

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
 Data File : BF122883.D
 Acq On : 30 Dec 2020 17:29
 Operator : JU/CG
 Sample : L5242-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAMPLE-2(484+26)

Manual Integrations
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Quant Time: Dec 30 17:54:37 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	116228	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	422307	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	207899	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	356980	20.00	ng	0.00
76) Chrysene-d12	13.992	240	335111	20.00	ng	0.00
86) Perylene-d12	15.457	264	371128	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	603558	82.21	ng	0.00
7) Phenol-d6	6.457	99	707614	72.68	ng	0.00
23) Nitrobenzene-d5	7.381	82	439713	52.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	206177	75.76	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	791618	51.50	ng	0.00
79) Terphenyl-d14	12.933	244	775731	40.52	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.722	152	45456	2.15	ng	97
50) Dimethylphthalate	9.575	163	56391	3.40	ng	100
71) Phenanthrene	11.369	178	49328	2.33	ng	98
72) Anthracene	11.422	178	73485	3.49	ng	97
73) Carbazole	11.580	167	38650	2.03	ng	99
75) Fluoranthene	12.563	202	529823	23.81	ng	97
78) Pyrene	12.792	202	541004	20.88	ng	97
81) Benzo(a)anthracene	13.980	228	249878	11.16	ng	98
83) Chrysene	14.016	228	424266	19.04	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	214485	8.80	ng	96
88) Benzo(b)fluoranthene	15.033	252	685304m	26.32	ng	
89) Benzo(k)fluoranthene	15.057	252	173292m	7.28	ng	
90) Benzo(a)pyrene	15.392	252	254038	11.15	ng	96
91) Dibenzo(a,h)anthracene	16.915	278	52702m	2.64	ng	
92) Benzo(g,h,i)perylene	17.351	276	197029	10.21	ng	100

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

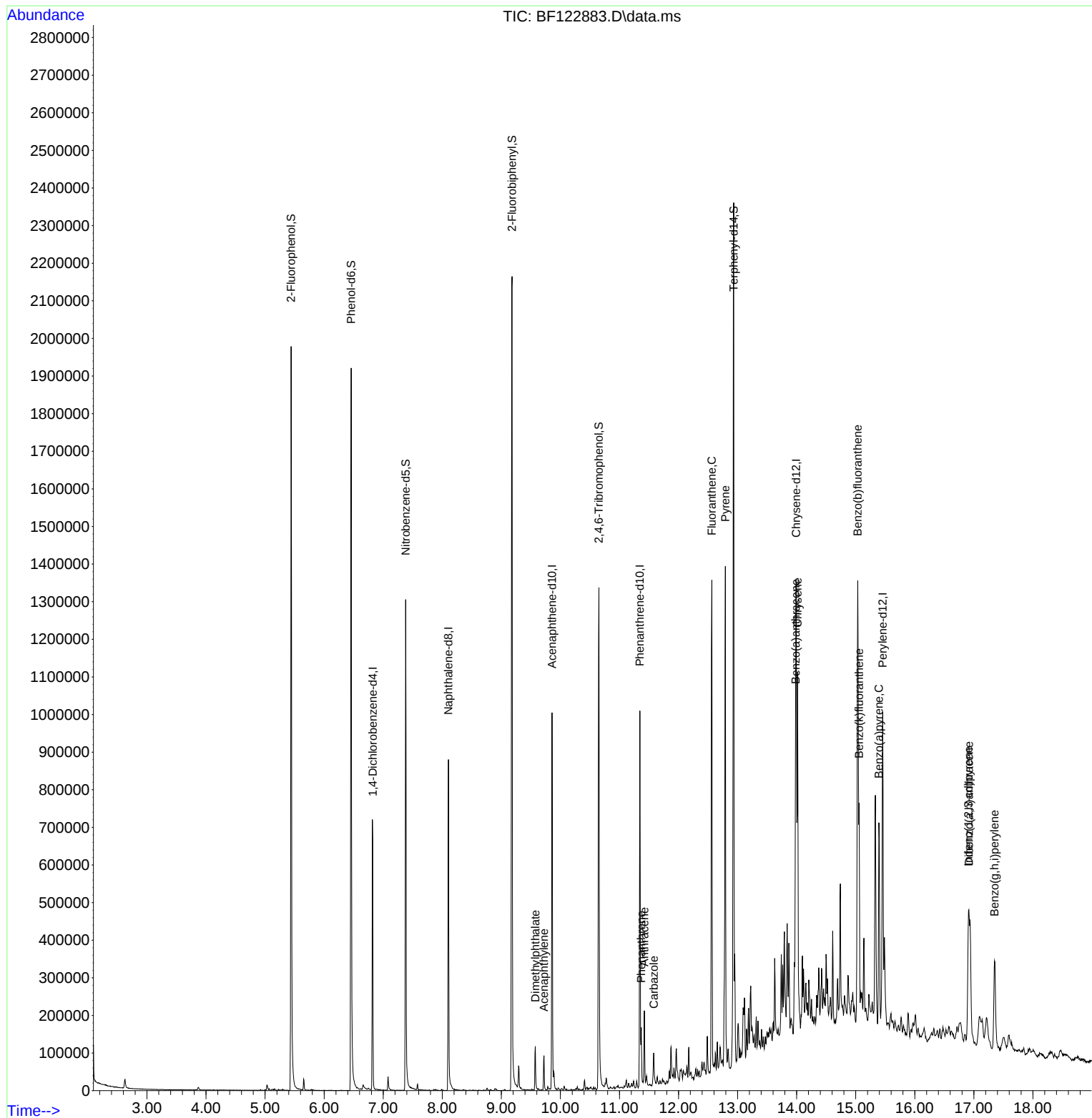
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123020\
Data File : BF122883.D
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ALS Vial : 10 Sample Multiplier: 1

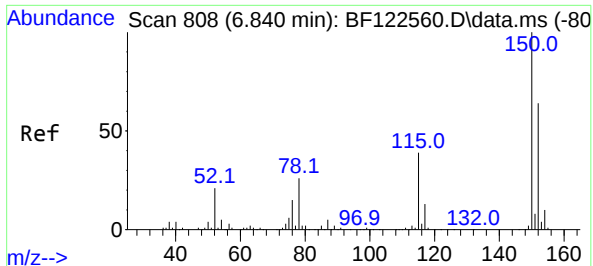
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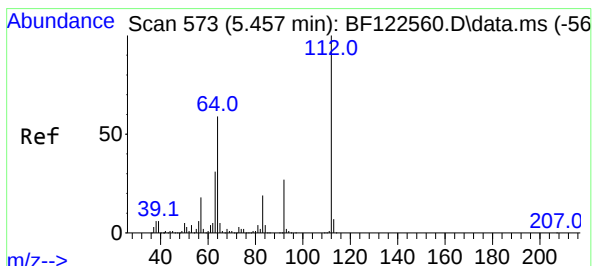
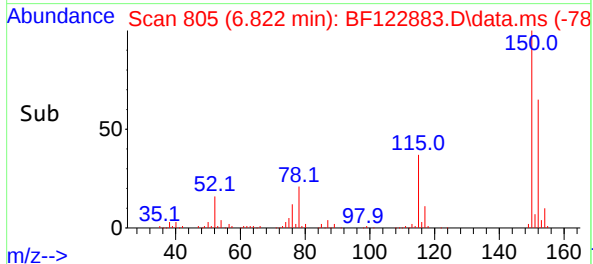
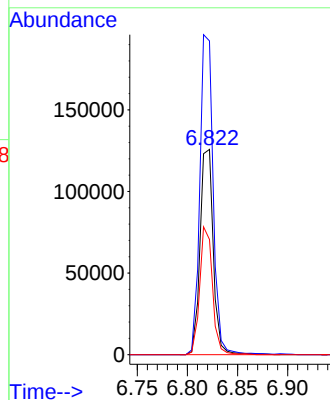
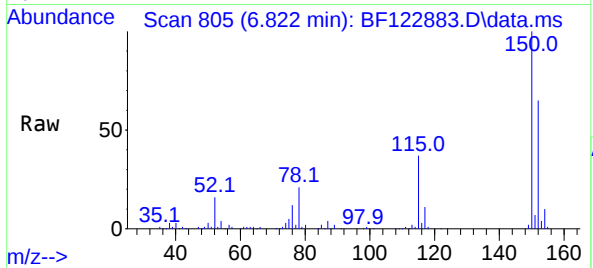
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:152 Resp: 116228
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 56.2 49.3 73.9

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

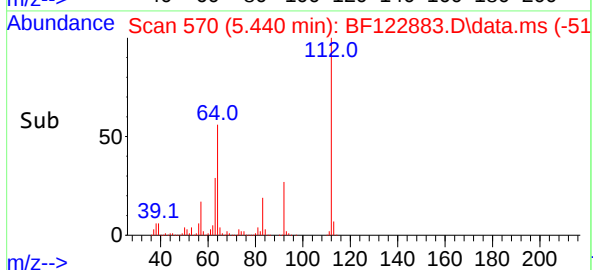
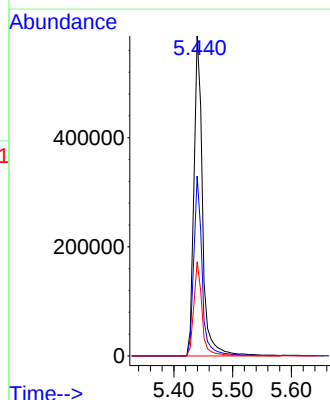
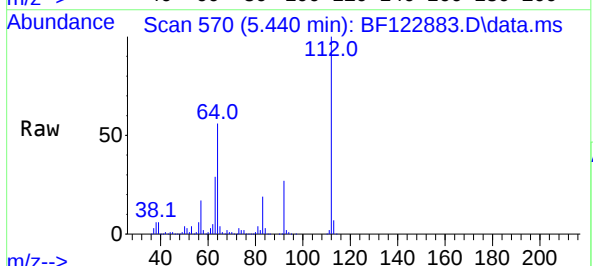
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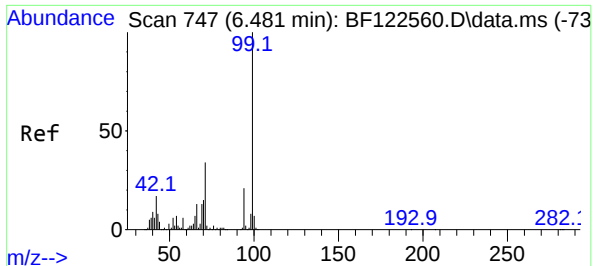
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#5
2-Fluorophenol
Concen: 82.21 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:112 Resp: 603558
Ion Ratio Lower Upper
112 100
64 56.2 46.9 70.3
63 29.4 24.5 36.7





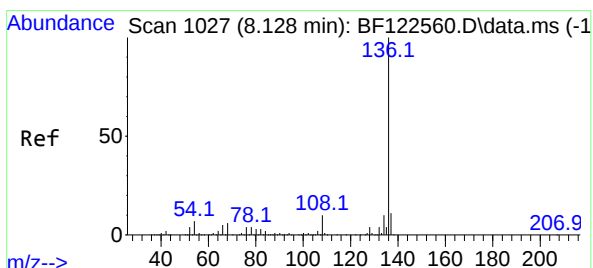
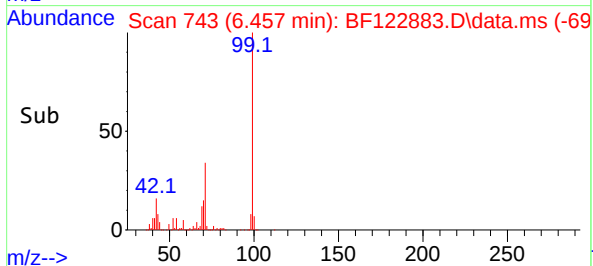
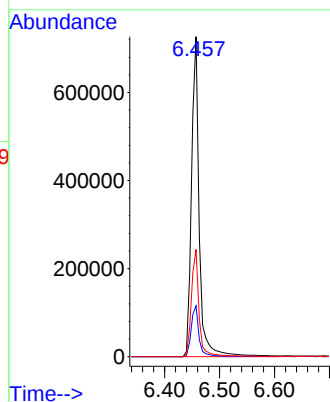
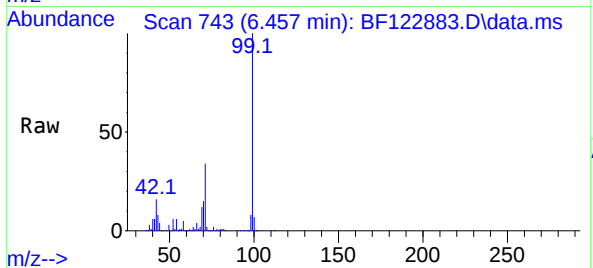
#7
Phenol-d6
Concen: 72.68 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:	99	Resp:	707614
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.8	20.6
71	33.5	26.9	40.3

Instrument :
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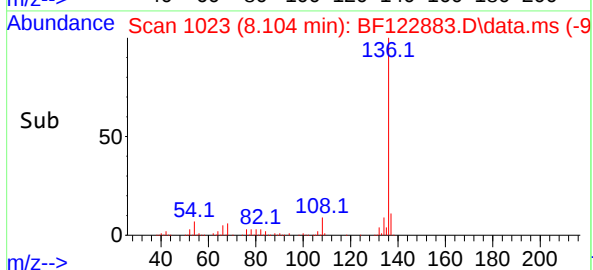
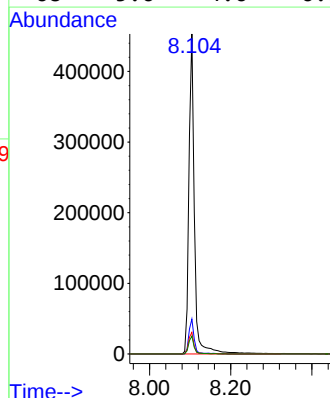
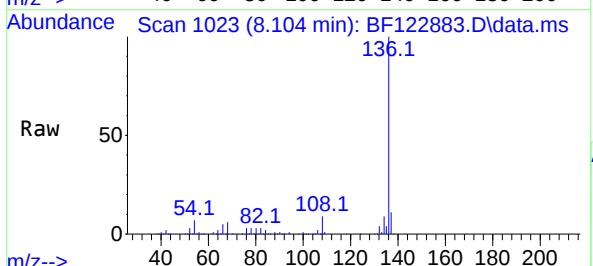
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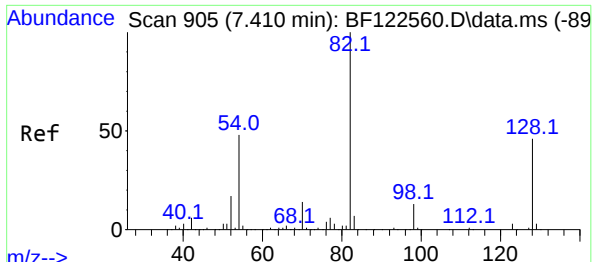
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:	136	Resp:	422307
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.5	8.3
68	5.6	4.6	6.8





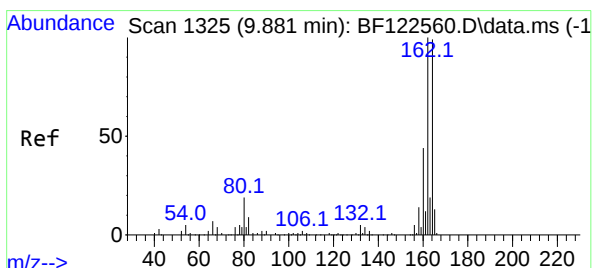
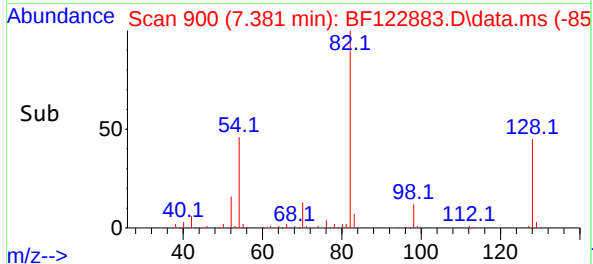
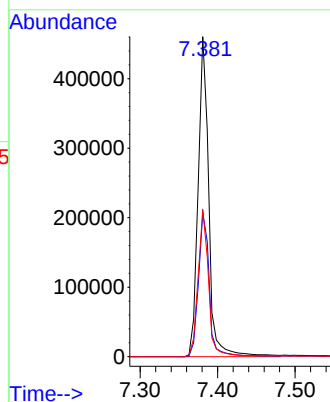
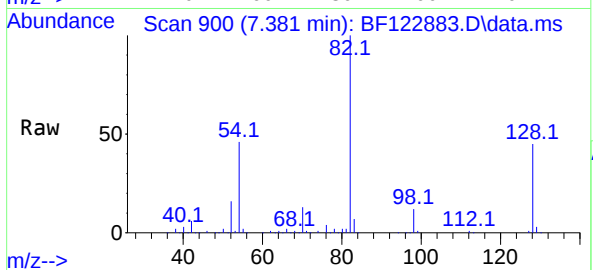
#23
Nitrobenzene-d5
Concen: 52.17 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion: 82 Resp: 439713
Ion Ratio Lower Upper
82 100
128 45.1 37.0 55.4
54 46.0 38.4 57.6

Instrument :
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SAMPLE-2(484+26)

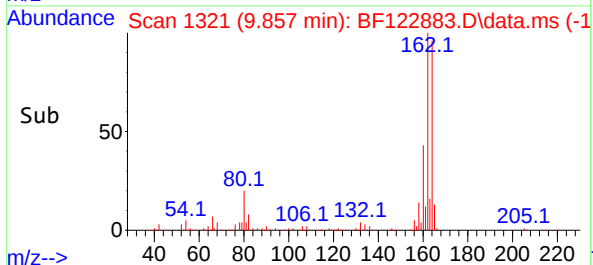
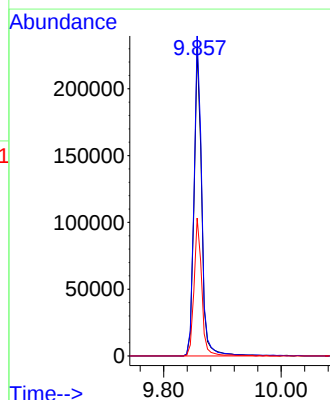
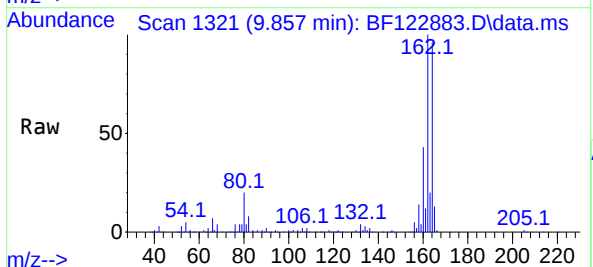
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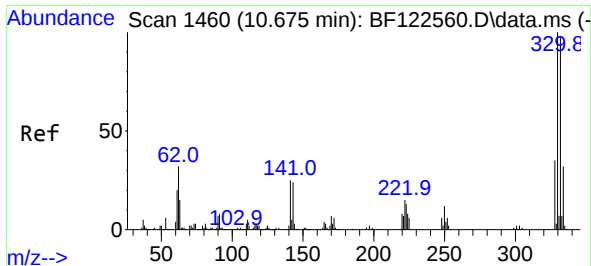
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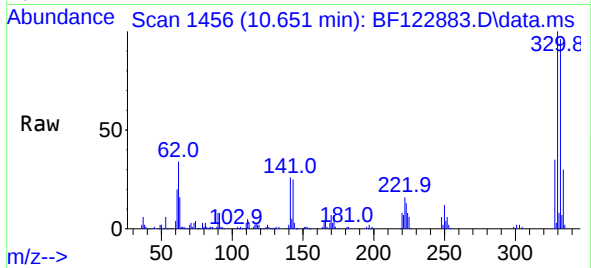
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:164 Resp: 207899
Ion Ratio Lower Upper
164 100
162 104.1 80.8 121.2
160 44.9 35.4 53.0

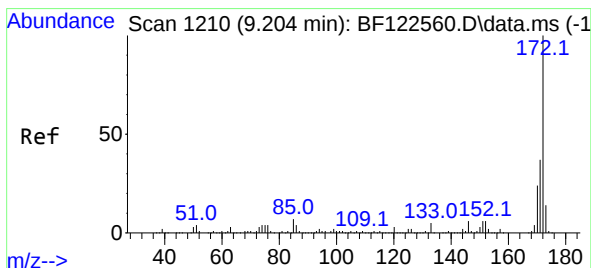
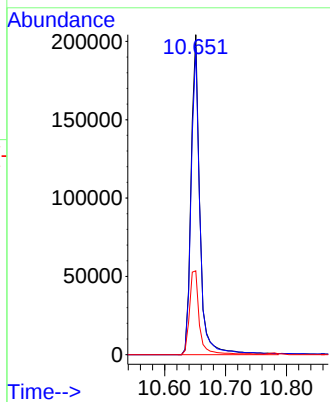
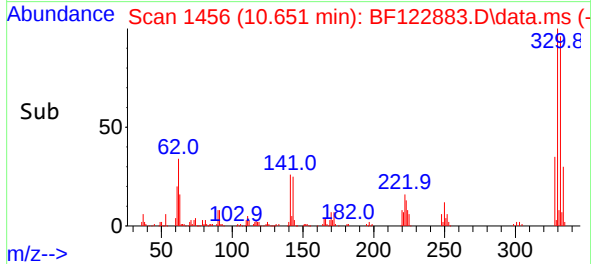




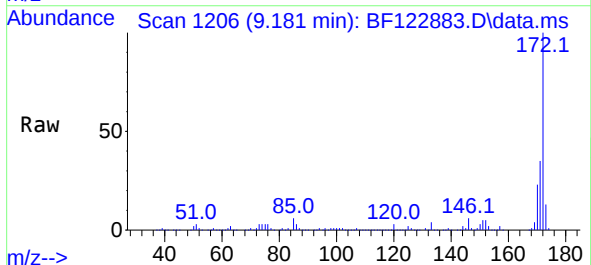
#42
2,4,6-Tribromophenol
Concen: 75.76 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



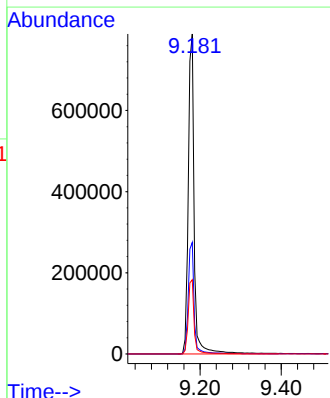
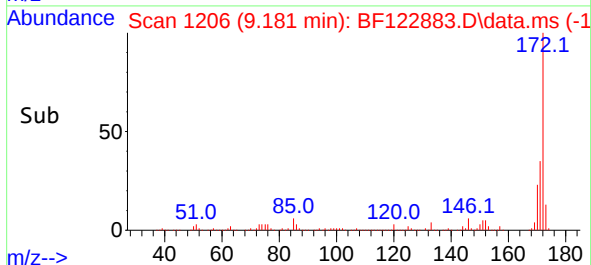
Tgt Ion: 330 Resp: 206177
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.9 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 51.50 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



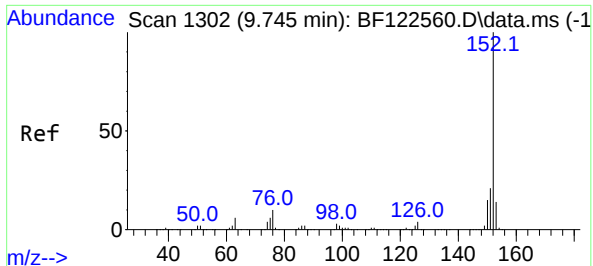
Tgt Ion: 172 Resp: 791618
Ion Ratio Lower Upper
172 100
171 34.8 29.6 44.4
170 23.2 19.5 29.3



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#49

Acenaphthylene

Concen: 2.15 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BF122883.D

Acq: 30 Dec 2020 17:29

Tgt Ion:	152	Resp:	45456
Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.6	25.0
153	12.9	10.9	16.3

Instrument :

BNA_F

ClientSampleId :

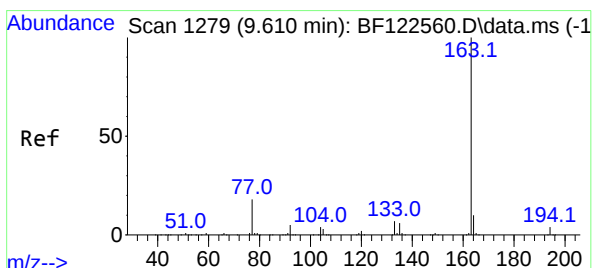
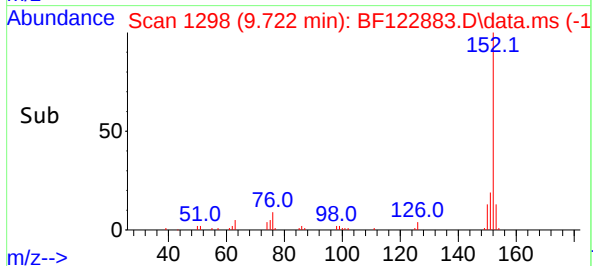
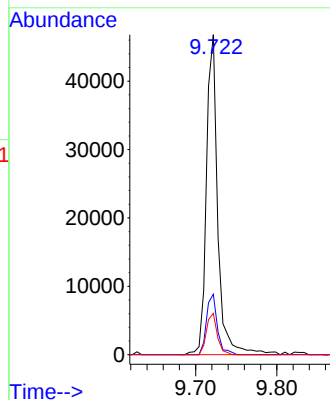
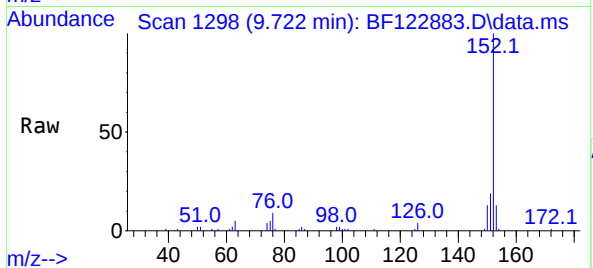
SAMPLE-2(484+26)

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#50

Dimethylphthalate

Concen: 3.40 ng

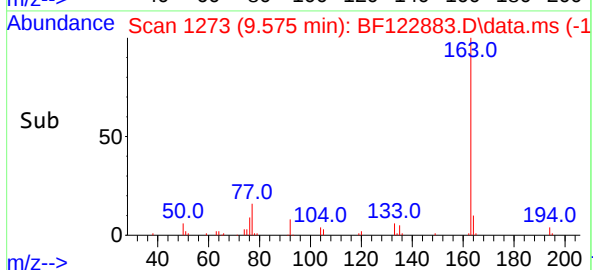
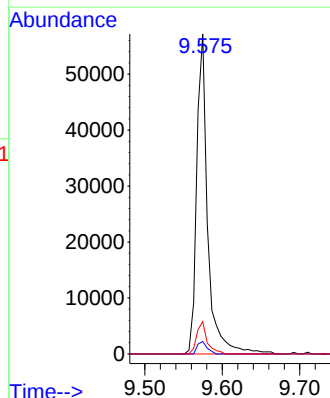
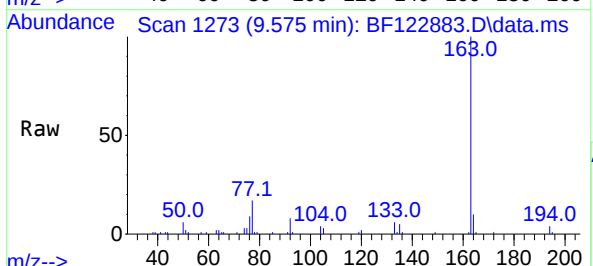
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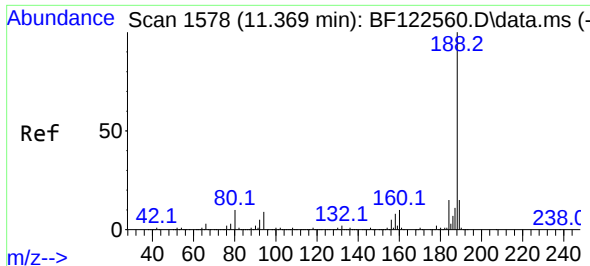
Delta R.T. -0.012 min

Lab File: BF122883.D

Acq: 30 Dec 2020 17:29

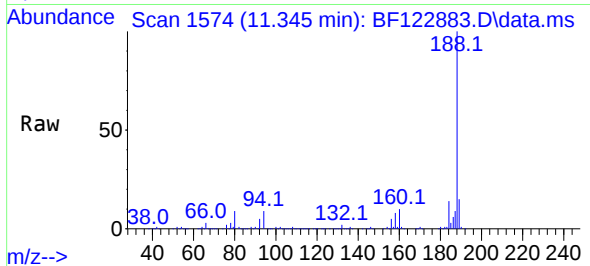
Tgt Ion:	163	Resp:	56391
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.4	5.0
164	10.1	8.1	12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

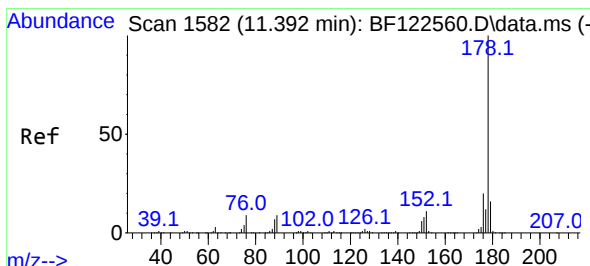
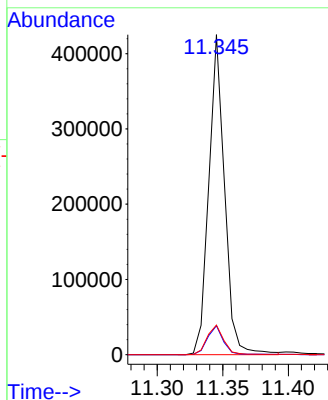
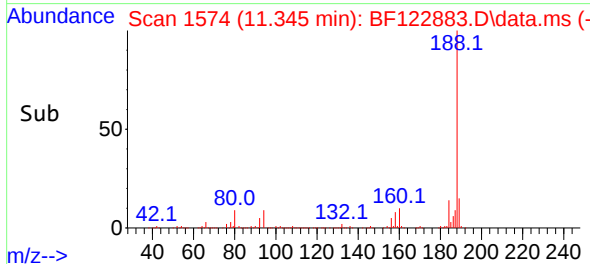
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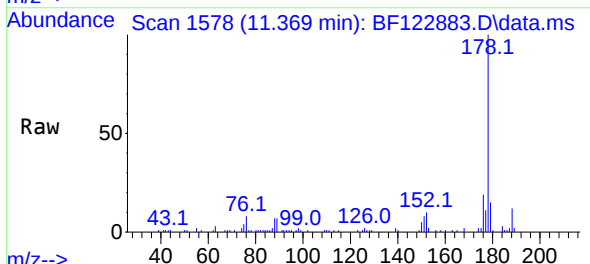
Tgt Ion:188 Resp: 356980
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.2 8.2 12.4

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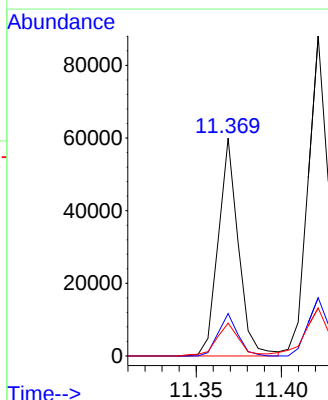
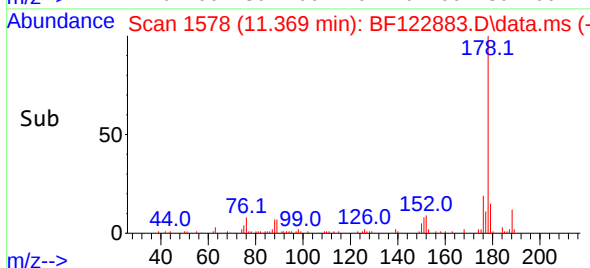
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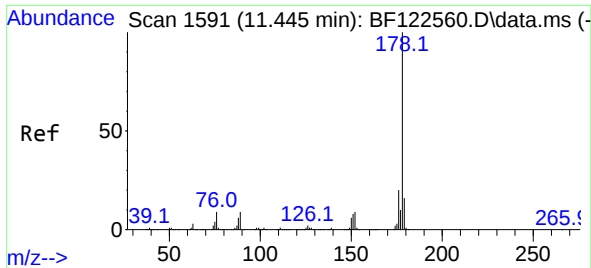


#71
Phenanthrene
Concen: 2.33 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



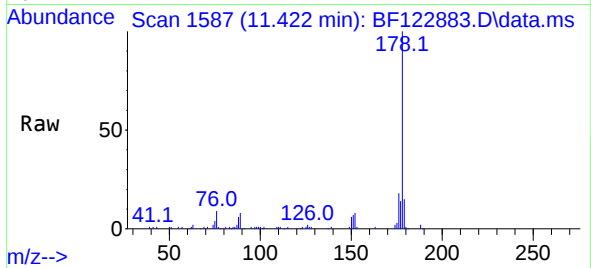
Tgt Ion:178 Resp: 49328
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.2
179 15.1 12.7 19.1





#72
 Anthracene
 Concen: 3.49 ng
 RT: 11.422 min Scan# 1587
 Delta R.T. -0.000 min
 Lab File: BF122883.D
 Acq: 30 Dec 2020 17:29

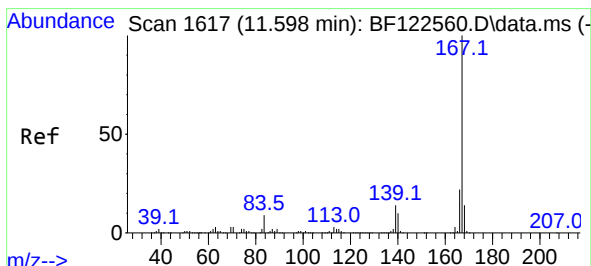
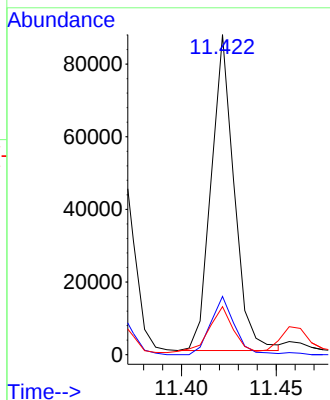
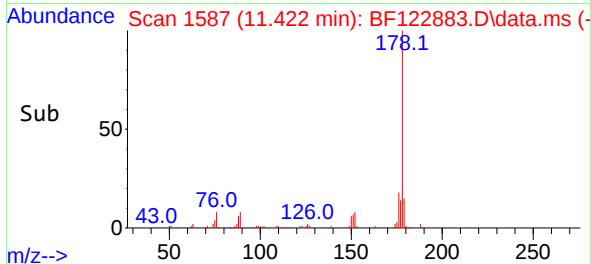
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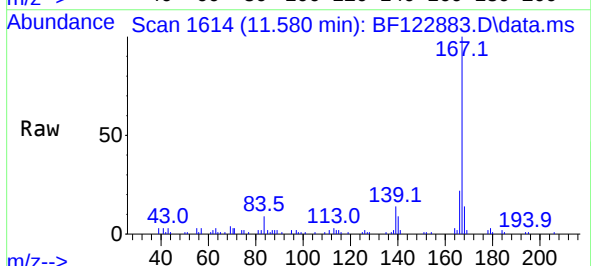
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 Ion Ratio Lower Upper
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 176 18.2 15.6 23.4
 179 15.0 12.8 19.2

Manual Integrations
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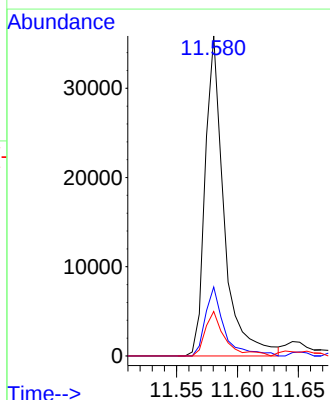
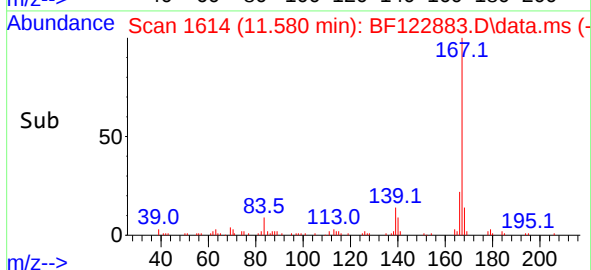
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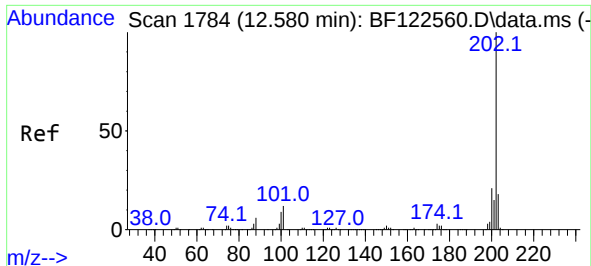


#73
 Carbazole
 Concen: 2.03 ng
 RT: 11.580 min Scan# 1614
 Delta R.T. 0.006 min
 Lab File: BF122883.D
 Acq: 30 Dec 2020 17:29



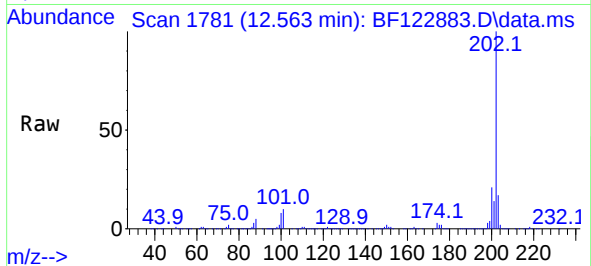
Tgt Ion:167 Resp: 38650
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.9 10.9 16.3





#75
Fluoranthene
Concen: 23.81 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

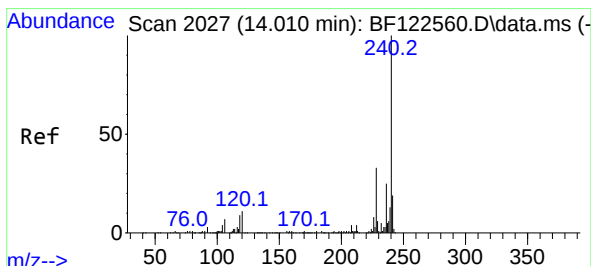
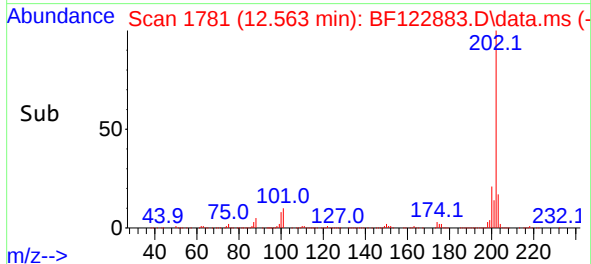
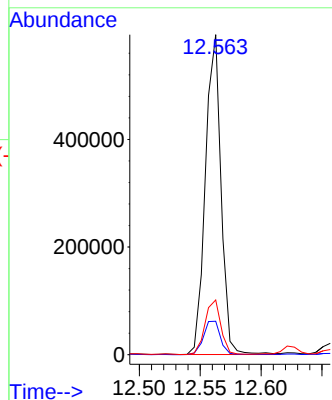
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)



Tgt Ion:202 Resp: 529823
Ion Ratio Lower Upper
202 100
101 10.5 0.0 32.2
203 17.1 0.0 38.1

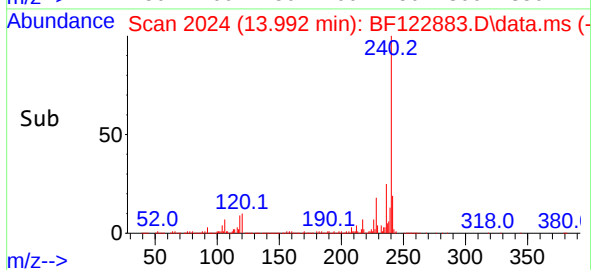
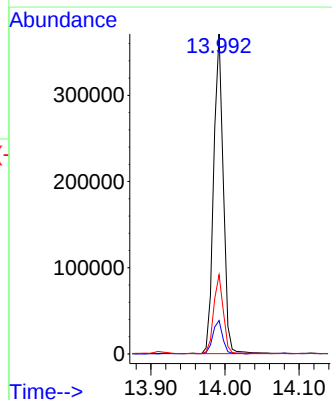
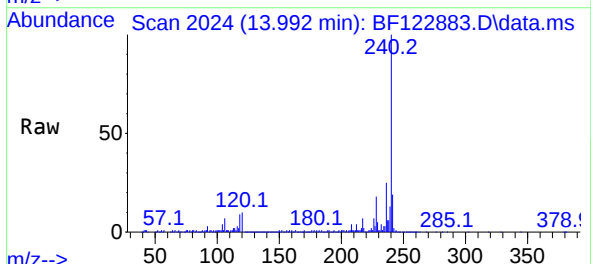
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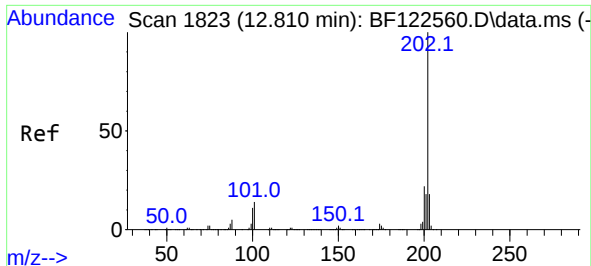
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:240 Resp: 335111
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 24.7 20.3 30.5





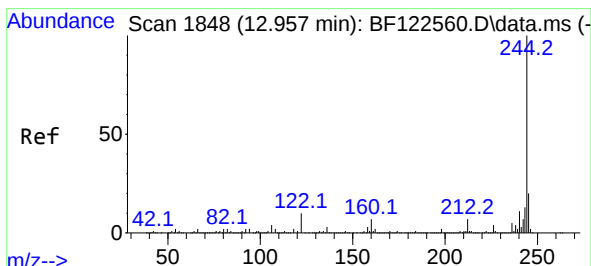
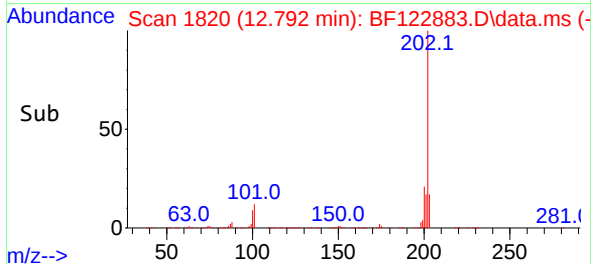
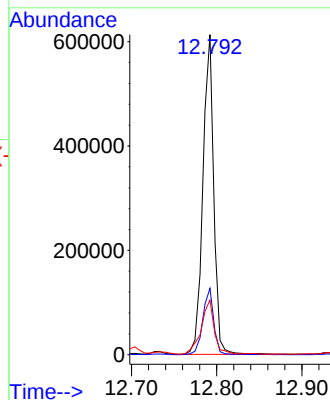
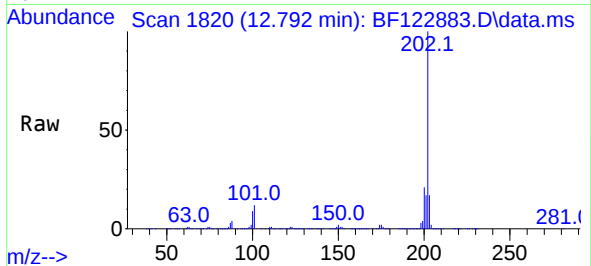
#78
Pyrene
Concen: 20.88 ng
RT: 12.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:202 Resp: 541004
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 17.1 14.6 21.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

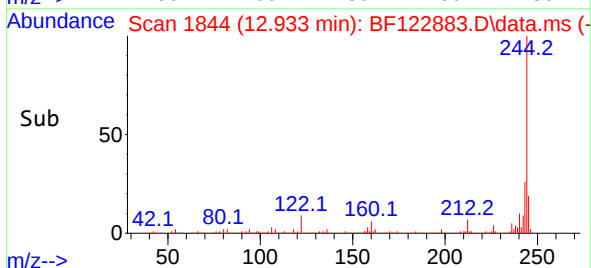
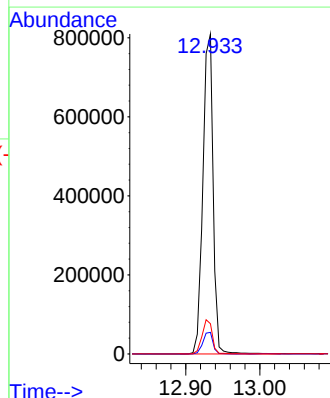
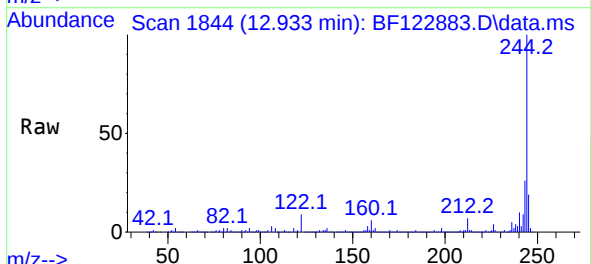
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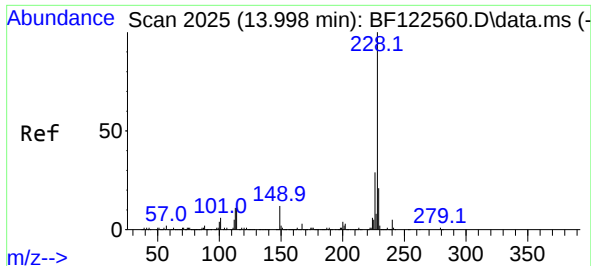
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#79
Terphenyl-d14
Concen: 40.52 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:244 Resp: 775731
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 9.4 8.3 12.5





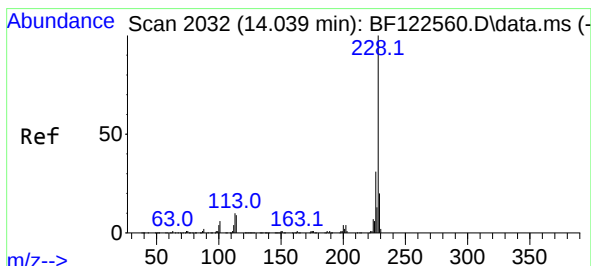
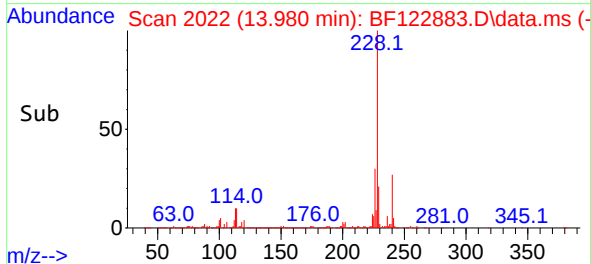
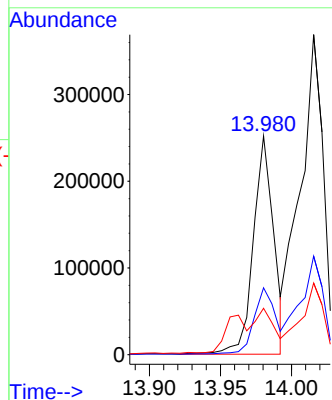
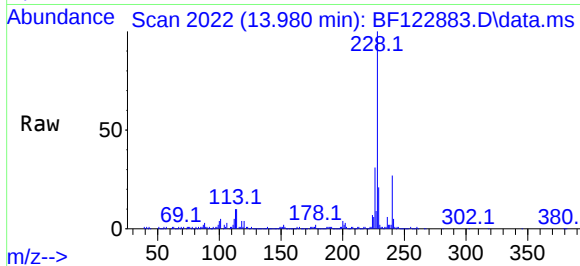
#81
Benzo(a)anthracene
Concen: 11.16 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:228 Resp: 249878
Ion Ratio Lower Upper
228 100
226 30.6 23.0 34.4
229 21.2 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

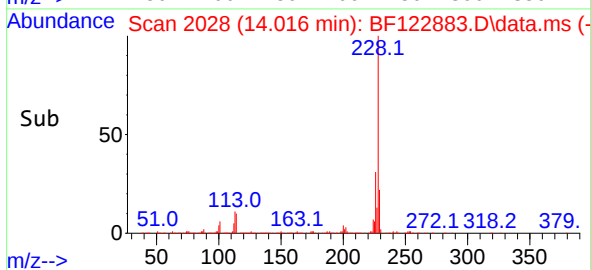
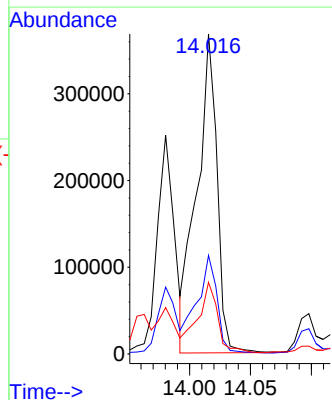
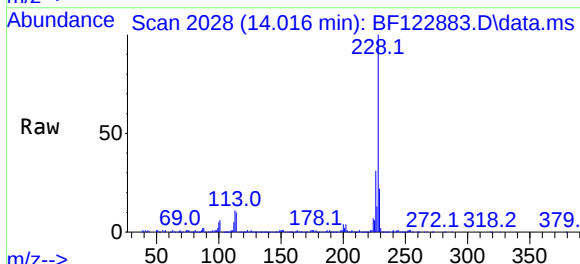
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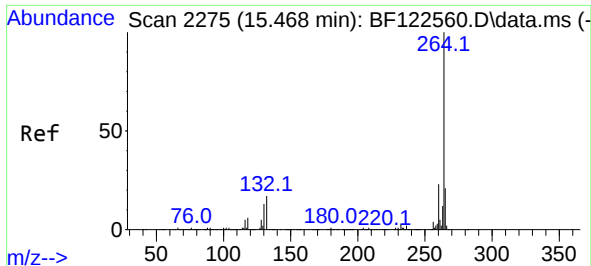
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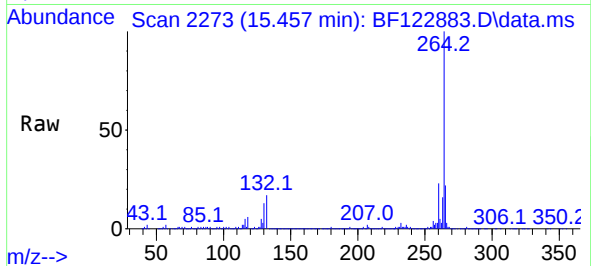
#83
Chrysene
Concen: 19.04 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:228 Resp: 424266
Ion Ratio Lower Upper
228 100
226 30.8 24.6 36.8
229 22.4 15.8 23.6



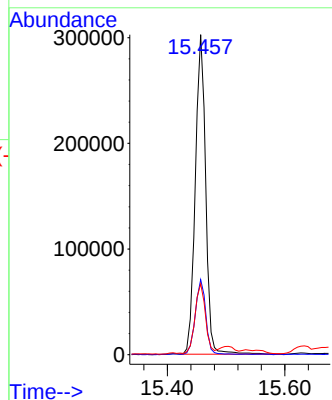


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.018 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



Tgt Ion: 264 Resp: 371128

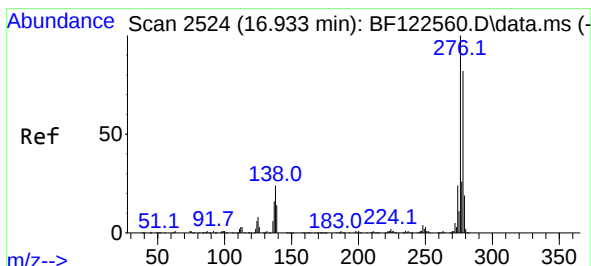
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	22.2	17.0	25.6



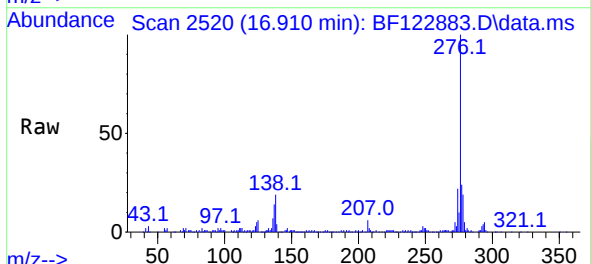
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

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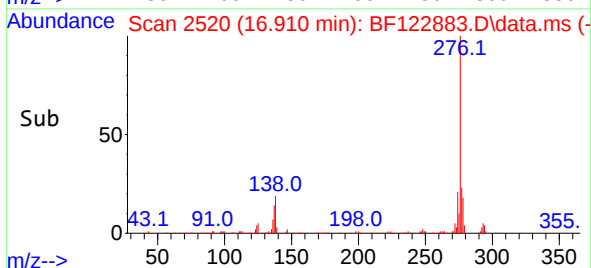
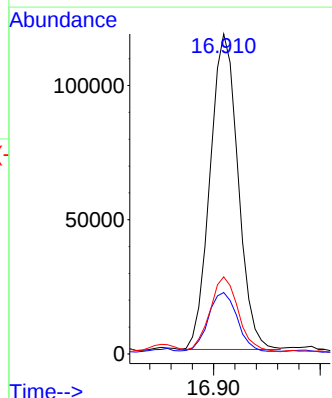


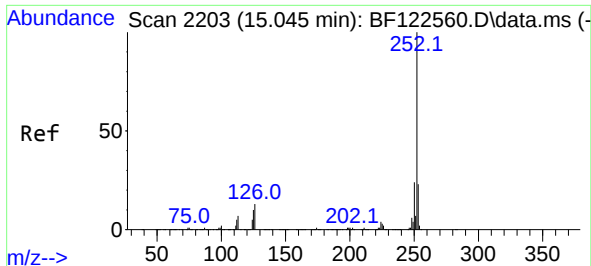
#87
Indeno(1,2,3-cd)pyrene
Concen: 8.80 ng
RT: 16.910 min Scan# 2520
Delta R.T. 0.018 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



Tgt Ion: 276 Resp: 214485

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	24.2	20.2	30.4





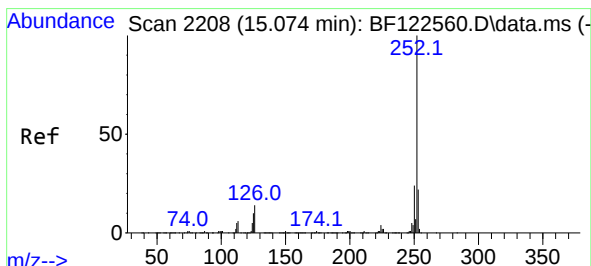
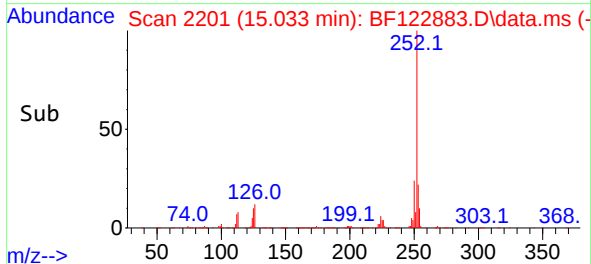
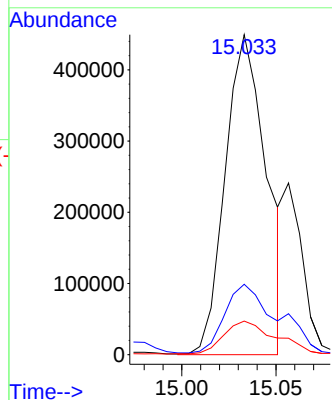
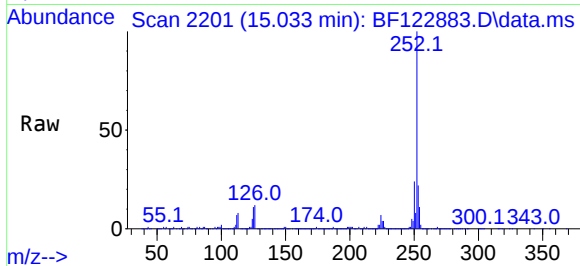
#88
Benzo(b)fluoranthene
Concen: 26.32 ng m
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion:252 Resp: 685304
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 10.5 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

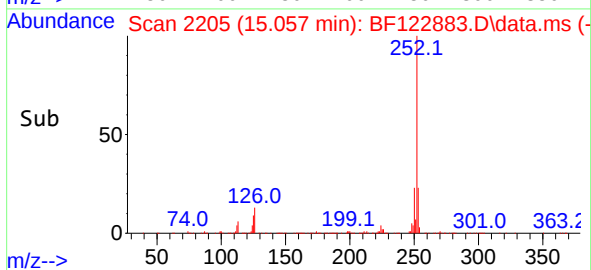
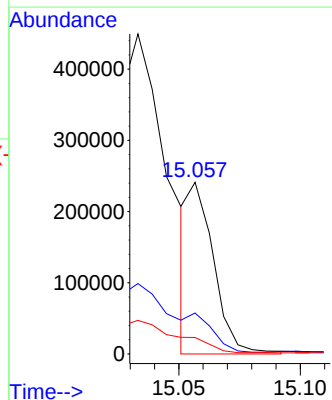
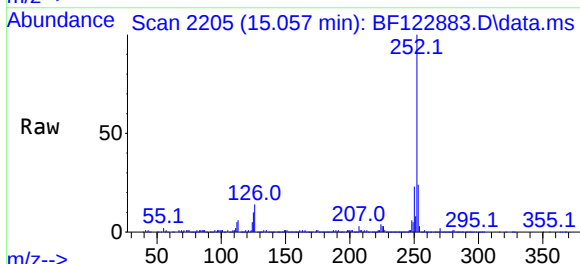
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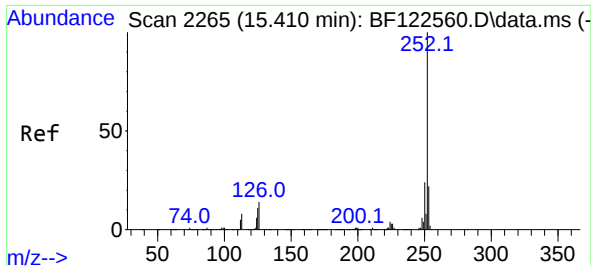
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#89
Benzo(k)fluoranthene
Concen: 7.28 ng m
RT: 15.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

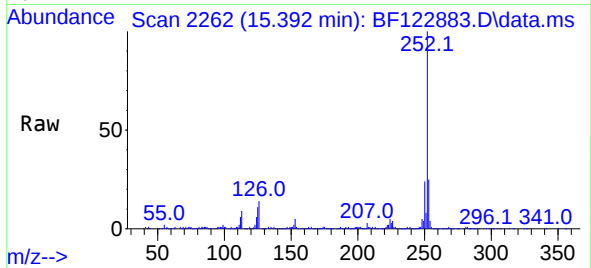
Tgt Ion:252 Resp: 173292
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.8
125 9.6 8.4 12.6





#90
Benzo(a)pyrene
Concen: 11.15 ng
RT: 15.392 min Scan# 2262
Delta R.T. 0.012 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

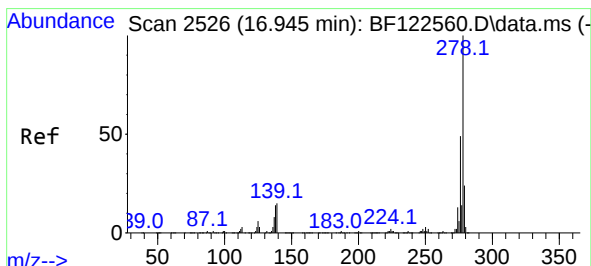
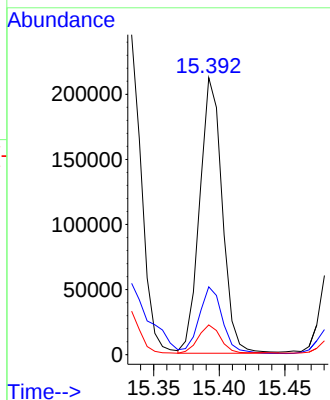
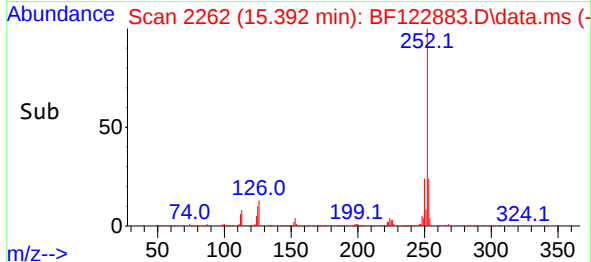
Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)



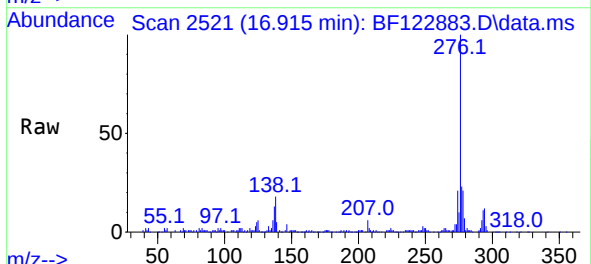
Tgt Ion:252 Resp: 254038
Ion Ratio Lower Upper
252 100
253 24.5 17.5 26.3
125 10.7 8.6 12.8

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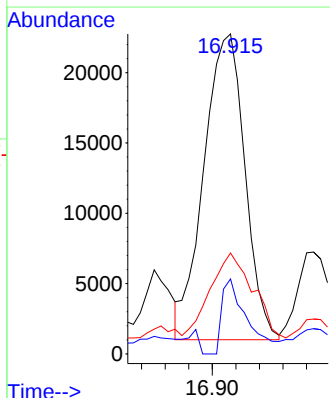
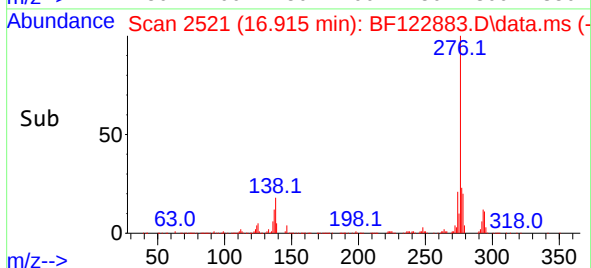
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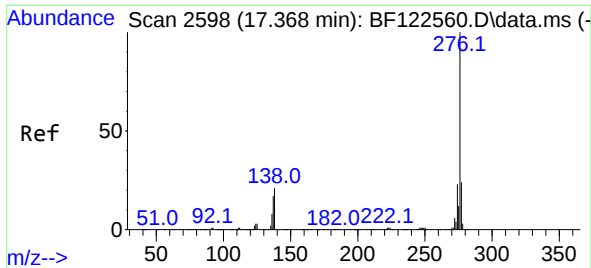


#91
Dibenzo(a,h)anthracene
Concen: 2.64 ng m
RT: 16.915 min Scan# 2521
Delta R.T. 0.012 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29



Tgt Ion:278 Resp: 52702
Ion Ratio Lower Upper
278 100
139 23.5 12.0 18.0#
279 31.5 19.4 29.2#





#92
Benzo(g,h,i)perylene
Concen: 10.21 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.023 min
Lab File: BF122883.D
Acq: 30 Dec 2020 17:29

Tgt Ion: 276 Resp: 197029
Ion Ratio Lower Upper
276 100
277 24.1 19.3 28.9
138 20.7 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
SAMPLE-2(484+26)

Manual Integrations
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