

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
 Data File : BF122272.D
 Acq On : 4 Nov 2020 19:46
 Operator : JU/CG
 Sample : L4621-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B8-110320-0-10

Manual Integrations
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Quant Time: Nov 05 00:22:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	87565	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	347608	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	165187	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	265105	20.00	ng	0.00
76) Chrysene-d12	13.886	240	213608	20.00	ng	0.00
86) Perylene-d12	15.327	264	188404	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	565257	95.27	ng	0.00
7) Phenol-d6	6.369	99	711321	93.14	ng	0.00
23) Nitrobenzene-d5	7.281	82	468371	69.10	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	162291	79.42	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	771663	68.73	ng	0.00
79) Terphenyl-d14	12.816	244	613391	54.73	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.392	94	26853	3.41	ng	# 73
50) Dimethylphthalate	9.469	163	119898	9.93	ng	100
71) Phenanthrene	11.257	178	186840	12.85	ng	99
72) Anthracene	11.316	178	58500	3.88	ng	99
75) Fluoranthene	12.451	202	262511	16.84	ng	98
78) Pyrene	12.680	202	378120	23.23	ng	99
81) Benzo(a)anthracene	13.874	228	228824	16.35	ng	99
83) Chrysene	13.910	228	200713	14.61	ng	98
87) Indeno(1,2,3-cd)pyrene	16.768	276	74961	6.13	ng	95
88) Benzo(b)fluoranthene	14.921	252	192476m	15.11	ng	
89) Benzo(k)fluoranthene	14.945	252	71811m	5.94	ng	
90) Benzo(a)pyrene	15.274	252	179627	16.33	ng	99
91) Dibenzo(a,h)anthracene	16.751	278	23250	2.31	ng	# 86
92) Benzo(g,h,i)perylene	17.198	276	81518	8.09	ng	99

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

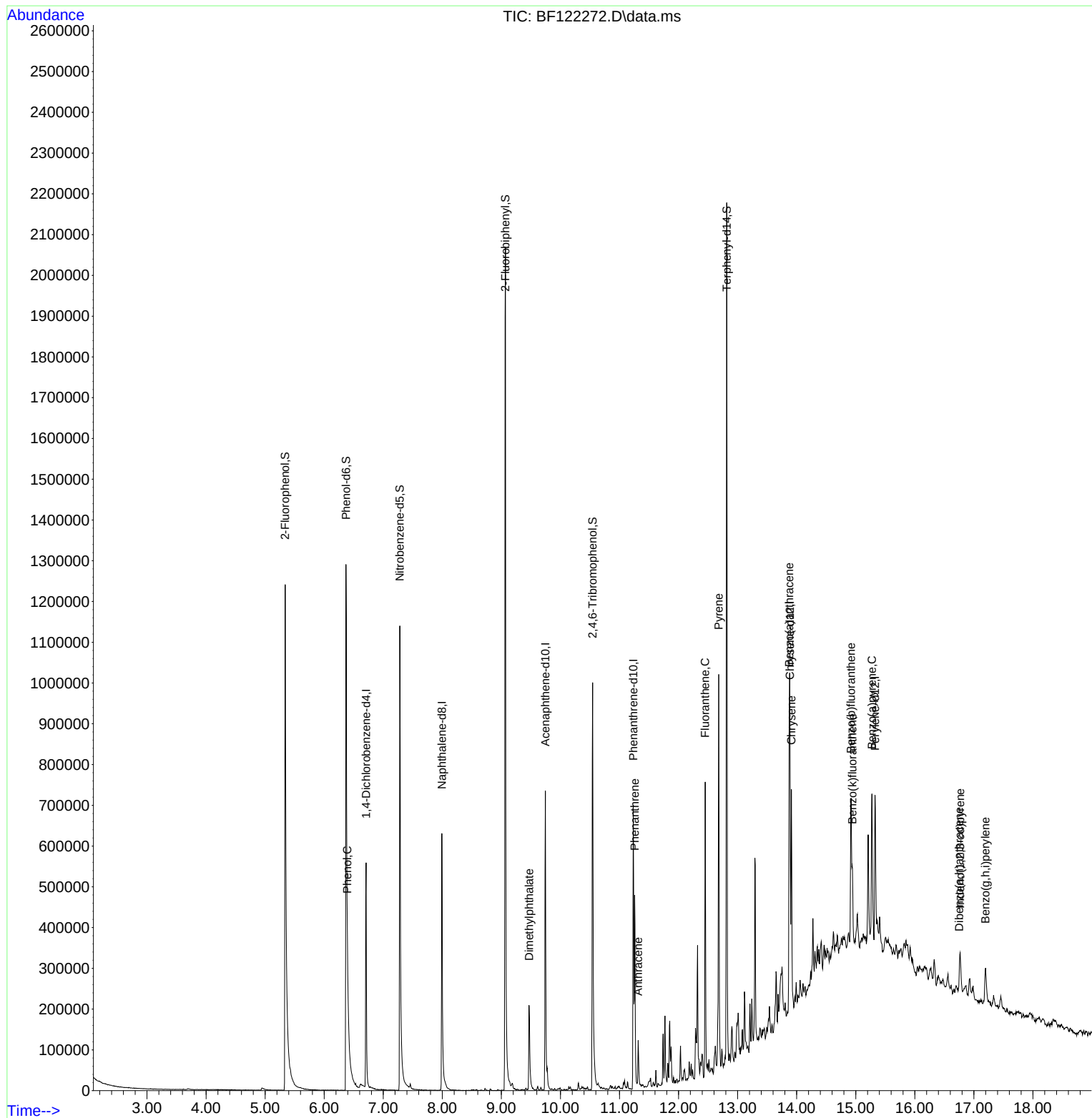
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110420\
Data File : BF122272.D
Acq On : 4 Nov 2020 19:46
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ALS Vial : 17 Sample Multiplier: 1

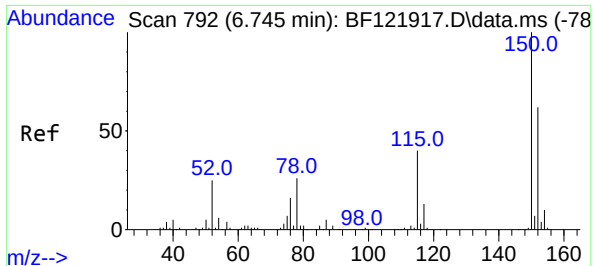
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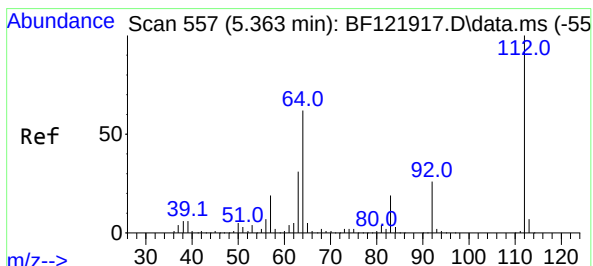
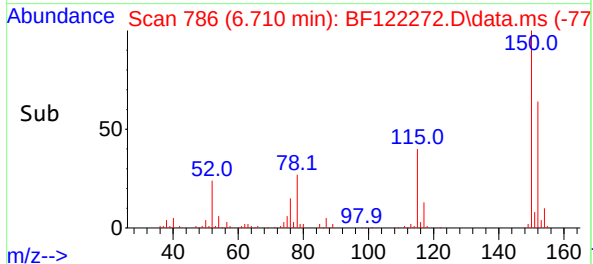
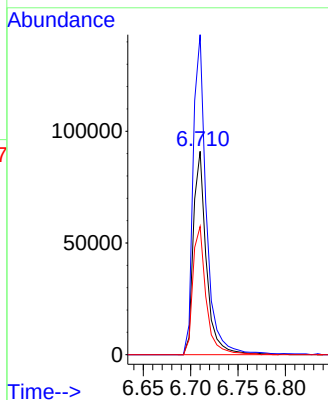
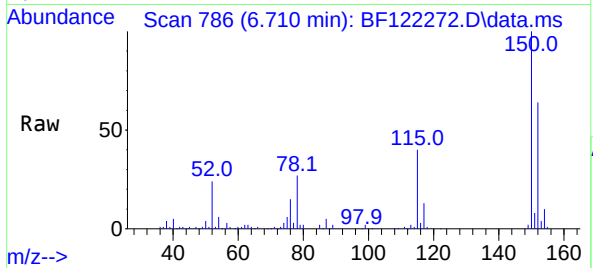
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122272.D
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Tgt Ion:152 Resp: 87565
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 63.0 51.9 77.9

Instrument :
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ClientSampleId :
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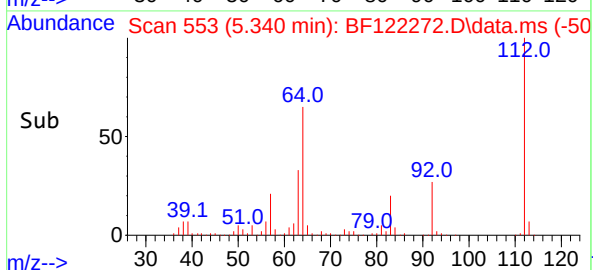
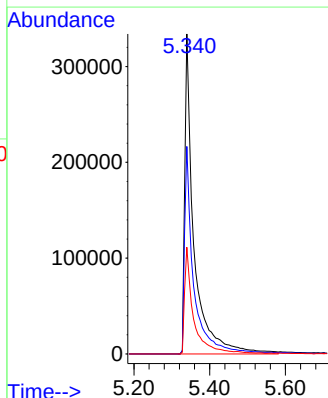
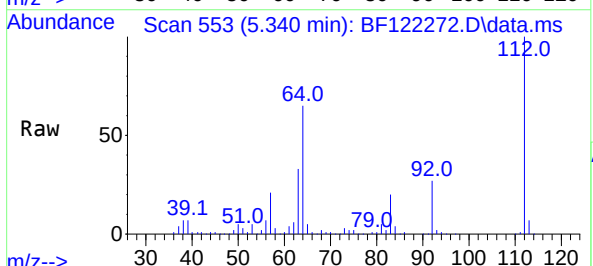
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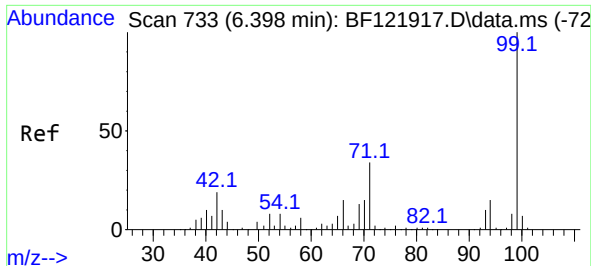
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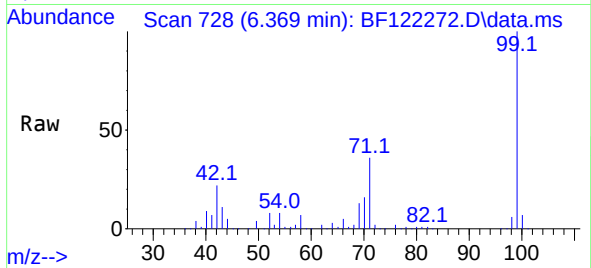
#5
2-Fluorophenol
Concen: 95.27 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

Tgt Ion:112 Resp: 565257
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.3 25.8 38.6

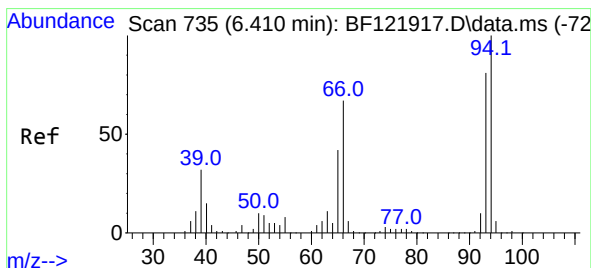
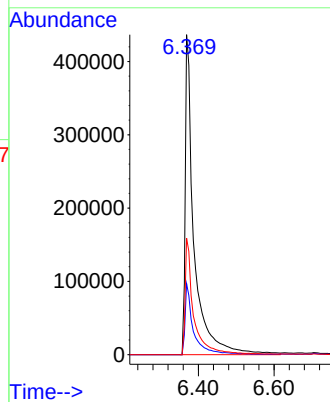
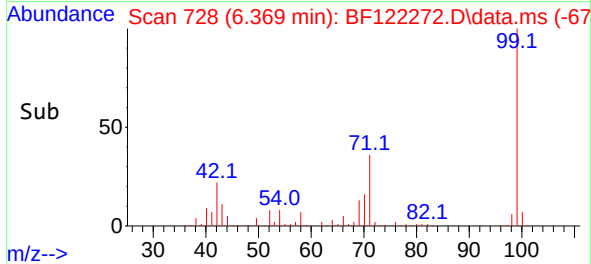




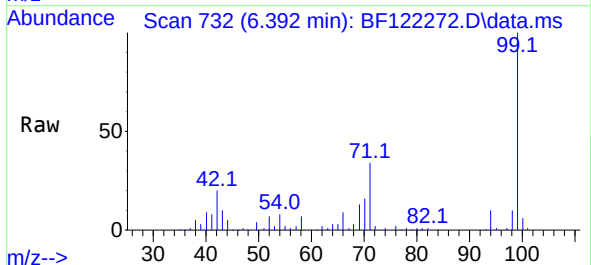
#7
Phenol-d6
Concen: 93.14 ng
RT: 6.369 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



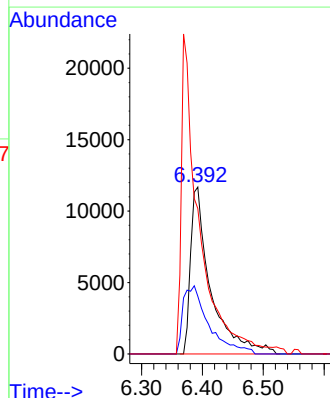
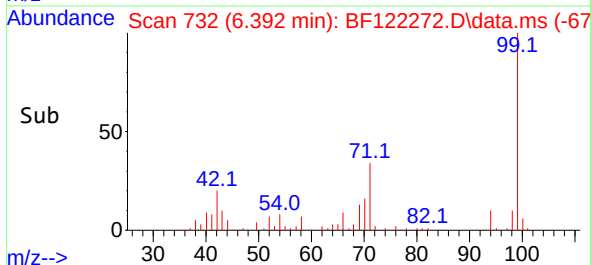
Tgt Ion: 99 Resp: 711321
Ion Ratio Lower Upper
99 100
42 22.2 15.9 23.9
71 36.4 27.1 40.7



#10
Phenol
Concen: 3.41 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.011 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



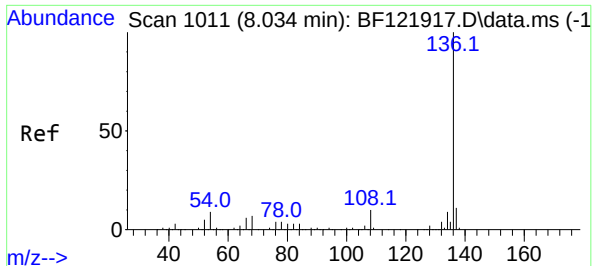
Tgt Ion: 94 Resp: 26853
Ion Ratio Lower Upper
94 100
65 34.6 17.1 57.1
66 87.1 36.0 76.0#



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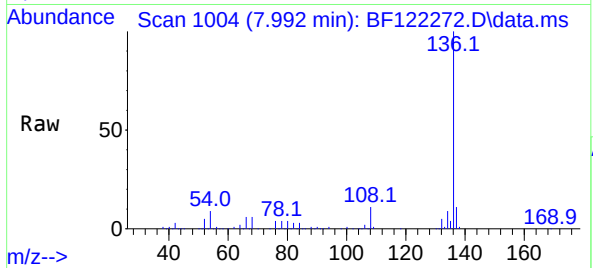
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

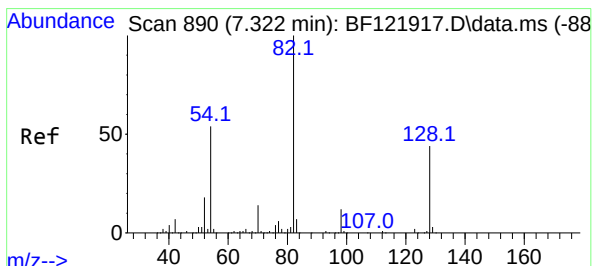
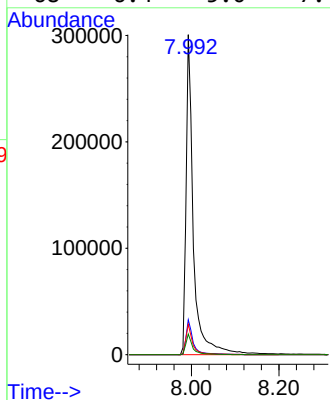
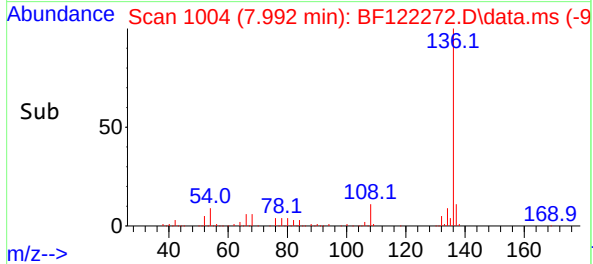
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10



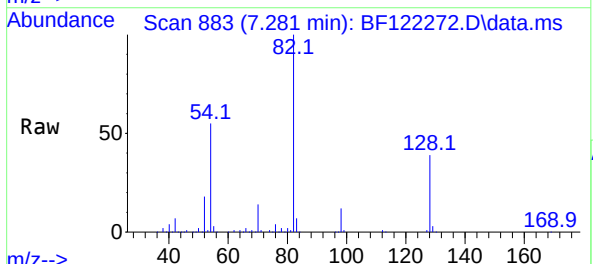
Tgt Ion:136 Resp: 347608
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.4 7.1 10.7
68 6.4 5.0 7.4

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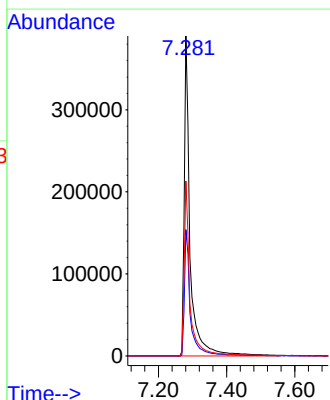
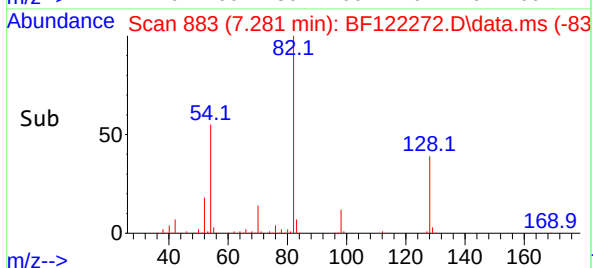
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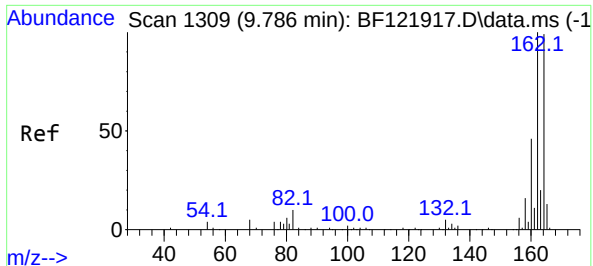


#23
Nitrobenzene-d5
Concen: 69.10 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



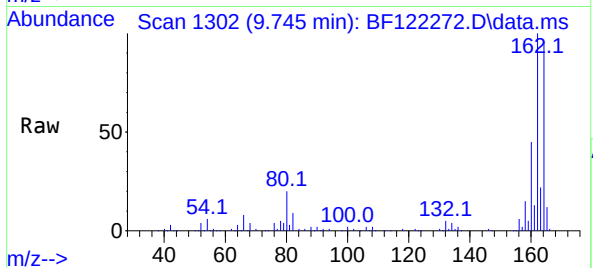
Tgt Ion: 82 Resp: 468371
Ion Ratio Lower Upper
82 100
128 39.5 35.0 52.4
54 54.7 43.9 65.9





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

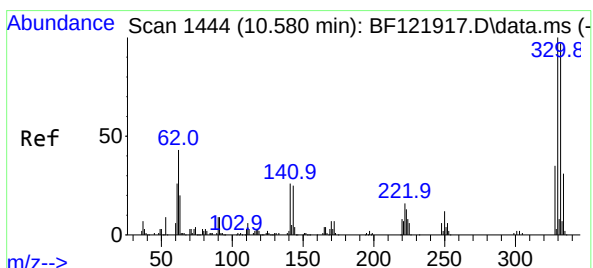
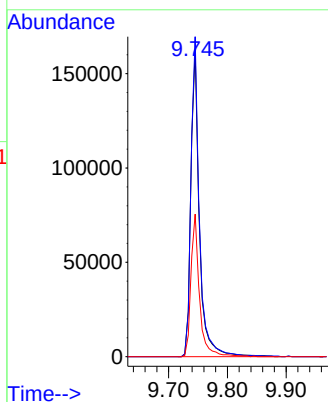
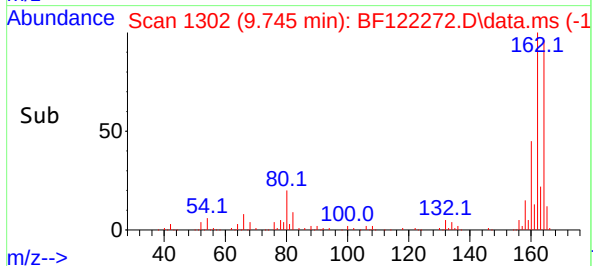
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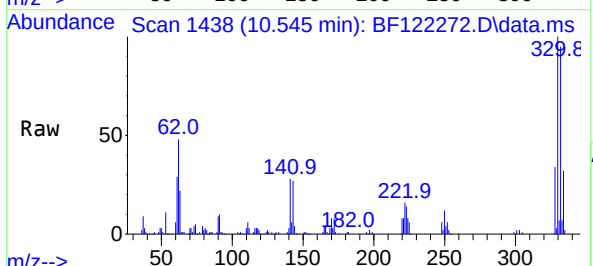
Tgt Ion:164 Resp: 165187
Ion Ratio Lower Upper
164 100
162 104.4 83.2 124.8
160 46.5 37.5 56.3

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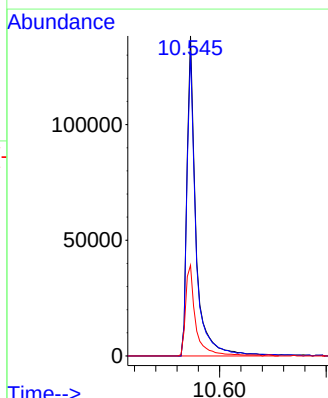
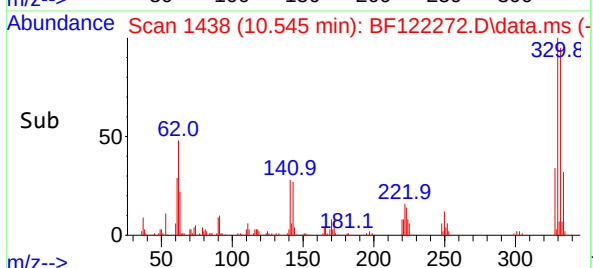
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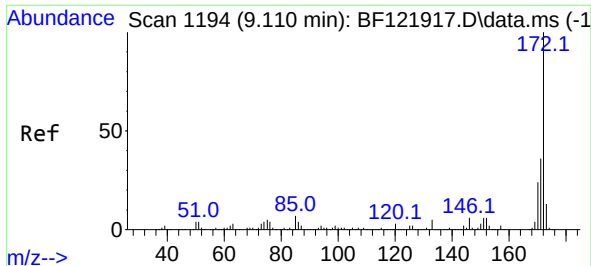


#42
2,4,6-Tribromophenol
Concen: 79.42 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



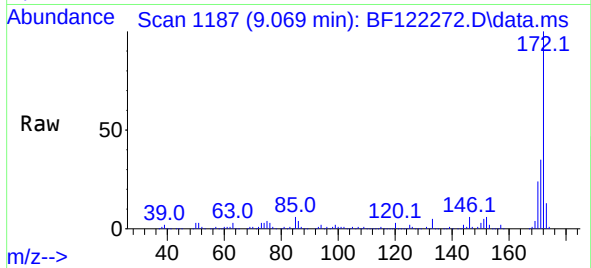
Tgt Ion:330 Resp: 162291
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 31.9 22.3 33.5





#45
2-Fluorobiphenyl
Concen: 68.73 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

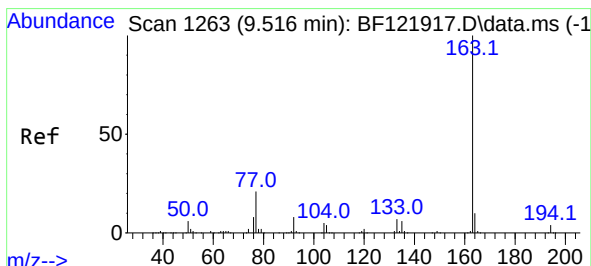
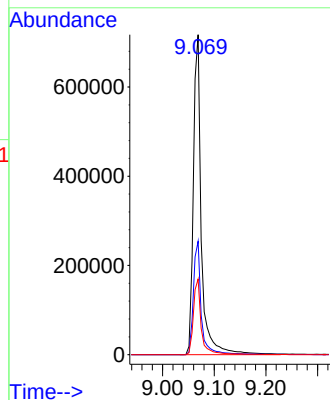
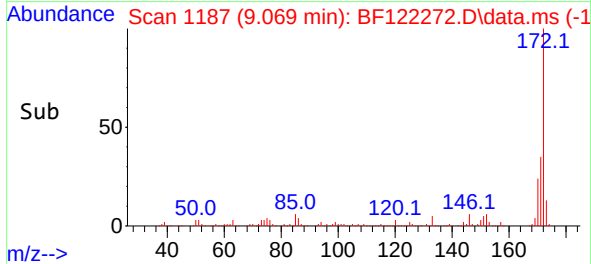
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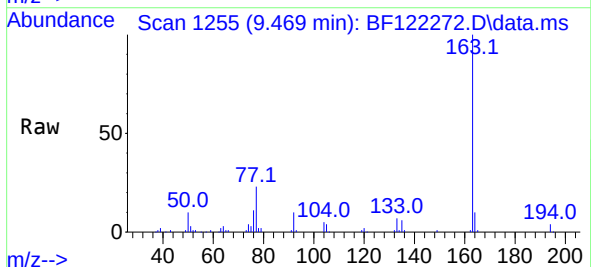
Tgt Ion:172 Resp: 771663
Ion Ratio Lower Upper
172 100
171 35.5 29.1 43.7
170 23.7 19.8 29.6

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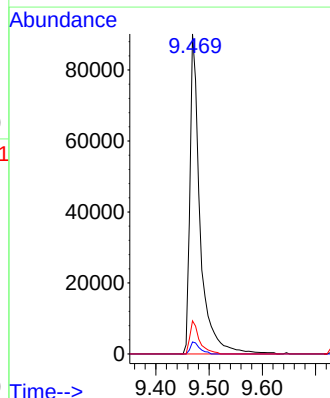
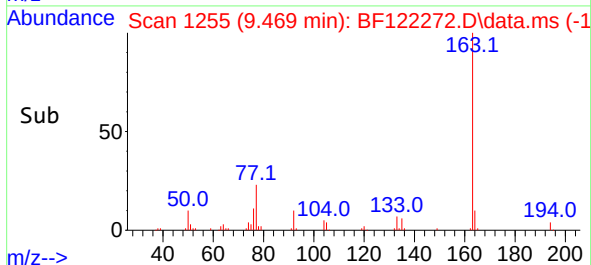
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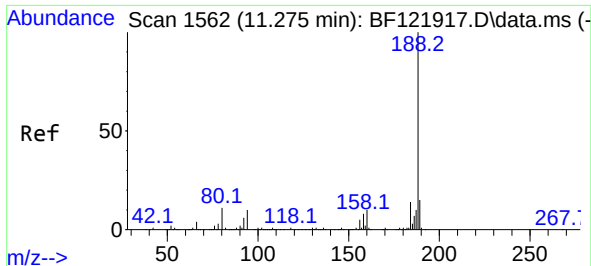


#50
Dimethylphthalate
Concen: 9.93 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



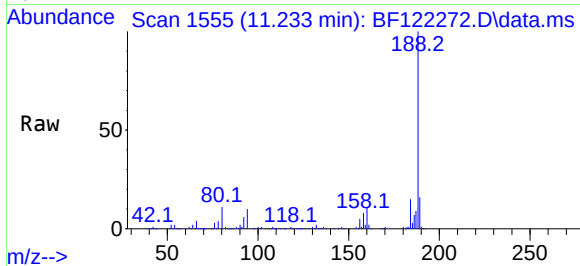
Tgt Ion:163 Resp: 119898
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.4 8.2 12.4





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

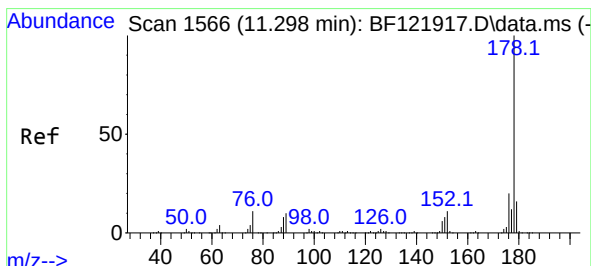
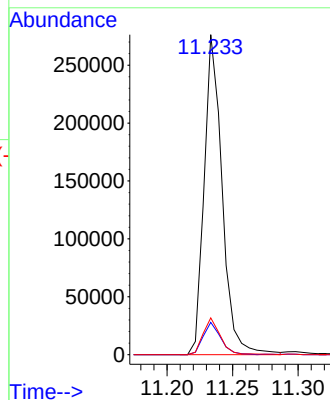
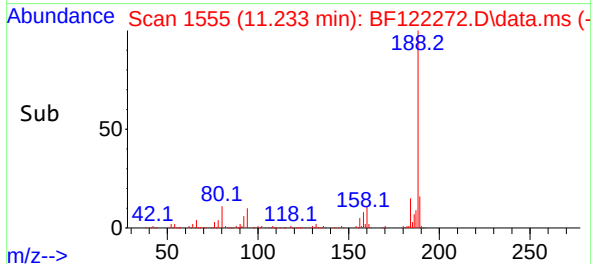
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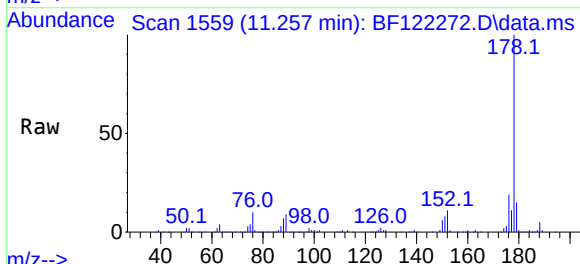
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Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.5 9.1 13.7

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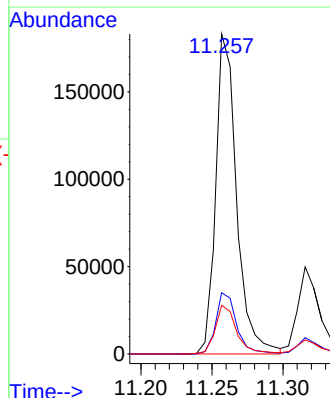
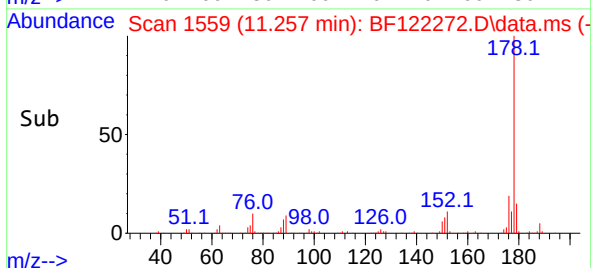
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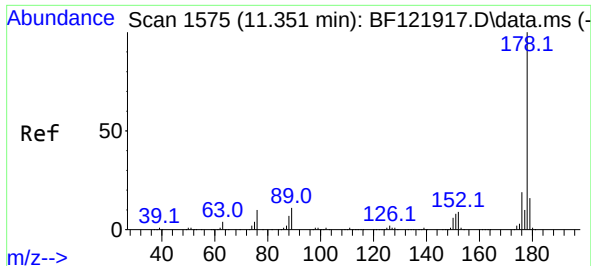


#71
Phenanthrene
Concen: 12.85 ng
RT: 11.257 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

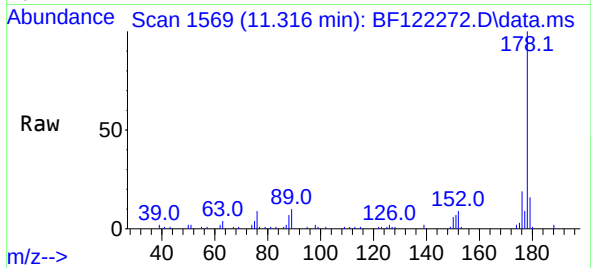


Tgt Ion:178 Resp: 186840
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 15.2 12.2 18.4

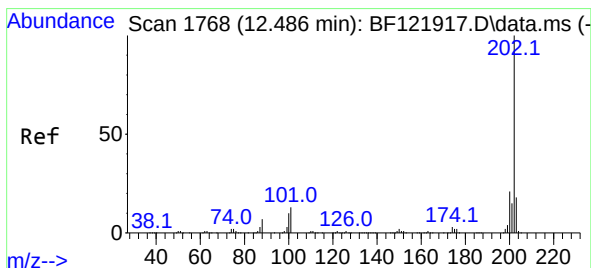
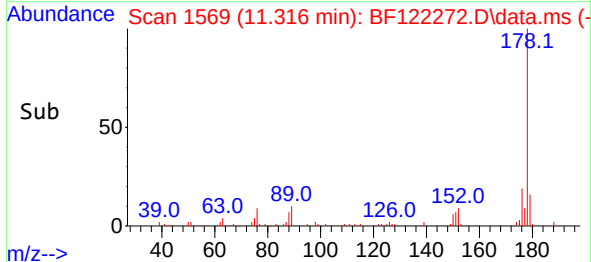
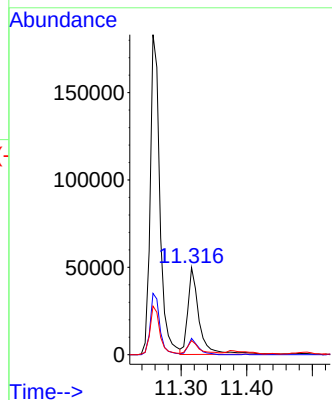




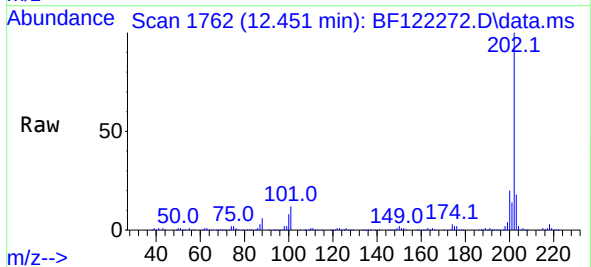
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 Anthracene
 Concen: 3.88 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. -0.000 min
 Lab File: BF122272.D
 Acq: 4 Nov 2020 19:46



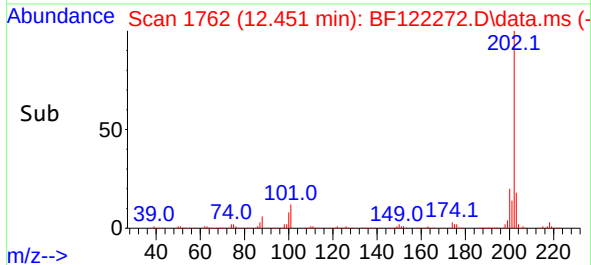
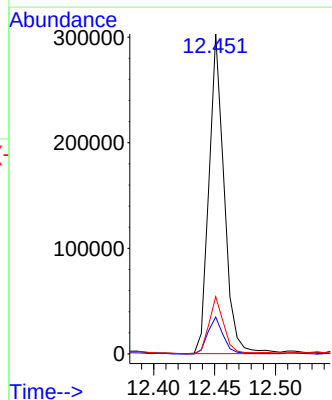
Tgt Ion:178 Resp: 58500
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.7 23.5
 179 16.1 12.7 19.1



#75
 Fluoranthene
 Concen: 16.84 ng
 RT: 12.451 min Scan# 1762
 Delta R.T. -0.000 min
 Lab File: BF122272.D
 Acq: 4 Nov 2020 19:46



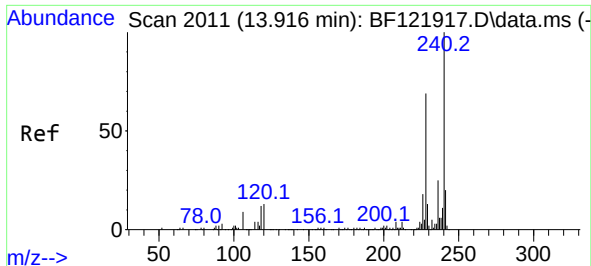
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 Ion Ratio Lower Upper
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 101 11.6 0.0 33.4
 203 17.9 0.0 37.9



Instrument :
 BNA_F
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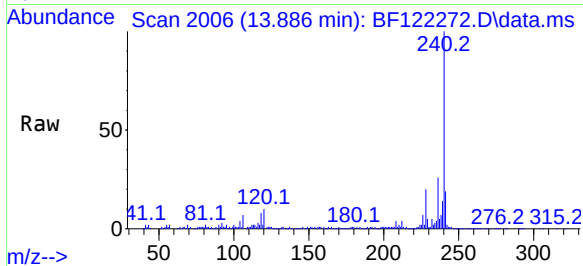
Manual Integrations
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

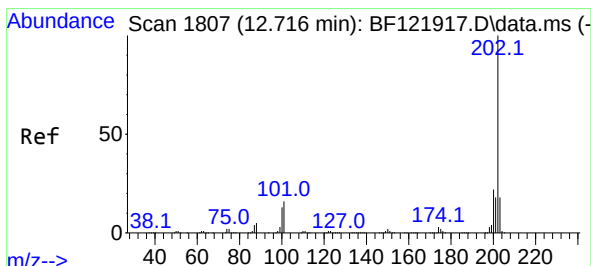
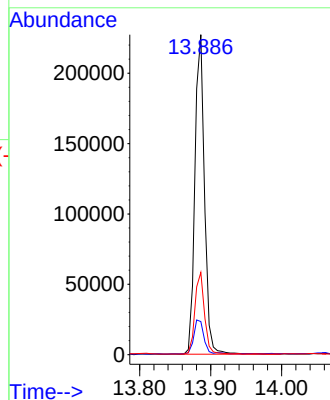
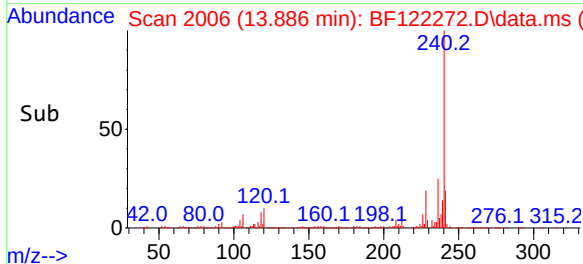
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10



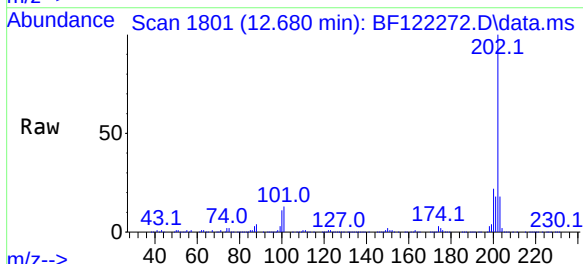
Tgt Ion:240 Resp: 213608
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.7 20.9 31.3

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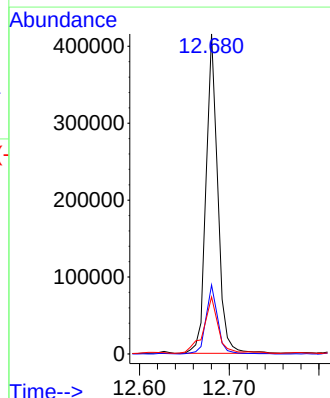
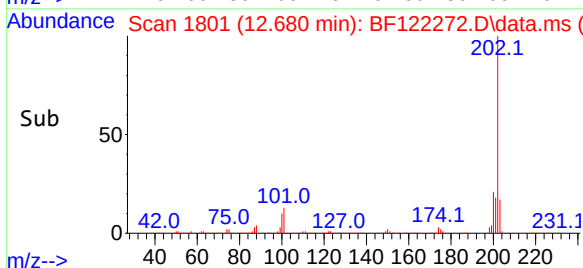
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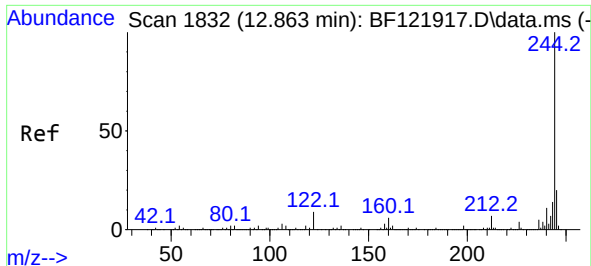


#78
Pyrene
Concen: 23.23 ng
RT: 12.680 min Scan# 1801
Delta R.T. -0.000 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



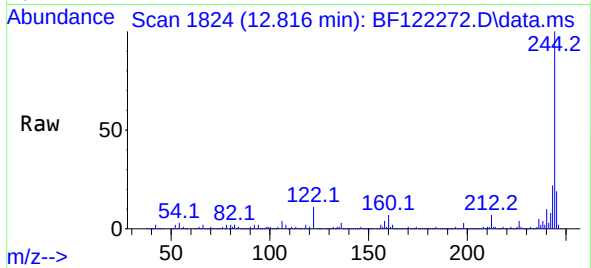
Tgt Ion:202 Resp: 378120
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.8 14.6 21.8





#79
Terphenyl-d14
Concen: 54.73 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

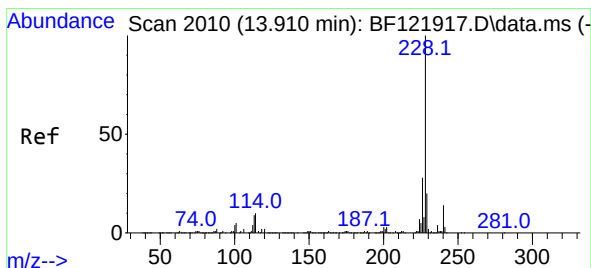
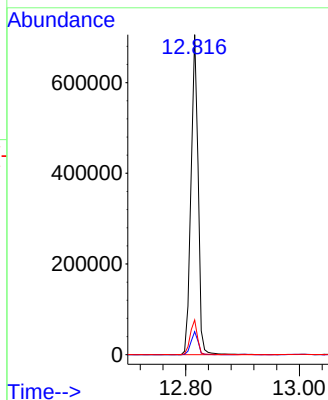
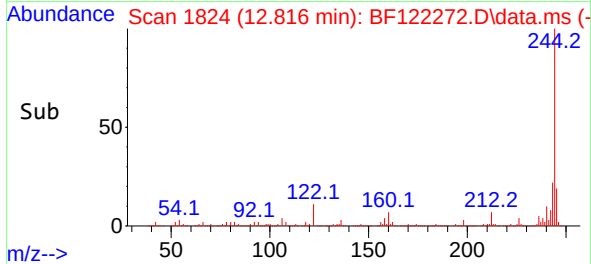
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10



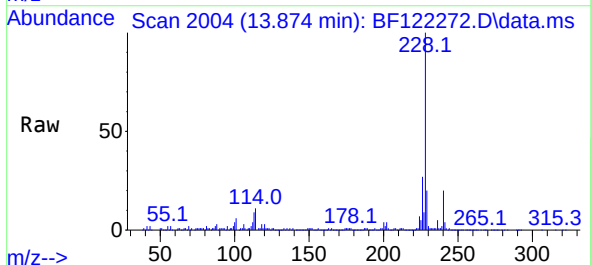
Tgt Ion:244 Resp: 613391
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 10.8 8.1 12.1

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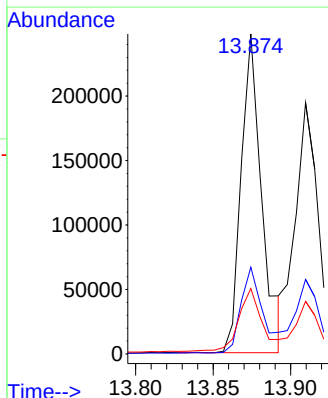
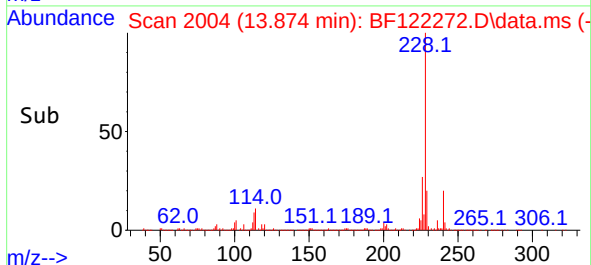
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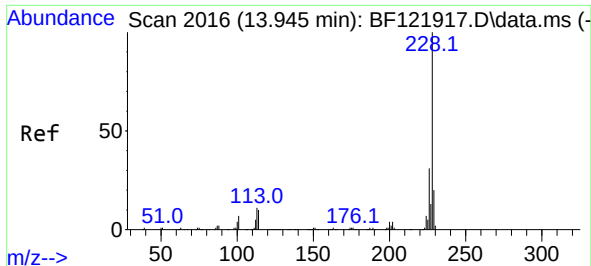


#81
Benzo(a)anthracene
Concen: 16.35 ng
RT: 13.874 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

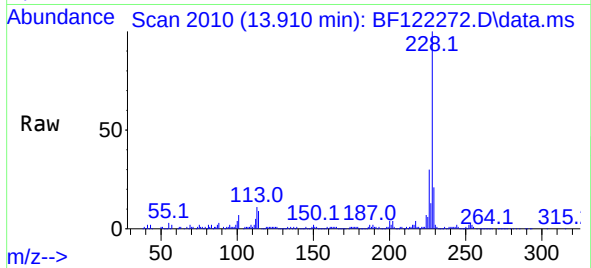


Tgt Ion:228 Resp: 228824
Ion Ratio Lower Upper
228 100
226 27.1 22.3 33.5
229 20.5 16.2 24.4

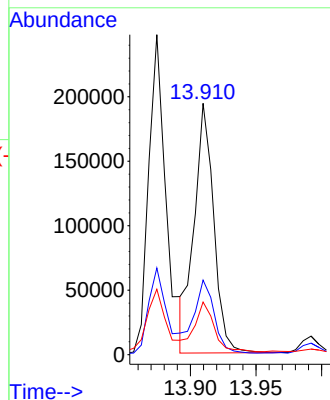
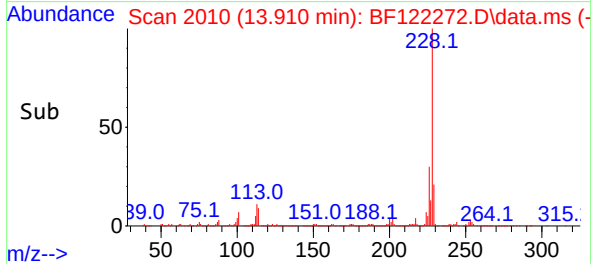




#83
Chrysene
Concen: 14.61 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



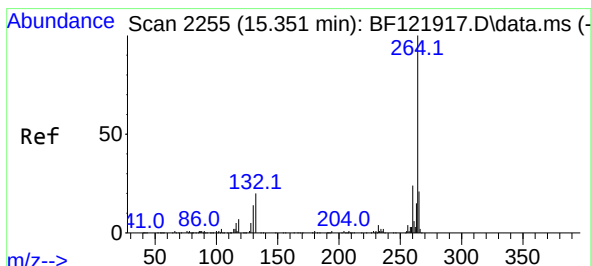
Tgt Ion:228 Resp: 200713
Ion Ratio Lower Upper
228 100
226 29.7 24.6 37.0
229 20.9 15.9 23.9



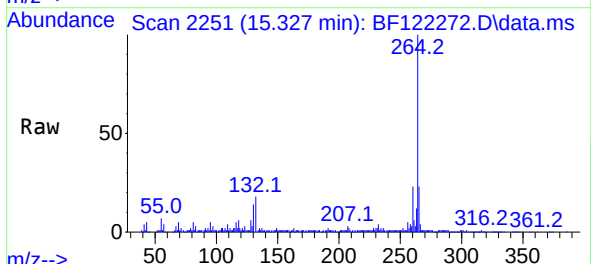
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

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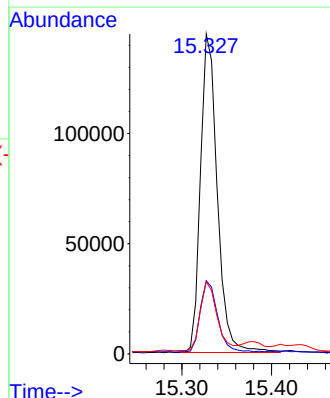
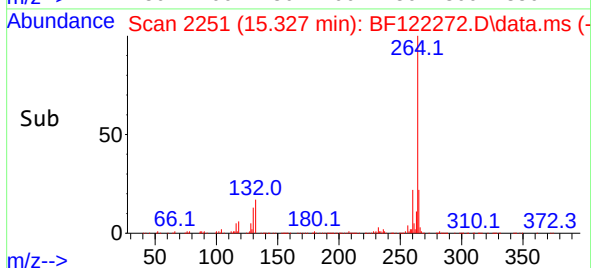
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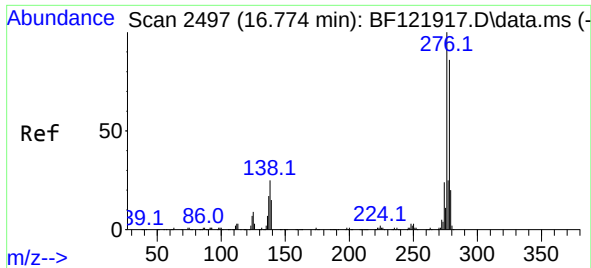


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.327 min Scan# 2251
Delta R.T. 0.023 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



Tgt Ion:264 Resp: 188404
Ion Ratio Lower Upper
264 100
260 22.9 18.7 28.1
265 22.6 17.3 25.9





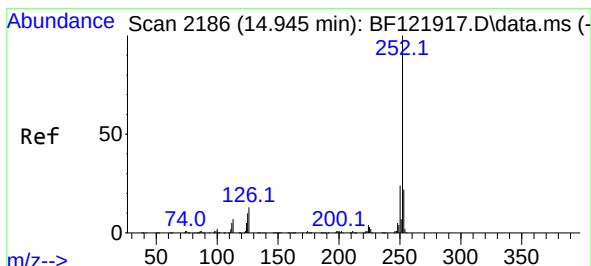
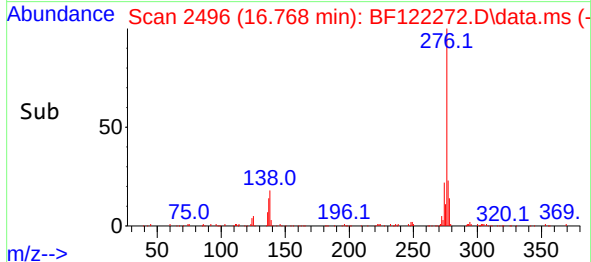
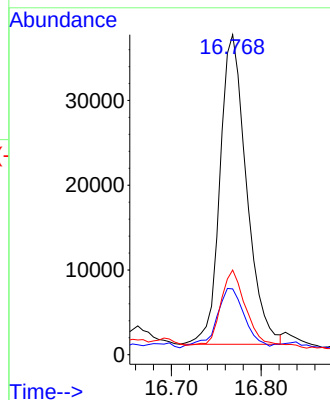
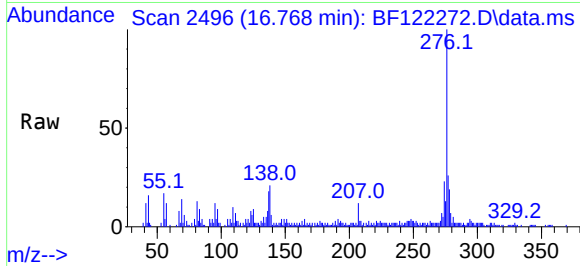
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.13 ng
RT: 16.768 min Scan# 2496
Delta R.T. 0.053 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

Tgt Ion:	276	Resp:	74961
Ion Ratio	Lower	Upper	
276	100		
138	20.6	19.9	29.9
277	25.7	20.4	30.6

Instrument :
BNA_F
ClientSampleId :
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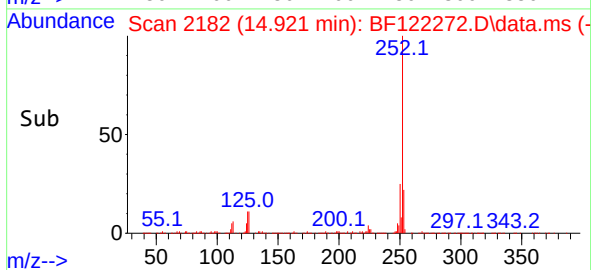
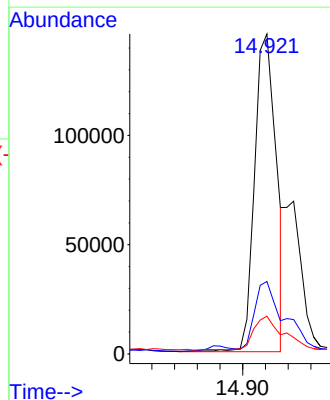
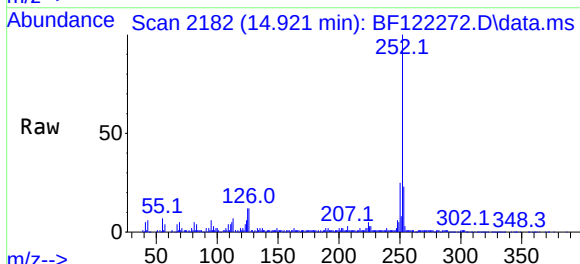
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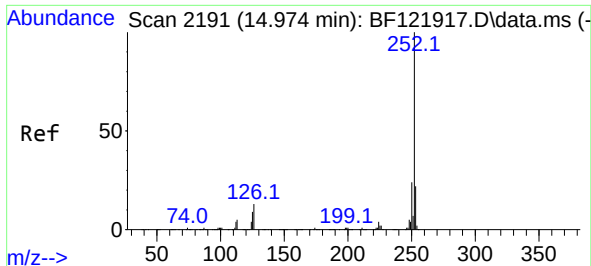
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#88
Benzo(b)fluoranthene
Concen: 15.11 ng m
RT: 14.921 min Scan# 2182
Delta R.T. 0.023 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

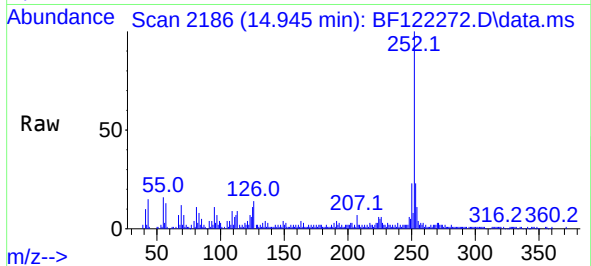
Tgt Ion:	252	Resp:	192476
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	11.8	8.0	12.0





#89
Benzo(k)fluoranthene
Concen: 5.94 ng m
RT: 14.945 min Scan# 2186
Delta R.T. 0.018 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

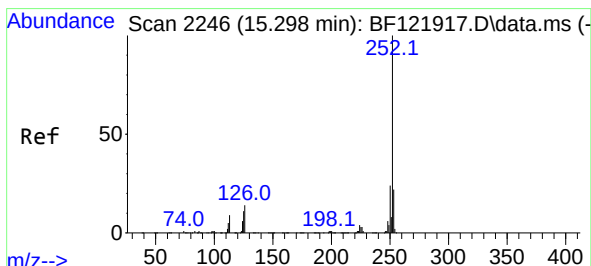
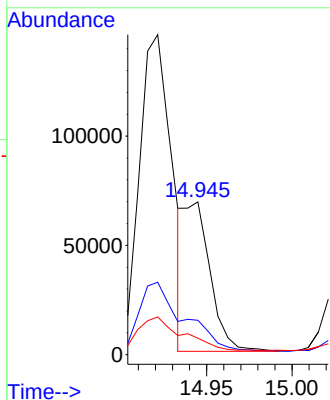
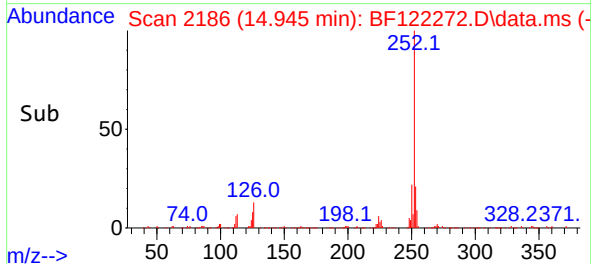
Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10



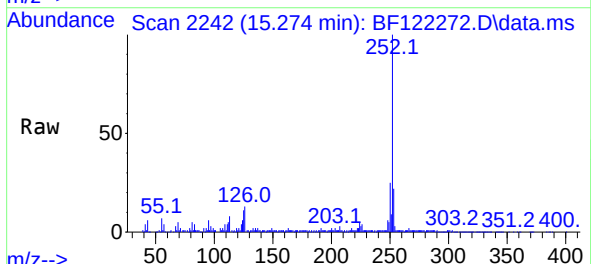
Tgt Ion:252 Resp: 71811
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 10.8 7.7 11.5

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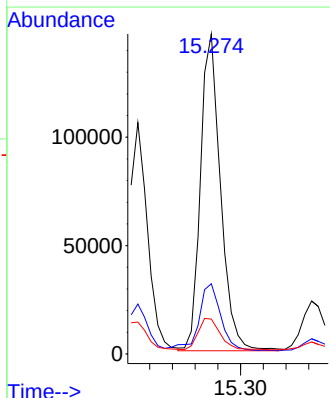
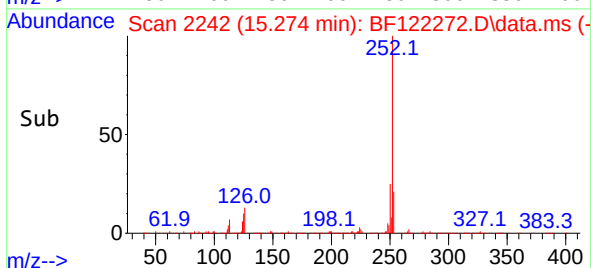
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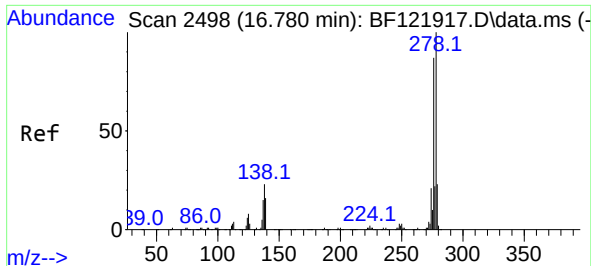


#90
Benzo(a)pyrene
Concen: 16.33 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.023 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46



Tgt Ion:252 Resp: 179627
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.9 8.6 13.0





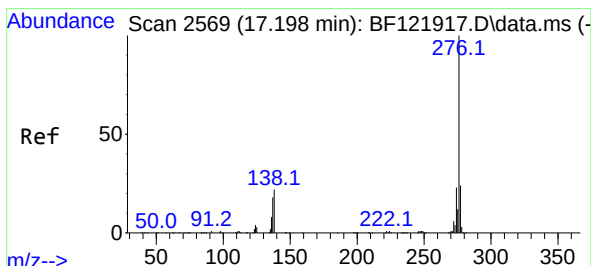
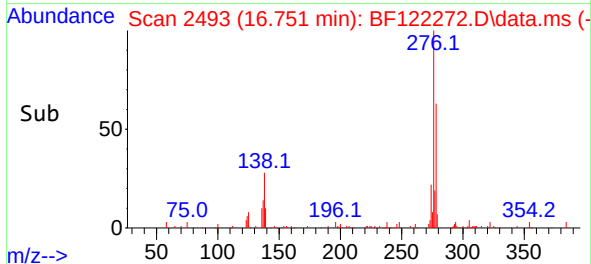
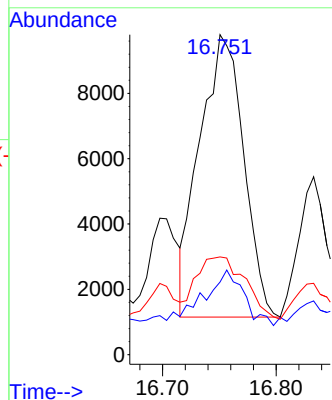
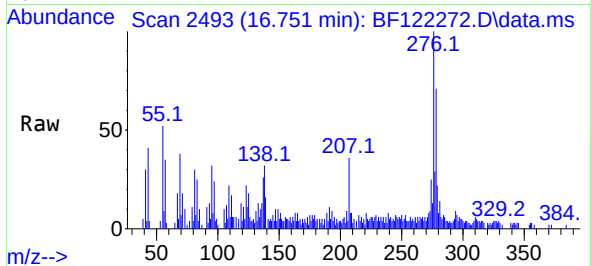
#91
Dibenzo(a,h)anthracene
Concen: 2.31 ng
RT: 16.751 min Scan# 2493
Delta R.T. 0.035 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

Tgt Ion: 278 Resp: 23250
Ion Ratio Lower Upper
278 100
139 22.7 13.0 19.4#
279 30.5 19.0 28.4#

Instrument :
BNA_F
ClientSampleId :
PAV-B8-110320-0-10

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#92
Benzo(g,h,i)perylene
Concen: 8.09 ng
RT: 17.198 min Scan# 2569
Delta R.T. 0.065 min
Lab File: BF122272.D
Acq: 4 Nov 2020 19:46

Tgt Ion: 276 Resp: 81518
Ion Ratio Lower Upper
276 100
277 24.9 19.4 29.2
138 21.8 17.8 26.6

