

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123987.D
 Acq On : 19 May 2021 13:28
 Operator : JU/CG
 Sample : M2433-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPLD

Manual Integrations
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Quant Time: May 19 13:59:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40167	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	149848	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	87924	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	163464	20.00	ng	0.00
76) Chrysene-d12	14.068	240	101793	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	100567	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	272338	95.20	ng	0.01
7) Phenol-d6	6.528	99	344478	92.82	ng	0.00
23) Nitrobenzene-d5	7.463	82	245443	70.57	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	111524	105.60	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	442769	61.97	ng	0.00
79) Terphenyl-d14	13.016	244	453129	67.42	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.657	163	60280	8.59	ng	96
75) Fluoranthene	12.645	202	30627	2.86	ng	96
78) Pyrene	12.874	202	23687	2.62	ng	98
88) Benzo(b)fluoranthene	15.121	252	16900m	2.17	ng	

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

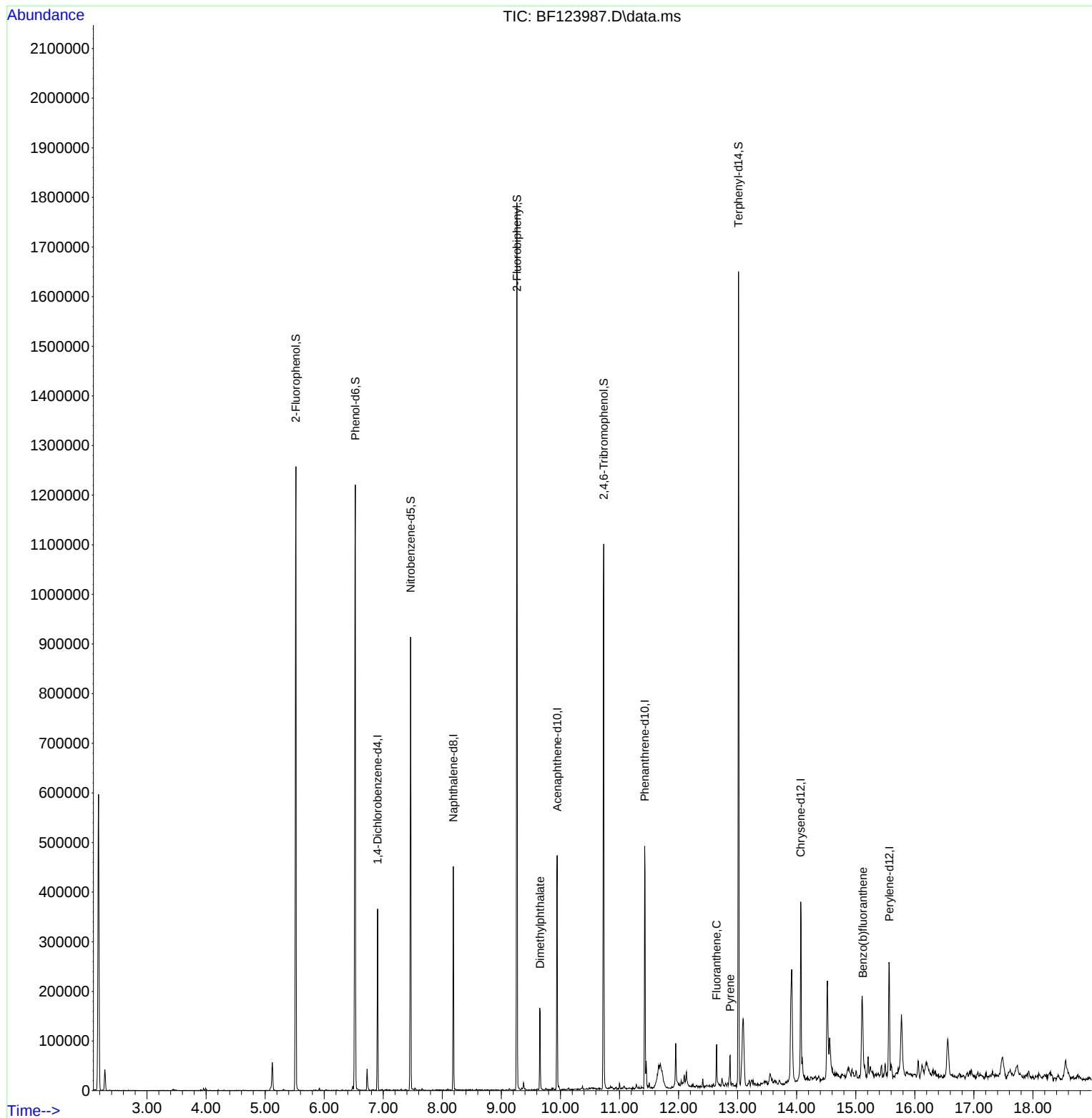
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123987.D
Acq On : 19 May 2021 13:28
Operator : JU/CG
Sample : M2433-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

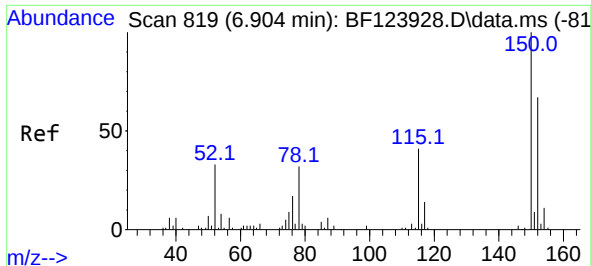
Instrument :
BNA_F
ClientSampleId :
GPLD

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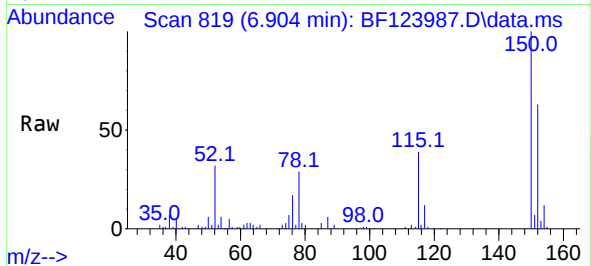
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

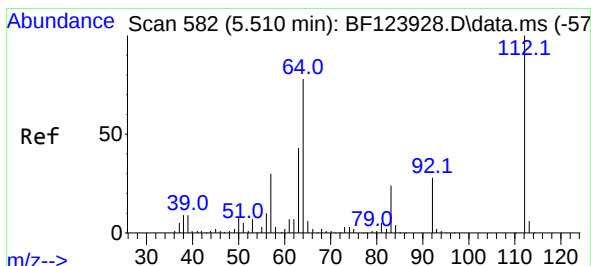
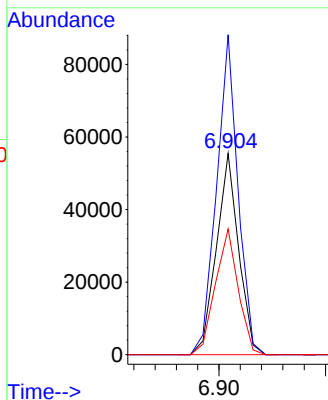
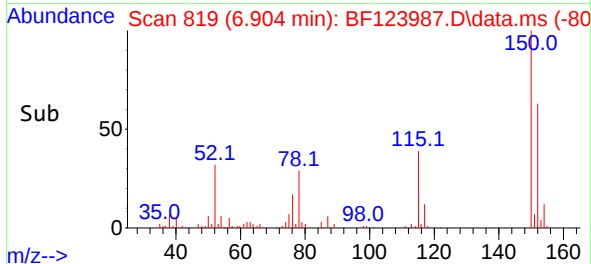
Instrument :
BNA_F
ClientSampled :
GPLD



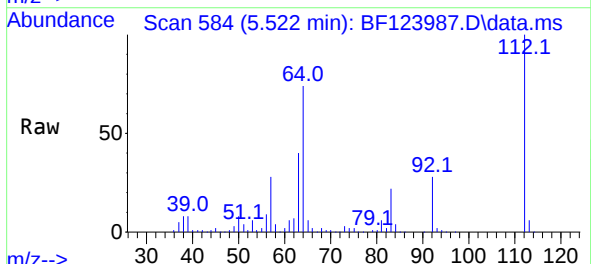
Tgt Ion:152 Resp: 40167
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 62.5 54.3 81.5

Manual Integrations
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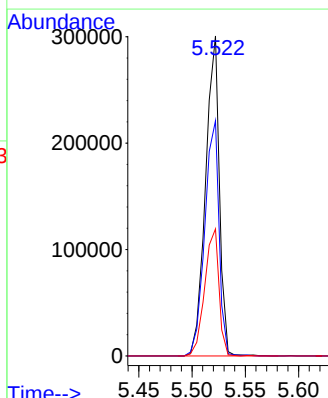
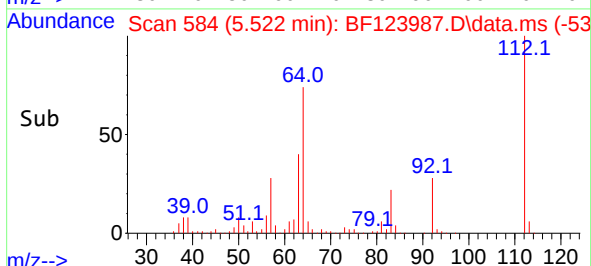
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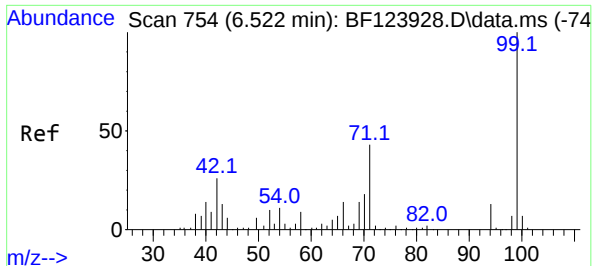


#5
2-Fluorophenol
Concen: 95.20 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



Tgt Ion:112 Resp: 272338
Ion Ratio Lower Upper
112 100
64 73.5 61.4 92.0
63 39.7 33.0 49.4





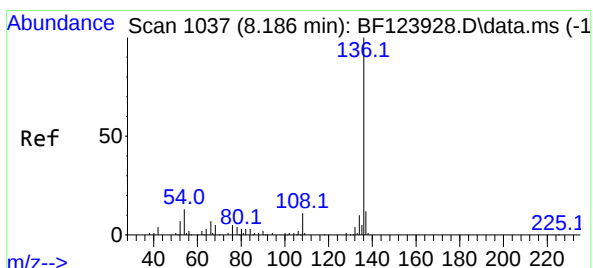
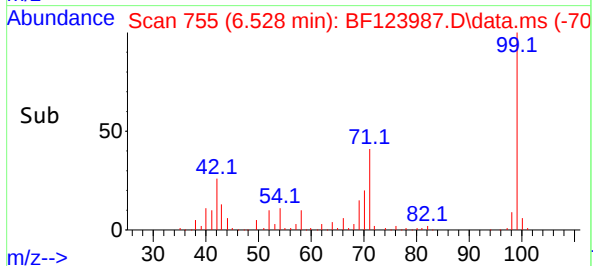
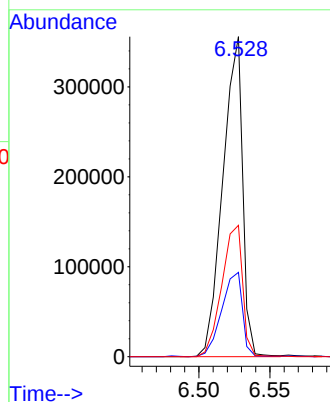
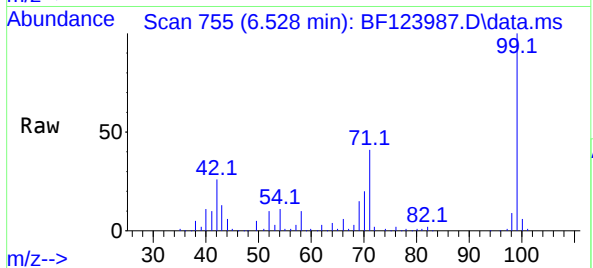
#7
Phenol-d6
Concen: 92.82 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 99 Resp: 344478
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 41.0 31.1 46.7

Instrument :
BNA_F
ClientSampled :
GPLD

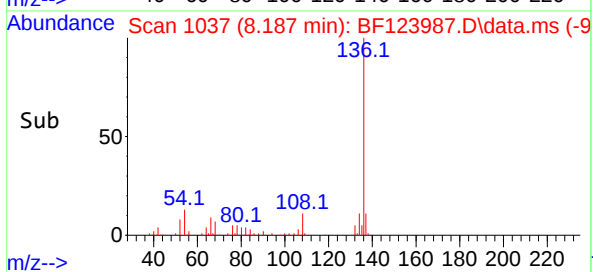
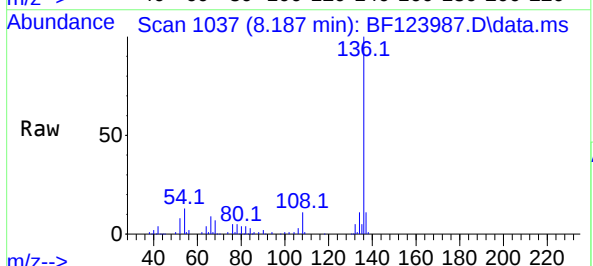
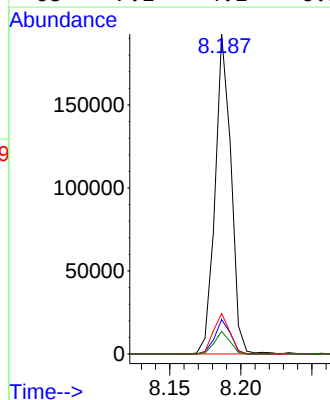
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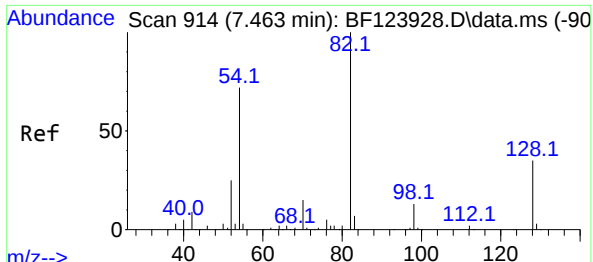
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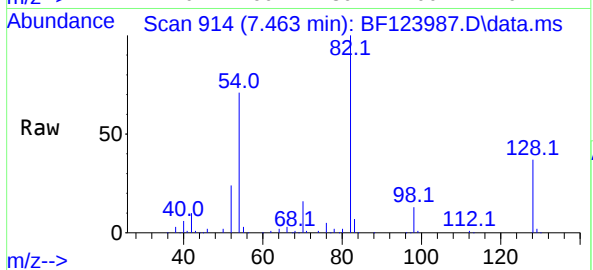
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 136 Resp: 149848
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.7 9.8 14.6
68 7.1 4.1 6.1#

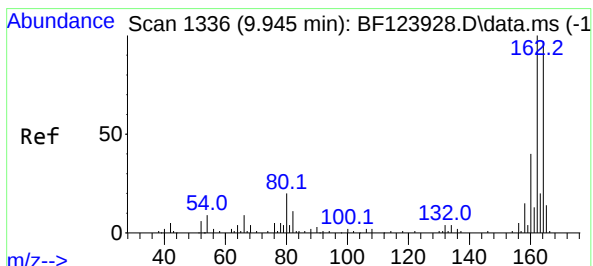
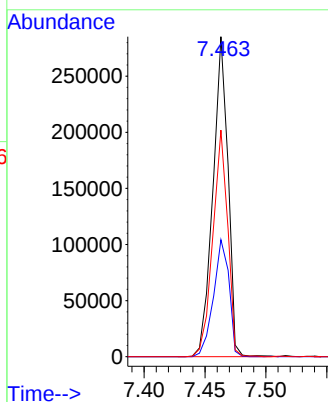
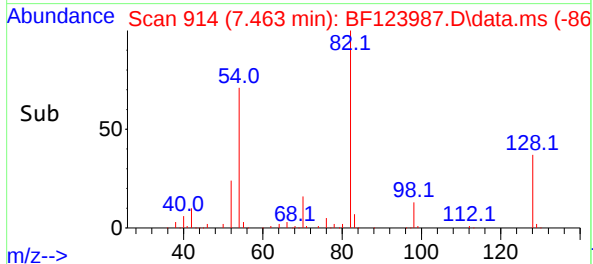




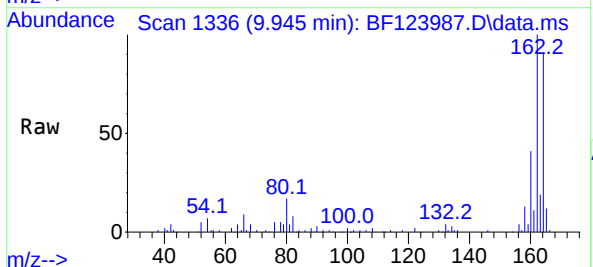
#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



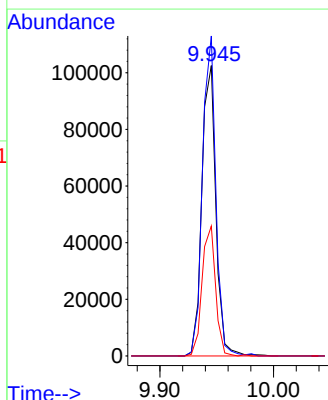
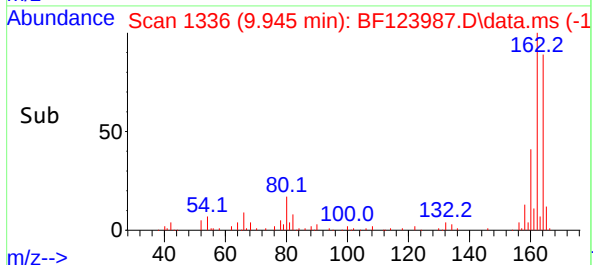
Tgt Ion: 82 Resp: 245443
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 70.8 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



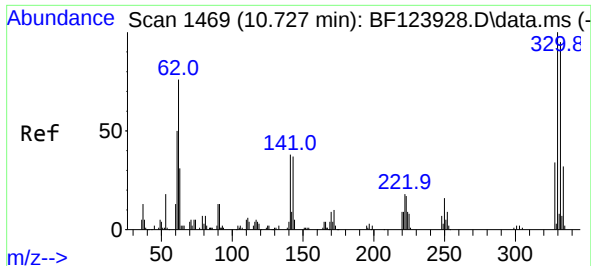
Tgt Ion: 164 Resp: 87924
Ion Ratio Lower Upper
164 100
162 110.2 80.7 121.1
160 44.7 37.3 55.9



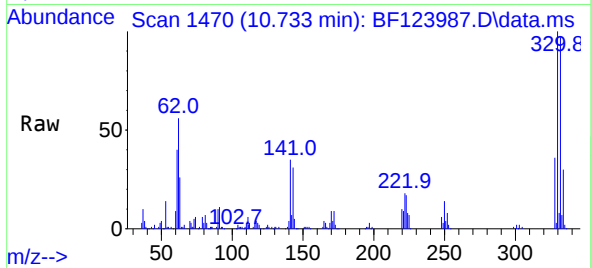
Instrument :
BNA_F
ClientSampled :
GPLD

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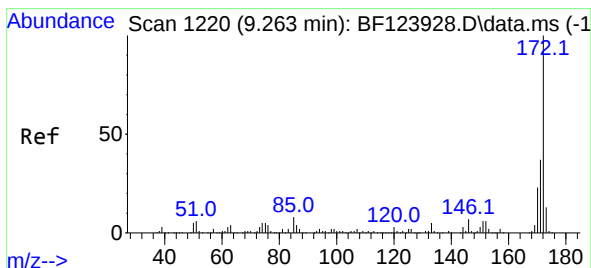
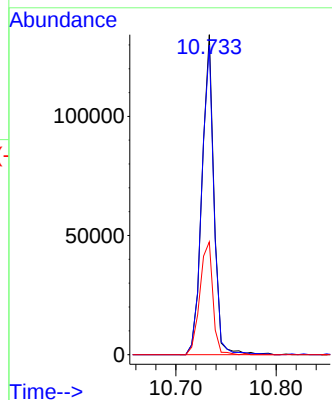
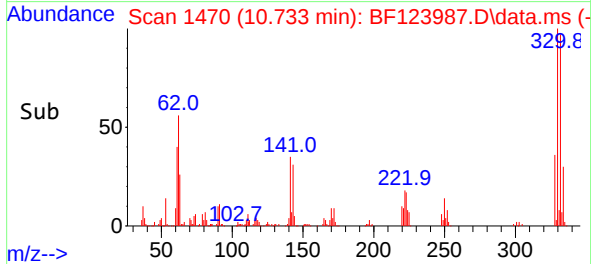
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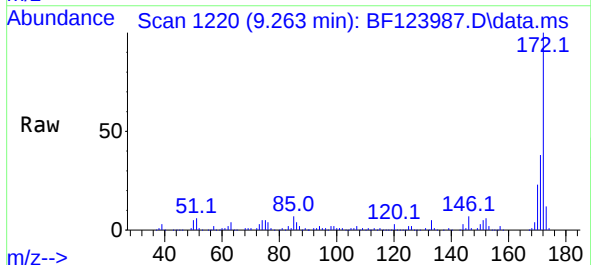
#42
2,4,6-Tribromophenol
Concen: 105.60 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



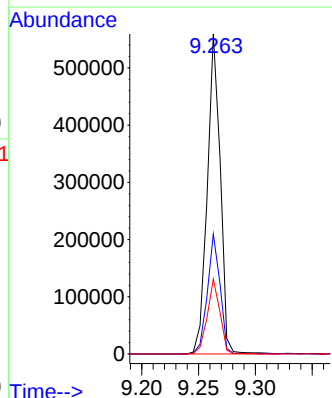
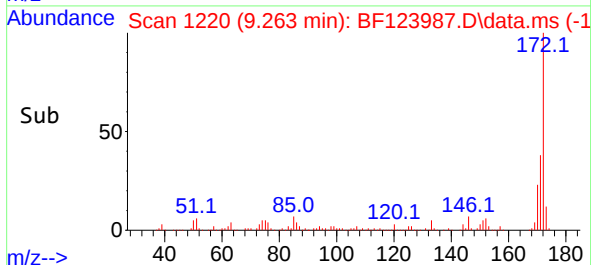
Tgt Ion: 330 Resp: 111524
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 38.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.97 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



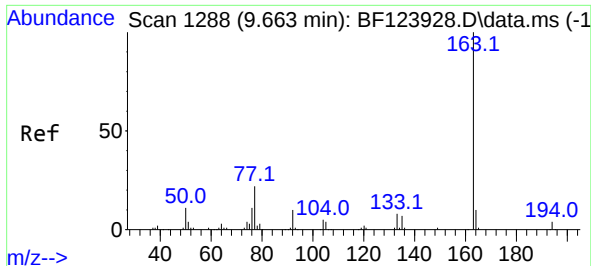
Tgt Ion: 172 Resp: 442769
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.4 19.2 28.8



Instrument :
BNA_F
ClientSampled :
GPLD

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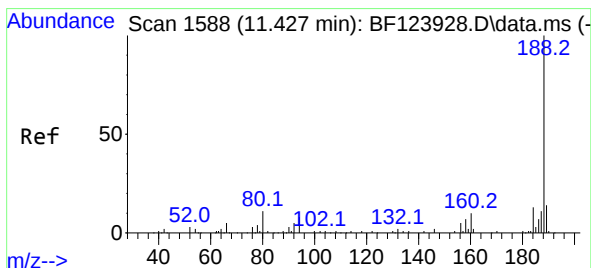
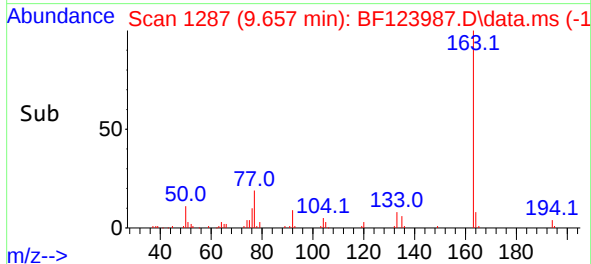
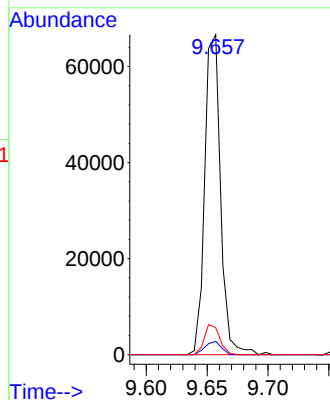
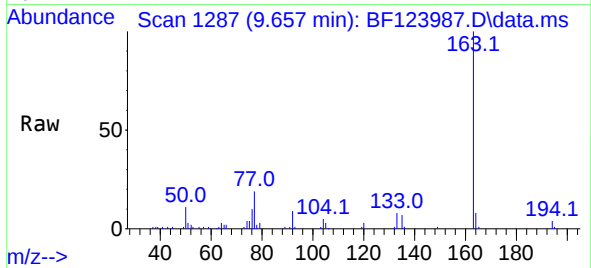
#50
Dimethylphthalate
Concen: 8.59 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:163 Resp: 60280
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 8.4 8.2 12.2

Instrument :
BNA_F
ClientSampled :
GPLD

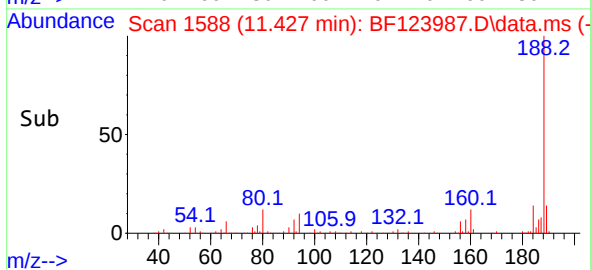
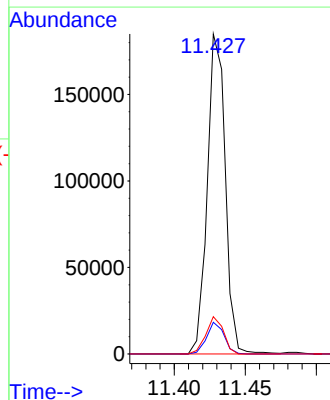
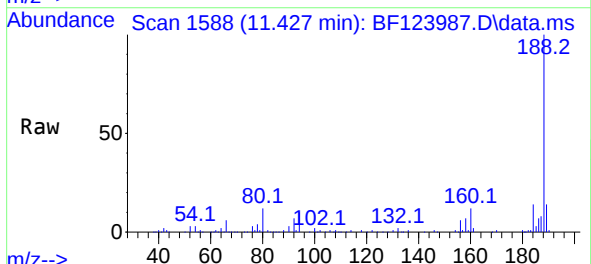
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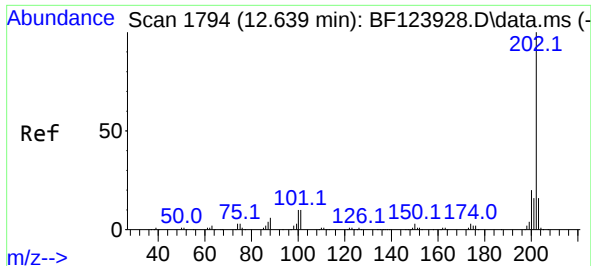
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

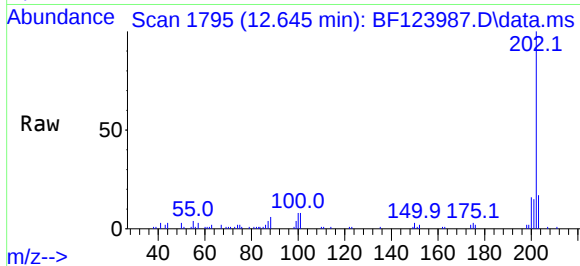
Tgt Ion:188 Resp: 163464
Ion Ratio Lower Upper
188 100
94 9.9 6.9 10.3
80 11.7 8.2 12.2





#75
Fluoranthene
Concen: 2.86 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

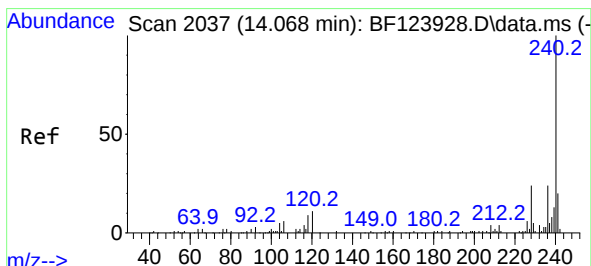
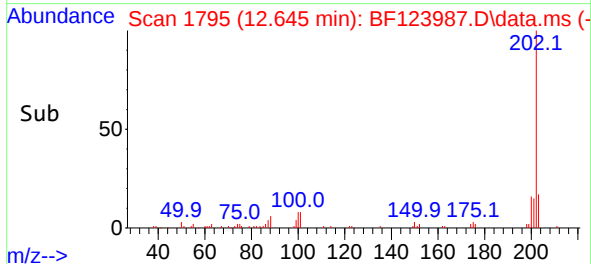
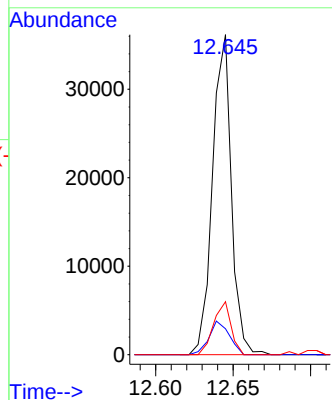
Instrument :
BNA_F
ClientSampled :
GPLD



Tgt Ion:202 Resp: 30627
Ion Ratio Lower Upper
202 100
101 8.1 0.0 30.9
203 16.5 0.0 37.5

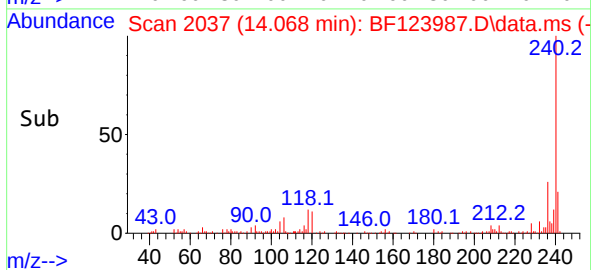
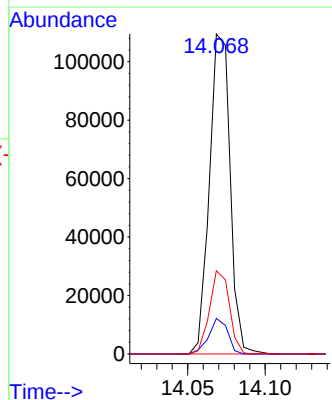
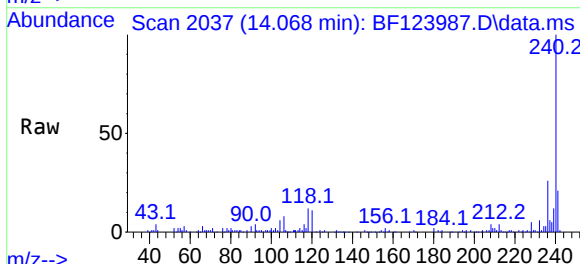
Manual Integrations
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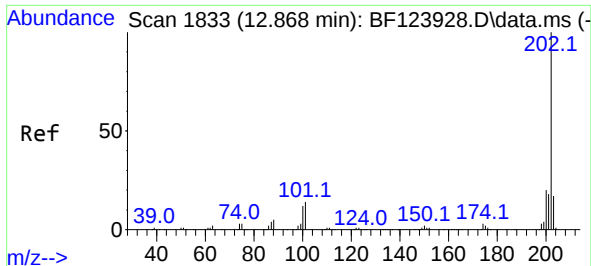
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

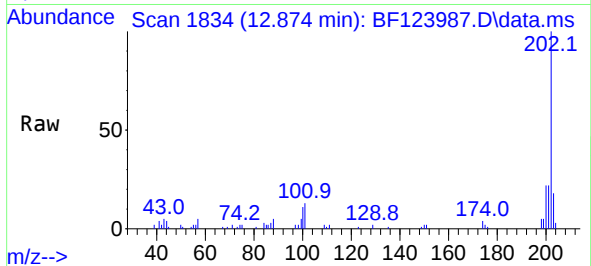
Tgt Ion:240 Resp: 101793
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.0 19.0 28.4





#78
Pyrene
Concen: 2.62 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

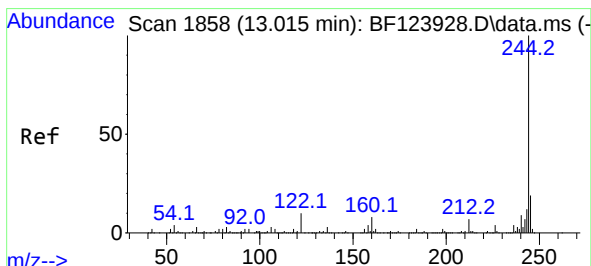
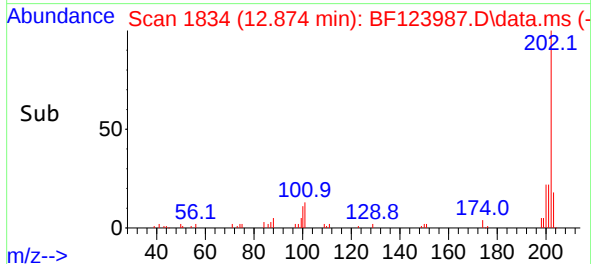
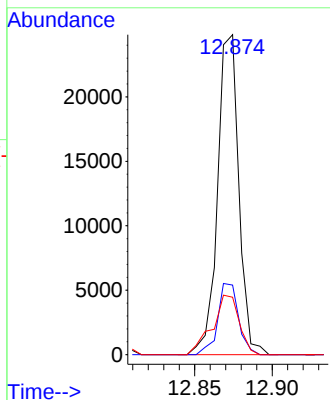
Instrument :
BNA_F
ClientSampled :
GPLD



Tgt Ion:202 Resp: 23687
Ion Ratio Lower Upper
202 100
200 21.8 16.1 24.1
203 18.0 14.8 22.2

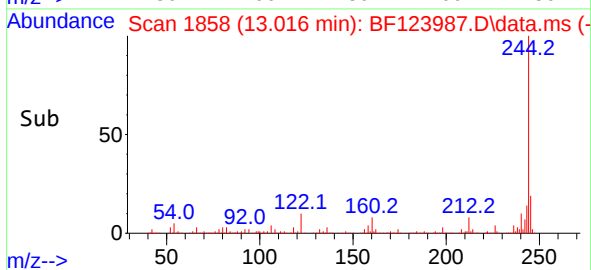
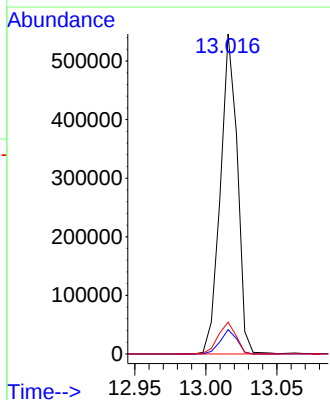
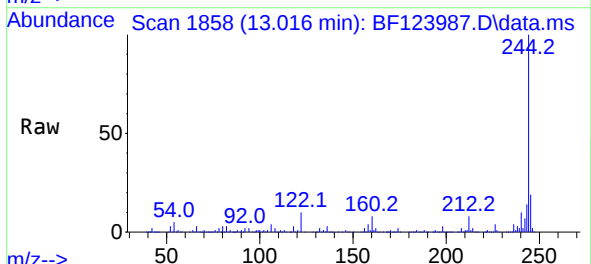
Manual Integrations
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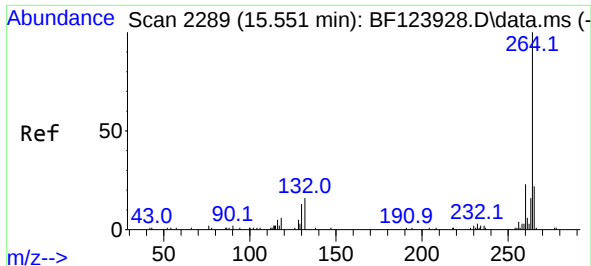
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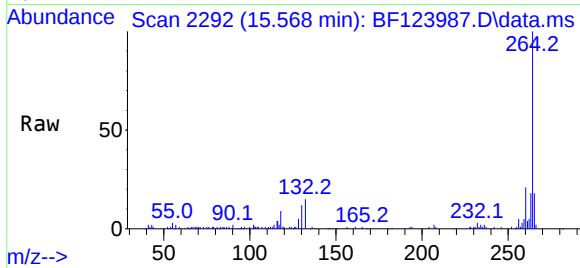
#79
Terphenyl-d14
Concen: 67.42 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:244 Resp: 453129
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.0 9.7 14.5

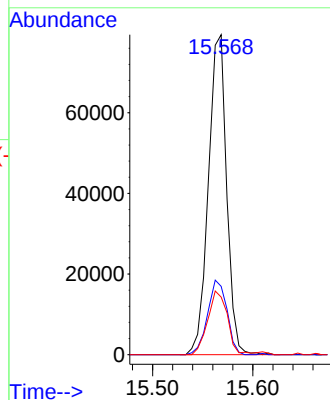
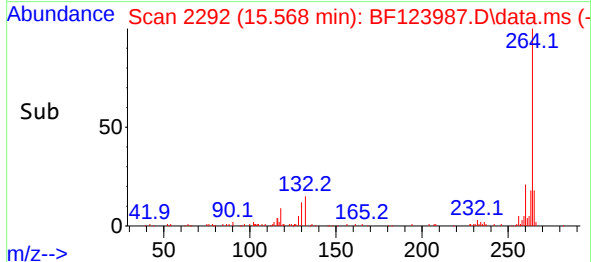




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



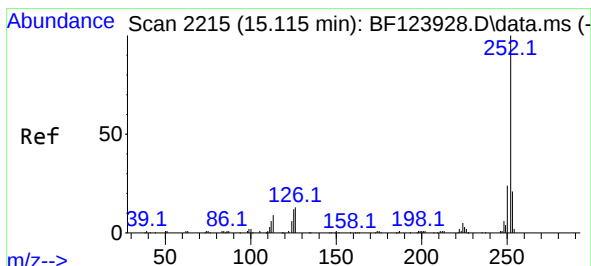
Tgt Ion:264 Resp: 100567
Ion Ratio Lower Upper
264 100
260 21.4 18.7 28.1
265 18.0 17.8 26.8



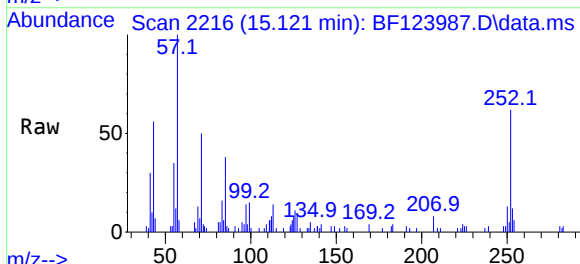
Instrument :
BNA_F
ClientSampled :
GPLD

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:45 AM



#88
Benzo(b)fluoranthene
Concen: 2.17 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28



Tgt Ion:252 Resp: 16900
Ion Ratio Lower Upper
252 100
253 18.5 18.1 27.1
125 12.9 6.2 9.4#

