

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
 Data File : BF123651.D
 Acq On : 20 Apr 2021 19:42
 Operator : JU/CG
 Sample : M2076-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-0-2.0

Manual Integrations
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Quant Time: Apr 21 01:21:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	233417	20.00	ng	0.00
21) Naphthalene-d8	8.133	136	911804	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	455911	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	896407	20.00	ng	0.00
76) Chrysene-d12	14.027	240	601978	20.00	ng	0.00
86) Perylene-d12	15.504	264	530788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1440139	99.72	ng	0.00
7) Phenol-d6	6.481	99	1917292	95.81	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1343421	67.73	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	558753	108.23	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2088574	68.29	ng	0.00
79) Terphenyl-d14	12.974	244	2197333	70.94	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.492	94	61852	2.91	ng	90
75) Fluoranthene	12.592	202	287382	5.59	ng	99
78) Pyrene	12.821	202	254902	5.80	ng	99
81) Benzo(a)anthracene	14.015	228	112026	3.04	ng	96
83) Chrysene	14.051	228	84480	2.28	ng	98
88) Benzo(b)fluoranthene	15.068	252	100922m	2.69	ng	
90) Benzo(a)pyrene	15.439	252	79355	2.66	ng	97

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

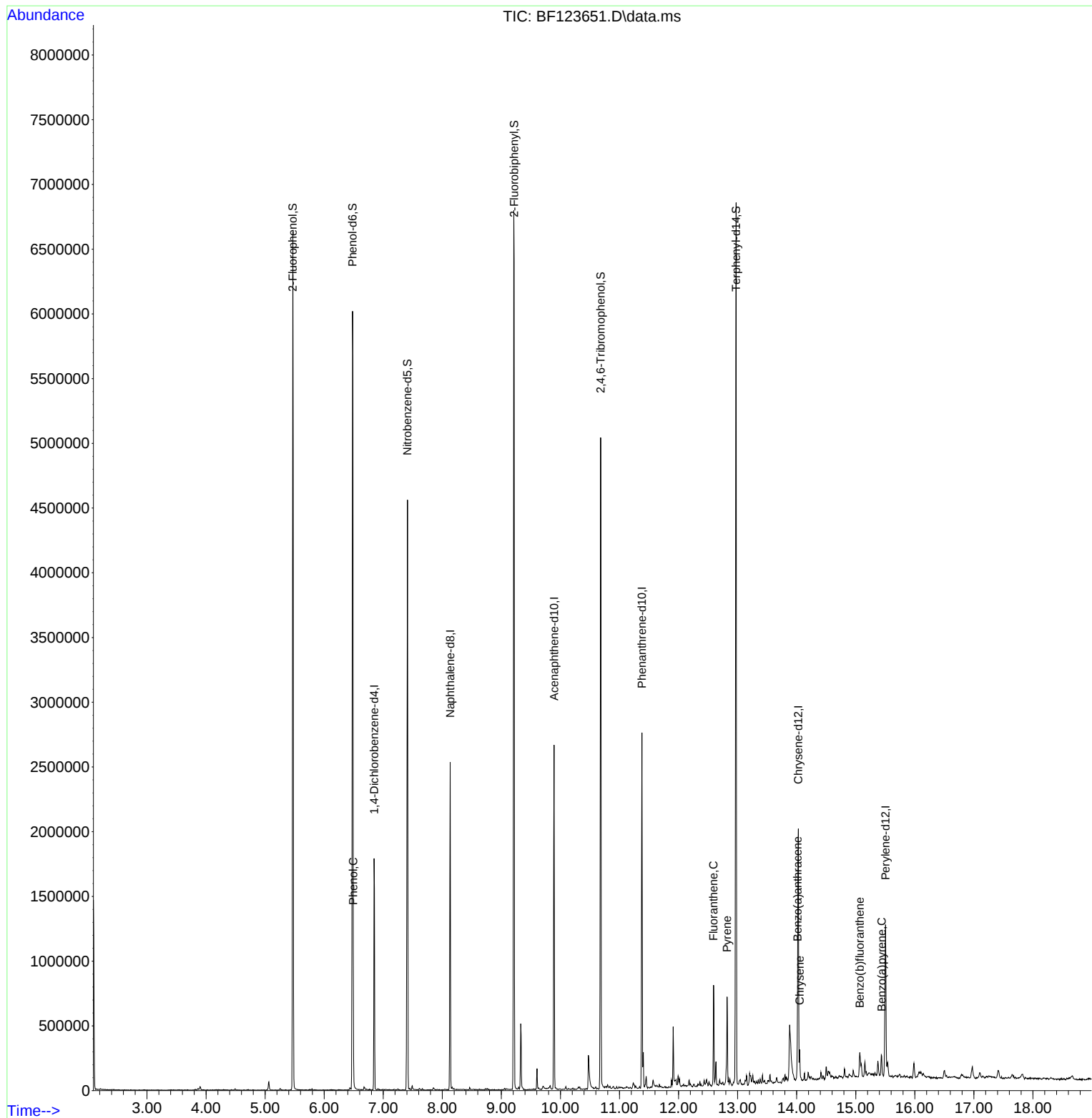
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123651.D
Acq On : 20 Apr 2021 19:42
Operator : JU/CG
Sample : M2076-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

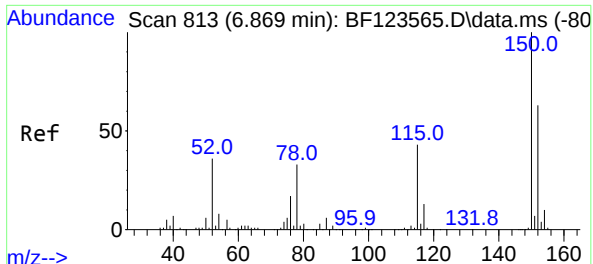
Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

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Quant Time: Apr 21 01:21:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration





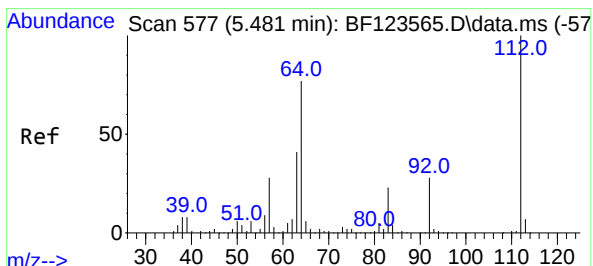
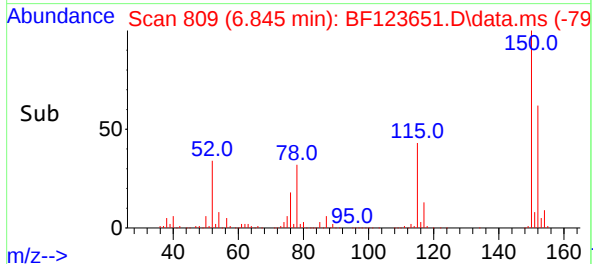
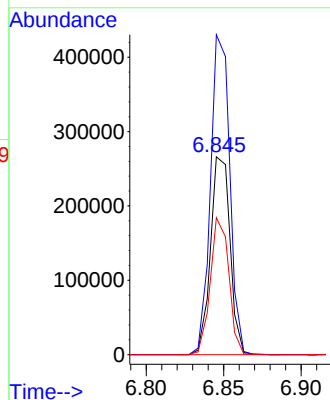
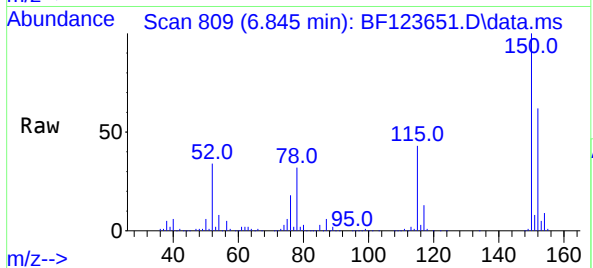
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:152 Resp: 233417
Ion Ratio Lower Upper
152 100
150 161.7 127.0 190.6
115 69.2 54.3 81.5

Instrument :
BNA_F
ClientSampled :
SB-13-0-2.0

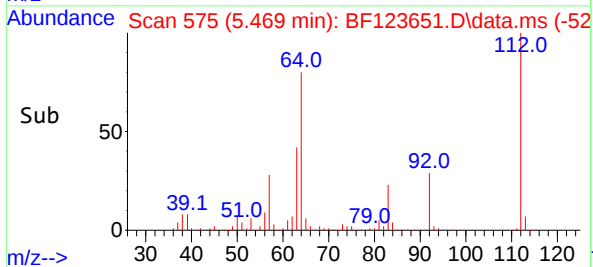
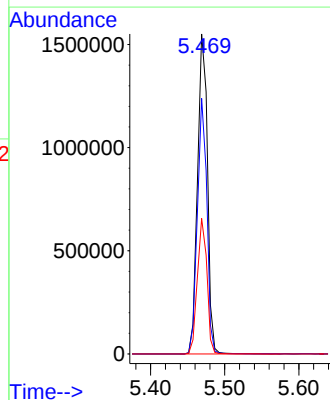
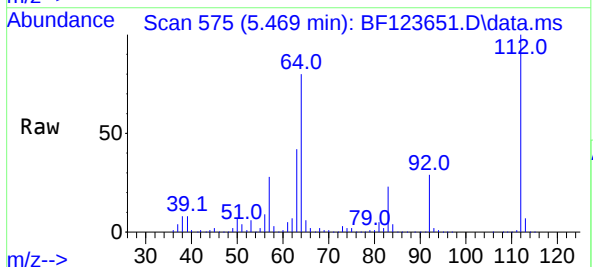
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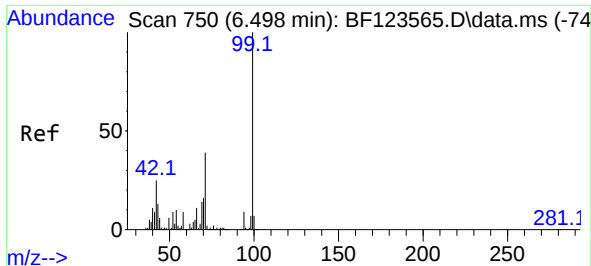
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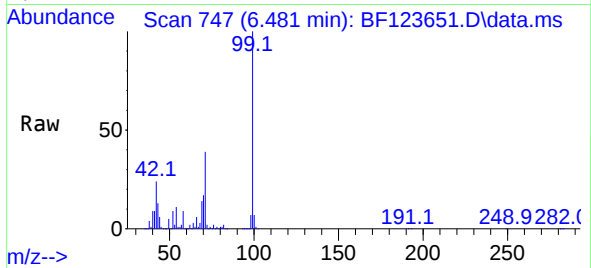
#5
2-Fluorophenol
Concen: 99.72 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:112 Resp: 1440139
Ion Ratio Lower Upper
112 100
64 79.8 61.4 92.0
63 42.3 33.0 49.4



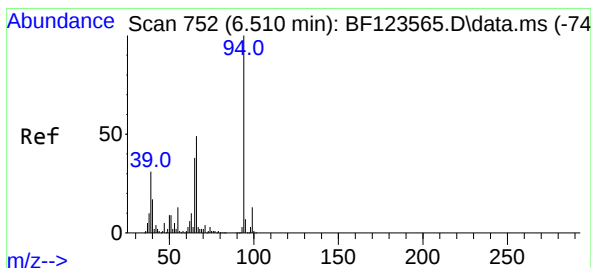
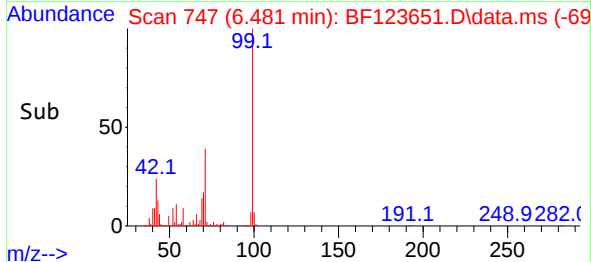
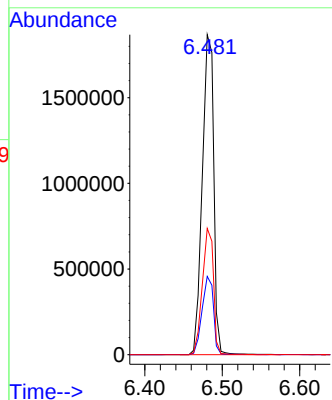


#7
Phenol-d6
Concen: 95.81 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

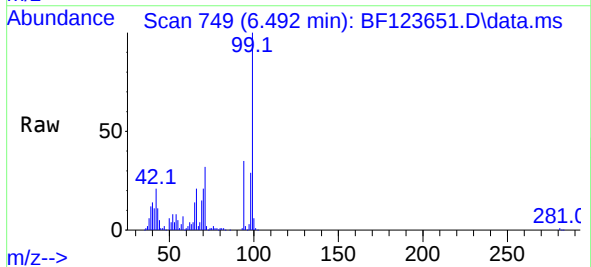


Tgt Ion: 99 Resp: 1917292

Ion	Ratio	Lower	Upper
99	100		
42	24.4	19.8	29.8
71	39.5	31.1	46.7

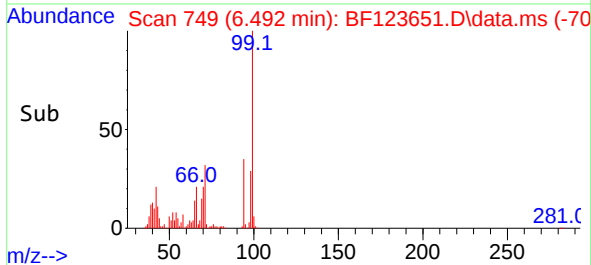
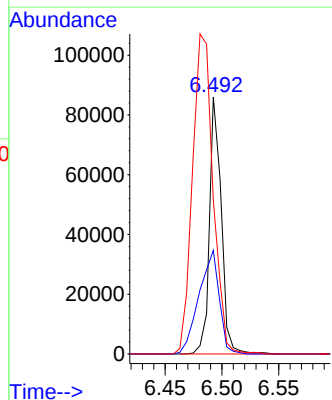


#10
Phenol
Concen: 2.91 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42



Tgt Ion: 94 Resp: 61852

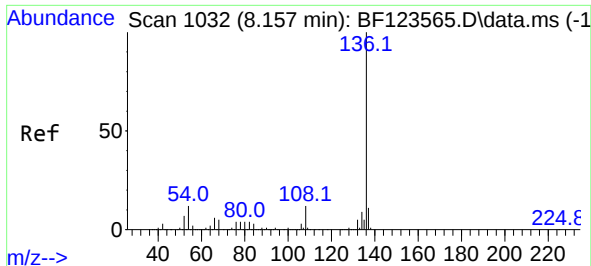
Ion	Ratio	Lower	Upper
94	100		
65	40.3	18.1	58.1
66	59.7	29.0	69.0



Instrument :
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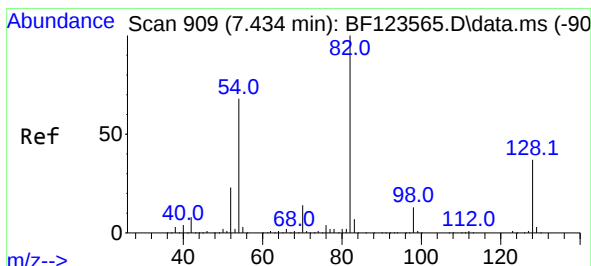
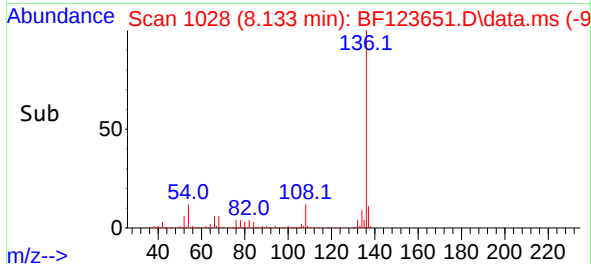
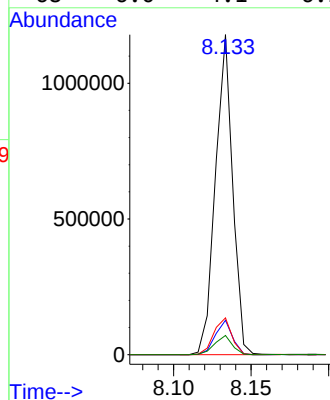
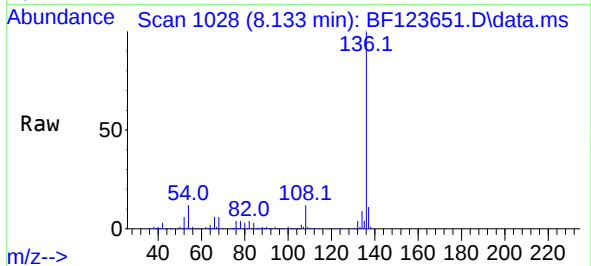
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	136	Resp:	911804
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	11.5	9.8	14.6
68	6.0	4.1	6.1

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

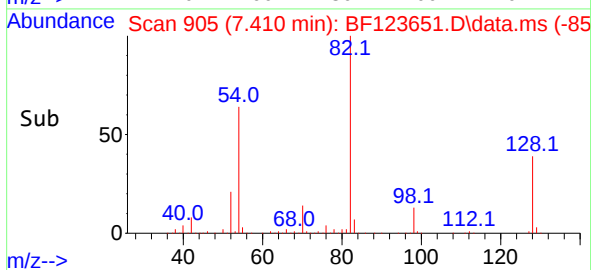
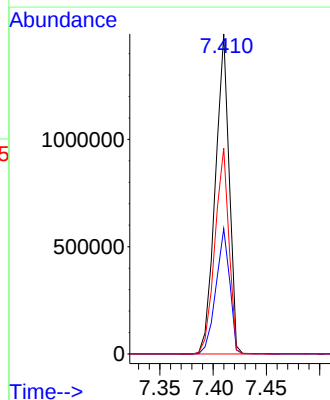
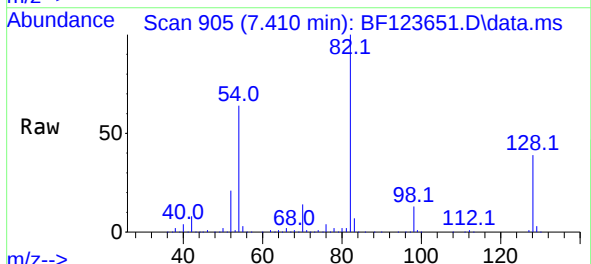
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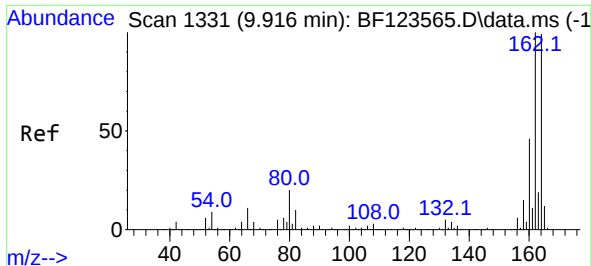
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#23
Nitrobenzene-d5
Concen: 67.73 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

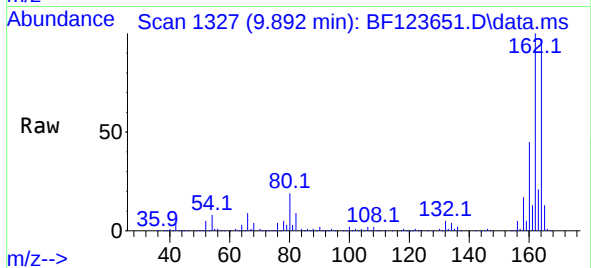
Tgt Ion:	82	Resp:	1343421
Ion Ratio	Lower	Upper	
82	100		
128	39.2	29.4	44.2
54	64.4	54.1	81.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

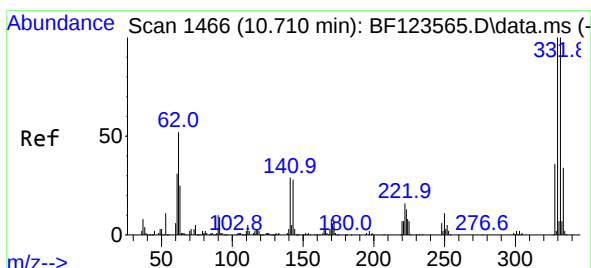
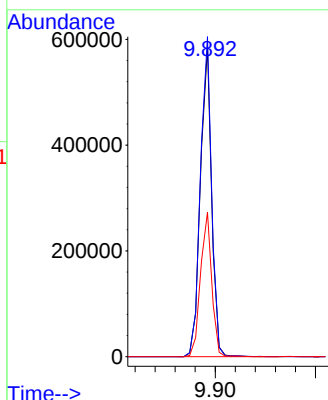
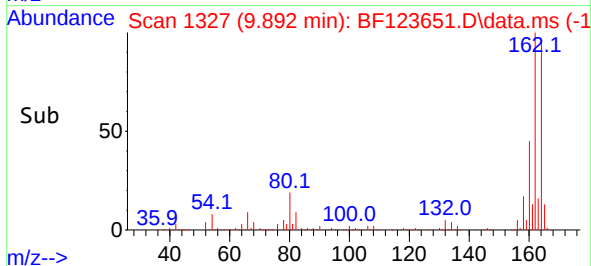
Instrument :
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ClientSampleId :
SB-13-0-2.0



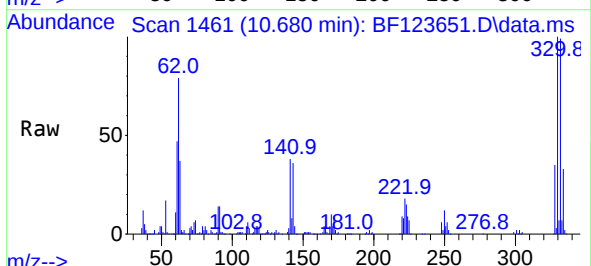
Tgt Ion:164 Resp: 455911
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 46.7 37.3 55.9

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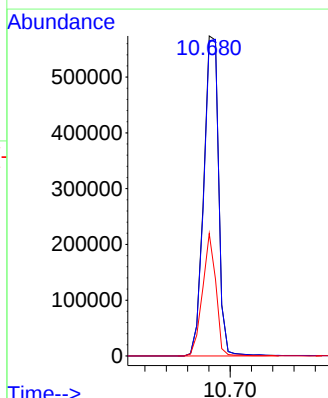
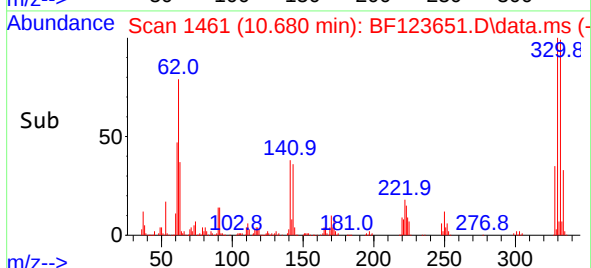
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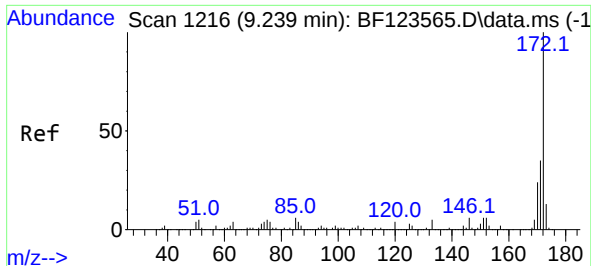


#42
2,4,6-Tribromophenol
Concen: 108.23 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42



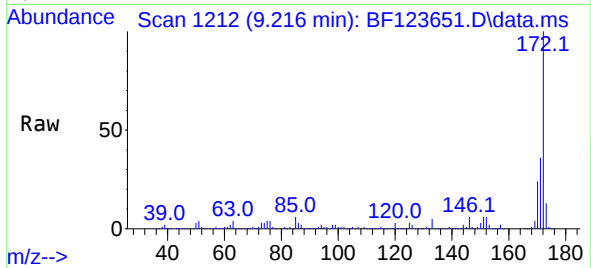
Tgt Ion:330 Resp: 558753
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 34.3 27.9 41.9





#45
2-Fluorobiphenyl
Concen: 68.29 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

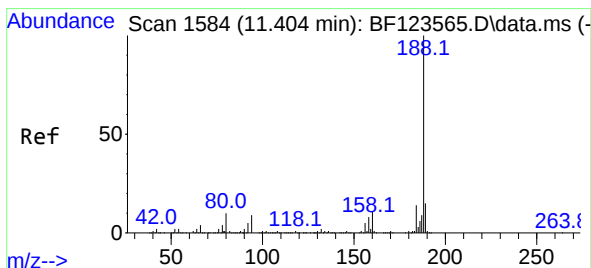
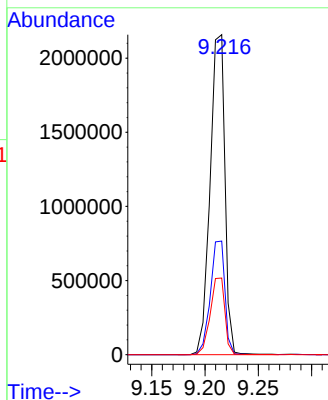
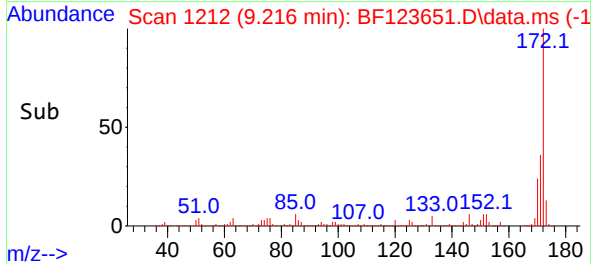
Instrument :
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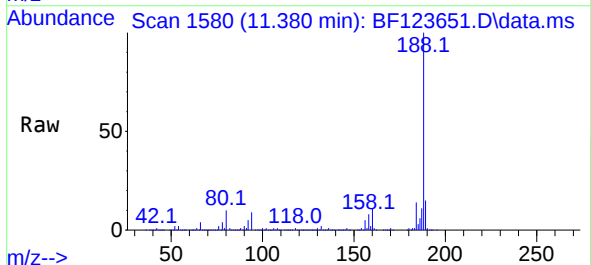
Tgt Ion:172 Resp: 2088574
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 24.0 19.2 28.8

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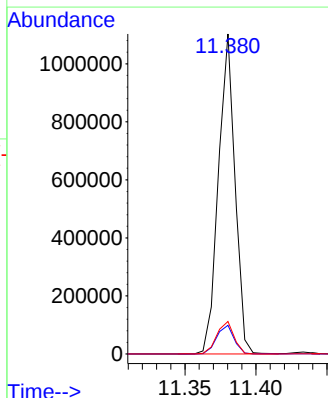
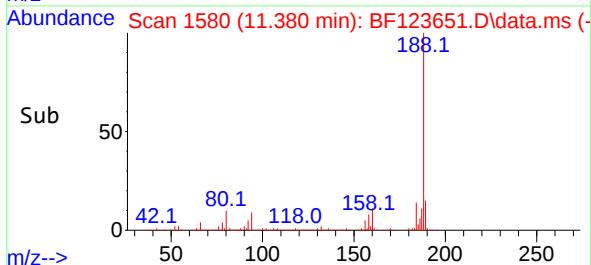
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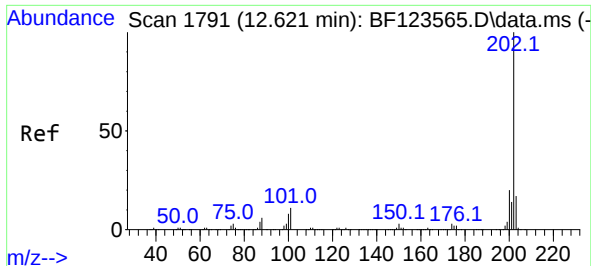


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

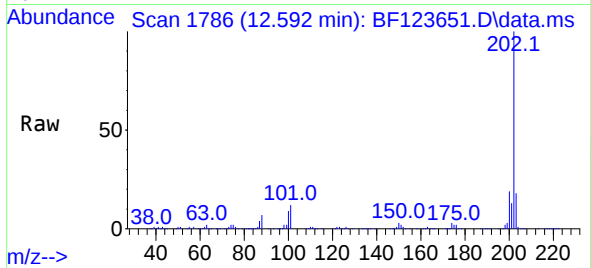


Tgt Ion:188 Resp: 896407
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.2 8.2 12.2

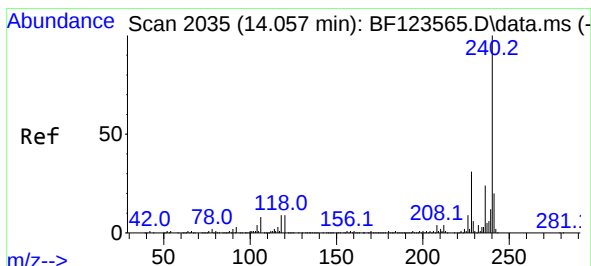
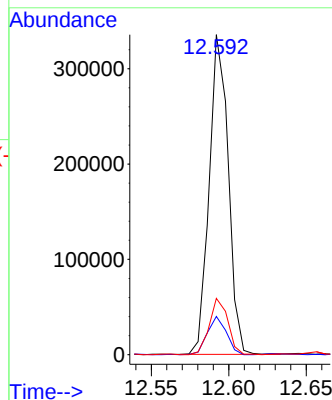
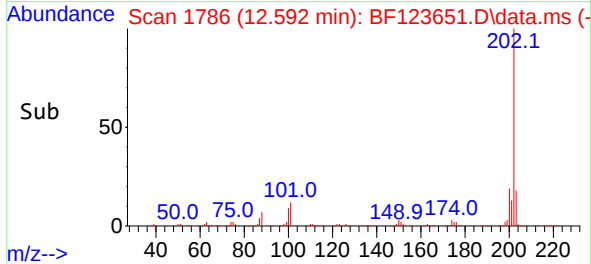




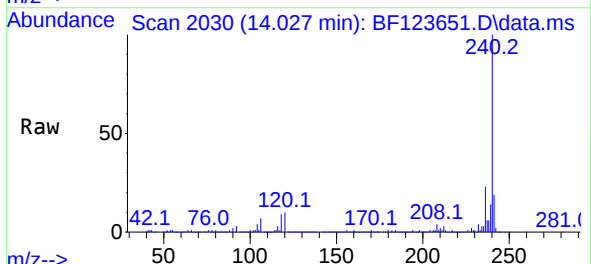
#75
Fluoranthene
Concen: 5.59 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42



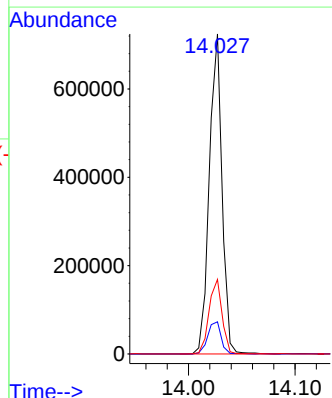
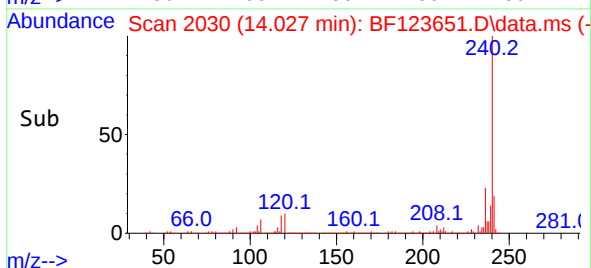
Tgt Ion: 202 Resp: 287382
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.9
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42



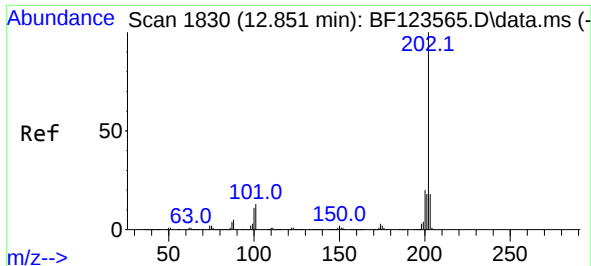
Tgt Ion: 240 Resp: 601978
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 23.3 19.0 28.4



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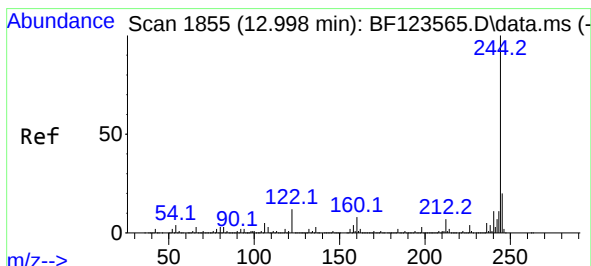
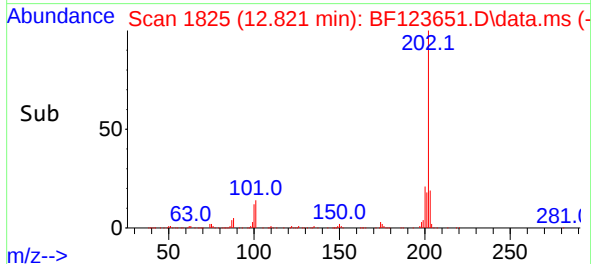
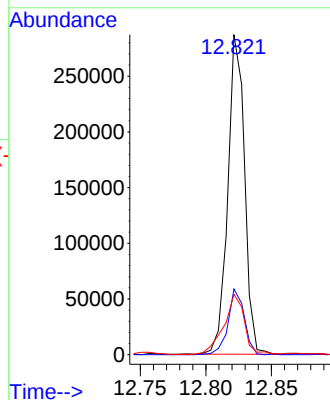
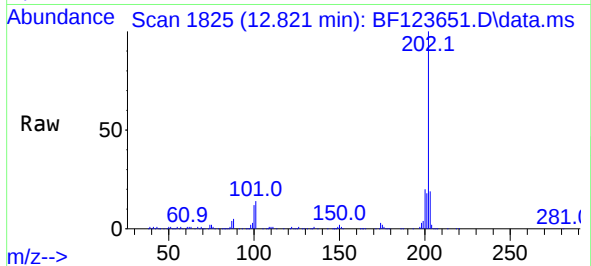
#78
Pyrene
Concen: 5.80 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	202	Resp:	254902
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.1	24.1
203	18.9	14.8	22.2

Instrument :
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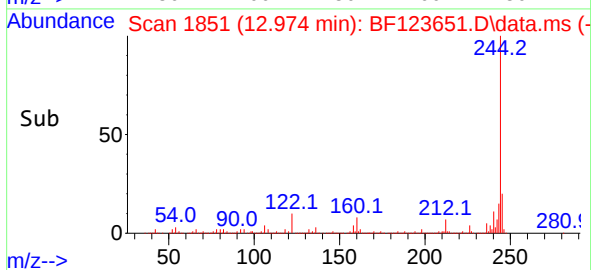
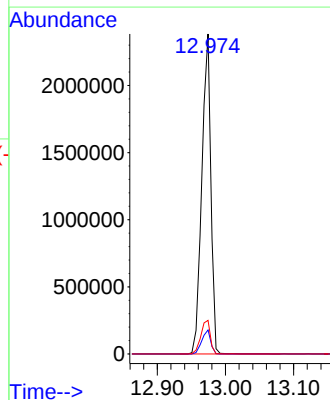
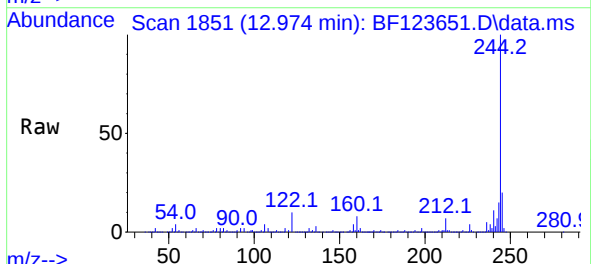
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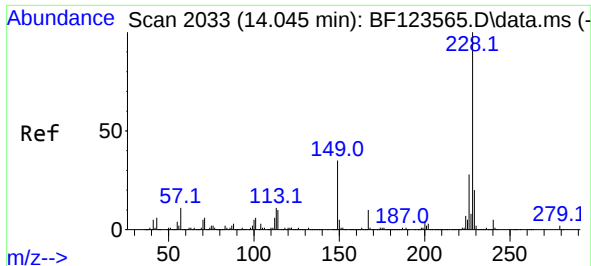
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#79
Terphenyl-d14
Concen: 70.94 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	244	Resp:	2197333
Ion Ratio	Lower	Upper	
244	100		
212	7.5	5.7	8.5
122	10.5	9.7	14.5





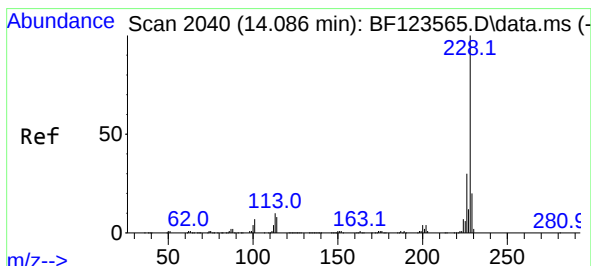
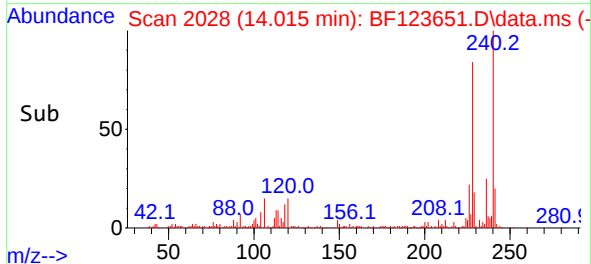
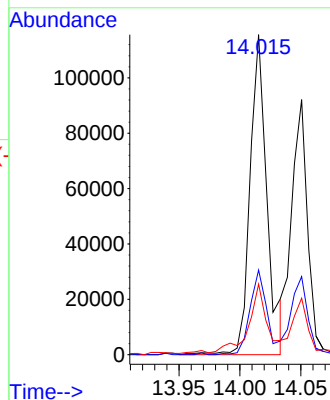
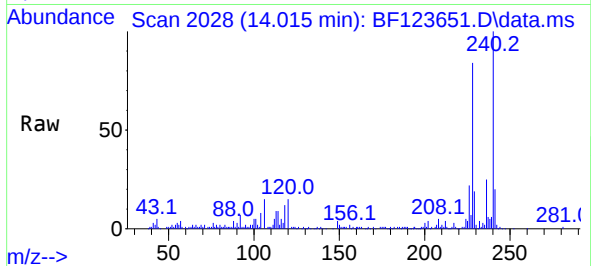
#81
Benzo(a)anthracene
Concen: 3.04 ng
RT: 14.015 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:228 Resp: 112026
Ion Ratio Lower Upper
228 100
226 26.4 22.4 33.6
229 22.0 16.0 24.0

Instrument :
BNA_F
ClientSampled :
SB-13-0-2.0

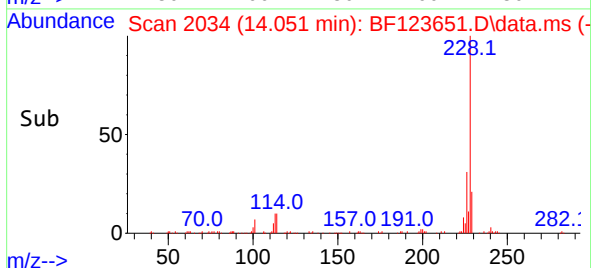
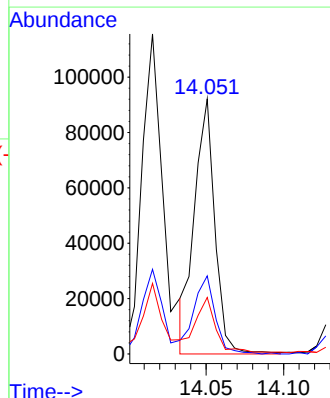
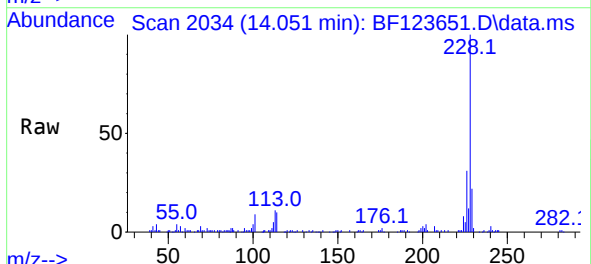
Manual Integrations
APPROVED

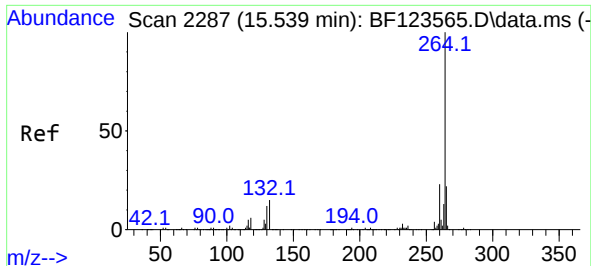
mohammad
4/21/2021 11:25:27 AM



#83
Chrysene
Concen: 2.28 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:228 Resp: 84480
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.2 16.2 24.2





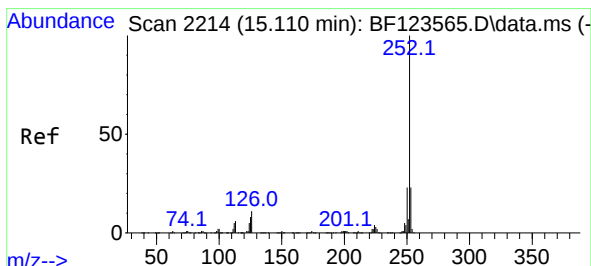
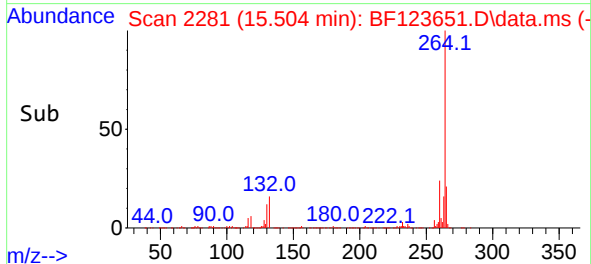
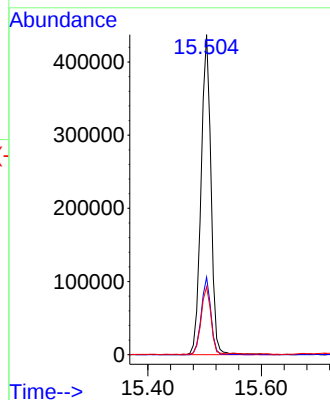
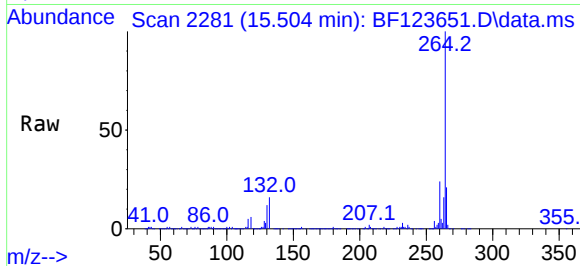
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.504 min Scan# 2281
Delta R.T. -0.000 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:264 Resp: 530788
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 21.2 17.8 26.8

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

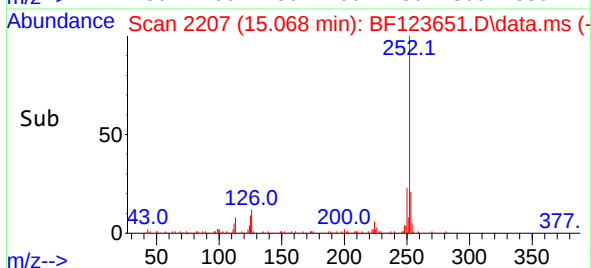
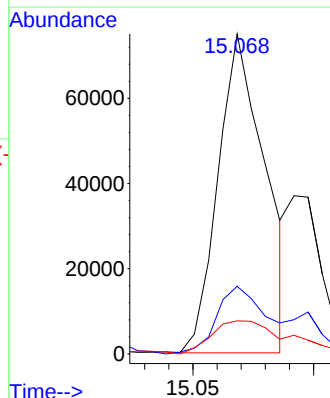
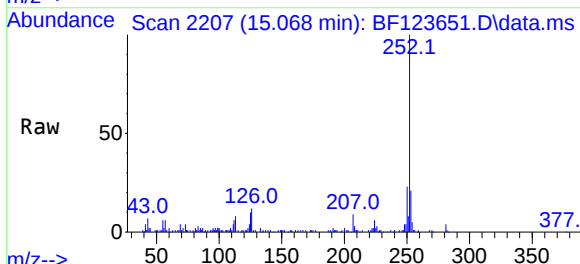
Manual Integrations
APPROVED

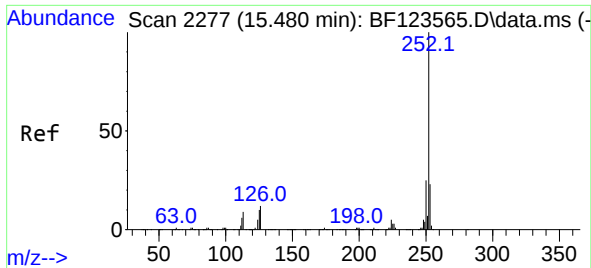
mohammad
4/21/2021 11:25:27 AM



#88
Benzo(b)fluoranthene
Concen: 2.69 ng m
RT: 15.068 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:252 Resp: 100922
Ion Ratio Lower Upper
252 100
253 21.2 18.1 27.1
125 10.3 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF123651.D
Acq: 20 Apr 2021 19:42

Tgt Ion:	252	Resp:	79355
Ion Ratio	Lower	Upper	
252	100		
253	24.6	18.4	27.6
125	9.6	8.0	12.0

Instrument :
BNA_F
ClientSampleId :
SB-13-0-2.0

Manual Integrations
APPROVED

mohammad
4/21/2021 11:25:27 AM

