

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122893.D
 Acq On : 30 Dec 2020 22:42
 Operator : JU/CG
 Sample : L5242-07DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4(464+26)DL

Manual Integrations
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Quant Time: Dec 31 01:00:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	107785	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	375427	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	180444	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	316301	20.00	ng	0.00
76) Chrysene-d12	13.998	240	335693	20.00	ng	0.01
86) Perylene-d12	15.462	264	361108	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	263913	38.76	ng	0.00
7) Phenol-d6	6.457	99	295474	32.72	ng	0.00
23) Nitrobenzene-d5	7.381	82	178135	23.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	86633	36.68	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	360594	27.03	ng	0.00
79) Terphenyl-d14	12.933	244	421222	21.96	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.722	152	77703	4.24	ng	97
71) Phenanthrene	11.374	178	151105	8.04	ng	96
72) Anthracene	11.427	178	144000	7.73	ng	98
73) Carbazole	11.580	167	101476	6.00	ng	98
75) Fluoranthene	12.569	202	1110911	56.36	ng	99
78) Pyrene	12.798	202	960836	37.02	ng	99
81) Benzo(a)anthracene	13.986	228	301765	13.45	ng	97
83) Chrysene	14.021	228	699173	31.32	ng	97
87) Indeno(1,2,3-cd)pyrene	16.921	276	151860	6.41	ng	94
88) Benzo(b)fluoranthene	15.045	252	789047m	31.14	ng	
89) Benzo(k)fluoranthene	15.062	252	251728m	10.87	ng	
90) Benzo(a)pyrene	15.404	252	187594	8.46	ng	98
92) Benzo(g,h,i)perylene	17.362	276	126553	6.74	ng	97

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

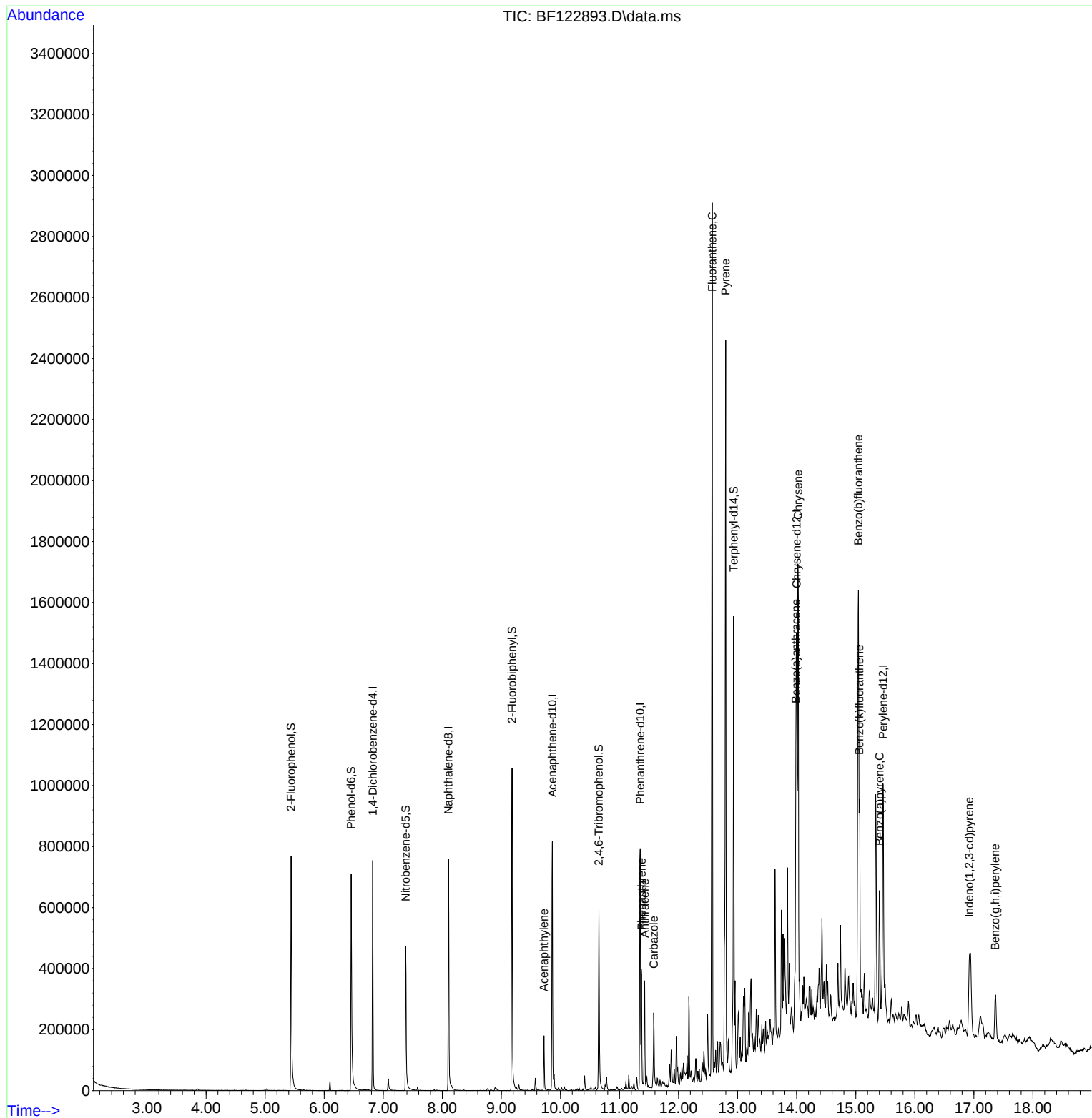
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Data File : BF122893.D
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Operator : JU/CG
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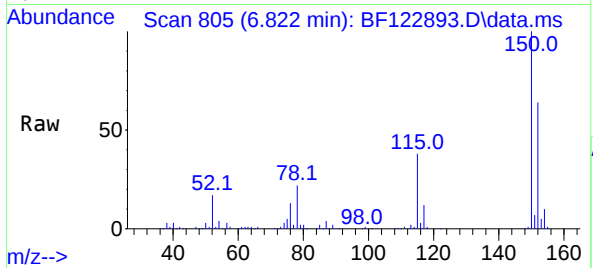
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
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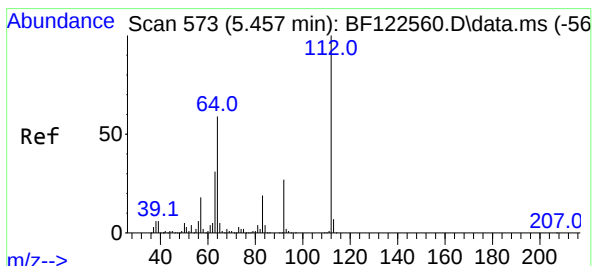
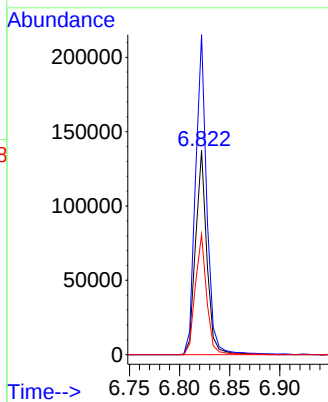
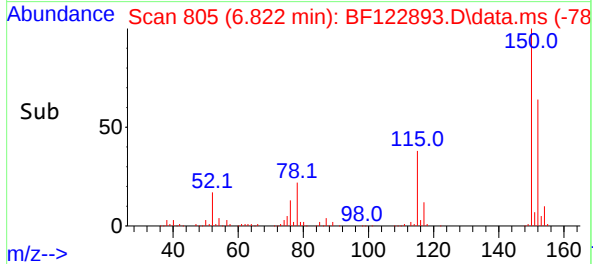




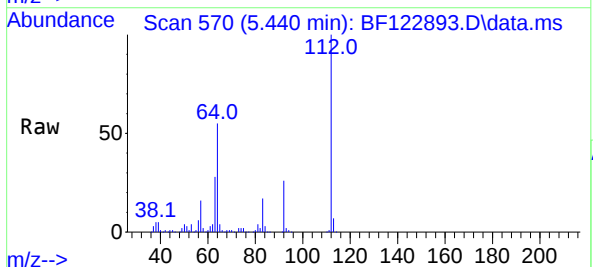
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



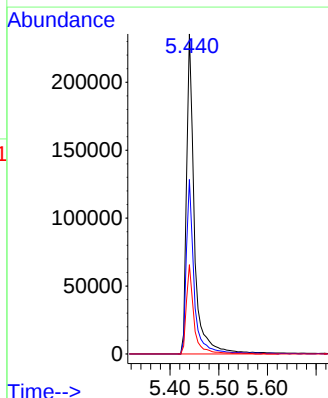
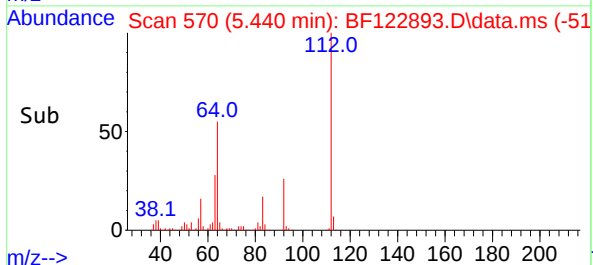
Tgt Ion:152 Resp: 107785
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 58.9 49.3 73.9



#5
2-Fluorophenol
Concen: 38.76 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



Tgt Ion:112 Resp: 263913
Ion Ratio Lower Upper
112 100
64 54.5 46.9 70.3
63 27.9 24.5 36.7



Instrument :
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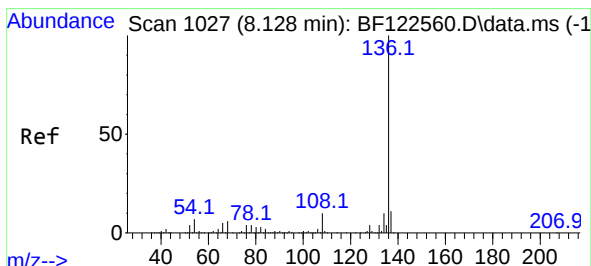
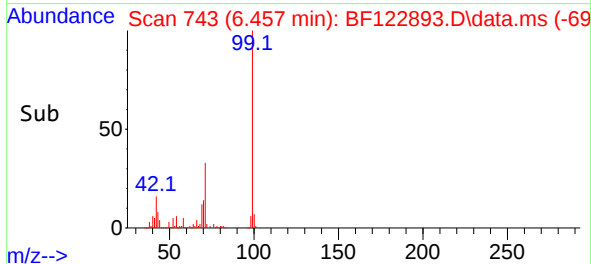
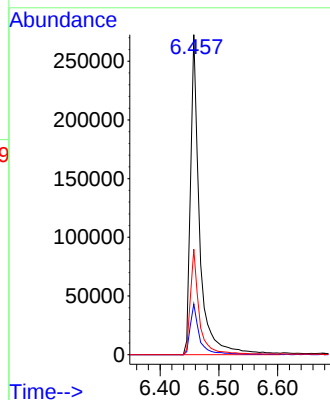
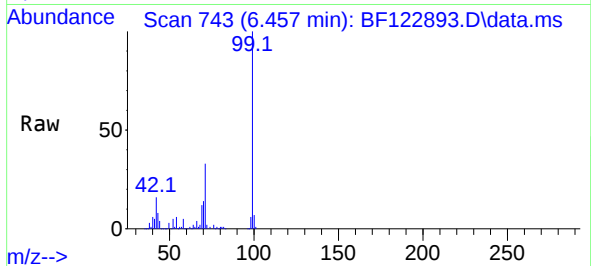
#7
Phenol-d6
Concen: 32.72 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:	99	Resp:	295474
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.6
71	33.0	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4(464+26)DL

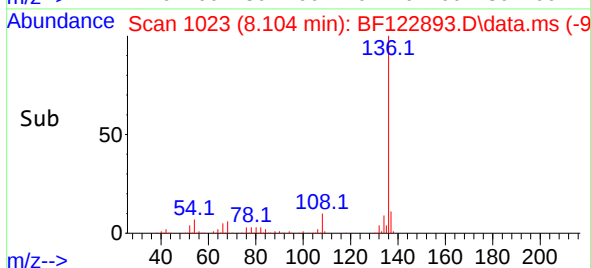
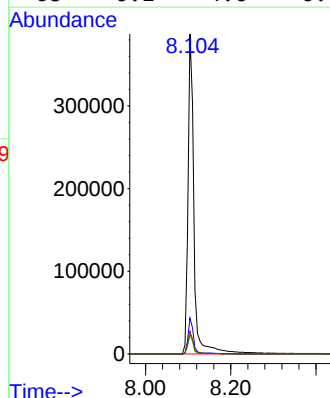
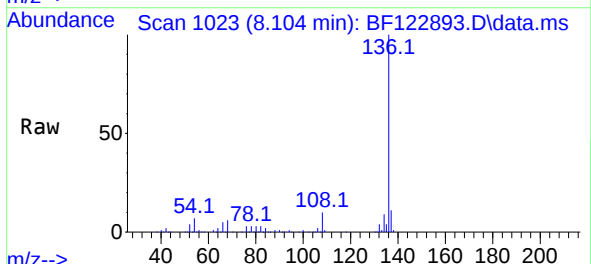
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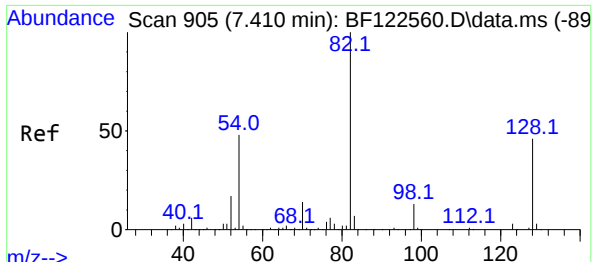
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:	136	Resp:	375427
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.1	5.5	8.3
68	6.1	4.6	6.8





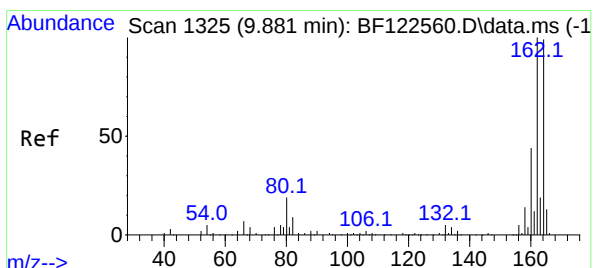
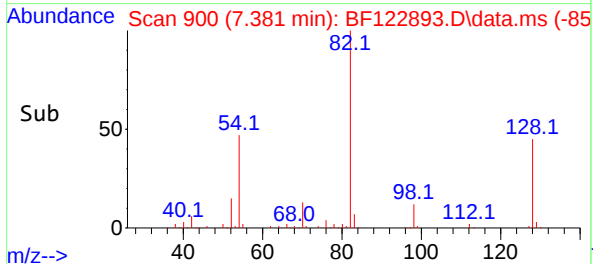
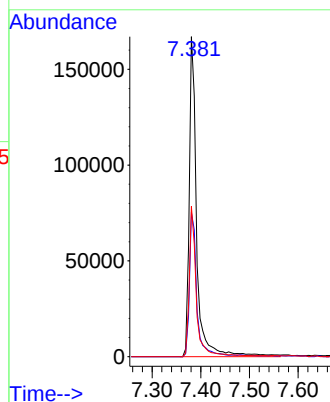
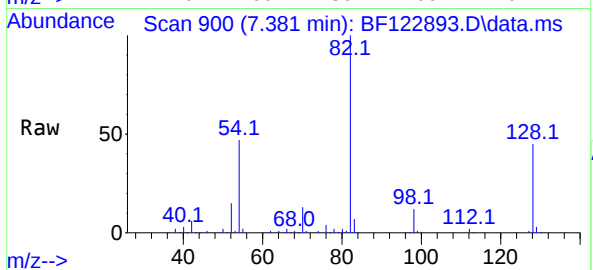
#23
Nitrobenzene-d5
Concen: 23.77 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion: 82 Resp: 178135
Ion Ratio Lower Upper
82 100
128 45.1 37.0 55.4
54 46.9 38.4 57.6

Instrument :
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SAMPLE-4(464+26)DL

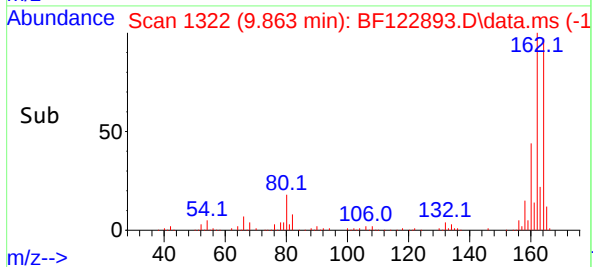
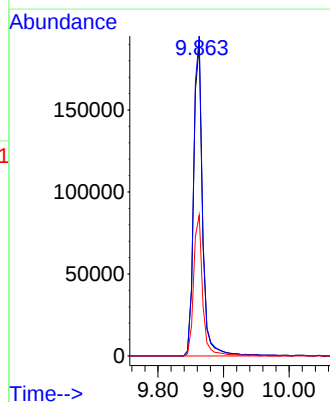
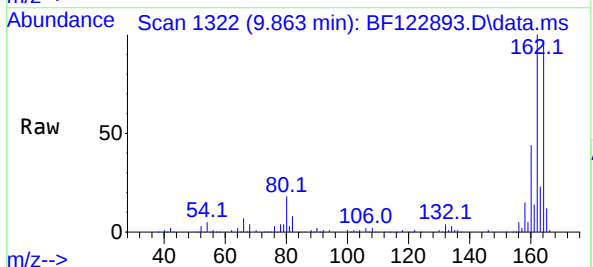
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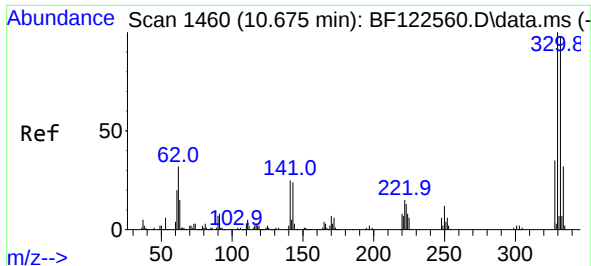
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

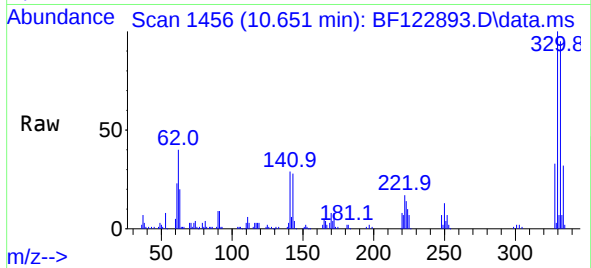
Tgt Ion:164 Resp: 180444
Ion Ratio Lower Upper
164 100
162 103.0 80.8 121.2
160 45.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 36.68 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

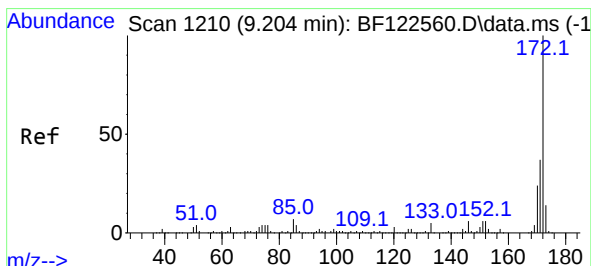
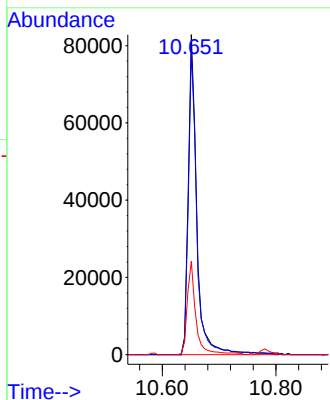
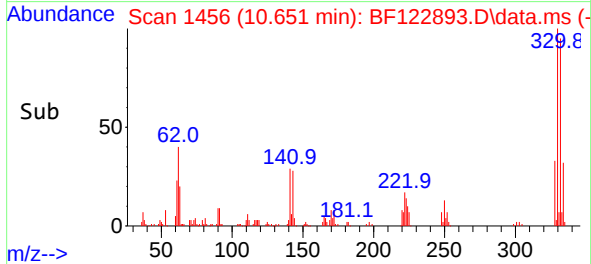
Instrument :
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ClientSampleId :
SAMPLE-4(464+26)DL



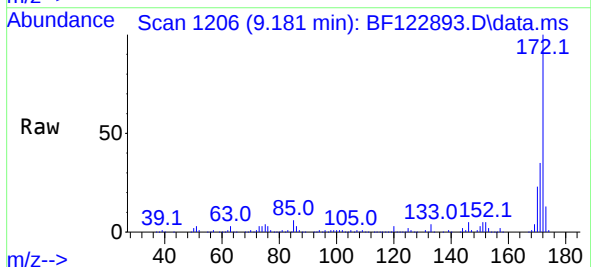
Tgt Ion:330 Resp: 86633
Ion Ratio Lower Upper
330 100
332 94.7 77.5 116.3
141 28.8 23.8 35.8

Manual Integrations
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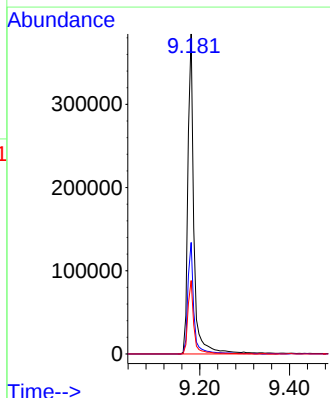
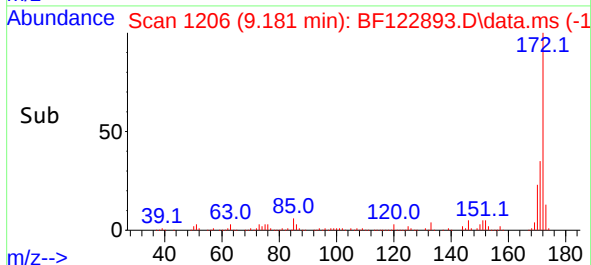
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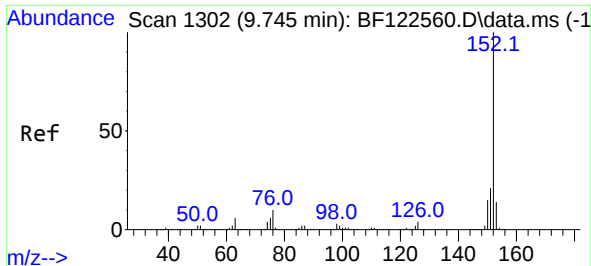


#45
2-Fluorobiphenyl
Concen: 27.03 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



Tgt Ion:172 Resp: 360594
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.0 19.5 29.3





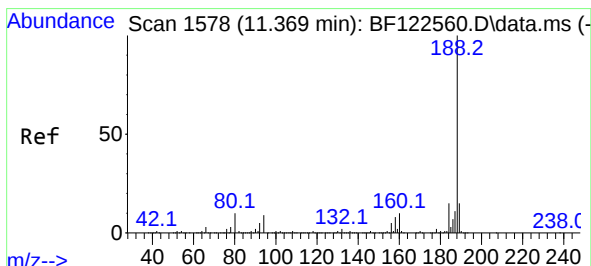
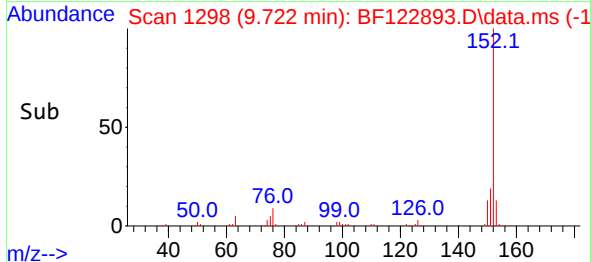
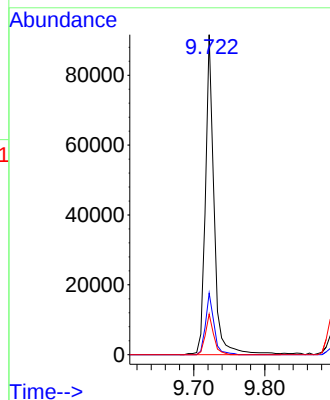
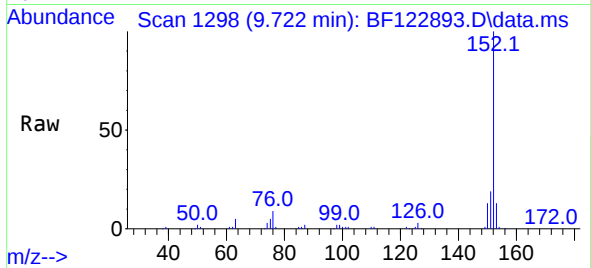
#49
Acenaphthylene
Concen: 4.24 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:152 Resp: 77703
Ion Ratio Lower Upper
152 100
151 19.2 16.6 25.0
153 12.7 10.9 16.3

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SAMPLE-4(464+26)DL

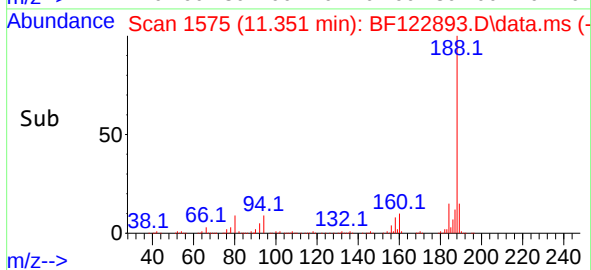
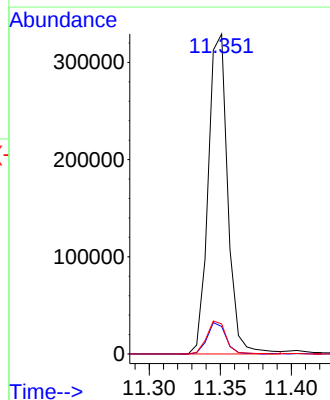
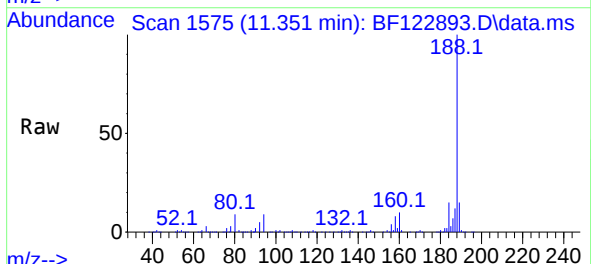
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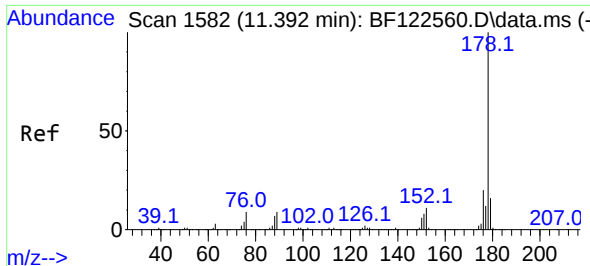
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

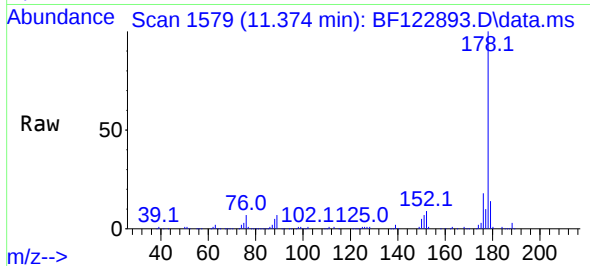
Tgt Ion:188 Resp: 316301
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.4 8.2 12.4





#71
Phenanthrene
Concen: 8.04 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

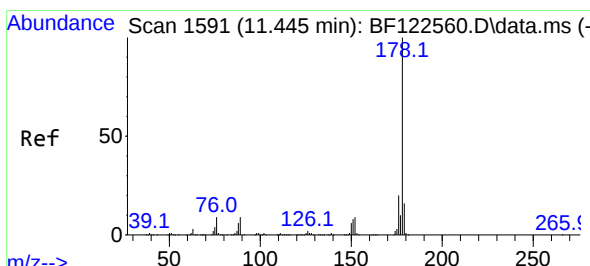
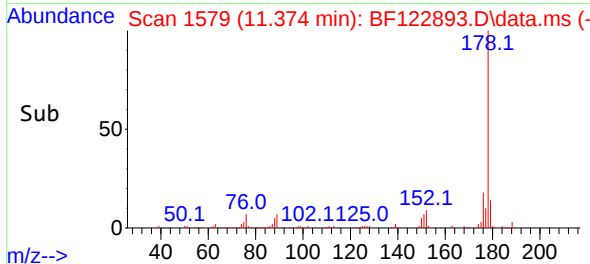
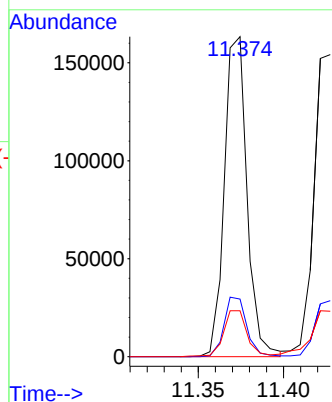
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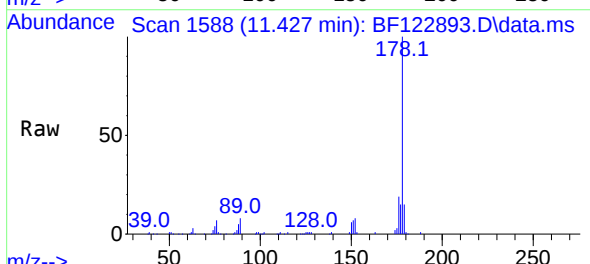
Tgt Ion:178 Resp: 151105
Ion Ratio Lower Upper
178 100
176 18.0 16.2 24.2
179 14.4 12.7 19.1

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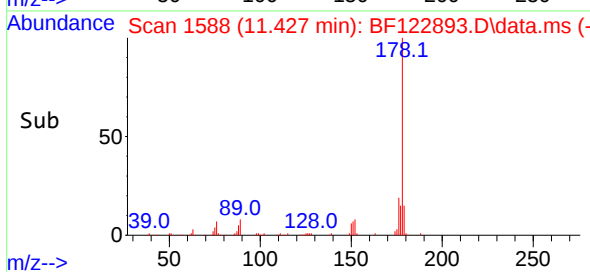
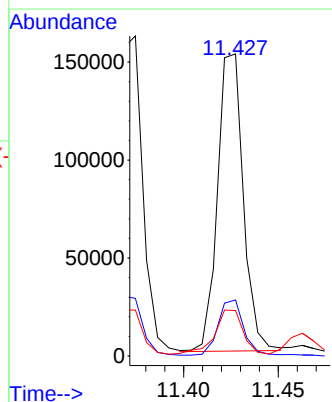
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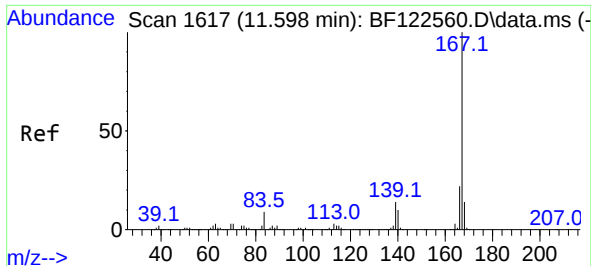


#72
Anthracene
Concen: 7.73 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



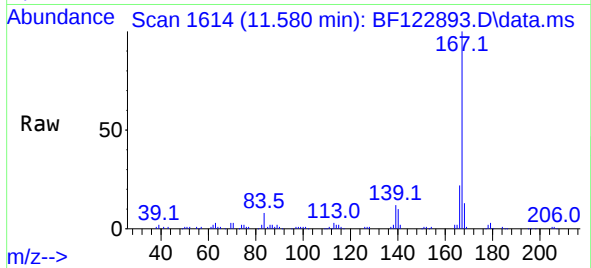
Tgt Ion:178 Resp: 144000
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.0 12.8 19.2





#73
 Carbazole
 Concen: 6.00 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122893.D
 Acq: 30 Dec 2020 22:42

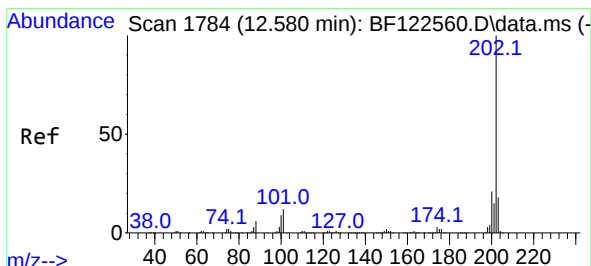
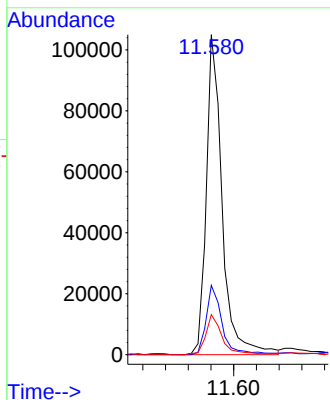
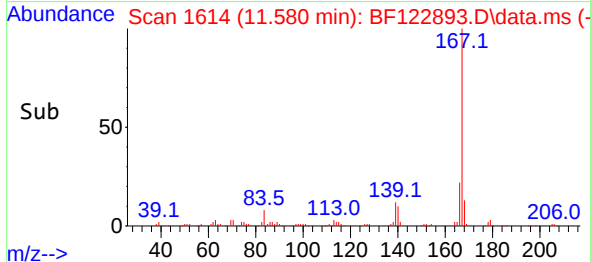
Instrument :
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 SAMPLE-4(464+26)DL



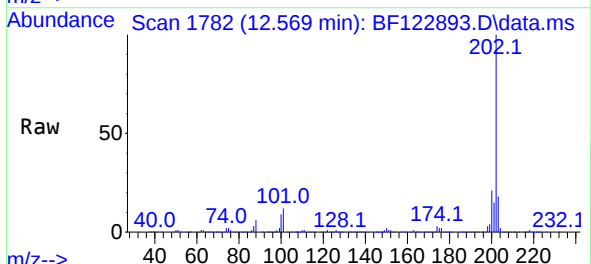
Tgt Ion:167 Resp: 101476
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.0 27.0
 139 12.5 10.9 16.3

Manual Integrations
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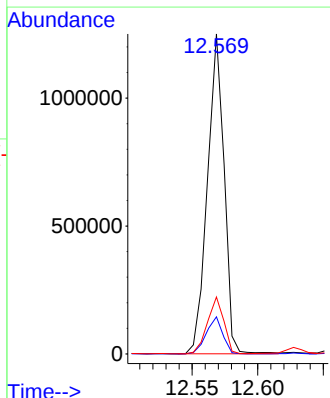
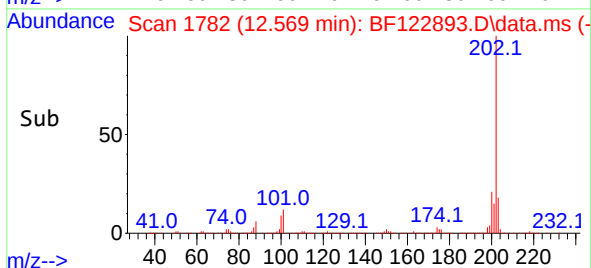
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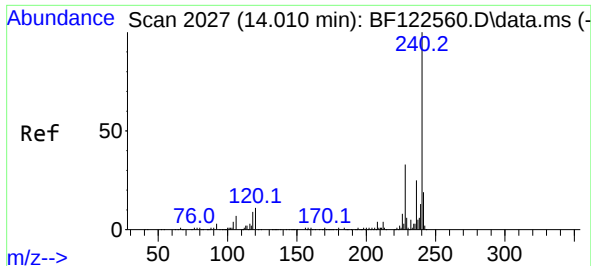


#75
 Fluoranthene
 Concen: 56.36 ng
 RT: 12.569 min Scan# 1782
 Delta R.T. 0.012 min
 Lab File: BF122893.D
 Acq: 30 Dec 2020 22:42



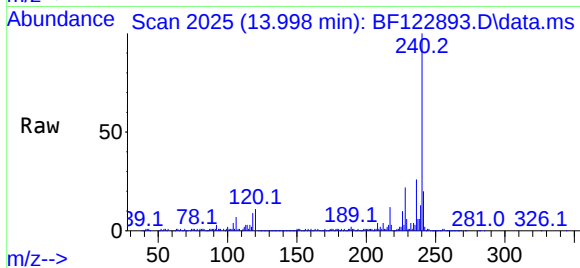
Tgt Ion:202 Resp: 1110911
 Ion Ratio Lower Upper
 202 100
 101 11.6 0.0 32.2
 203 17.8 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.012 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

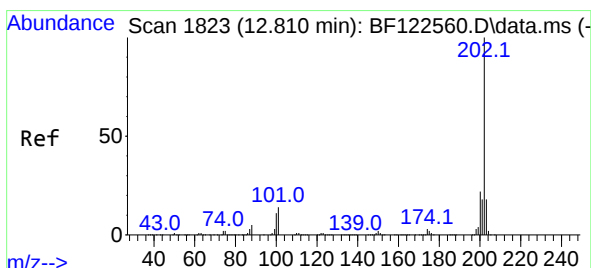
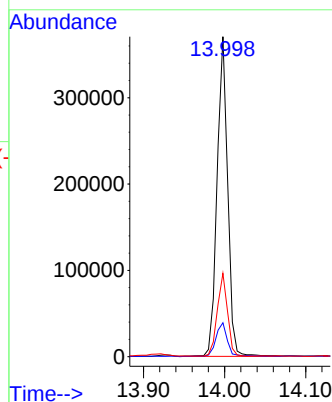
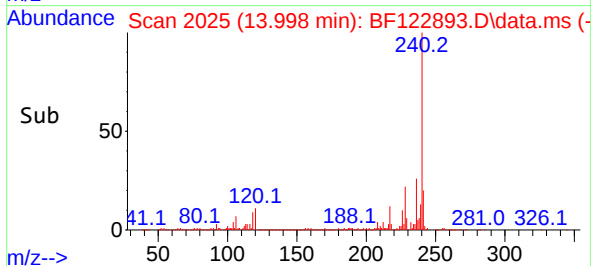
Instrument :
BNA_F
ClientSampleId :
SAMPLE-4(464+26)DL



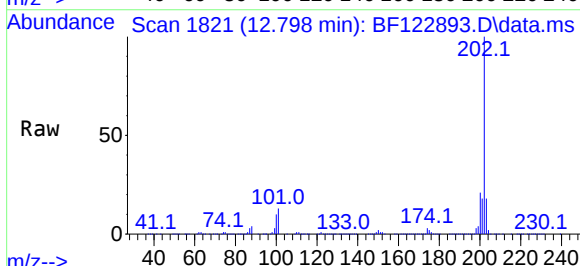
Tgt Ion:240 Resp: 335693
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.0 20.3 30.5

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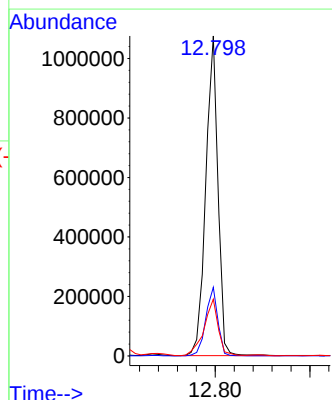
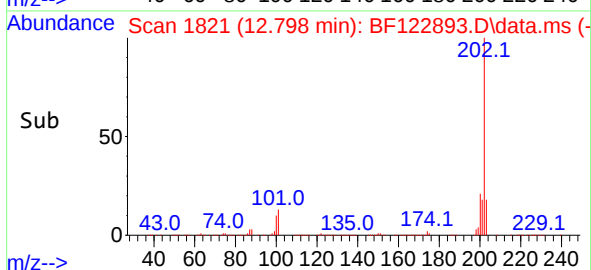
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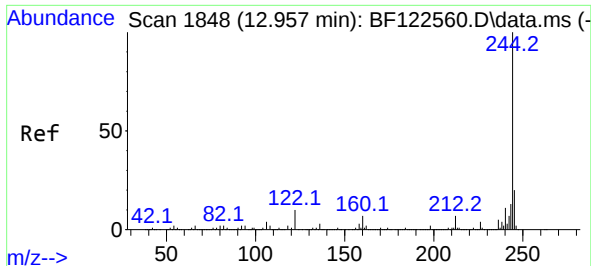


#78
Pyrene
Concen: 37.02 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.012 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



Tgt Ion:202 Resp: 960836
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.8 14.6 21.8





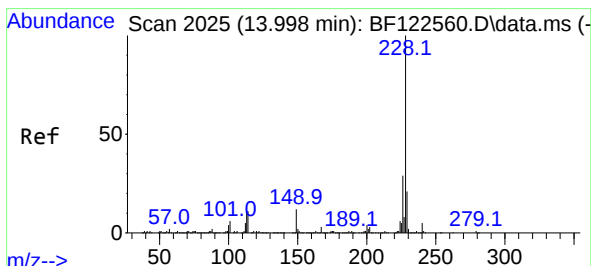
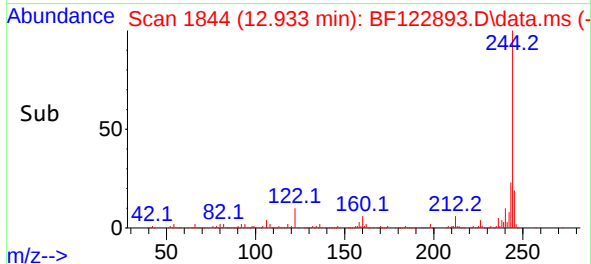
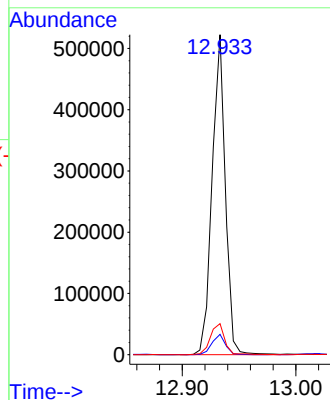
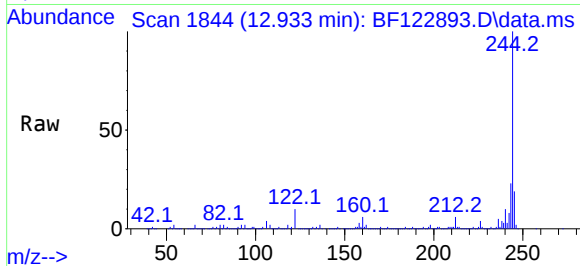
#79
Terphenyl-d14
Concen: 21.96 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:244	Resp:	421222
Ion Ratio	Lower	Upper
244	100	
212	6.4	5.7 8.5
122	9.7	8.3 12.5

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4(464+26)DL

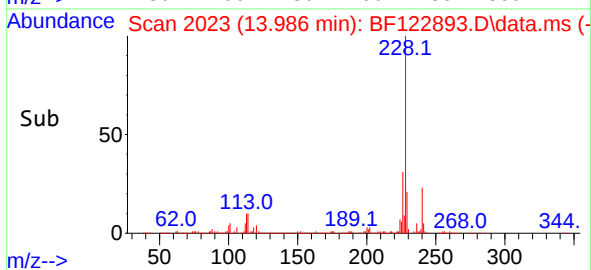
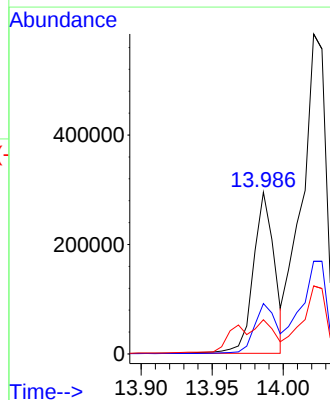
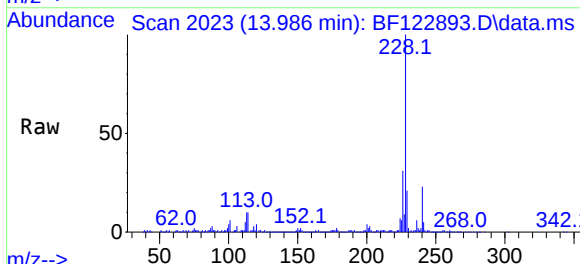
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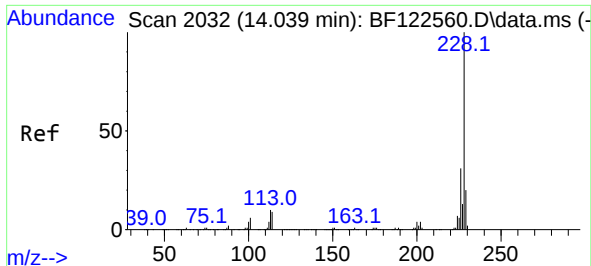
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#81
Benzo(a)anthracene
Concen: 13.45 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.012 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:228	Resp:	301765
Ion Ratio	Lower	Upper
228	100	
226	31.1	23.0 34.4
229	21.2	16.6 24.8





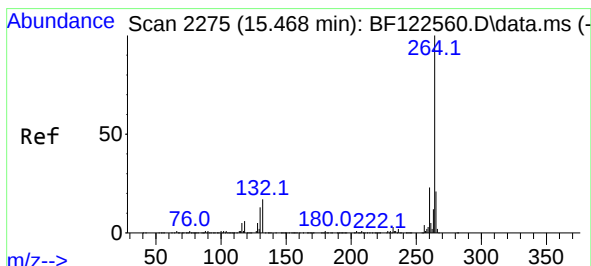
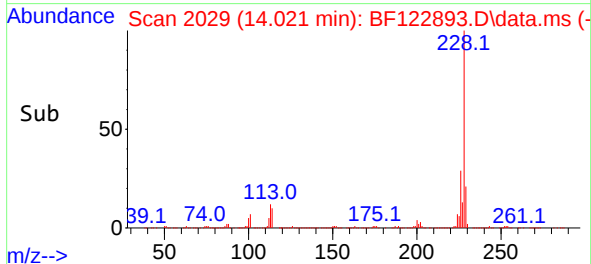
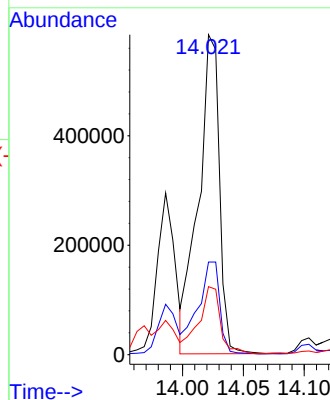
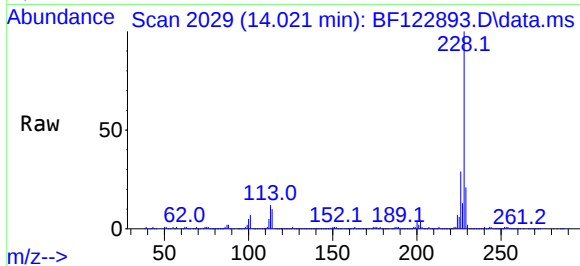
#83
Chrysene
Concen: 31.32 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:	228	Resp:	699173
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.6	36.8
229	21.3	15.8	23.6

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4(464+26)DL

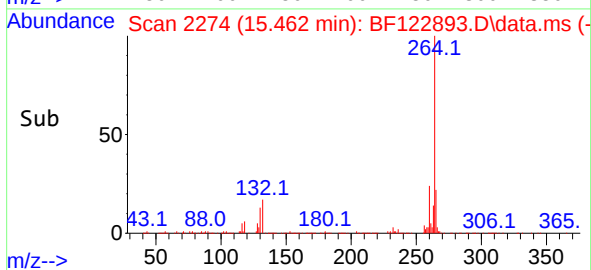
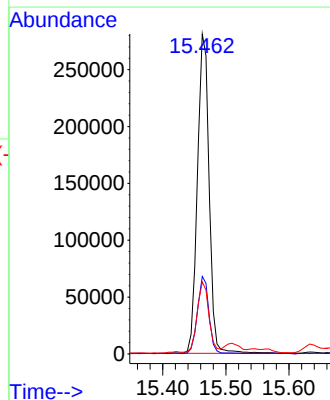
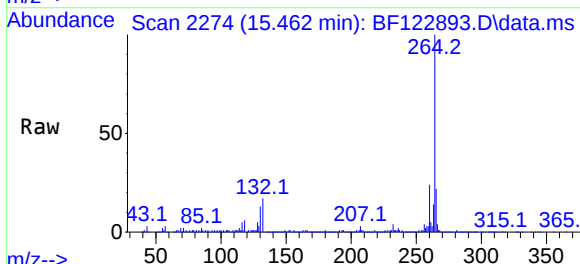
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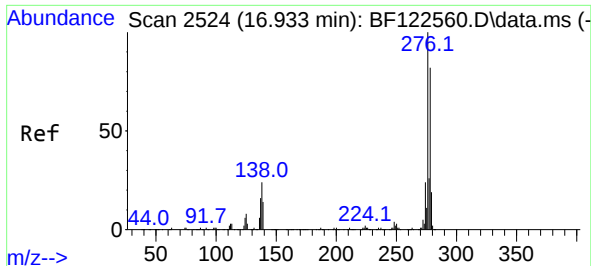
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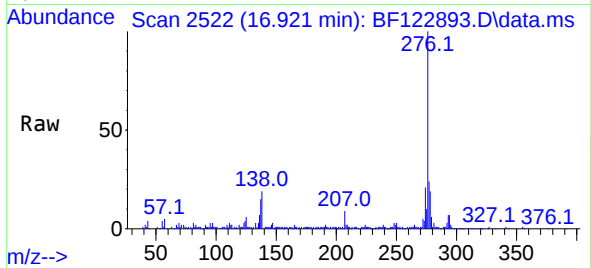
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.023 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:	264	Resp:	361108
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.6	28.0
265	22.5	17.0	25.6

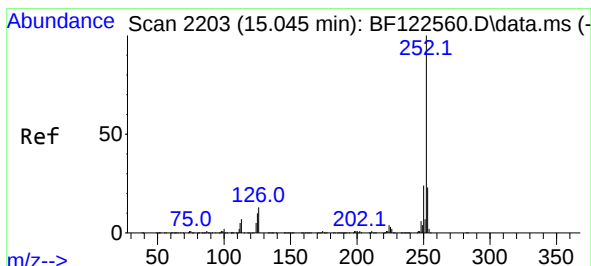
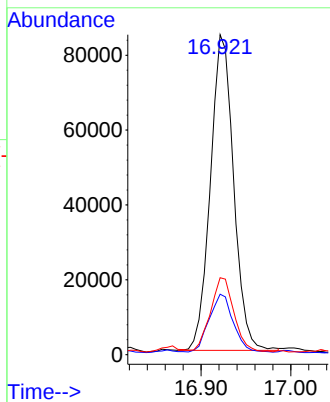
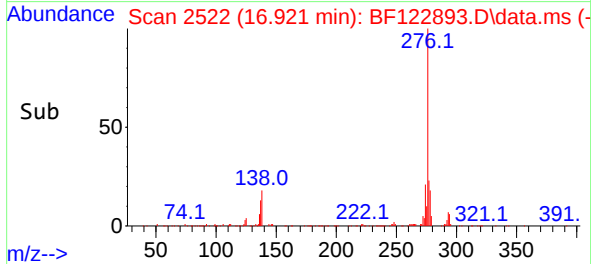




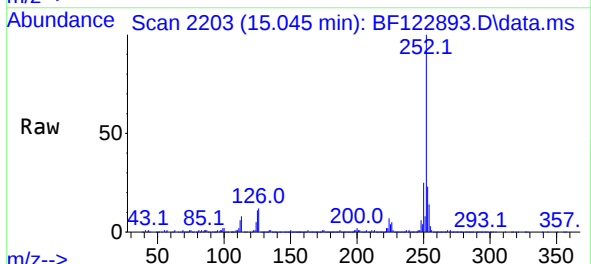
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.41 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.029 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



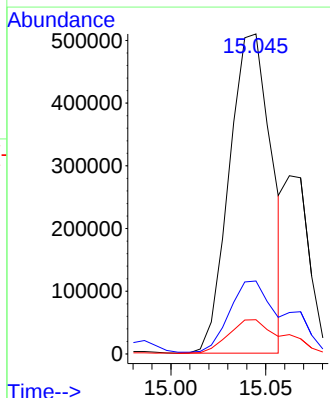
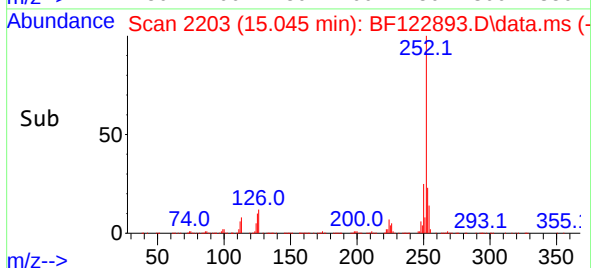
Tgt Ion: 276 Resp: 151860
Ion Ratio Lower Upper
276 100
138 19.2 18.7 28.1
277 23.8 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 31.14 ng m
RT: 15.045 min Scan# 2203
Delta R.T. 0.023 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42



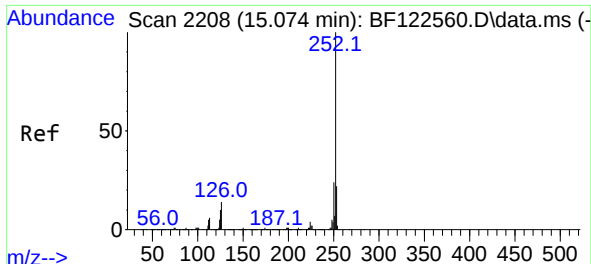
Tgt Ion: 252 Resp: 789047
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 10.7 8.1 12.1



Instrument :
BNA_F
ClientSampleId :
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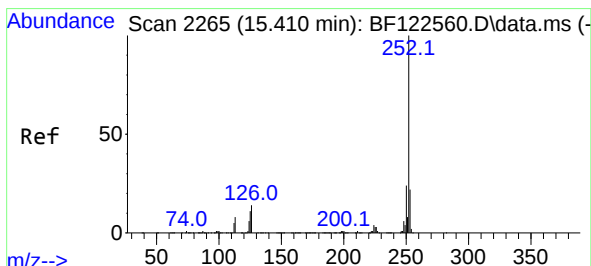
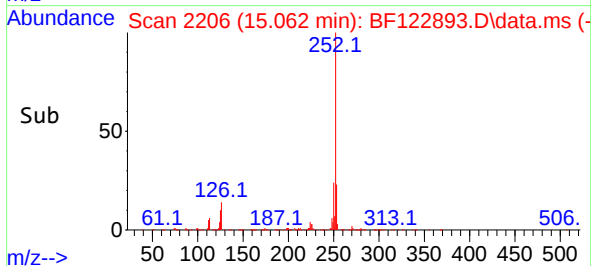
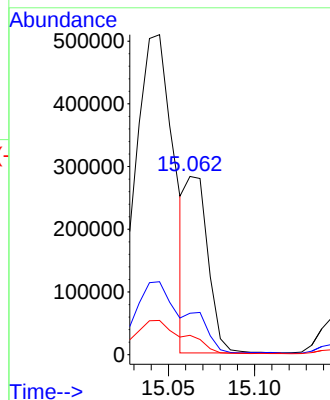
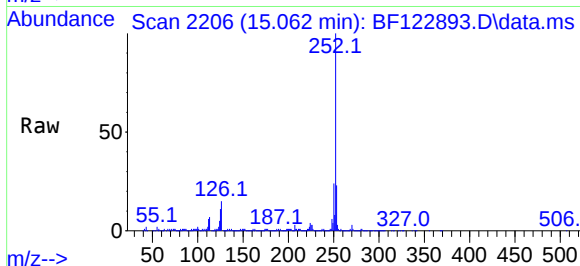
#89
Benzo(k)fluoranthene
Concen: 10.87 ng m
RT: 15.062 min Scan# 2206
Delta R.T. 0.012 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

Tgt Ion:252 Resp: 251728
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.8 8.4 12.6

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4(464+26)DL

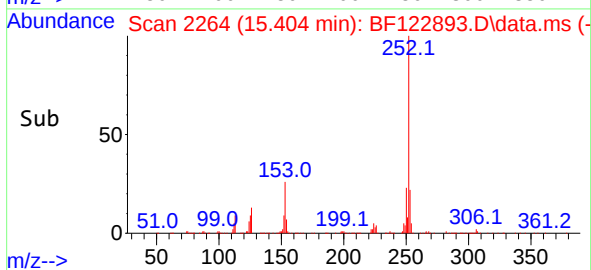
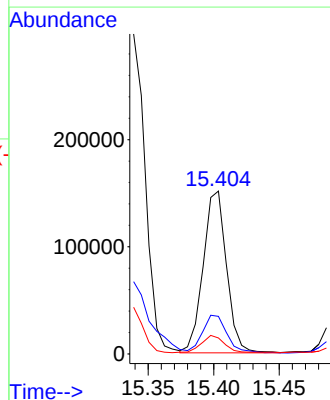
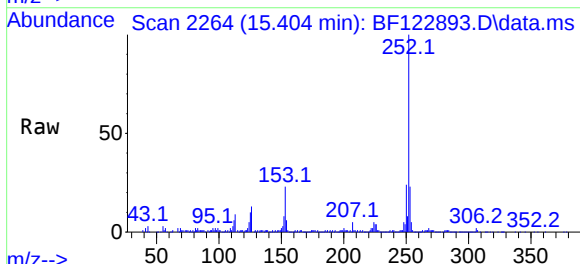
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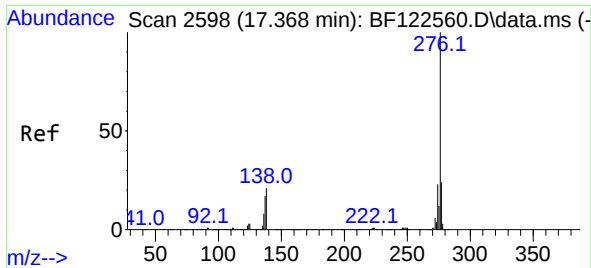
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#90
Benzo(a)pyrene
Concen: 8.46 ng
RT: 15.404 min Scan# 2264
Delta R.T. 0.023 min
Lab File: BF122893.D
Acq: 30 Dec 2020 22:42

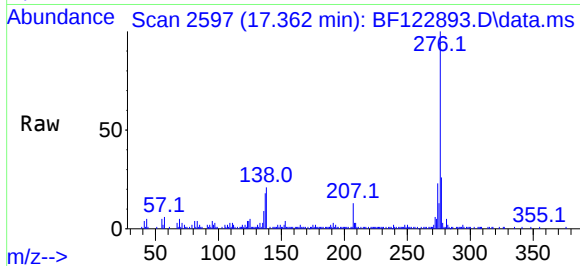
Tgt Ion:252 Resp: 187594
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.8 8.6 12.8





#92
 Benzo(g,h,i)perylene
 Concen: 6.74 ng
 RT: 17.362 min Scan# 2597
 Delta R.T. 0.035 min
 Lab File: BF122893.D
 Acq: 30 Dec 2020 22:42

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-4(464+26)DL



Tgt Ion: 276 Resp: 126553
 Ion Ratio Lower Upper
 276 100
 277 26.2 19.3 28.9
 138 21.0 16.6 24.8

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