

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112320\
 Data File : BF122450.D
 Acq On : 23 Nov 2020 16:46
 Operator : JU/CG
 Sample : L4836-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Manual Integrations
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Quant Time: Nov 23 18:00:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 13:27:02 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	179999	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	671290	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	347990	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	606550	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	450912	20.00	ng	-0.01
86) Perylene-d12	15.521	264	472868	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	899436	76.73	ng	0.00
7) Phenol-d6	6.492	99	1120453	73.06	ng	-0.02
23) Nitrobenzene-d5	7.422	82	698681	63.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	319754	85.61	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1206303	54.16	ng	0.00
79) Terphenyl-d14	12.986	244	1114651	52.37	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	46441	3.08	ng	78
50) Dimethylphthalate	9.622	163	135488	5.48	ng	99
71) Phenanthrene	11.416	178	533733	15.51	ng	99
72) Anthracene	11.469	178	90031	2.54	ng	96
75) Fluoranthene	12.610	202	481998	13.42	ng	97
78) Pyrene	12.839	202	569095	17.96	ng	98
81) Benzo(a)anthracene	14.027	228	239473	8.54	ng	98
83) Chrysene	14.063	228	252221	8.93	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	123775	4.36	ng	97
88) Benzo(b)fluoranthene	15.086	252	234073m	7.64	ng	
89) Benzo(k)fluoranthene	15.110	252	69012m	2.31	ng	
90) Benzo(a)pyrene	15.451	252	197017	7.38	ng	96
91) Dibenzo(a,h)anthracene	17.004	278	55978m	2.36	ng	
92) Benzo(g,h,i)perylene	17.433	276	151795	6.57	ng	98

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

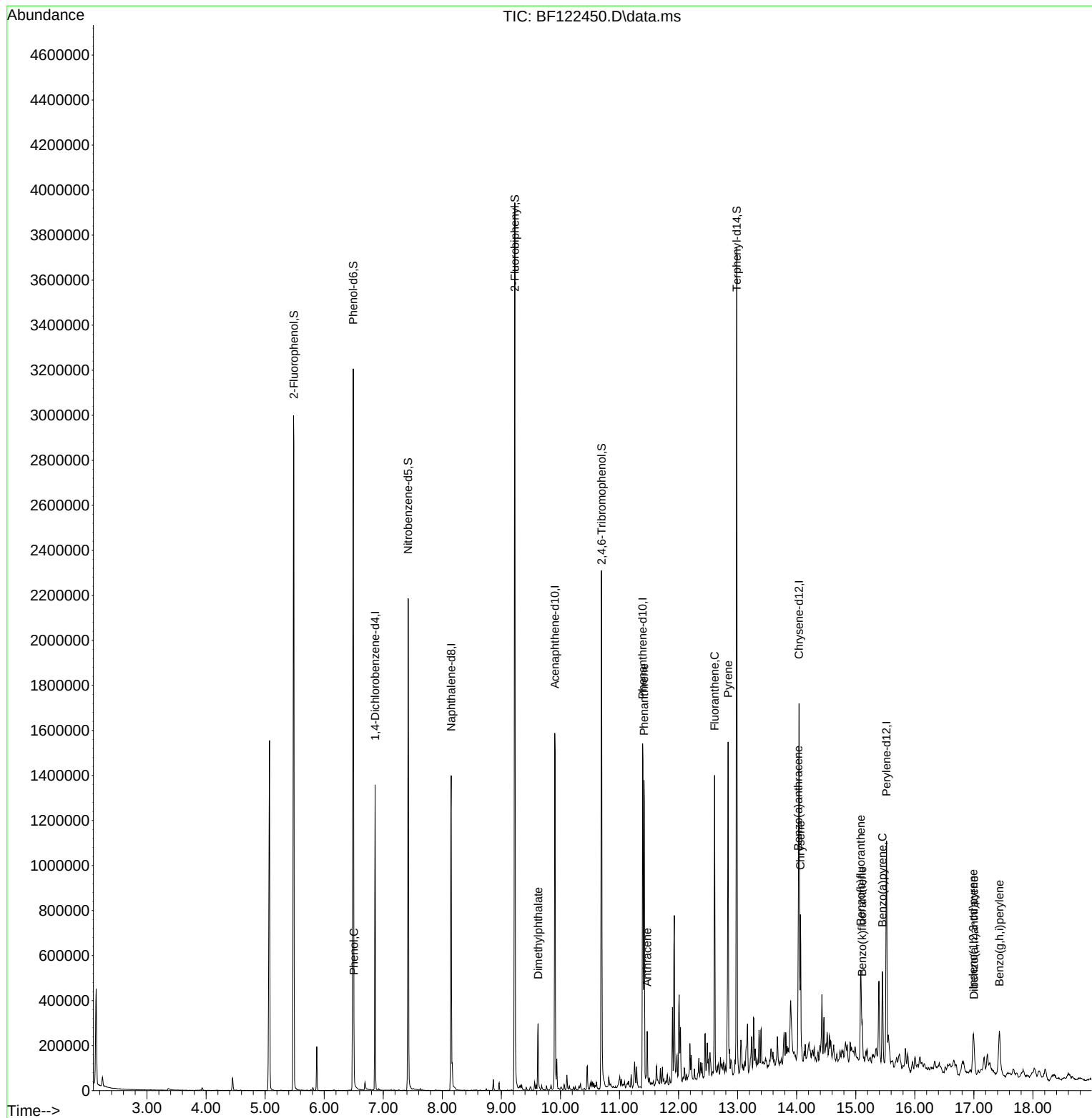
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Data File : BF122450.D
Acq On : 23 Nov 2020 16:46
Operator : JU/CG
Sample : L4836-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

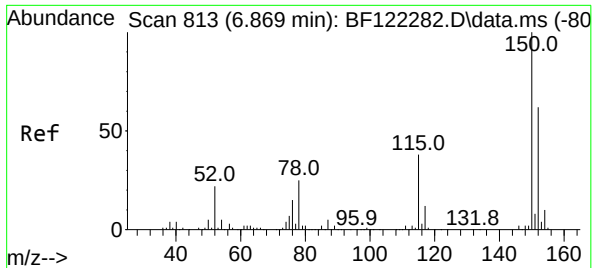
Instrument :
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ClientSampleId :
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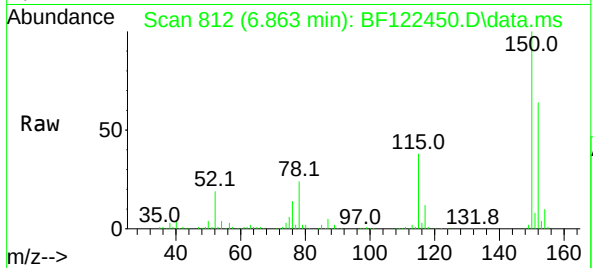
Quant Time: Nov 23 18:00:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 20 13:27:02 2020
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

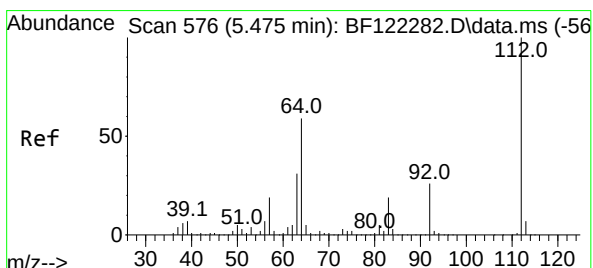
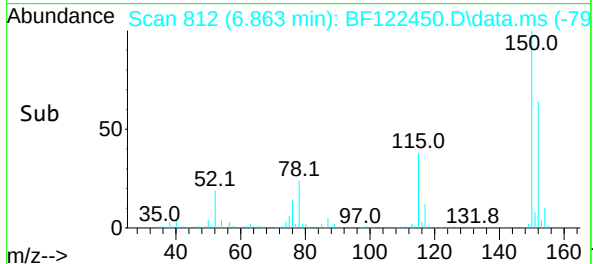
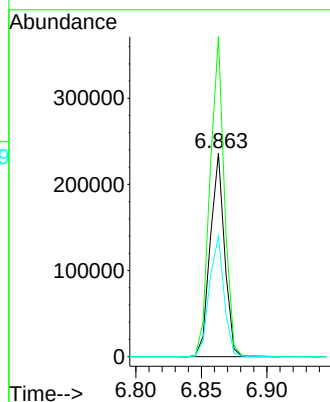
Instrument :
BNA_F
ClientSampled :
SB-04



Tgt Ion:152 Resp: 179999
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 59.2 51.9 77.9

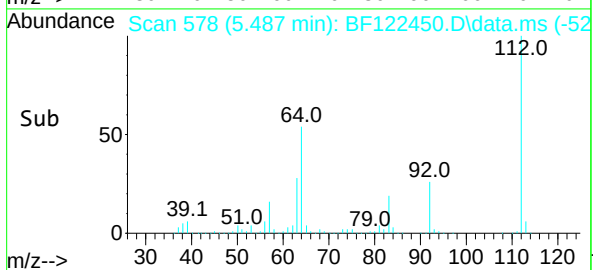
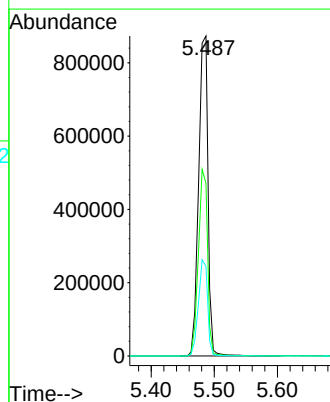
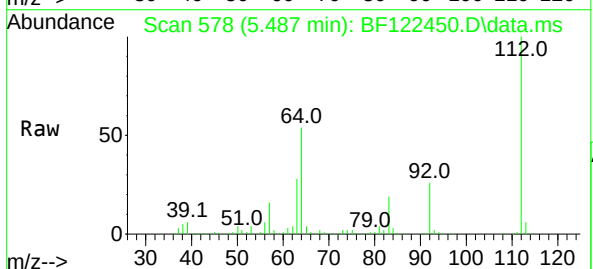
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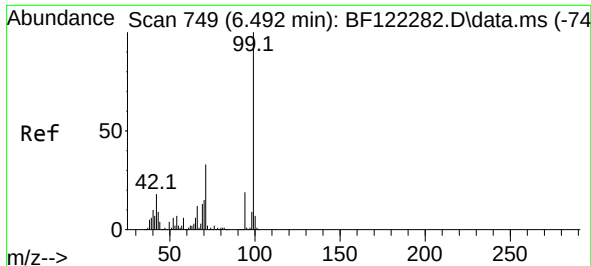
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#5
2-Fluorophenol
Concen: 76.73 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

Tgt Ion:112 Resp: 899436
Ion Ratio Lower Upper
112 100
64 53.9 50.4 75.6
63 28.1 25.8 38.6





#7
Phenol-d6
Concen: 73.06 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.018 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

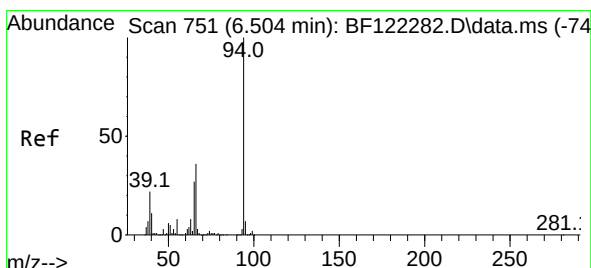
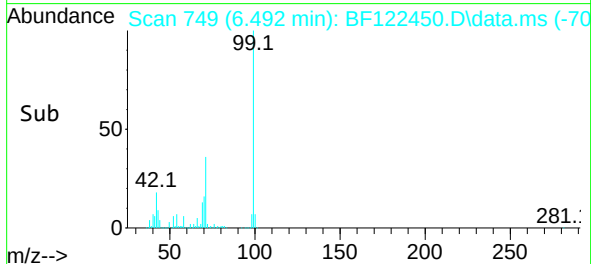
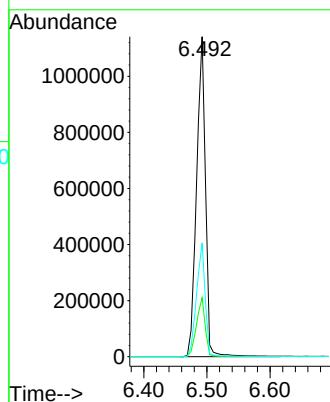
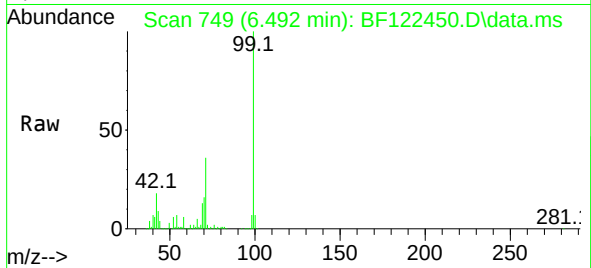
Tgt Ion: 99 Resp: 1120453

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.9	23.9
71	35.6	27.1	40.7

Instrument :
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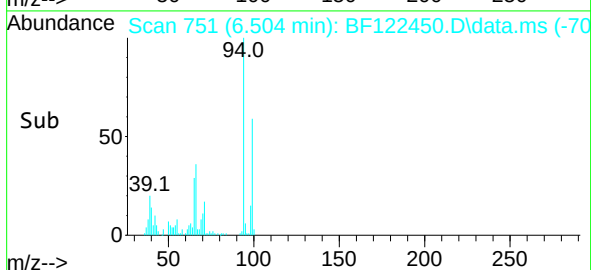
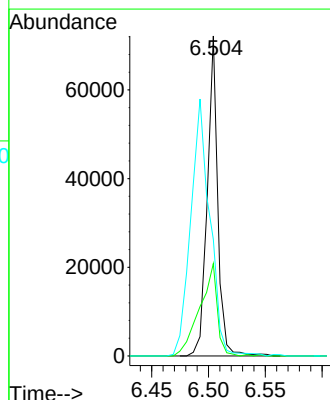
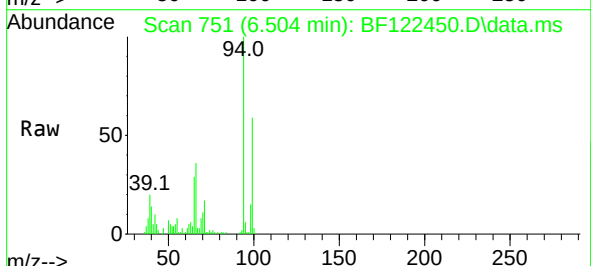
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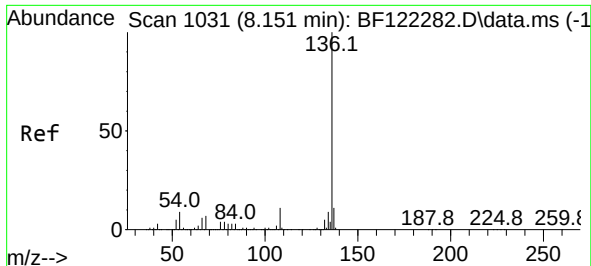


#10
Phenol
Concen: 3.08 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

Tgt Ion: 94 Resp: 46441

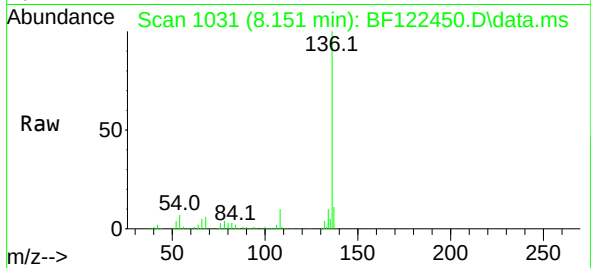
Ion	Ratio	Lower	Upper
94	100		
65	28.9	17.1	57.1
66	36.5	36.0	76.0





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

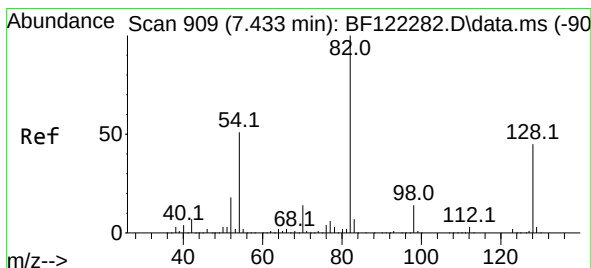
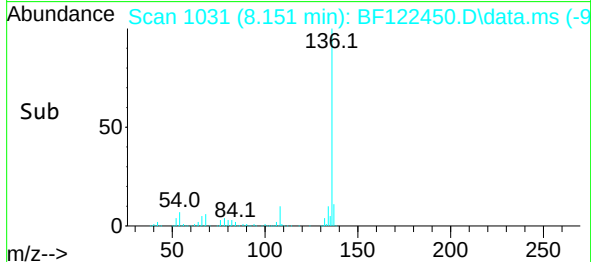
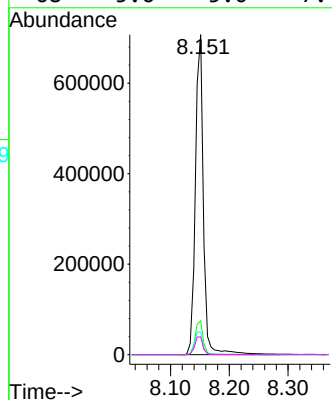
Instrument :
BNA_F
ClientSampled :
SB-04



Tgt Ion:136 Resp: 671290
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.1 7.1 10.7#
68 5.6 5.0 7.4

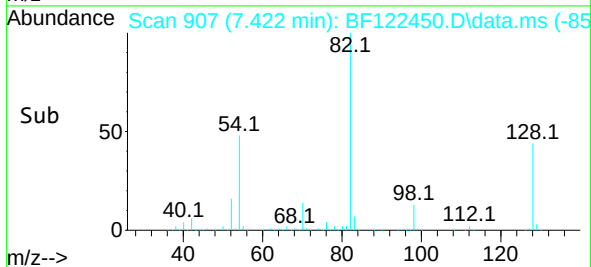
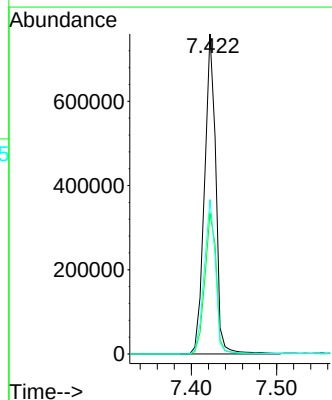
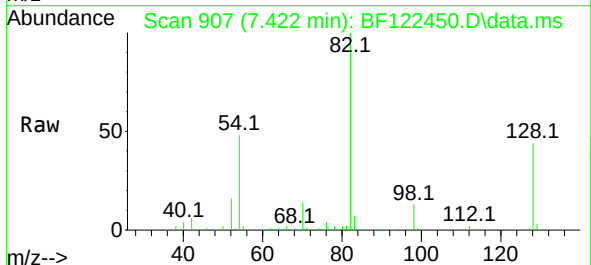
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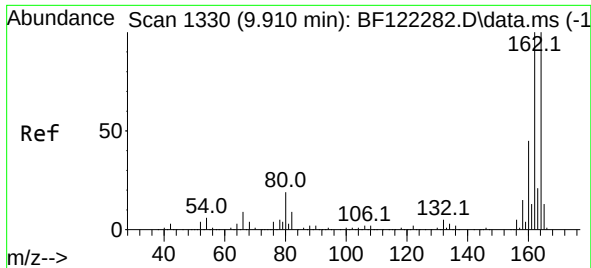
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#23
Nitrobenzene-d5
Concen: 63.72 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

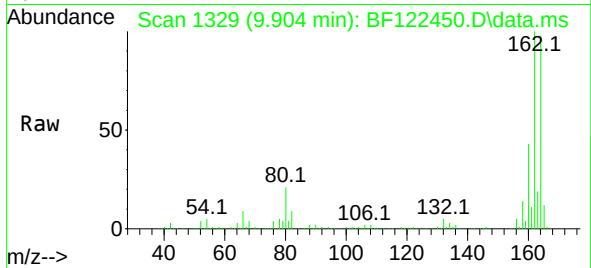
Tgt Ion: 82 Resp: 698681
Ion Ratio Lower Upper
82 100
128 43.9 35.0 52.4
54 48.2 43.9 65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

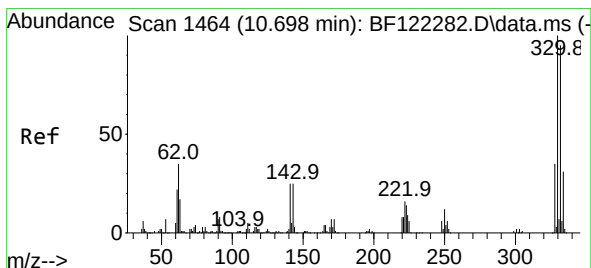
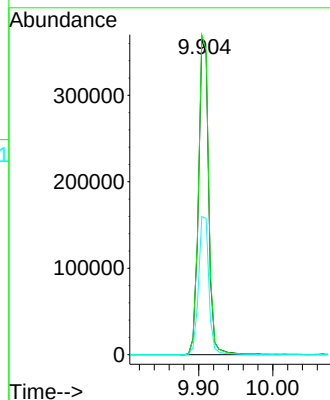
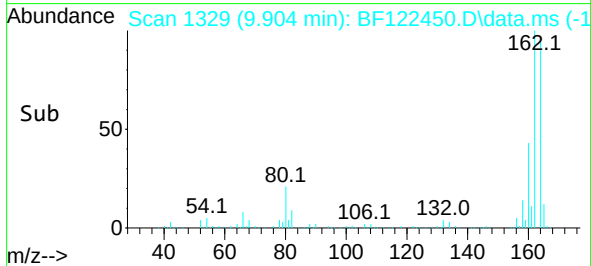
Instrument :
BNA_F
ClientSampled :
SB-04



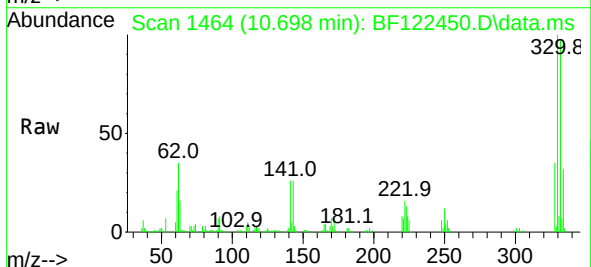
Tgt Ion:164 Resp: 347990
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 43.8 37.5 56.3

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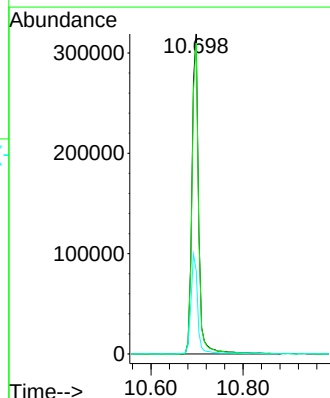
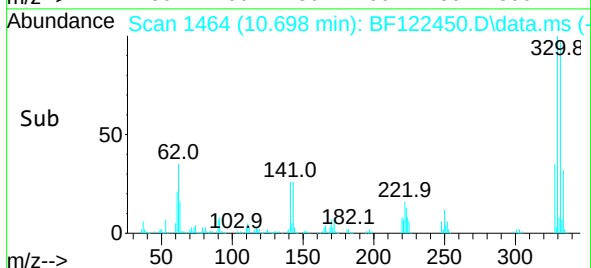
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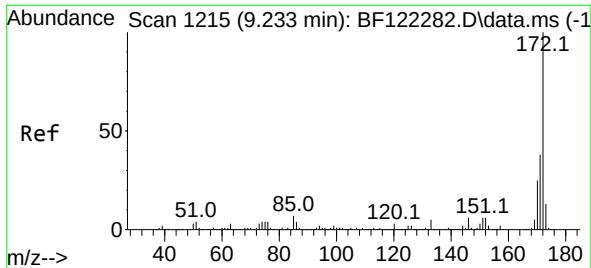


#42
2,4,6-Tribromophenol
Concen: 85.61 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



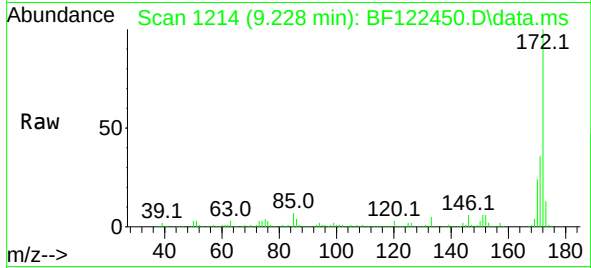
Tgt Ion:330 Resp: 319754
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 32.0 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 54.16 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

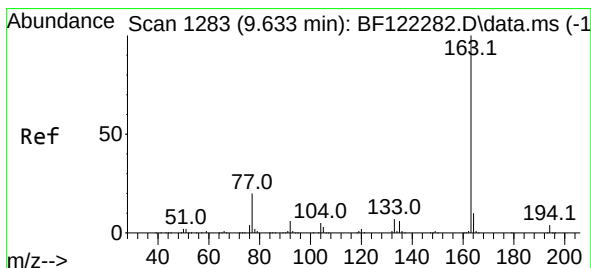
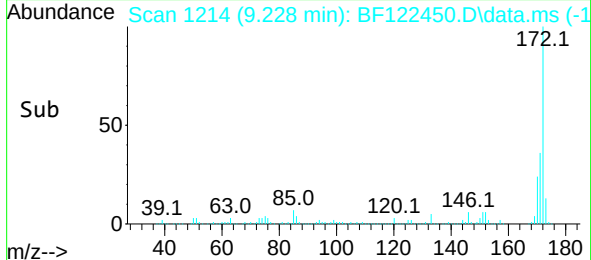
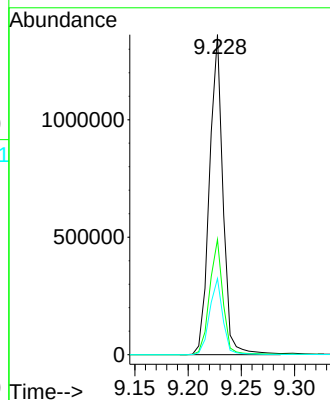
Instrument :
BNA_F
ClientSampled :
SB-04



Tgt Ion:172 Resp: 1206303
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 23.8 19.8 29.6

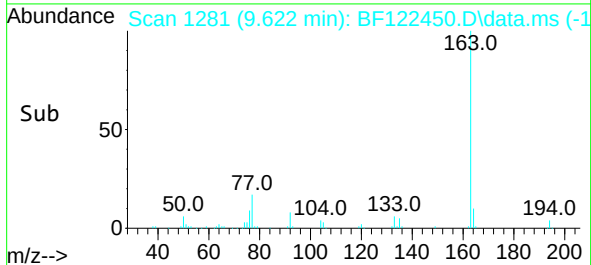
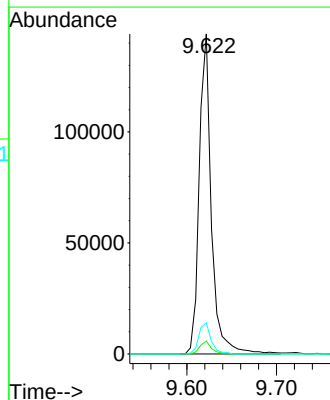
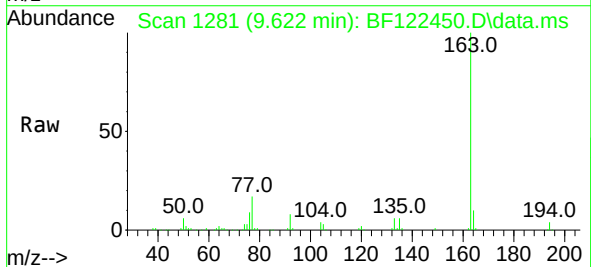
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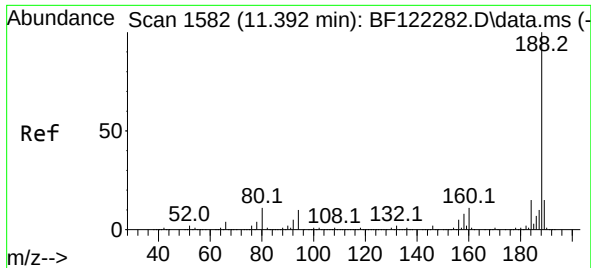
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#50
Dimethylphthalate
Concen: 5.48 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

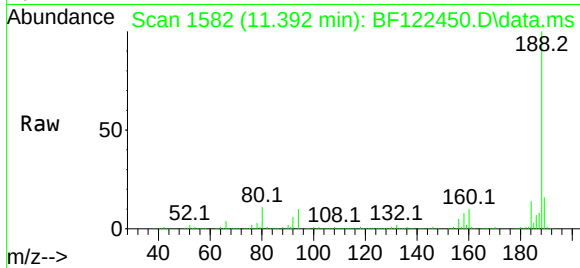
Tgt Ion:163 Resp: 135488
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.7 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

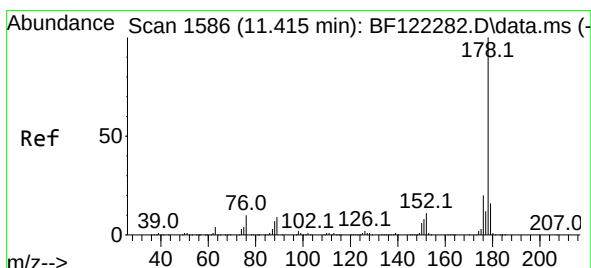
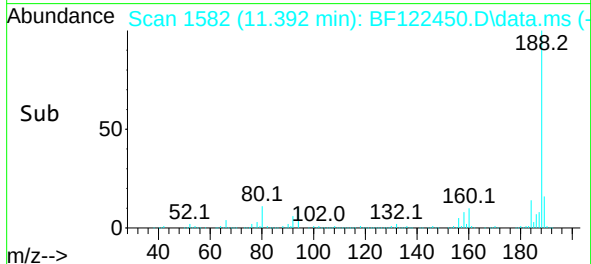
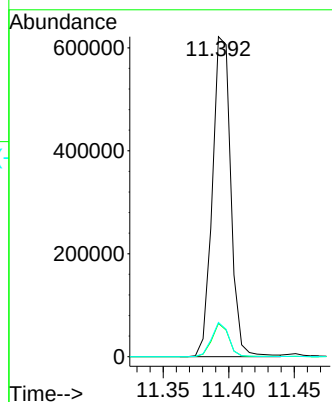
Instrument :
BNA_F
ClientSampled :
SB-04



Tgt Ion:188 Resp: 606550
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 10.7 9.1 13.7

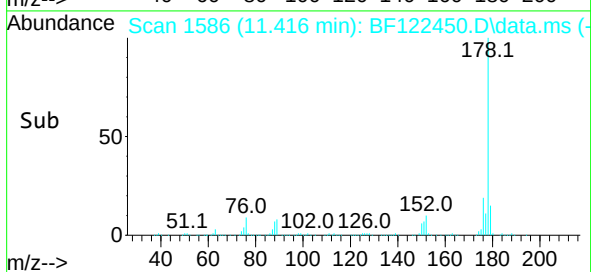
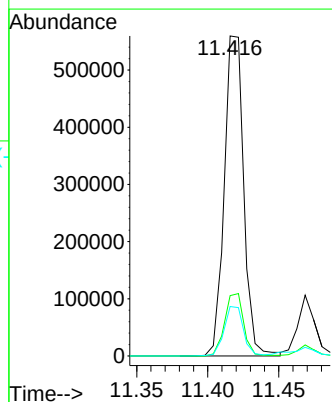
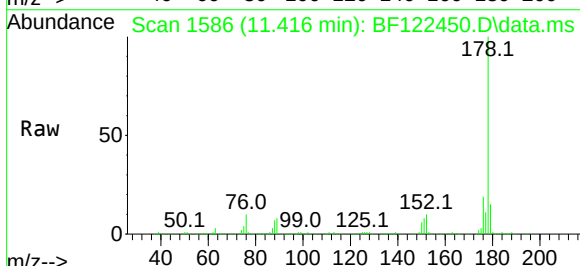
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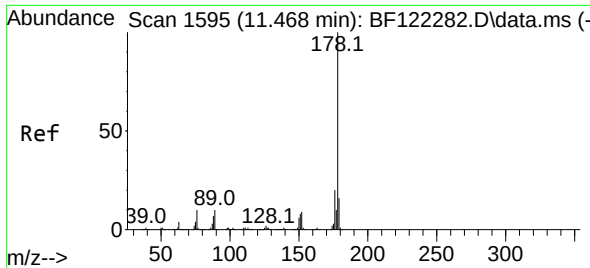
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#71
Phenanthrene
Concen: 15.51 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

Tgt Ion:178 Resp: 533733
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 15.5 12.2 18.4





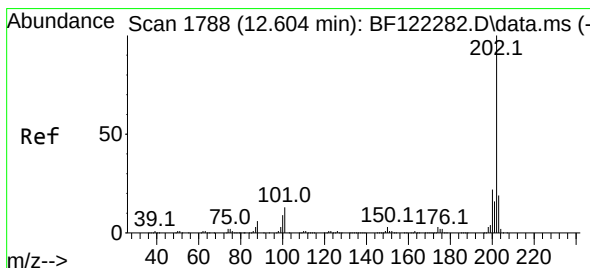
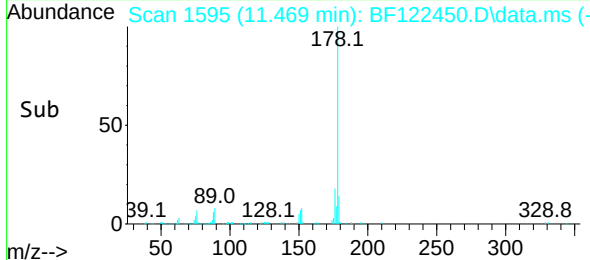
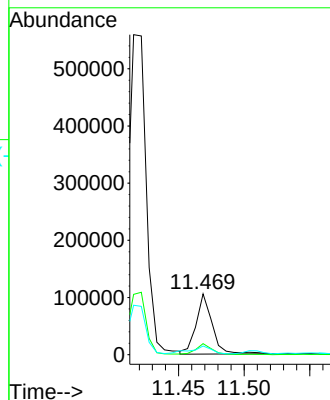
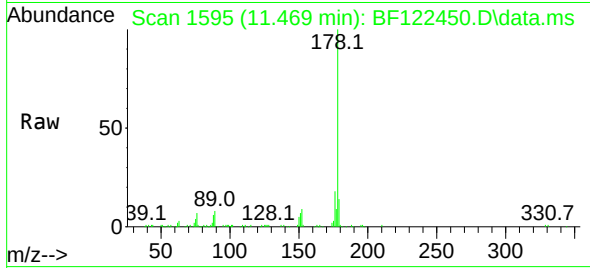
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 Anthracene
 Concen: 2.54 ng
 RT: 11.469 min Scan# 1595
 Delta R.T. -0.012 min
 Lab File: BF122450.D
 Acq: 23 Nov 2020 16:46

Tgt Ion:178 Resp: 90031
 Ion Ratio Lower Upper
 178 100
 176 18.1 15.7 23.5
 179 14.1 12.7 19.1

Instrument :
 BNA_F
 ClientSampled :
 SB-04

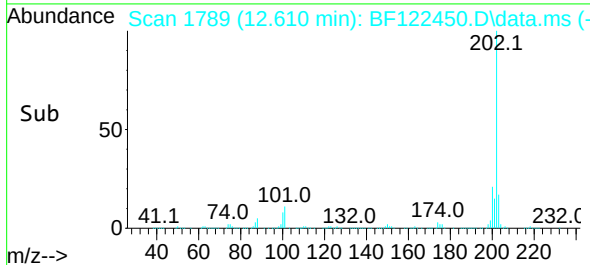
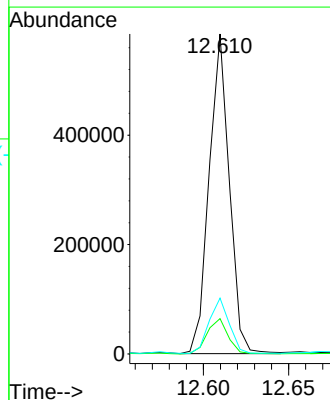
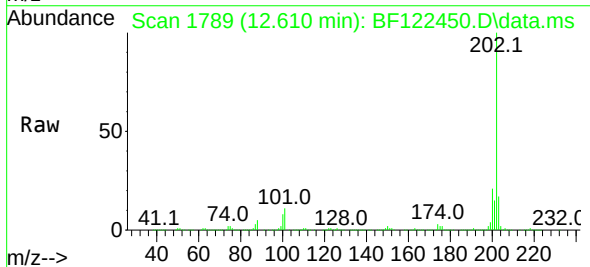
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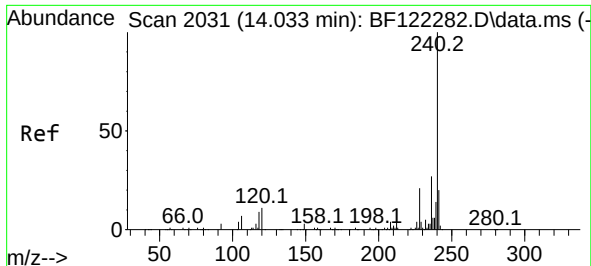
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#75
 Fluoranthene
 Concen: 13.42 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. -0.012 min
 Lab File: BF122450.D
 Acq: 23 Nov 2020 16:46

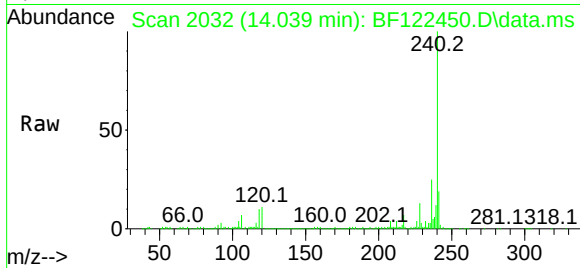
Tgt Ion:202 Resp: 481998
 Ion Ratio Lower Upper
 202 100
 101 11.1 0.0 33.4
 203 17.5 0.0 37.9





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

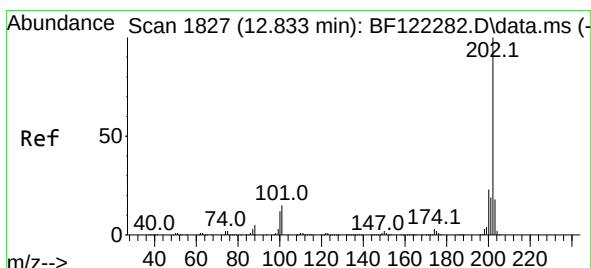
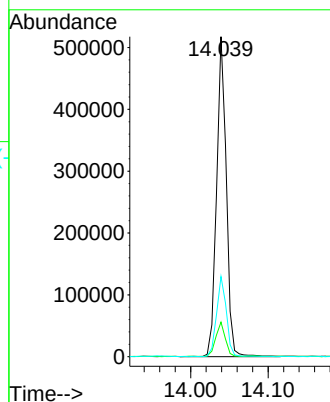
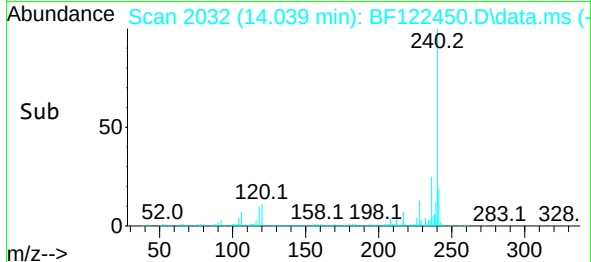
Instrument :
BNA_F
ClientSampled :
SB-04



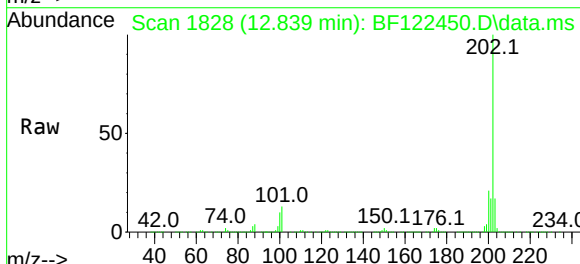
Tgt Ion:240 Resp: 450912
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 25.0 20.9 31.3

Manual Integrations
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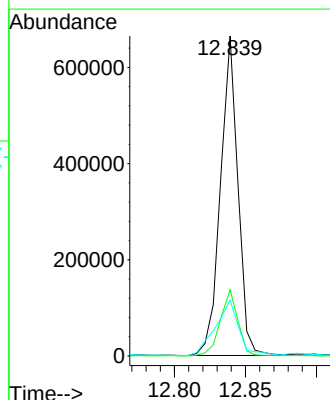
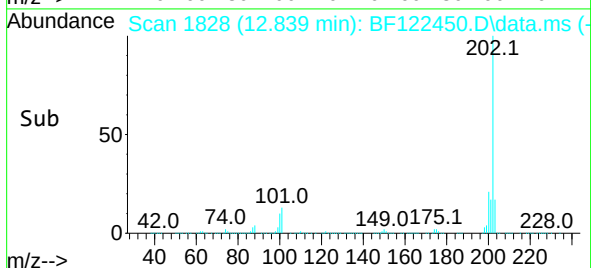
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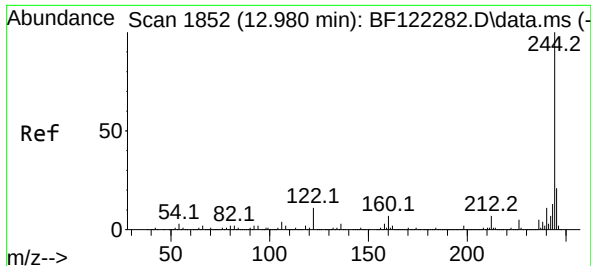


#78
Pyrene
Concen: 17.96 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

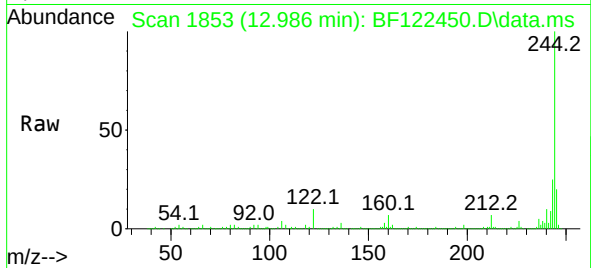


Tgt Ion:202 Resp: 569095
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 17.5 14.6 21.8

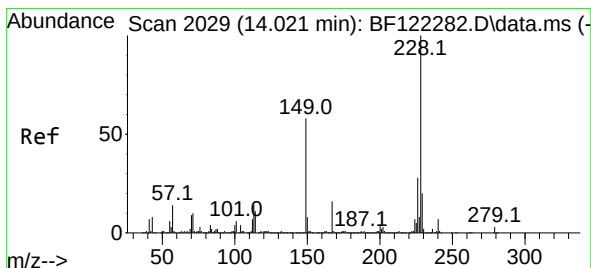
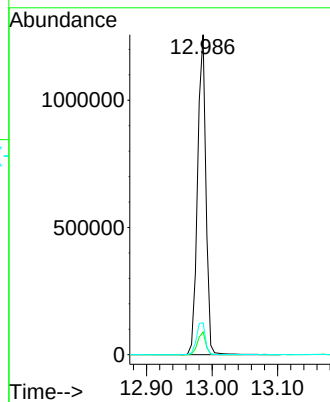
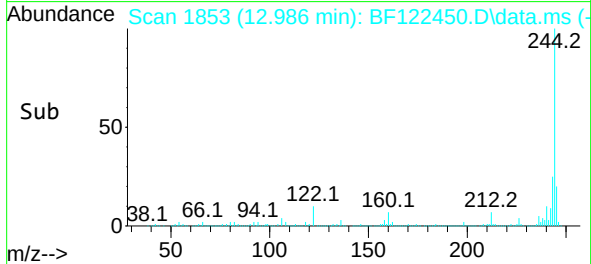




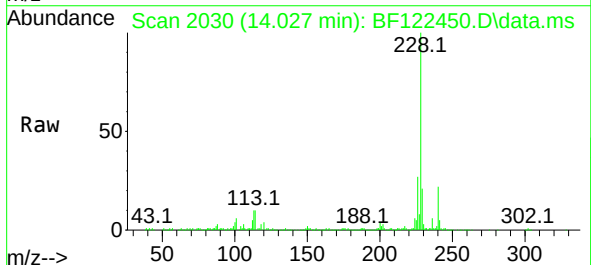
#79
Terphenyl-d14
Concen: 52.37 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



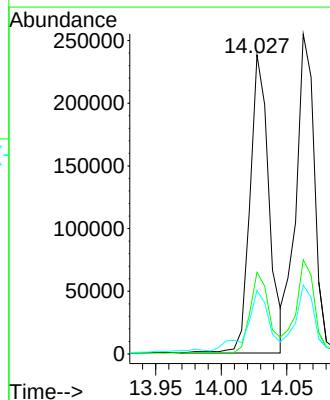
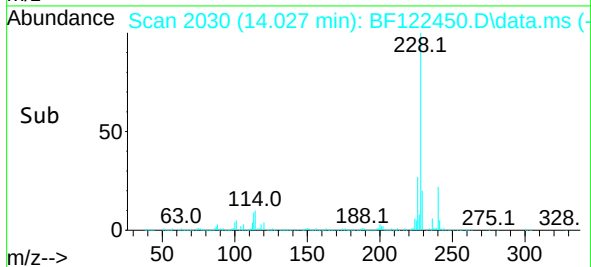
Tgt Ion:244 Resp: 1114651
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.0 8.1 12.1



#81
Benzo(a)anthracene
Concen: 8.54 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



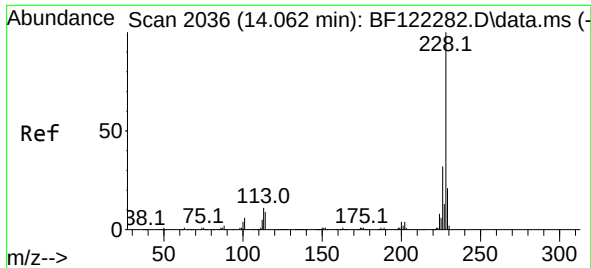
Tgt Ion:228 Resp: 239473
Ion Ratio Lower Upper
228 100
226 27.3 22.3 33.5
229 21.2 16.2 24.4



Instrument :
BNA_F
ClientSampleId :
SB-04

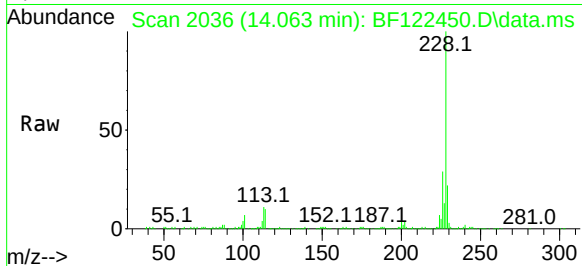
Manual Integrations
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#83
Chrysene
Concen: 8.93 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.018 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

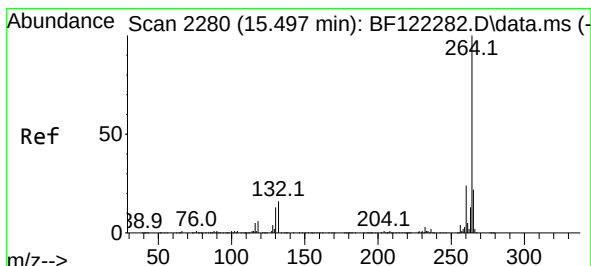
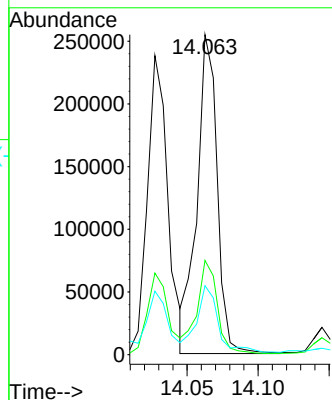
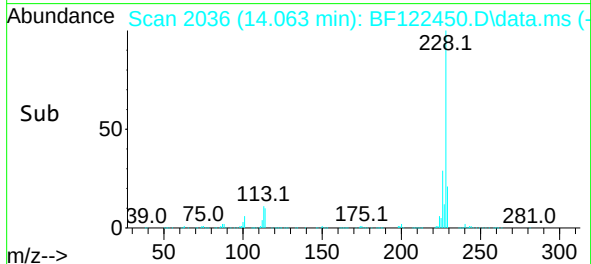
Instrument :
BNA_F
ClientSampled :
SB-04



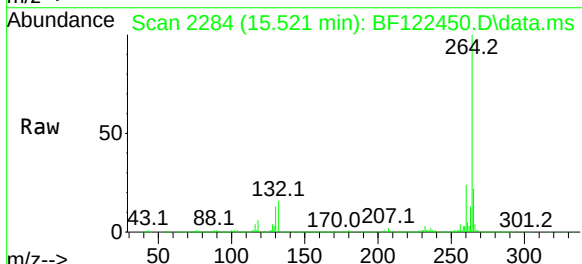
Tgt Ion:228 Resp: 252221
Ion Ratio Lower Upper
228 100
226 29.5 24.6 37.0
229 21.6 15.9 23.9

Manual Integrations
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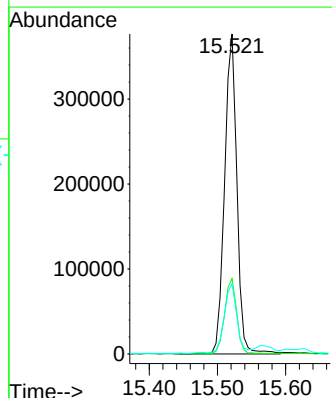
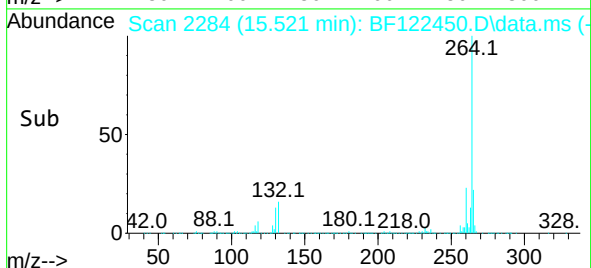
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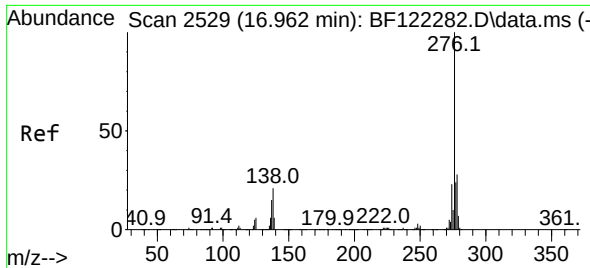


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



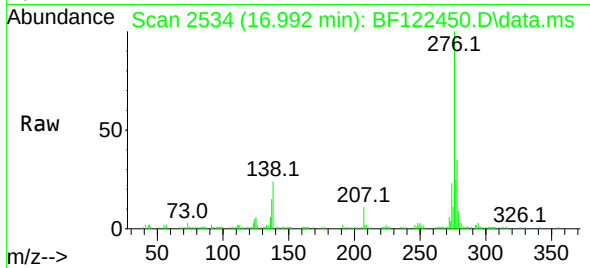
Tgt Ion:264 Resp: 472868
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 21.9 17.3 25.9





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.36 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.029 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

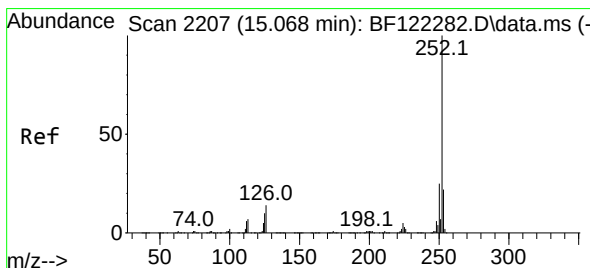
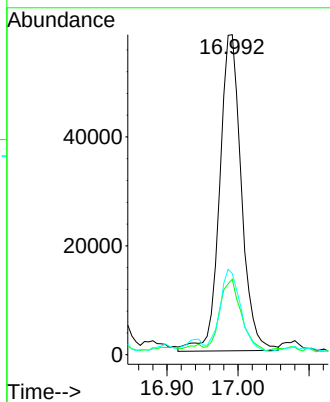
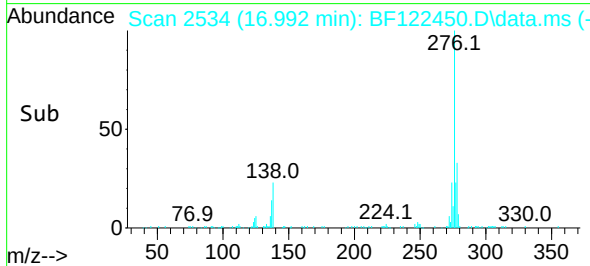
Instrument :
BNA_F
ClientSampled :
SB-04



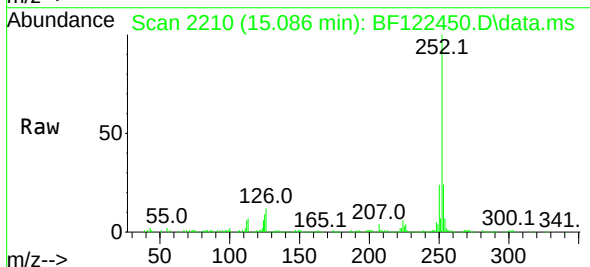
Tgt Ion:276 Resp: 123775
Ion Ratio Lower Upper
276 100
138 22.6 19.9 29.9
277 24.5 20.4 30.6

Manual Integrations
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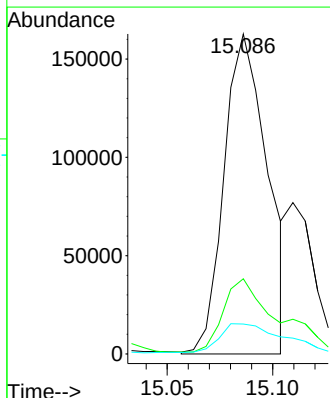
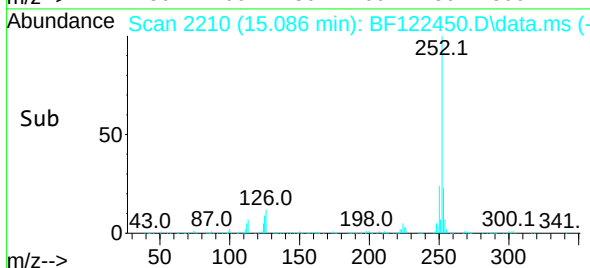
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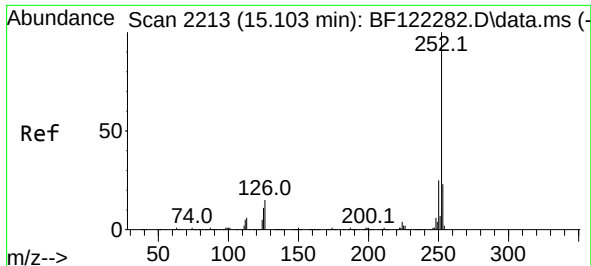


#88
Benzo(b)fluoranthene
Concen: 7.64 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.012 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



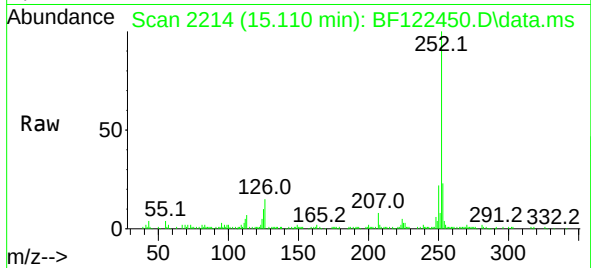
Tgt Ion:252 Resp: 234073
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.2
125 9.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 2.31 ng m
RT: 15.110 min Scan# 2214
Delta R.T. -0.024 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

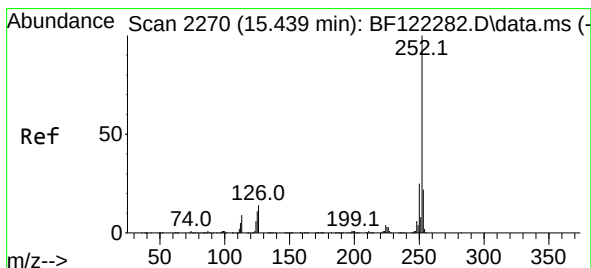
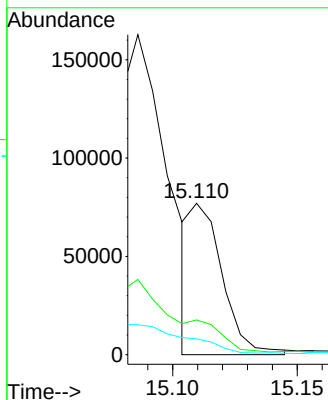
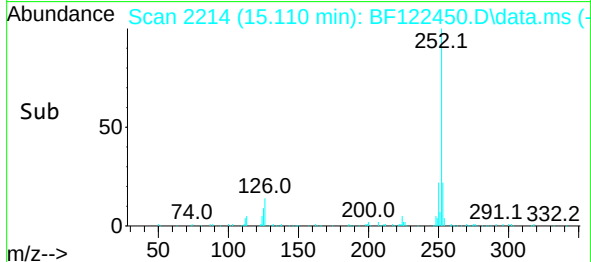
Instrument :
BNA_F
ClientSampled :
SB-04



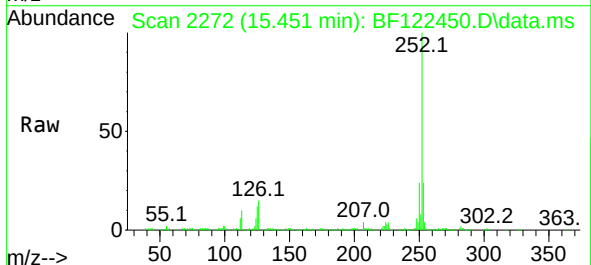
Tgt Ion:252 Resp: 69012
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 10.4 7.7 11.5

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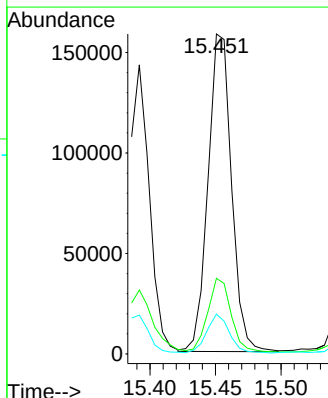
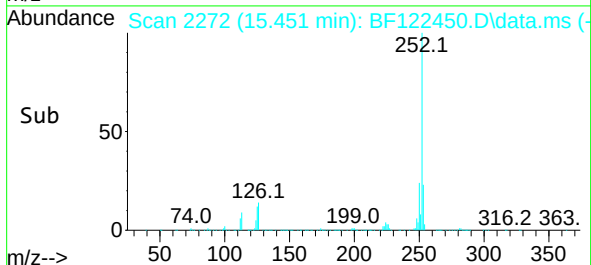
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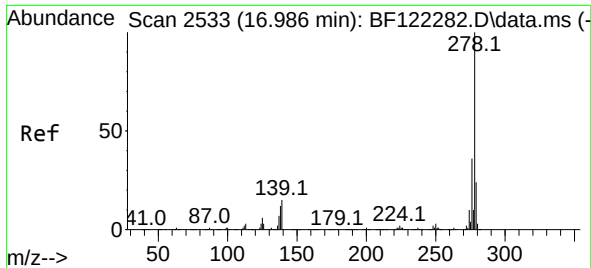


#90
Benzo(a)pyrene
Concen: 7.38 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.024 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46



Tgt Ion:252 Resp: 197017
Ion Ratio Lower Upper
252 100
253 23.6 17.3 25.9
125 12.4 8.6 13.0





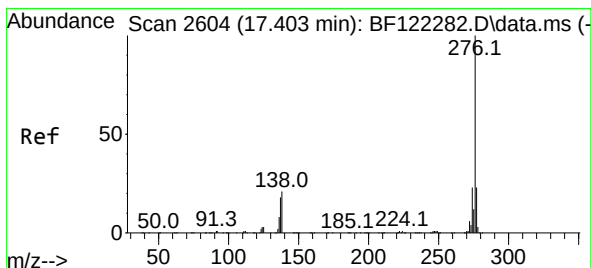
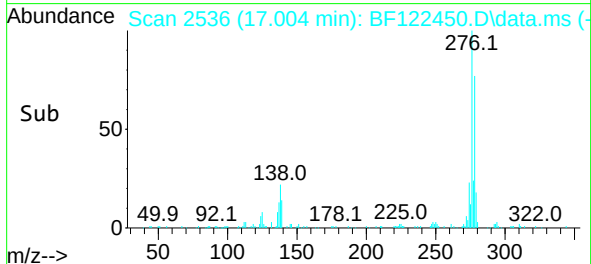
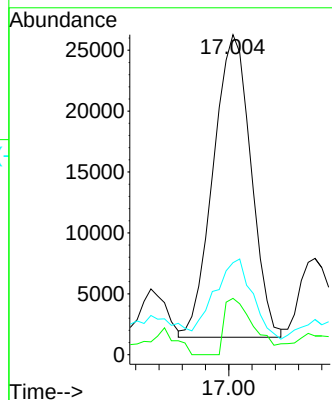
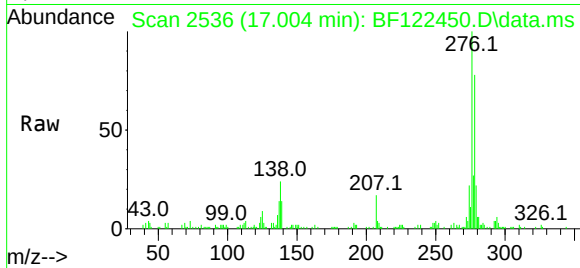
#91
Dibenzo(a,h)anthracene
Concen: 2.36 ng m
RT: 17.004 min Scan# 2536
Delta R.T. -0.035 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

Tgt Ion: 278 Resp: 55978
Ion Ratio Lower Upper
278 100
139 17.6 13.0 19.4
279 28.8 19.0 28.4#

Instrument :
BNA_F
ClientSampled :
SB-04

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 6.57 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.035 min
Lab File: BF122450.D
Acq: 23 Nov 2020 16:46

Tgt Ion: 276 Resp: 151795
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.2
138 20.6 17.8 26.6

