

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
 Data File : BP004063.D
 Acq On : 23 Nov 2020 19:38
 Operator : CG/JU
 Sample : L4857-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-WEST

Quant Time: Nov 24 06:23:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

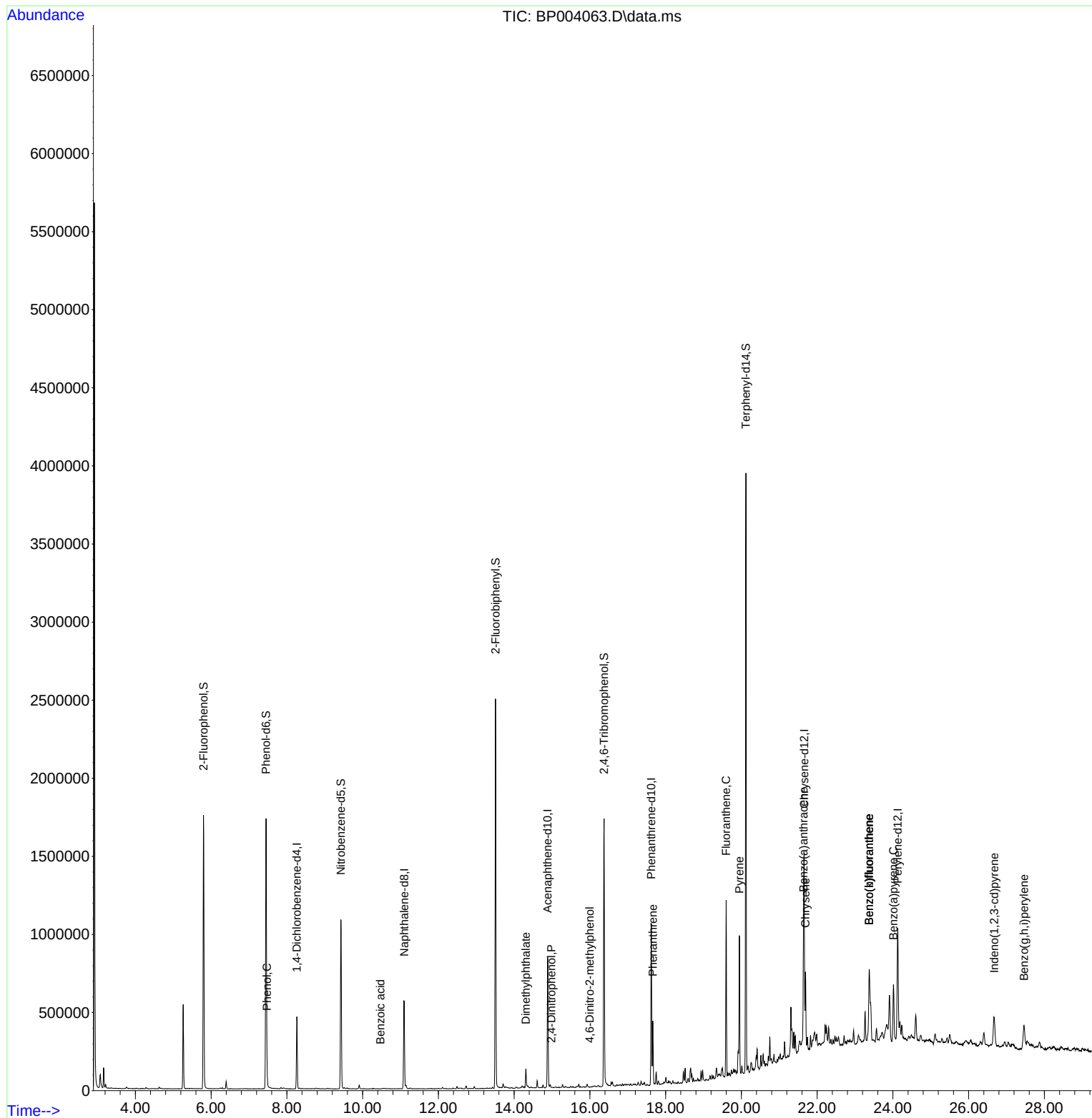
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	120678	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	471776	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	292620	20.00	ng	0.00
64) Phenanthrene-d10	17.621	188	605861	20.00	ng	# 0.00
76) Chrysene-d12	21.656	240	558011	20.00	ng	0.00
86) Perylene-d12	24.127	264	570564	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	724627	100.22	ng	0.00
7) Phenol-d6	7.451	99	956458	92.15	ng	0.00
23) Nitrobenzene-d5	9.428	82	604171	62.72	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	336816	92.03	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1270129	60.68	ng	0.00
79) Terphenyl-d14	20.121	244	1580461	54.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.375	77	652	Below Cal	#	81
10) Phenol	7.475	94	37915	3.79	ng	71
32) Benzoic acid	10.469	122	26	8.31	ng	# 1
50) Dimethylphthalate	14.310	163	80224	3.51	ng	99
54) 2,4-Dinitrophenol	14.980	184	28	2.75	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.998	198	14	6.35	ng	# 1
71) Phenanthrene	17.663	178	234035	6.88	ng	98
75) Fluoranthene	19.598	202	631094	16.09	ng	99
78) Pyrene	19.951	202	549625	14.51	ng	98
81) Benzo(a)anthracene	21.639	228	282473	7.68	ng	97
83) Chrysene	21.692	228	303605	8.59	ng	95
87) Indeno(1,2,3-cd)pyrene	26.674	276	204285	4.96	ng	# 93
88) Benzo(b)fluoranthene	23.374	252	548794	14.70	ng	98
89) Benzo(k)fluoranthene	23.374	252	548794	14.89	ng	98
90) Benzo(a)pyrene	24.015	252	274769	7.95	ng	98
92) Benzo(g,h,i)perylene	27.462	276	203725	6.13	ng	96

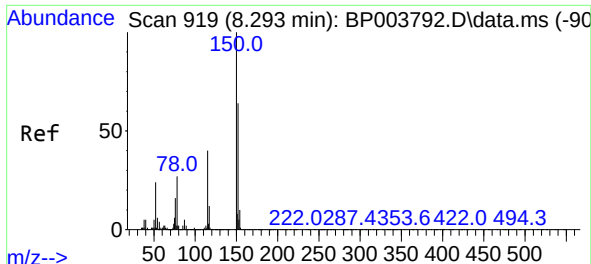
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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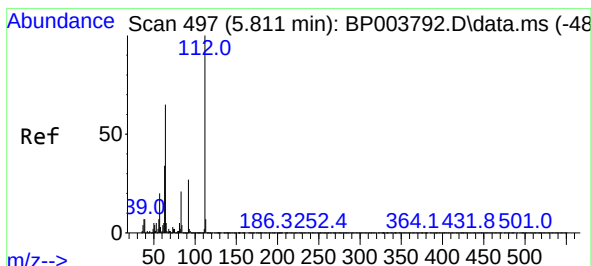
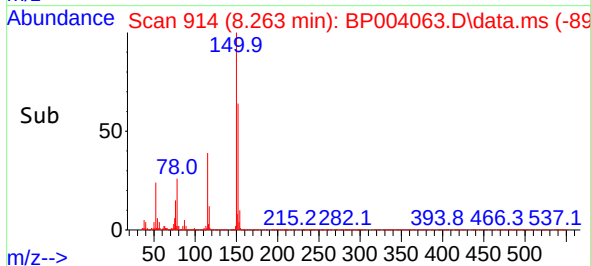
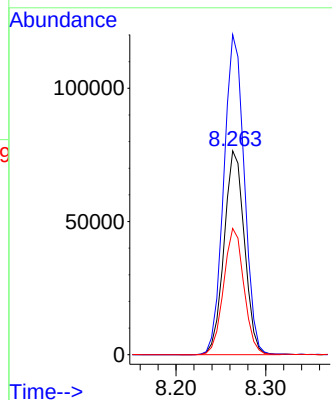
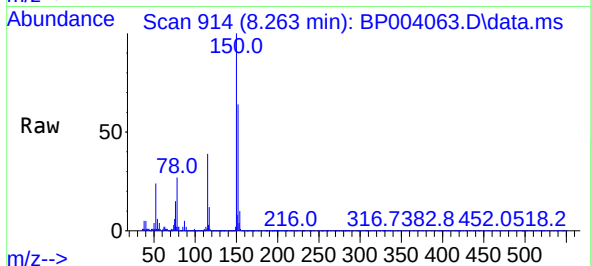




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

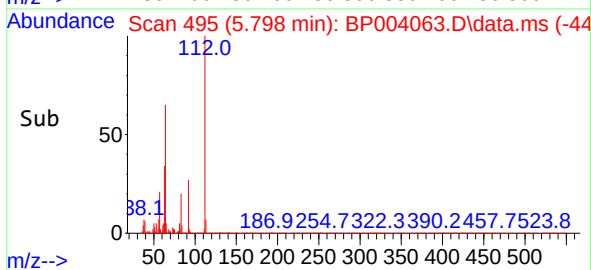
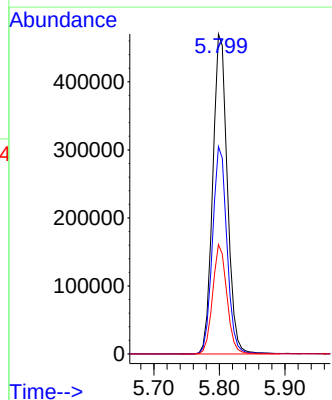
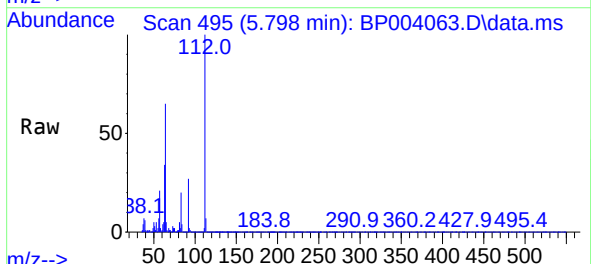
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BNA_P
ClientSampleId :
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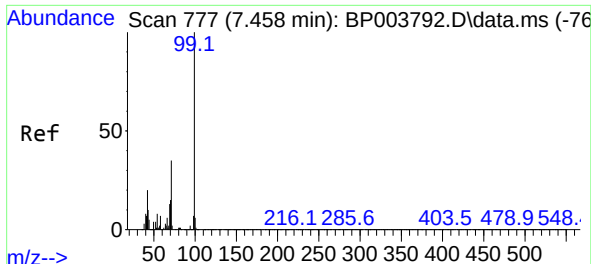
Tgt Ion:152 Resp: 120678
Ion Ratio Lower Upper
152 100
150 157.0 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 100.22 ng
RT: 5.798 min Scan# 495
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:112 Resp: 724627
Ion Ratio Lower Upper
112 100
64 64.8 32.8 49.2#
63 34.2 17.0 25.4#

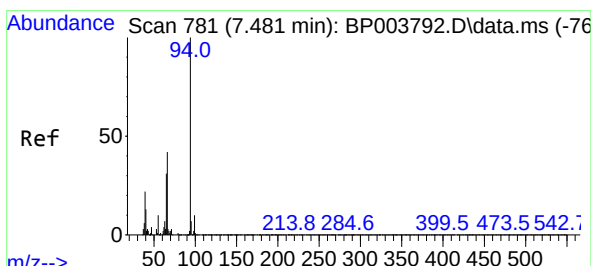
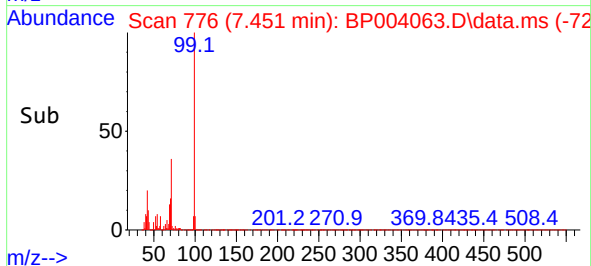
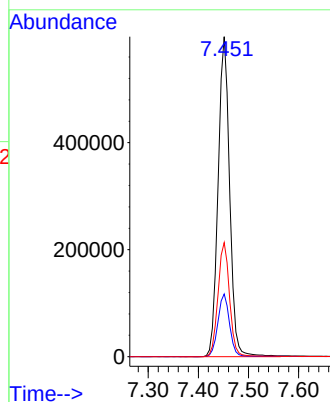
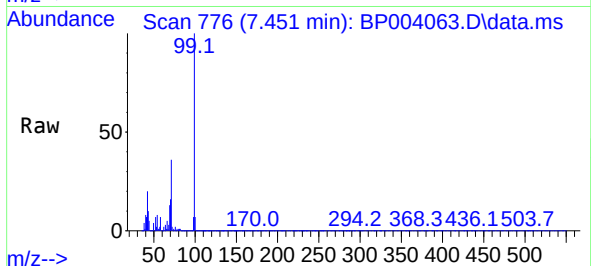




#7
Phenol-d6
Concen: 92.15 ng
RT: 7.451 min Scan# 776
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

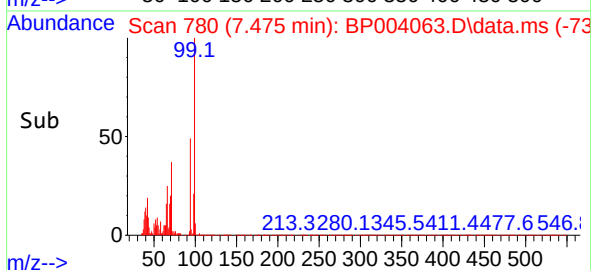
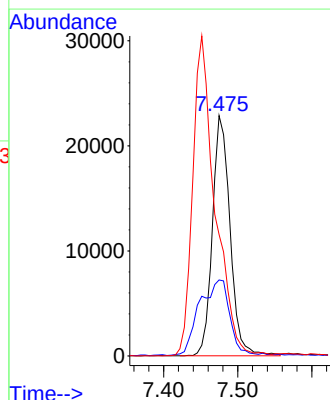
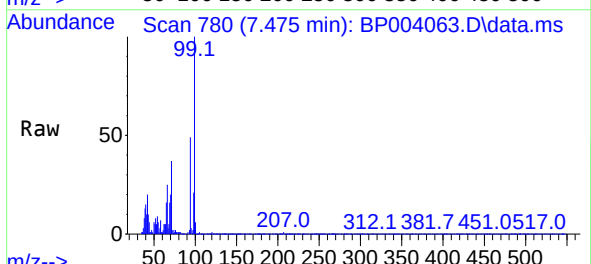
Instrument :
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ClientSampleId :
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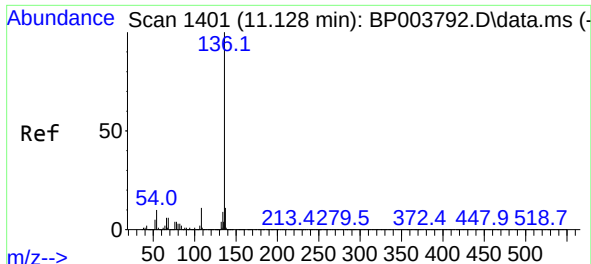
Tgt Ion: 99 Resp: 956458
Ion Ratio Lower Upper
99 100
42 19.6 8.6 13.0#
71 35.7 23.4 35.2#



#10
Phenol
Concen: 3.79 ng
RT: 7.475 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion: 94 Resp: 37915
Ion Ratio Lower Upper
94 100
65 31.6 2.3 42.3
66 50.6 10.9 50.9

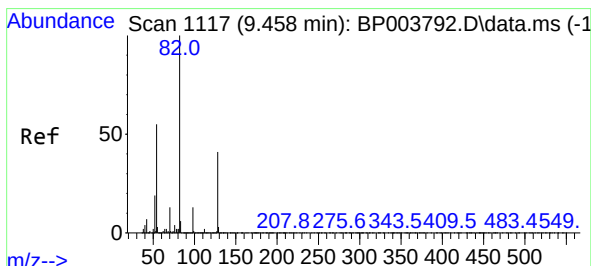
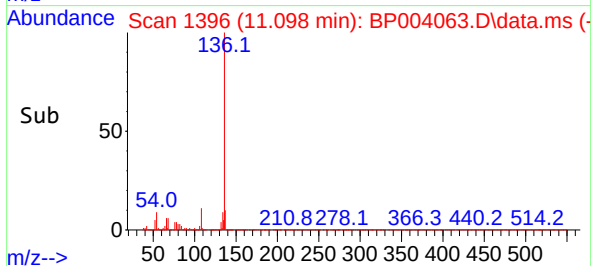
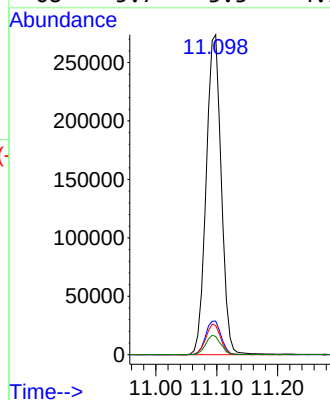
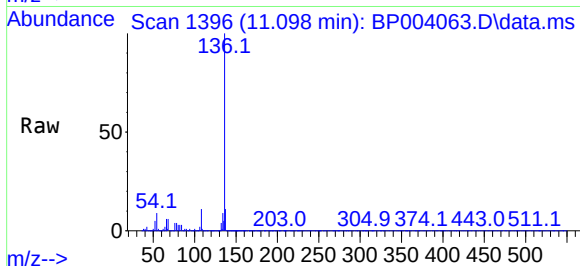




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

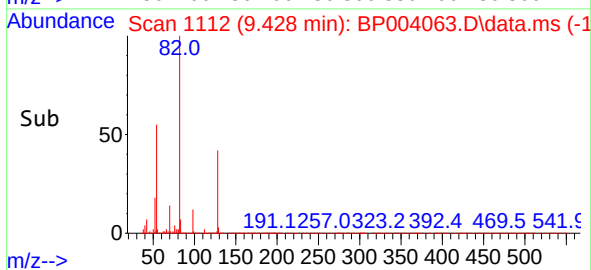
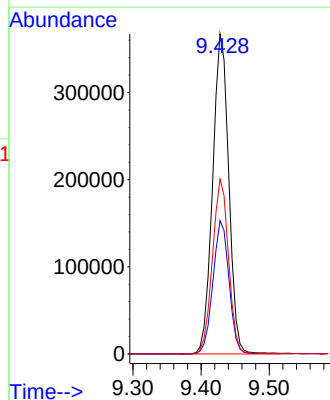
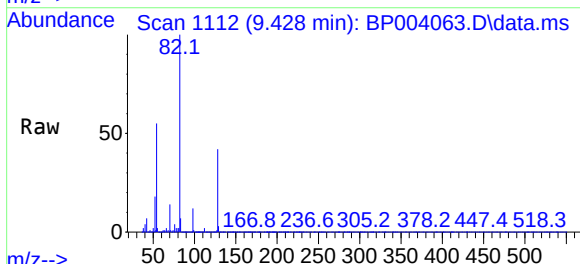
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

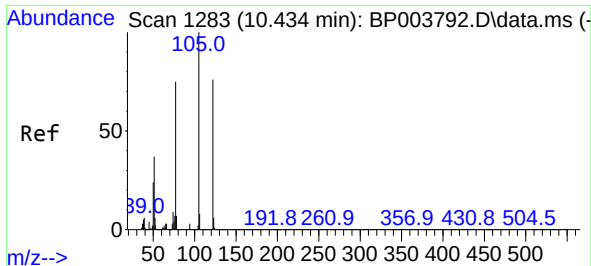
Tgt Ion:	136	Resp:	471776
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	9.1	3.6	5.4#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 62.72 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:	82	Resp:	604171
Ion	Ratio	Lower	Upper
82	100		
128	41.7	45.6	68.4#
54	54.6	30.1	45.1#

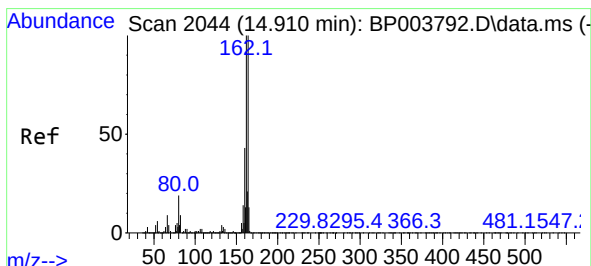
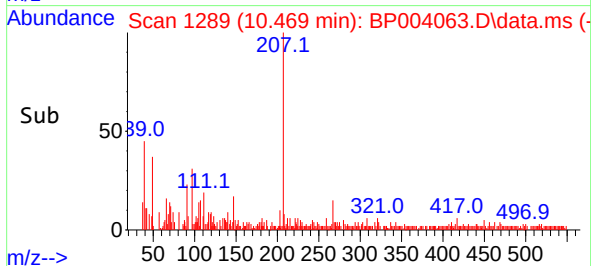
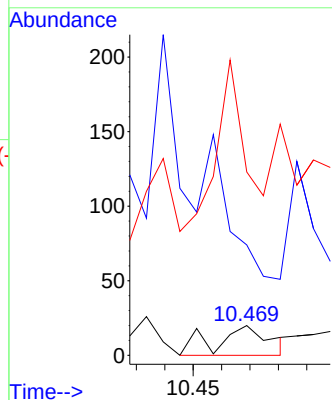
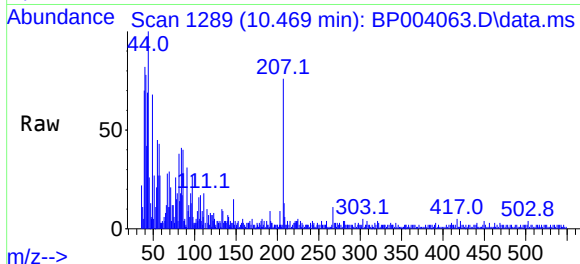




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.469 min Scan# 1289
Delta R.T. 0.012 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

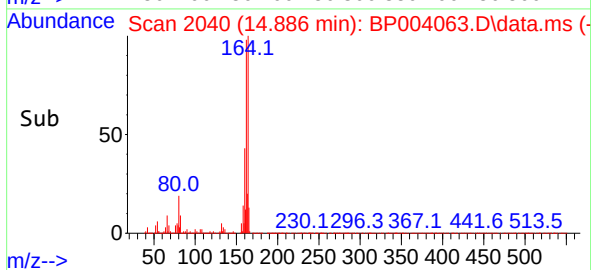
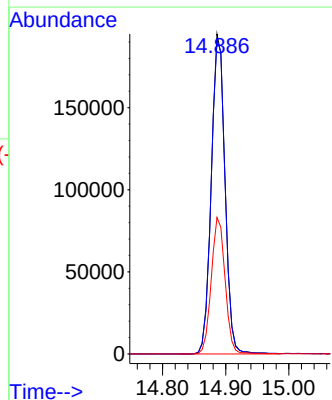
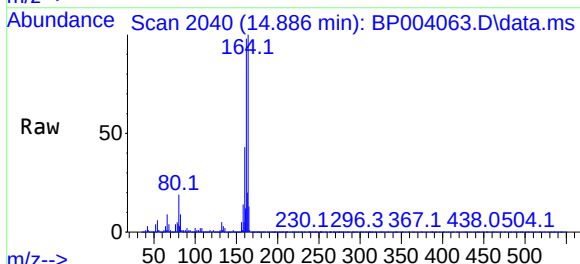
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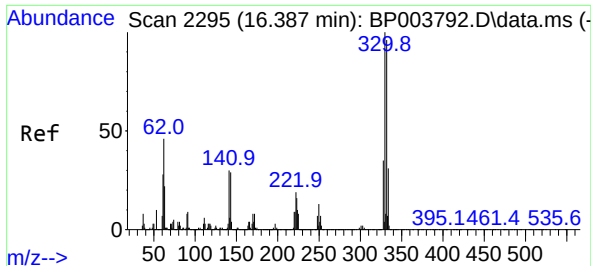
Tgt Ion:122 Resp: 26
Ion Ratio Lower Upper
122 100
105 370.0 94.1 134.1#
77 615.0 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:164 Resp: 292620
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.2
160 42.6 36.1 54.1

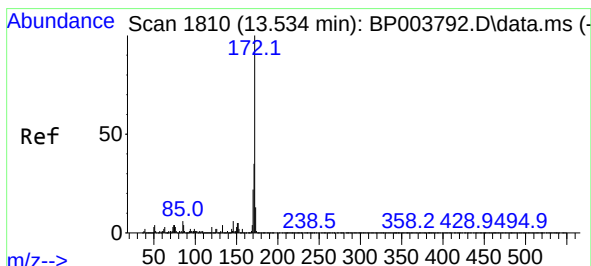
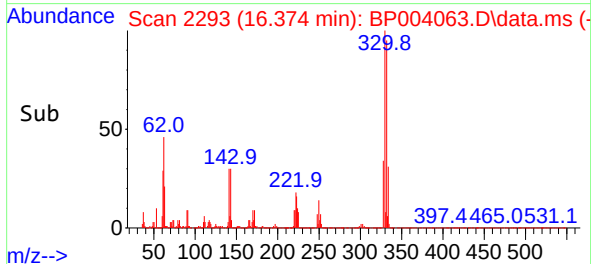
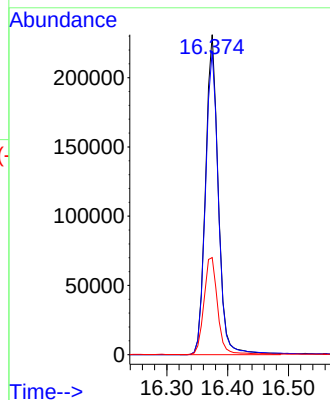
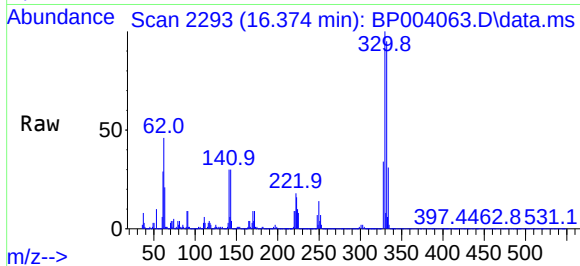




#42
2,4,6-Tribromophenol
Concen: 92.03 ng
RT: 16.374 min Scan# 2293
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

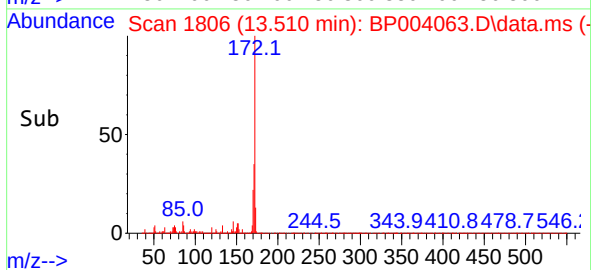
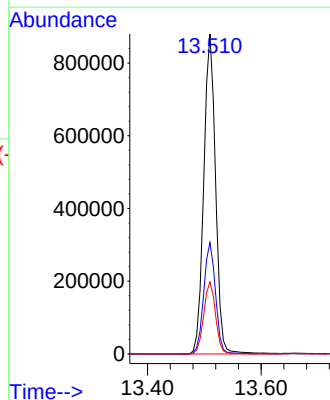
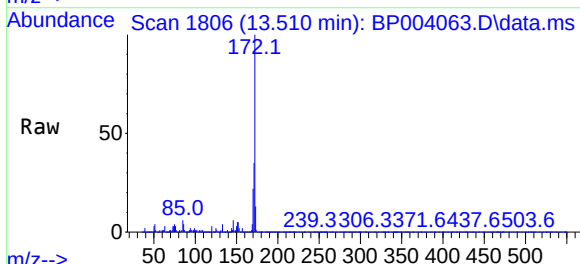
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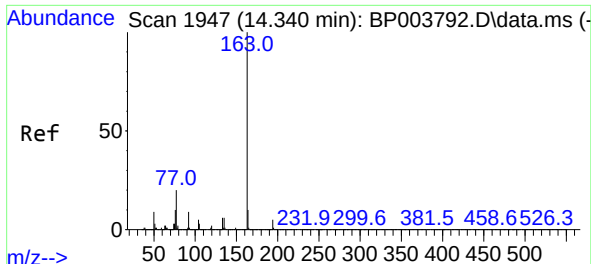
Tgt Ion:330 Resp: 336816
Ion Ratio Lower Upper
330 100
332 97.2 77.1 115.7
141 32.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 60.68 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:172 Resp: 1270129
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.5 19.2 28.8

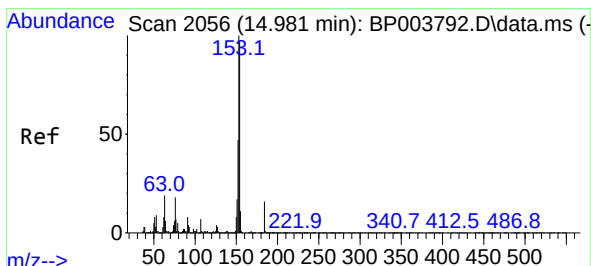
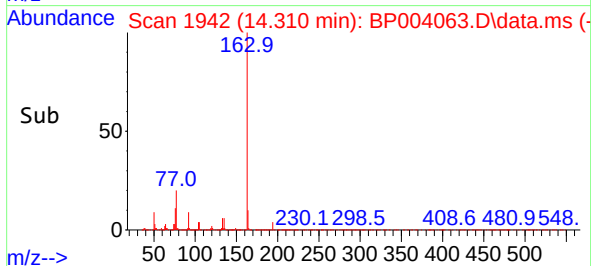
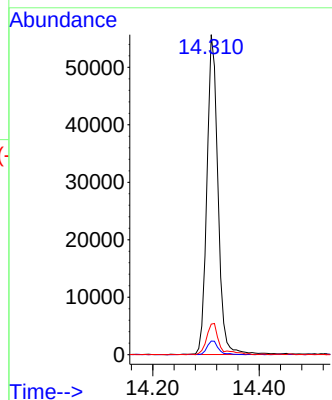
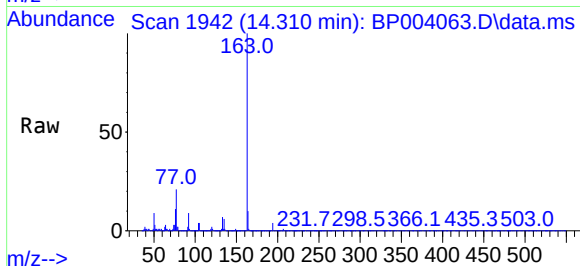




#50
Dimethylphthalate
Concen: 3.51 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

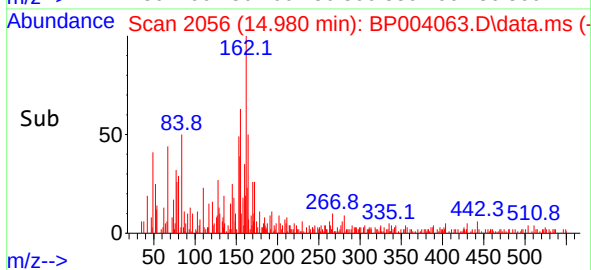
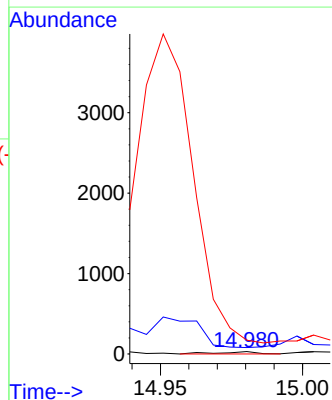
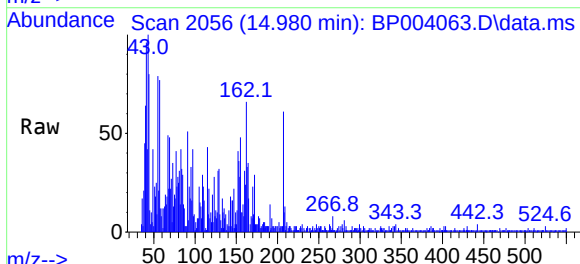
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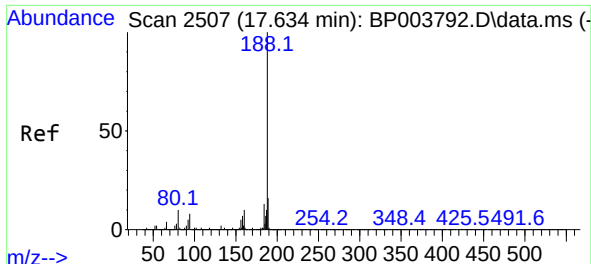
Tgt Ion:163 Resp: 80224
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 9.5 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.980 min Scan# 2056
Delta R.T. -0.012 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 263.3 32.3 48.5#
154 573.3 49.1 73.7#

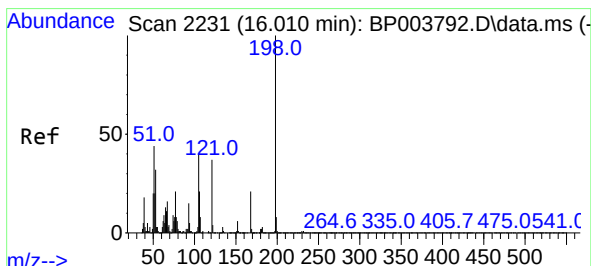
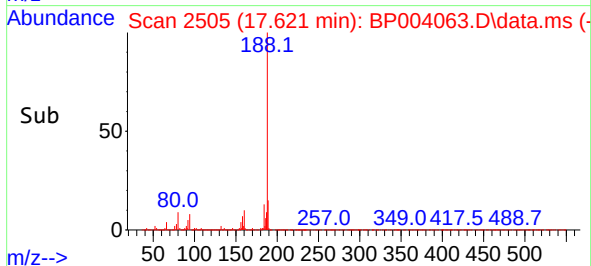
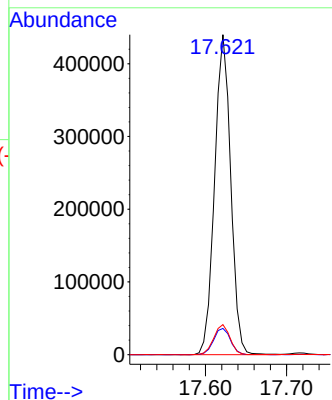
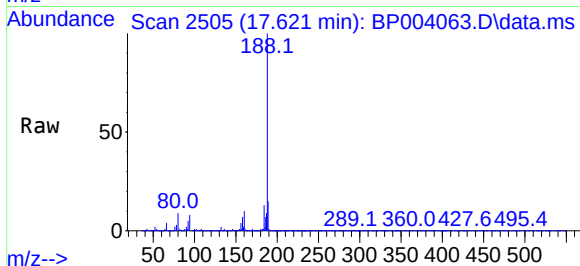




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.621 min Scan# 2505
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

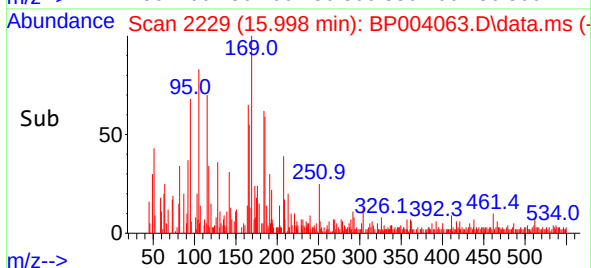
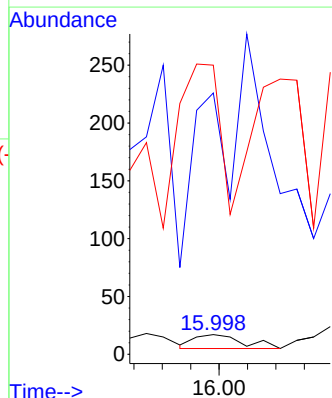
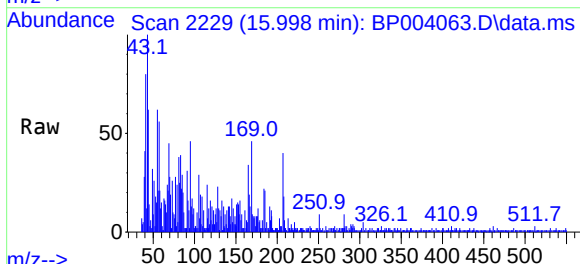
Instrument :
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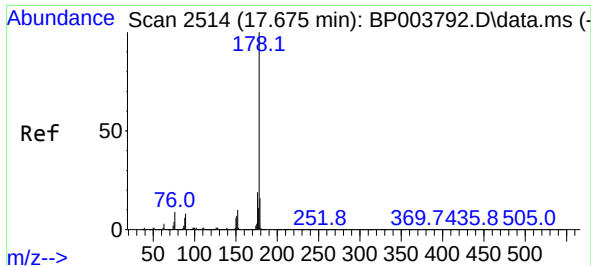
Tgt Ion:188 Resp: 605861
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 9.4 6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.998 min Scan# 2229
Delta R.T. -0.018 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:198 Resp: 14
Ion Ratio Lower Upper
198 100
51 1329.4 6.4 46.4#
105 1470.6 18.9 58.9#

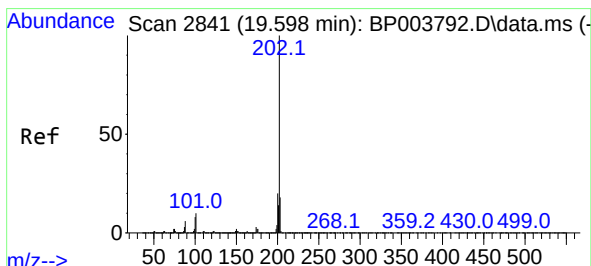
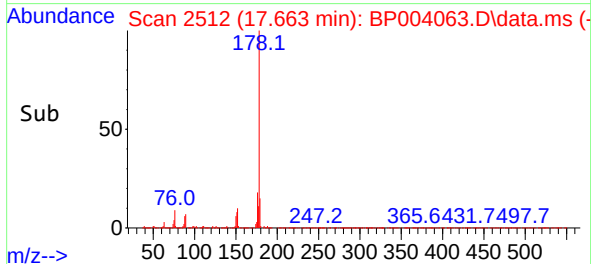
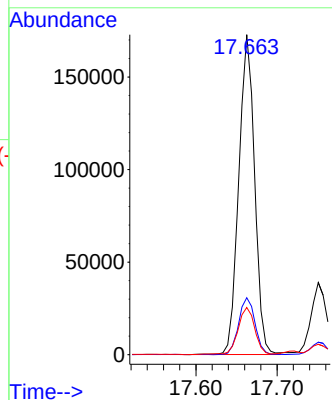
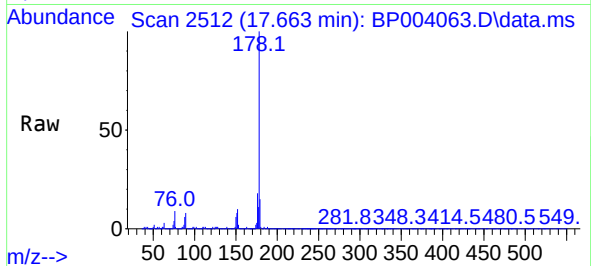




#71
Phenanthrene
Concen: 6.88 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

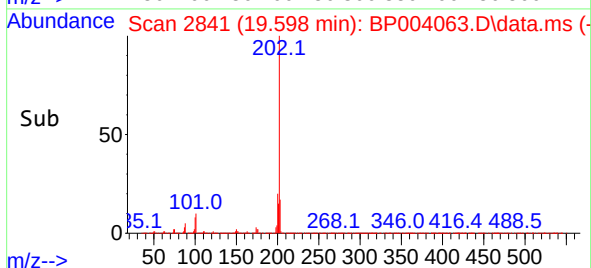
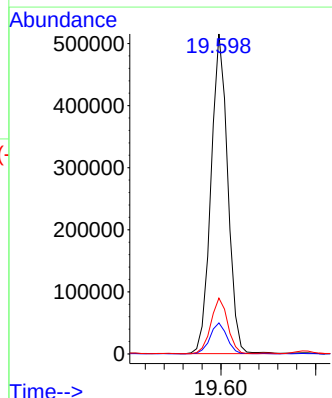
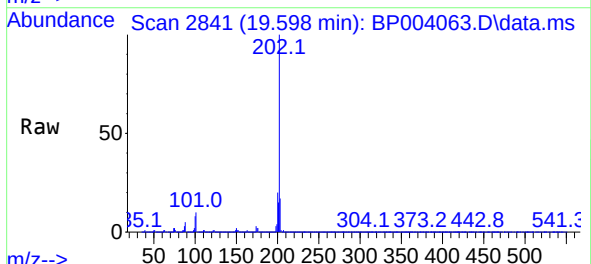
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

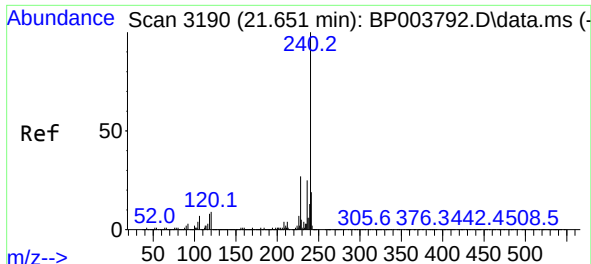
Tgt Ion:178 Resp: 234035
Ion Ratio Lower Upper
178 100
176 17.8 15.3 22.9
179 14.8 12.5 18.7



#75
Fluoranthene
Concen: 16.09 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:202 Resp: 631094
Ion Ratio Lower Upper
202 100
101 9.7 0.0 29.4
203 17.5 0.0 37.8

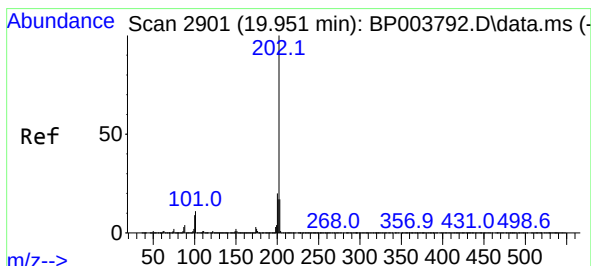
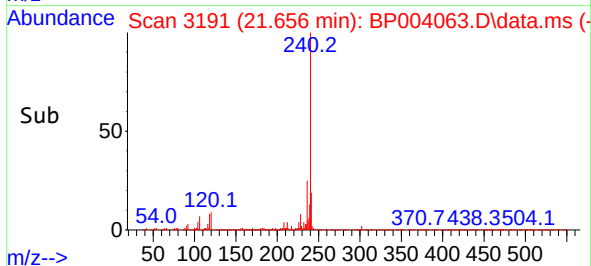
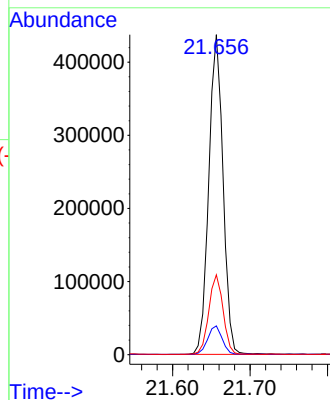
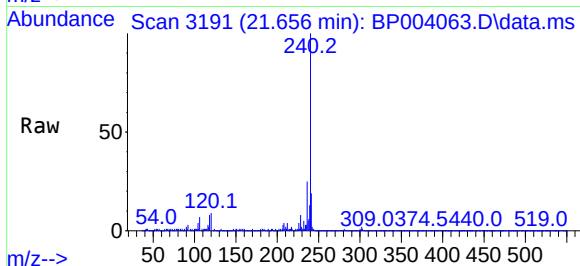




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.656 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

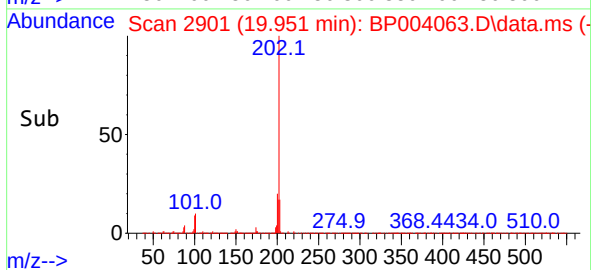
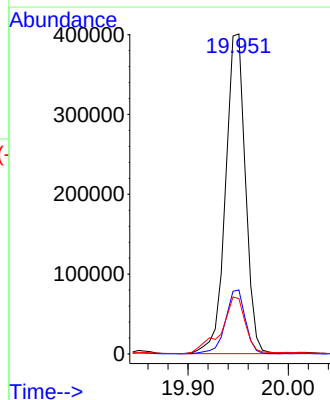
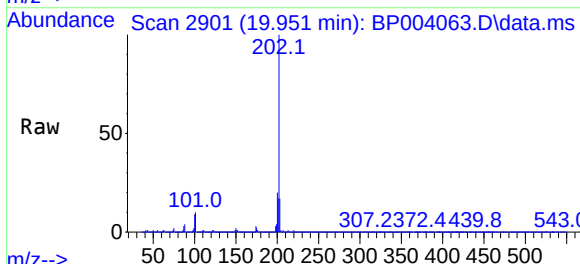
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

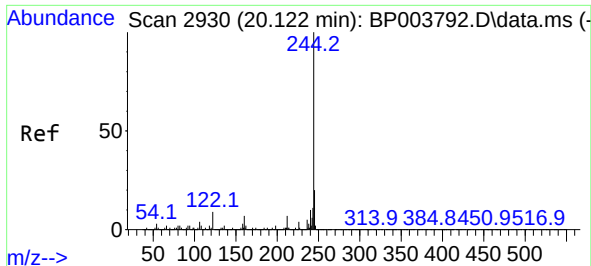
Tgt Ion:240	Resp: 558011
Ion Ratio	Lower Upper
240 100	
120 9.0	7.8 11.6
236 24.9	20.8 31.2



#78
Pyrene
Concen: 14.51 ng
RT: 19.951 min Scan# 2901
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:202	Resp: 549625
Ion Ratio	Lower Upper
202 100	
200 20.0	17.1 25.7
203 17.3	14.2 21.2



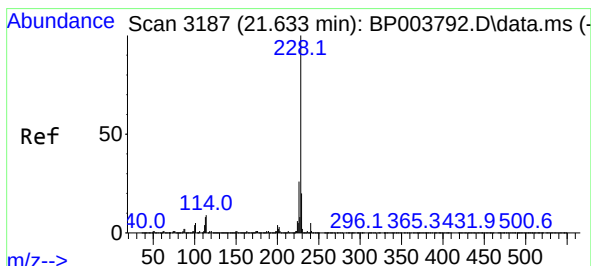
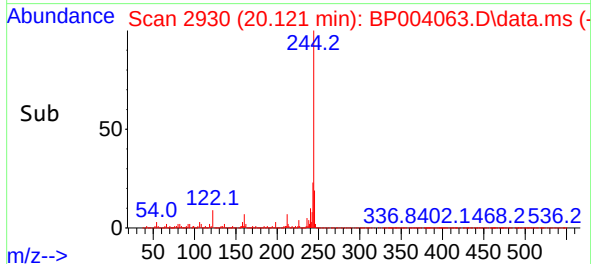
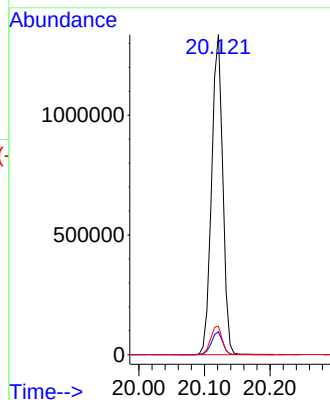
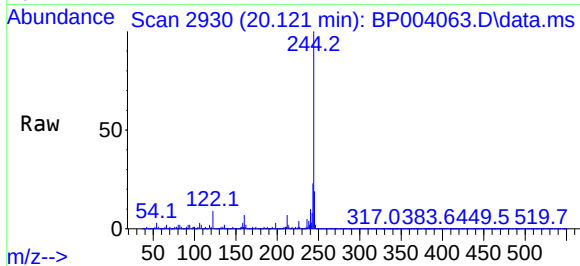


#79
 Terphenyl-d14
 Concen: 54.72 ng
 RT: 20.121 min Scan# 2930
 Delta R.T. -0.000 min
 Lab File: BP004063.D
 Acq: 23 Nov 2020 19:38

Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-WEST

Tgt Ion:244 Resp: 1580461

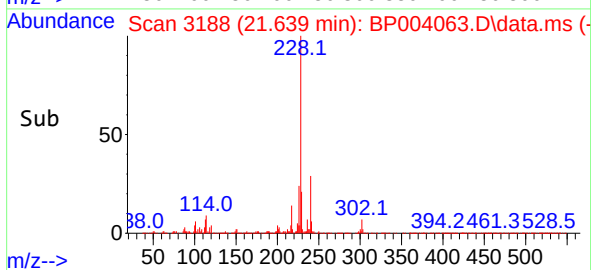
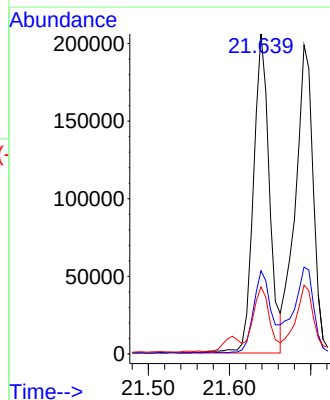
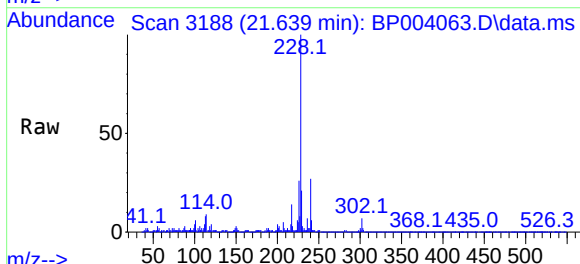
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	8.9	7.8	11.8

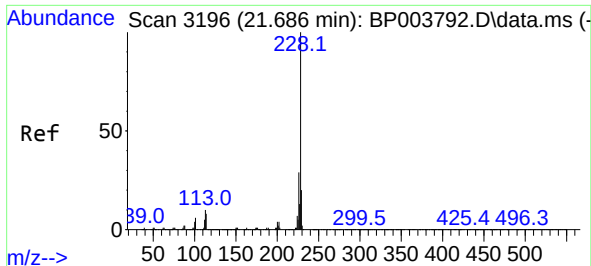


#81
 Benzo(a)anthracene
 Concen: 7.68 ng
 RT: 21.639 min Scan# 3188
 Delta R.T. -0.006 min
 Lab File: BP004063.D
 Acq: 23 Nov 2020 19:38

Tgt Ion:228 Resp: 282473

Ion	Ratio	Lower	Upper
228	100		
226	26.0	22.1	33.1
229	20.9	15.9	23.9

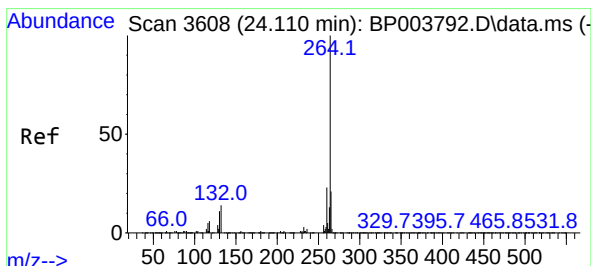
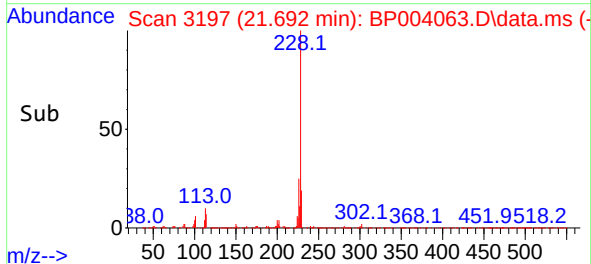
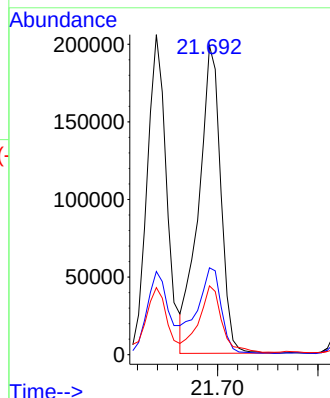
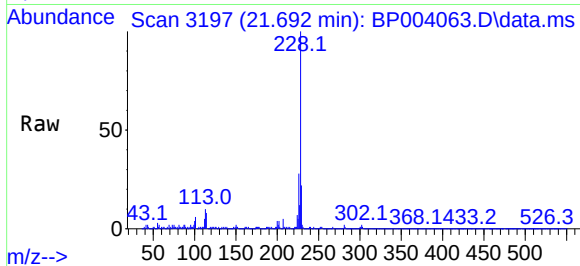




#83
Chrysene
Concen: 8.59 ng
RT: 21.692 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

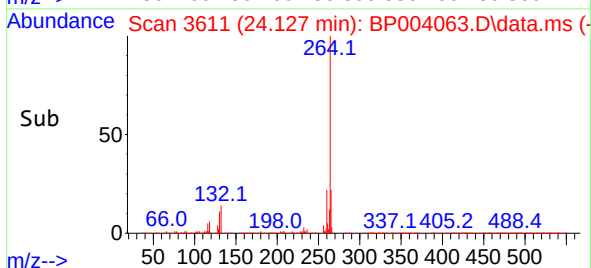
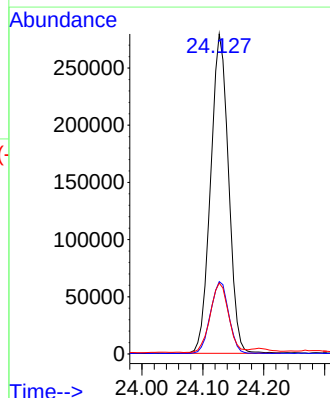
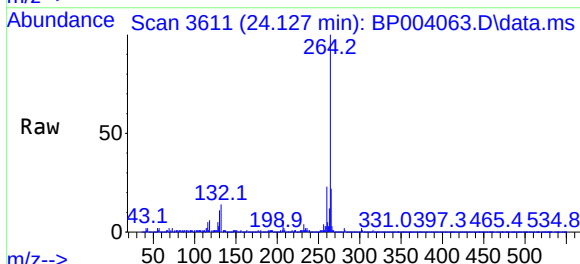
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

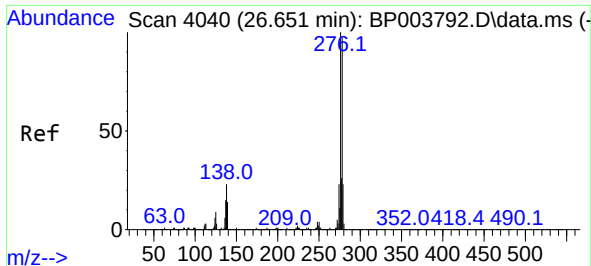
Tgt Ion:	228	Resp:	303605
Ion	Ratio	Lower	Upper
228	100		
226	28.1	24.4	36.6
229	22.3	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Tgt Ion:	264	Resp:	570564
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.8	28.2
265	22.1	17.4	26.2

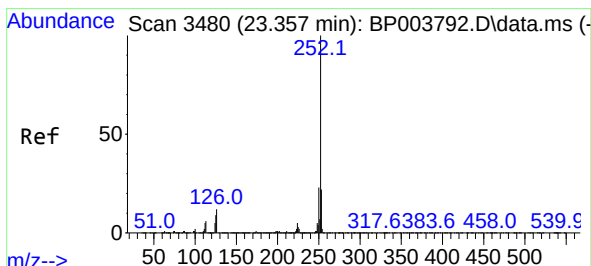
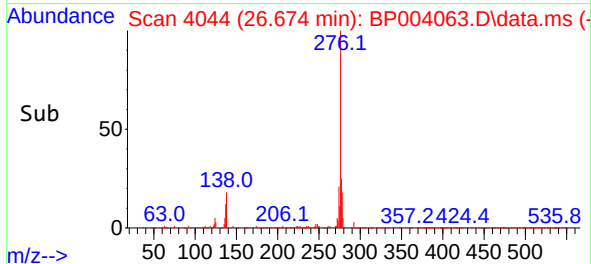
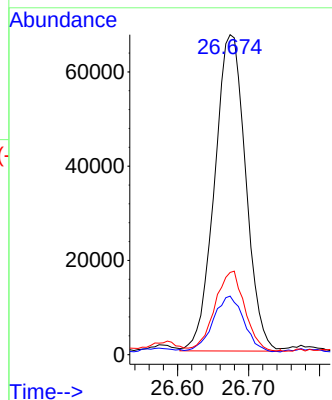
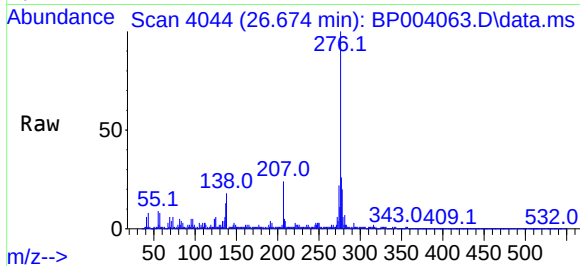




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.96 ng
 RT: 26.674 min Scan# 4044
 Delta R.T. -0.018 min
 Lab File: BP004063.D
 Acq: 23 Nov 2020 19:38

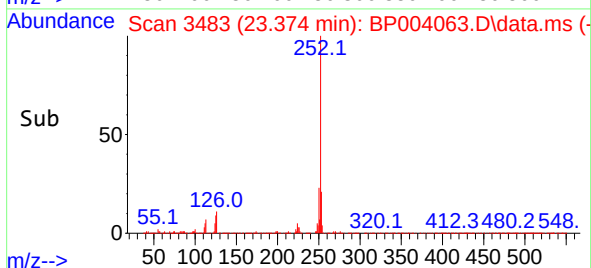
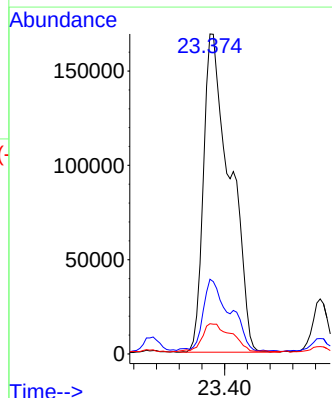
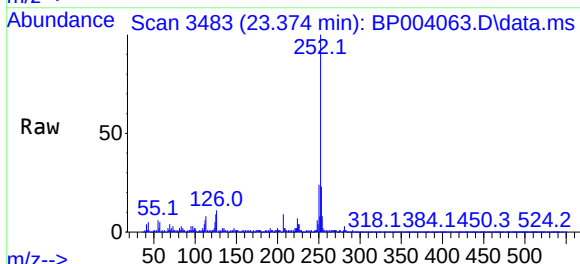
Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-WEST

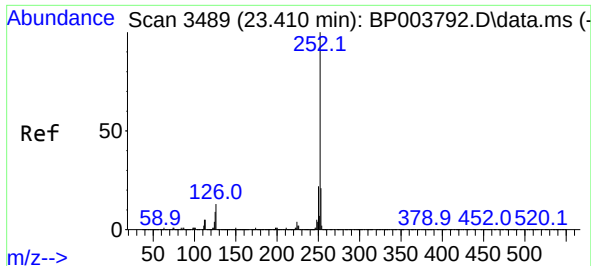
Tgt Ion:	276	Resp:	204285
Ion Ratio	Lower	Upper	
276	100		
138	17.7	18.7	28.1#
277	24.5	20.4	30.6



#88
 Benzo(b)fluoranthene
 Concen: 14.70 ng
 RT: 23.374 min Scan# 3483
 Delta R.T. -0.006 min
 Lab File: BP004063.D
 Acq: 23 Nov 2020 19:38

Tgt Ion:	252	Resp:	548794
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	9.5	7.3	10.9

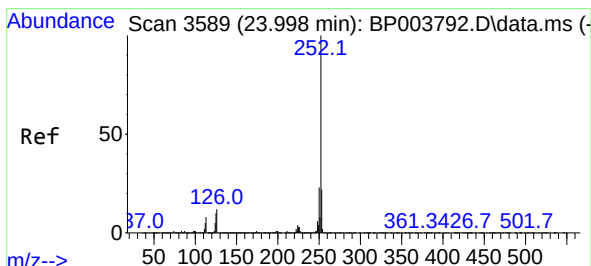
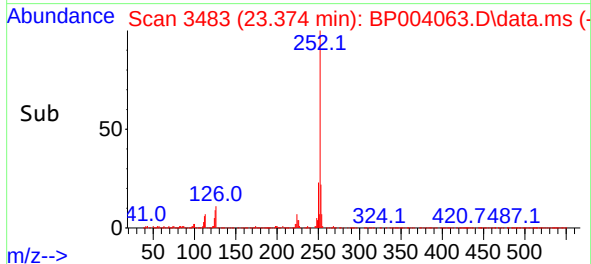
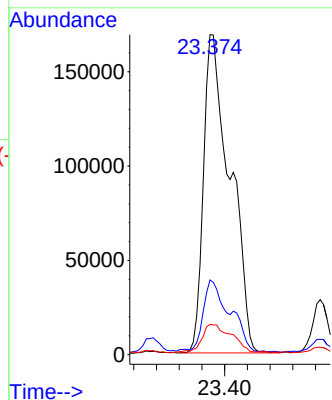
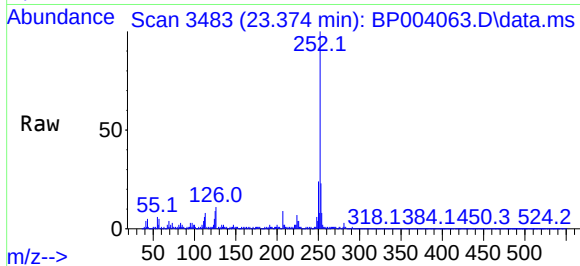




#89
Benzo(k)fluoranthene
Concen: 14.89 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.053 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

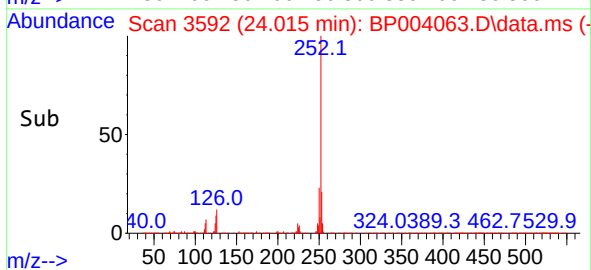
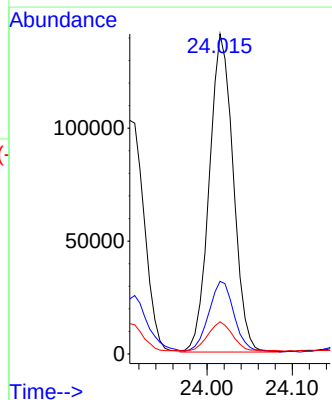
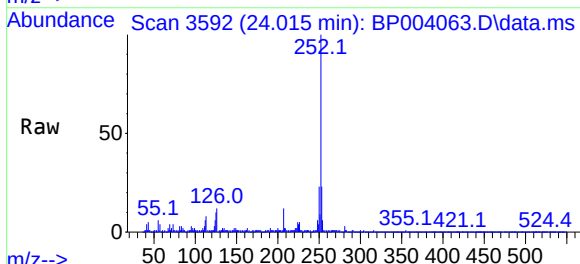
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

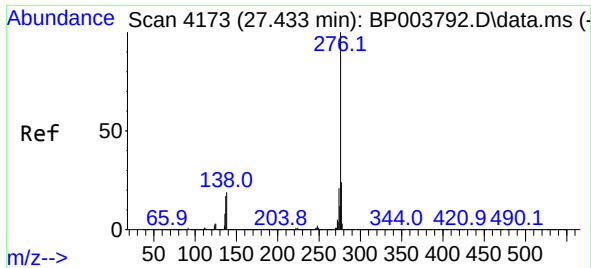
Tgt Ion:252 Resp: 548794
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 7.95 ng
RT: 24.015 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

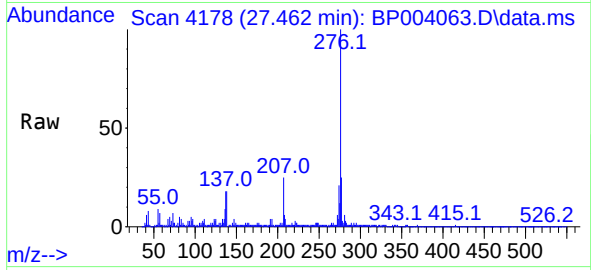
Tgt Ion:252 Resp: 274769
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 10.0 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 6.13 ng
RT: 27.462 min Scan# 4178
Delta R.T. -0.018 min
Lab File: BP004063.D
Acq: 23 Nov 2020 19:38

Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST



Tgt Ion:276 Resp: 203725
Ion Ratio Lower Upper
276 100
277 25.2 19.0 28.6
138 17.9 16.6 24.8

