

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123796.D
 Acq On : 4 May 2021 00:24
 Operator : JU/CG
 Sample : M2236-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 11991

Manual Integrations
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Quant Time: May 04 01:46:36 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 16:30:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	259947	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	929590	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	405724	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	611701	20.00	ng	0.00
76) Chrysene-d12	13.974	240	443157	20.00	ng	-0.01
86) Perylene-d12	15.433	264	338825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1573401	95.89	ng	0.01
7) Phenol-d6	6.451	99	1990412	88.06	ng	0.00
23) Nitrobenzene-d5	7.375	82	1410852	68.51	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	399990	79.19	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1935068	69.46	ng	0.00
79) Terphenyl-d14	12.922	244	1320353	57.37	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.563	163	73571	2.57	ng	99
71) Phenanthrene	11.357	178	109355	3.41	ng	98
75) Fluoranthene	12.545	202	286547	8.19	ng	99
78) Pyrene	12.774	202	249777	7.26	ng	99
81) Benzo(a)anthracene	13.963	228	105580	3.93	ng	98
83) Chrysene	13.998	228	115894	4.29	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	40457	2.05	ng	# 90
88) Benzo(b)fluoranthene	15.010	252	115649m	5.07	ng	
90) Benzo(a)pyrene	15.368	252	72562	3.72	ng	# 93
92) Benzo(g,h,i)perylene	17.309	276	38345	2.30	ng	# 92

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

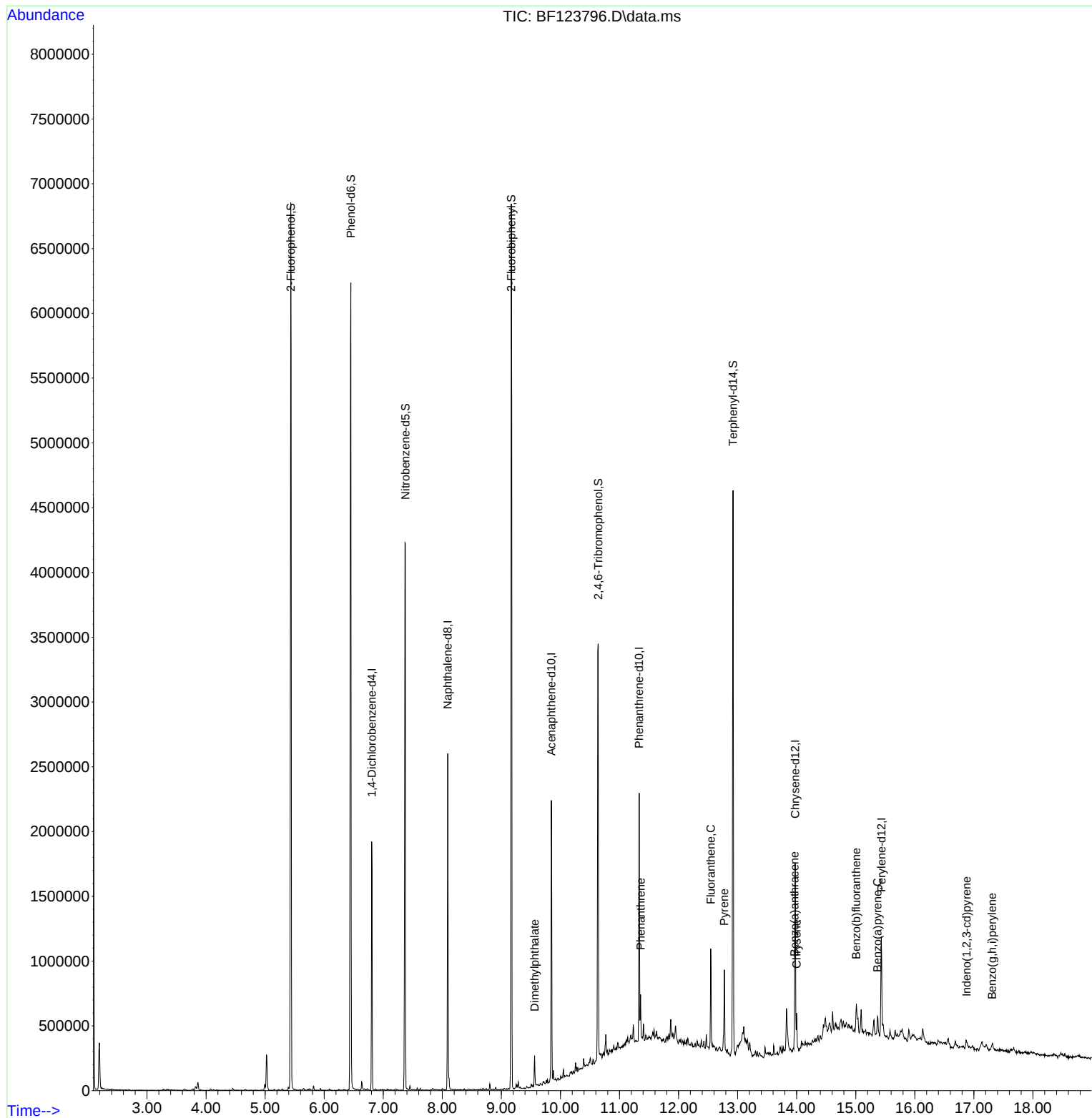
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123796.D
Acq On : 4 May 2021 00:24
Operator : JU/CG
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ALS Vial : 15 Sample Multiplier: 1

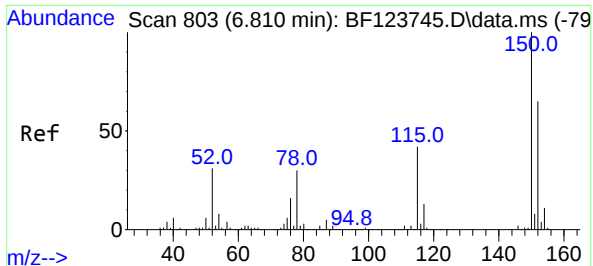
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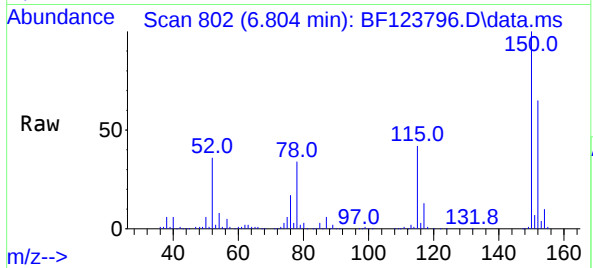
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
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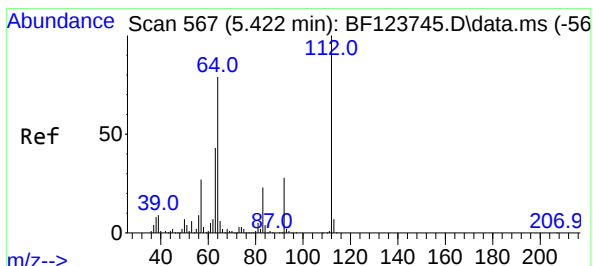
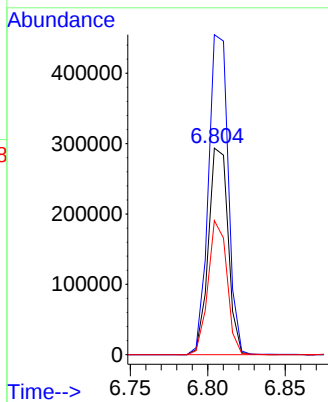
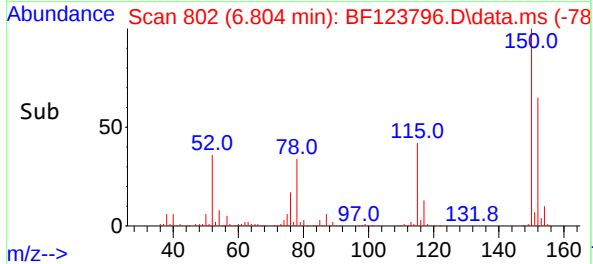




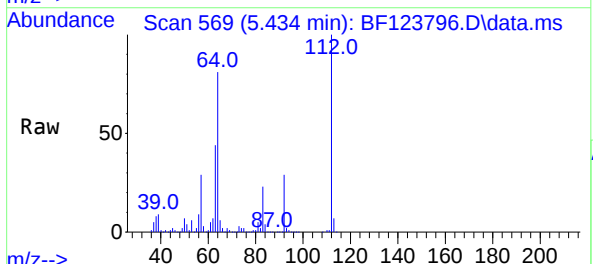
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



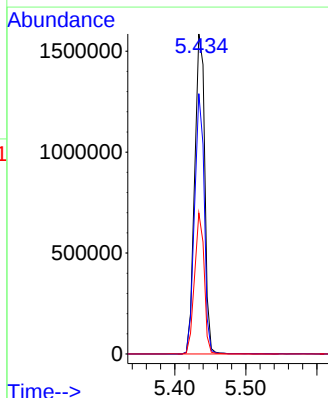
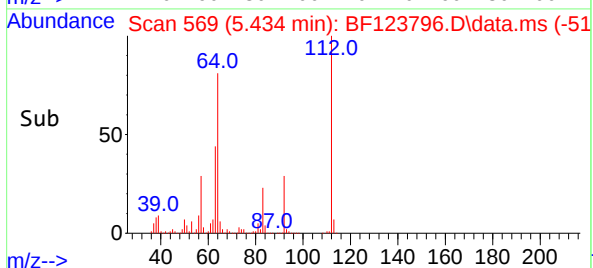
Tgt Ion:152 Resp: 259947
Ion Ratio Lower Upper
152 100
150 155.0 127.0 190.6
115 64.9 54.3 81.5



#5
2-Fluorophenol
Concen: 95.89 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



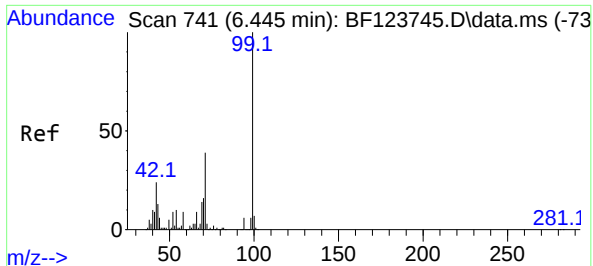
Tgt Ion:112 Resp: 1573401
Ion Ratio Lower Upper
112 100
64 81.3 61.4 92.0
63 44.1 33.0 49.4



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#7
Phenol-d6
Concen: 88.06 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

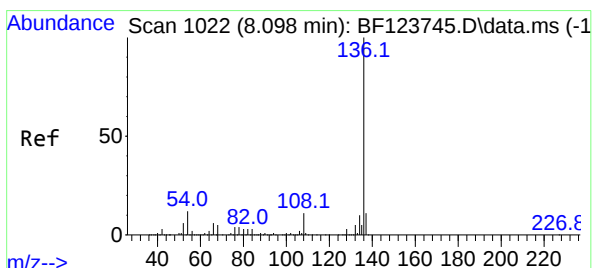
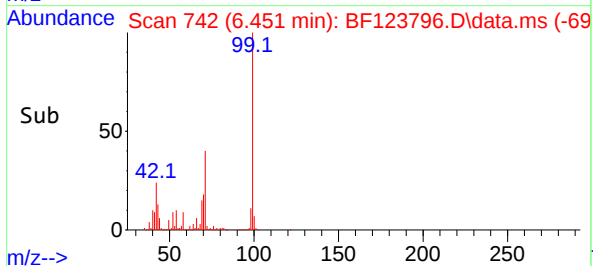
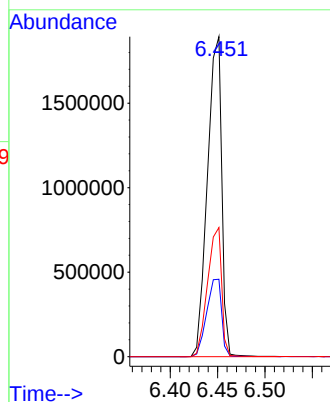
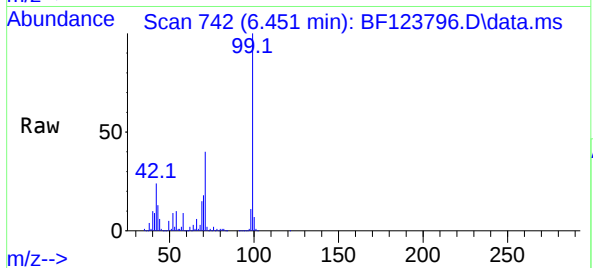
Tgt Ion: 99 Resp: 1990412

Ion	Ratio	Lower	Upper
99	100		
42	24.2	19.8	29.8
71	40.3	31.1	46.7

Instrument :
BNA_F
ClientSampled :
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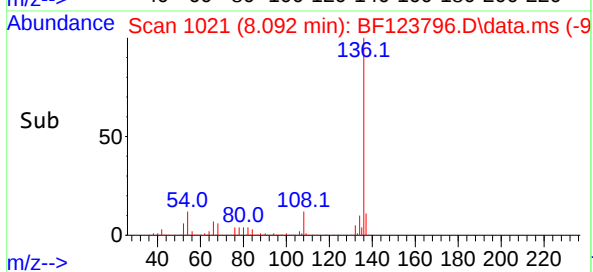
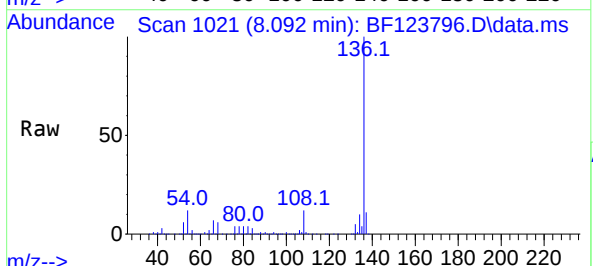
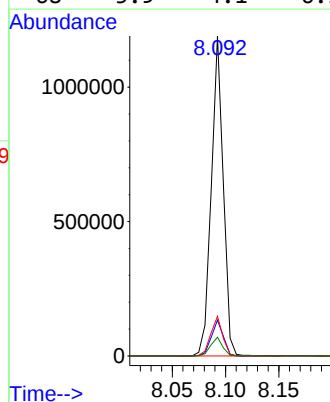
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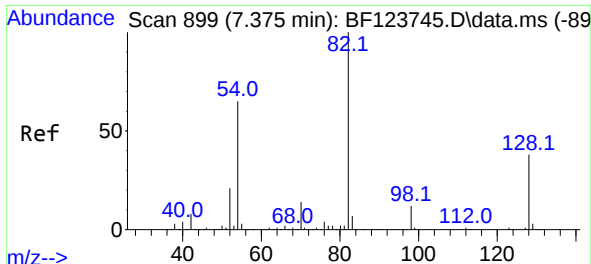


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

Tgt Ion: 136 Resp: 929590

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.4	9.8	14.6
68	5.9	4.1	6.1





#23
Nitrobenzene-d5
Concen: 68.51 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

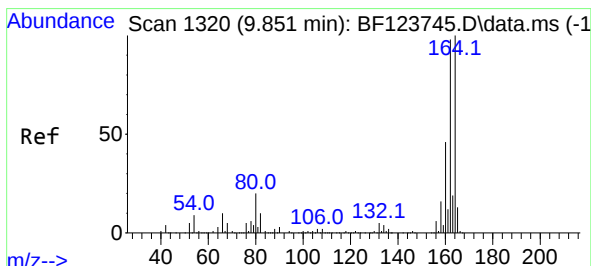
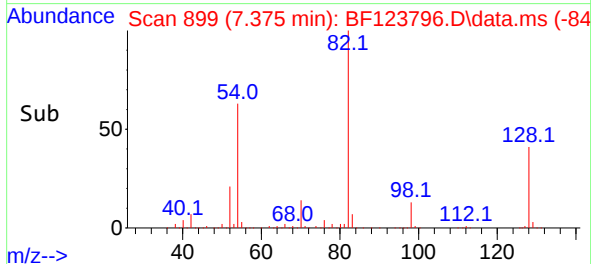
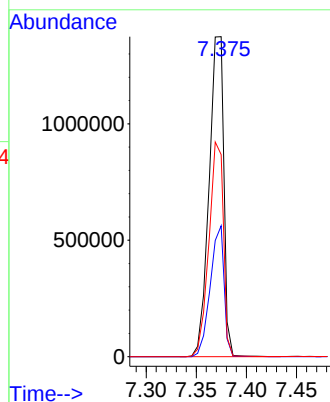
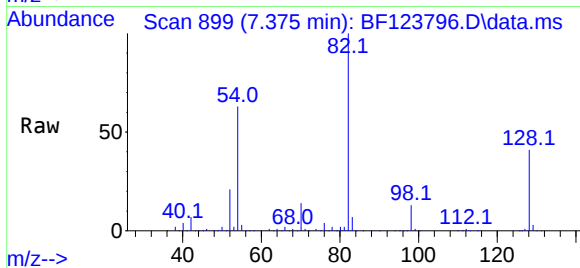
Tgt Ion: 82 Resp: 1410852

Ion	Ratio	Lower	Upper
82	100		
128	40.9	29.4	44.2
54	63.1	54.1	81.1

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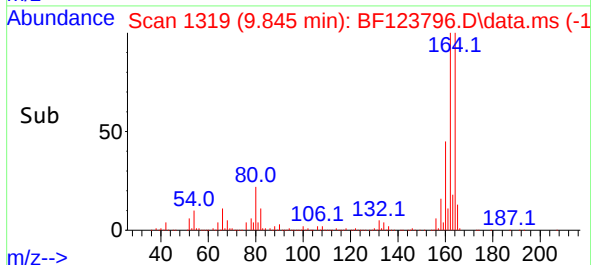
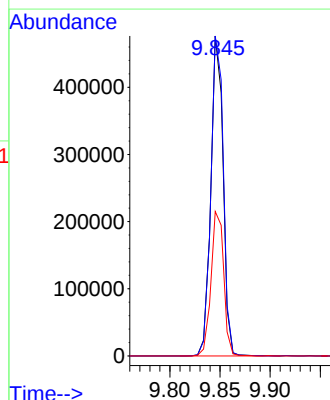
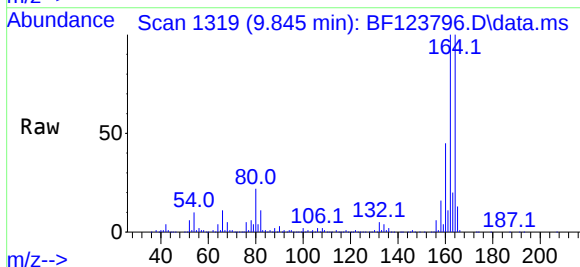
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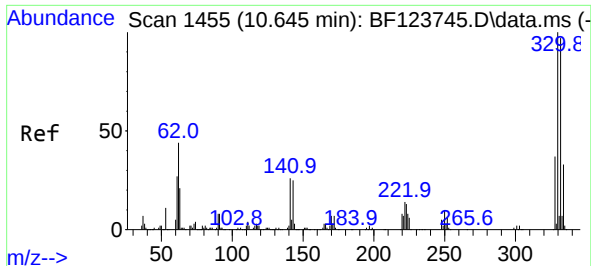


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

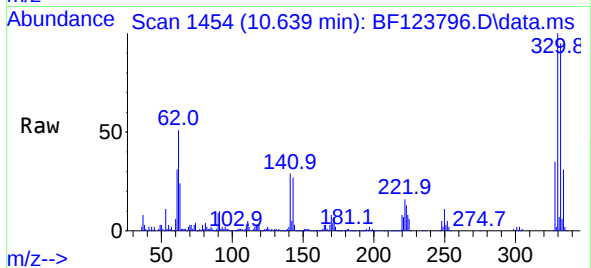
Tgt Ion:164 Resp: 405724

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.7	121.1
160	45.2	37.3	55.9

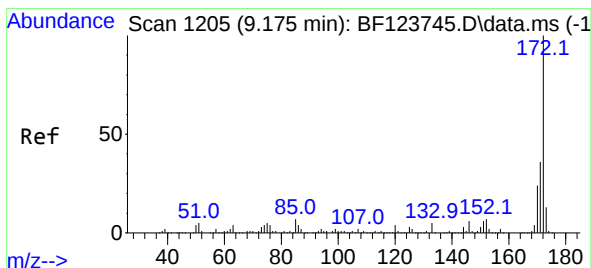
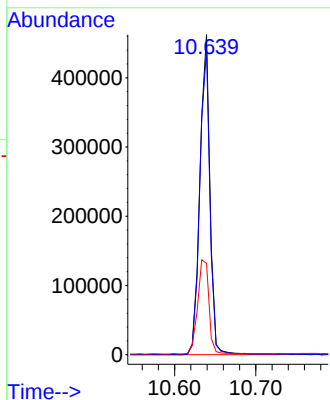
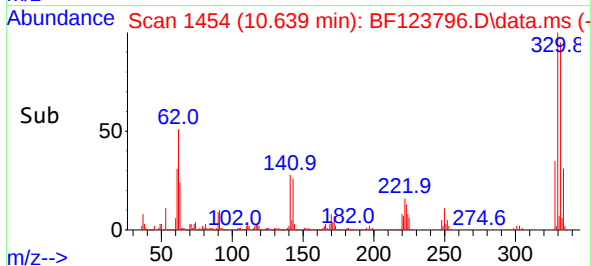




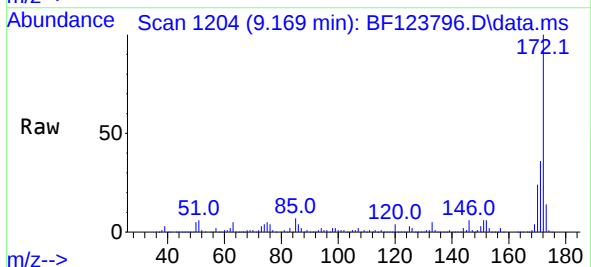
#42
2,4,6-Tribromophenol
Concen: 79.19 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



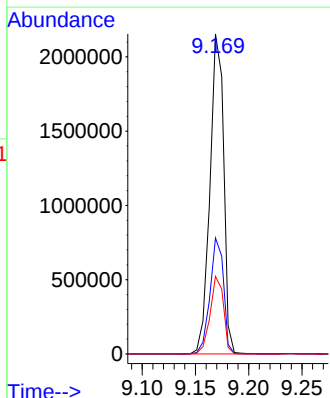
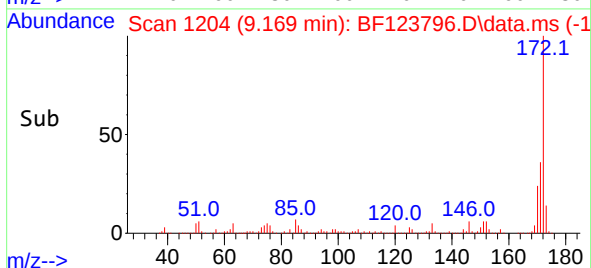
Tgt Ion: 330 Resp: 399990
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 32.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 69.46 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



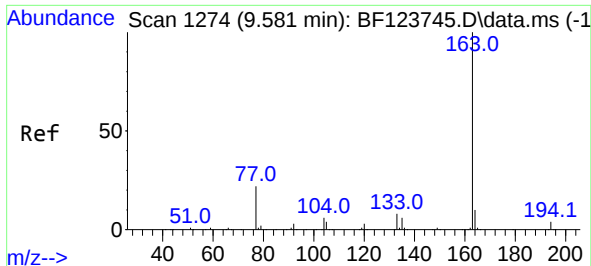
Tgt Ion: 172 Resp: 1935068
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.3 19.2 28.8



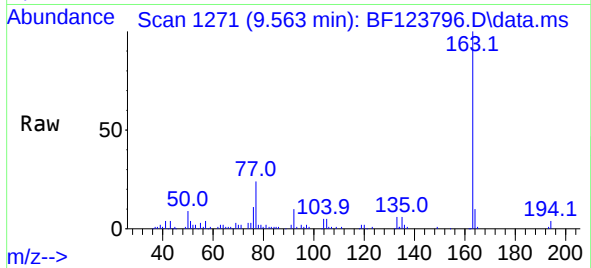
Instrument :
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ClientSampled :
11991

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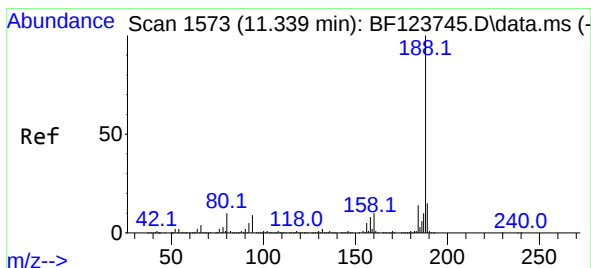
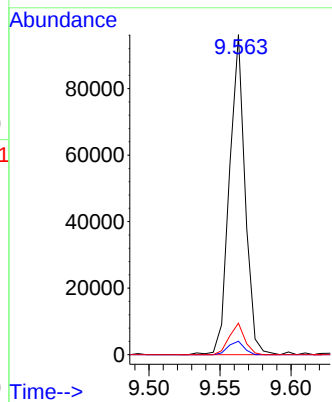
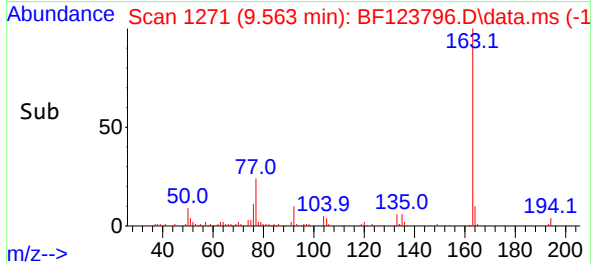
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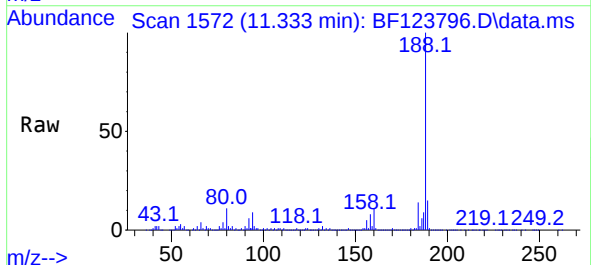
#50
Dimethylphthalate
Concen: 2.57 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.018 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



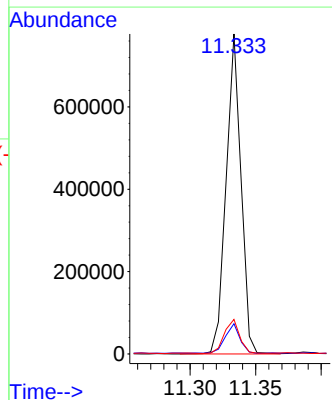
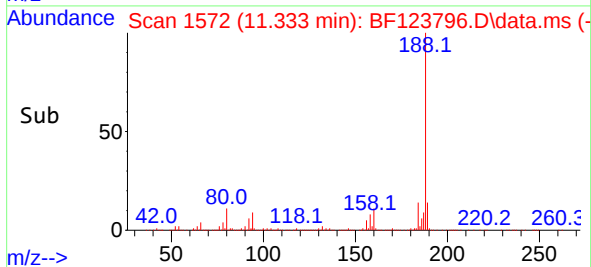
Tgt Ion:163 Resp: 73571
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



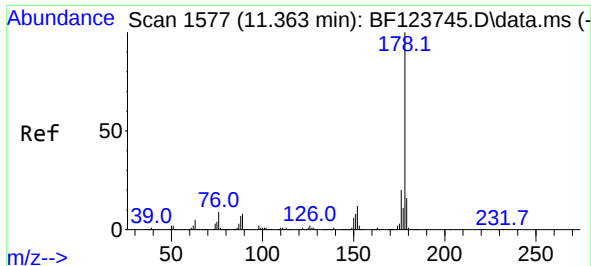
Tgt Ion:188 Resp: 611701
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 10.8 8.2 12.2



Instrument :
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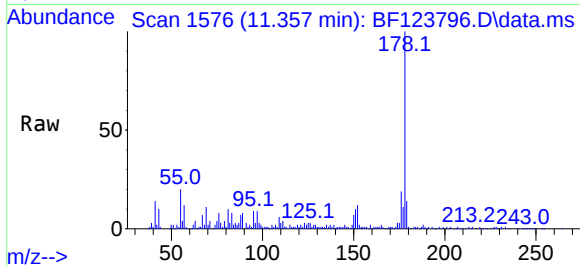
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#71
Phenanthrene
Concen: 3.41 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

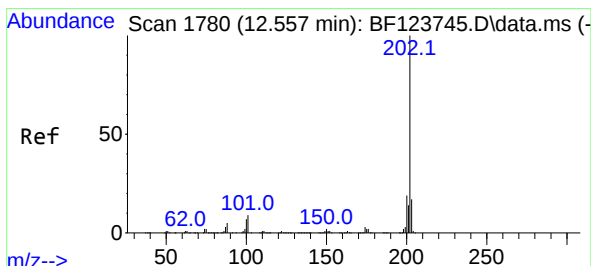
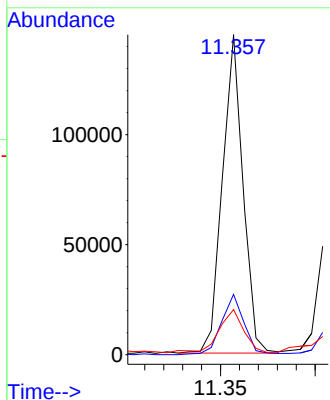
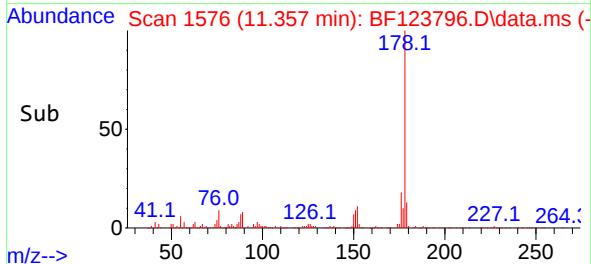
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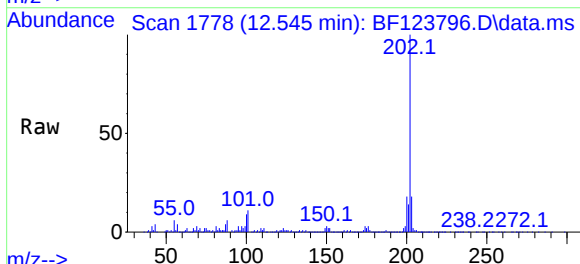
Tgt Ion:178 Resp: 109355
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 14.1 12.5 18.7

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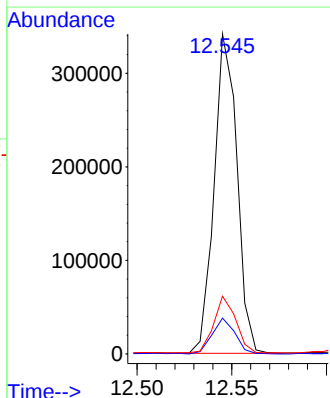
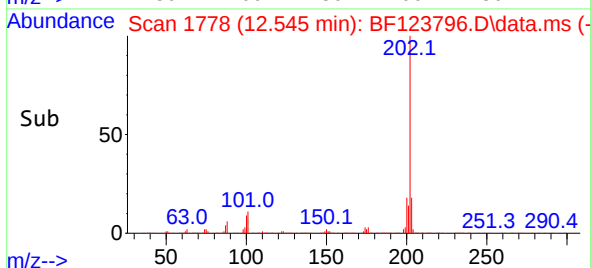
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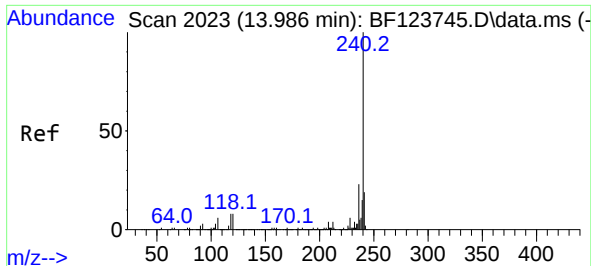


#75
Fluoranthene
Concen: 8.19 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



Tgt Ion:202 Resp: 286547
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 18.1 0.0 37.5





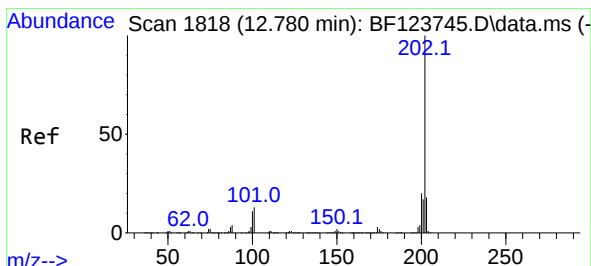
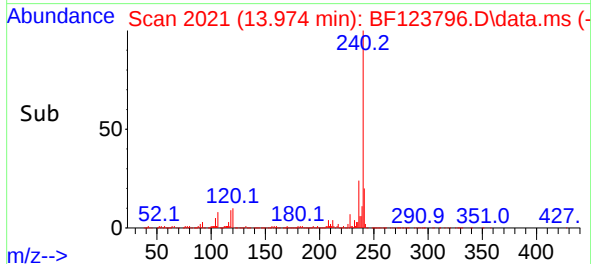
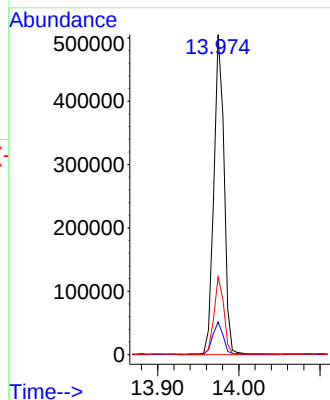
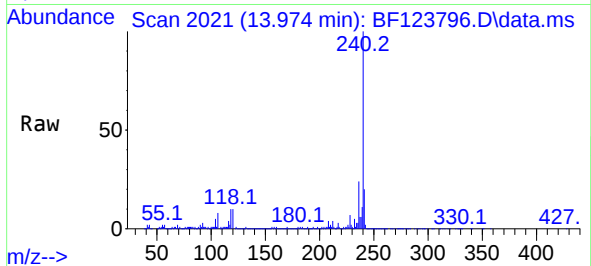
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

Tgt Ion:240 Resp: 443157
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.4 19.0 28.4

Instrument :
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ClientSampled :
11991

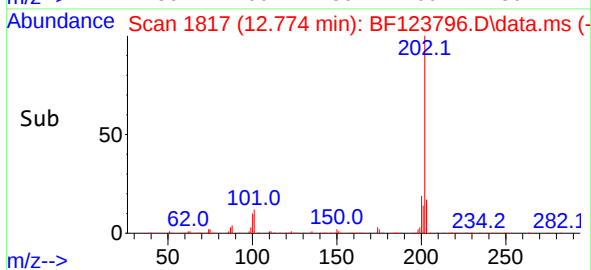
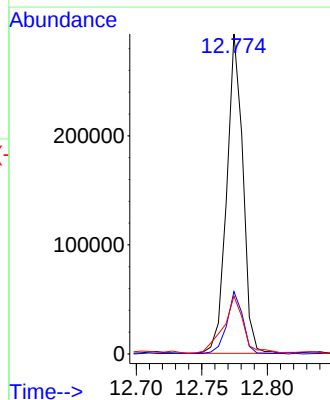
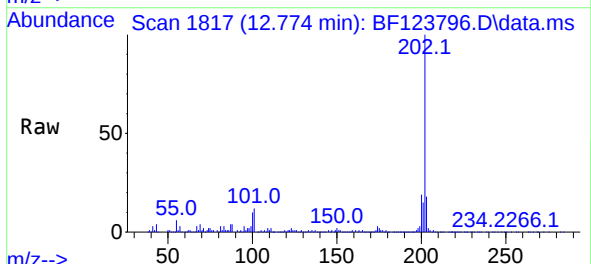
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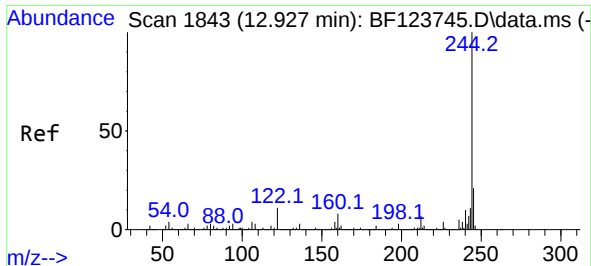
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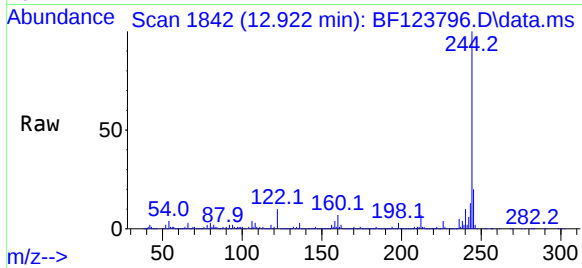
#78
Pyrene
Concen: 7.26 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

Tgt Ion:202 Resp: 249777
Ion Ratio Lower Upper
202 100
200 19.5 16.1 24.1
203 18.1 14.8 22.2

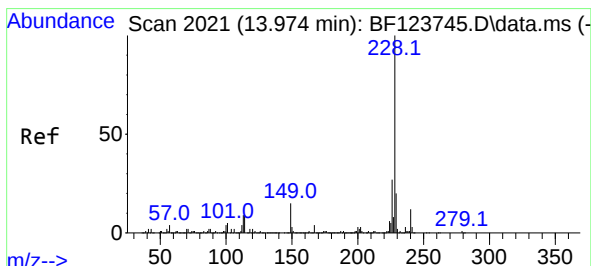
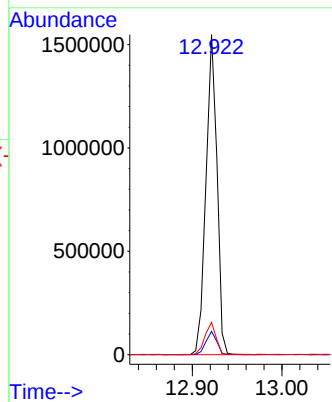
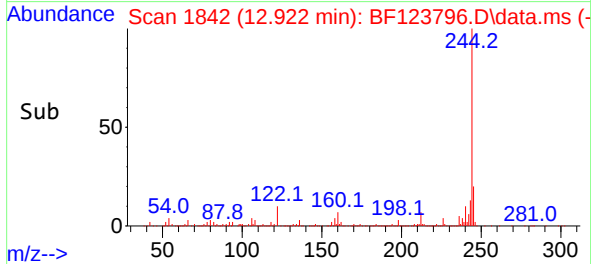




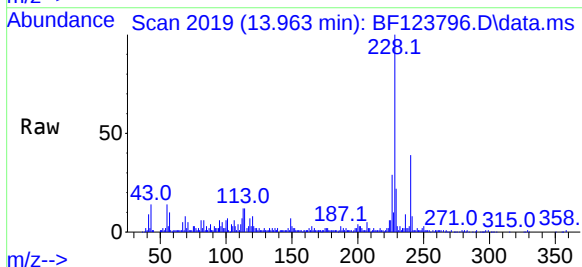
#79
Terphenyl-d14
Concen: 57.37 ng
RT: 12.922 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



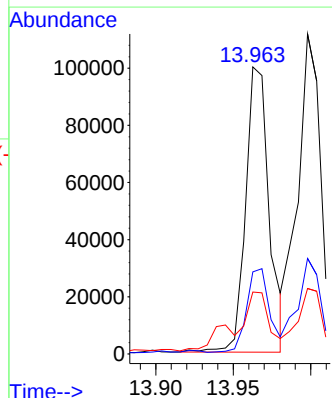
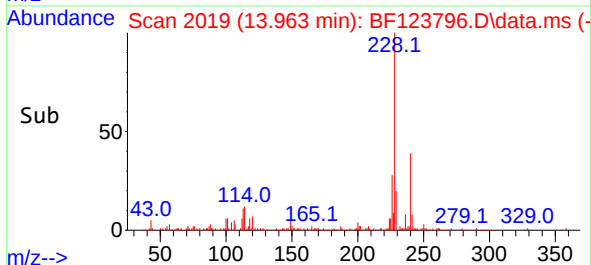
Tgt Ion:244 Resp: 1320353
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 10.1 9.7 14.5



#81
Benzo(a)anthracene
Concen: 3.93 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



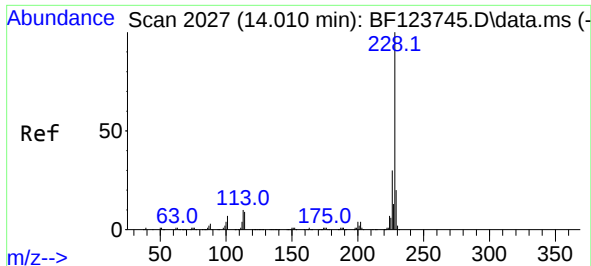
Tgt Ion:228 Resp: 105580
Ion Ratio Lower Upper
228 100
226 28.6 22.4 33.6
229 21.6 16.0 24.0



Instrument :
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ClientSampled :
11991

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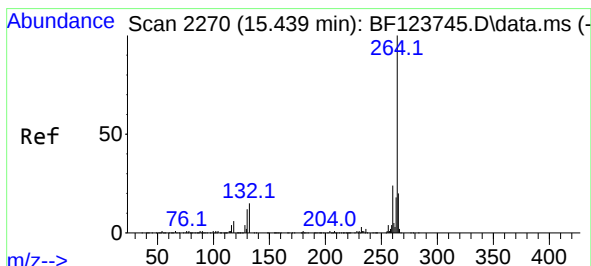
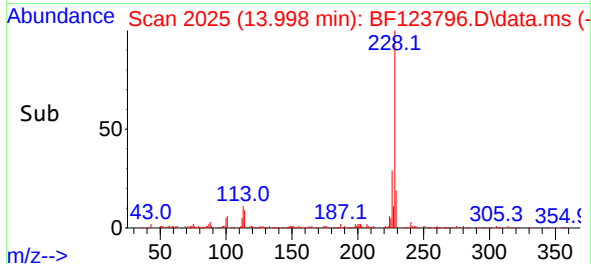
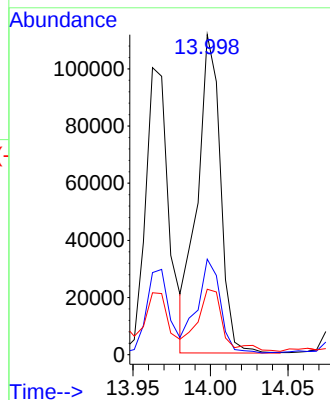
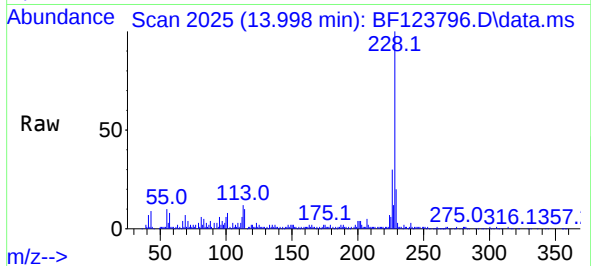
#83
Chrysene
Concen: 4.29 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

Tgt Ion:228 Resp: 115894
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 20.4 16.2 24.2

Instrument :
BNA_F
ClientSampleId :
11991

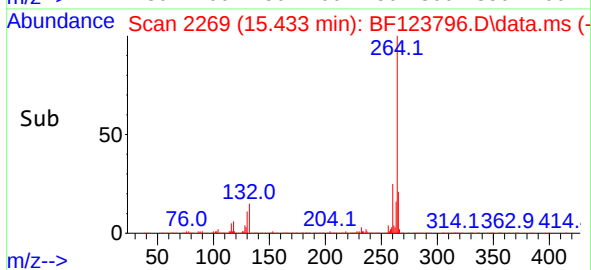
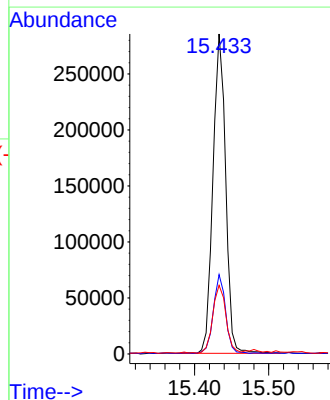
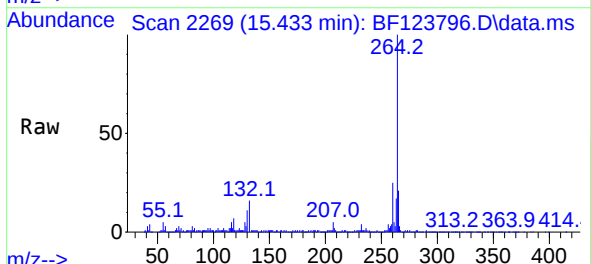
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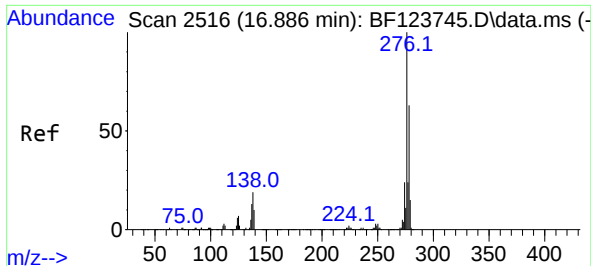
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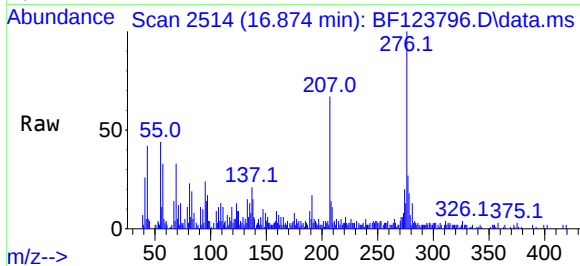
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24

Tgt Ion:264 Resp: 338825
Ion Ratio Lower Upper
264 100
260 24.8 18.7 28.1
265 21.4 17.8 26.8

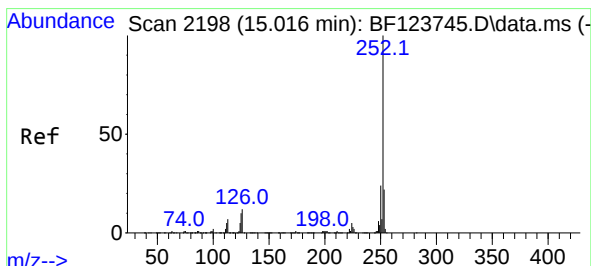
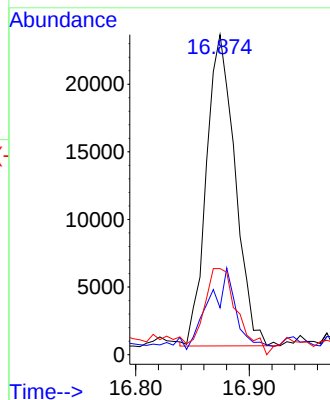
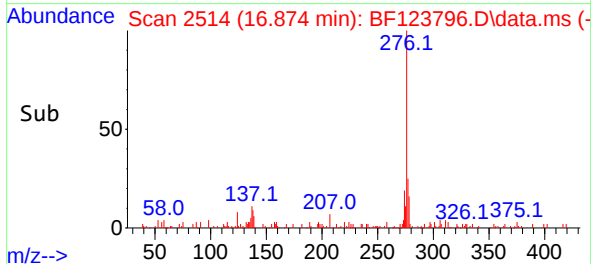




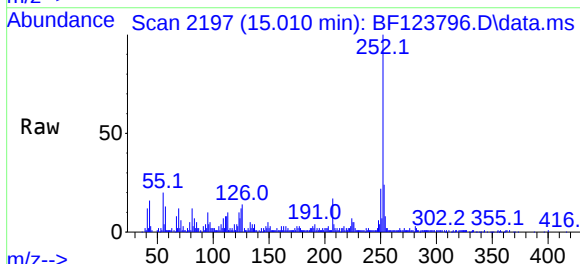
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 16.874 min Scan# 2514
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



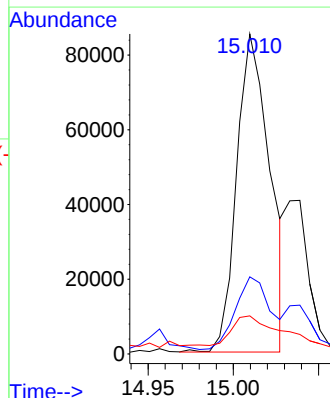
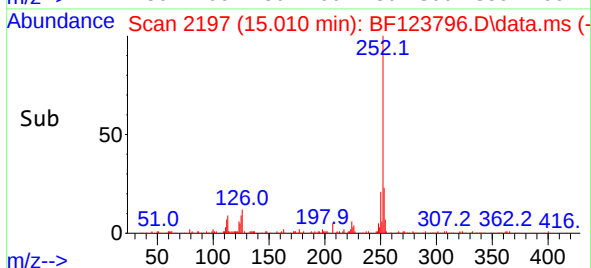
Tgt Ion:276 Resp: 40457
Ion Ratio Lower Upper
276 100
138 22.7 16.2 24.2
277 32.0 20.1 30.1#



#88
Benzo(b)fluoranthene
Concen: 5.07 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



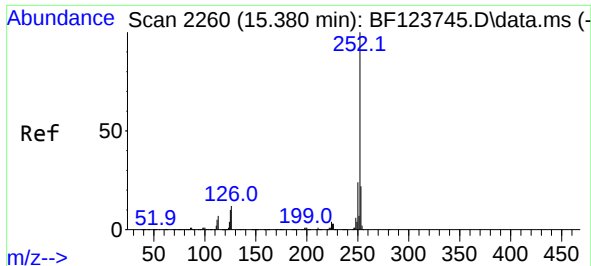
Tgt Ion:252 Resp: 115649
Ion Ratio Lower Upper
252 100
253 24.1 18.1 27.1
125 11.9 6.2 9.4#



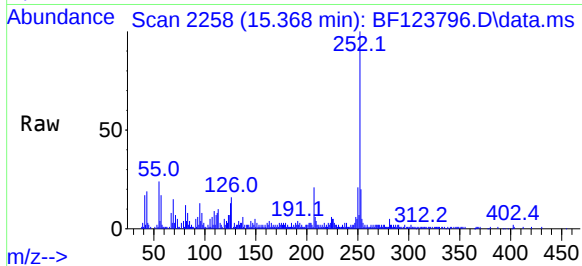
Instrument :
BNA_F
ClientSampleId :
11991

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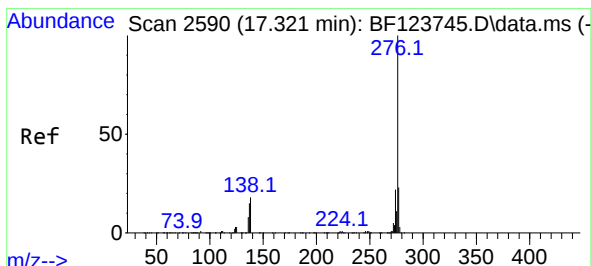
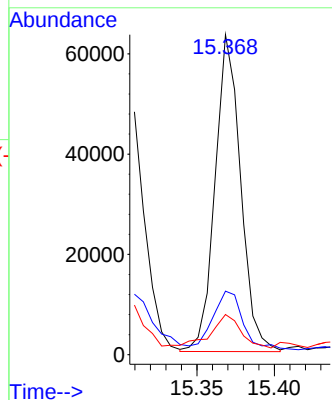
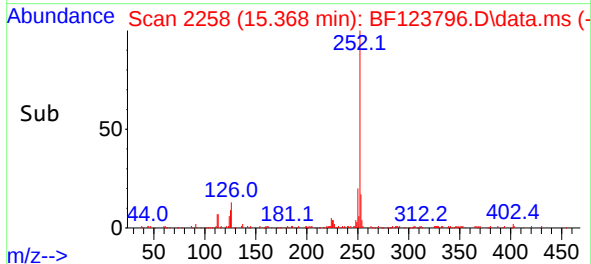
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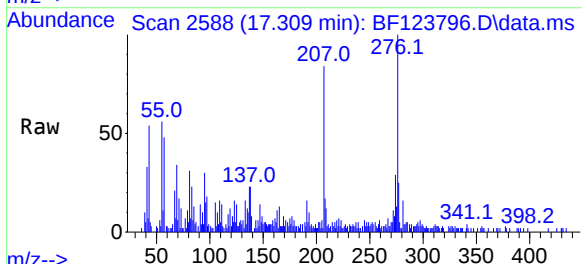
#90
Benzo(a)pyrene
Concen: 3.72 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



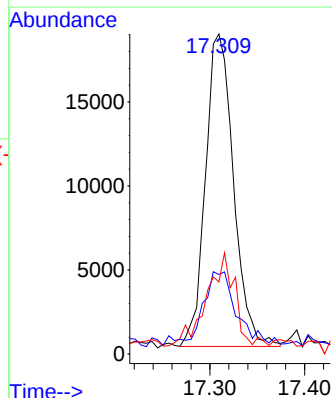
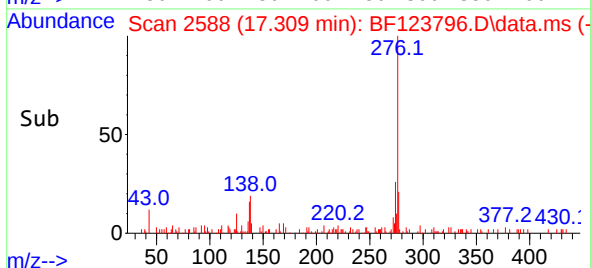
Tgt Ion:252 Resp: 72562
Ion Ratio Lower Upper
252 100
253 19.8 18.4 27.6
125 12.6 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 2.30 ng
RT: 17.309 min Scan# 2588
Delta R.T. -0.012 min
Lab File: BF123796.D
Acq: 4 May 2021 00:24



Tgt Ion:276 Resp: 38345
Ion Ratio Lower Upper
276 100
277 24.8 18.2 27.2
138 22.5 13.8 20.6#



Instrument :
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ClientSampled :
11991

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