

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124876.D
 Acq On : 30 Jul 2021 15:05
 Operator : JU/CG
 Sample : M3217-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280

Manual Integrations
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mohammad
 8/2/2021 3:44:39 PM

Quant Time: Jul 30 16:11:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6066	20.000	ng	# 0.00
21) Naphthalene-d8	8.151	136	26126	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	15273	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	28186	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14721	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	13668	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	55800	155.751	ng	0.01
7) Phenol-d6	6.504	99	68926	153.462	ng	0.00
23) Nitrobenzene-d5	7.439	82	46544	106.032	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	21358	162.872	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	90994	87.506	ng	0.00
79) Terphenyl-d14	12.986	244	88232	102.739	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.610	202	5021	3.246	ng	94
78) Pyrene	12.839	202	4284m	3.676	ng	
81) Benzo(a)anthracene	14.027	228	1956	2.033	ng	96
88) Benzo(b)fluoranthene	15.080	252	2151m	2.235	ng	

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

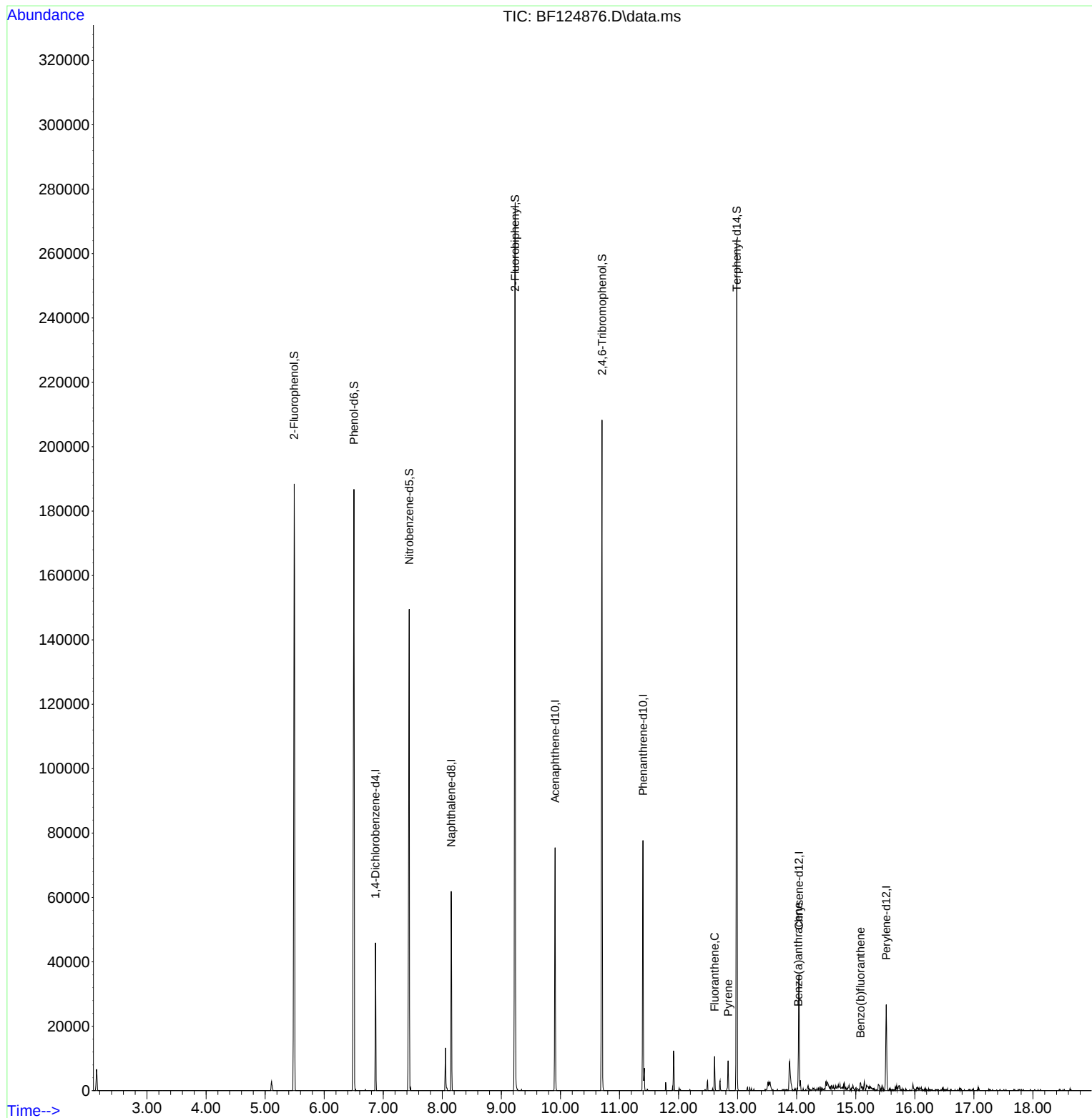
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
Data File : BF124876.D
Acq On : 30 Jul 2021 15:05
Operator : JU/CG
Sample : M3217-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

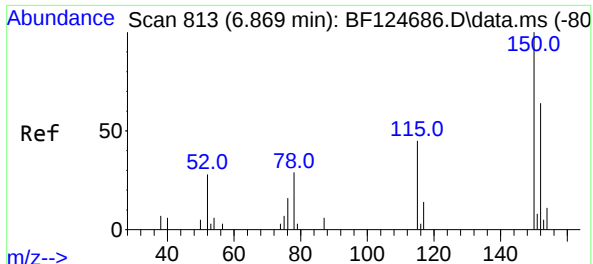
Instrument :
BNA_F
ClientSampleId :
280

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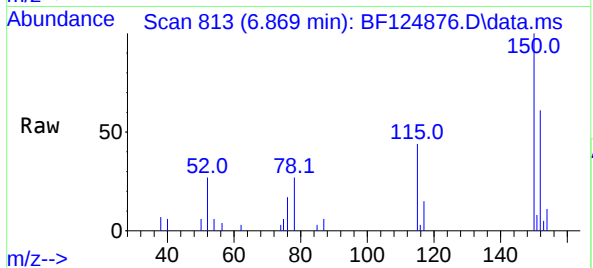
Quant Time: Jul 30 16:11:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

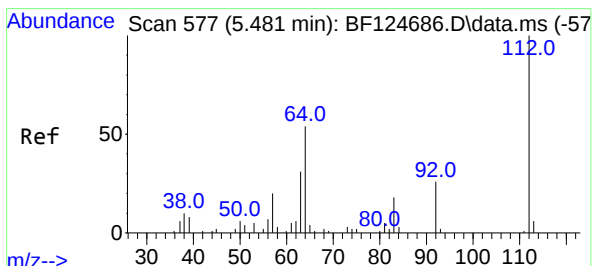
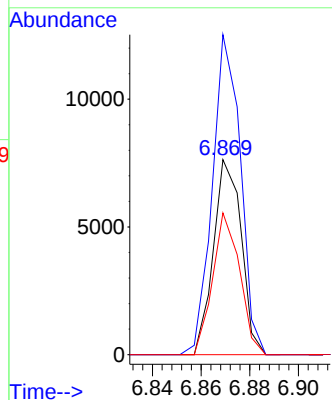
Instrument :
BNA_F
ClientSampled :
280



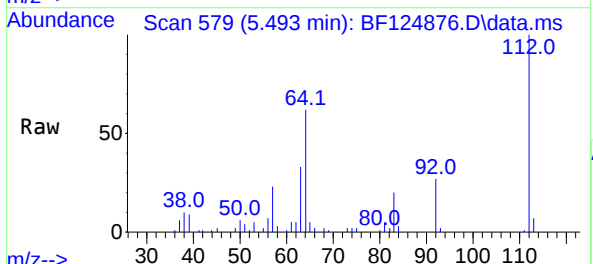
Tgt Ion:152 Resp: 6066
Ion Ratio Lower Upper
152 100
150 164.0 117.6 176.4
115 72.7 47.1 70.7#

Manual Integrations
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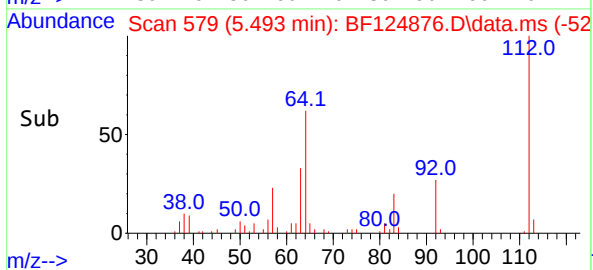
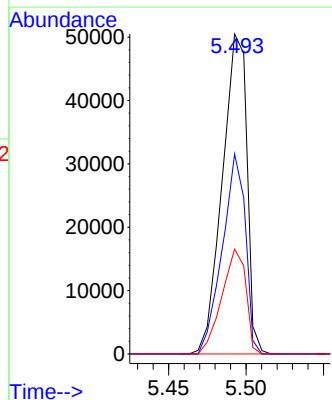
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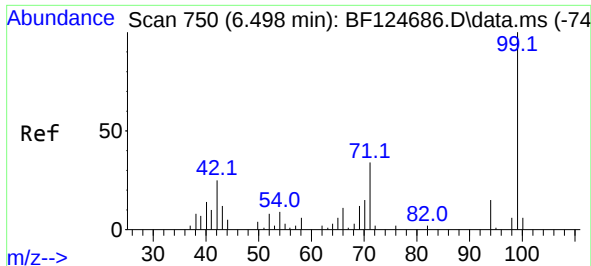


#5
2-Fluorophenol
Concen: 155.751 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



Tgt Ion:112 Resp: 55800
Ion Ratio Lower Upper
112 100
64 62.5 44.2 66.2
63 32.8 26.2 39.2





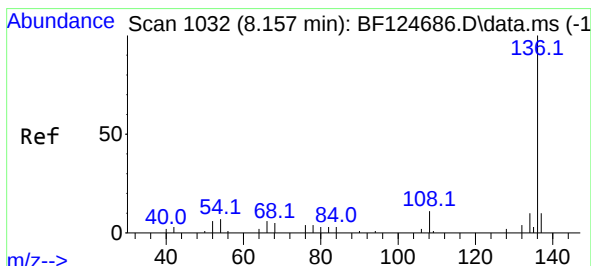
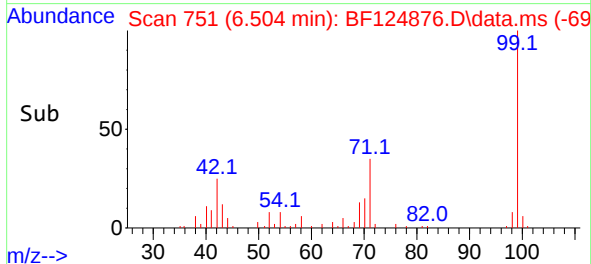
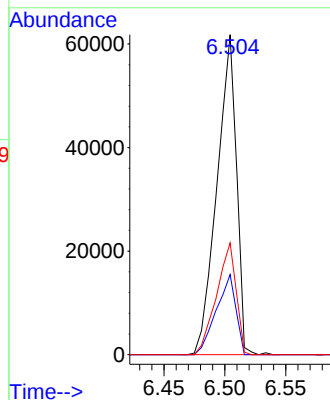
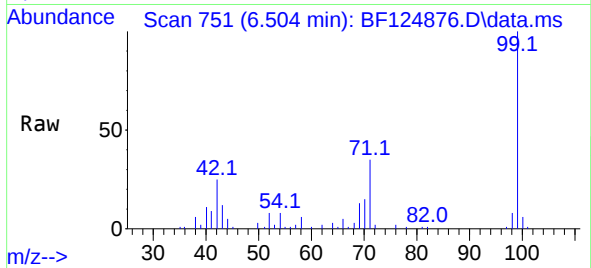
#7
Phenol-d6
Concen: 153.462 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

Tgt Ion: 99	Resp: 68926
Ion Ratio	Lower Upper
99 100	
42 25.0	23.5 35.3
71 35.0	25.6 38.4

Instrument :
BNA_F
ClientSampled :
280

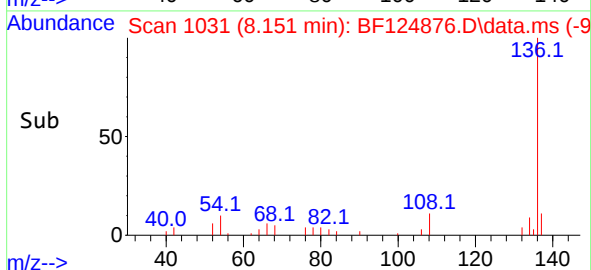
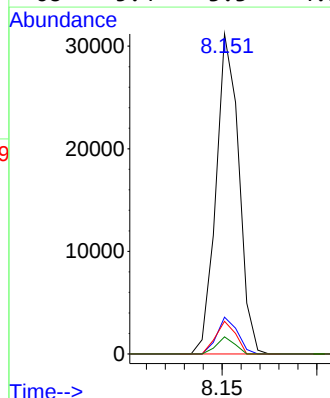
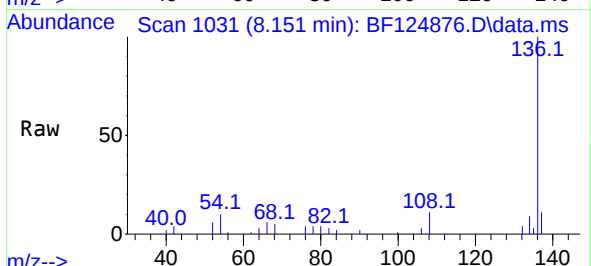
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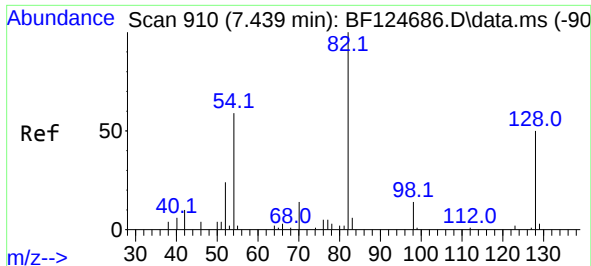
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

Tgt Ion	136	Resp:	26126
	Ratio	Lower	Upper
136	100		
137	11.5	9.8	14.6
54	10.2	6.4	9.6#
68	5.4	3.3	4.9#





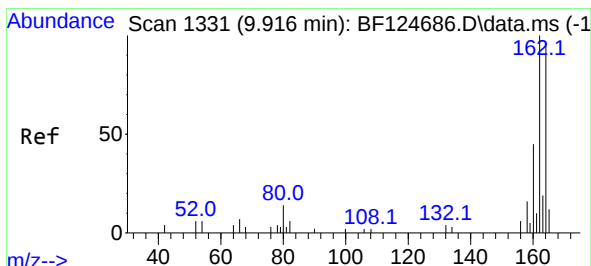
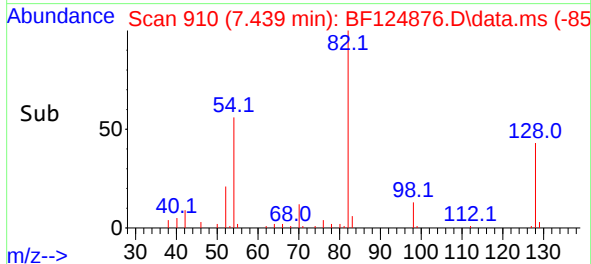
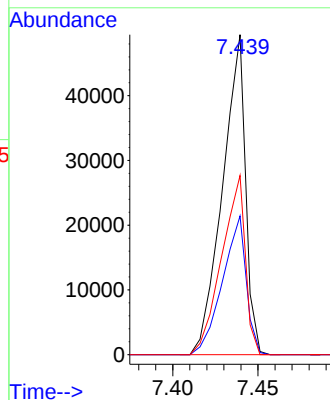
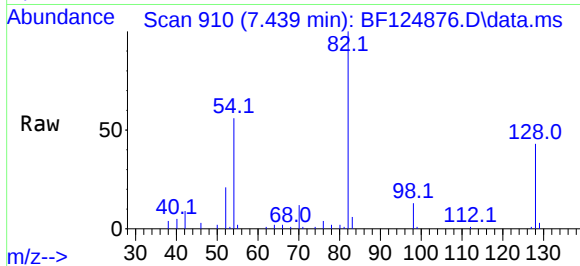
#23
Nitrobenzene-d5
Concen: 106.032 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

Tgt Ion: 82 Resp: 46544
Ion Ratio Lower Upper
82 100
128 43.3 40.6 60.8
54 56.0 49.6 74.4

Instrument :
BNA_F
ClientSampled :
280

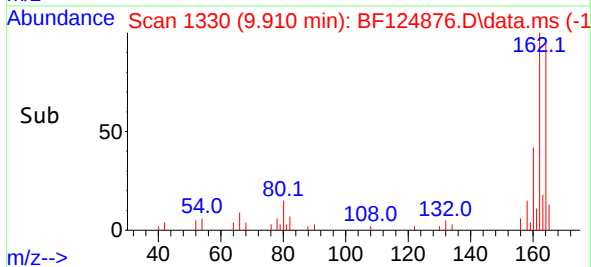
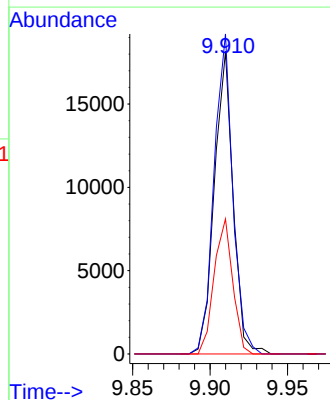
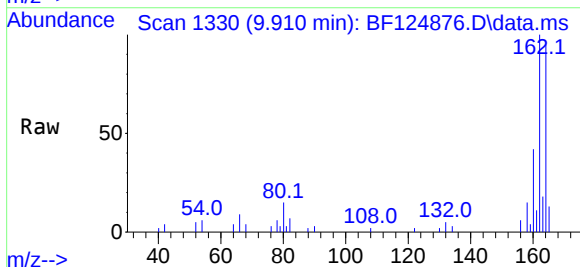
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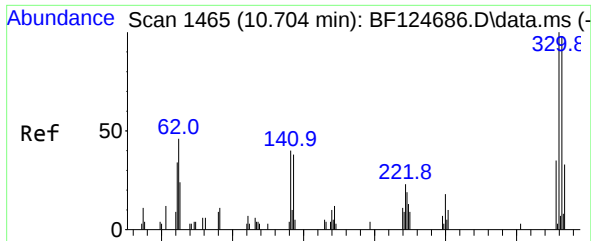
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

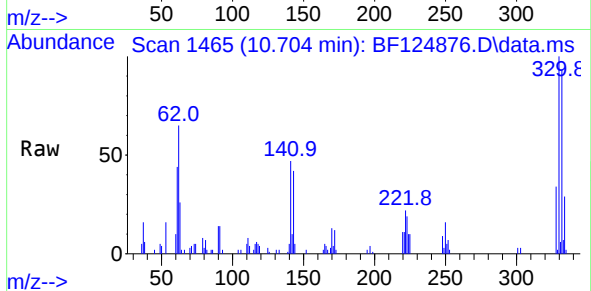
Tgt Ion:164 Resp: 15273
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 44.7 38.0 57.0





#42
2,4,6-Tribromophenol
Concen: 162.872 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

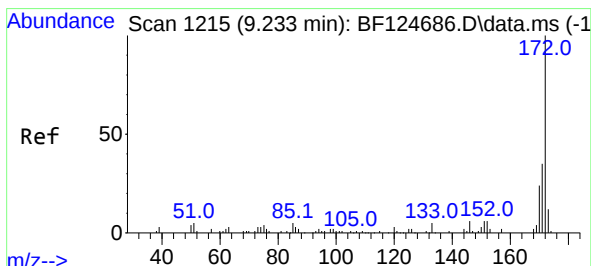
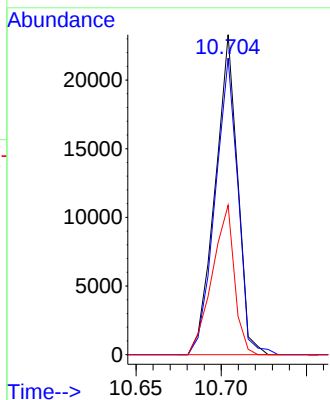
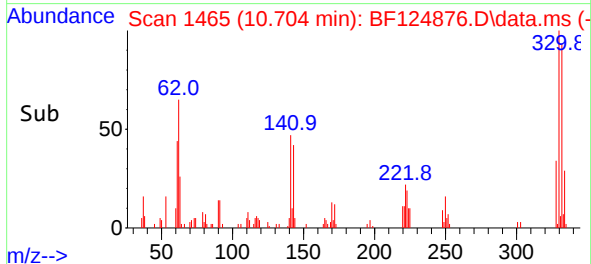
Instrument :
BNA_F
ClientSampled :
280



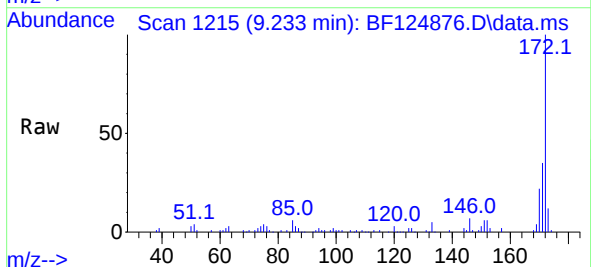
Tgt Ion: 330 Resp: 21358
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 46.2 44.6 66.8

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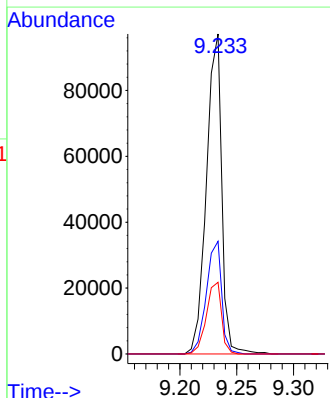
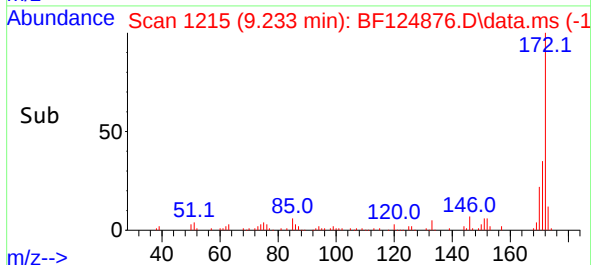
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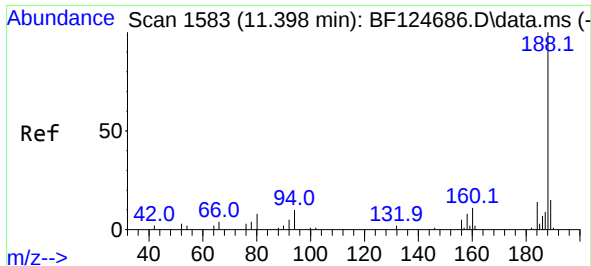


#45
2-Fluorobiphenyl
Concen: 87.506 ng
RT: 9.233 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



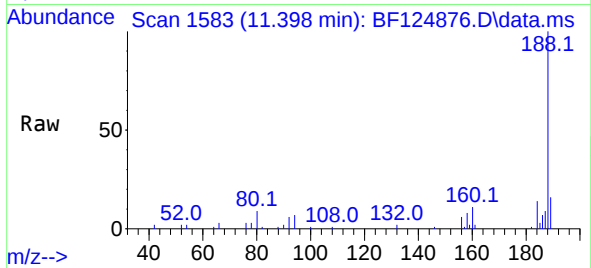
Tgt Ion: 172 Resp: 90994
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 22.4 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

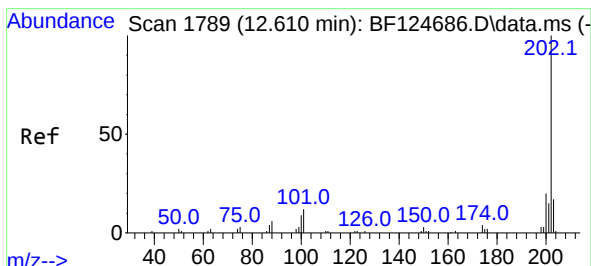
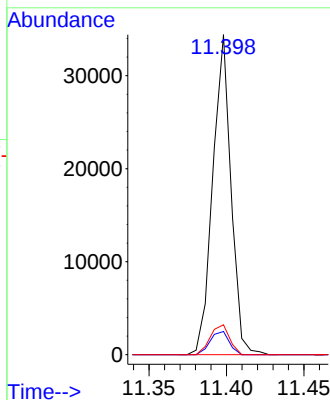
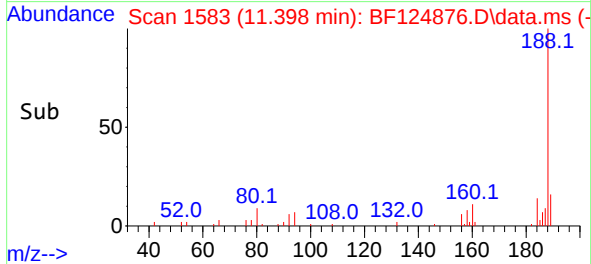
Instrument :
BNA_F
ClientSampled :
280



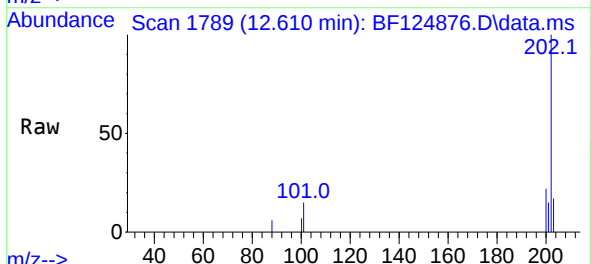
Tgt Ion:188 Resp: 28186
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 9.4 7.5 11.3

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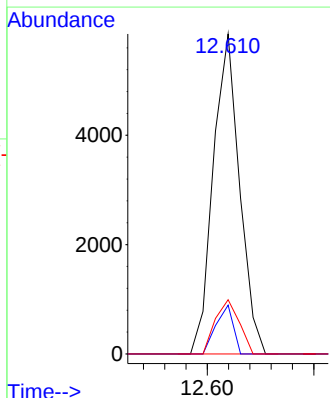
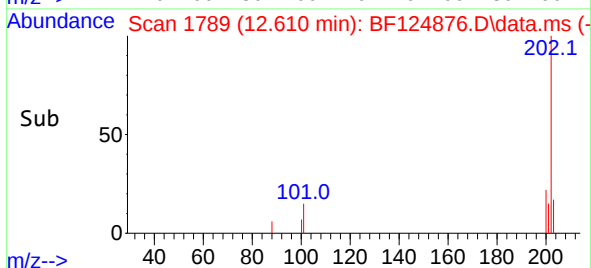
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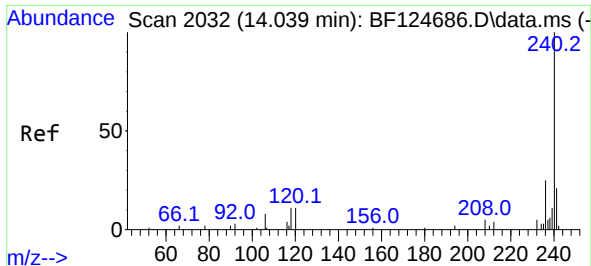


#75
Fluoranthene
Concen: 3.246 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



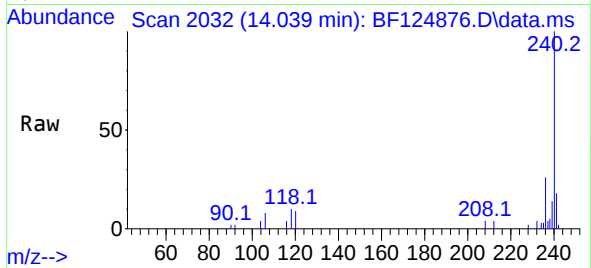
Tgt Ion:202 Resp: 5021
Ion Ratio Lower Upper
202 100
101 15.3 0.0 30.7
203 16.9 0.0 36.3





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

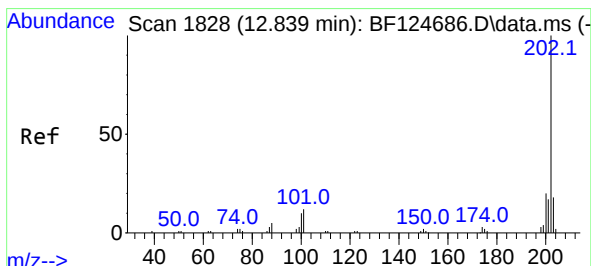
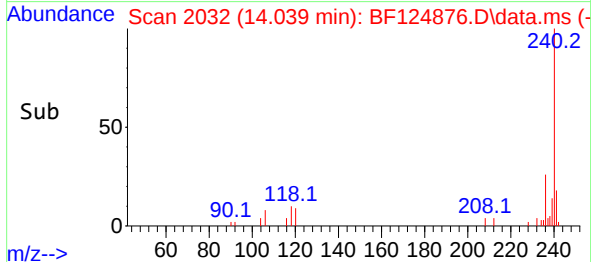
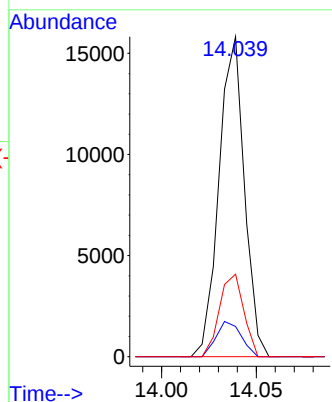
Instrument :
BNA_F
ClientSampled :
280



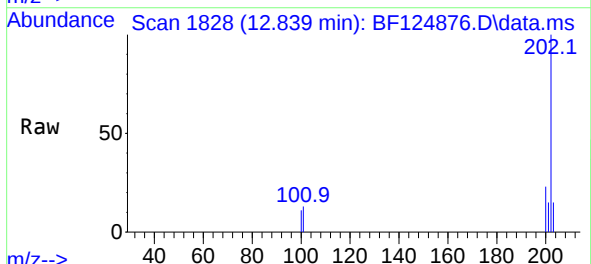
Tgt Ion:240 Resp: 14721
Ion Ratio Lower Upper
240 100
120 9.4 10.8 16.2#
236 25.8 21.6 32.4

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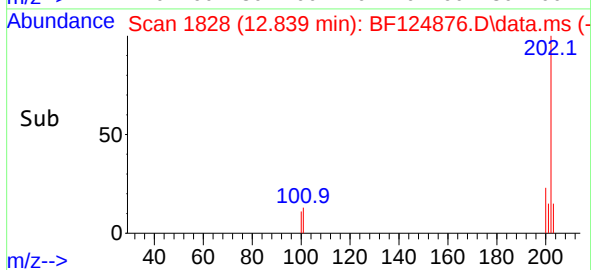
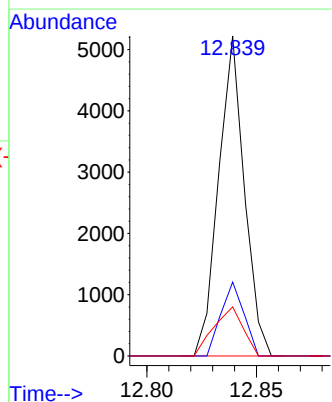
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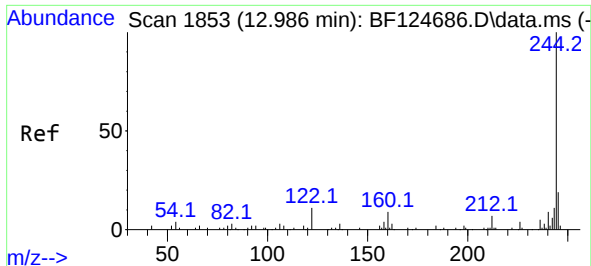


#78
Pyrene
Concen: 3.676 ng m
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

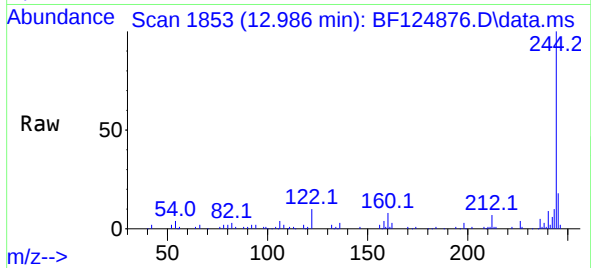


Tgt Ion:202 Resp: 4284
Ion Ratio Lower Upper
202 100
200 23.1 15.3 22.9#
203 15.4 13.4 20.0

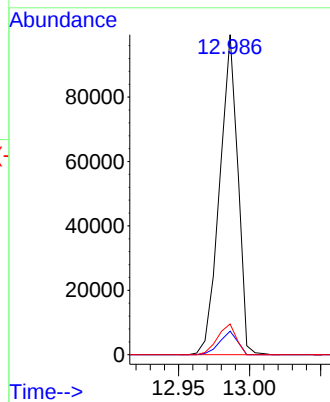
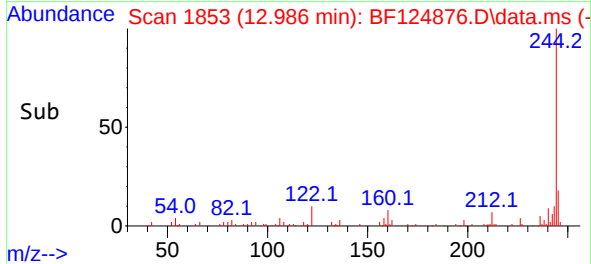




#79
Terphenyl-d14
Concen: 102.739 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



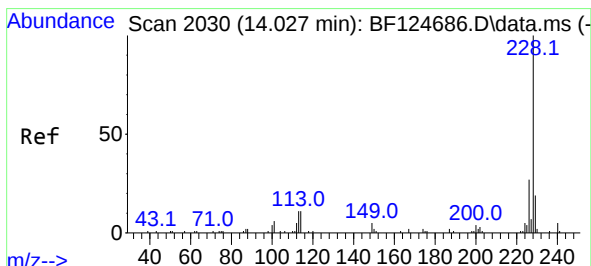
Tgt Ion:244 Resp: 88232
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 9.6 9.0 13.4



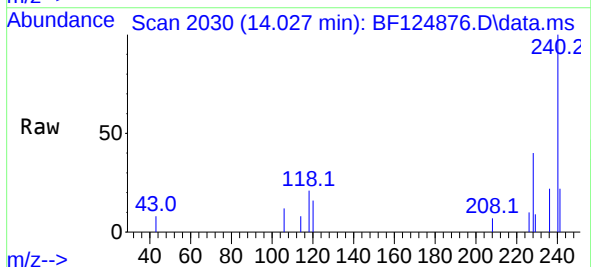
Instrument :
BNA_F
ClientSampled :
280

Manual Integrations
APPROVED

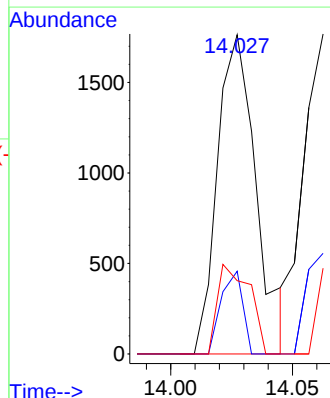
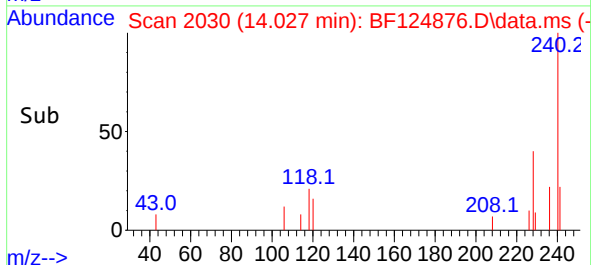
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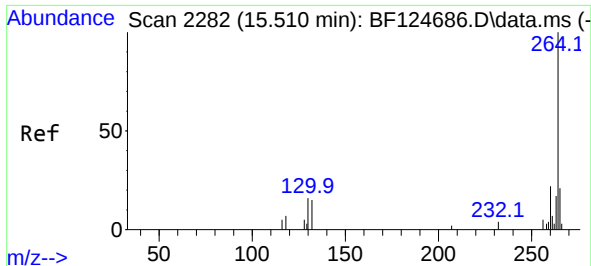


#81
Benzo(a)anthracene
Concen: 2.033 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05

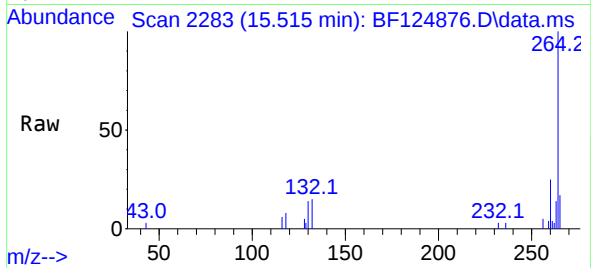


Tgt Ion:228 Resp: 1956
Ion Ratio Lower Upper
228 100
226 25.9 21.6 32.4
229 23.0 15.6 23.4

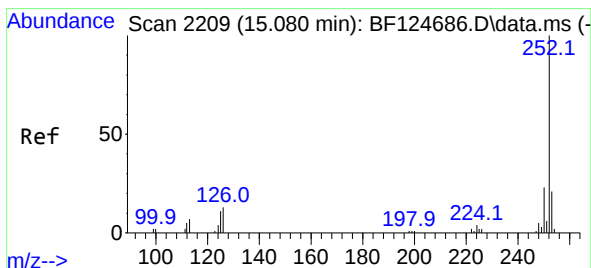
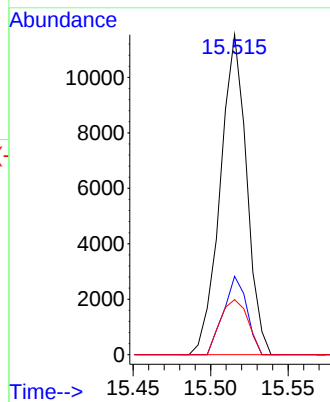
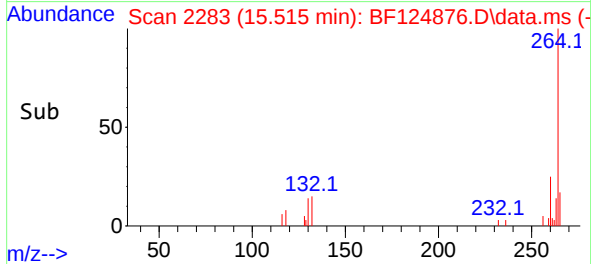




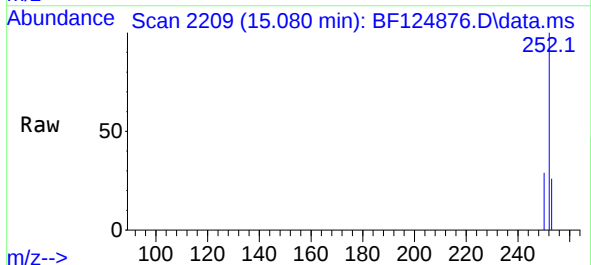
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



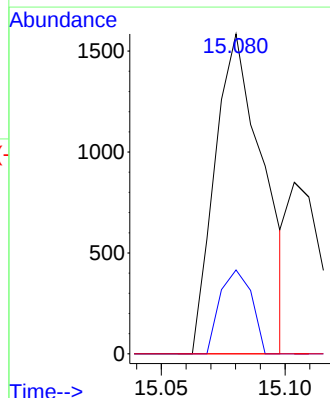
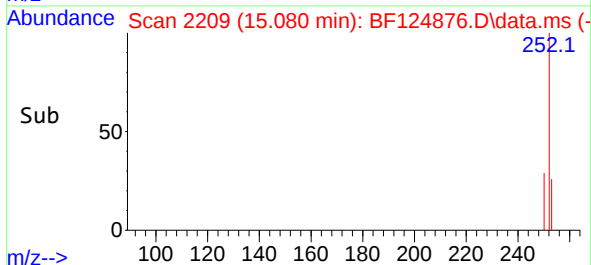
Tgt Ion:264 Resp: 13668
Ion Ratio Lower Upper
264 100
260 24.5 19.6 29.4
265 17.2 17.2 25.8#



#88
Benzo(b)fluoranthene
Concen: 2.235 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.000 min
Lab File: BF124876.D
Acq: 30 Jul 2021 15:05



Tgt Ion:252 Resp: 2151
Ion Ratio Lower Upper
252 100
253 26.2 16.8 25.2#
125 0.0 9.8 14.8#



Instrument :
BNA_F
ClientSampled :
280

Manual Integrations
APPROVED

mohammad
8/2/2021 3:44:39 PM