

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
 Data File : BF123791.D
 Acq On : 3 May 2021 21:47
 Operator : JU/CG
 Sample : M2227-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-1-COMP

Manual Integrations
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Quant Time: May 04 00:57:39 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	242114	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	860620	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	399578	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	655592	20.00	ng	0.00
76) Chrysene-d12	13.974	240	449897	20.00	ng	-0.01
86) Perylene-d12	15.433	264	414132	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1309471	85.68	ng	0.00
7) Phenol-d6	6.445	99	1704570	80.97	ng	0.00
23) Nitrobenzene-d5	7.369	82	1182433	62.02	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	381012	76.60	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1692591	61.69	ng	0.00
79) Terphenyl-d14	12.921	244	1263092	54.06	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.357	178	414203	12.04	ng	99
75) Fluoranthene	12.545	202	736194	19.63	ng	99
78) Pyrene	12.774	202	662458	18.97	ng	98
81) Benzo(a)anthracene	13.963	228	296697	10.88	ng	99
83) Chrysene	13.998	228	308092	11.23	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	143107	5.93	ng	99
88) Benzo(b)fluoranthene	15.010	252	393483m	14.10	ng	
89) Benzo(k)fluoranthene	15.033	252	116556m	4.38	ng	
90) Benzo(a)pyrene	15.368	252	252677	10.59	ng	99
92) Benzo(g,h,i)perylene	17.304	276	136686	6.70	ng	98

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

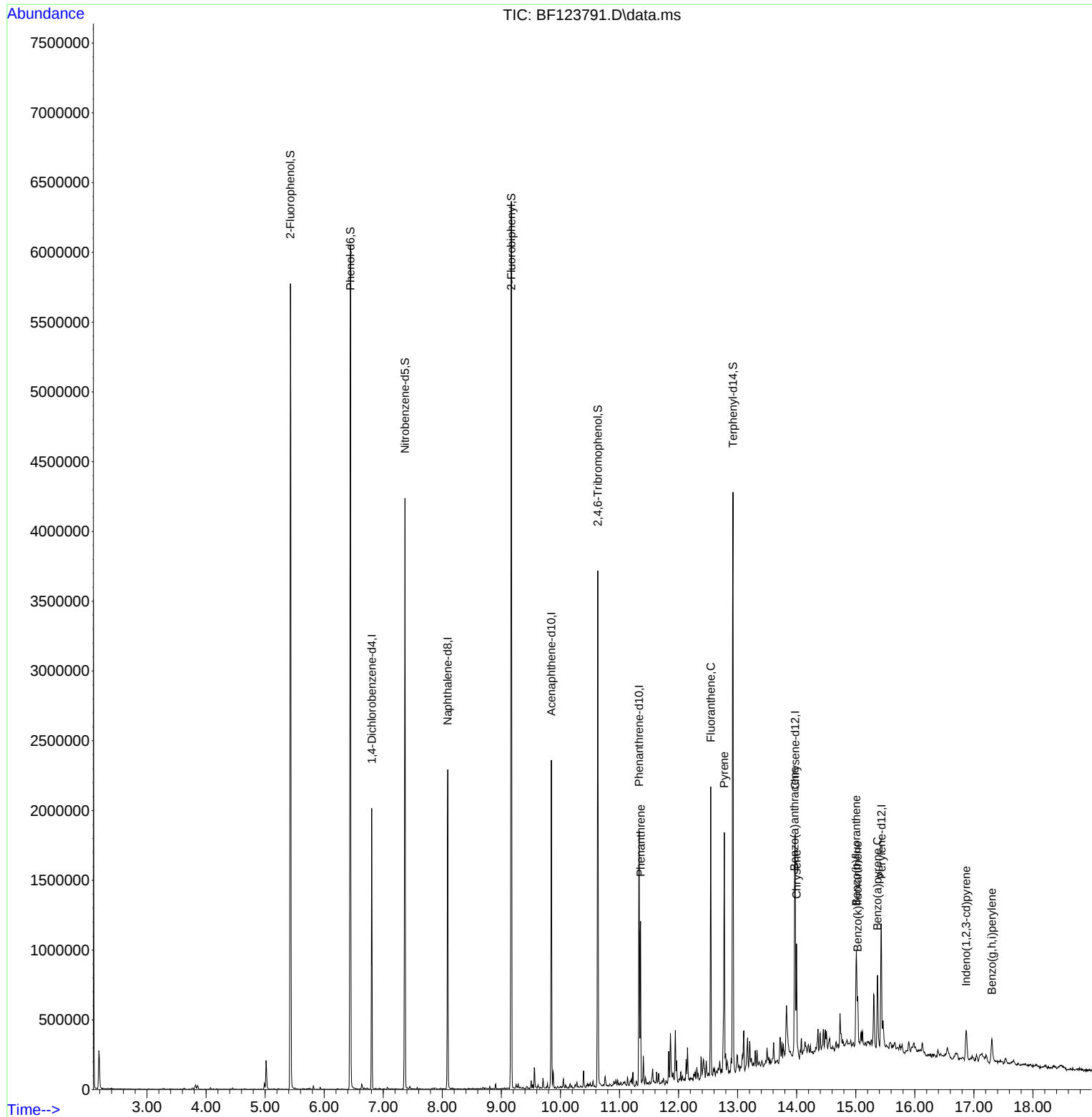
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123791.D
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Operator : JU/CG
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ALS Vial : 10 Sample Multiplier: 1

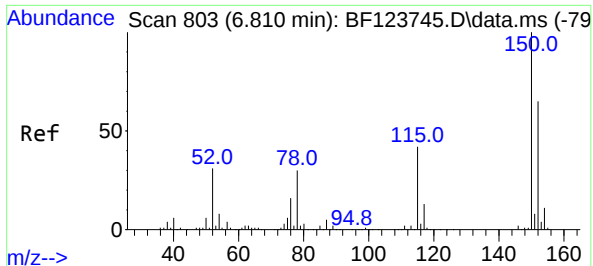
Instrument :
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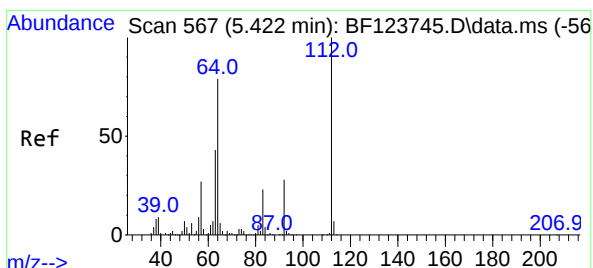
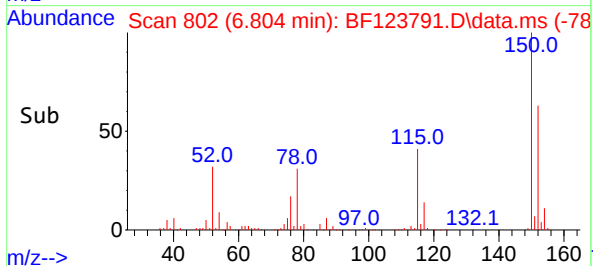
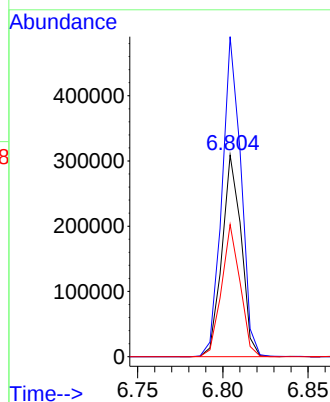
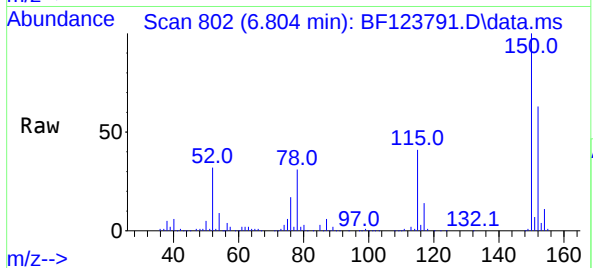
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123791.D
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Tgt Ion:152 Resp: 242114
Ion Ratio Lower Upper
152 100
150 158.8 127.0 190.6
115 65.5 54.3 81.5

Instrument :
BNA_F
ClientSampled :
TP-2-1-COMP

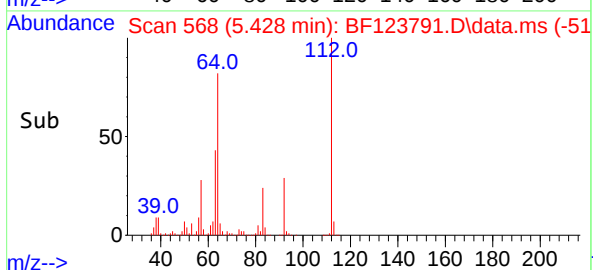
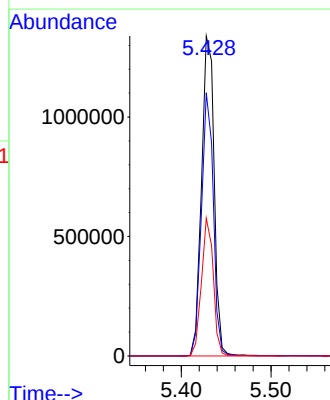
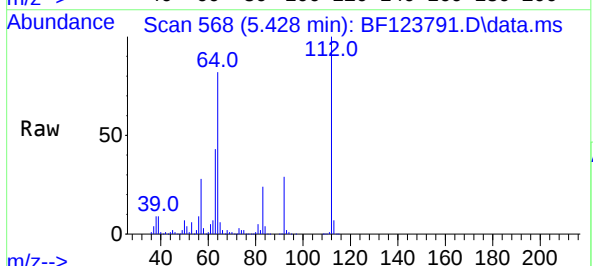
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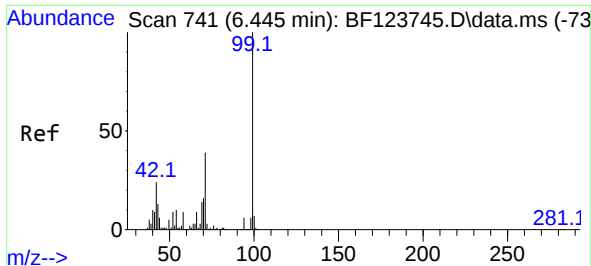
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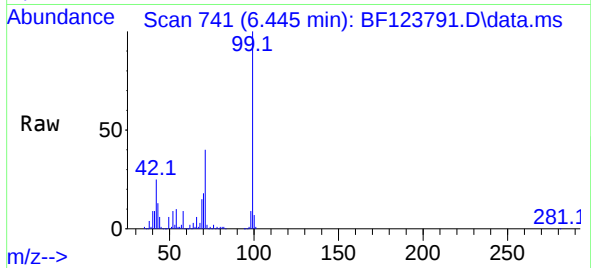
#5
2-Fluorophenol
Concen: 85.68 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:112 Resp: 1309471
Ion Ratio Lower Upper
112 100
64 82.3 61.4 92.0
63 43.1 33.0 49.4



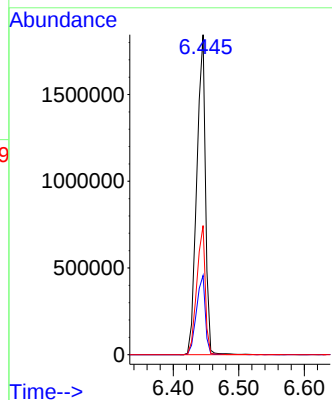


#7
Phenol-d6
Concen: 80.97 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



Tgt Ion: 99 Resp: 1704570

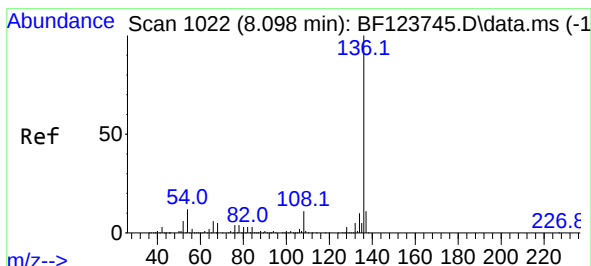
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.8	29.8
71	40.4	31.1	46.7



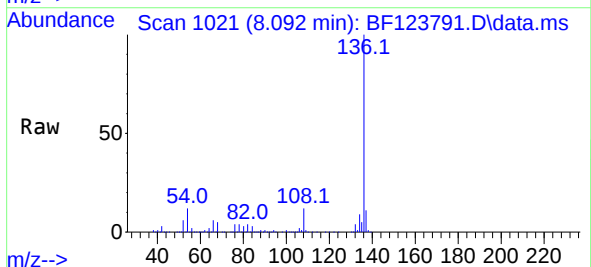
Instrument :
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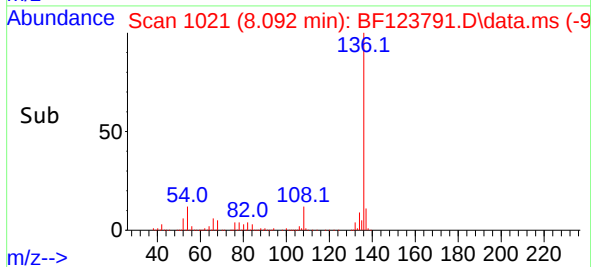
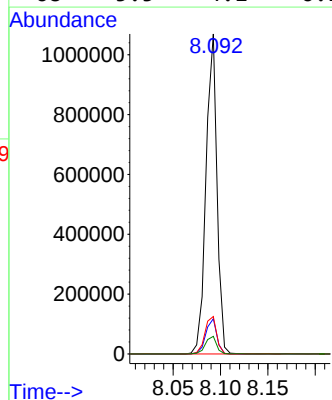


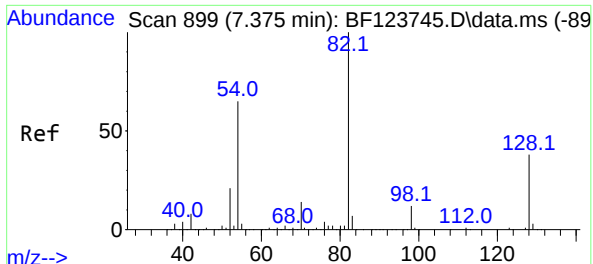
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



Tgt Ion: 136 Resp: 860620

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	11.7	9.8	14.6
68	5.5	4.1	6.1





#23
Nitrobenzene-d5
Concen: 62.02 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

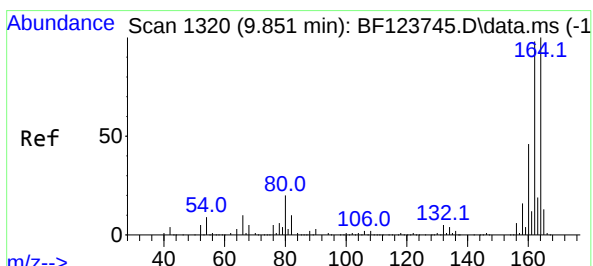
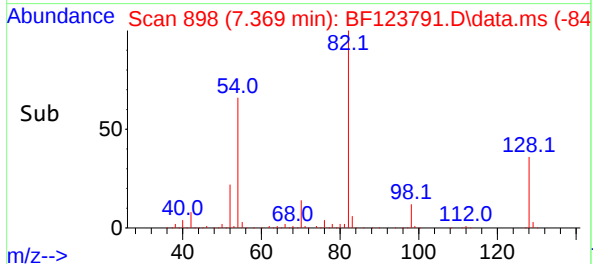
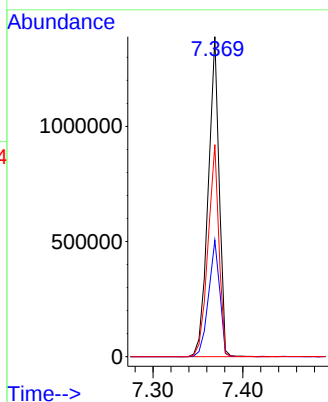
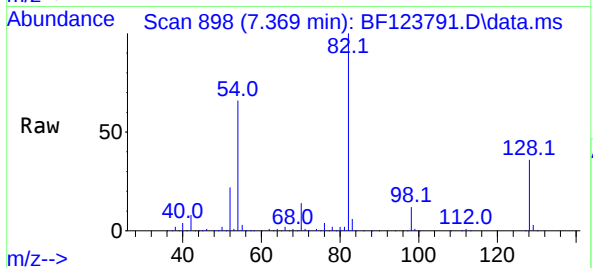
Tgt Ion: 82 Resp: 1182433

Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.4	44.2
54	66.2	54.1	81.1

Instrument :
BNA_F
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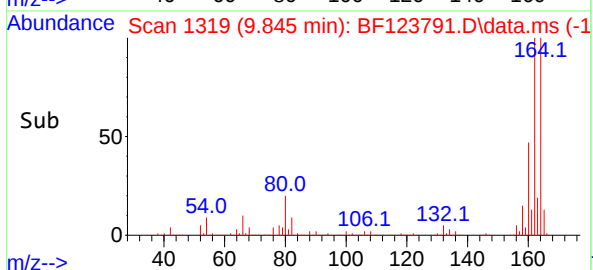
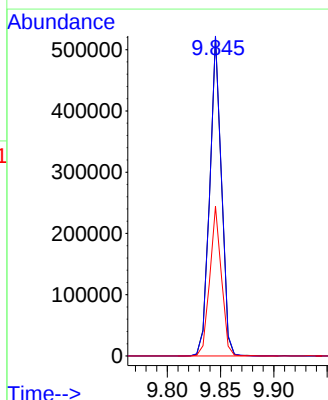
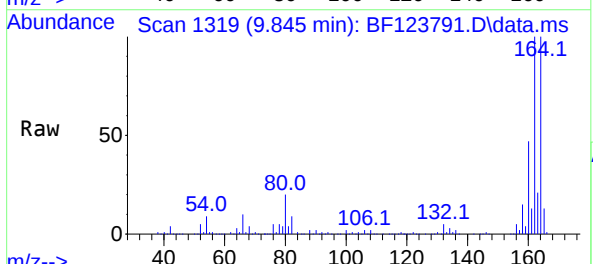
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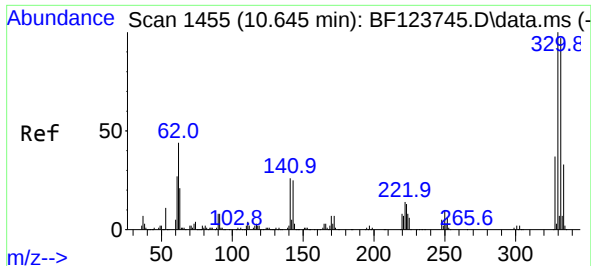


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

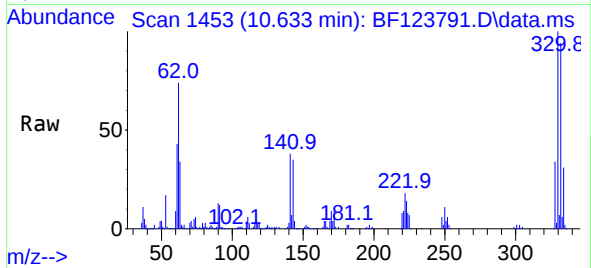
Tgt Ion:164 Resp: 399578

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.7	121.1
160	46.9	37.3	55.9

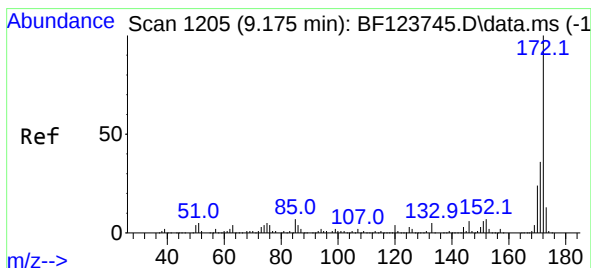
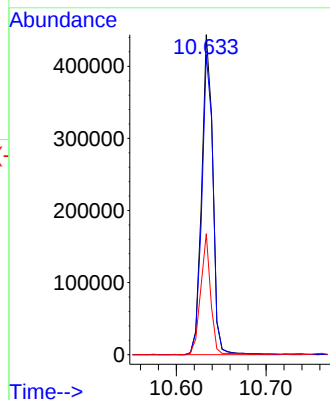
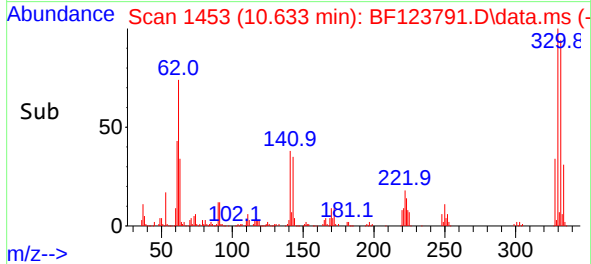




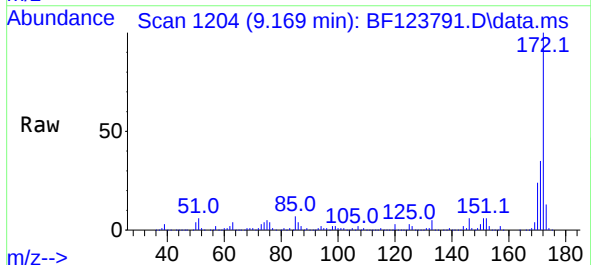
#42
2,4,6-Tribromophenol
Concen: 76.60 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



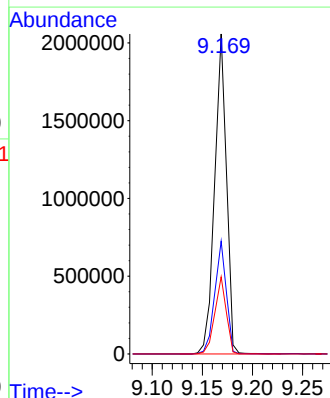
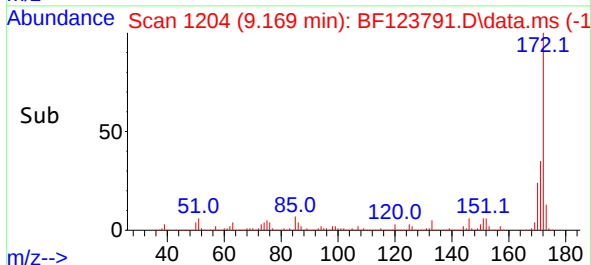
Tgt Ion:330 Resp: 381012
Ion Ratio Lower Upper
330 100
332 95.0 77.1 115.7
141 34.2 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.69 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



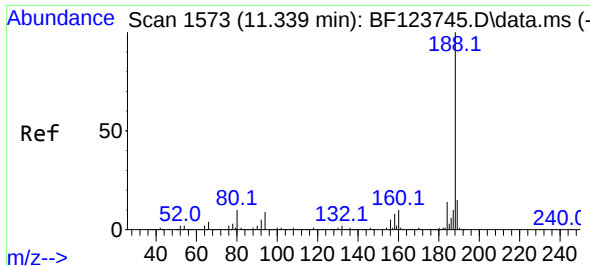
Tgt Ion:172 Resp: 1692591
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 24.1 19.2 28.8



Instrument :
BNA_F
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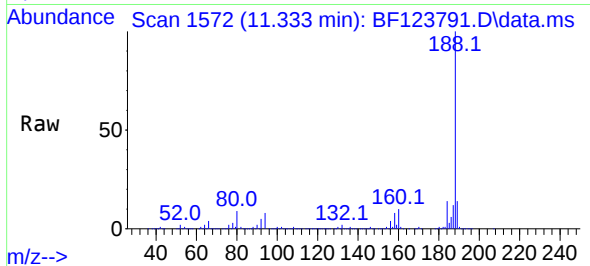
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

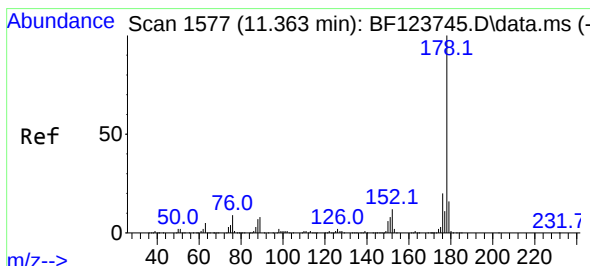
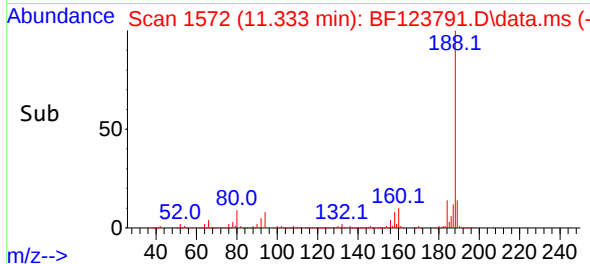
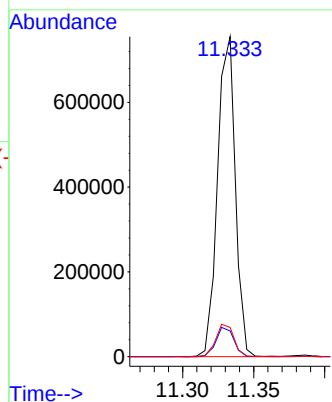
Instrument :
BNA_F
ClientSampleId :
TP-2-1-COMP



Tgt Ion:188 Resp: 655592
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.2 8.2 12.2

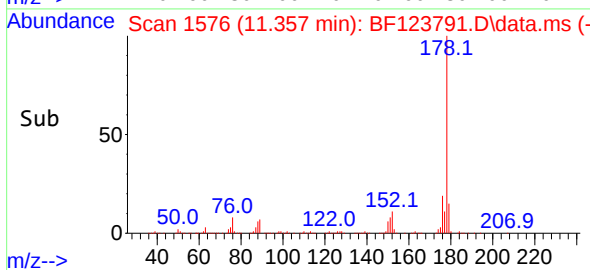
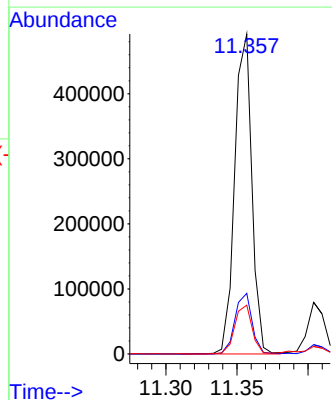
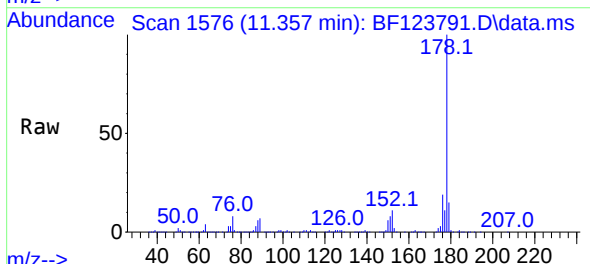
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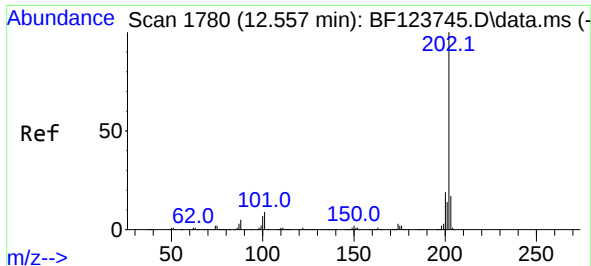
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#71
Phenanthrene
Concen: 12.04 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:178 Resp: 414203
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.3 12.5 18.7





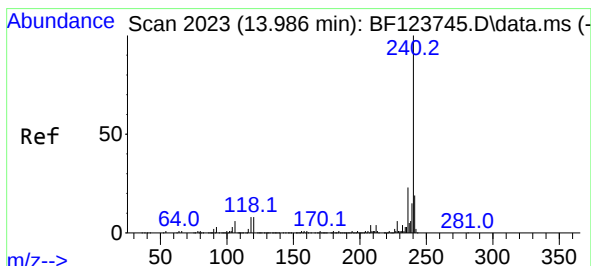
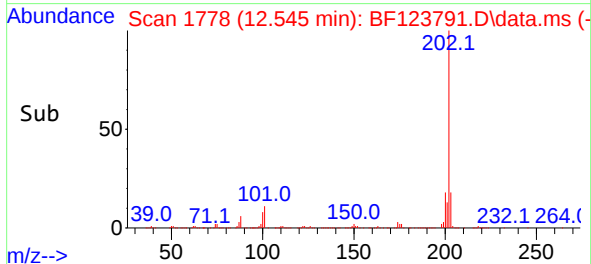
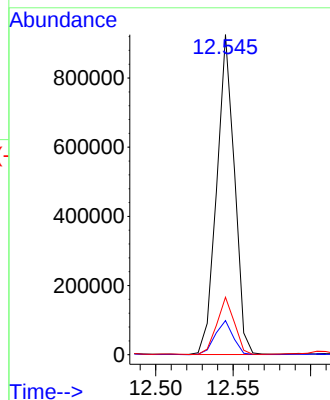
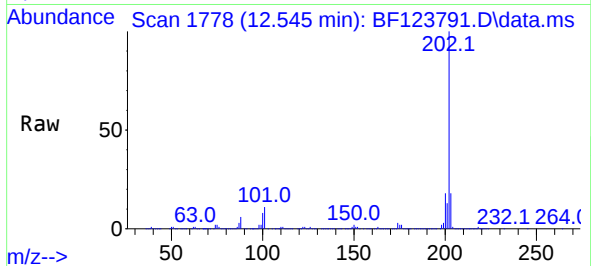
#75
Fluoranthene
Concen: 19.63 ng
RT: 12.545 min Scan# 1778
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:	202	Resp:	736194
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.9
203	17.9	0.0	37.5

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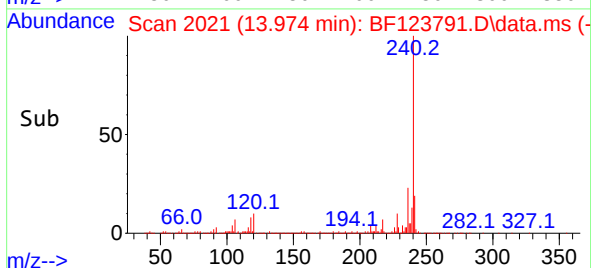
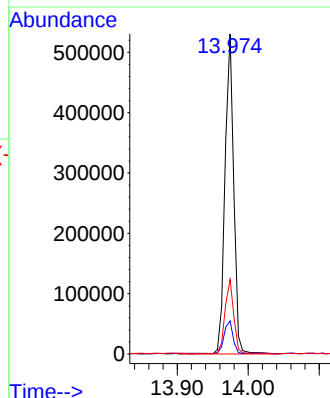
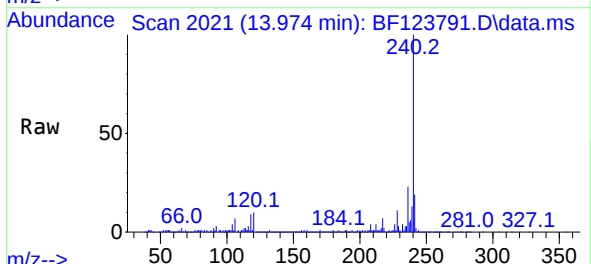
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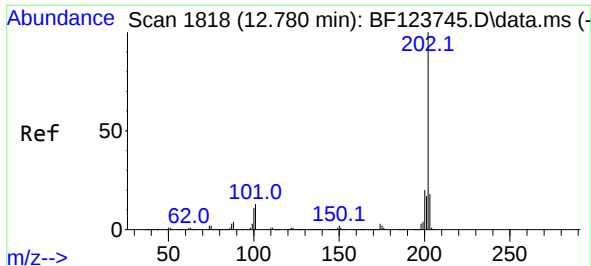
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123791.D
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Tgt Ion:	240	Resp:	449897
Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.2	10.8
236	23.3	19.0	28.4





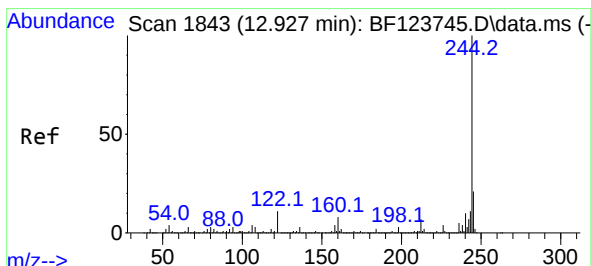
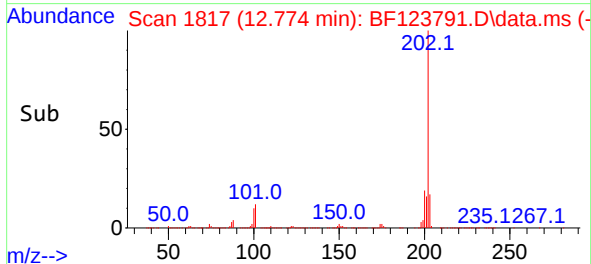
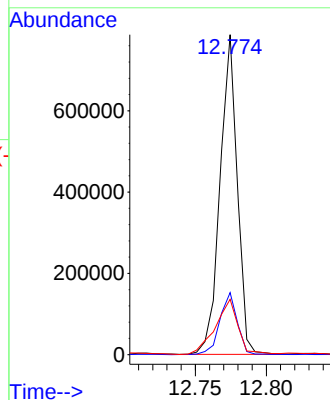
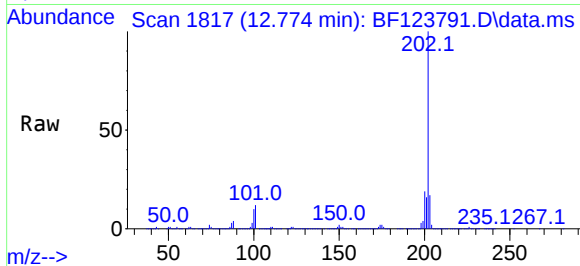
#78
Pyrene
Concen: 18.97 ng
RT: 12.774 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:	202	Resp:	662458
Ion	Ratio	Lower	Upper
202	100		
200	19.4	16.1	24.1
203	17.3	14.8	22.2

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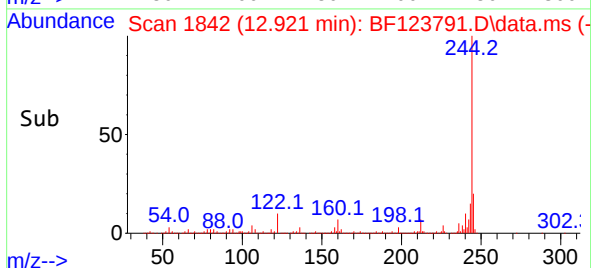
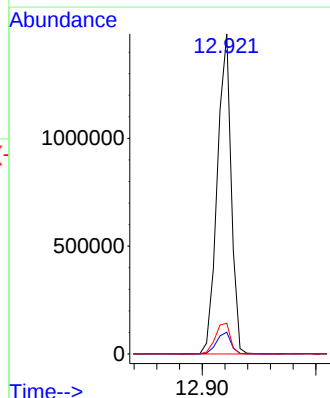
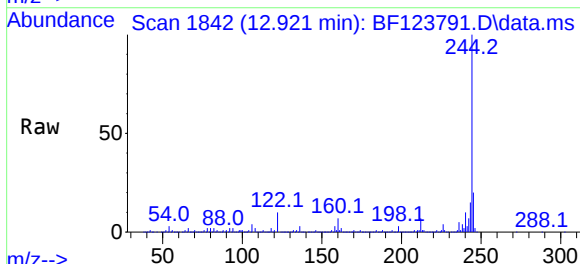
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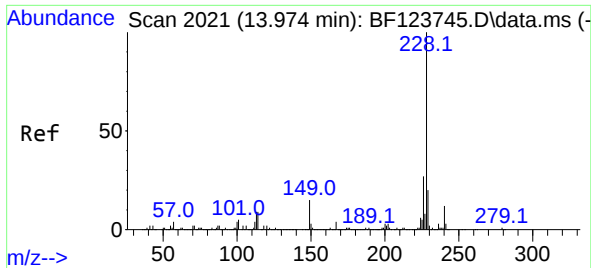
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#79
Terphenyl-d14
Concen: 54.06 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

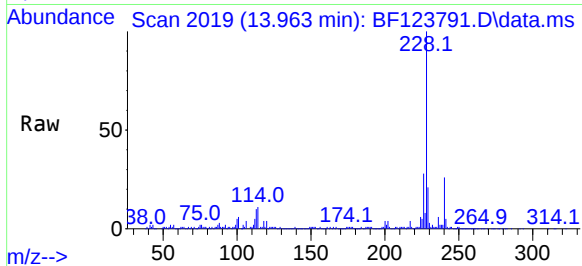
Tgt Ion:	244	Resp:	1263092
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	9.6	9.7	14.5#





#81
Benzo(a)anthracene
Concen: 10.88 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

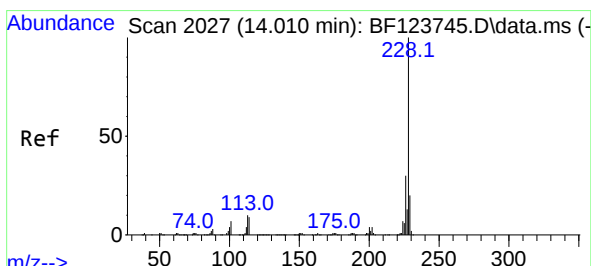
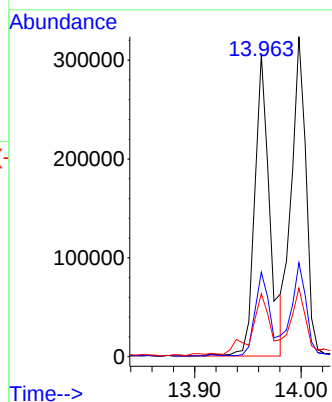
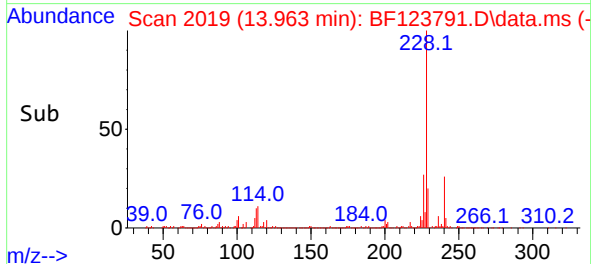
Instrument :
BNA_F
ClientSampleId :
TP-2-1-COMP



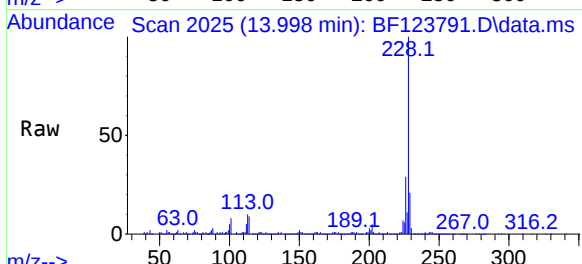
Tgt Ion:228 Resp: 296697
Ion Ratio Lower Upper
228 100
226 27.9 22.4 33.6
229 20.8 16.0 24.0

Manual Integrations
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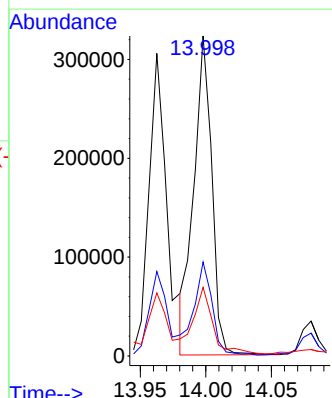
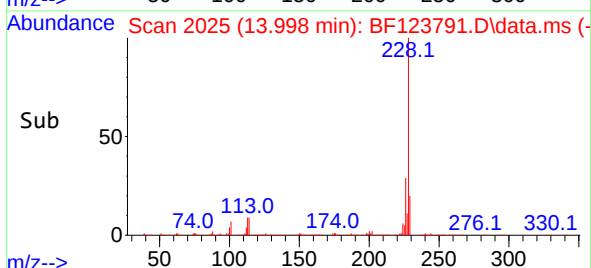
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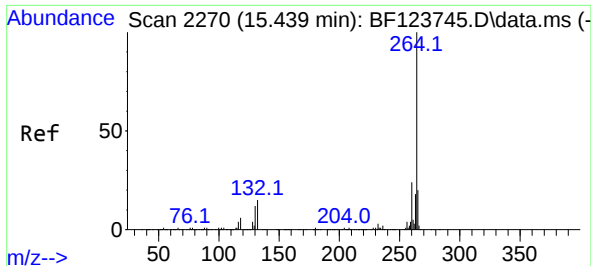


#83
Chrysene
Concen: 11.23 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



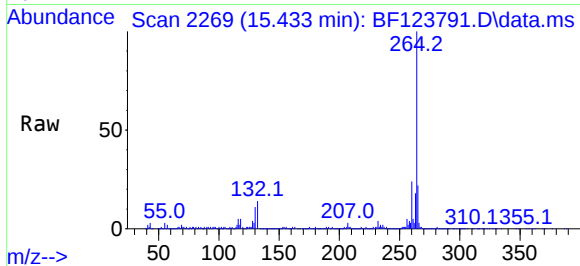
Tgt Ion:228 Resp: 308092
Ion Ratio Lower Upper
228 100
226 29.4 24.3 36.5
229 21.4 16.2 24.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

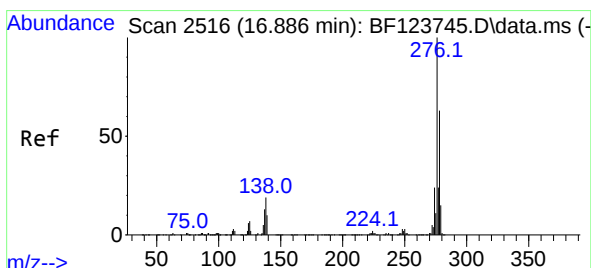
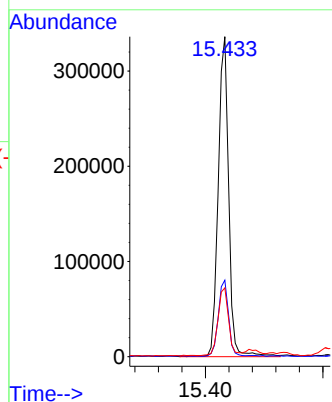
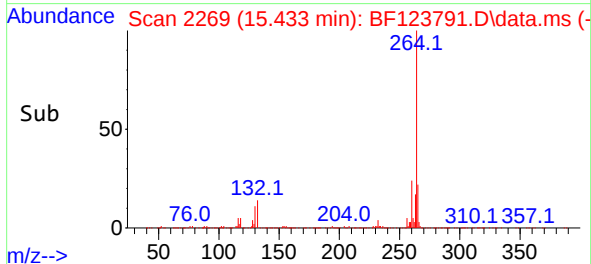
Instrument :
BNA_F
ClientSampleId :
TP-2-1-COMP



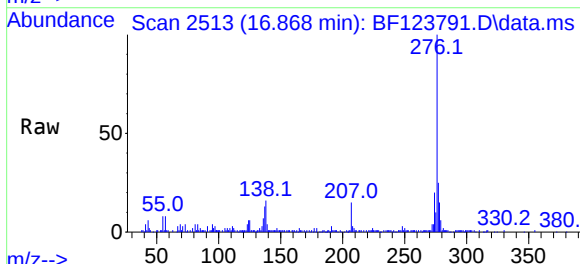
Tgt Ion:264 Resp: 414132
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.5 17.8 26.8

Manual Integrations
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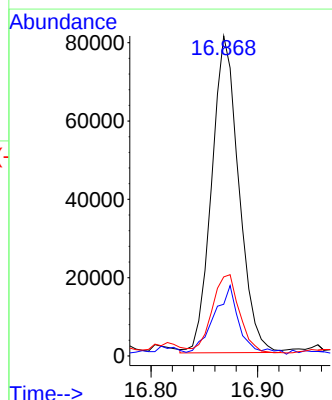
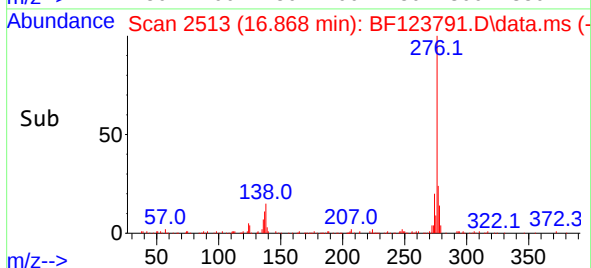
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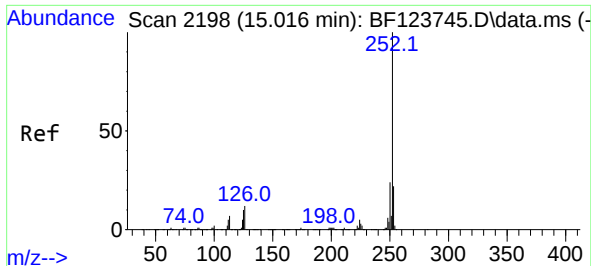


#87
Indeno(1,2,3-cd)pyrene
Concen: 5.93 ng
RT: 16.868 min Scan# 2513
Delta R.T. -0.018 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



Tgt Ion:276 Resp: 143107
Ion Ratio Lower Upper
276 100
138 20.6 16.2 24.2
277 24.7 20.1 30.1





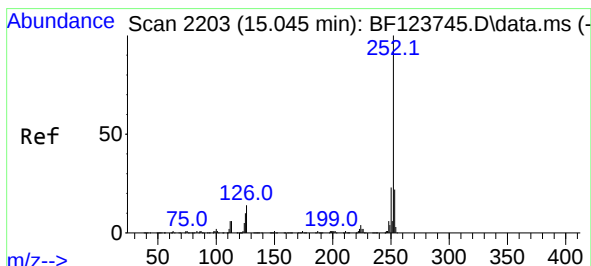
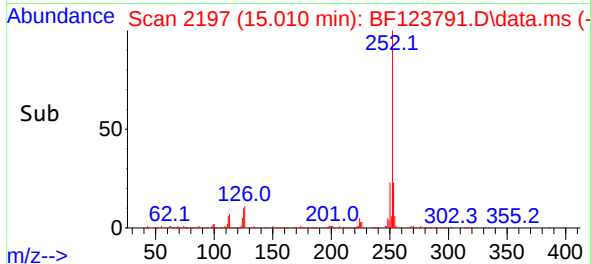
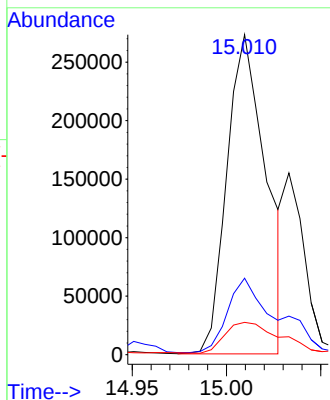
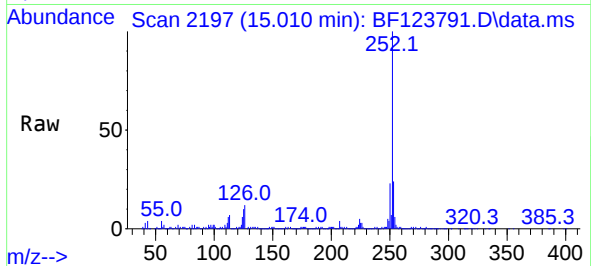
#88
Benzo(b)fluoranthene
Concen: 14.10 ng m
RT: 15.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:252 Resp: 393483
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 10.1 6.2 9.4#

Instrument :
BNA_F
ClientSampled :
TP-2-1-COMP

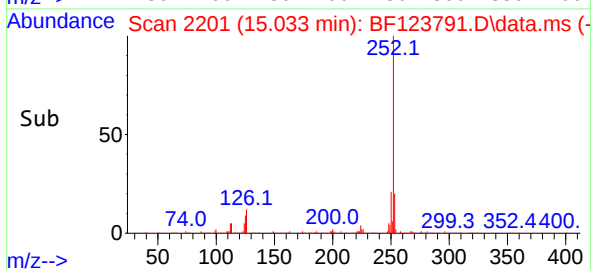
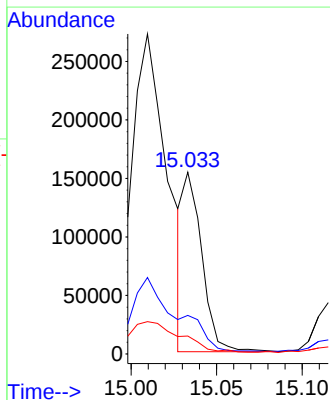
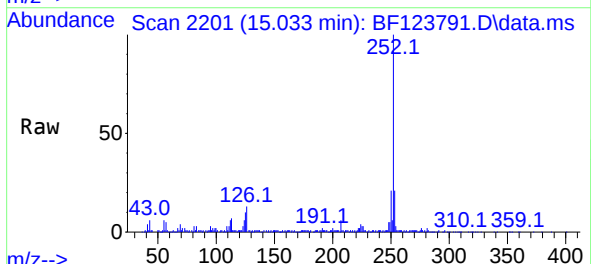
Manual Integrations
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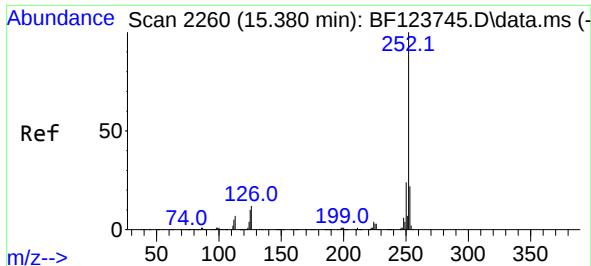
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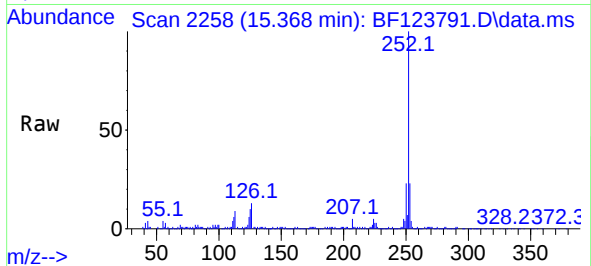
#89
Benzo(k)fluoranthene
Concen: 4.38 ng m
RT: 15.033 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47

Tgt Ion:252 Resp: 116556
Ion Ratio Lower Upper
252 100
253 21.2 17.9 26.9
125 9.9 7.0 10.6

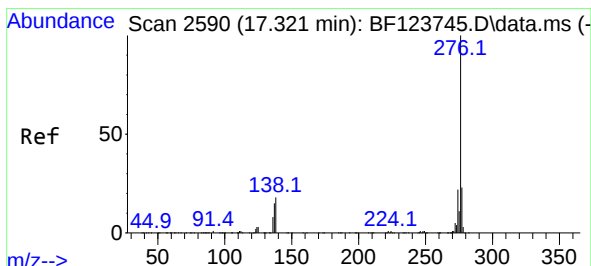
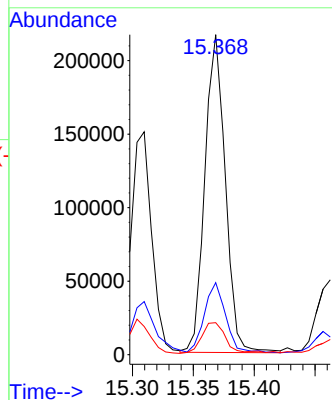
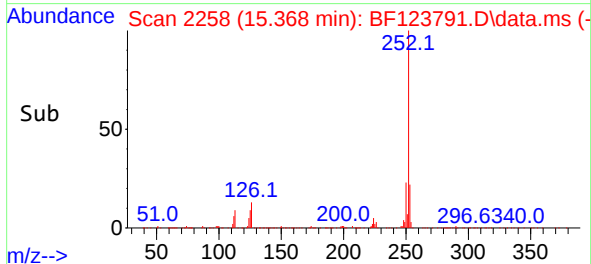




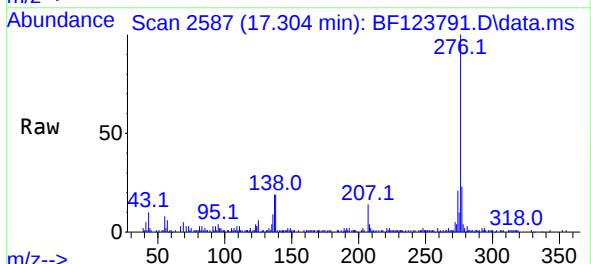
#90
Benzo(a)pyrene
Concen: 10.59 ng
RT: 15.368 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



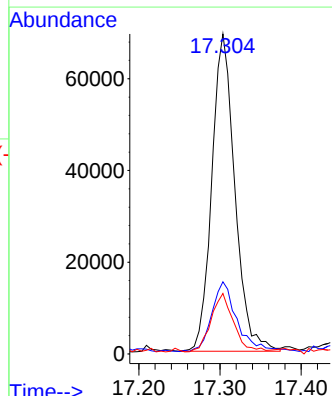
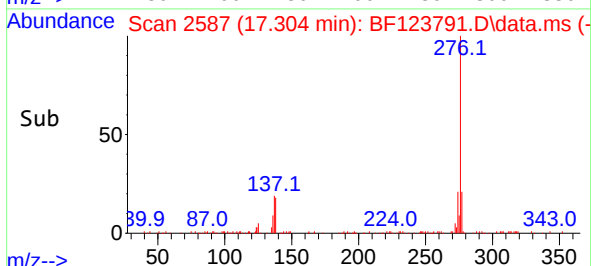
Tgt Ion: 252 Resp: 252677
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 10.0 8.0 12.0



#92
Benzo(g,h,i)perylene
Concen: 6.70 ng
RT: 17.304 min Scan# 2587
Delta R.T. -0.018 min
Lab File: BF123791.D
Acq: 3 May 2021 21:47



Tgt Ion: 276 Resp: 136686
Ion Ratio Lower Upper
276 100
277 22.5 18.2 27.2
138 18.9 13.8 20.6



Instrument :
BNA_F
ClientSampleId :
TP-2-1-COMP

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