

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111220\
 Data File : BP003944.D
 Acq On : 12 Nov 2020 18:15
 Operator : CG/JU
 Sample : L4716-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 STOCKPILE-1

Quant Time: Nov 13 00:16:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 12 15:22:47 2020
 Response via : Initial Calibration

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

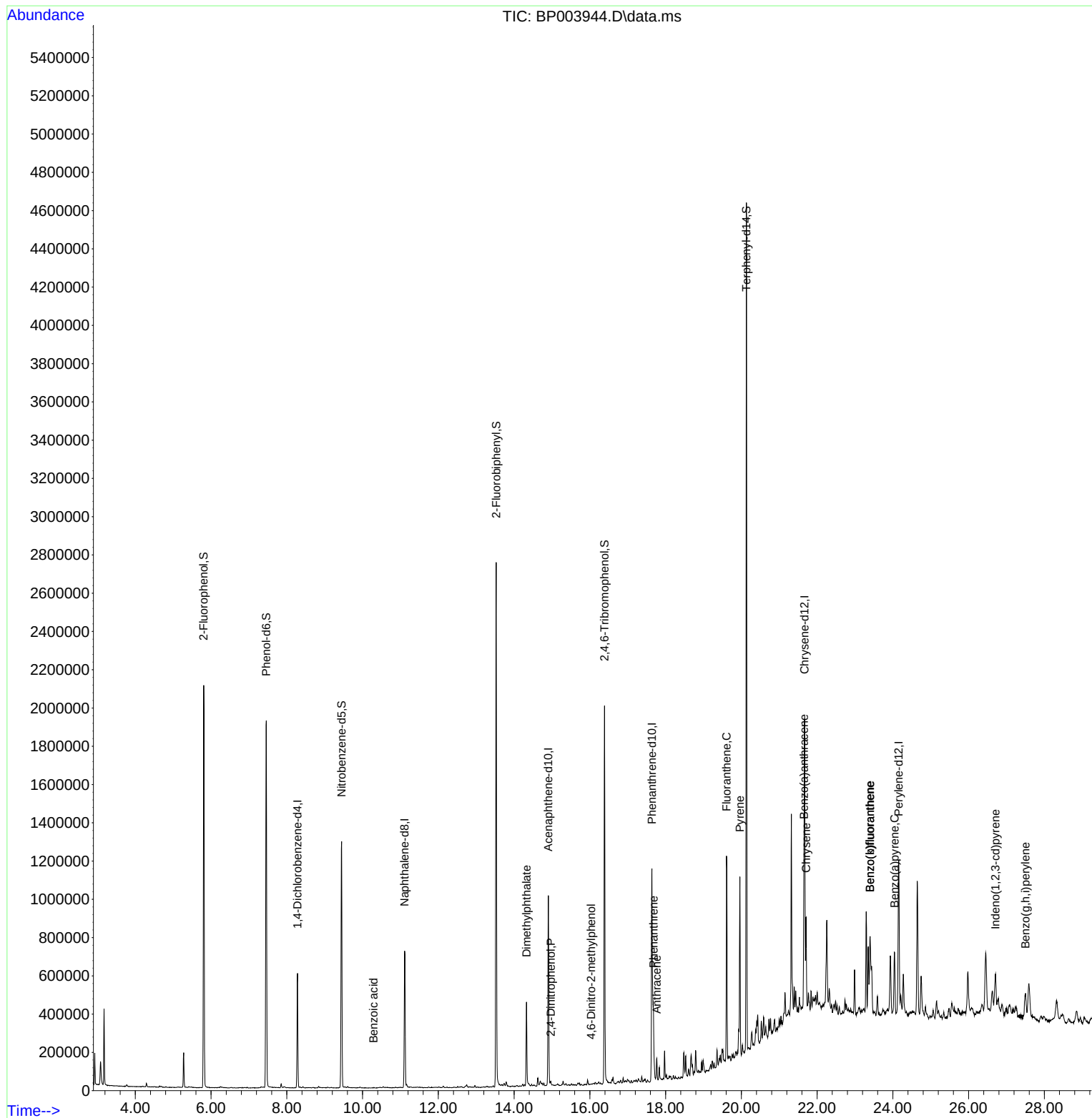
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	156134	20.00	ng	0.00
21) Naphthalene-d8	11.110	136	581382	20.00	ng	# 0.00
39) Acenaphthene-d10	14.904	164	337416	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	662878	20.00	ng	0.00
76) Chrysene-d12	21.669	240	664754	20.00	ng	0.00
86) Perylene-d12	24.157	264	660632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	836699	89.44	ng	0.00
7) Phenol-d6	7.458	99	1068895	79.60	ng	0.00
23) Nitrobenzene-d5	9.446	82	710537	59.86	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	364450	86.36	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	1413044	58.55	ng	0.00
79) Terphenyl-d14	20.133	244	1770276	51.45	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.381	77	1428	Below Cal	#	75
32) Benzoic acid	10.287	122	163	8.33	ng	94
50) Dimethylphthalate	14.328	163	287078	10.88	ng	99
54) 2,4-Dinitrophenol	14.969	184	46	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.034	198	14	6.35	ng	# 1
71) Phenanthrene	17.680	178	202014	5.43	ng	100
72) Anthracene	17.769	178	72220	2.01	ng	99
75) Fluoranthene	19.610	202	632520	14.74	ng	99
78) Pyrene	19.963	202	551118	12.22	ng	99
81) Benzo(a)anthracene	21.651	228	305331	6.97	ng	98
83) Chrysene	21.710	228	311461	7.39	ng	98
87) Indeno(1,2,3-cd)pyrene	26.709	276	199028	4.18	ng	# 94
88) Benzo(b)fluoranthene	23.398	252	509101	11.78	ng	98
89) Benzo(k)fluoranthene	23.398	252	509101	11.93	ng	99
90) Benzo(a)pyrene	24.045	252	265042	6.62	ng	99
92) Benzo(g,h,i)perylene	27.504	276	185909	4.83	ng	96

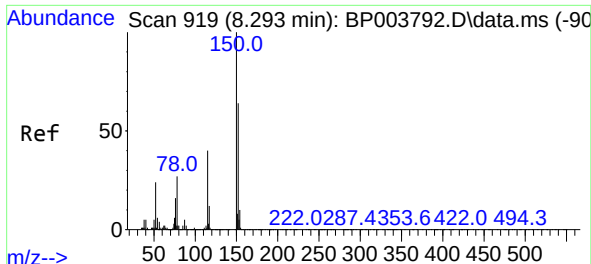
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 12 15:22:47 2020
Response via : Initial Calibration

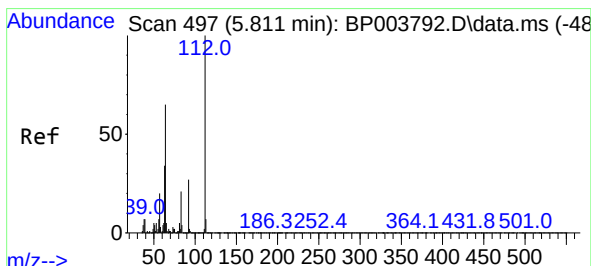
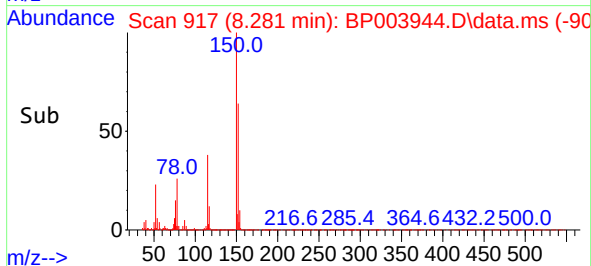
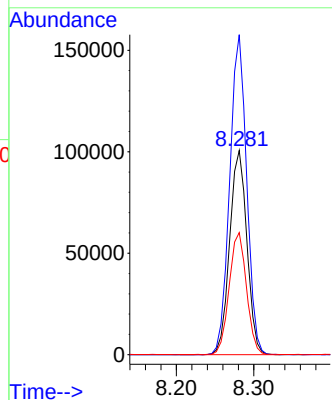
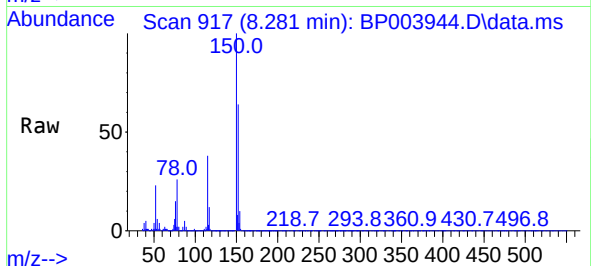




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.281 min Scan# 917
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

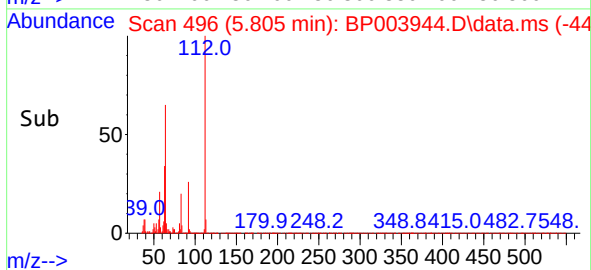
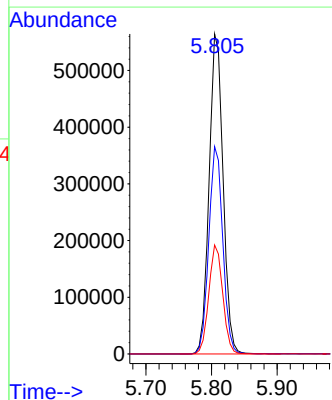
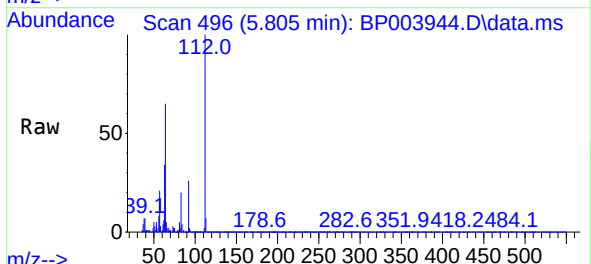
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ClientSampleId :
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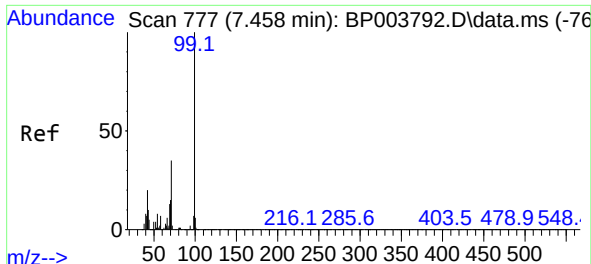
Tgt Ion:152 Resp: 156134
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 59.8 43.8 65.6



#5
2-Fluorophenol
Concen: 89.44 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:112 Resp: 836699
Ion Ratio Lower Upper
112 100
64 64.8 32.8 49.2#
63 34.0 17.0 25.4#

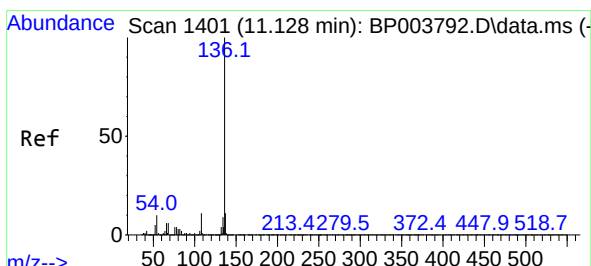
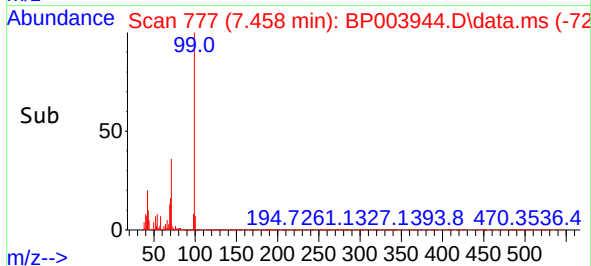
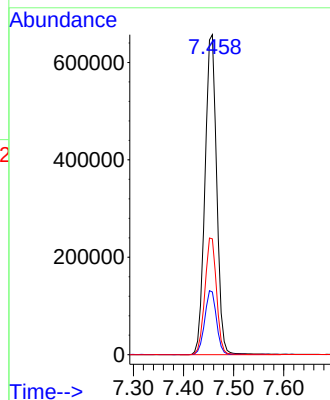
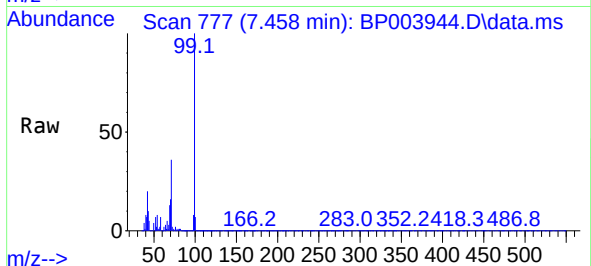




#7
Phenol-d6
Concen: 79.60 ng
RT: 7.458 min Scan# 777
Delta R.T. 0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

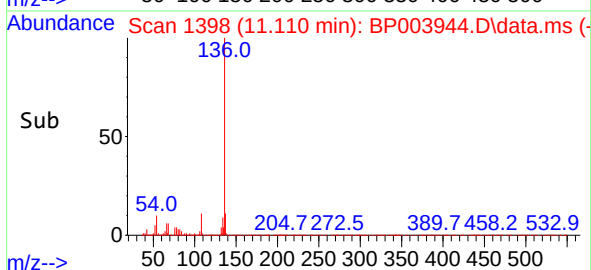
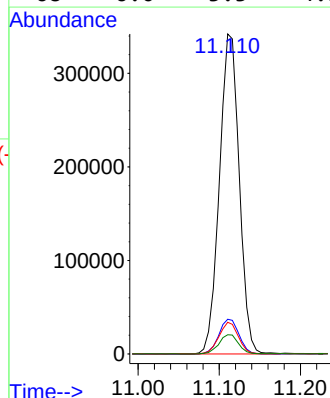
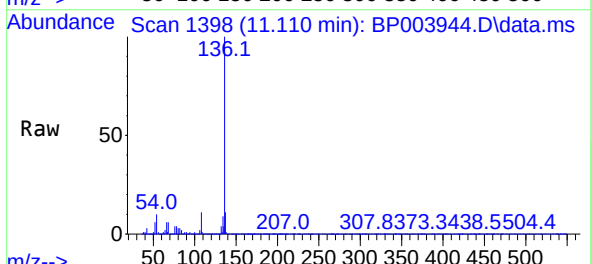
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ClientSampleId :
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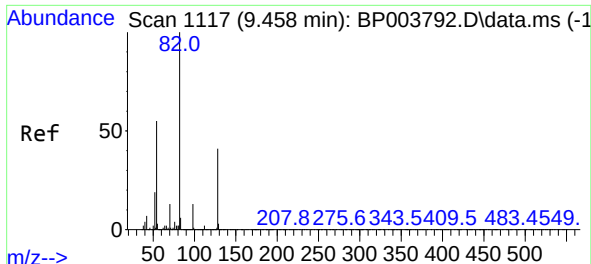
Tgt Ion: 99 Resp: 1068895
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 36.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.110 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion: 136 Resp: 581382
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 3.6 5.4#
68 6.0 3.3 4.9#

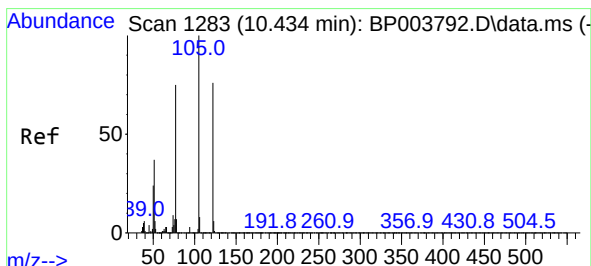
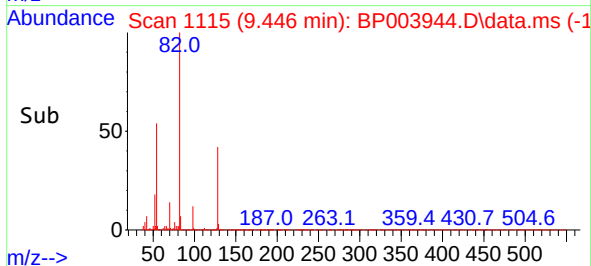
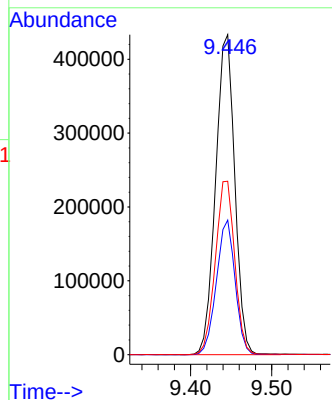
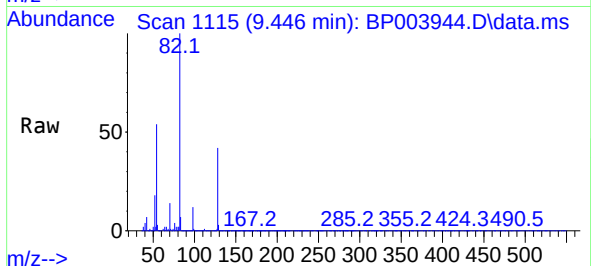




#23
Nitrobenzene-d5
Concen: 59.86 ng
RT: 9.446 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

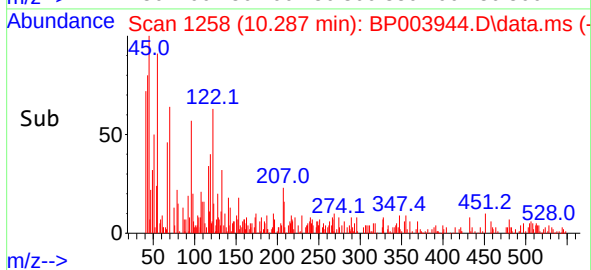
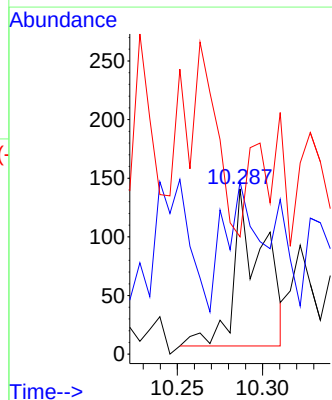
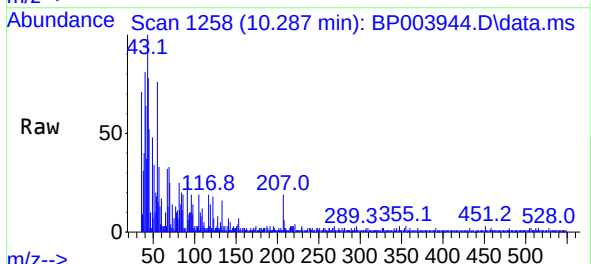
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

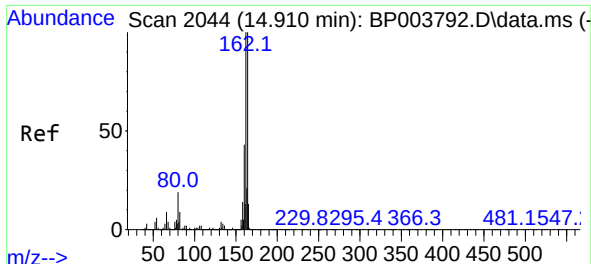
Tgt Ion: 82 Resp: 710537
Ion Ratio Lower Upper
82 100
128 42.1 45.6 68.4#
54 54.2 30.1 45.1#



#32
Benzoic acid
Concen: 8.33 ng
RT: 10.287 min Scan# 1258
Delta R.T. -0.153 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion: 122 Resp: 163
Ion Ratio Lower Upper
122 100
105 104.3 94.1 134.1
77 70.9 50.1 90.1

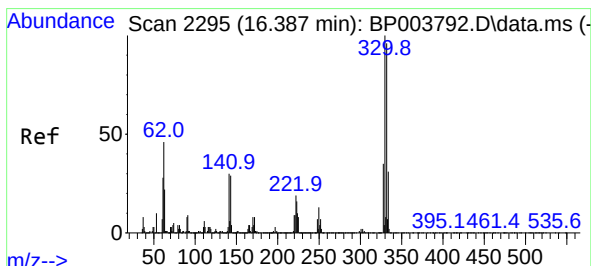
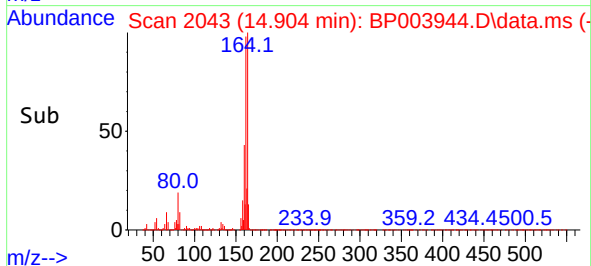
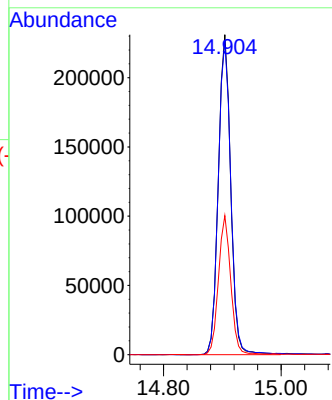
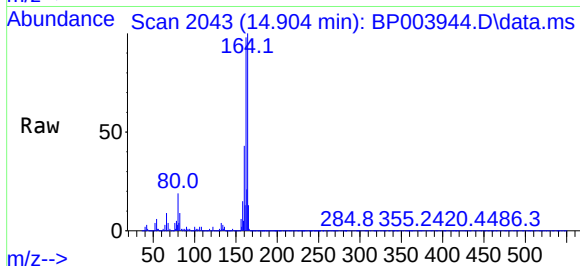




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.904 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

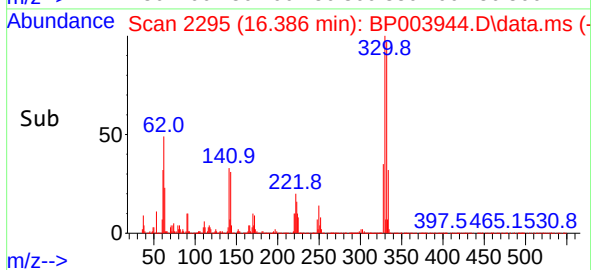
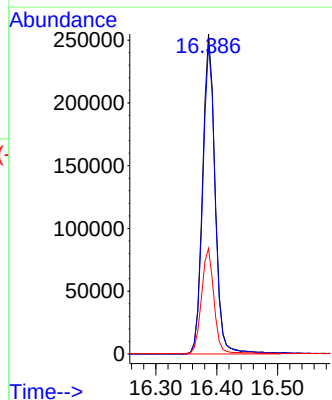
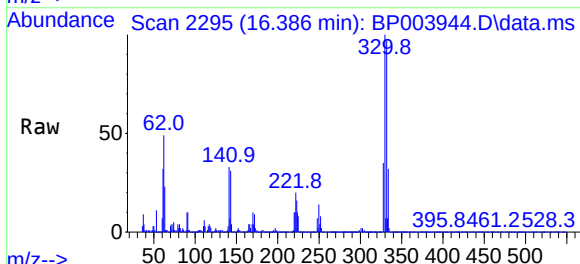
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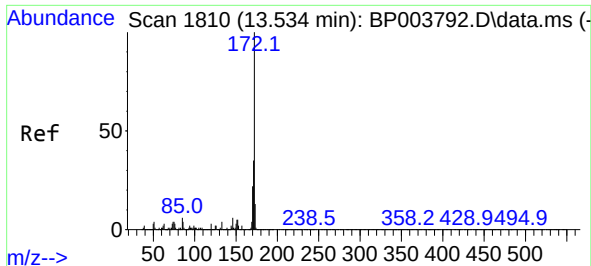
Tgt Ion:164 Resp: 337416
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.2
160 43.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 86.36 ng
RT: 16.386 min Scan# 2295
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:330 Resp: 364450
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 32.6 23.4 35.2

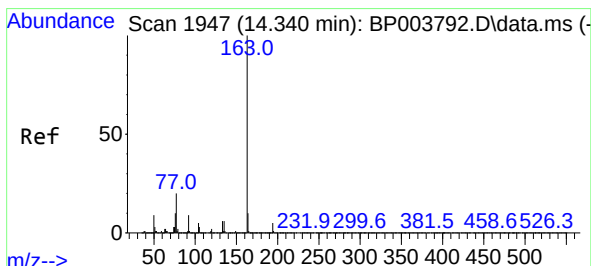
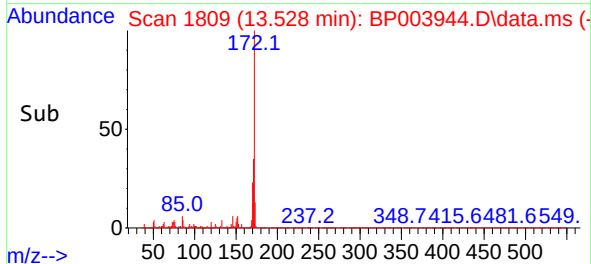
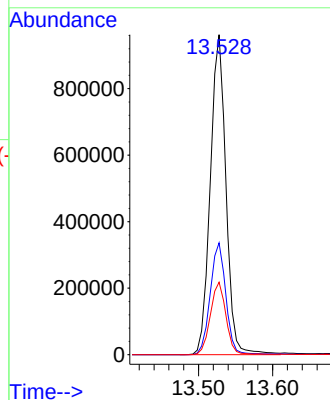
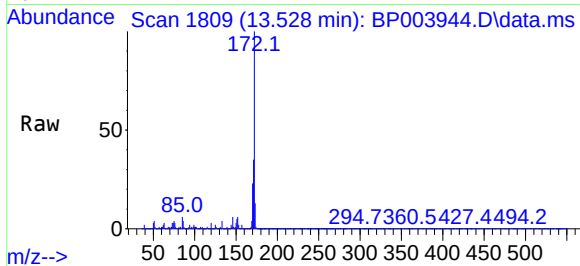




#45
2-Fluorobiphenyl
Concen: 58.55 ng
RT: 13.528 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

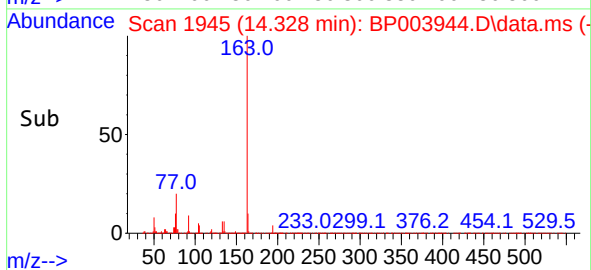
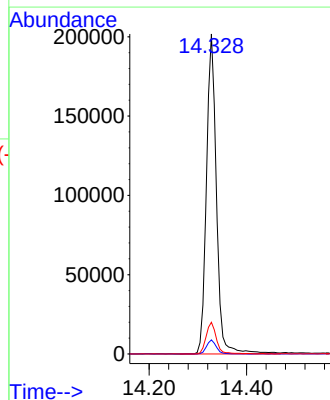
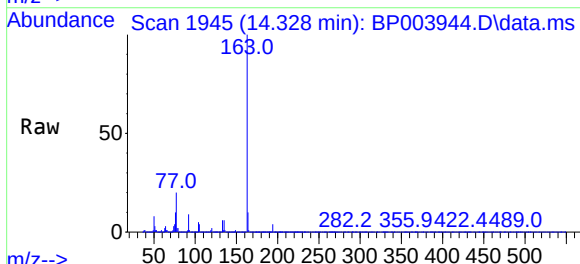
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STOCKPILE-1

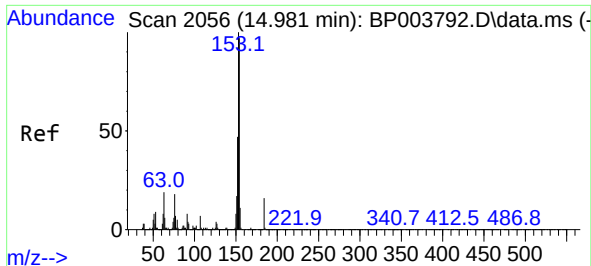
Tgt Ion:172 Resp: 1413044
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.7 19.2 28.8



#50
Dimethylphthalate
Concen: 10.88 ng
RT: 14.328 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:163 Resp: 287078
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.9 8.2 12.2

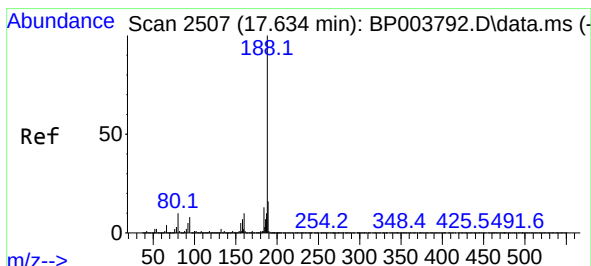
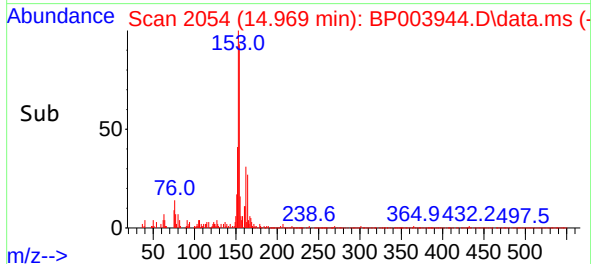
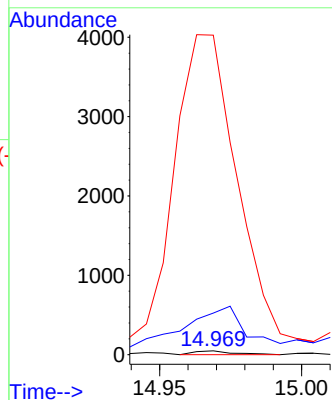
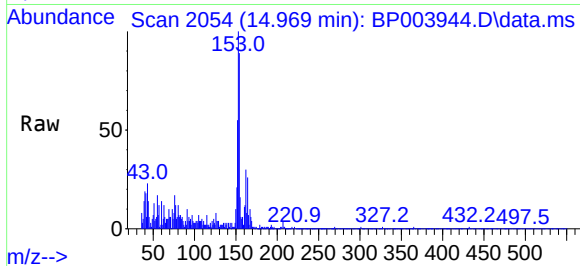




#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.969 min Scan# 2054
Delta R.T. -0.029 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

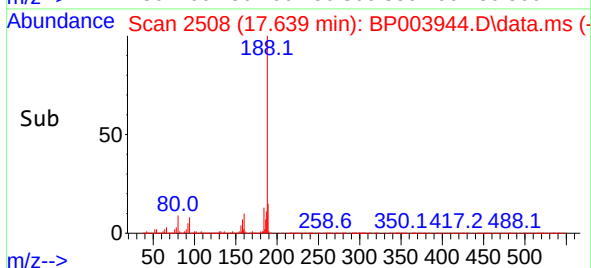
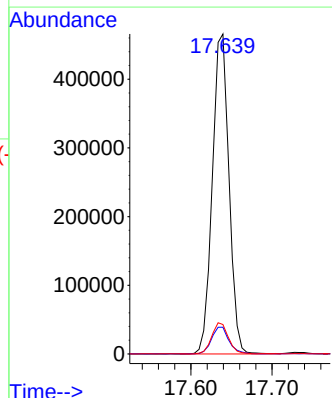
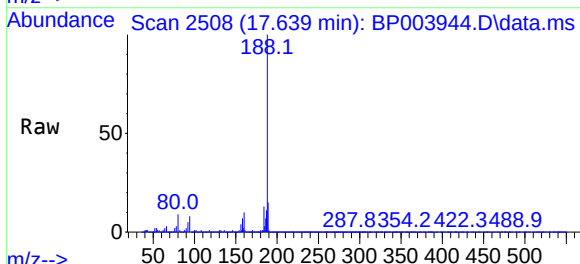
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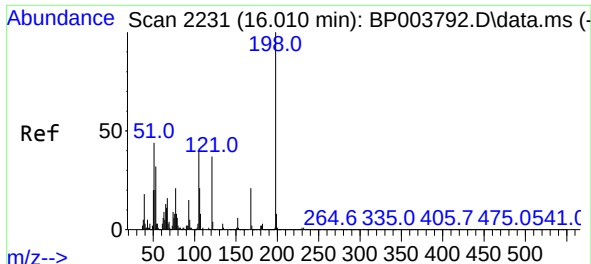
Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 1093.8 32.3 48.5#
154 8391.7 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.639 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:188 Resp: 662878
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.2 6.2 9.2

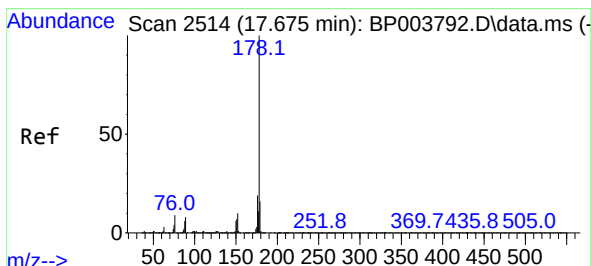
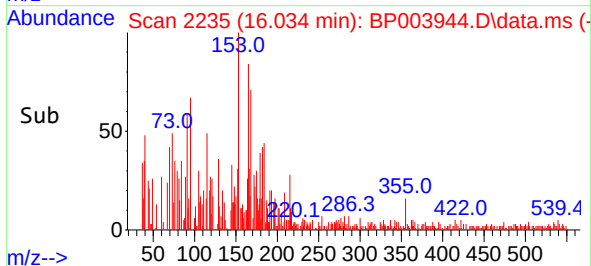
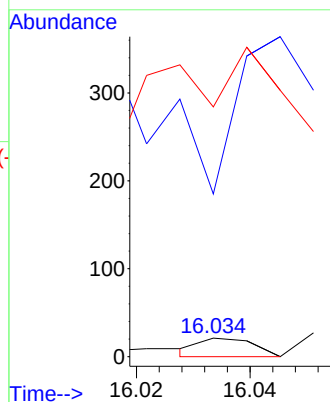
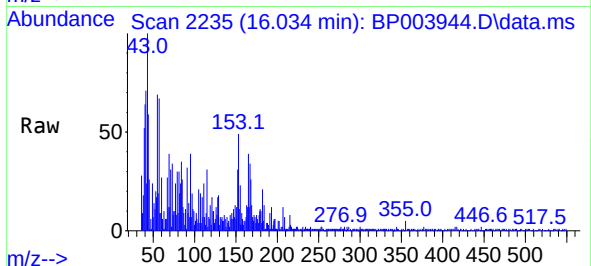




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.034 min Scan# 2235
Delta R.T. 0.012 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

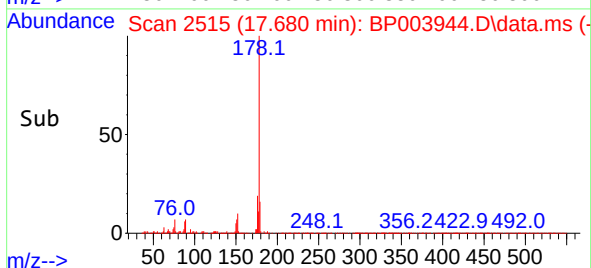
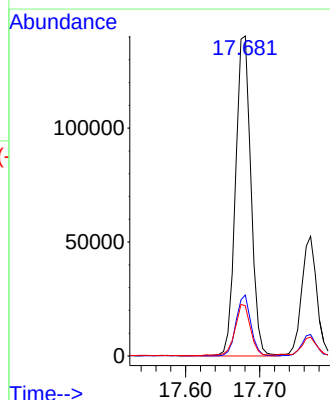
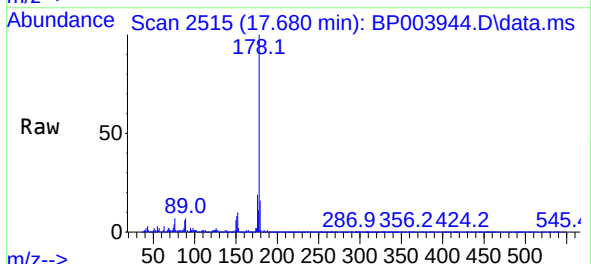
Instrument :
BNA_P
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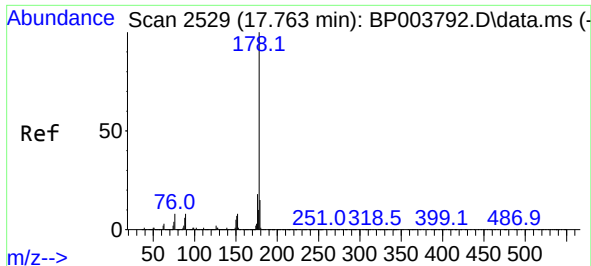
Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 881.0 6.4 46.4#
105 1352.4 18.9 58.9#



#71
Phenanthrene
Concen: 5.43 ng
RT: 17.680 min Scan# 2515
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:178 Resp: 202014
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.7 12.5 18.7

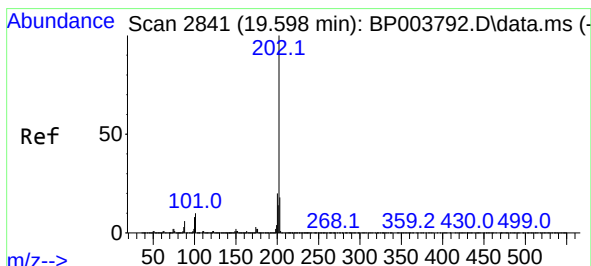
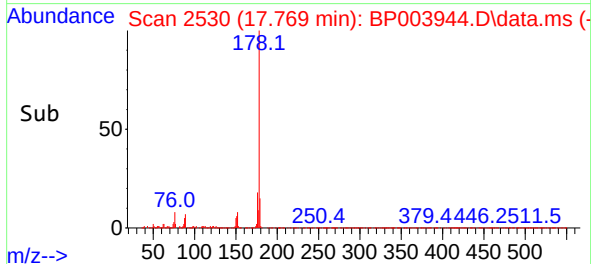
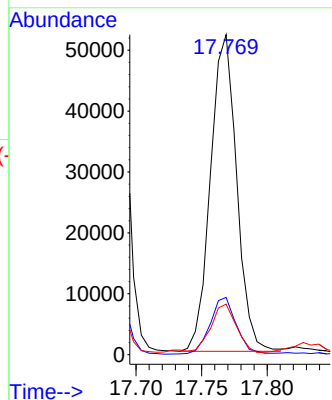
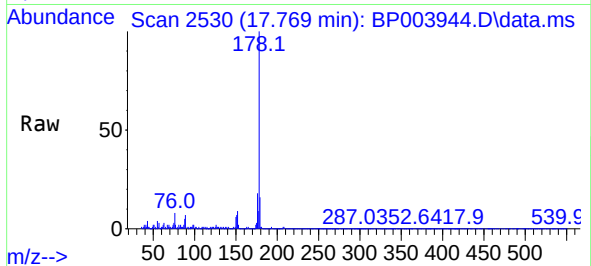




#72
Anthracene
Concen: 2.01 ng
RT: 17.769 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

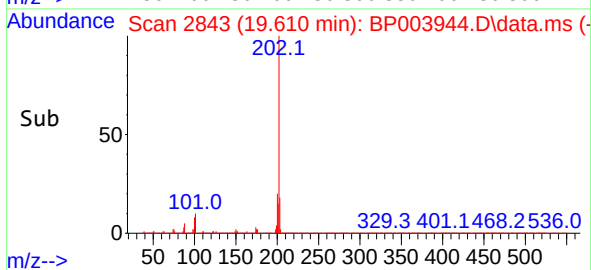
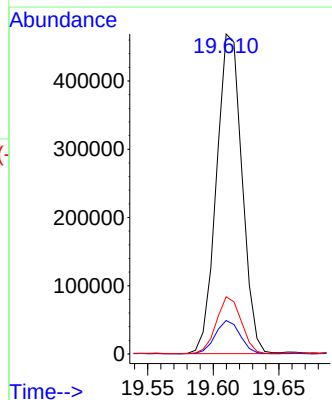
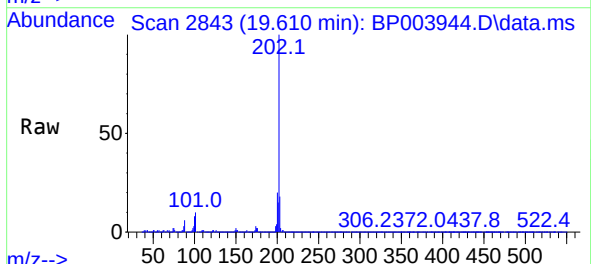
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

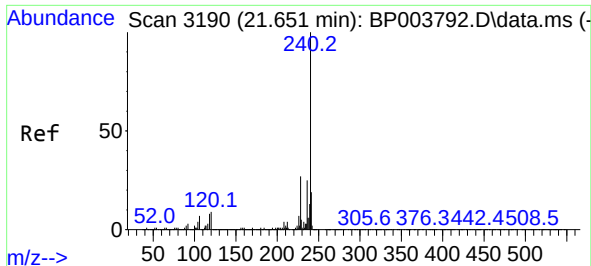
Tgt Ion:178 Resp: 72220
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 15.8 12.5 18.7



#75
Fluoranthene
Concen: 14.74 ng
RT: 19.610 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:202 Resp: 632520
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.4
203 17.8 0.0 37.8

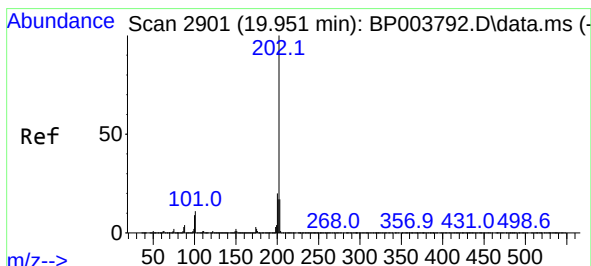
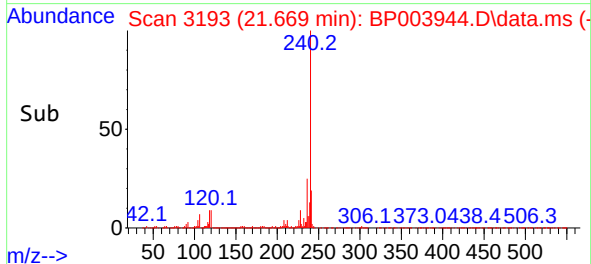
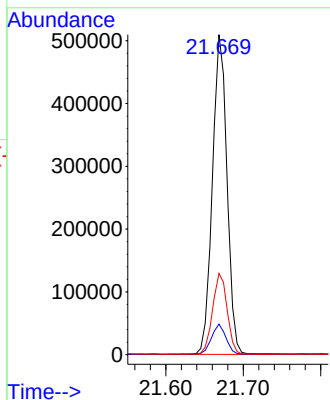
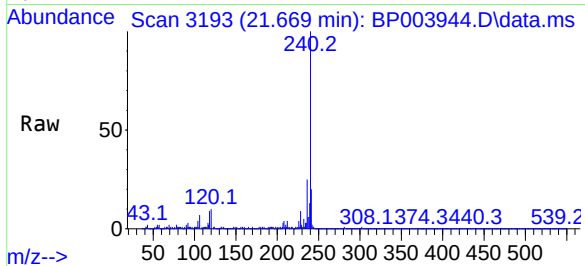




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.669 min Scan# 3193
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

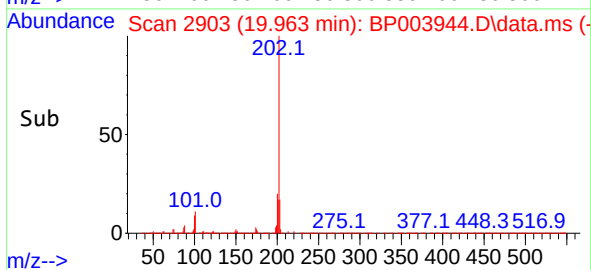
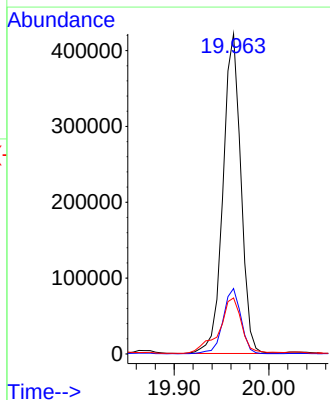
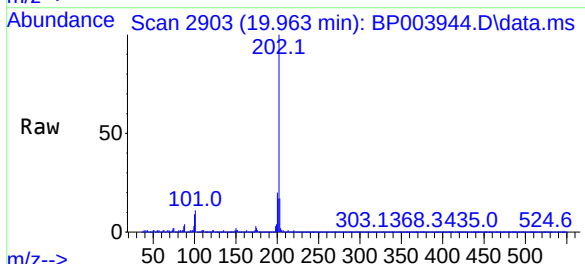
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

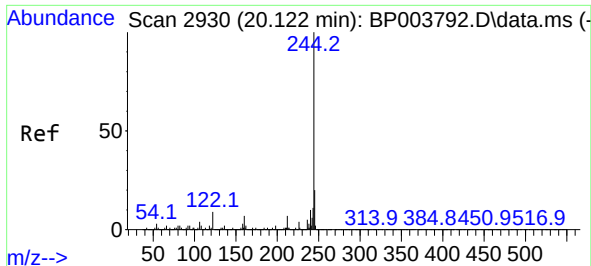
Tgt Ion:240 Resp: 664754
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.6
236 25.4 20.8 31.2



#78
Pyrene
Concen: 12.22 ng
RT: 19.963 min Scan# 2903
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:202 Resp: 551118
Ion Ratio Lower Upper
202 100
200 20.5 17.1 25.7
203 17.5 14.2 21.2

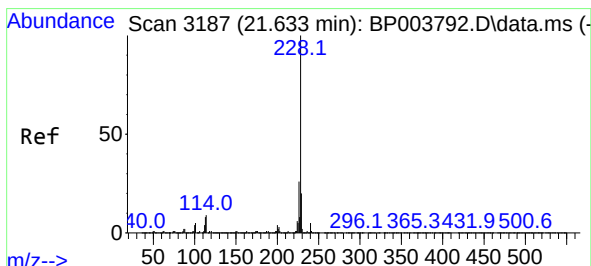
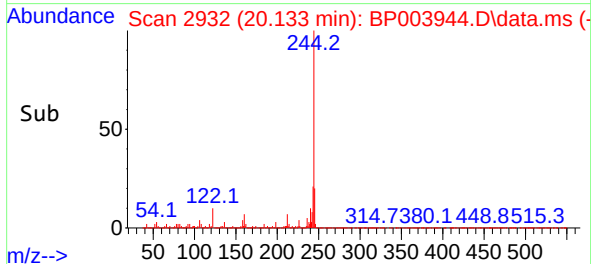
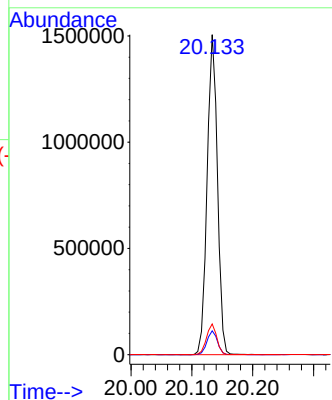
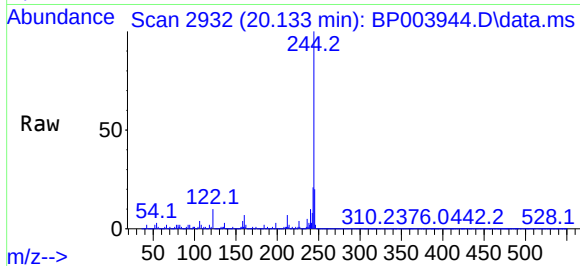




#79
 Terphenyl-d14
 Concen: 51.45 ng
 RT: 20.133 min Scan# 2932
 Delta R.T. 0.000 min
 Lab File: BP003944.D
 Acq: 12 Nov 2020 18:15

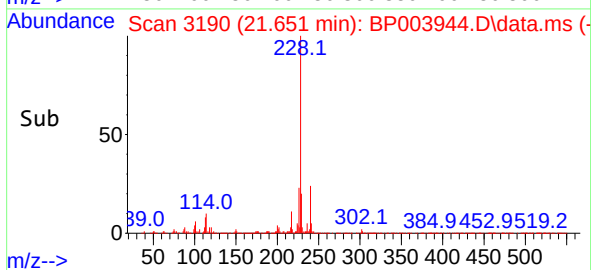
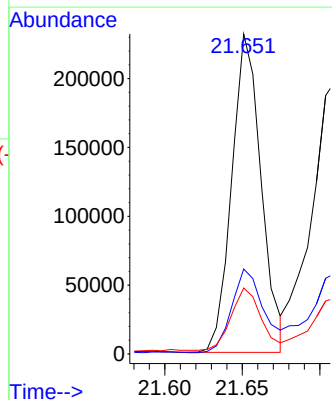
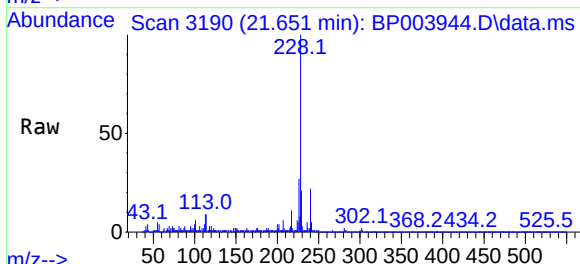
Instrument :
 BNA_P
 ClientSampleId :
 STOCKPILE-1

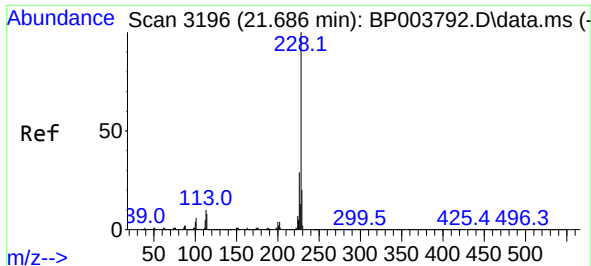
Tgt Ion:244 Resp: 1770276
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.6 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 6.97 ng
 RT: 21.651 min Scan# 3190
 Delta R.T. -0.006 min
 Lab File: BP003944.D
 Acq: 12 Nov 2020 18:15

Tgt Ion:228 Resp: 305331
 Ion Ratio Lower Upper
 228 100
 226 26.6 22.1 33.1
 229 20.6 15.9 23.9



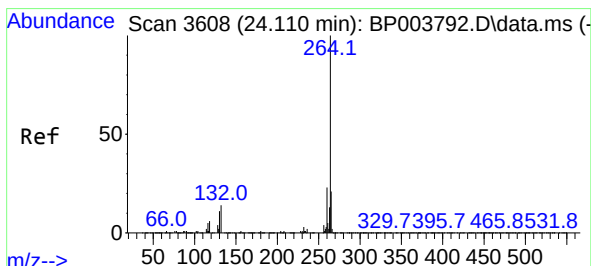
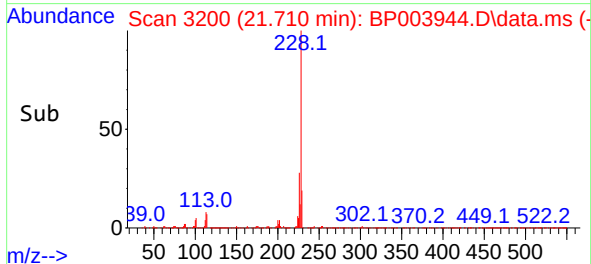
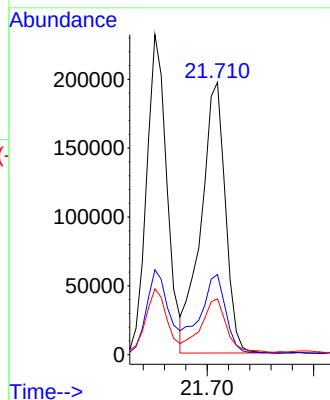
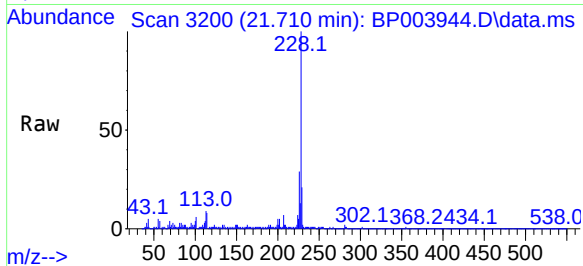


#83
Chrysene
Concen: 7.39 ng
RT: 21.710 min Scan# 3200
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

Tgt Ion:228 Resp: 311461

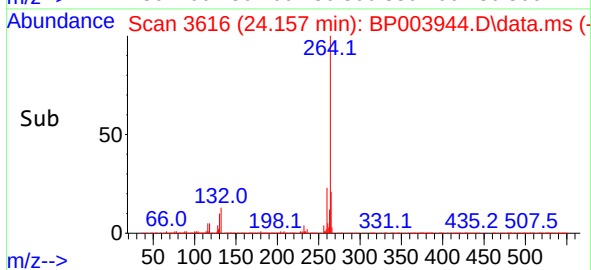
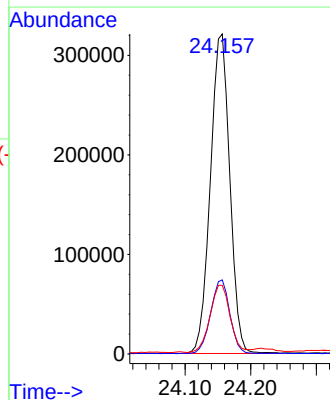
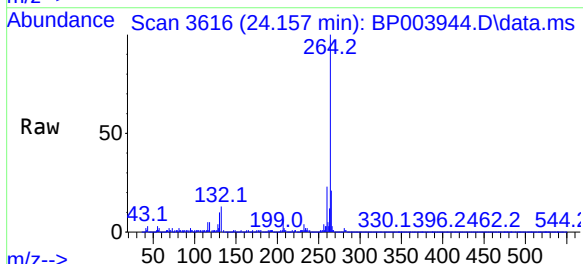
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.4	36.6
229	20.5	15.8	23.6

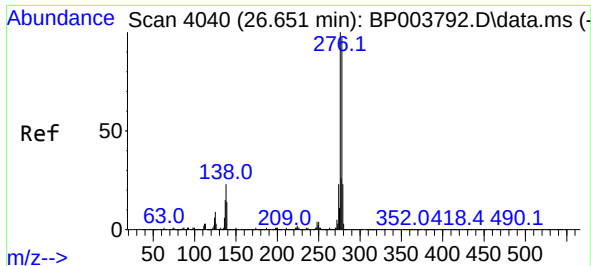


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.157 min Scan# 3616
Delta R.T. 0.000 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:264 Resp: 660632

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.4	17.4	26.2

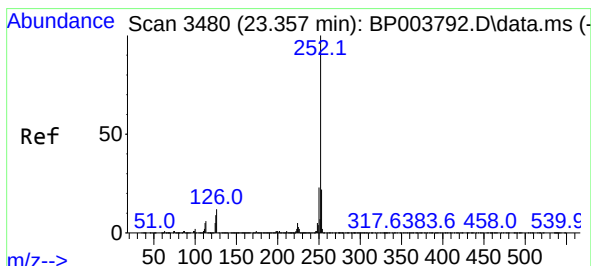
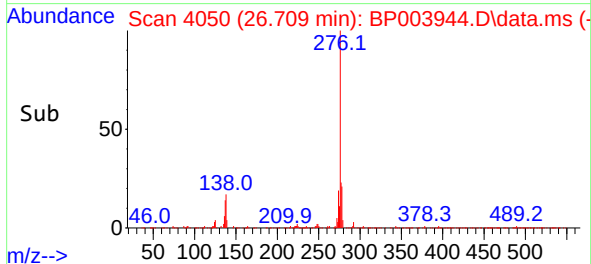
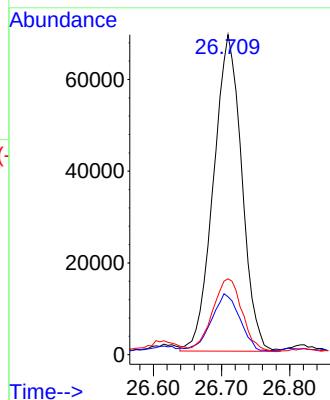
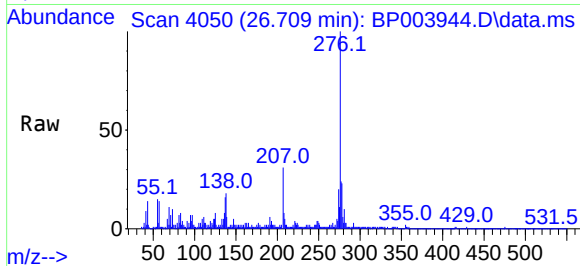




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.18 ng
RT: 26.709 min Scan# 4050
Delta R.T. -0.018 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

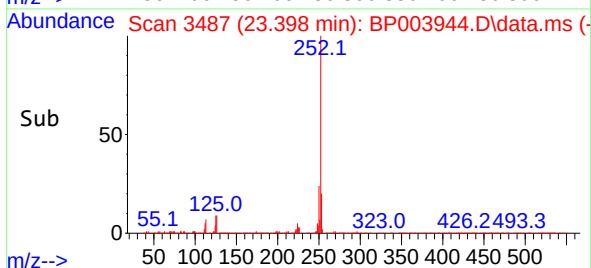
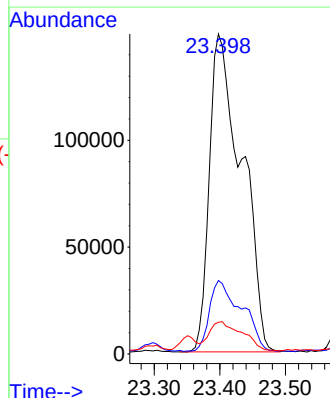
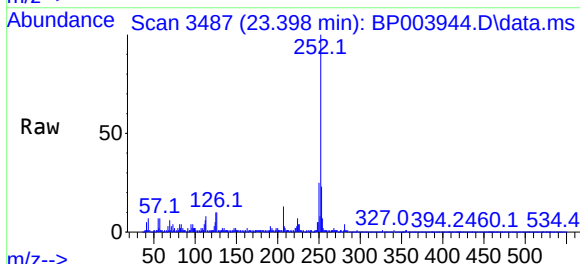
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

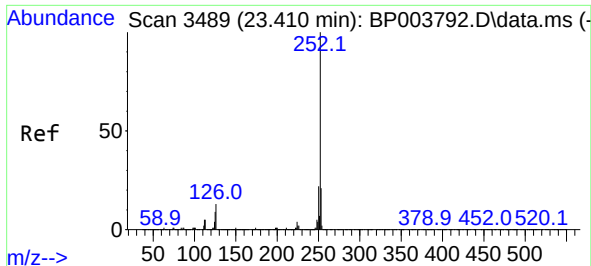
Tgt Ion: 276 Resp: 199028
Ion Ratio Lower Upper
276 100
138 18.3 18.7 28.1#
277 24.1 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 11.78 ng
RT: 23.398 min Scan# 3487
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion: 252 Resp: 509101
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.9 7.3 10.9

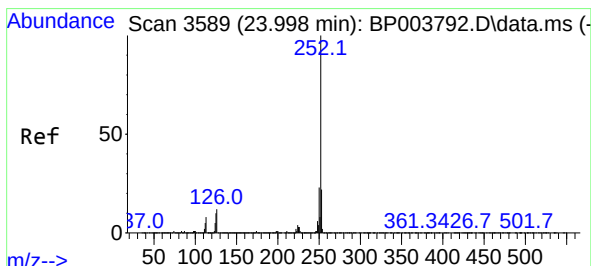
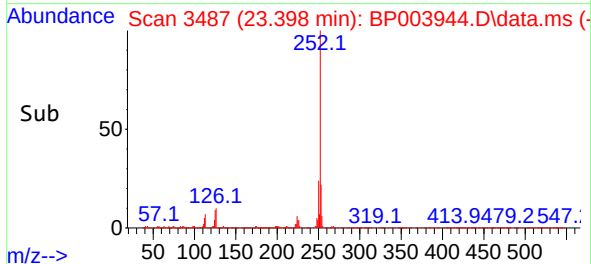
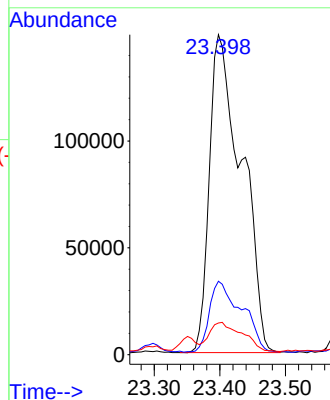
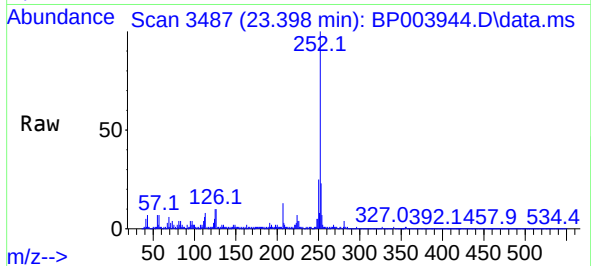




#89
Benzo(k)fluoranthene
Concen: 11.93 ng
RT: 23.398 min Scan# 3487
Delta R.T. -0.053 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

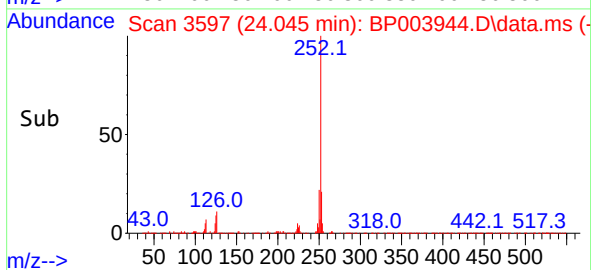
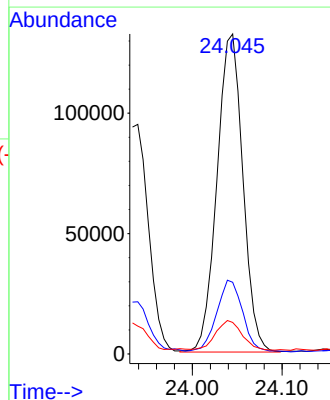
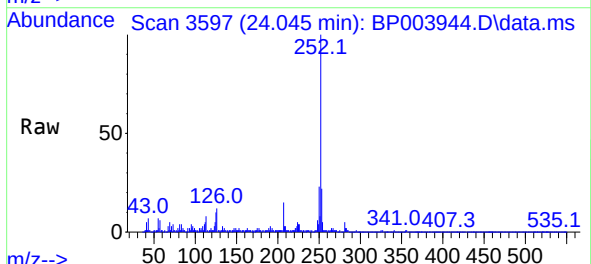
Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

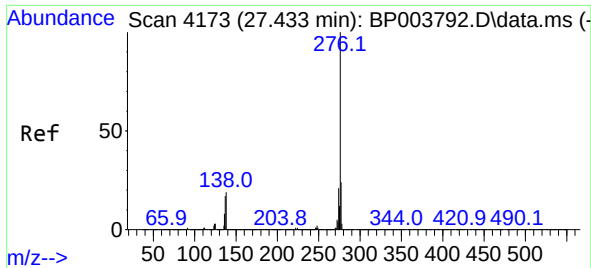
Tgt Ion:252 Resp: 509101
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 9.9 7.4 11.2



#90
Benzo(a)pyrene
Concen: 6.62 ng
RT: 24.045 min Scan# 3597
Delta R.T. -0.006 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Tgt Ion:252 Resp: 265042
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.8 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 4.83 ng
RT: 27.504 min Scan# 4185
Delta R.T. -0.018 min
Lab File: BP003944.D
Acq: 12 Nov 2020 18:15

Instrument :
BNA_P
ClientSampleId :
STOCKPILE-1

Tgt Ion:276 Resp: 185909
Ion Ratio Lower Upper
276 100
277 24.7 19.0 28.6
138 17.8 16.6 24.8

