

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123991.D
 Acq On : 19 May 2021 15:37
 Operator : JU/CG
 Sample : M2366-02RX
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JG-SPOILS-5-11-21-BRX

Manual Integrations
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Quant Time: May 19 16:46:19 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	41664	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	163278	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	93041	20.00	ng	0.00
64) Phenanthrene-d10	11.433	188	170639	20.00	ng	0.00
76) Chrysene-d12	14.068	240	110927	20.00	ng	# 0.00
86) Perylene-d12	15.562	264	107804	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	14074	4.74	ng	0.00
7) Phenol-d6	6.516	99	76671	19.92	ng	0.00
23) Nitrobenzene-d5	7.463	82	224971	59.37	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	3243	2.90	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	381507	50.46	ng	0.00
79) Terphenyl-d14	13.015	244	358337	48.93	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.657	163	65772	8.85	ng	# 96
71) Phenanthrene	11.451	178	37682	3.48	ng	99
75) Fluoranthene	12.645	202	40935	3.66	ng	94
78) Pyrene	12.874	202	39004	3.96	ng	97
83) Chrysene	14.098	228	16398	2.13	ng	95
88) Benzo(b)fluoranthene	15.121	252	20827m	2.50	ng	

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

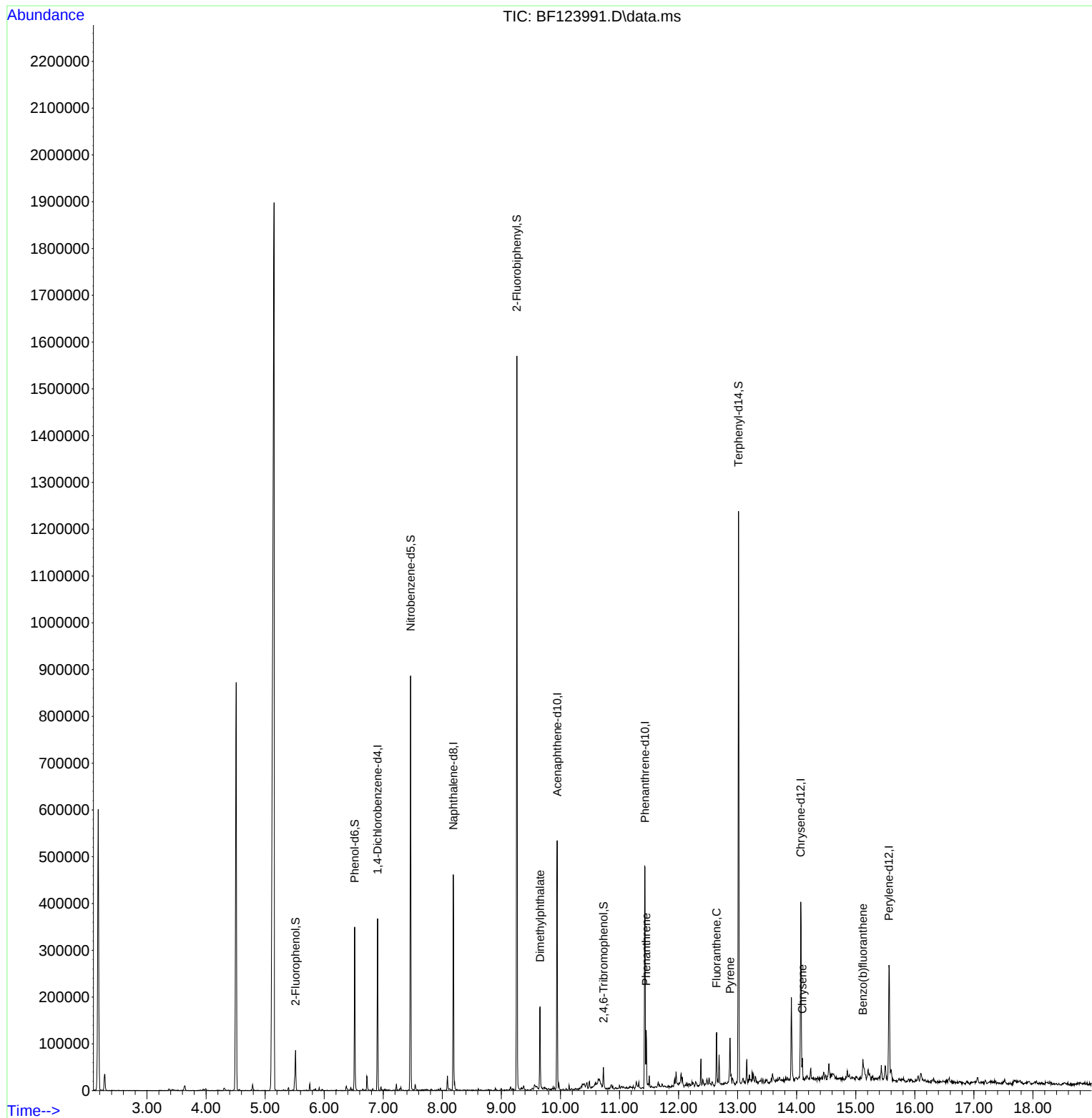
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123991.D
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ALS Vial : 9 Sample Multiplier: 1

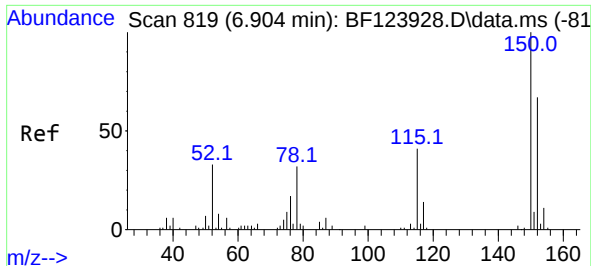
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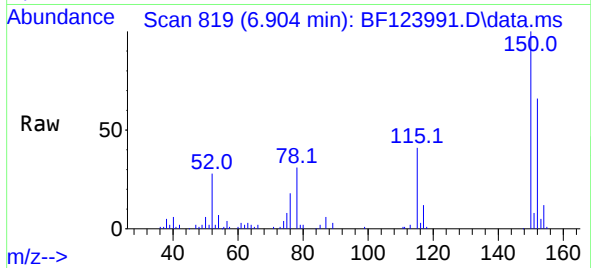
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Quant Time: May 19 16:46:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

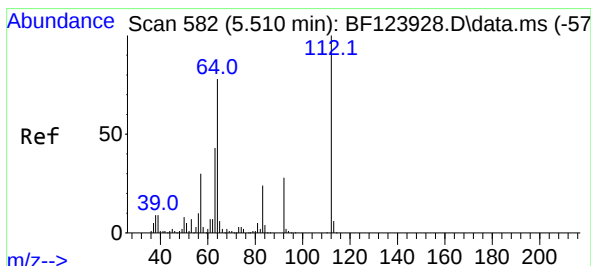
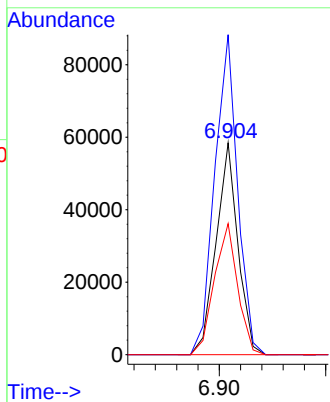
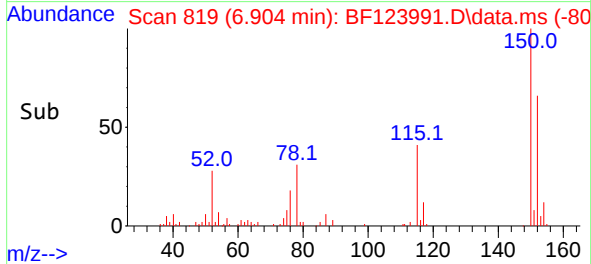




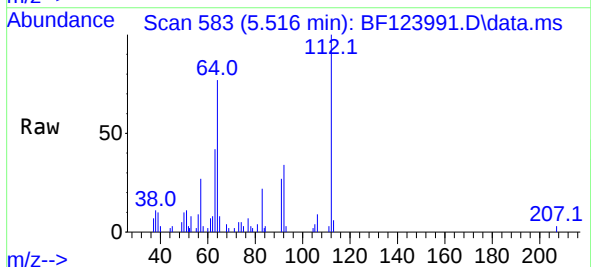
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



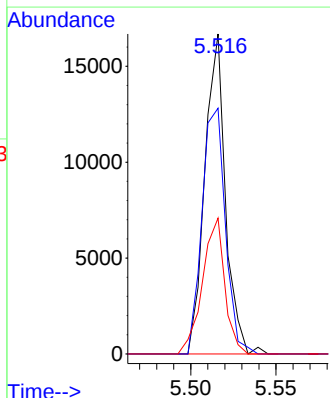
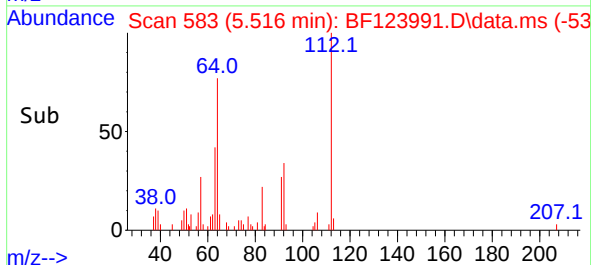
Tgt Ion:152 Resp: 41664
Ion Ratio Lower Upper
152 100
150 151.0 127.0 190.6
115 61.9 54.3 81.5



#5
2-Fluorophenol
Concen: 4.74 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



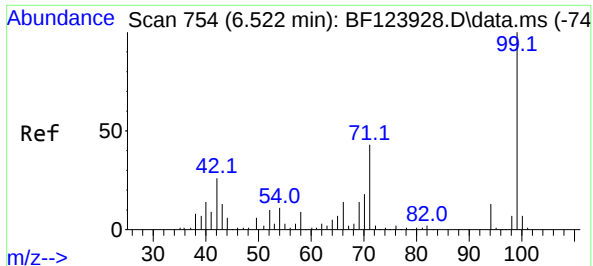
Tgt Ion:112 Resp: 14074
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 42.4 33.0 49.4



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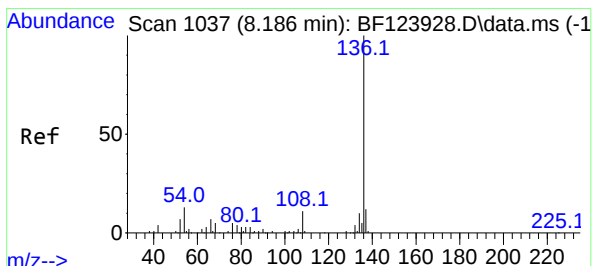
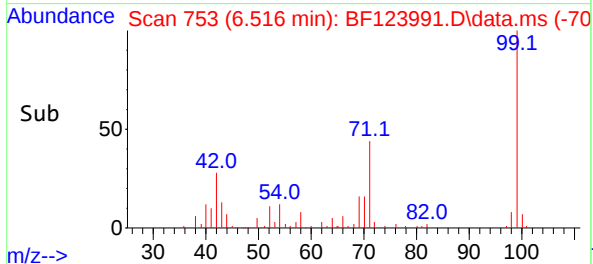
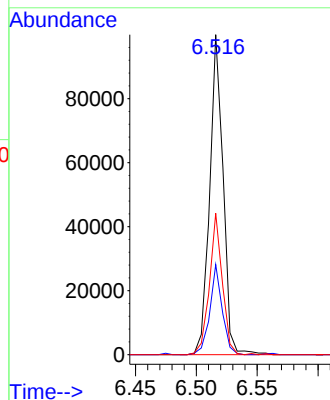
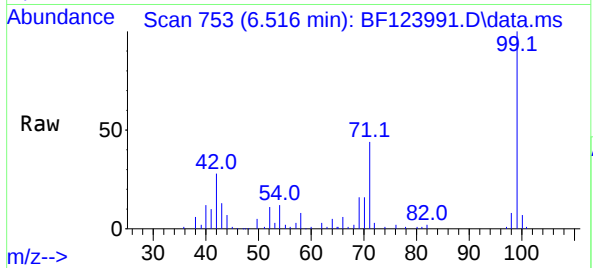
#7
Phenol-d6
Concen: 19.92 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

Tgt Ion:	99	Resp:	76671
Ion	Ratio	Lower	Upper
99	100		
42	28.2	19.8	29.8
71	44.2	31.1	46.7

Instrument :
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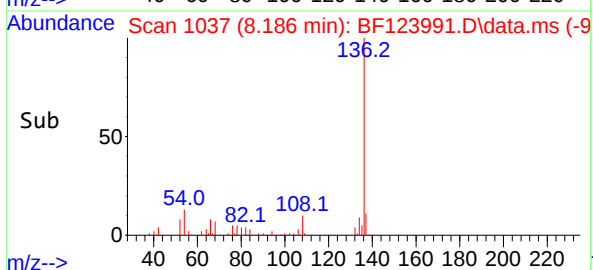
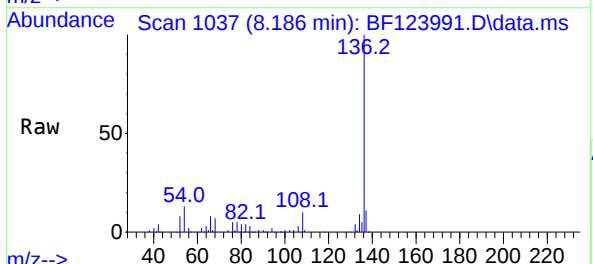
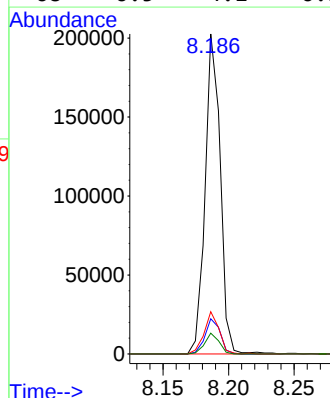
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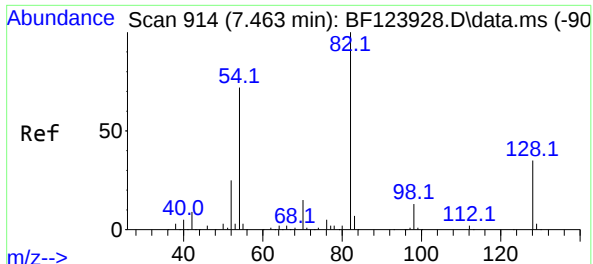
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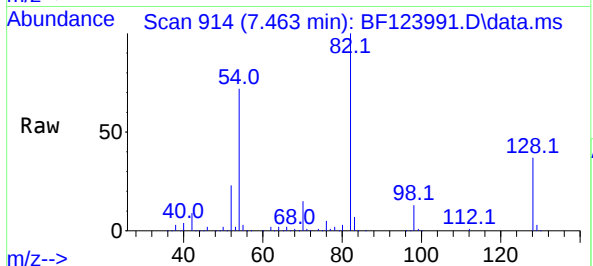
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

Tgt Ion:	136	Resp:	163278
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	13.2	9.8	14.6
68	6.5	4.1	6.1

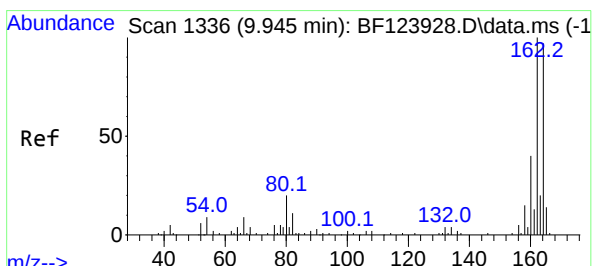
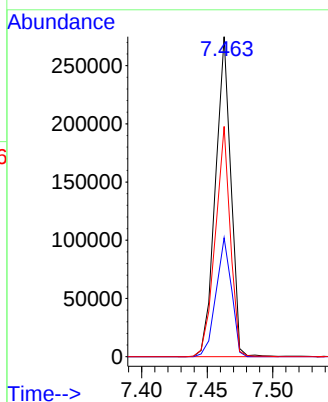
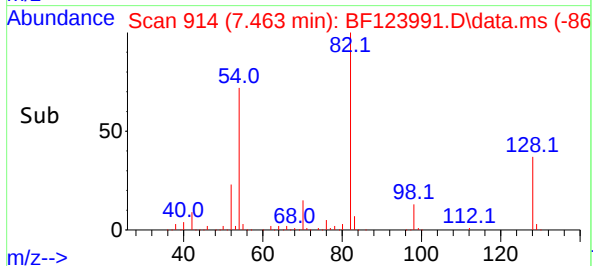




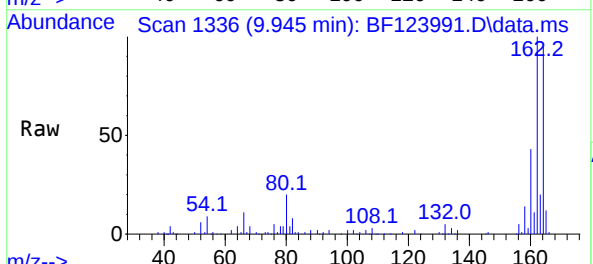
#23
Nitrobenzene-d5
Concen: 59.37 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



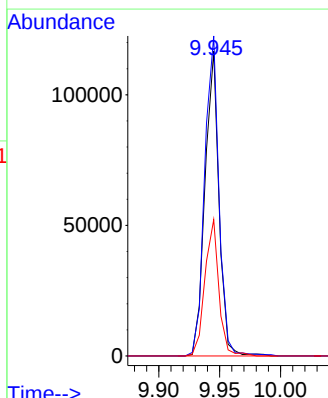
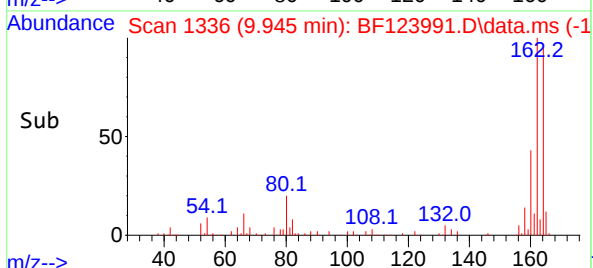
Tgt Ion: 82 Resp: 224971
Ion Ratio Lower Upper
82 100
128 37.1 29.4 44.2
54 72.0 54.1 81.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



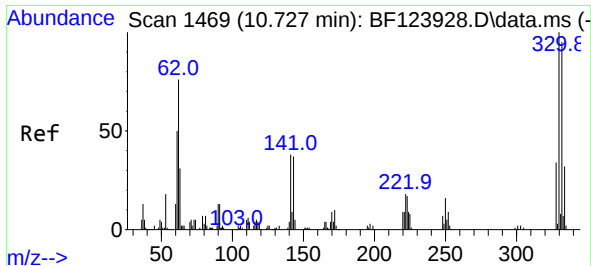
Tgt Ion: 164 Resp: 93041
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 44.8 37.3 55.9



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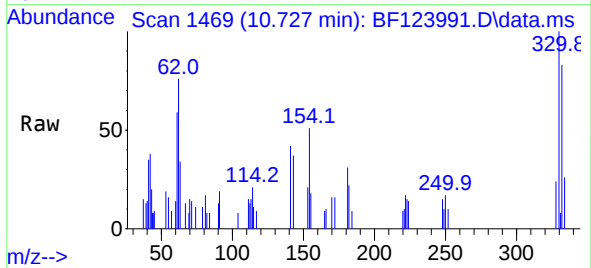
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#42
2,4,6-Tribromophenol
Concen: 2.90 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

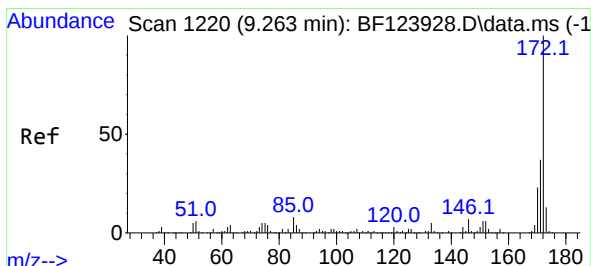
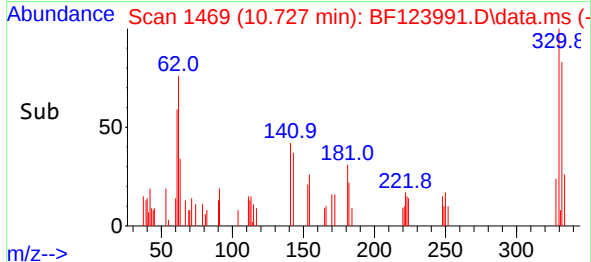
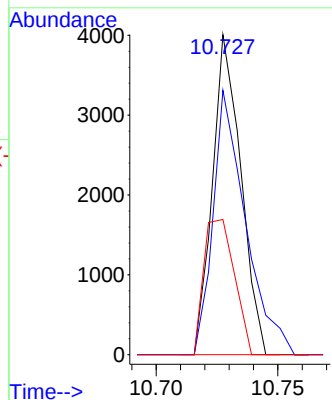
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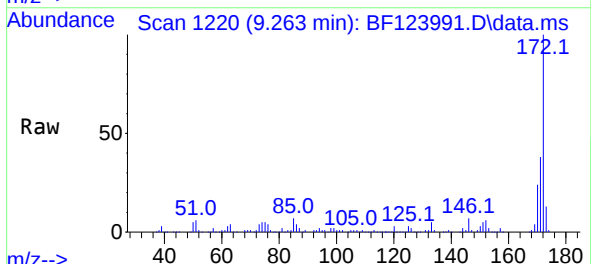
Tgt Ion: 330 Resp: 3243
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 45.7 27.9 41.9#

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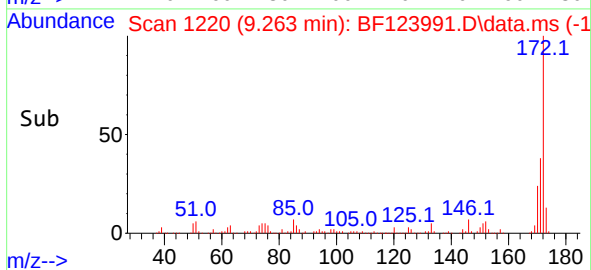
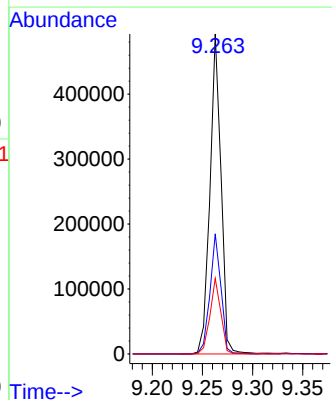
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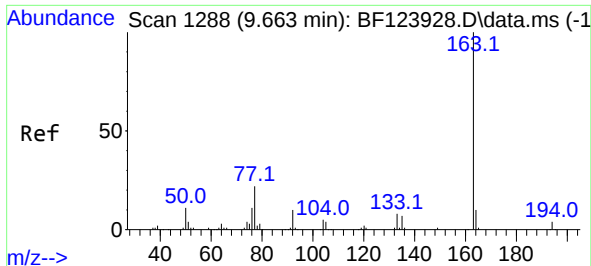


#45
2-Fluorobiphenyl
Concen: 50.46 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



Tgt Ion: 172 Resp: 381507
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.6 19.2 28.8





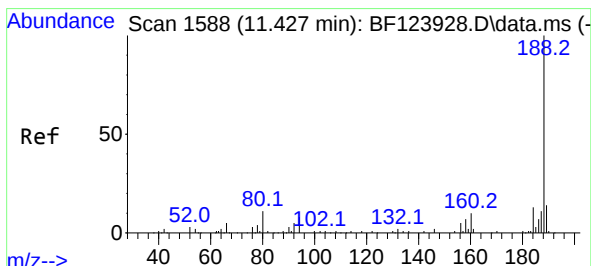
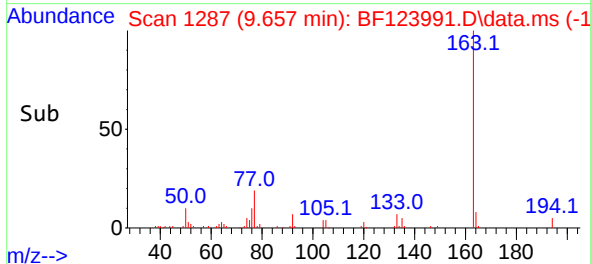
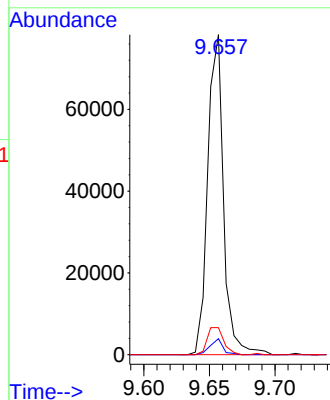
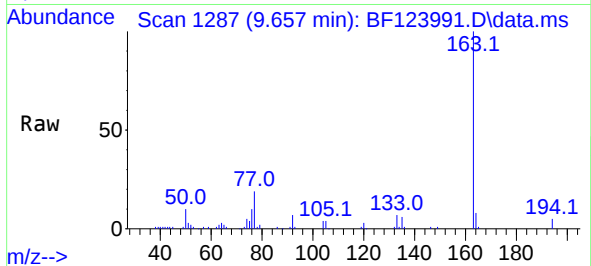
#50
Dimethylphthalate
Concen: 8.85 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

Tgt Ion:163 Resp: 65772
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 8.4 8.2 12.2

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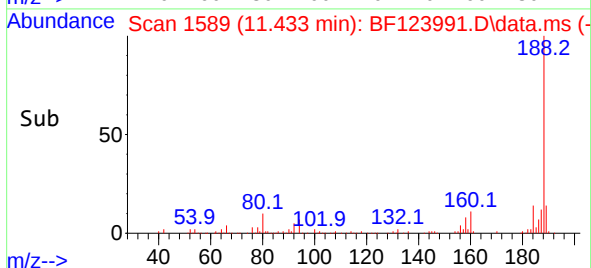
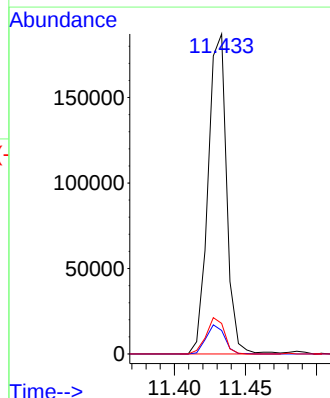
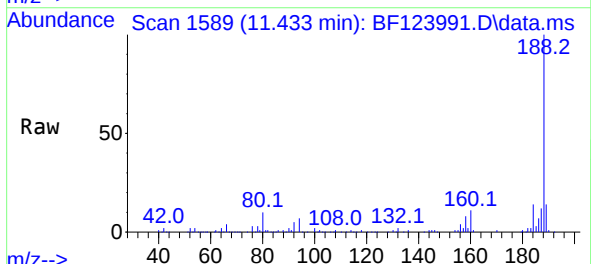
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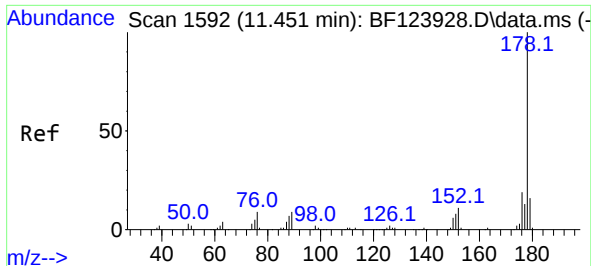
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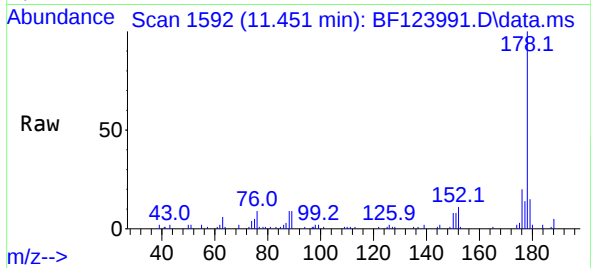
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

Tgt Ion:188 Resp: 170639
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 9.6 8.2 12.2

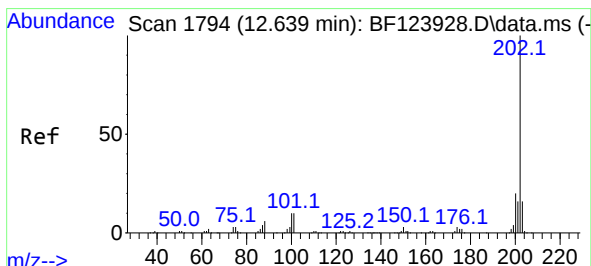
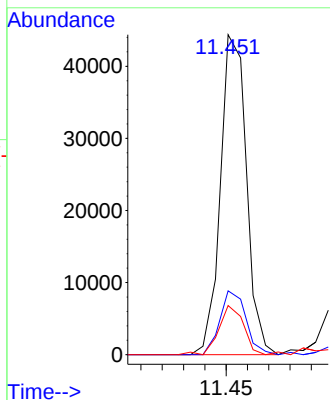
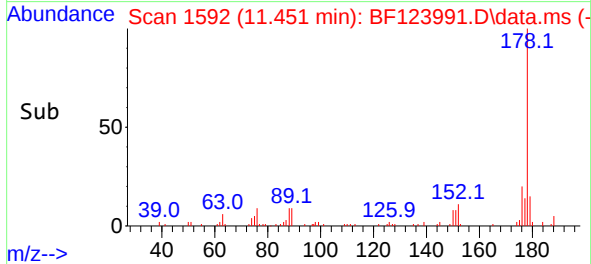




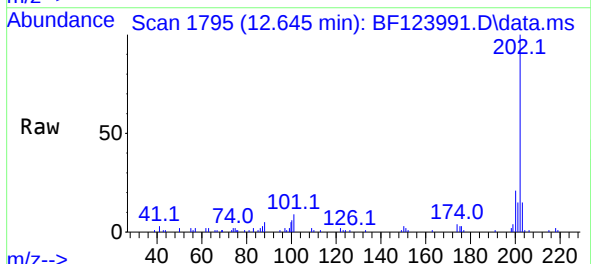
#71
Phenanthrene
Concen: 3.48 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



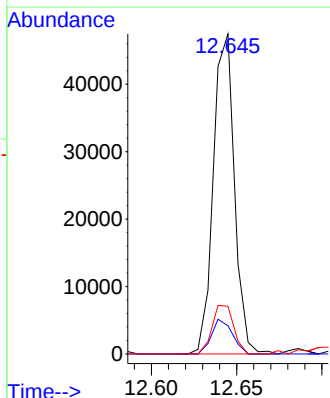
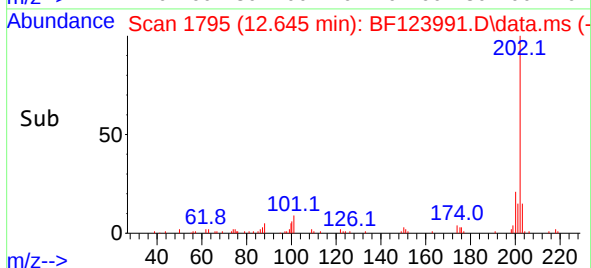
Tgt Ion:178 Resp: 37682
Ion Ratio Lower Upper
178 100
176 19.9 15.6 23.4
179 15.4 12.5 18.7



#75
Fluoranthene
Concen: 3.66 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123991.D
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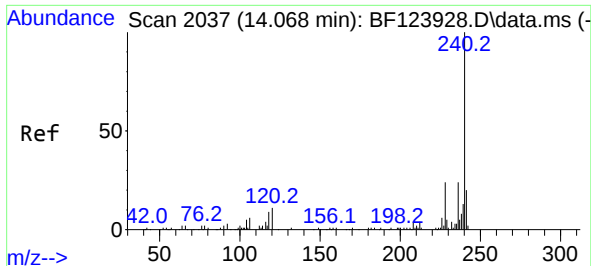
Tgt Ion:202 Resp: 40935
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.9
203 14.9 0.0 37.5



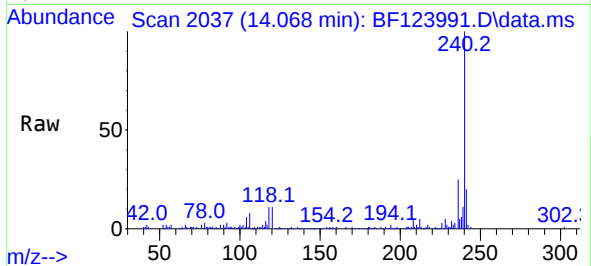
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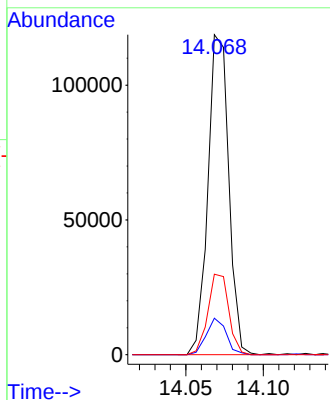
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



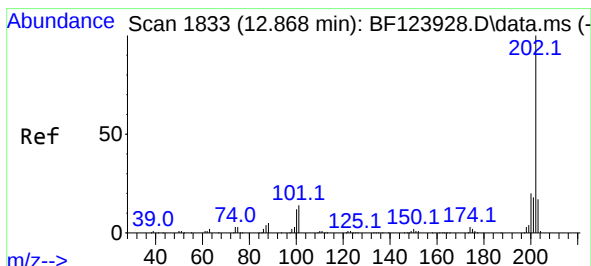
Tgt Ion:240 Resp: 110927
Ion Ratio Lower Upper
240 100
120 11.4 7.2 10.8#
236 25.2 19.0 28.4



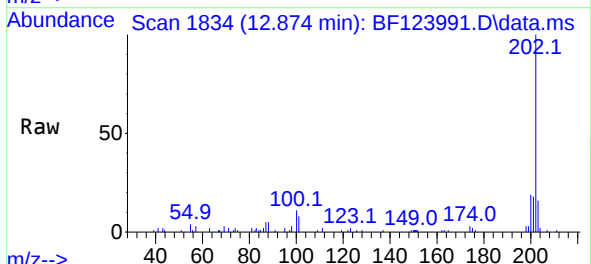
Instrument :
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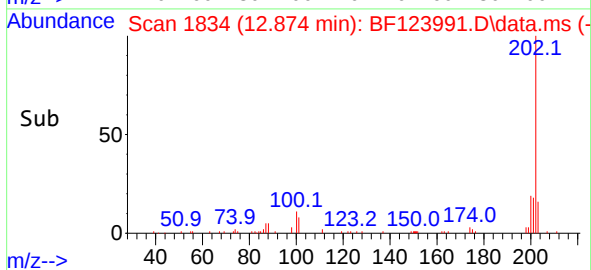
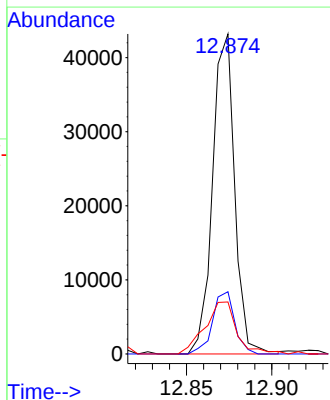
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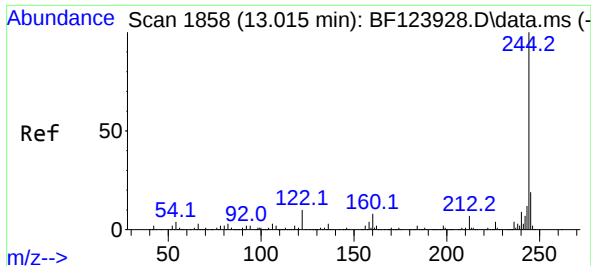


#78
Pyrene
Concen: 3.96 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

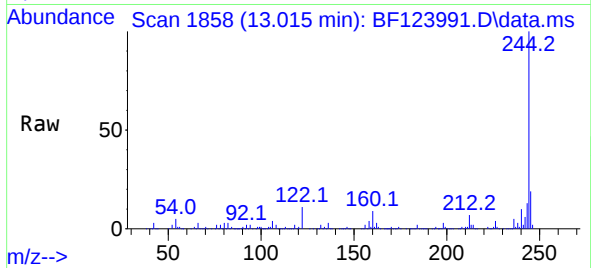


Tgt Ion:202 Resp: 39004
Ion Ratio Lower Upper
202 100
200 19.4 16.1 24.1
203 16.2 14.8 22.2

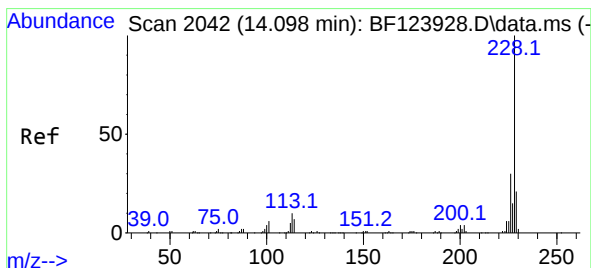
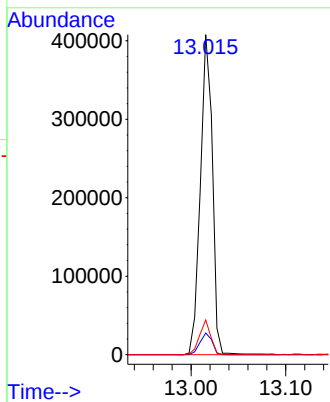
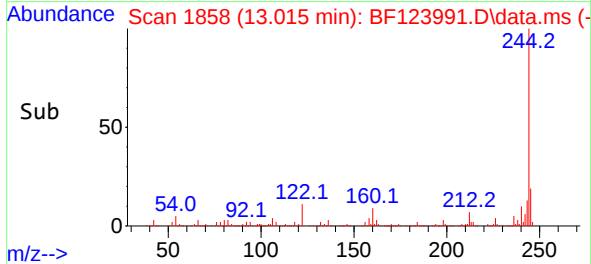




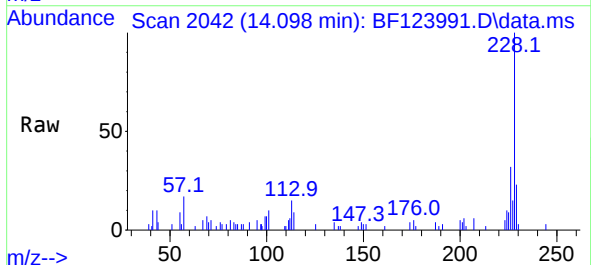
#79
Terphenyl-d14
Concen: 48.93 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



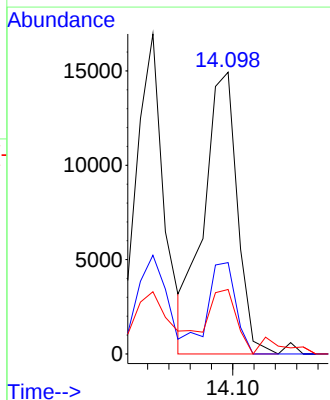
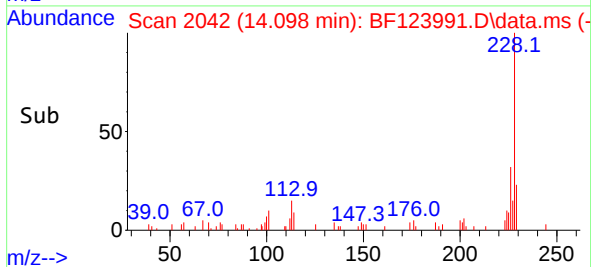
Tgt Ion:244 Resp: 358337
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.8 9.7 14.5



#83
Chrysene
Concen: 2.13 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.000 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



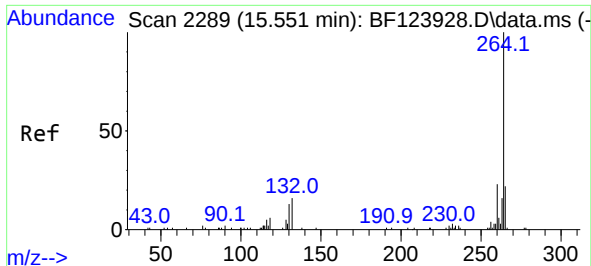
Tgt Ion:228 Resp: 16398
Ion Ratio Lower Upper
228 100
226 32.5 24.3 36.5
229 22.9 16.2 24.2



Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-BRX

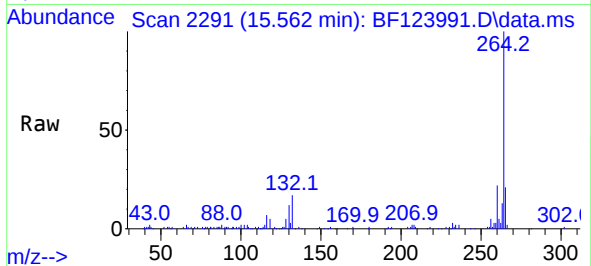
Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:56 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37

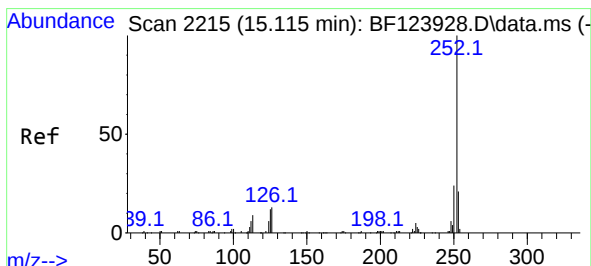
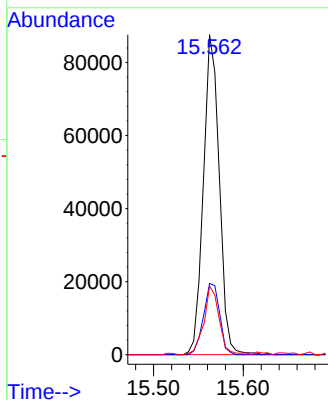
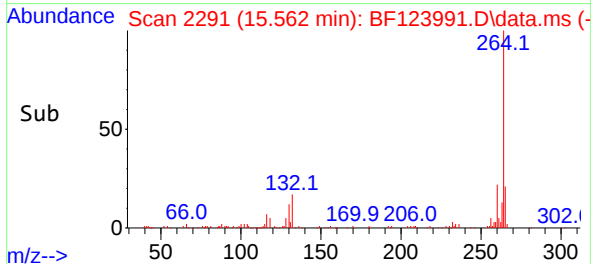
Instrument :
BNA_F
ClientSampleId :
JG-SPOILS-5-11-21-BRX



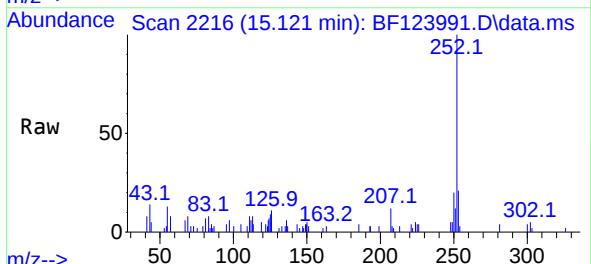
Tgt Ion:264 Resp: 107804
Ion Ratio Lower Upper
264 100
260 22.3 18.7 28.1
265 21.5 17.8 26.8

Manual Integrations
APPROVED

mohammad
5/20/2021 11:34:56 AM



#88
Benzo(b)fluoranthene
Concen: 2.50 ng m
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF123991.D
Acq: 19 May 2021 15:37



Tgt Ion:252 Resp: 20827
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 9.4 6.2 9.4#

