

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123630.D
 Acq On : 19 Apr 2021 19:21
 Operator : JU/CG
 Sample : M2063-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-0-2

Manual Integrations
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mohammad
 4/21/2021 8:34:51 AM

Quant Time: Apr 20 03:04:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 10:31:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	243128	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	880163	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	410201	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	694912	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	528024	20.00	ng	-0.02
86) Perylene-d12	15.521	264	519956	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1676892	111.48	ng	0.00
7) Phenol-d6	6.498	99	2200585	105.57	ng	0.00
23) Nitrobenzene-d5	7.422	82	1575199	82.27	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	531771	114.48	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2238063	81.33	ng	-0.01
79) Terphenyl-d14	12.986	244	1810324	66.63	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	9.616	163	89506	3.16	ng	98
71) Phenanthrene	11.416	178	72909	2.01	ng	99
75) Fluoranthene	12.610	202	120240	3.02	ng	99
78) Pyrene	12.839	202	98788	2.56	ng	96
88) Benzo(b)fluoranthene	15.086	252	79193m	2.16	ng	

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

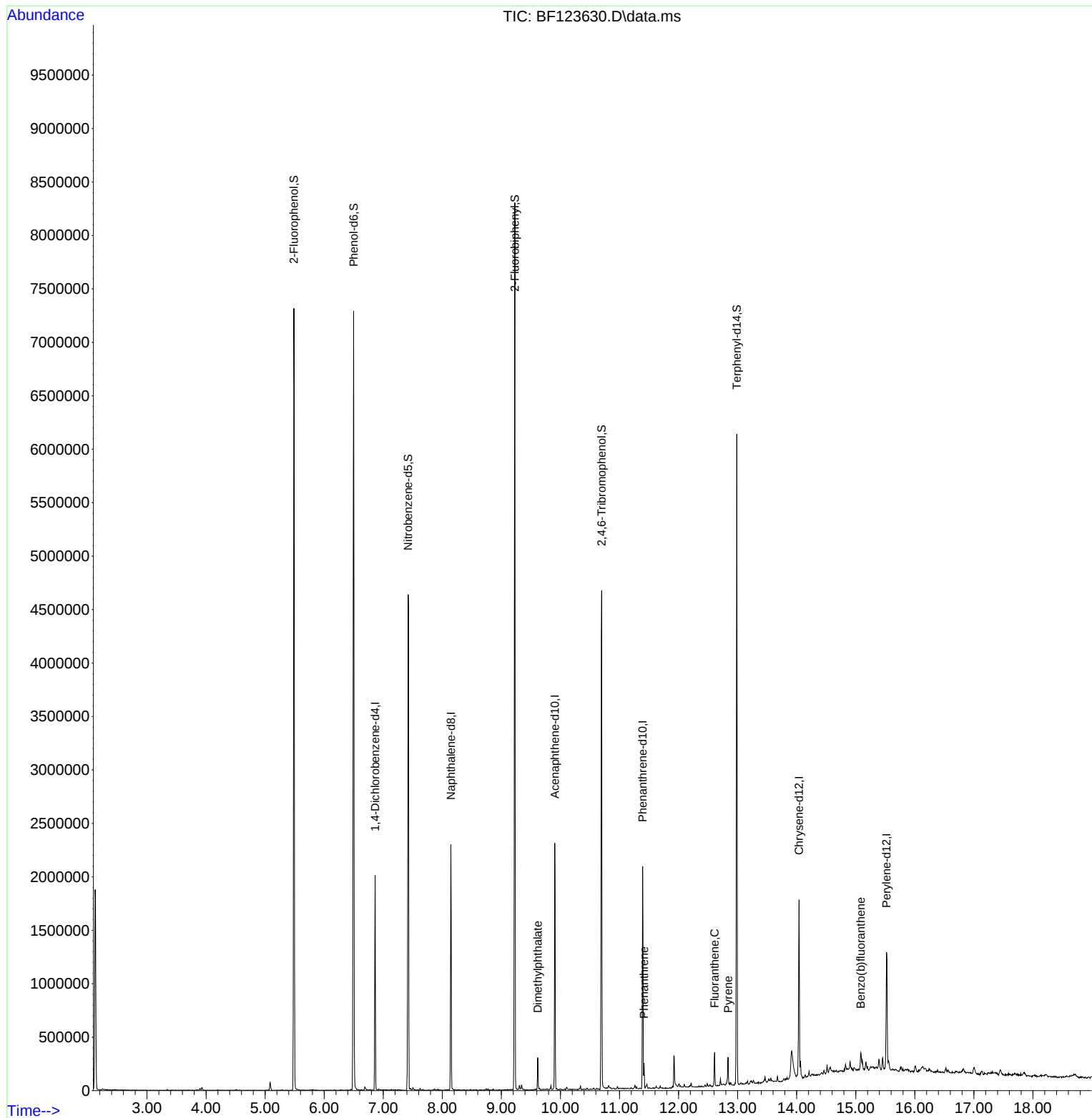
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123630.D
Acq On : 19 Apr 2021 19:21
Operator : JU/CG
Sample : M2063-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

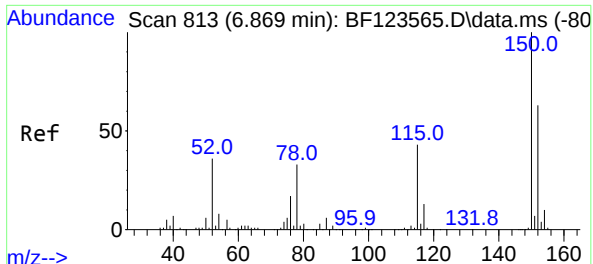
Instrument :
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ClientSampleId :
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Quant Time: Apr 20 03:04:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration





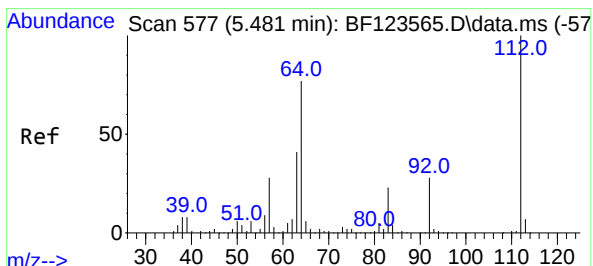
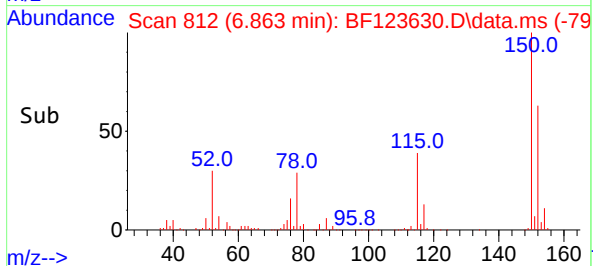
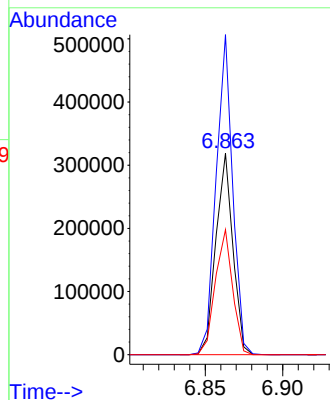
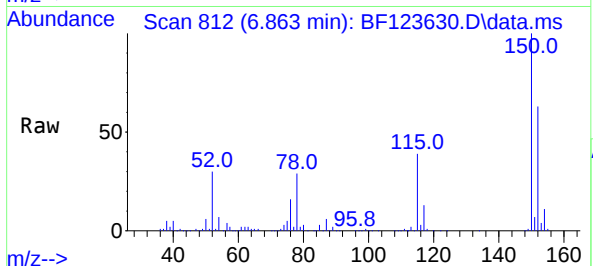
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:152 Resp: 243128
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 62.0 54.3 81.5

Instrument :
BNA_F
ClientSampled :
TP1-0-2

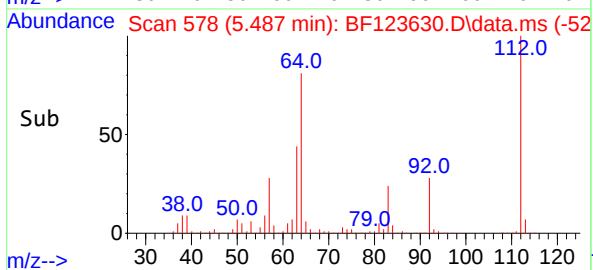
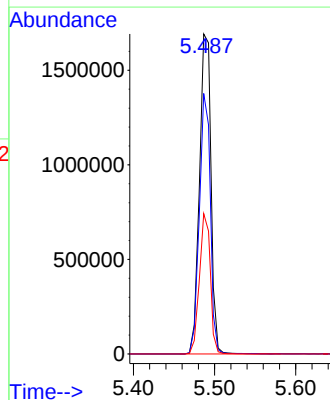
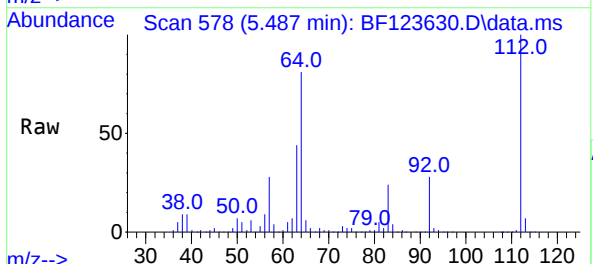
Manual Integrations
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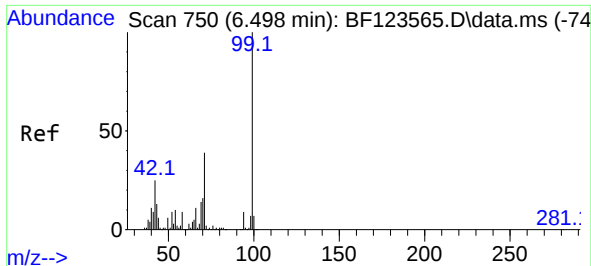
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#5
2-Fluorophenol
Concen: 111.48 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:112 Resp: 1676892
Ion Ratio Lower Upper
112 100
64 81.4 61.4 92.0
63 43.9 33.0 49.4





#7
Phenol-d6
Concen: 105.57 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

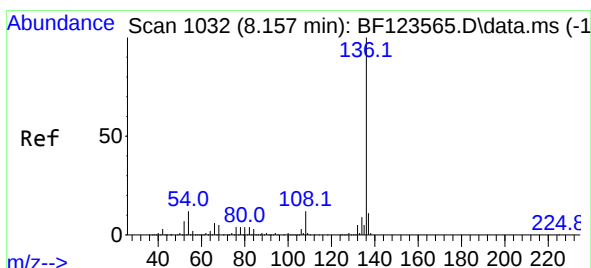
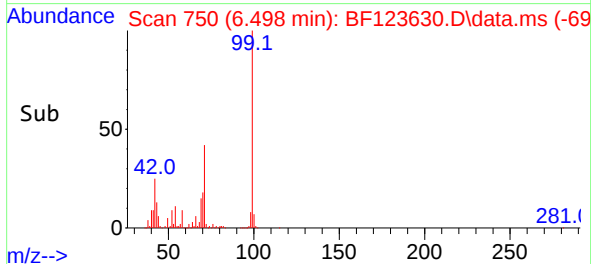
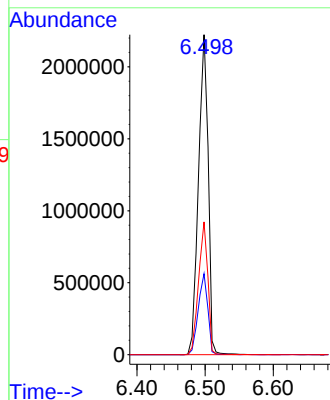
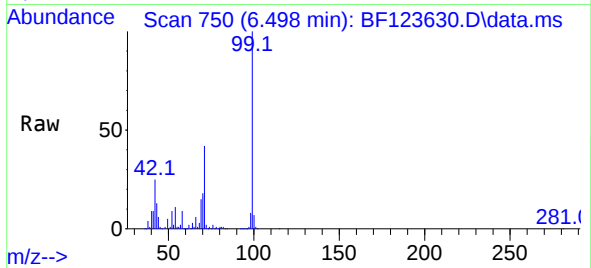
Tgt Ion: 99 Resp: 2200585

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.8
71	41.5	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
TP1-0-2

Manual Integrations
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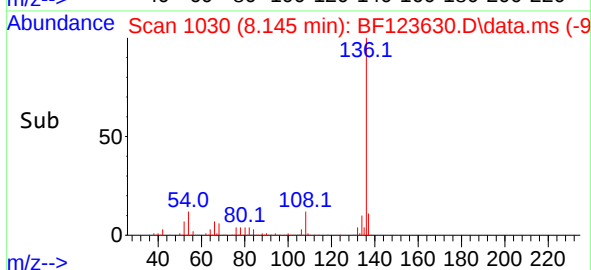
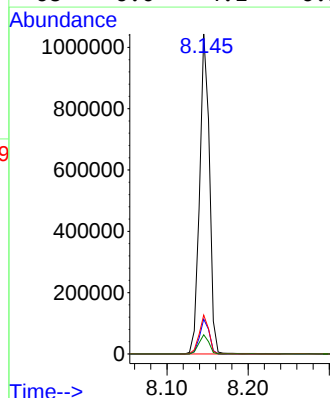
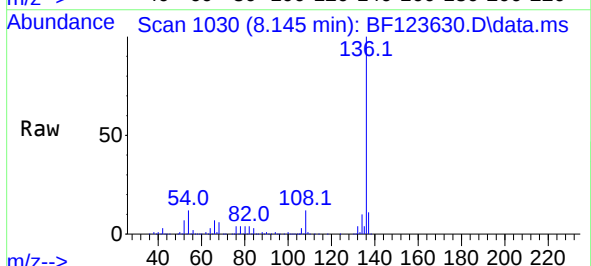
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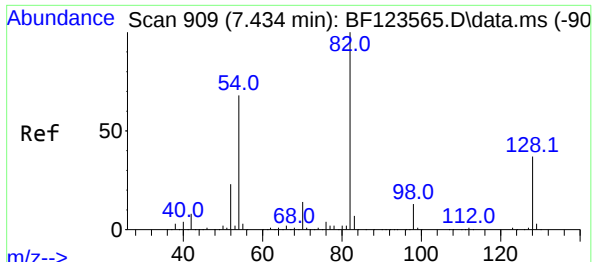


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

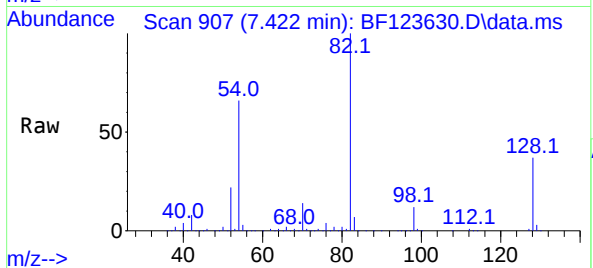
Tgt Ion: 136 Resp: 880163

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	12.2	9.8	14.6
68	6.0	4.1	6.1



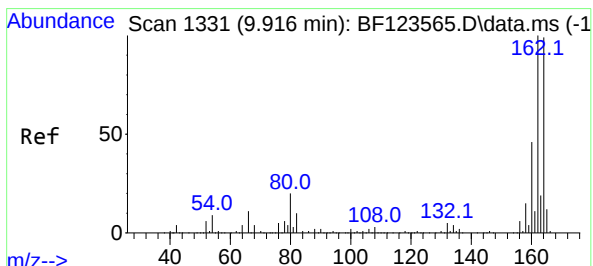
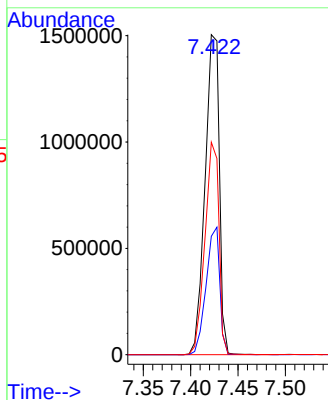
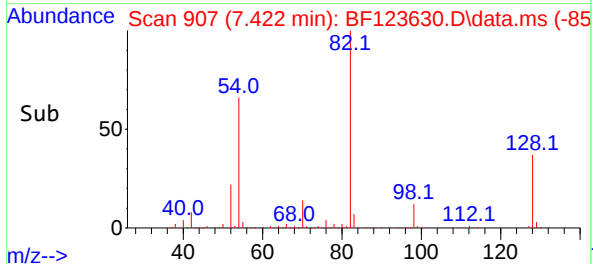


#23
Nitrobenzene-d5
Concen: 82.27 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

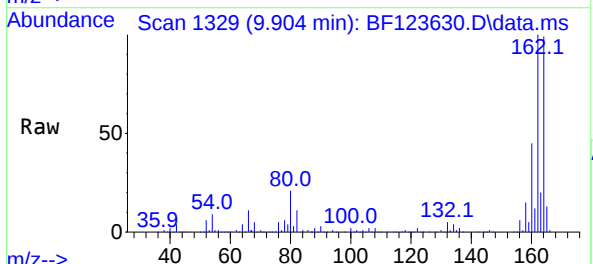


Tgt Ion: 82 Resp: 1575199

Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.4	44.2
54	66.4	54.1	81.1

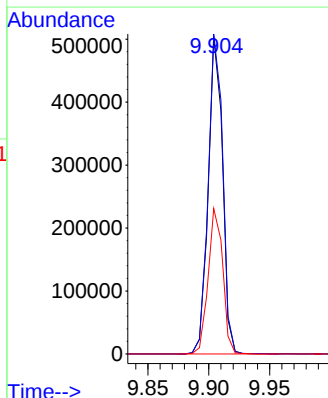
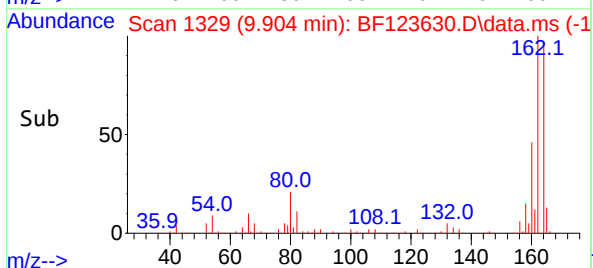


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



Tgt Ion: 164 Resp: 410201

Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.7	121.1
160	45.9	37.3	55.9



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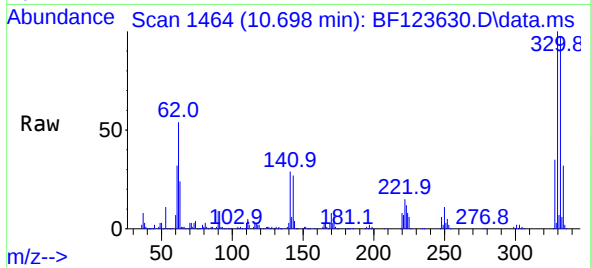
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#42
2,4,6-Tribromophenol
Concen: 114.48 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

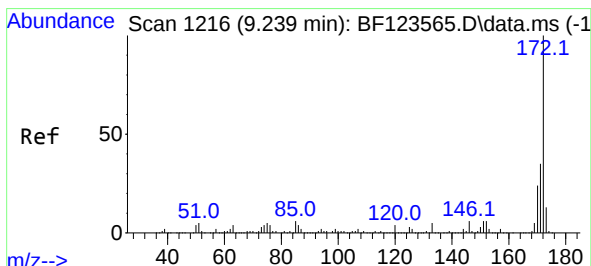
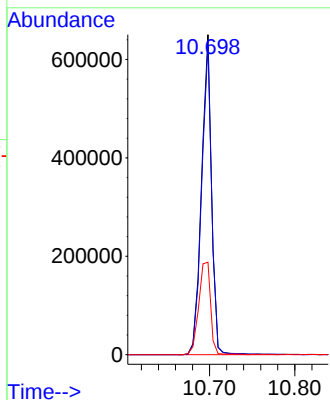
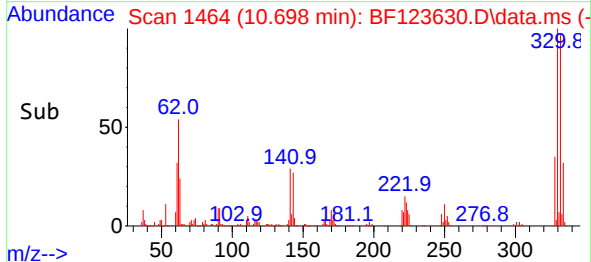
Instrument :
BNA_F
ClientSampled :
TP1-0-2



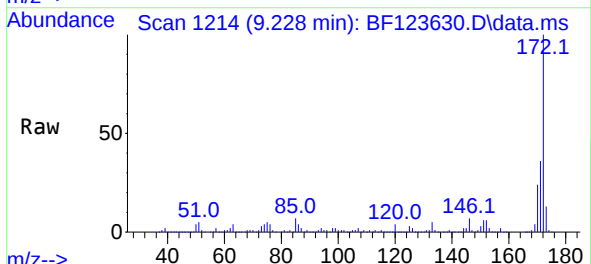
Tgt Ion:330 Resp: 531771
Ion Ratio Lower Upper
330 100
332 96.8 77.1 115.7
141 34.1 27.9 41.9

Manual Integrations
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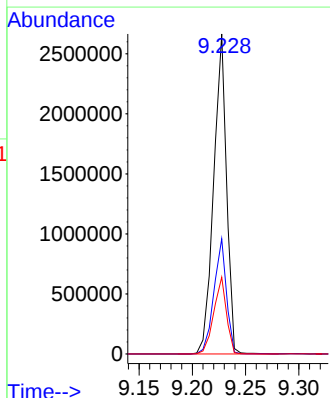
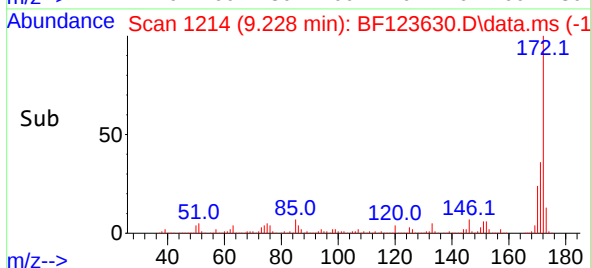
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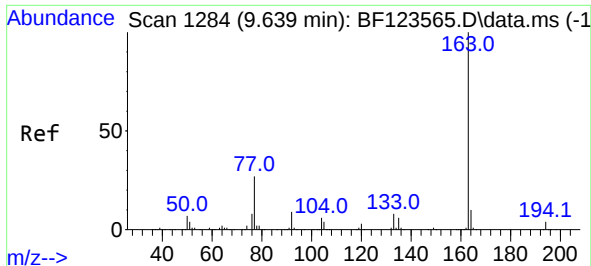


#45
2-Fluorobiphenyl
Concen: 81.33 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



Tgt Ion:172 Resp: 2238063
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 24.0 19.2 28.8





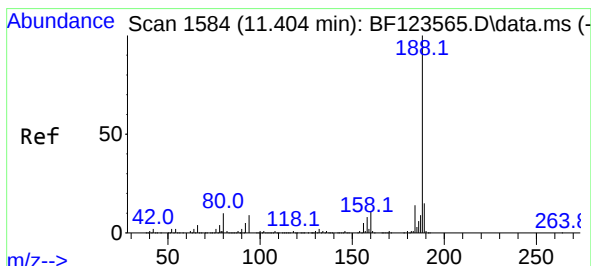
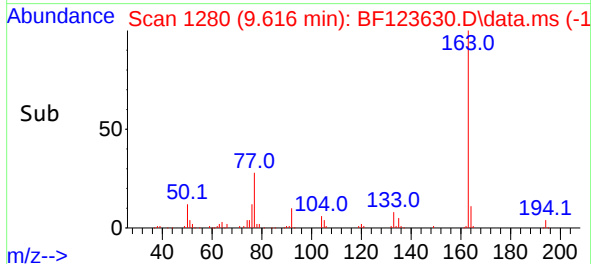
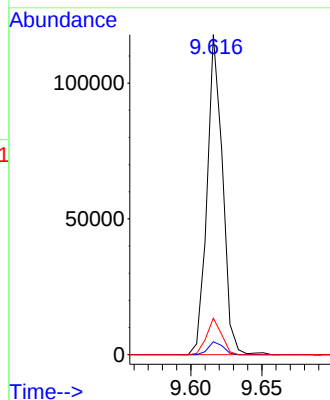
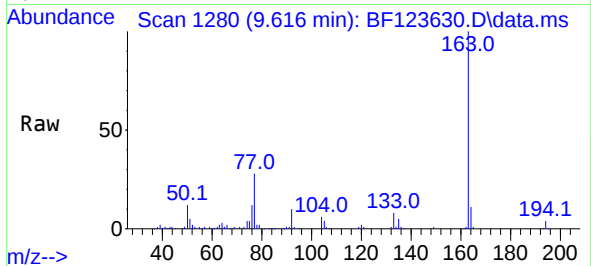
#50
Dimethylphthalate
Concen: 3.16 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:163 Resp: 89506
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 11.4 8.2 12.2

Instrument :
BNA_F
ClientSampled :
TP1-0-2

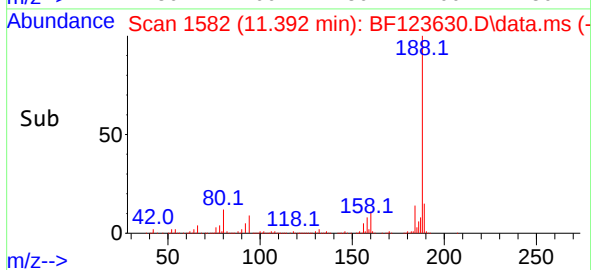
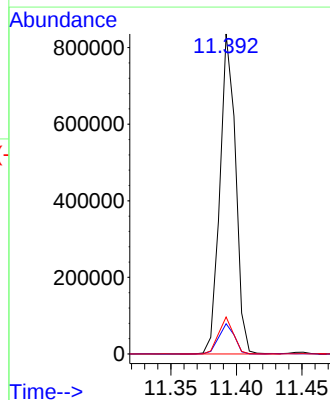
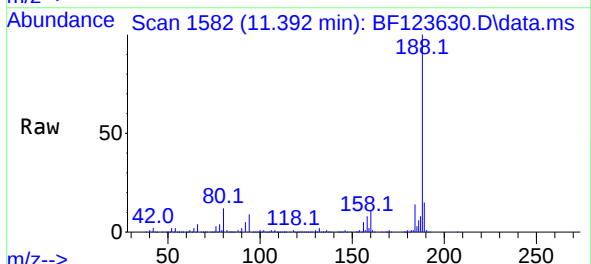
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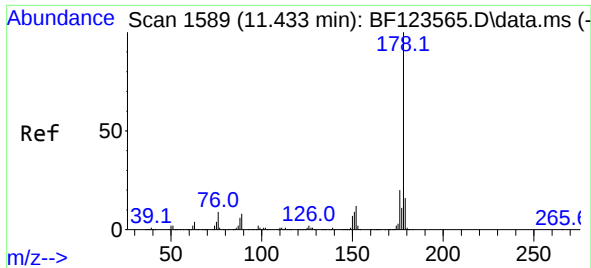
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:188 Resp: 694912
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.6 8.2 12.2





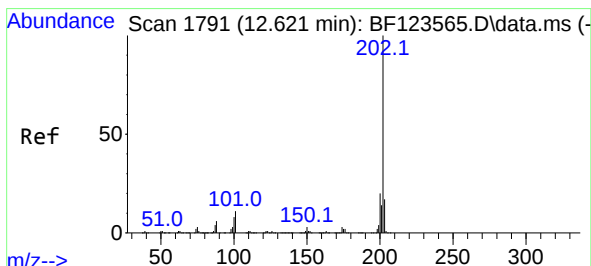
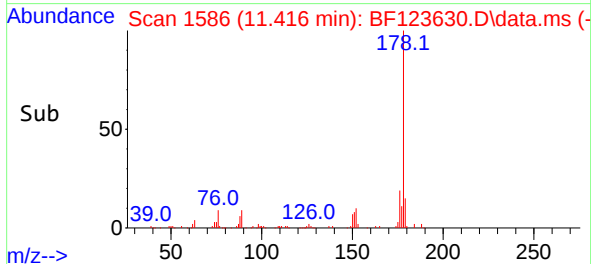
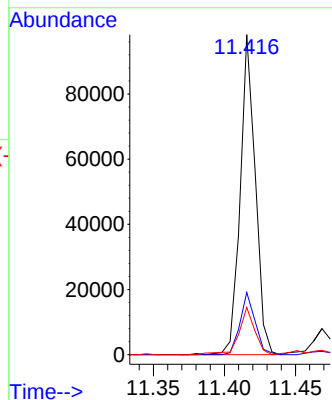
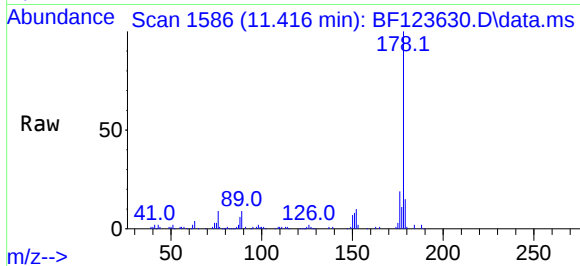
#71
Phenanthrene
Concen: 2.01 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Instrument :
BNA_F
ClientSampleId :
TP1-0-2

Tgt Ion:178	Resp:	72909
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.6 23.4
179	14.8	12.5 18.7

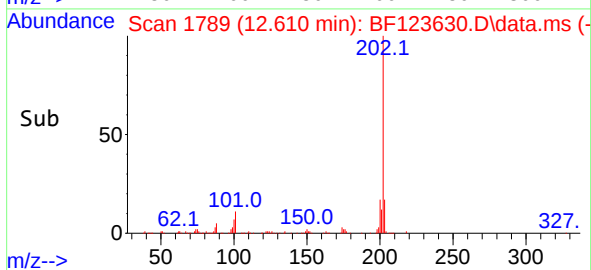
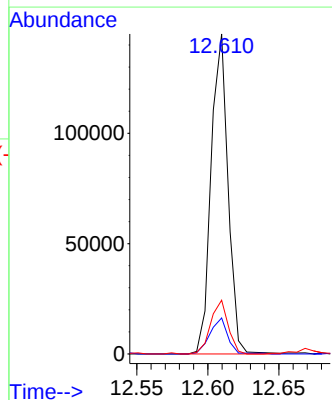
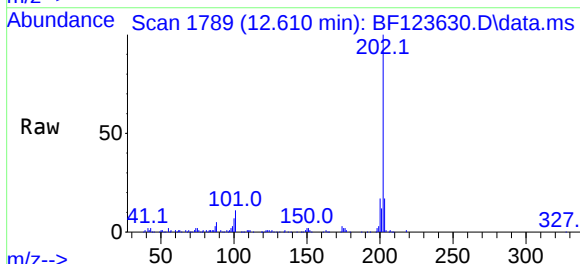
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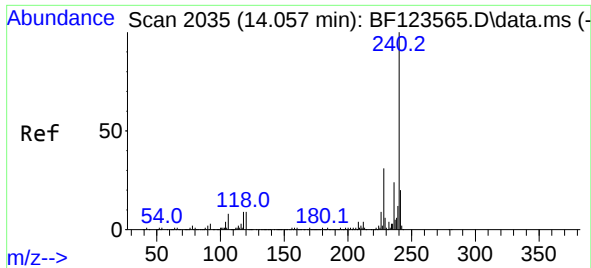
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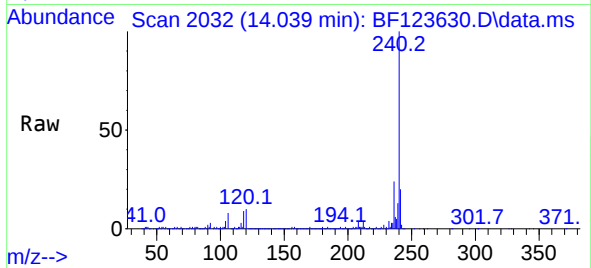
#75
Fluoranthene
Concen: 3.02 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21

Tgt Ion:202	Resp:	120240
Ion Ratio	Lower	Upper
202	100	
101	11.3	0.0 30.9
203	16.8	0.0 37.5

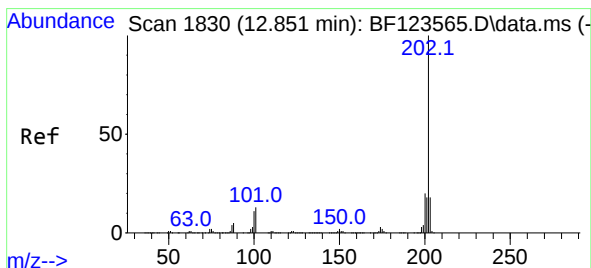
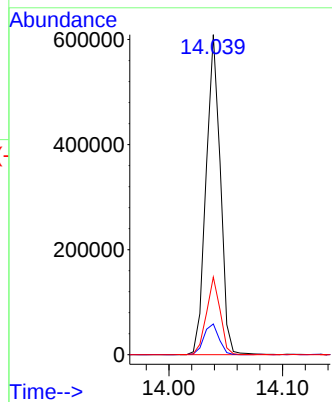
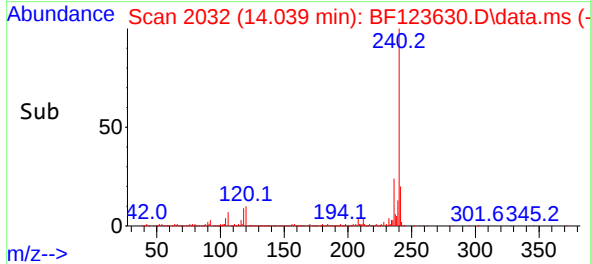




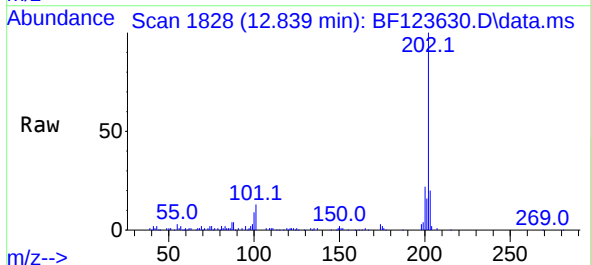
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



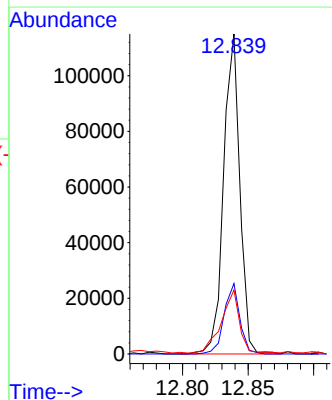
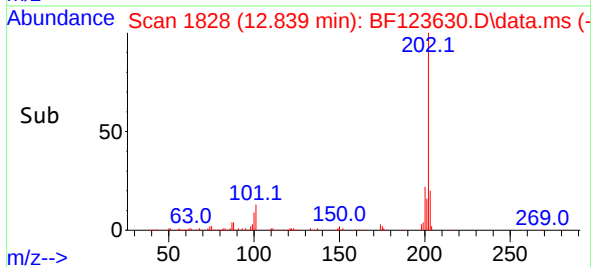
Tgt Ion:240 Resp: 528024
Ion Ratio Lower Upper
240 100
120 9.6 7.2 10.8
236 24.2 19.0 28.4



#78
Pyrene
Concen: 2.56 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



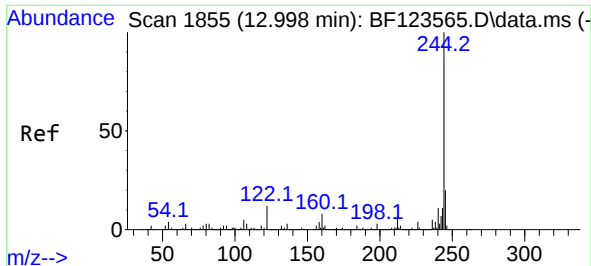
Tgt Ion:202 Resp: 98788
Ion Ratio Lower Upper
202 100
200 22.0 16.1 24.1
203 19.9 14.8 22.2



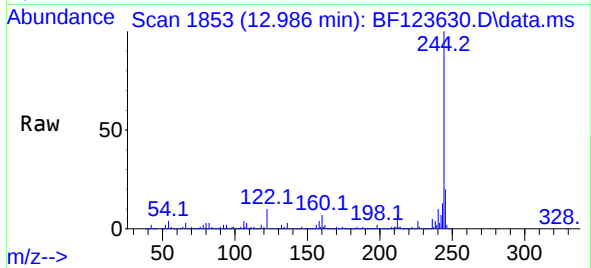
Instrument :
BNA_F
ClientSampled :
TP1-0-2

Manual Integrations
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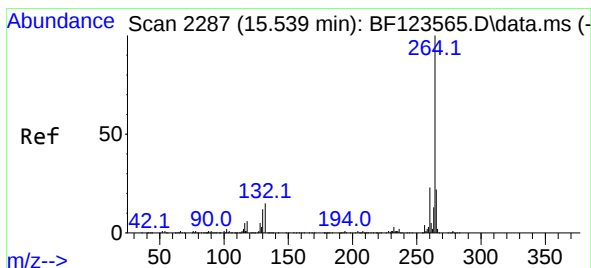
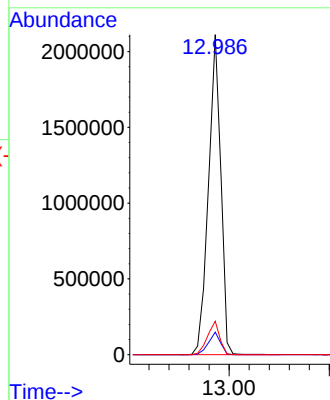
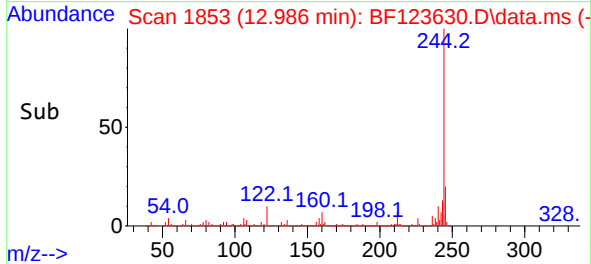
mohammad
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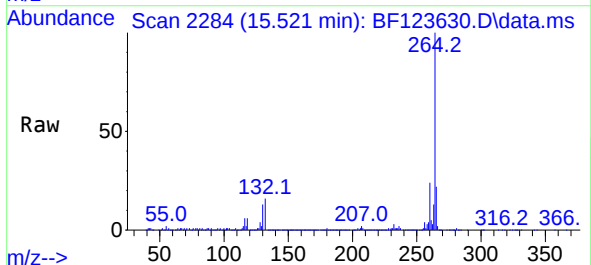
#79
Terphenyl-d14
Concen: 66.63 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



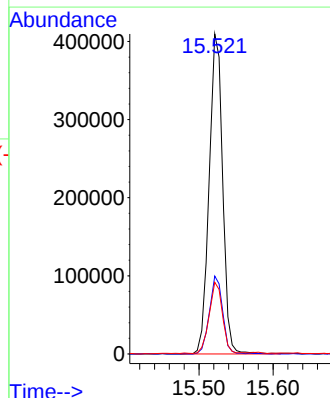
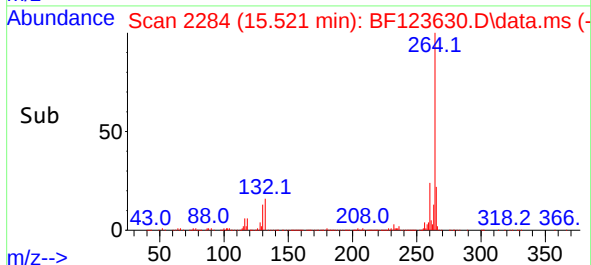
Tgt Ion:244 Resp: 1810324
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



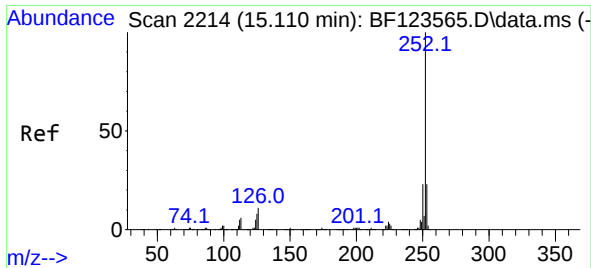
Tgt Ion:264 Resp: 519956
Ion Ratio Lower Upper
264 100
260 24.3 18.7 28.1
265 22.4 17.8 26.8



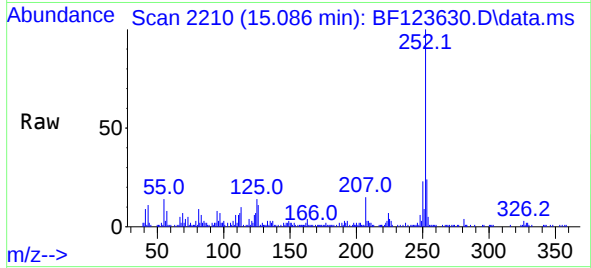
Instrument :
BNA_F
ClientSampled :
TP1-0-2

Manual Integrations
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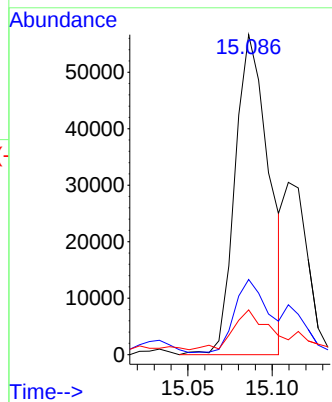
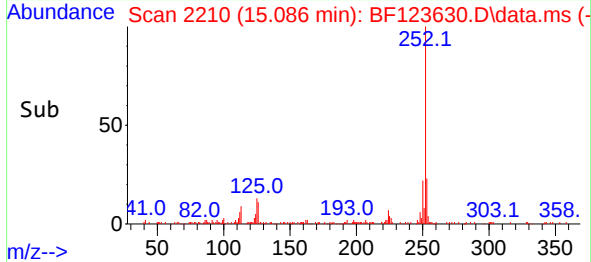
mohammad
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#88
Benzo(b)fluoranthene
Concen: 2.16 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF123630.D
Acq: 19 Apr 2021 19:21



Tgt Ion:252 Resp: 79193
Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 14.0 6.2 9.4#



Instrument :
BNA_F
ClientSampleId :
TP1-0-2

Manual Integrations
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mohammad
4/21/2021 8:34:51 AM