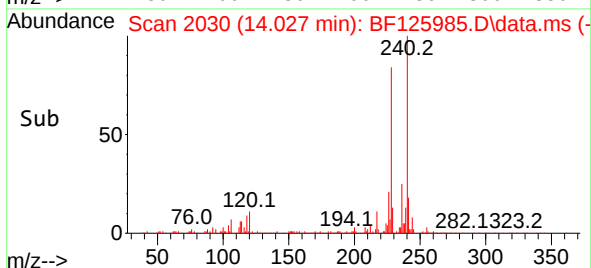
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10/29/2021 3:01:47 PM

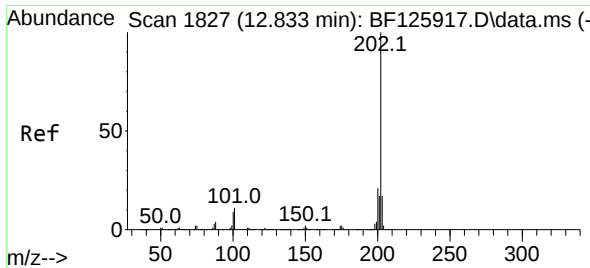


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



Tgt Ion:240 Resp: 349026
Ion Ratio Lower Upper
240 100
120 11.4 10.8 16.2
236 25.7 21.6 32.4





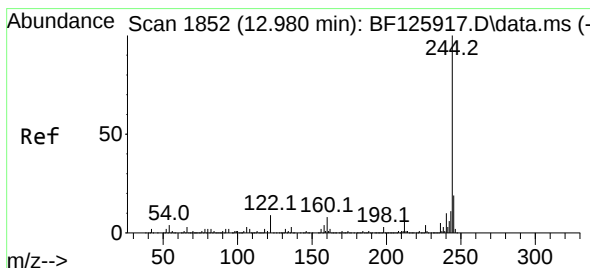
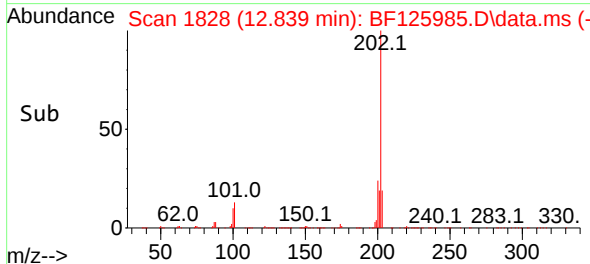
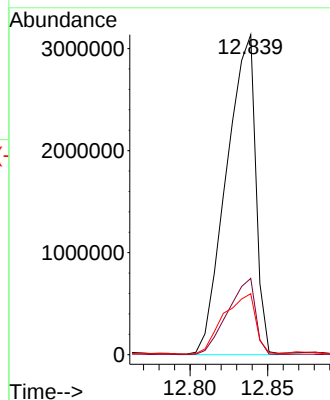
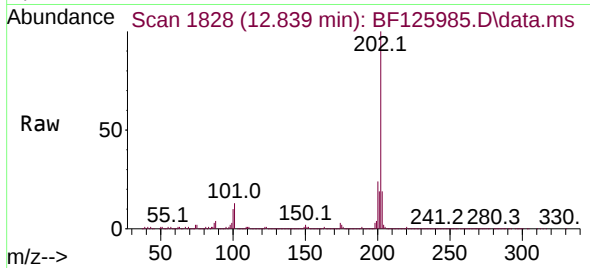
#78
Pyrene
Concen: 126.452 ng m
RT: 12.839 min Scan# 1828
Delta R.T. 0.018 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

Tgt Ion:202 Resp: 4107252
Ion Ratio Lower Upper
202 100
200 23.8 15.3 22.9#
203 19.1 13.4 20.0

Instrument :
BNA_F
ClientSampled :
C3

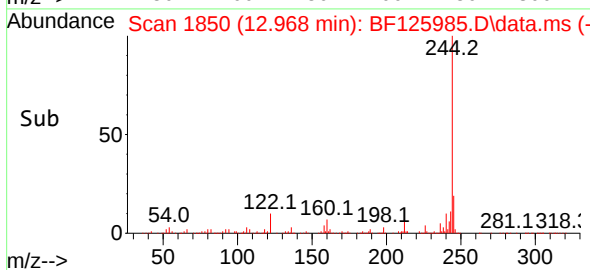
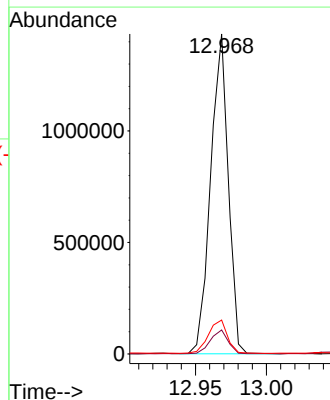
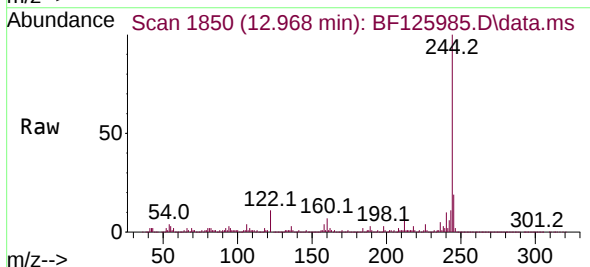
Manual Integrations
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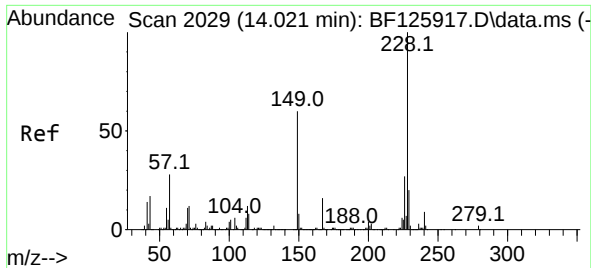
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#79
Terphenyl-d14
Concen: 57.962 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

Tgt Ion:244 Resp: 1236767
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 10.6 9.0 13.4





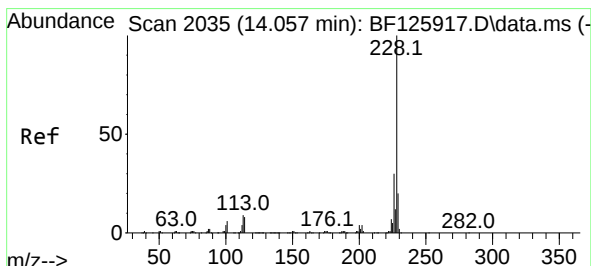
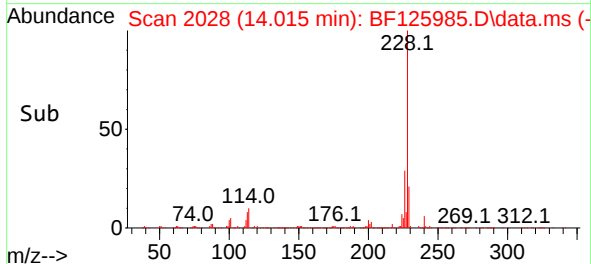
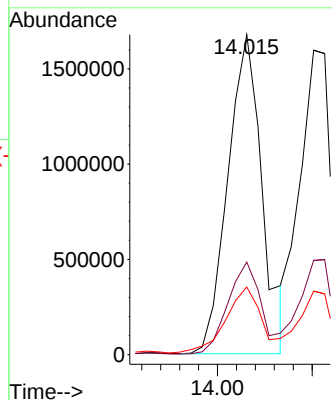
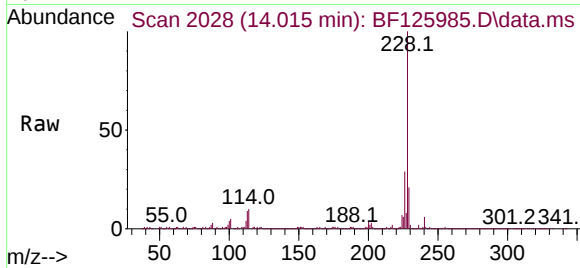
#81
Benzo(a)anthracene
Concen: 89.210 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

Instrument :
BNA_F
ClientSampled :
C3

Tgt Ion:228 Resp: 2095639
Ion Ratio Lower Upper
228 100
226 29.0 21.6 32.4
229 21.2 15.6 23.4

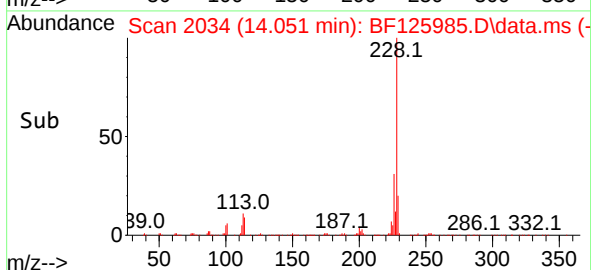
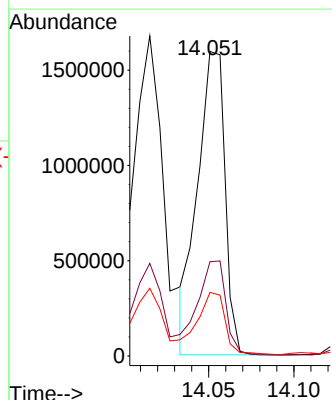
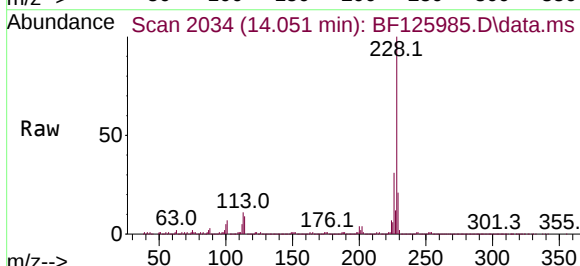
Manual Integrations
APPROVED

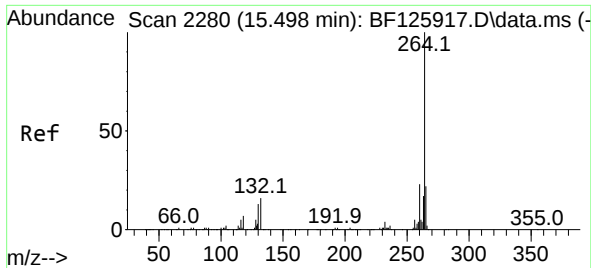
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#83
Chrysene
Concen: 75.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

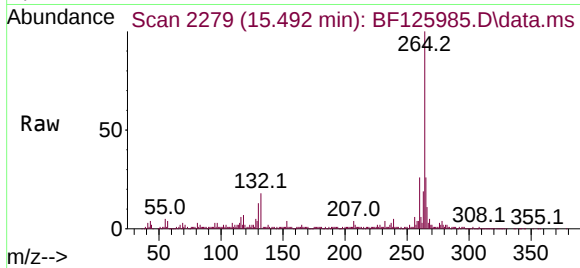
Tgt Ion:228 Resp: 1782559
Ion Ratio Lower Upper
228 100
226 30.9 22.6 34.0
229 20.9 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

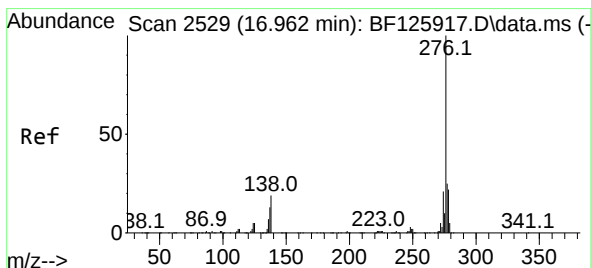
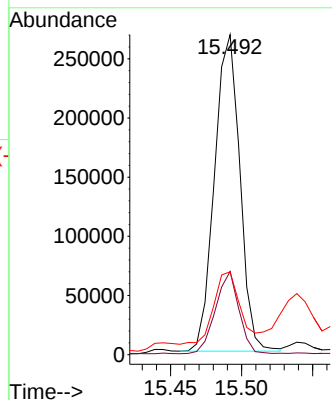
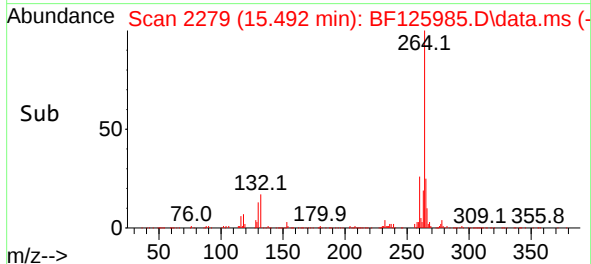
Instrument :
BNA_F
ClientSampled :
C3



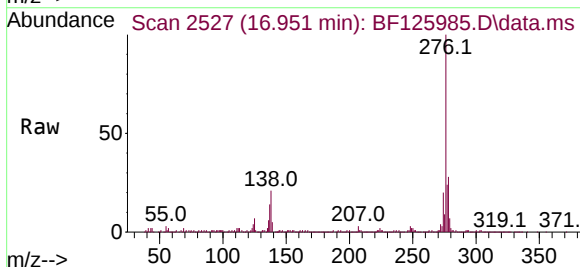
Tgt Ion:264 Resp: 331470
Ion Ratio Lower Upper
264 100
260 26.0 19.6 29.4
265 25.9 17.2 25.8#

Manual Integrations
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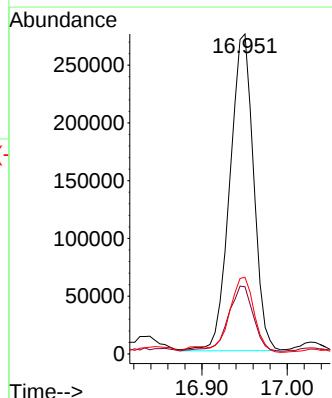
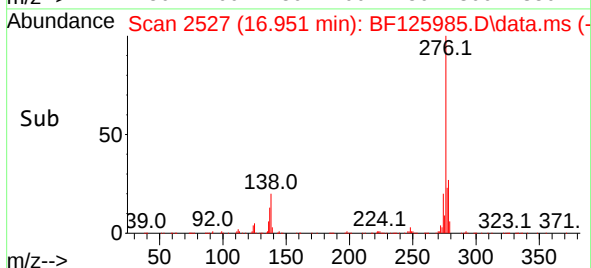
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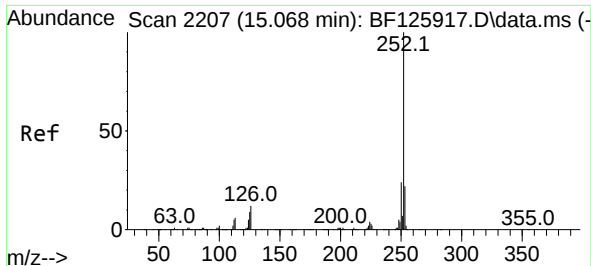


#87
Indeno(1,2,3-cd)pyrene
Concen: 22.215 ng
RT: 16.951 min Scan# 2527
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



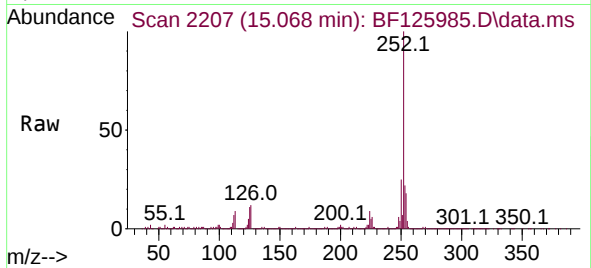
Tgt Ion:276 Resp: 530489
Ion Ratio Lower Upper
276 100
138 21.7 24.1 36.1#
277 24.1 18.8 28.2





#88
Benzo(b)fluoranthene
Concen: 74.768 ng m
RT: 15.068 min Scan# 2207
Delta R.T. 0.012 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

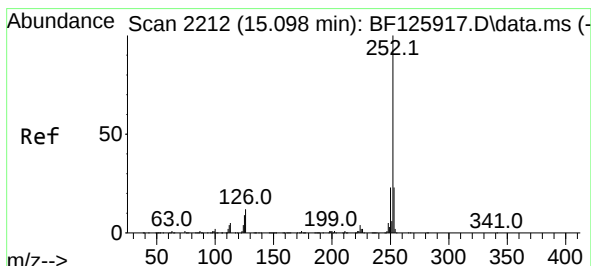
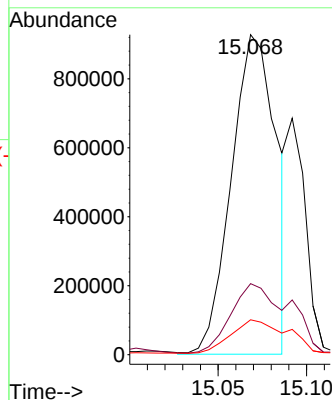
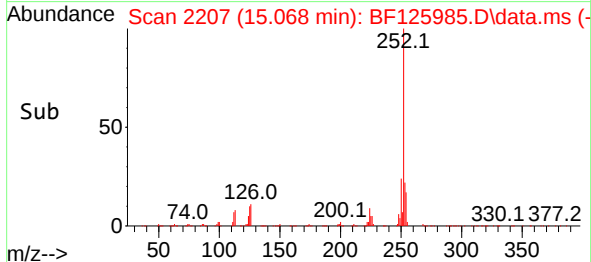
Instrument :
BNA_F
ClientSampled :
C3



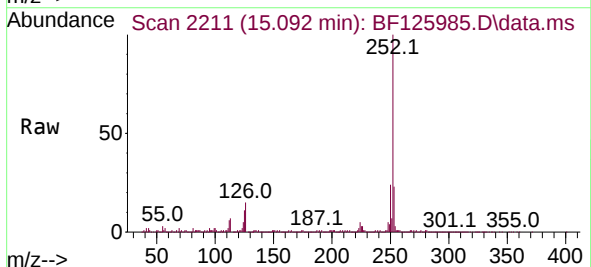
Tgt Ion:252 Resp: 1635853
Ion Ratio Lower Upper
252 100
253 22.2 16.8 25.2
125 10.9 9.8 14.8

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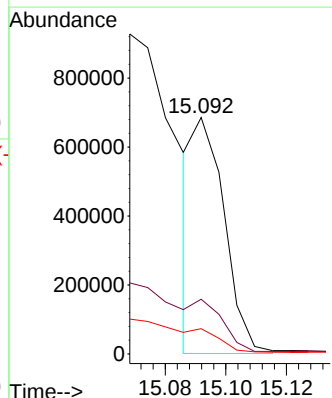
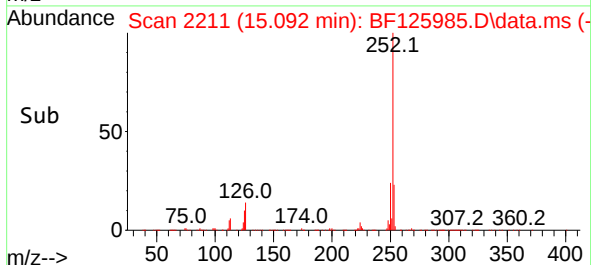
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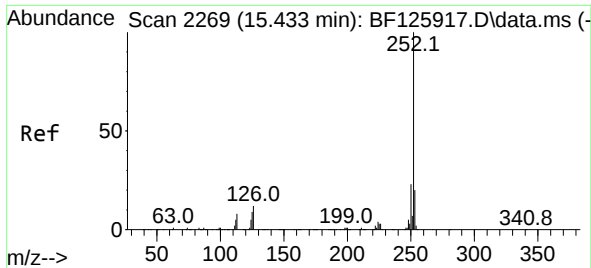


#89
Benzo(k)fluoranthene
Concen: 23.154 ng m
RT: 15.092 min Scan# 2211
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



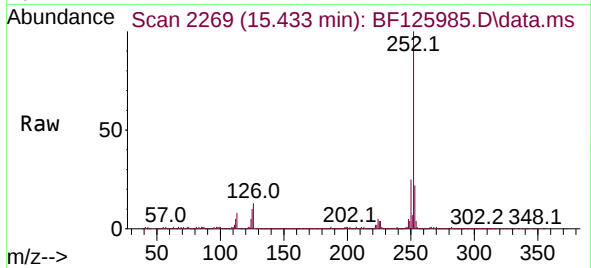
Tgt Ion:252 Resp: 486597
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.7 7.2 10.8





#90
Benzo(a)pyrene
Concen: 66.973 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.012 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

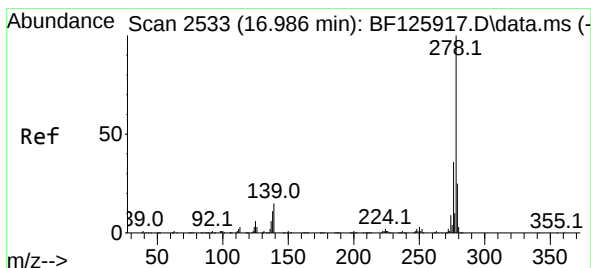
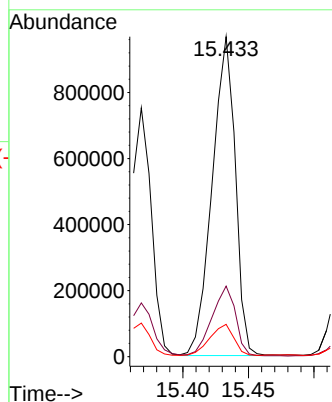
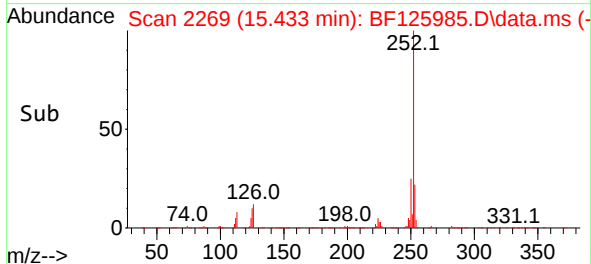
Instrument :
BNA_F
ClientSampled :
C3



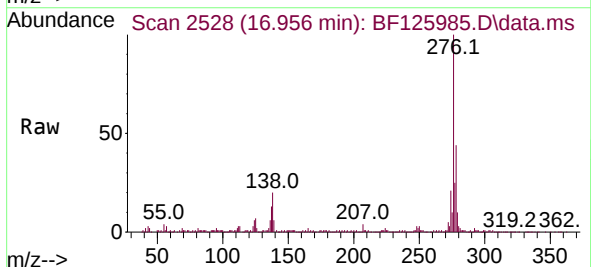
Tgt Ion:252 Resp: 1182934
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 10.1 9.9 14.9

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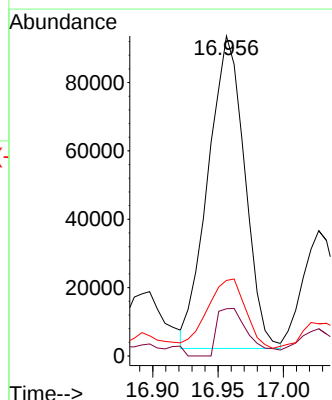
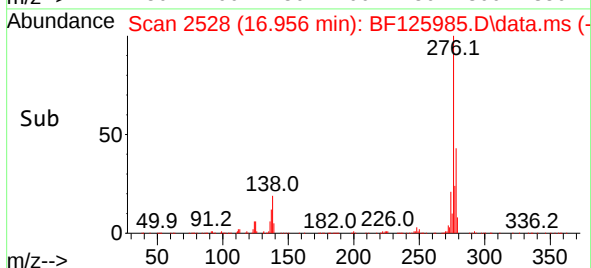
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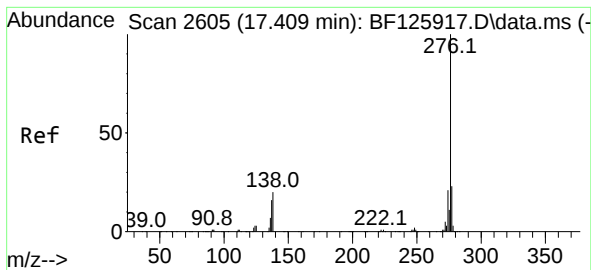


#91
Dibenzo(a,h)anthracene
Concen: 9.247 ng m
RT: 16.956 min Scan# 2528
Delta R.T. -0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08



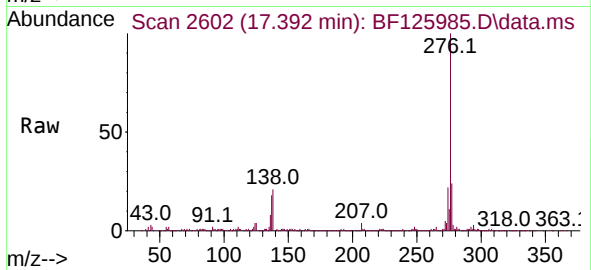
Tgt Ion:278 Resp: 178878
Ion Ratio Lower Upper
278 100
139 14.7 14.9 22.3#
279 23.6 19.7 29.5





#92
Benzo(g,h,i)perylene
Concen: 25.973 ng m
RT: 17.392 min Scan# 2602
Delta R.T. 0.006 min
Lab File: BF125985.D
Acq: 28 Oct 2021 13:08

Instrument :
BNA_F
ClientSampled :
C3



Tgt Ion: 276 Resp: 524957
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 20.5 22.2 33.4#

Manual Integrations
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