

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112320\
 Data File : BP004064.D
 Acq On : 23 Nov 2020 20:12
 Operator : CG/JU
 Sample : L4857-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 304EM-STOCKPILE

Quant Time: Nov 24 06:23:52 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)

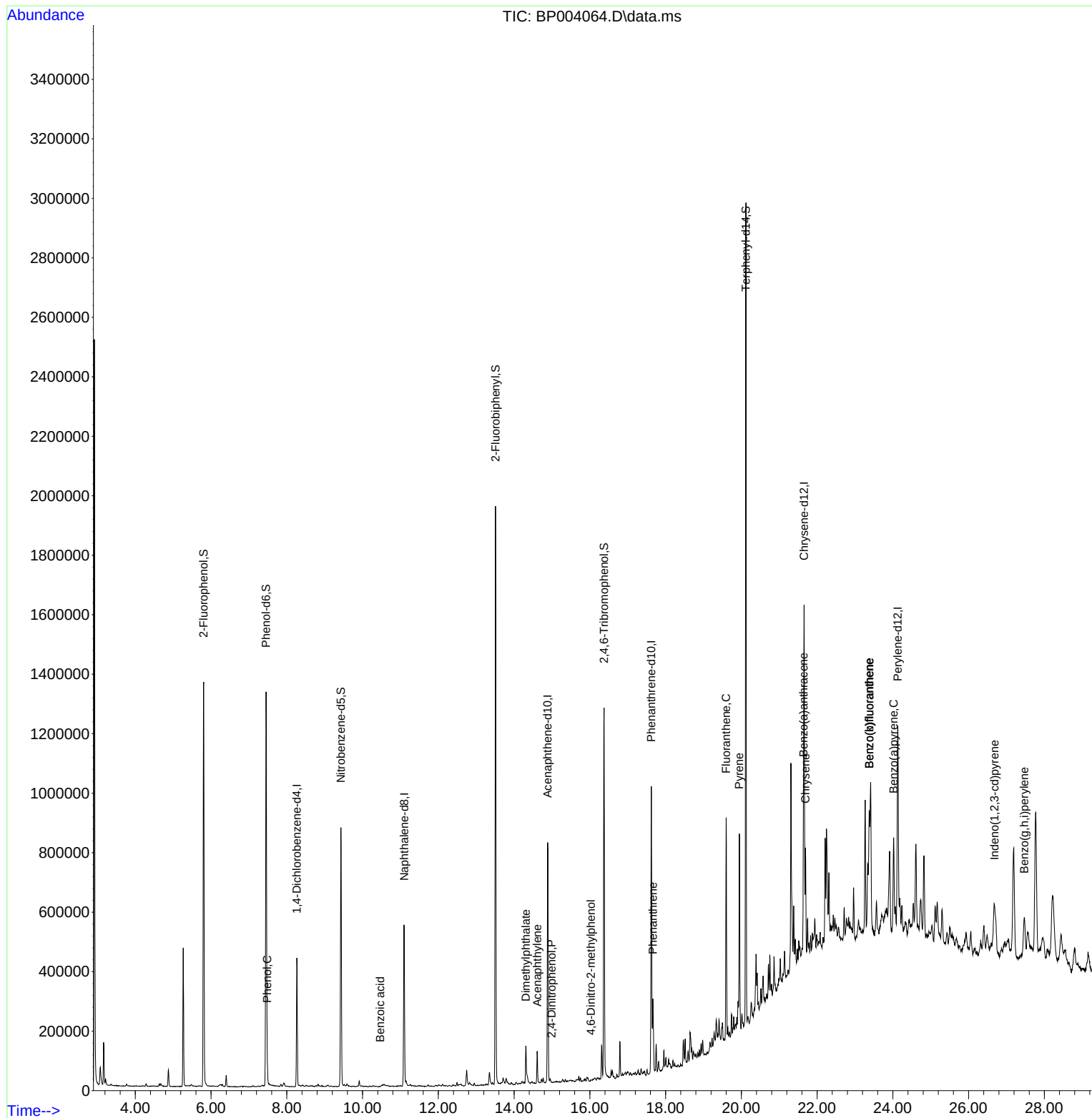
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	115482	20.00	ng	0.00
21) Naphthalene-d8	11.098	136	447287	20.00	ng	# 0.00
39) Acenaphthene-d10	14.886	164	281565	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	566323	20.00	ng	0.00
76) Chrysene-d12	21.657	240	517122	20.00	ng	0.00
86) Perylene-d12	24.127	264	544532	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	585830	84.67	ng	0.00
7) Phenol-d6	7.451	99	747211	75.23	ng	0.00
23) Nitrobenzene-d5	9.428	82	480845	52.65	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	253108	71.87	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	1001281	49.72	ng	0.00
79) Terphenyl-d14	20.121	244	1179742	44.08	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.369	77	1735	Below Cal	#	67
10) Phenol	7.481	94	39431	4.11 ng		78
32) Benzoic acid	10.463	122	61	8.32 ng	#	1
49) Acenaphthylene	14.610	152	78329	2.97 ng		99
50) Dimethylphthalate	14.310	163	80953	3.68 ng	#	98
54) 2,4-Dinitrophenol	14.986	184	13	2.74 ng	#	1
65) 4,6-Dinitro-2-methylph...	16.028	198	22	6.35 ng	#	1
71) Phenanthrene	17.663	178	137242	4.32 ng		98
75) Fluoranthene	19.598	202	421316	11.49 ng		98
78) Pyrene	19.945	202	404148	11.52 ng		98
81) Benzo(a)anthracene	21.639	228	208201	6.11 ng		97
83) Chrysene	21.692	228	231521	7.07 ng		97
87) Indeno(1,2,3-cd)pyrene	26.680	276	167843	4.27 ng	#	94
88) Benzo(b)fluoranthene	23.380	252	433192	12.16 ng	#	97
89) Benzo(k)fluoranthene	23.380	252	433192	12.31 ng	#	97
90) Benzo(a)pyrene	24.021	252	217253	6.59 ng		98
92) Benzo(g,h,i)perylene	27.474	276	178441	5.63 ng		97

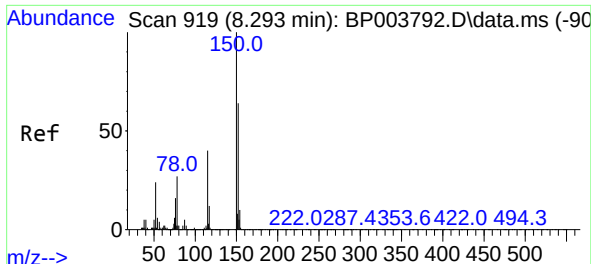
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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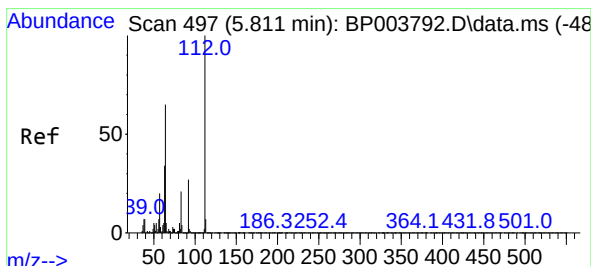
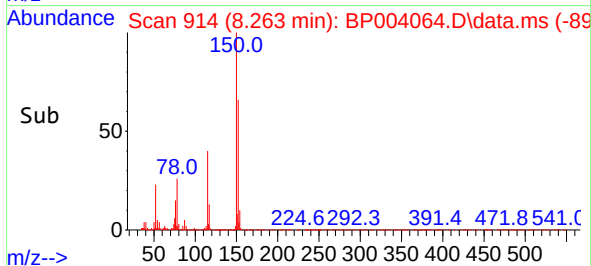
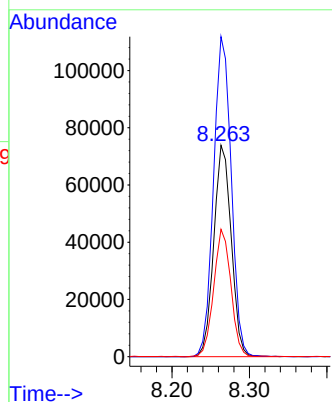
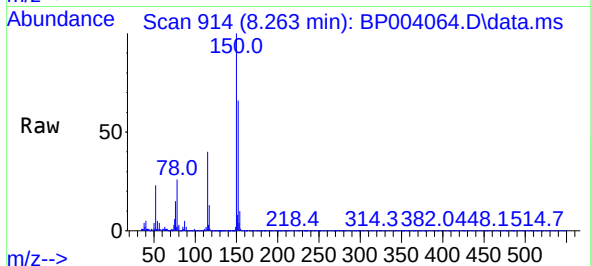




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

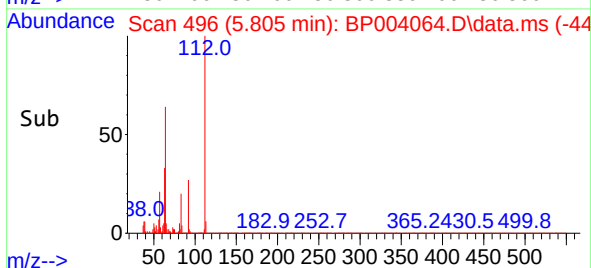
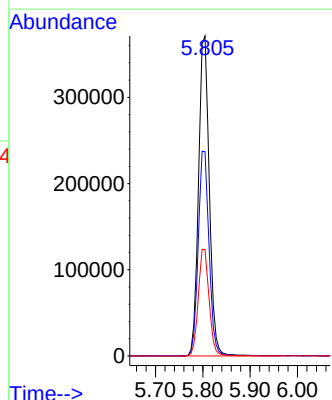
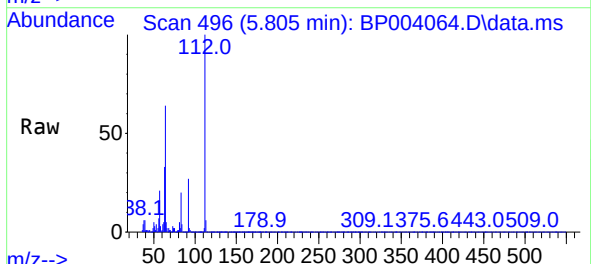
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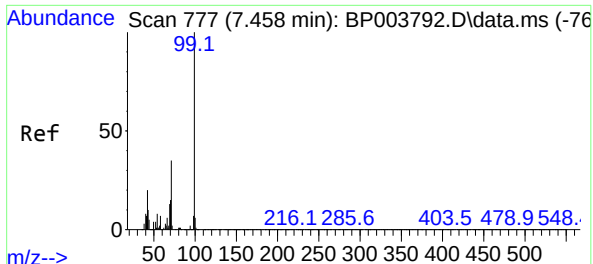
Tgt Ion:152 Resp: 115482
Ion Ratio Lower Upper
152 100
150 151.4 123.8 185.6
115 60.3 43.8 65.6



#5
2-Fluorophenol
Concen: 84.67 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:112 Resp: 585830
Ion Ratio Lower Upper
112 100
64 63.8 32.8 49.2#
63 33.2 17.0 25.4#

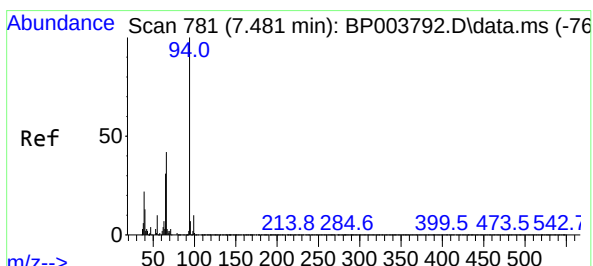
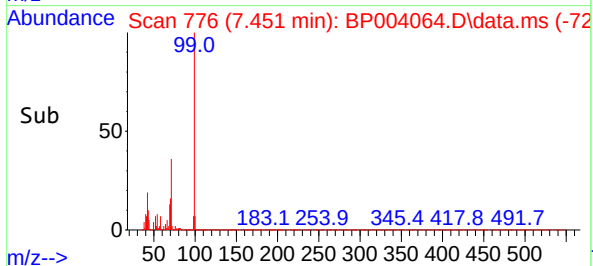
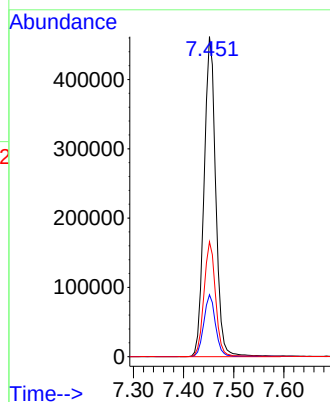
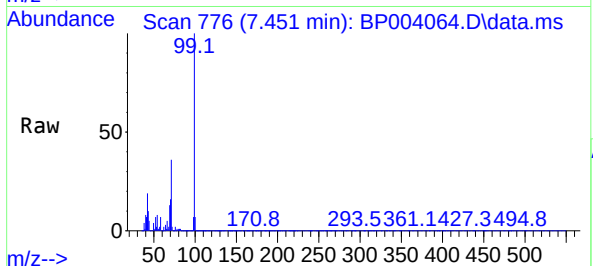




#7
Phenol-d6
Concen: 75.23 ng
RT: 7.451 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

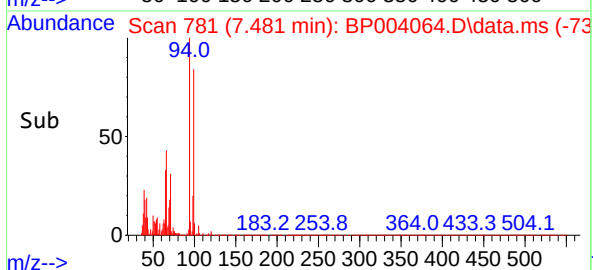
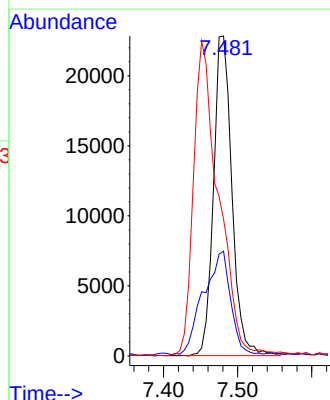
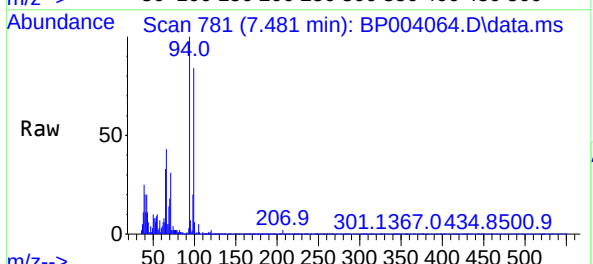
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ClientSampleId :
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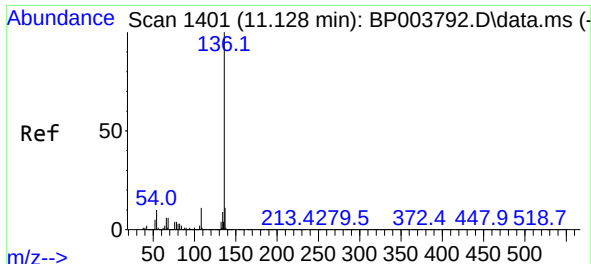
Tgt Ion: 99 Resp: 747211
Ion Ratio Lower Upper
99 100
42 19.3 8.6 13.0#
71 35.9 23.4 35.2#



#10
Phenol
Concen: 4.11 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion: 94 Resp: 39431
Ion Ratio Lower Upper
94 100
65 32.8 2.3 42.3
66 42.7 10.9 50.9

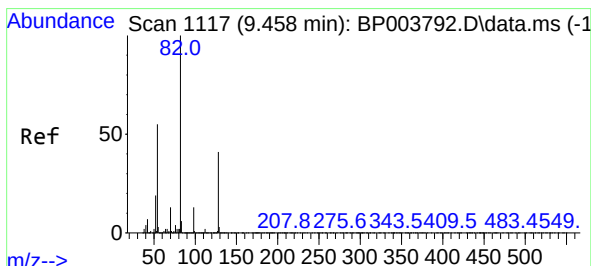
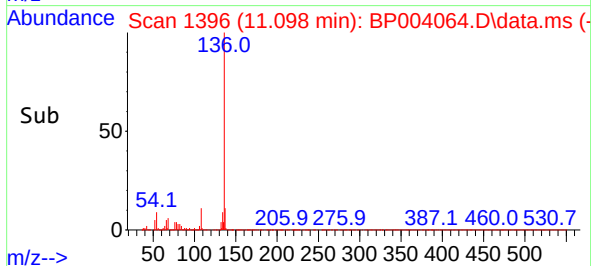
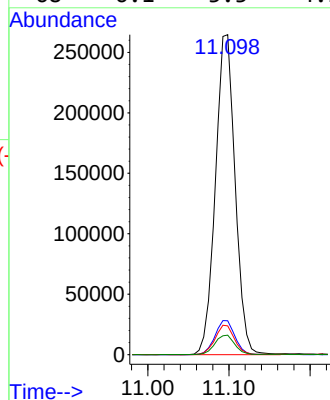
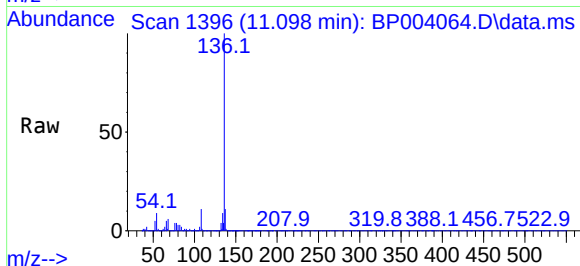




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.098 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

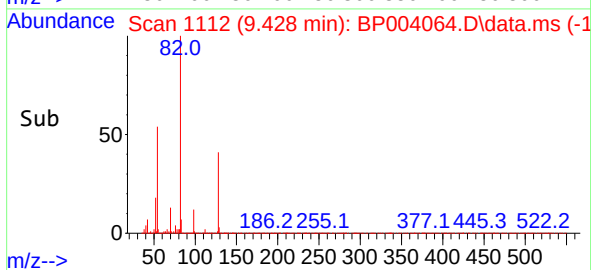
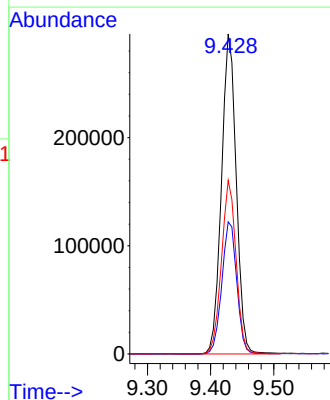
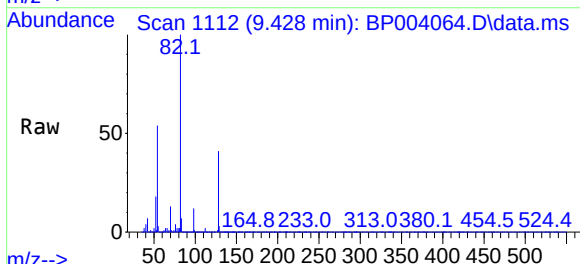
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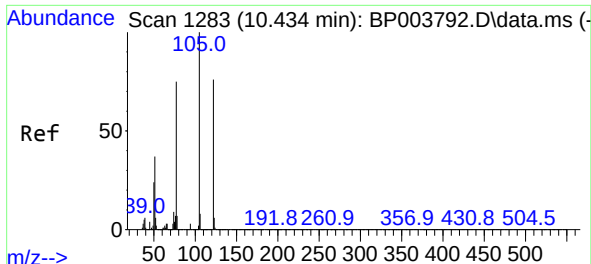
Tgt Ion:	136	Resp:	447287
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	3.6	5.4#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 52.65 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	82	Resp:	480845
Ion	Ratio	Lower	Upper
82	100		
128	41.3	45.6	68.4#
54	54.2	30.1	45.1#

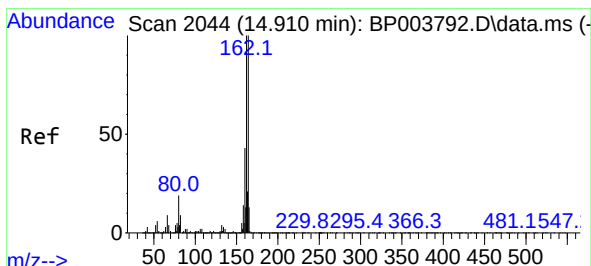
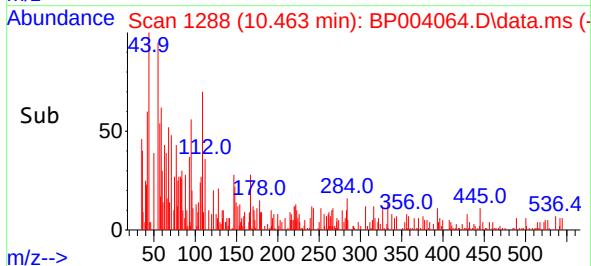
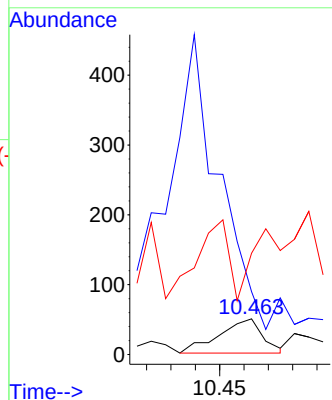
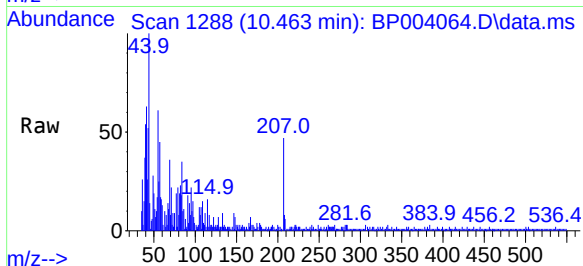




#32
Benzoic acid
Concen: 8.32 ng
RT: 10.463 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

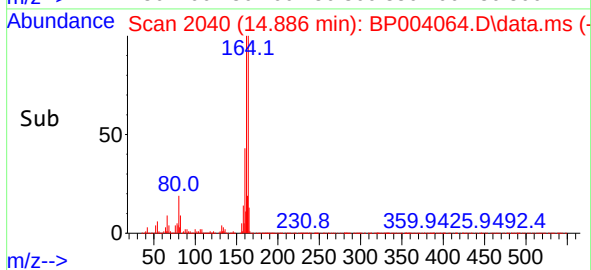
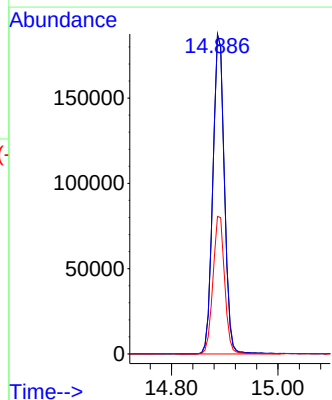
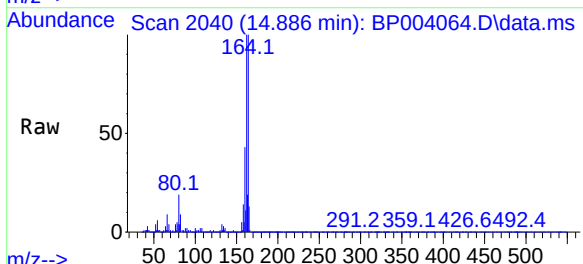
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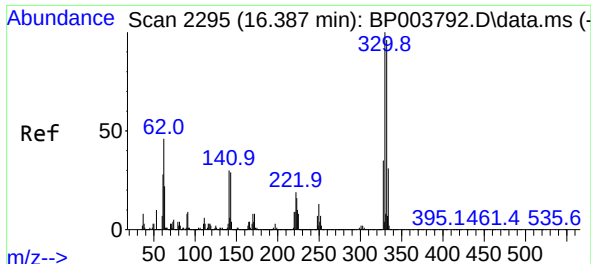
Tgt Ion:	122	Resp:	61
Ion	Ratio	Lower	Upper
122	100		
105	176.5	94.1	134.1#
77	284.3	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.886 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	164	Resp:	281565
Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.4	119.2
160	43.0	36.1	54.1

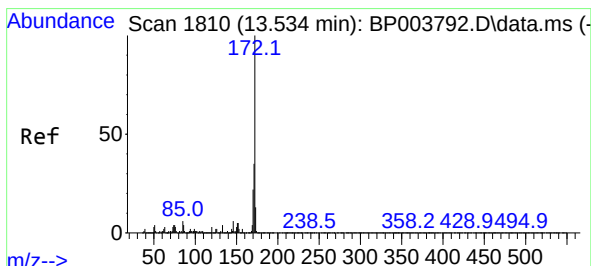
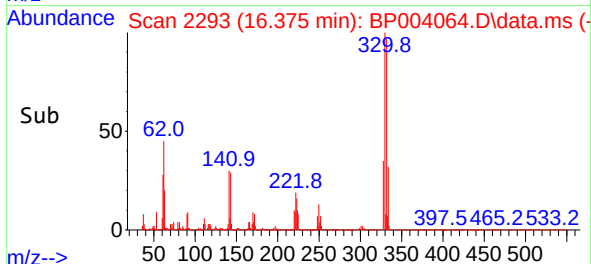
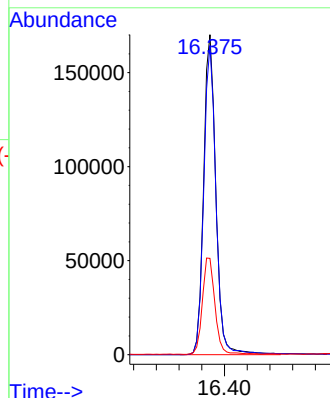
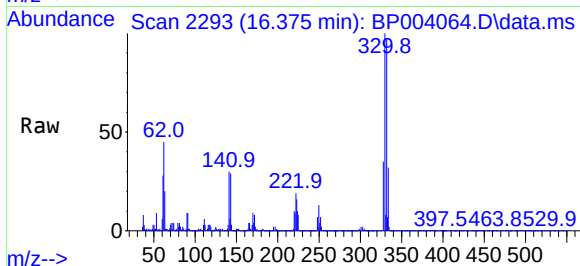




#42
2,4,6-Tribromophenol
Concen: 71.87 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

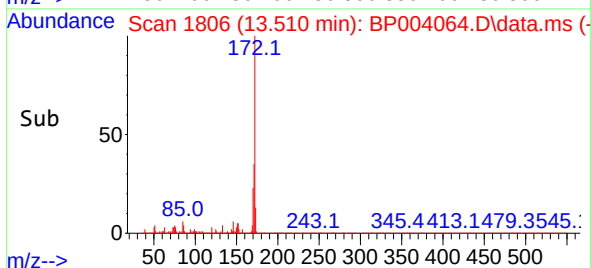
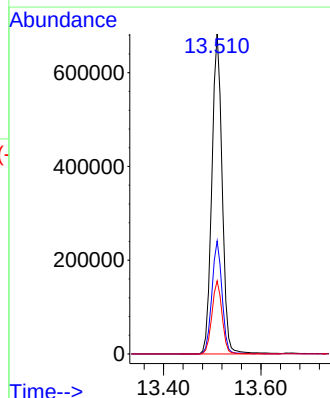
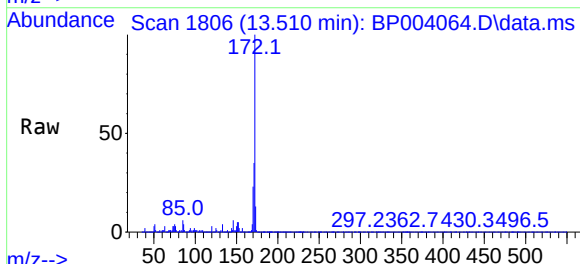
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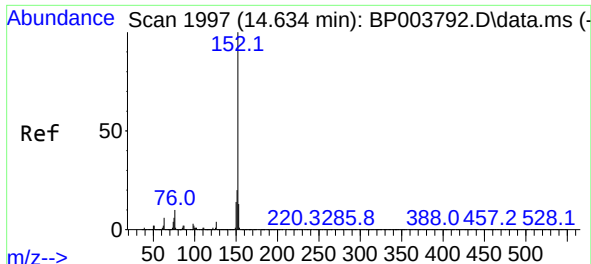
Tgt Ion:	330	Resp:	253108
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	31.1	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 49.72 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	172	Resp:	1001281
Ion Ratio	Lower	Upper	
172	100		
171	35.3	28.5	42.7
170	22.9	19.2	28.8

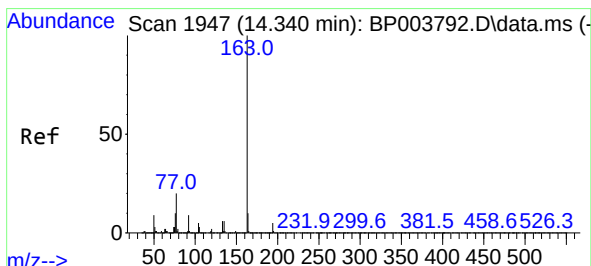
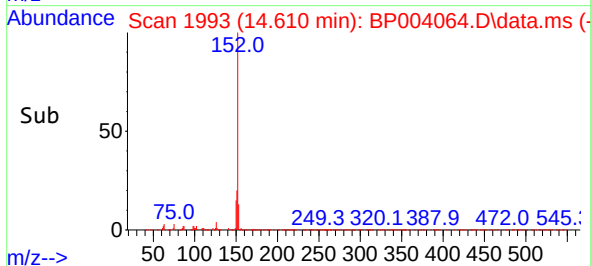
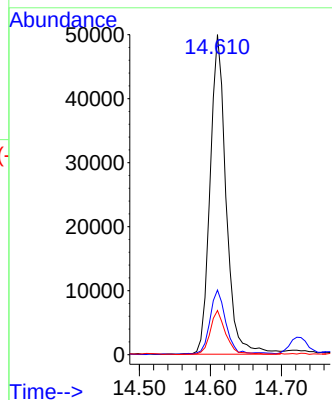
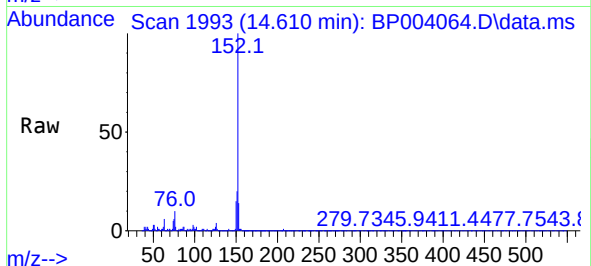




#49
Acenaphthylene
Concen: 2.97 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

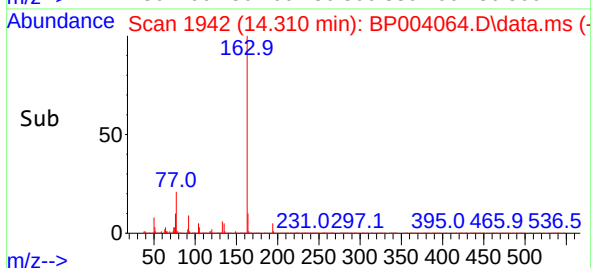
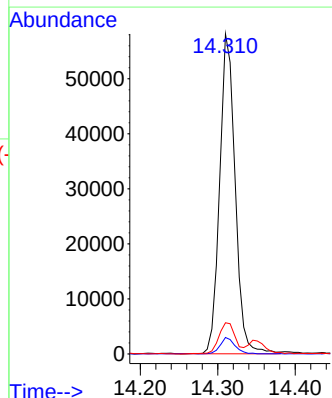
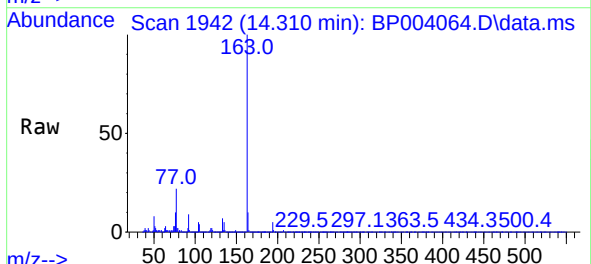
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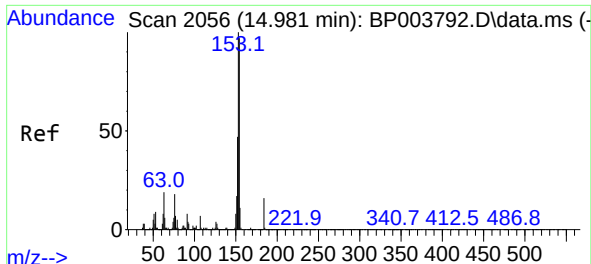
Tgt Ion:	152	Resp:	78329
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.8	10.5	15.7



#50
Dimethylphthalate
Concen: 3.68 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	163	Resp:	80953
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.3	4.9#
164	9.8	8.2	12.2

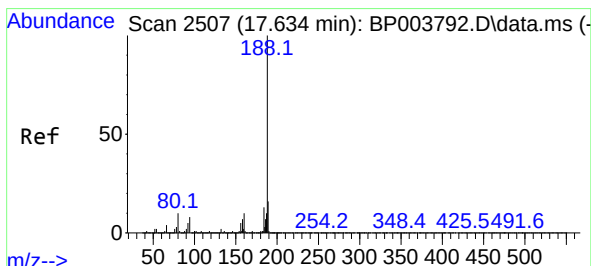
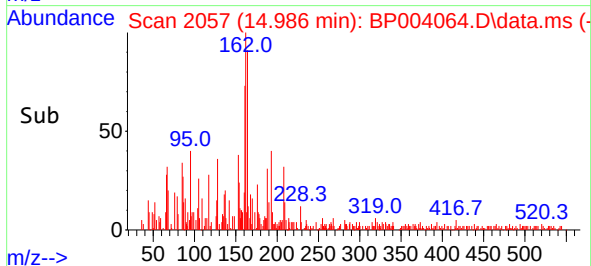
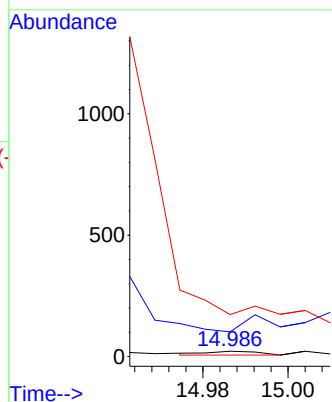
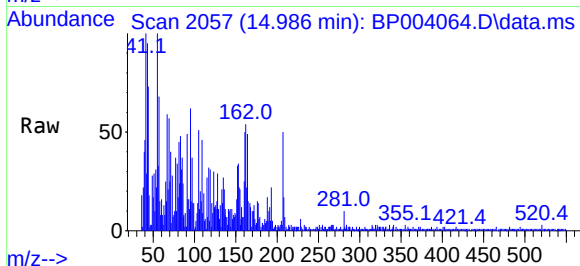




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.986 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

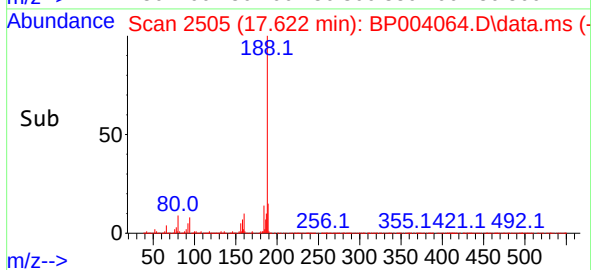
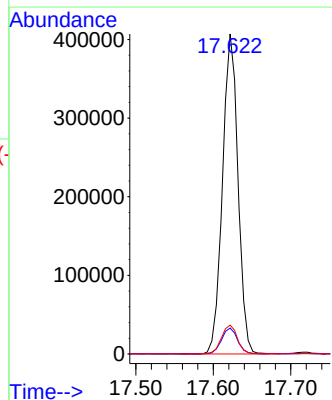
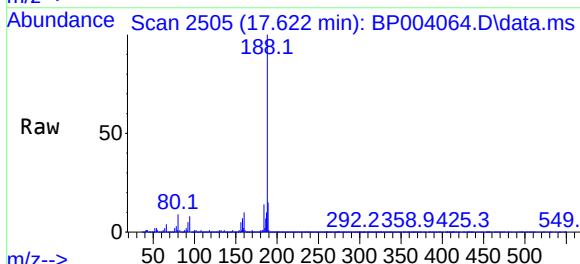
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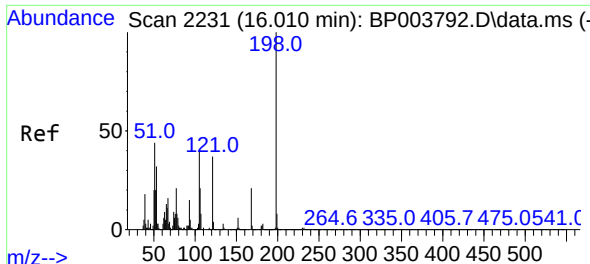
Tgt Ion:	184	Resp:	13
Ion	Ratio	Lower	Upper
184	100		
63	463.6	32.3	48.5#
154	786.4	49.1	73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	188	Resp:	566323
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.2
80	9.0	6.2	9.2

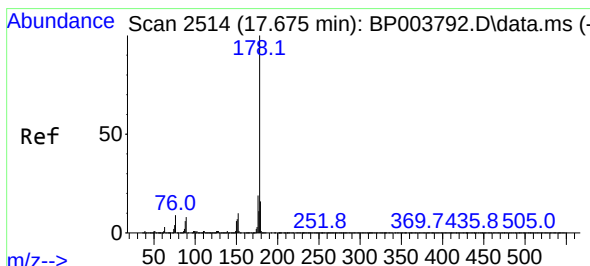
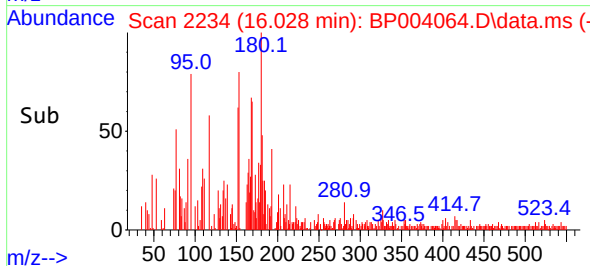
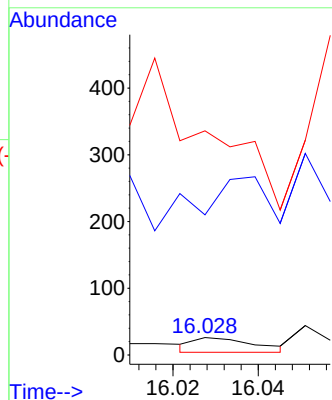
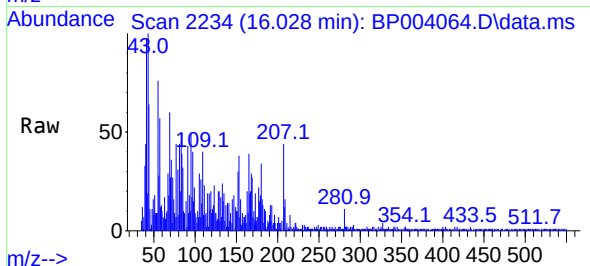




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 16.028 min Scan# 2234
Delta R.T. 0.012 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

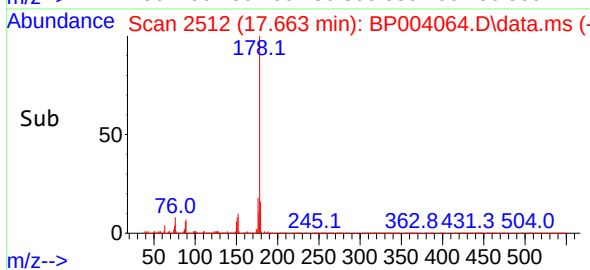
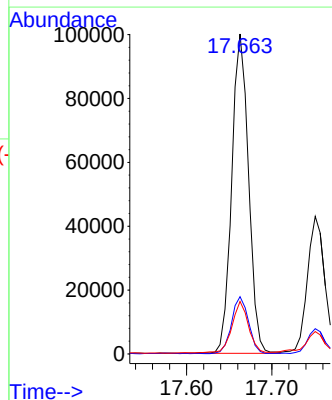
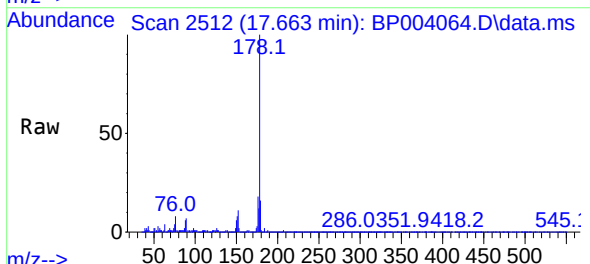
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

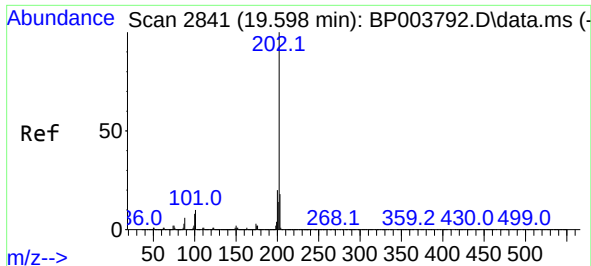
Tgt Ion:198 Resp: 22
Ion Ratio Lower Upper
198 100
51 807.7 6.4 46.4#
105 1292.3 18.9 58.9#



#71
Phenanthrene
Concen: 4.32 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:178 Resp: 137242
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 16.4 12.5 18.7

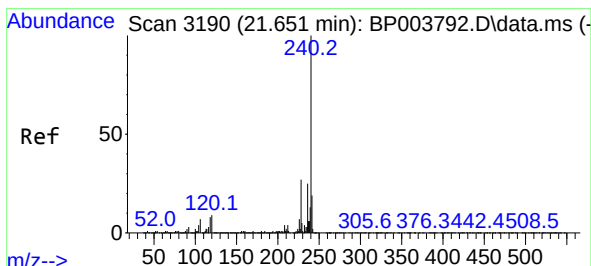
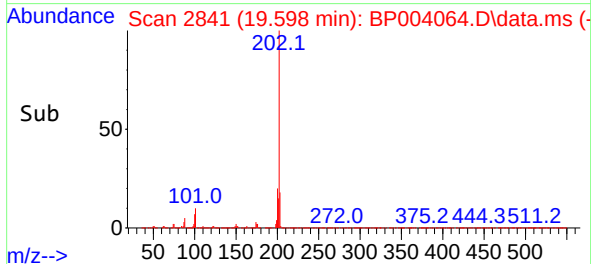
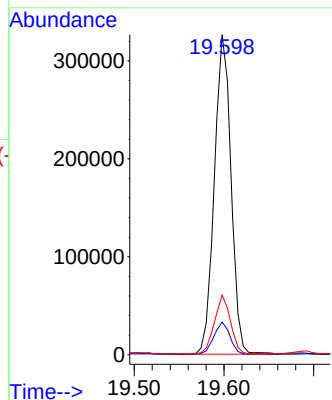
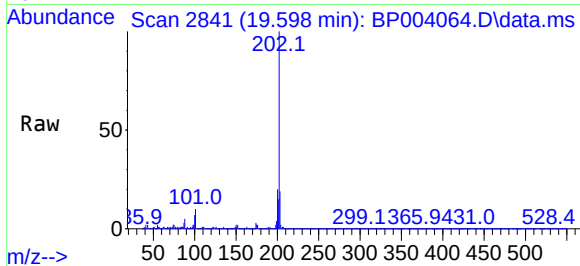




#75
Fluoranthene
Concen: 11.49 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

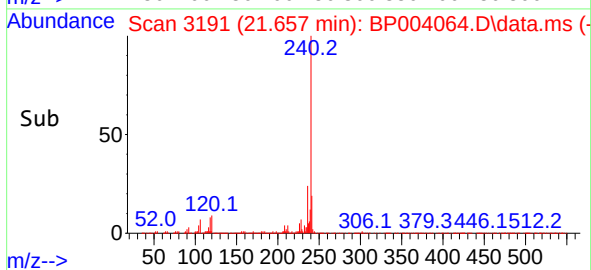
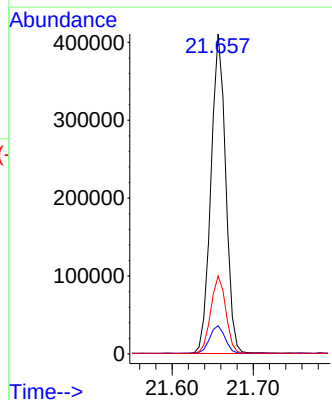
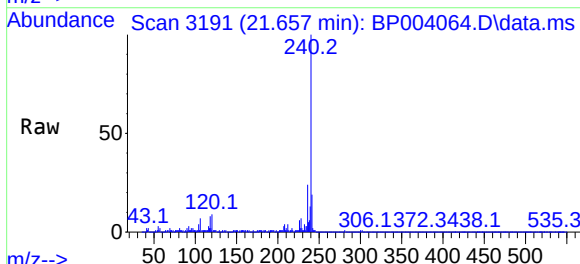
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

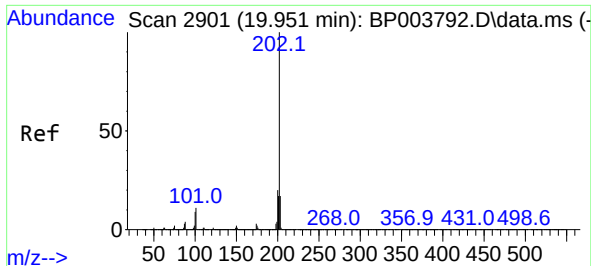
Tgt Ion:	202	Resp:	421316
Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.4
203	18.6	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:	240	Resp:	517122
Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	24.4	20.8	31.2

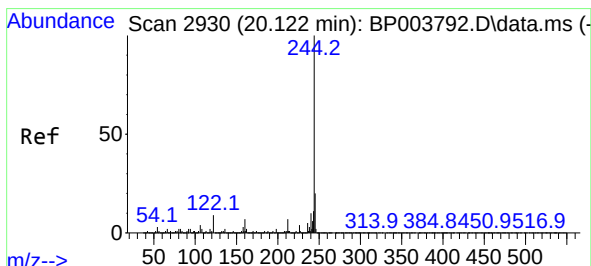
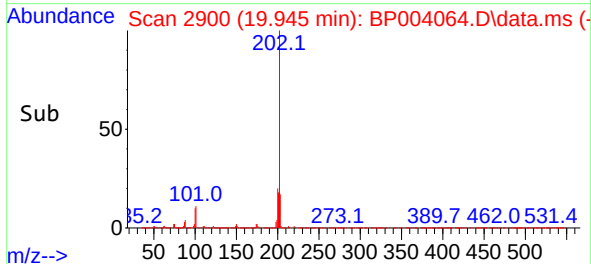
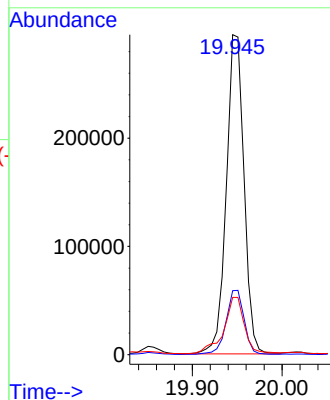
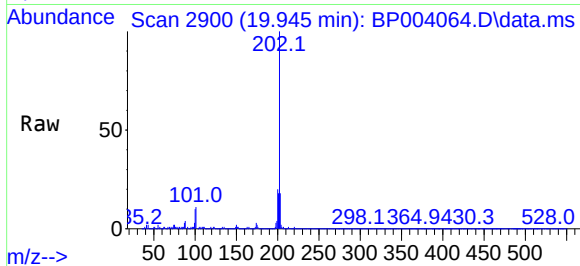




#78
Pyrene
Concen: 11.52 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

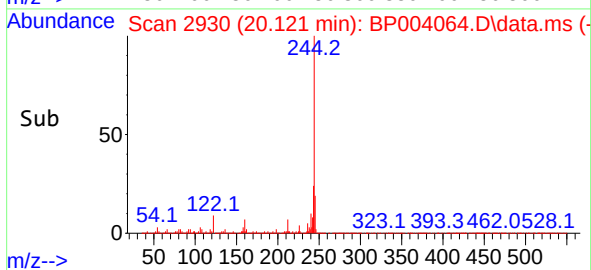
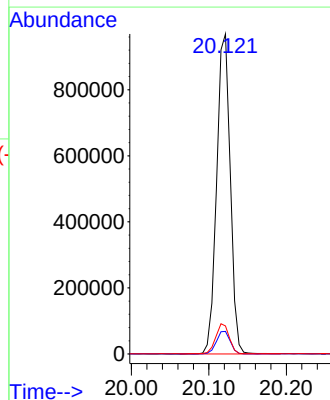
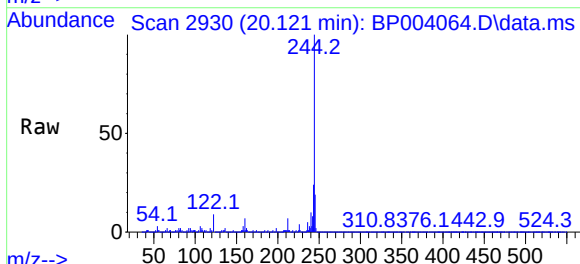
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

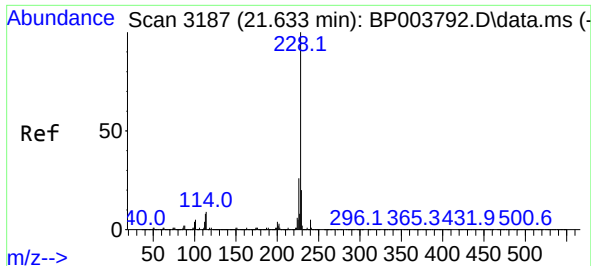
Tgt Ion:202 Resp: 404148
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 17.9 14.2 21.2



#79
Terphenyl-d14
Concen: 44.08 ng
RT: 20.121 min Scan# 2930
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:244 Resp: 1179742
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.6
122 8.7 7.8 11.8

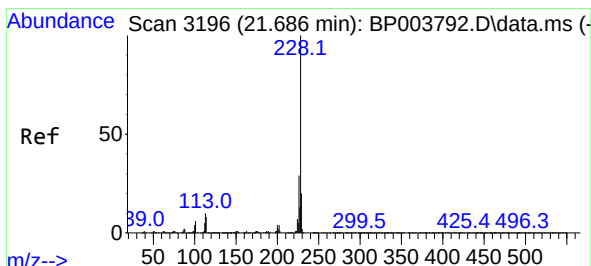
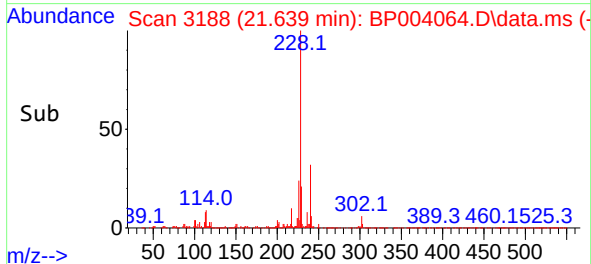
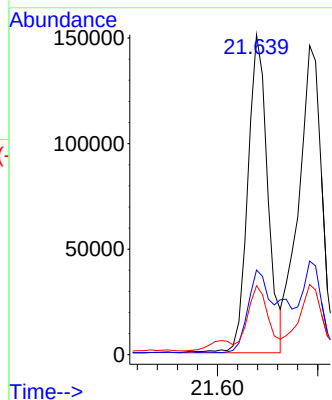
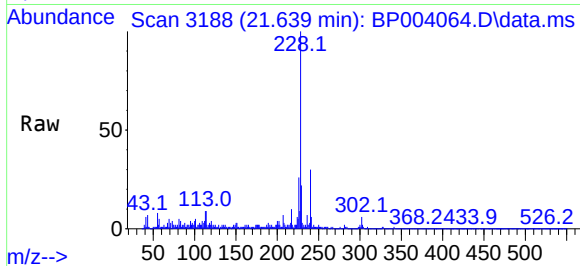




#81
Benzo(a)anthracene
Concen: 6.11 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

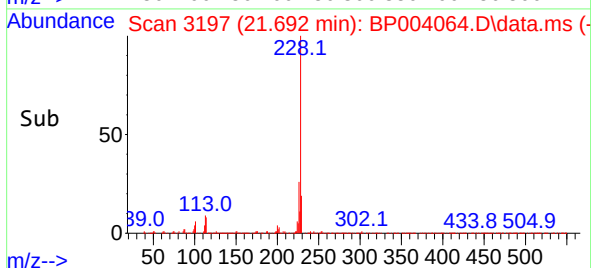
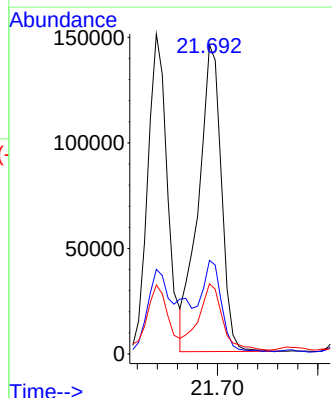
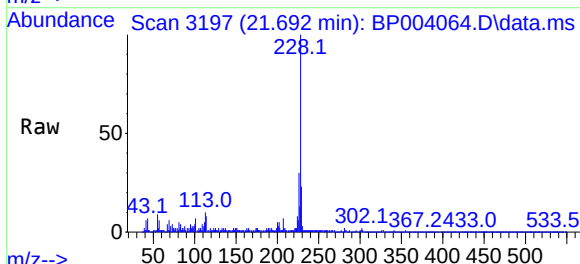
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

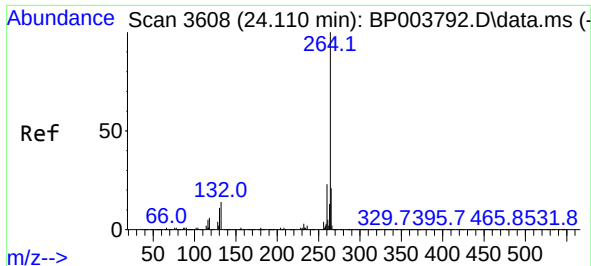
Tgt Ion:228 Resp: 208201
Ion Ratio Lower Upper
228 100
226 26.5 22.1 33.1
229 21.6 15.9 23.9



#83
Chrysene
Concen: 7.07 ng
RT: 21.692 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:228 Resp: 231521
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 22.7 15.8 23.6

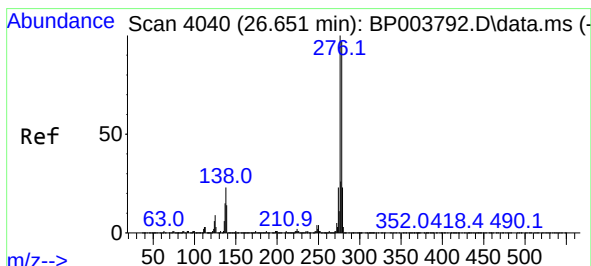
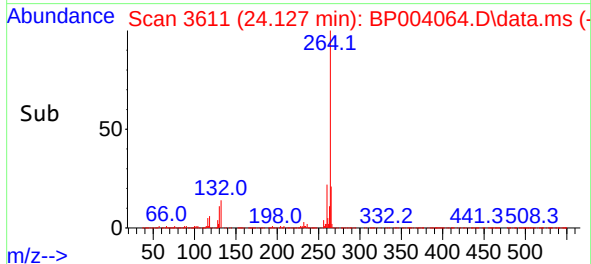
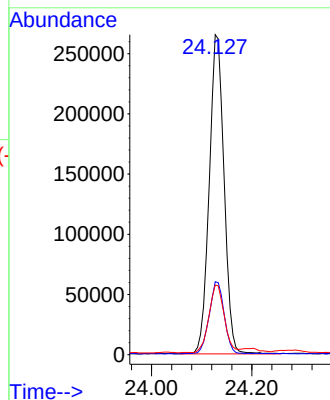
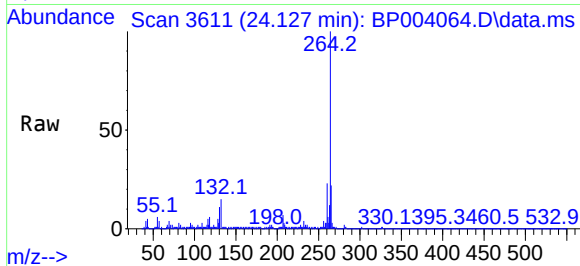




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

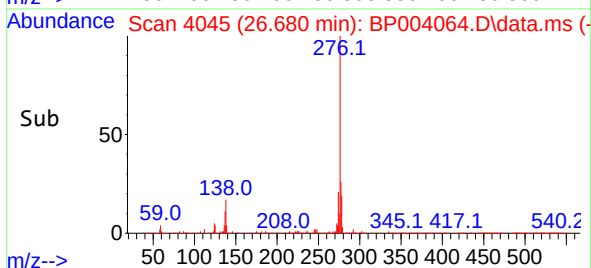
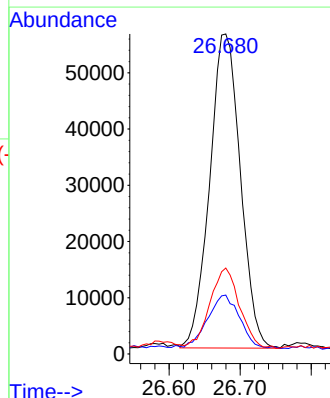
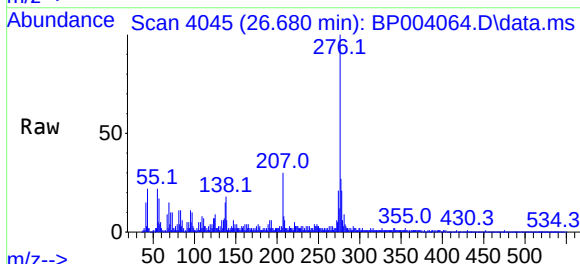
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

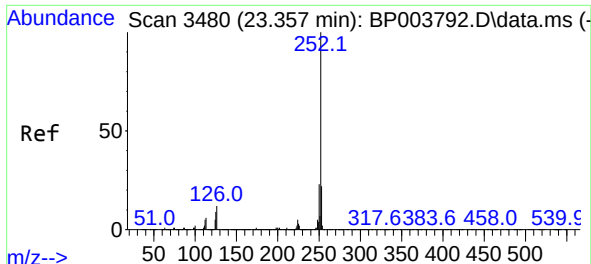
Tgt Ion:264 Resp: 544532
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.8 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.27 ng
RT: 26.680 min Scan# 4045
Delta R.T. -0.012 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:276 Resp: 167843
Ion Ratio Lower Upper
276 100
138 18.1 18.7 28.1#
277 24.7 20.4 30.6

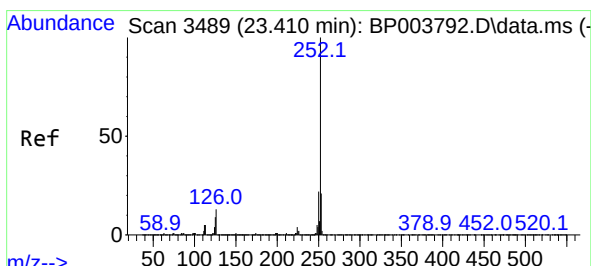
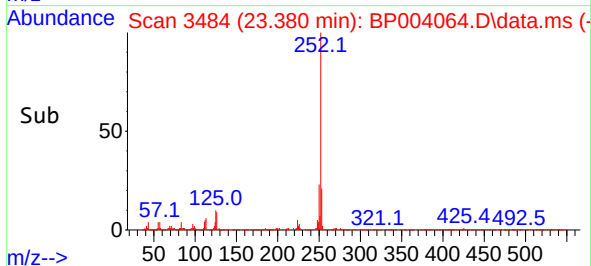
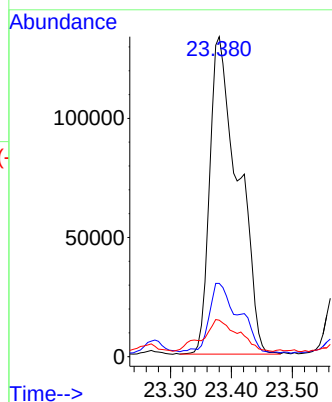
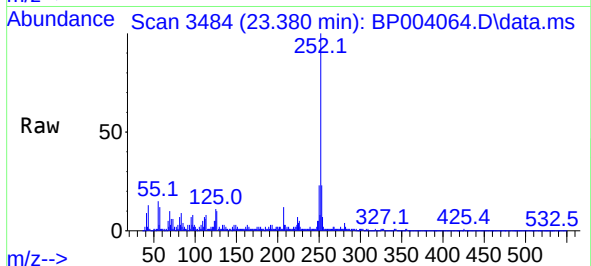




#88
Benzo(b)fluoranthene
Concen: 12.16 ng
RT: 23.380 min Scan# 3484
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

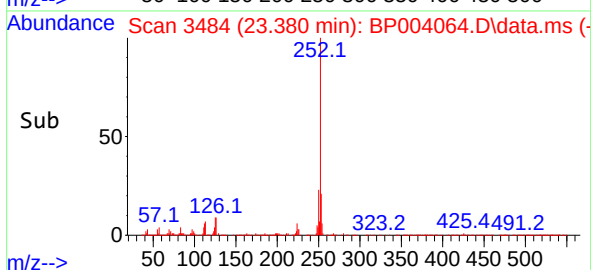
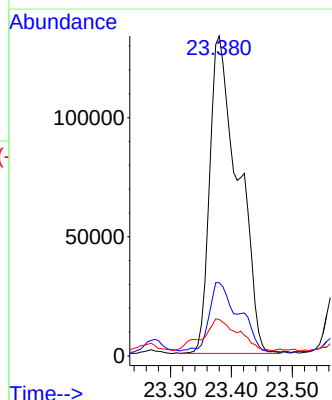
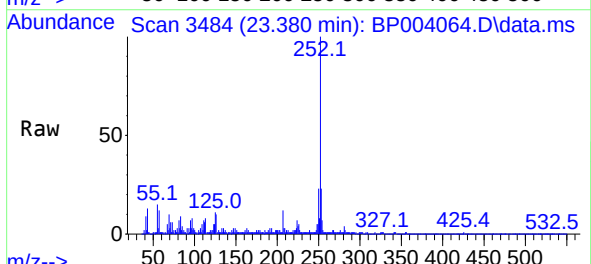
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

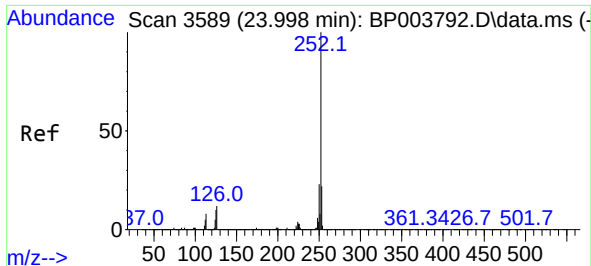
Tgt Ion:252 Resp: 433192
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 11.4 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 12.31 ng
RT: 23.380 min Scan# 3484
Delta R.T. -0.047 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:252 Resp: 433192
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.4 7.4 11.2#

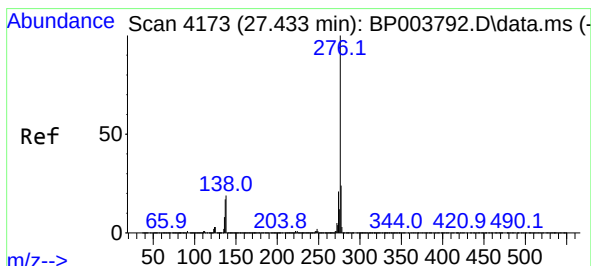
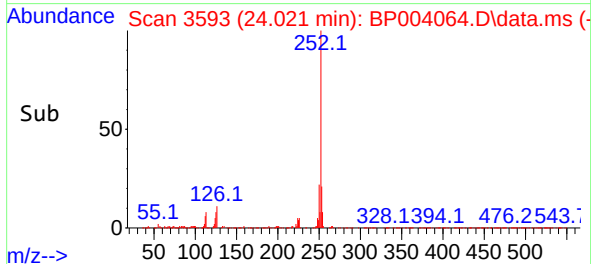
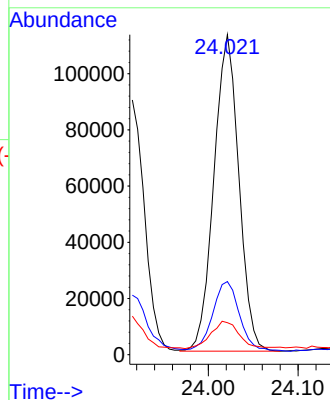
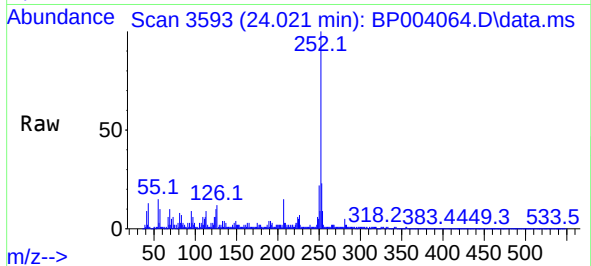




#90
Benzo(a)pyrene
Concen: 6.59 ng
RT: 24.021 min Scan# 3593
Delta R.T. 0.000 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

Tgt Ion:252 Resp: 217253
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 10.0 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 5.63 ng
RT: 27.474 min Scan# 4180
Delta R.T. -0.006 min
Lab File: BP004064.D
Acq: 23 Nov 2020 20:12

Tgt Ion:276 Resp: 178441
Ion Ratio Lower Upper
276 100
277 26.3 19.0 28.6
138 20.6 16.6 24.8

