

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122851.D
 Acq On : 24 Dec 2020 11:15
 Operator : JU/CG
 Sample : L5189-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22

Manual Integrations
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Quant Time: Dec 24 12:27:14 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	6.816	152	135101	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	560160	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	313160	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	581547	20.00	ng	0.00
76) Chrysene-d12	13.986	240	403240	20.00	ng	0.00
86) Perylene-d12	15.445	264	378288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	678462	79.50	ng	0.00
7) Phenol-d6	6.451	99	769548	68.00	ng	0.00
23) Nitrobenzene-d5	7.381	82	493978	44.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	285343	69.61	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	890804	38.47	ng	-0.01
79) Terphenyl-d14	12.927	244	1266312	54.97	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.463	94	48224	4.11	ng	92
50) Dimethylphthalate	9.569	163	64701	2.59	ng	98
71) Phenanthrene	11.369	178	494439	14.31	ng	98
72) Anthracene	11.416	178	99127	2.89	ng	98
75) Fluoranthene	12.557	202	621013	17.13	ng	99
78) Pyrene	12.786	202	625939	20.08	ng	99
81) Benzo(a)anthracene	13.974	228	261425	9.70	ng	98
83) Chrysene	14.010	228	247562	9.23	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	74073	3.85	ng	100
87) Indeno(1,2,3-cd)pyrene	16.892	276	125059	5.04	ng	93
88) Benzo(b)fluoranthene	15.021	252	259438m	9.77	ng	
89) Benzo(k)fluoranthene	15.045	252	78681m	3.24	ng	
90) Benzo(a)pyrene	15.380	252	208051	8.96	ng	99
92) Benzo(g,h,i)perylene	17.327	276	125924	6.40	ng	97

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

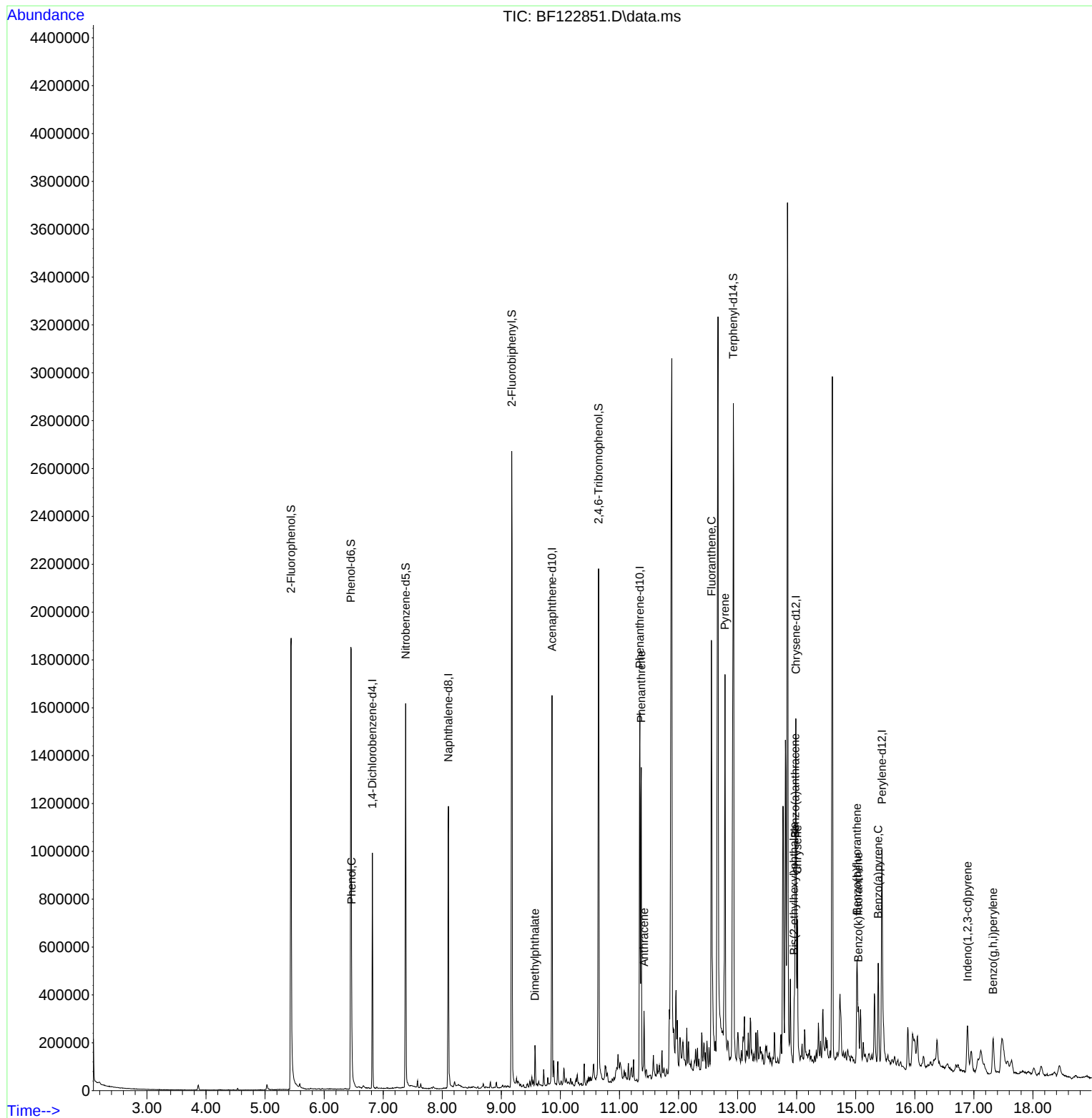
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
Data File : BF122851.D
Acq On : 24 Dec 2020 11:15
Operator : JU/CG
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Misc :
ALS Vial : 5 Sample Multiplier: 1

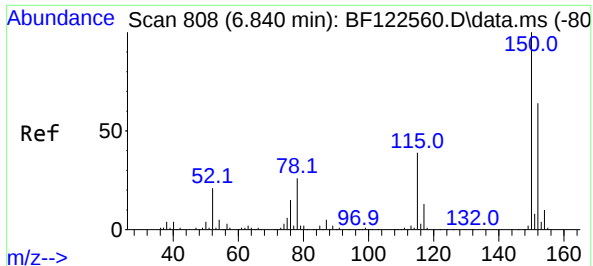
Instrument :
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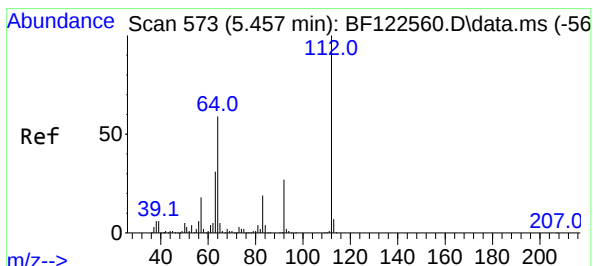
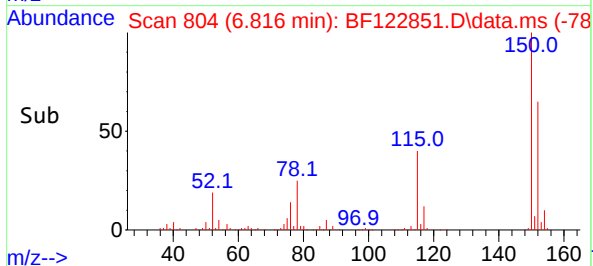
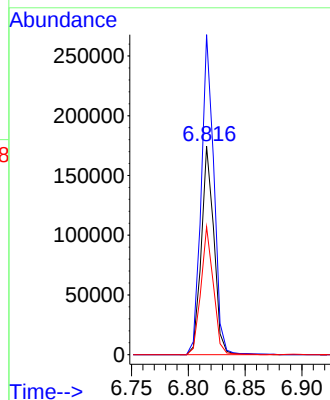
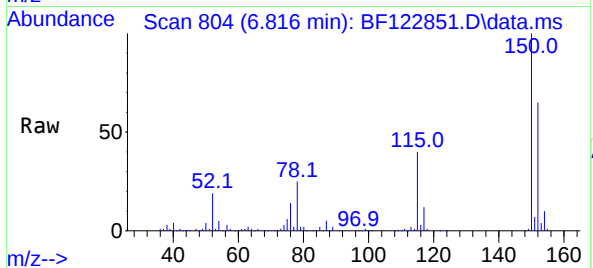
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1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:152 Resp: 135101
Ion Ratio Lower Upper
152 100
150 153.5 125.8 188.6
115 61.4 49.3 73.9

Instrument :
BNA_F
ClientSampled :
22

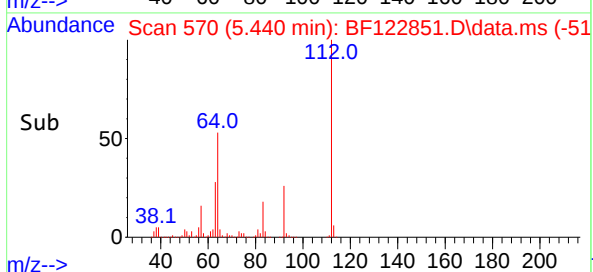
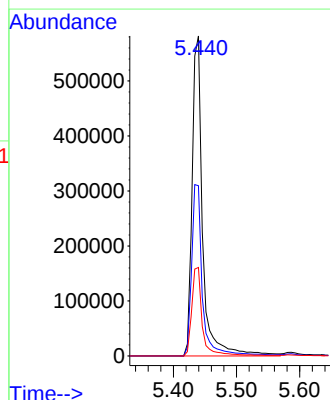
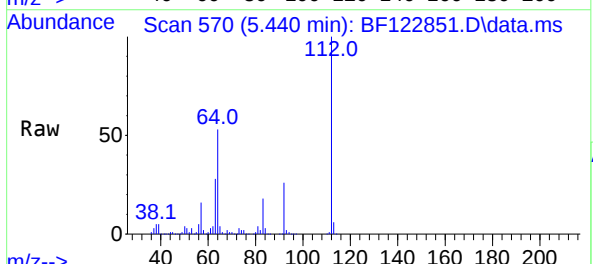
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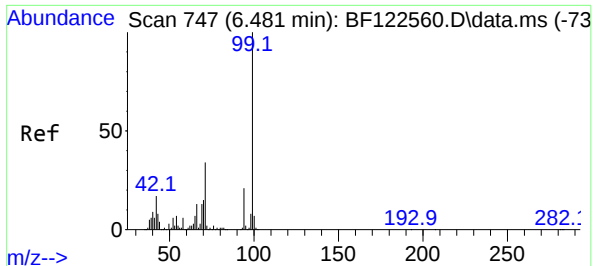
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#5
2-Fluorophenol
Concen: 79.50 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:112 Resp: 678462
Ion Ratio Lower Upper
112 100
64 53.2 46.9 70.3
63 27.6 24.5 36.7





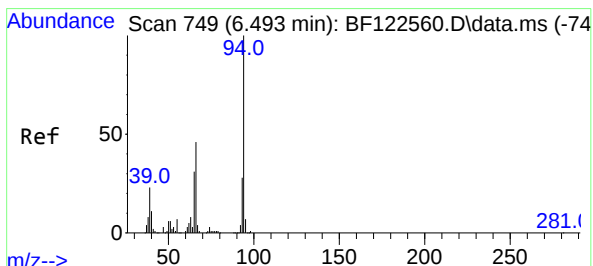
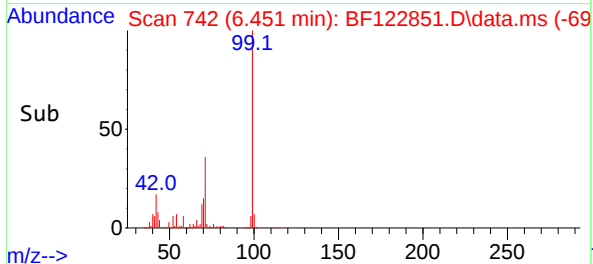
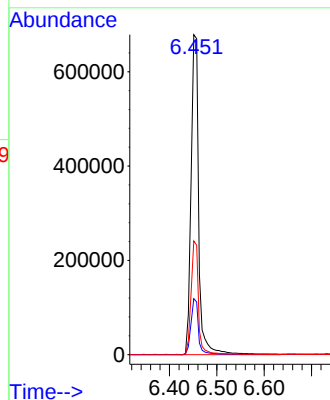
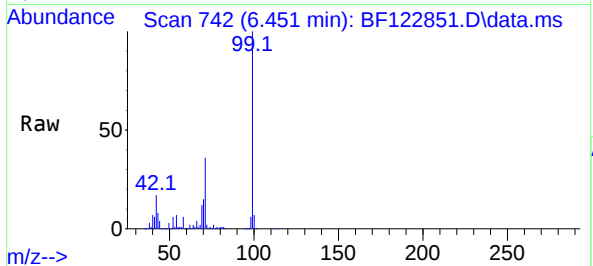
#7
Phenol-d6
Concen: 68.00 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:	99	Resp:	769548
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.8	20.6
71	35.6	26.9	40.3

Instrument :
BNA_F
ClientSampleId :
22

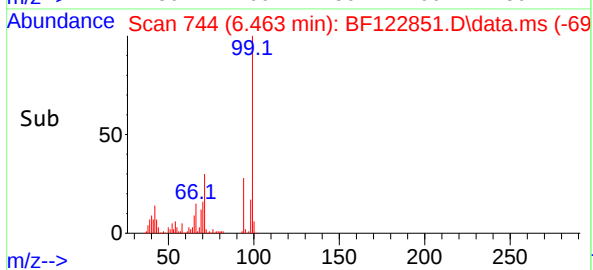
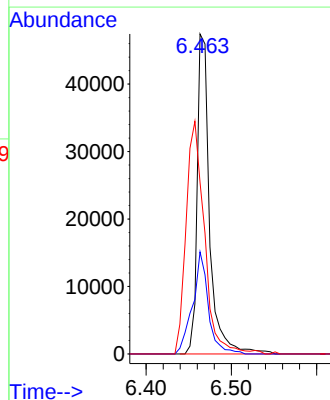
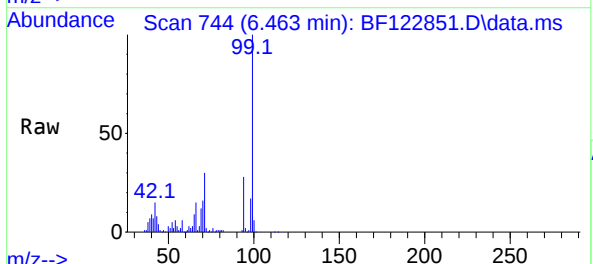
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#10
Phenol
Concen: 4.11 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

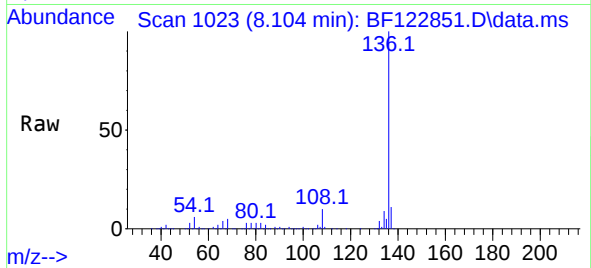
Tgt Ion:	94	Resp:	48224
Ion	Ratio	Lower	Upper
94	100		
65	31.9	11.2	51.2
66	53.6	25.8	65.8





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

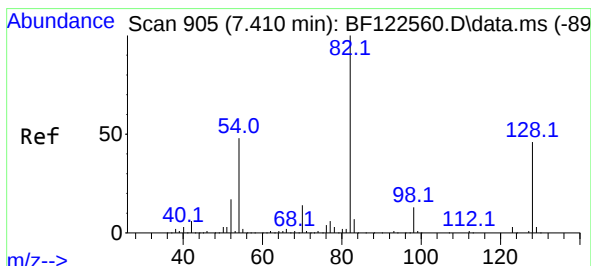
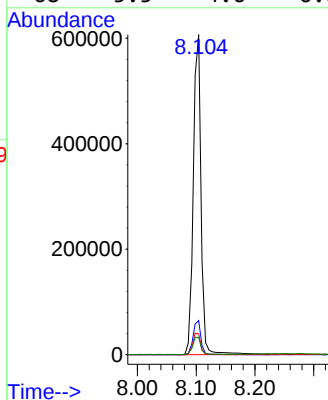
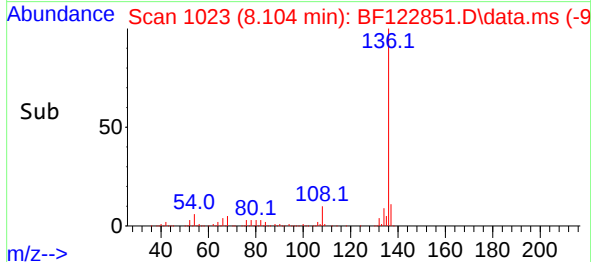
Instrument :
BNA_F
ClientSampled :
22



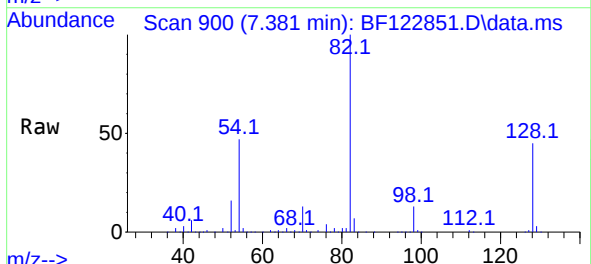
Tgt Ion:136 Resp: 560160
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.5 5.5 8.3
68 5.5 4.6 6.8

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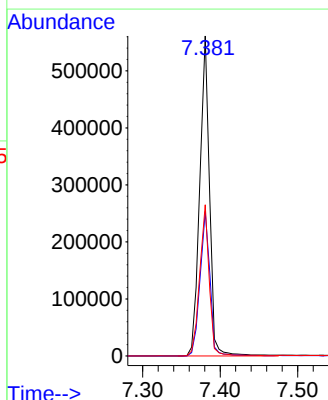
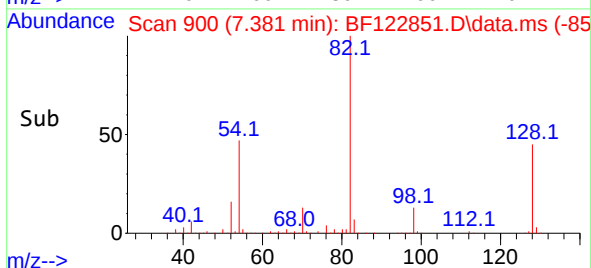
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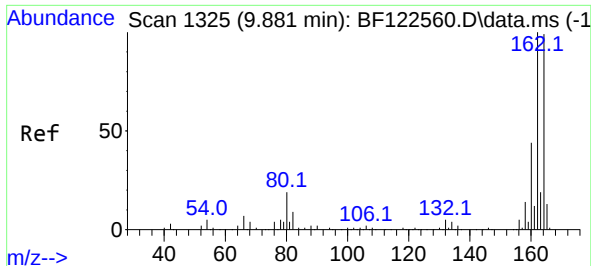


#23
Nitrobenzene-d5
Concen: 44.18 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



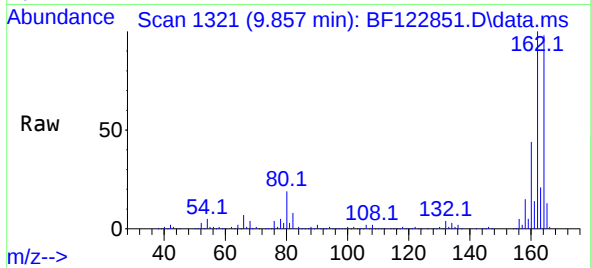
Tgt Ion: 82 Resp: 493978
Ion Ratio Lower Upper
82 100
128 45.2 37.0 55.4
54 47.2 38.4 57.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

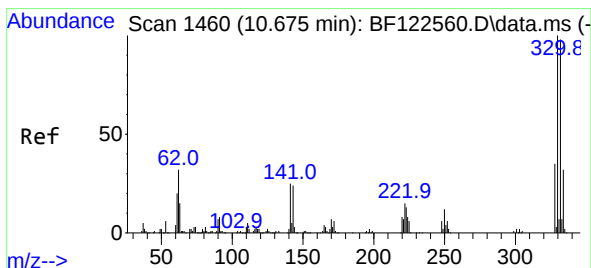
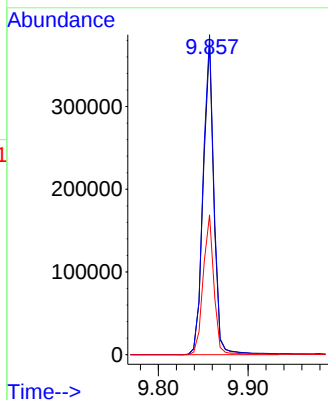
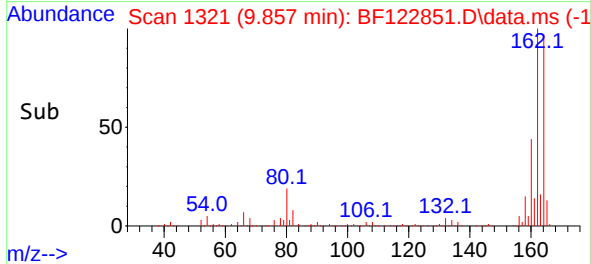
Instrument :
BNA_F
ClientSampled :
22



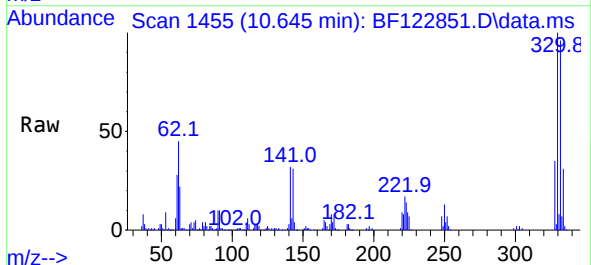
Tgt Ion:164 Resp: 313160
Ion Ratio Lower Upper
164 100
162 102.5 80.8 121.2
160 44.8 35.4 53.0

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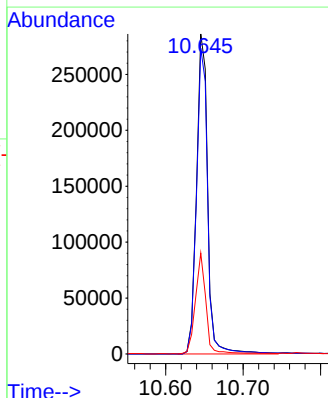
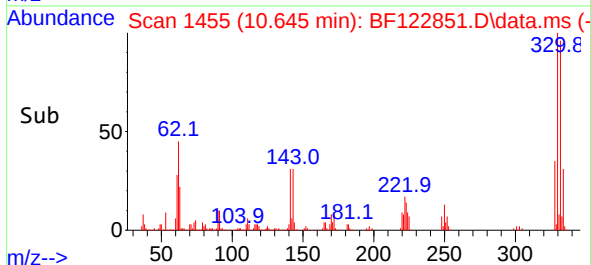
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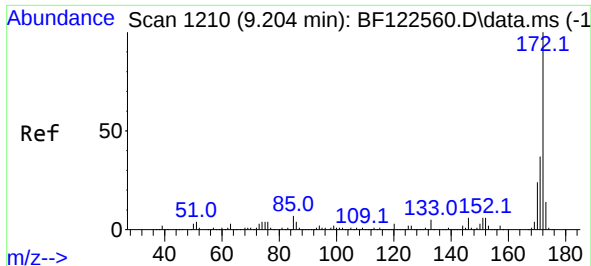


#42
2,4,6-Tribromophenol
Concen: 69.61 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



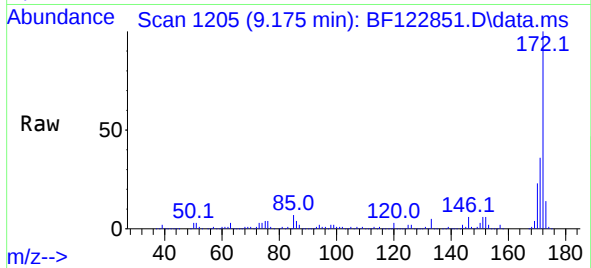
Tgt Ion:330 Resp: 285343
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 29.9 23.8 35.8





#45
2-Fluorobiphenyl
Concen: 38.47 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

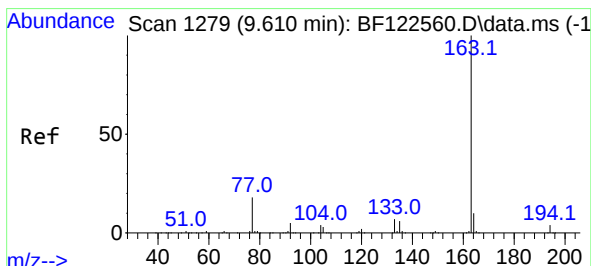
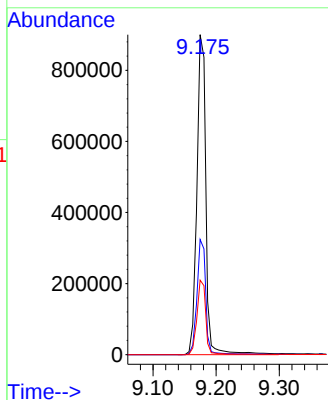
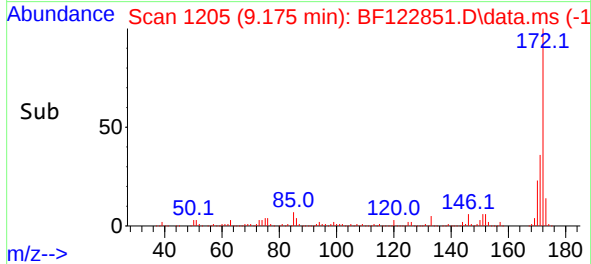
Instrument :
BNA_F
ClientSampled :
22



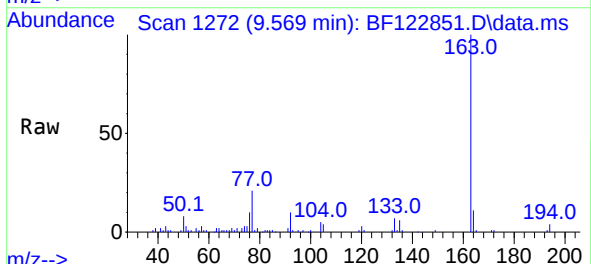
Tgt Ion:172 Resp: 890804
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.3 19.5 29.3

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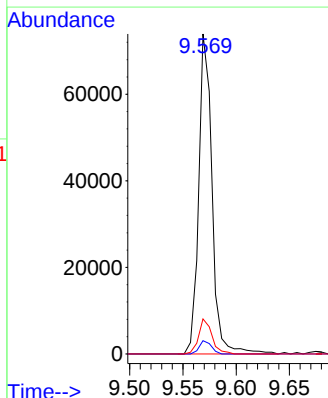
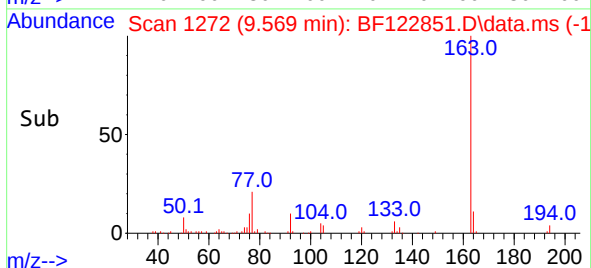
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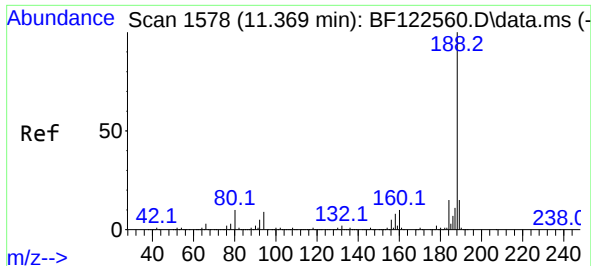


#50
Dimethylphthalate
Concen: 2.59 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



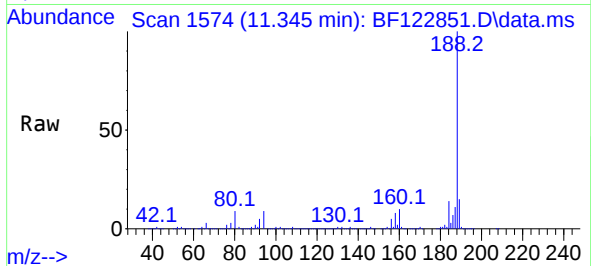
Tgt Ion:163 Resp: 64701
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 11.0 8.1 12.1





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

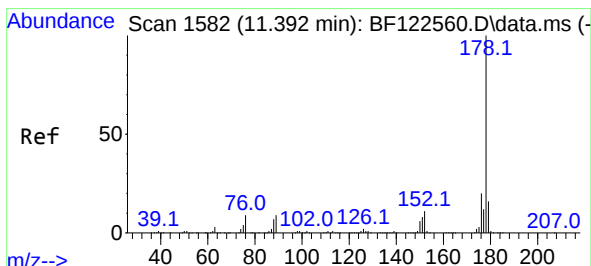
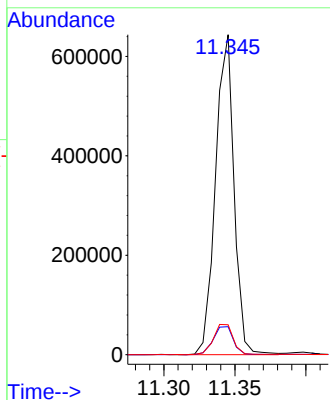
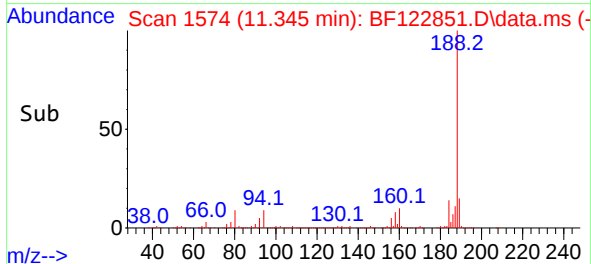
Instrument :
BNA_F
ClientSampled :
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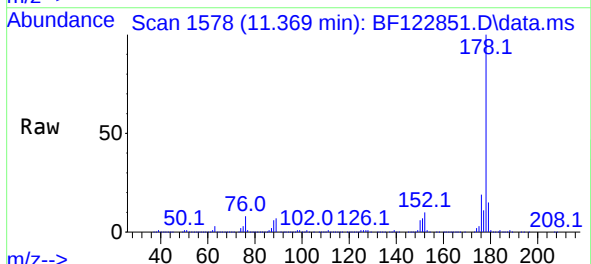
Tgt Ion:188 Resp: 581547
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.4 8.2 12.4

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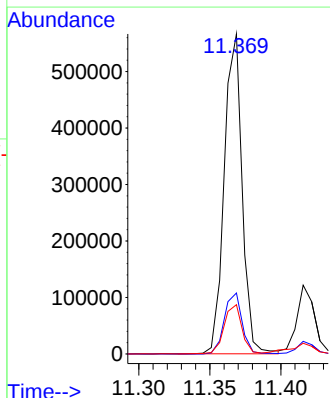
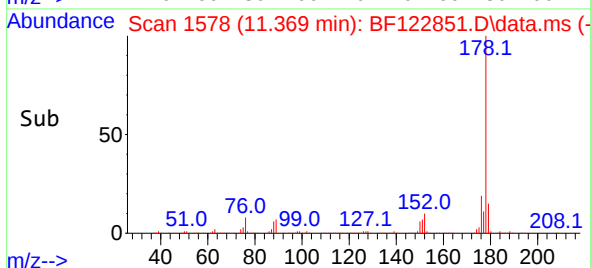
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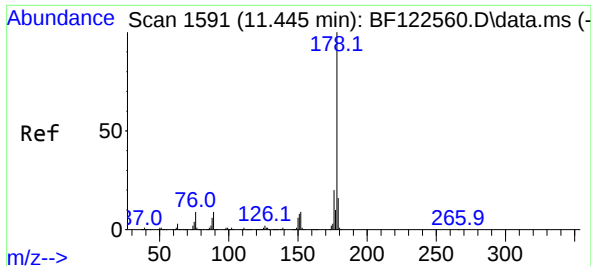


#71
Phenanthrene
Concen: 14.31 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



Tgt Ion:178 Resp: 494439
Ion Ratio Lower Upper
178 100
176 19.1 16.2 24.2
179 15.4 12.7 19.1





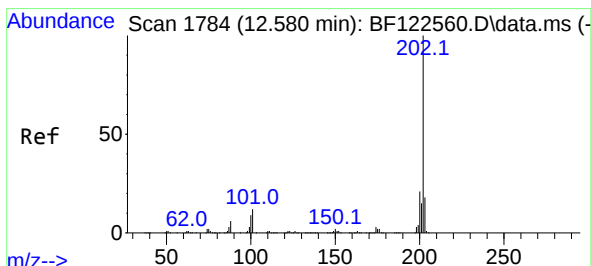
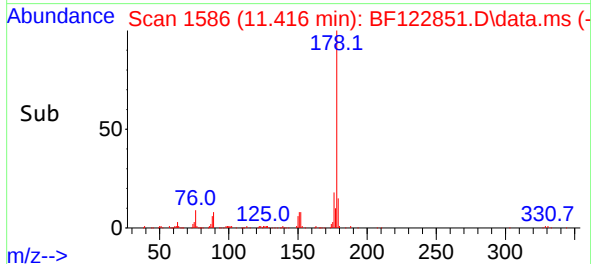
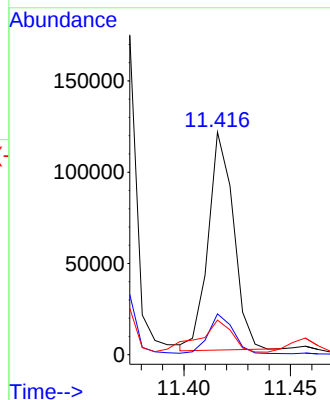
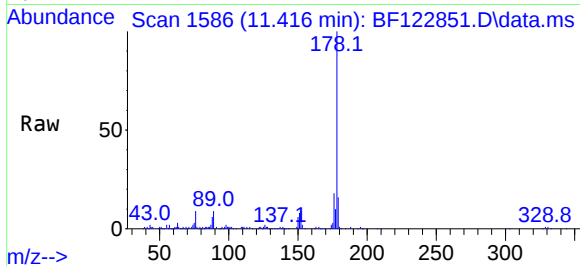
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 Anthracene
 Concen: 2.89 ng
 RT: 11.416 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: BF122851.D
 Acq: 24 Dec 2020 11:15

Tgt Ion:178	Resp:	99127
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.6 23.4
179	15.5	12.8 19.2

Instrument :
 BNA_F
 ClientSampleId :
 22

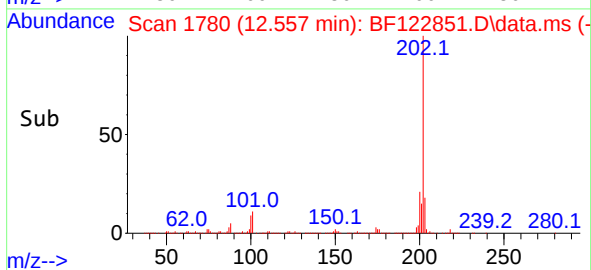
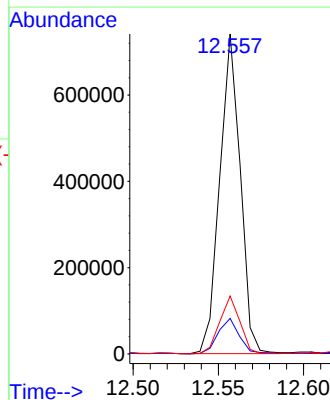
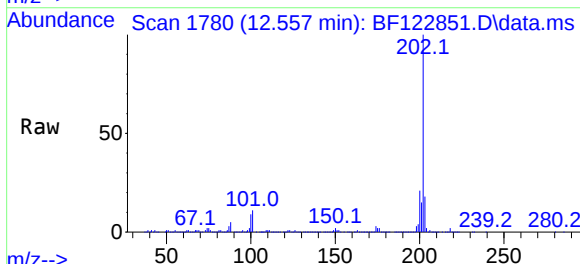
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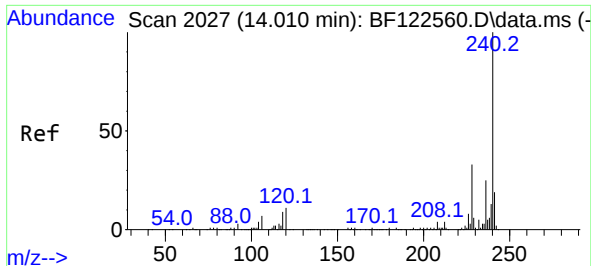
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#75
 Fluoranthene
 Concen: 17.13 ng
 RT: 12.557 min Scan# 1780
 Delta R.T. -0.000 min
 Lab File: BF122851.D
 Acq: 24 Dec 2020 11:15

Tgt Ion:202	Resp:	621013
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 32.2
203	18.1	0.0 38.1





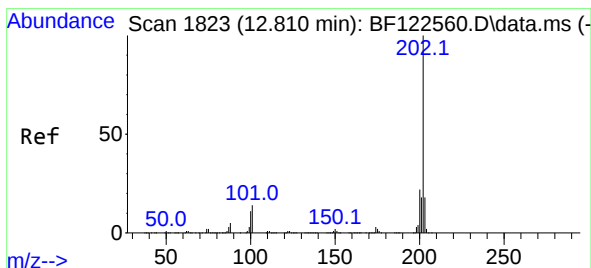
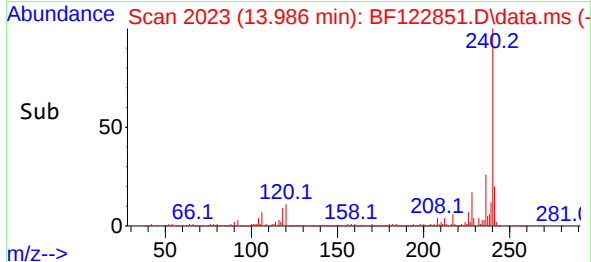
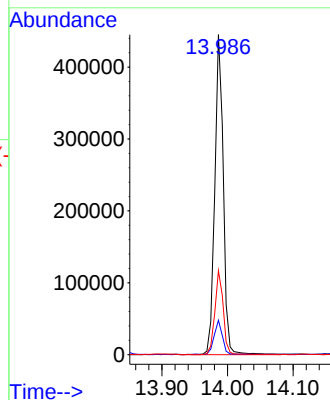
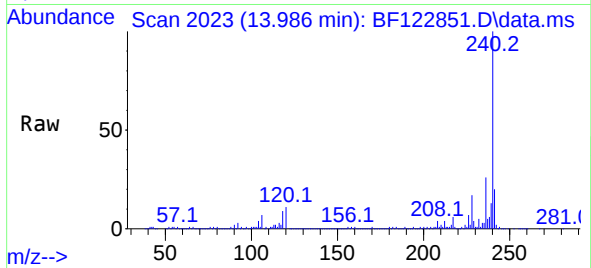
#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:240 Resp: 403240
Ion Ratio Lower Upper
240 100
120 10.7 8.6 12.8
236 26.2 20.3 30.5

Instrument :
BNA_F
ClientSampled :
22

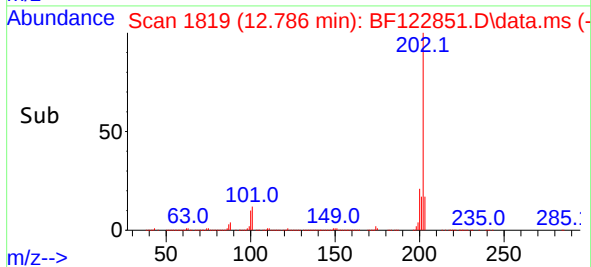
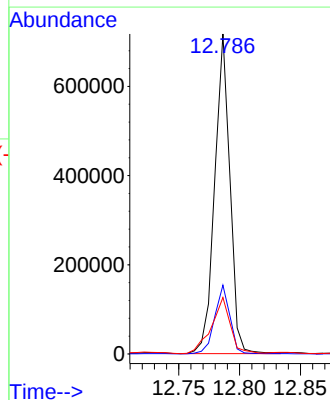
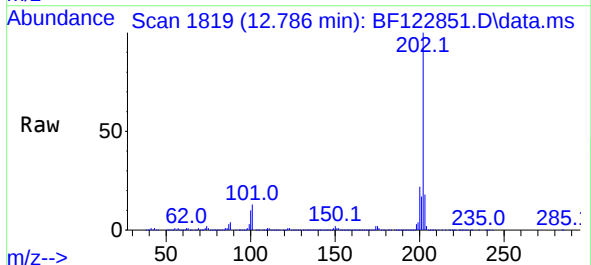
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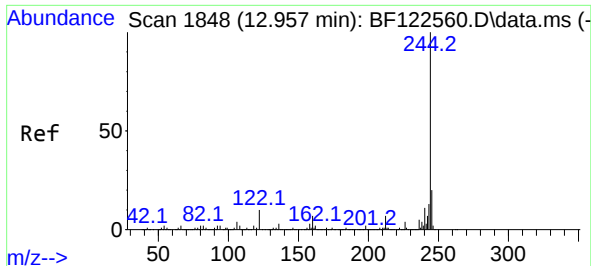
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#78
Pyrene
Concen: 20.08 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:202 Resp: 625939
Ion Ratio Lower Upper
202 100
200 21.5 17.6 26.4
203 17.6 14.6 21.8





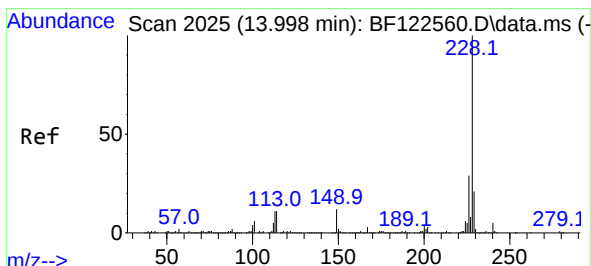
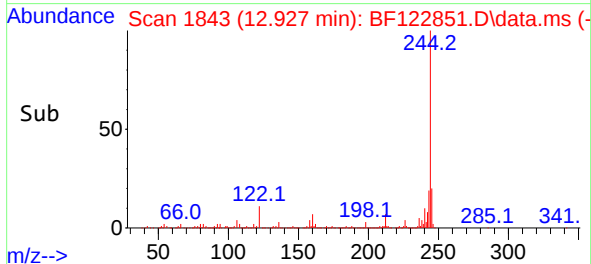
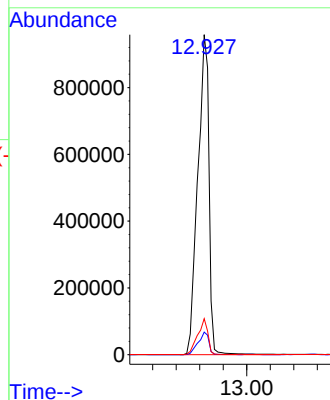
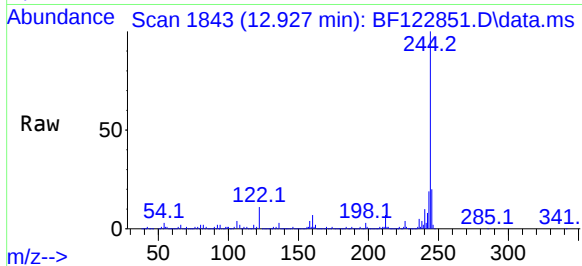
#79
Terphenyl-d14
Concen: 54.97 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:244 Resp: 1266312
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.2 8.3 12.5

Instrument :
BNA_F
ClientSampled :
22

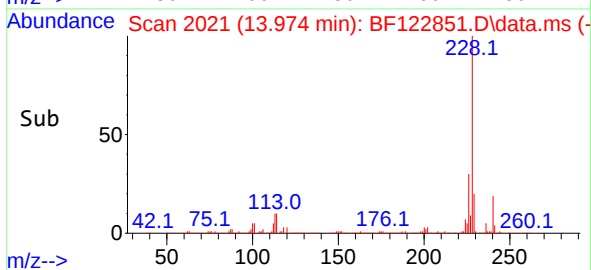
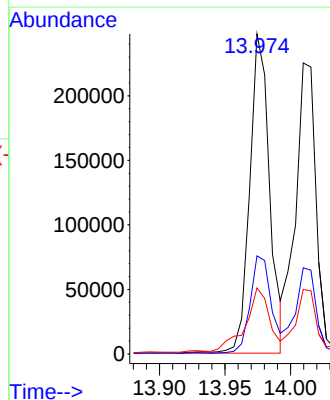
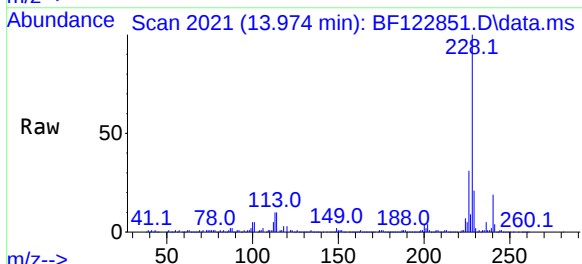
Manual Integrations
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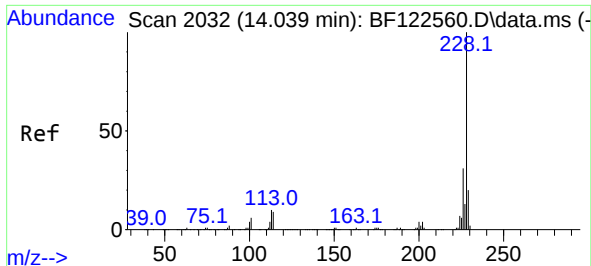
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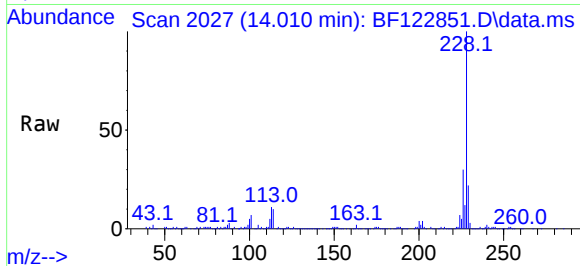
#81
Benzo(a)anthracene
Concen: 9.70 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:228 Resp: 261425
Ion Ratio Lower Upper
228 100
226 30.6 23.0 34.4
229 20.7 16.6 24.8

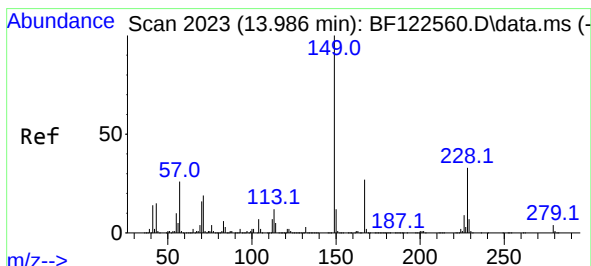
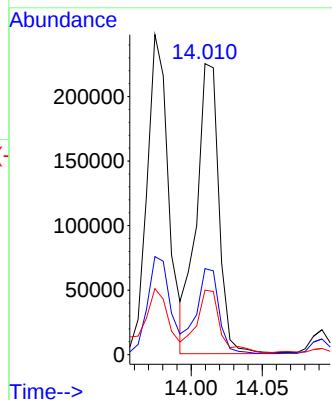
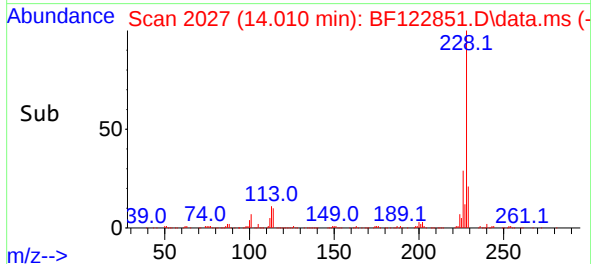




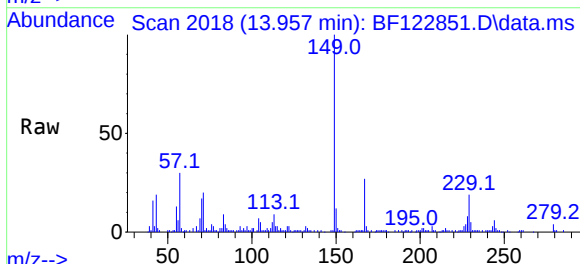
#83
Chrysene
Concen: 9.23 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



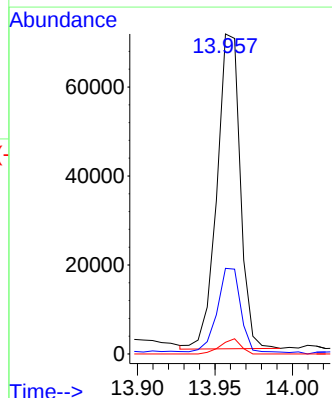
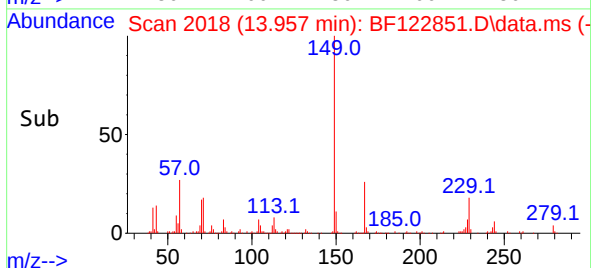
Tgt Ion:228 Resp: 247562
Ion Ratio Lower Upper
228 100
226 29.6 24.6 36.8
229 22.2 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.85 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



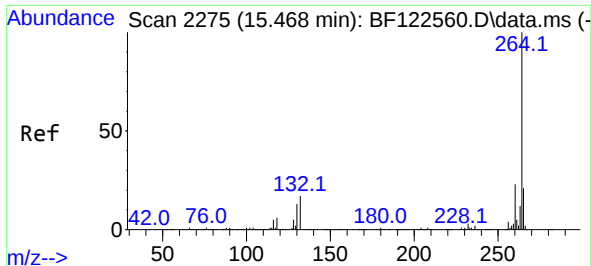
Tgt Ion:149 Resp: 74073
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.2
279 3.7 3.4 5.0



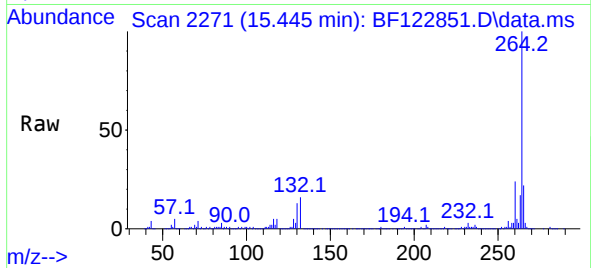
Instrument :
BNA_F
ClientSampled :
22

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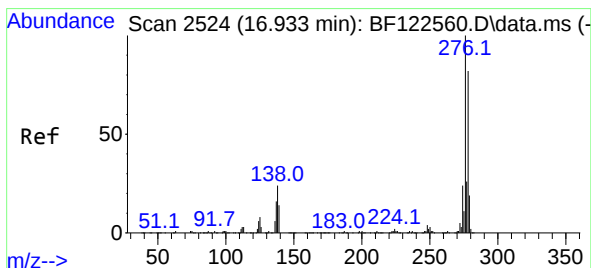
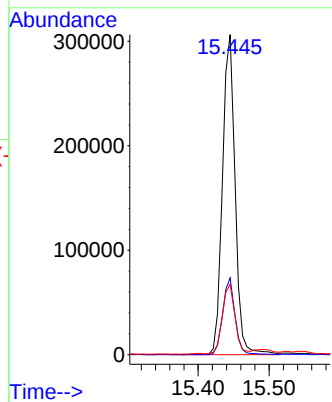
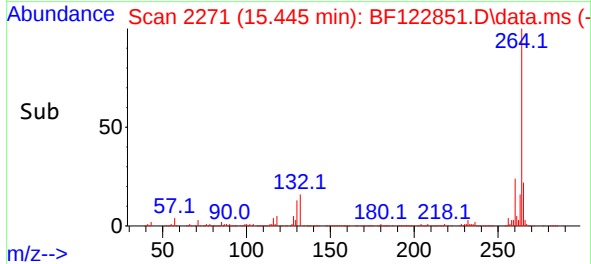
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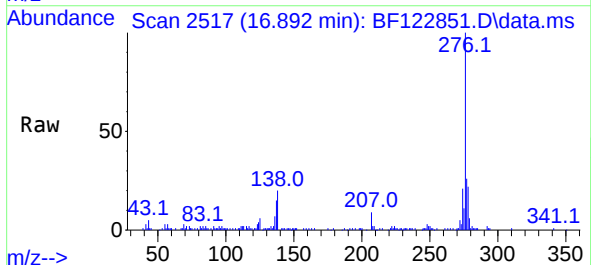
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



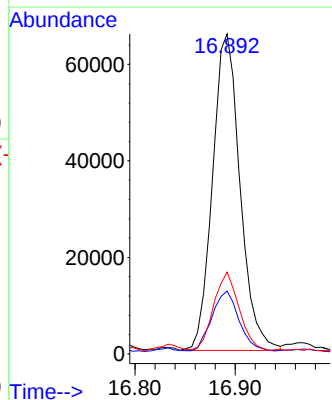
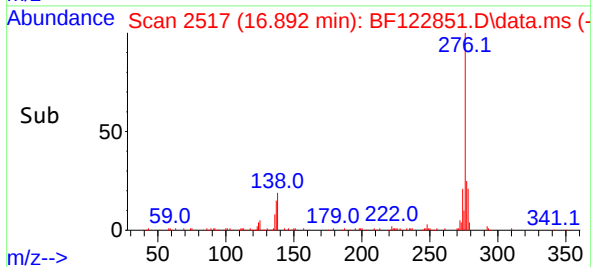
Tgt Ion:264 Resp: 378288
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.0 17.0 25.6



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.04 ng
RT: 16.892 min Scan# 2517
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15



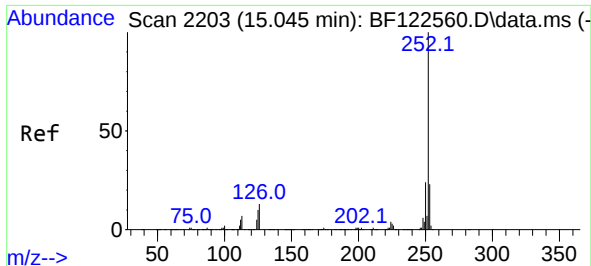
Tgt Ion:276 Resp: 125059
Ion Ratio Lower Upper
276 100
138 19.4 18.7 28.1
277 22.6 20.2 30.4



Instrument :
BNA_F
ClientSampled :
22

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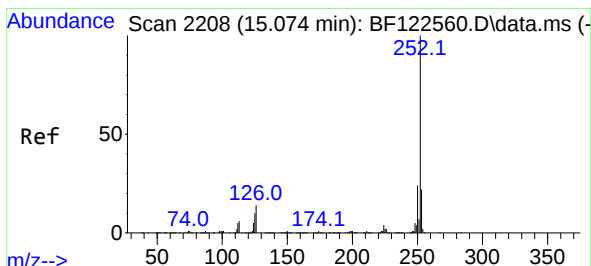
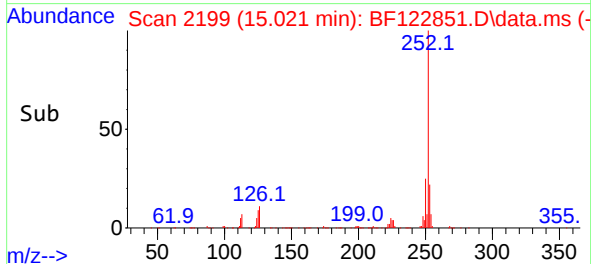
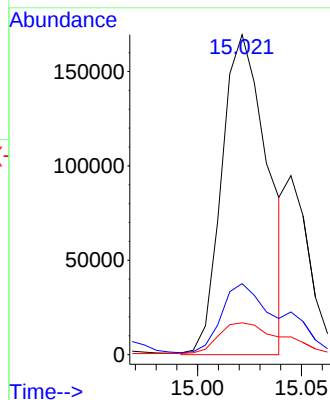
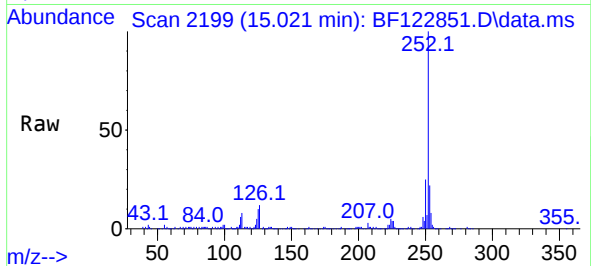
#88
Benzo(b)fluoranthene
Concen: 9.77 ng m
RT: 15.021 min Scan# 2199
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:252 Resp: 259438
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 10.0 8.1 12.1

Instrument :
BNA_F
ClientSampleId :
22

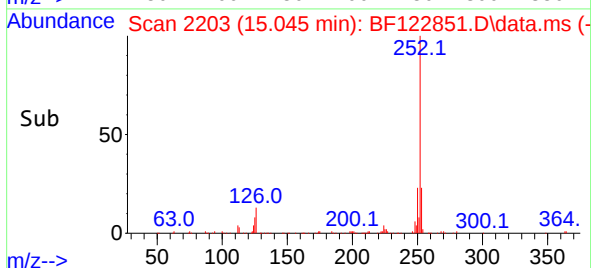
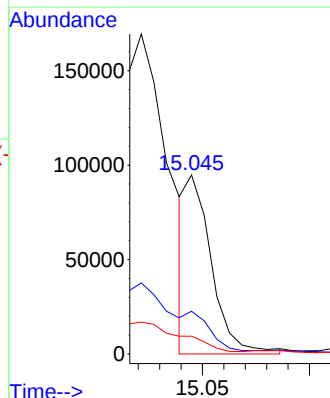
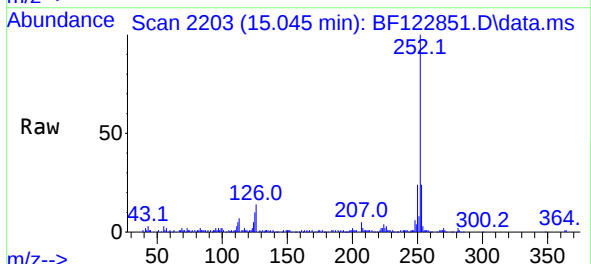
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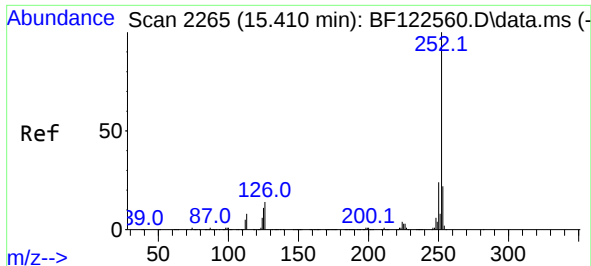
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#89
Benzo(k)fluoranthene
Concen: 3.24 ng m
RT: 15.045 min Scan# 2203
Delta R.T. -0.006 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion:252 Resp: 78681
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 9.9 8.4 12.6





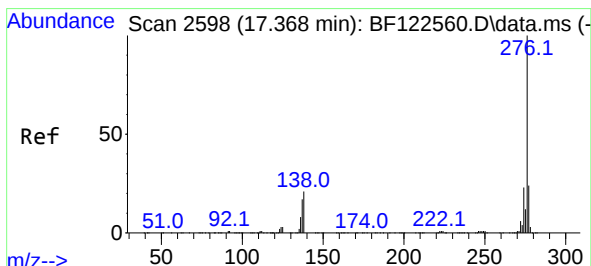
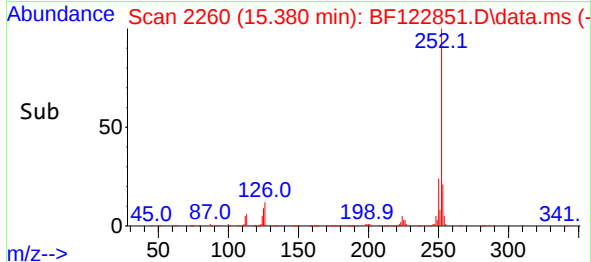
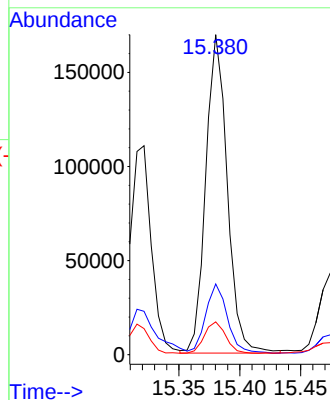
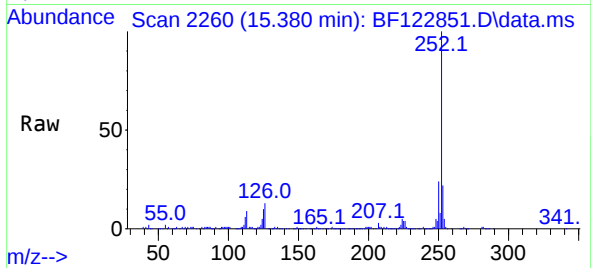
#90
Benzo(a)pyrene
Concen: 8.96 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion: 252 Resp: 208051
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.2 8.6 12.8

Instrument :
BNA_F
ClientSampled :
22

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.40 ng
RT: 17.327 min Scan# 2591
Delta R.T. -0.000 min
Lab File: BF122851.D
Acq: 24 Dec 2020 11:15

Tgt Ion: 276 Resp: 125924
Ion Ratio Lower Upper
276 100
277 23.4 19.3 28.9
138 18.8 16.6 24.8

