

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004050.D
 Acq On : 21 Nov 2020 22:04
 Operator : CG/JU
 Sample : L4857-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 304EM-STOCKPILE

Quant Time: Nov 23 05:02:13 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 03:48:44 2020
 Response via : Initial Calibration

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

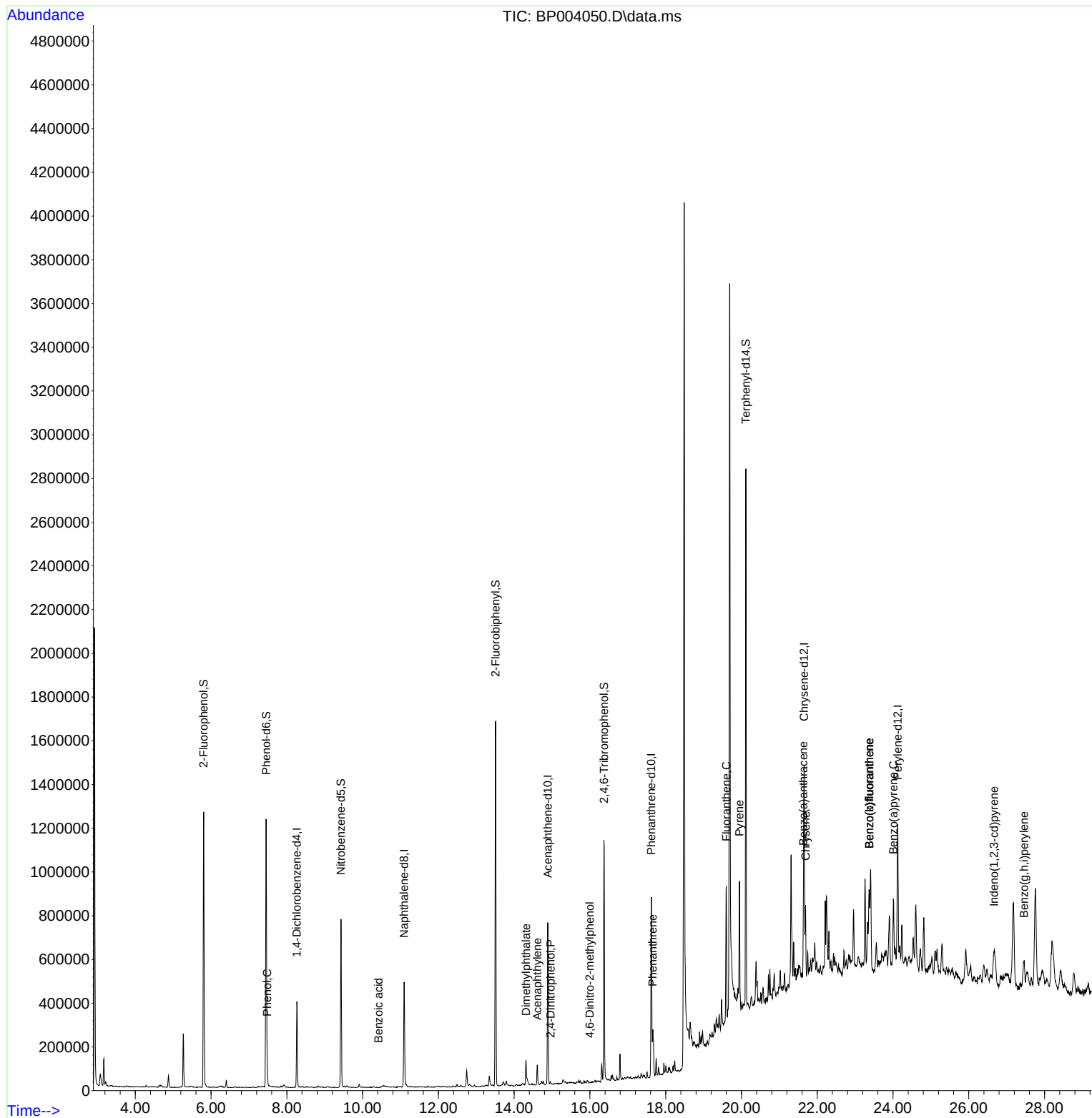
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	104957	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	396172	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	242334	20.00	ng	-0.02
64) Phenanthrene-d10	17.616	188	498433	20.00	ng	#-0.02
76) Chrysene-d12	21.651	240	455912	20.00	ng	0.00
86) Perylene-d12	24.121	264	496570	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	527490	83.88	ng	0.00
7) Phenol-d6	7.452	99	677139	75.01	ng	0.00
23) Nitrobenzene-d5	9.428	82	420305	51.96	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	220684	72.81	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	868156	50.08	ng	-0.02
79) Terphenyl-d14	20.116	244	1002909	42.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.375	77	1778	Below Cal	#	84
10) Phenol	7.481	94	36515	4.19	ng	71
32) Benzoic acid	10.422	122	35	8.31	ng	# 1
49) Acenaphthylene	14.610	152	68766	3.03	ng	97
50) Dimethylphthalate	14.310	163	71186	3.76	ng	99
54) 2,4-Dinitrophenol	14.963	184	15	2.74	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.993	198	35	6.35	ng	# 1
71) Phenanthrene	17.657	178	118690	4.24	ng	98
75) Fluoranthene	19.598	202	356743	11.05	ng	99
78) Pyrene	19.945	202	335594	10.85	ng	98
81) Benzo(a)anthracene	21.633	228	181968	6.05	ng	95
83) Chrysene	21.692	228	211407	7.32	ng	98
87) Indeno(1,2,3-cd)pyrene	26.668	276	157328	4.39	ng	# 93
88) Benzo(b)fluoranthene	23.374	252	399424	12.29	ng	97
89) Benzo(k)fluoranthene	23.374	252	399424	12.45	ng	98
90) Benzo(a)pyrene	24.010	252	206343	6.86	ng	96
92) Benzo(g,h,i)perylene	27.457	276	162107	5.61	ng	98

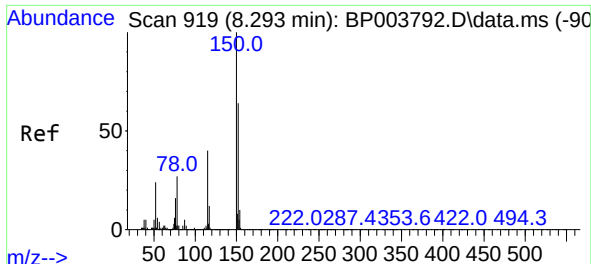
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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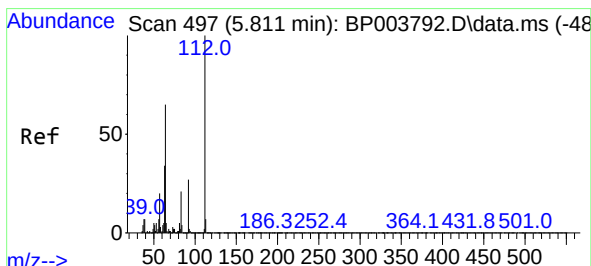
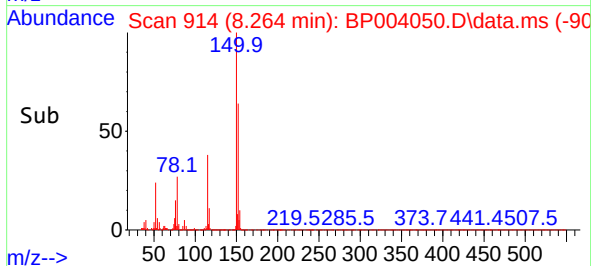
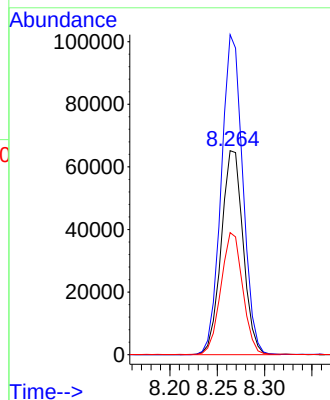
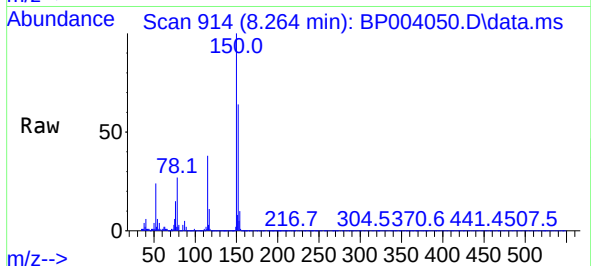




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

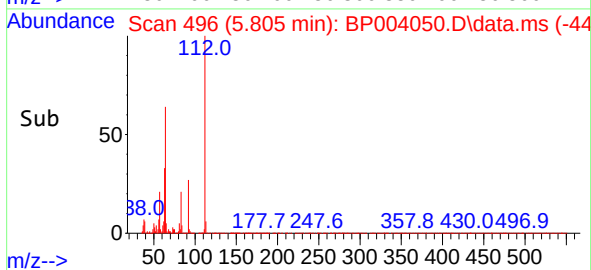
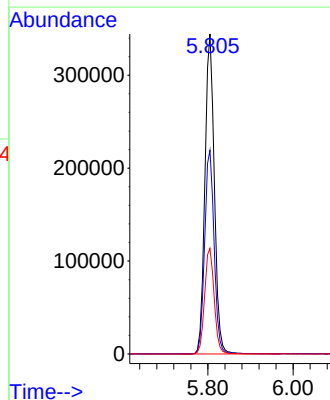
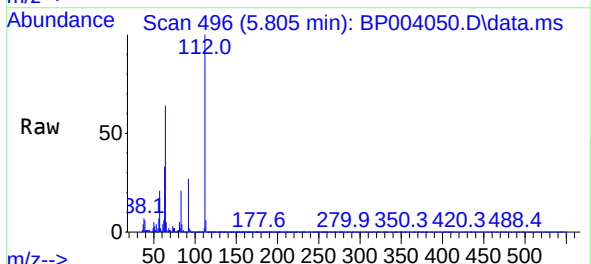
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

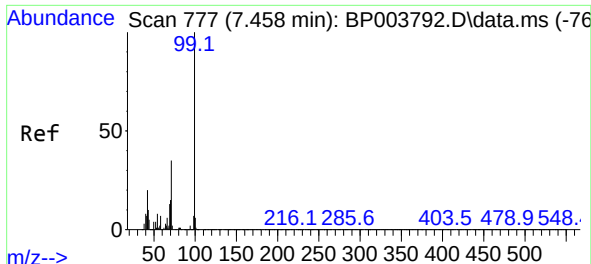
Tgt Ion:152 Resp: 104957
Ion Ratio Lower Upper
152 100
150 156.8 123.8 185.6
115 59.8 43.8 65.6



#5
2-Fluorophenol
Concen: 83.88 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:112 Resp: 527490
Ion Ratio Lower Upper
112 100
64 63.7 32.8 49.2#
63 33.0 17.0 25.4#

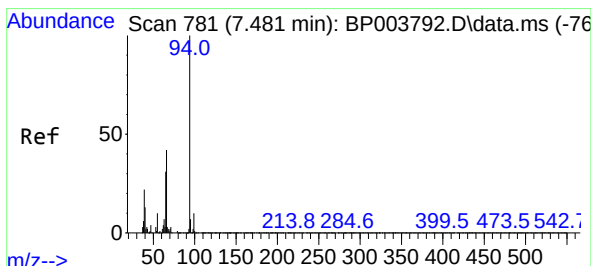
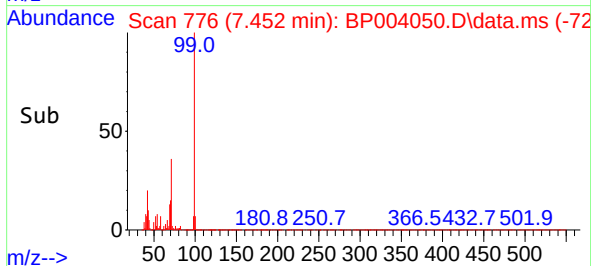
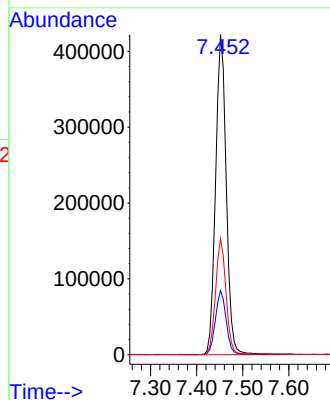
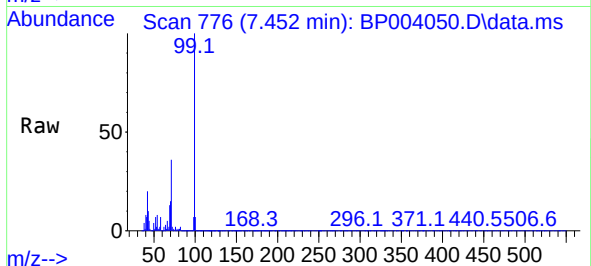




#7
Phenol-d6
Concen: 75.01 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

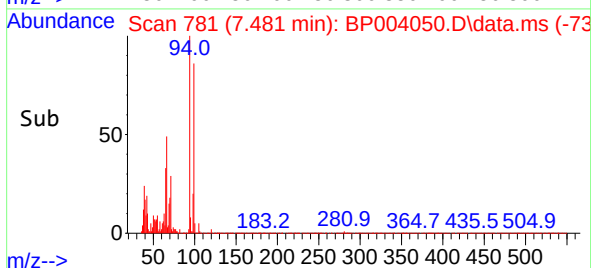
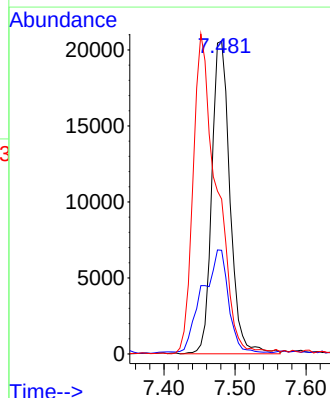
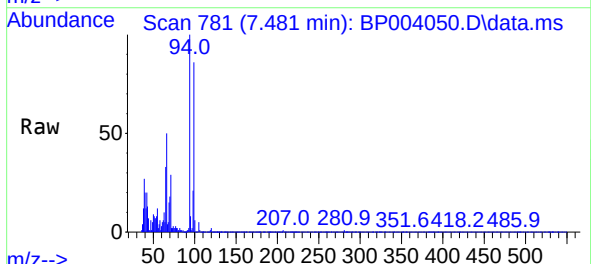
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ClientSampleId :
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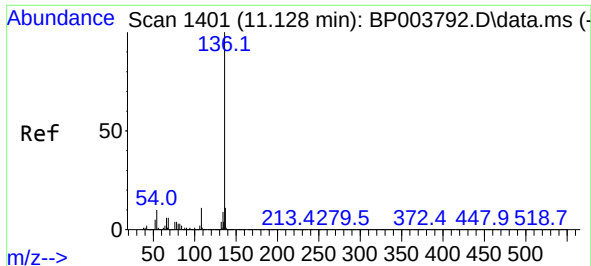
Tgt Ion: 99 Resp: 677139
Ion Ratio Lower Upper
99 100
42 20.1 8.6 13.0#
71 36.3 23.4 35.2#



#10
Phenol
Concen: 4.19 ng
RT: 7.481 min Scan# 781
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion: 94 Resp: 36515
Ion Ratio Lower Upper
94 100
65 33.1 2.3 42.3
66 49.5 10.9 50.9

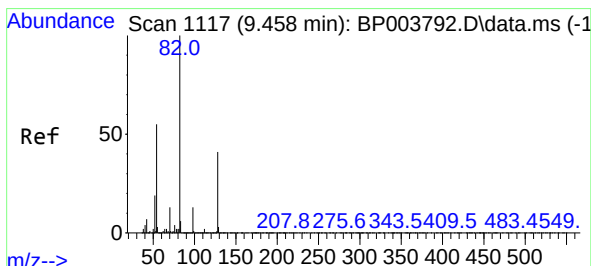
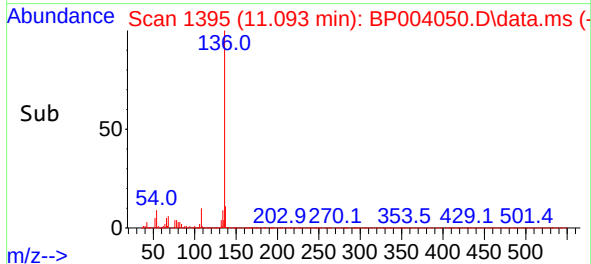
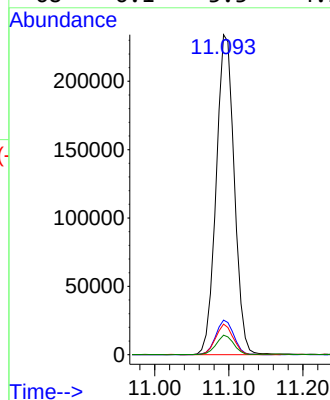
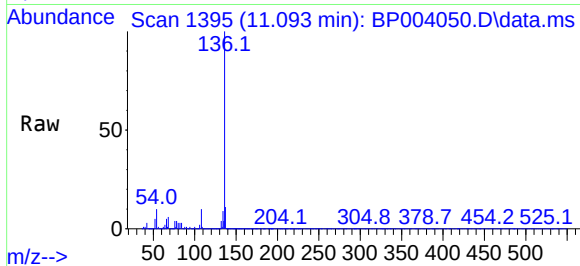




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

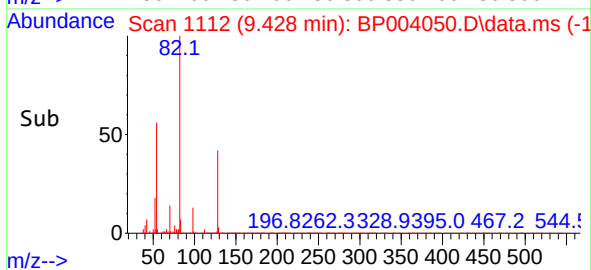
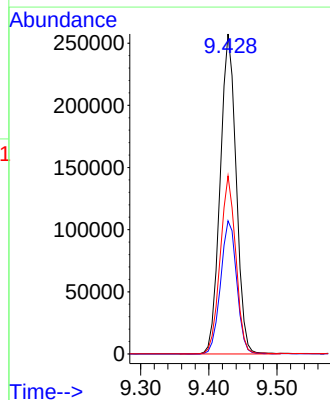
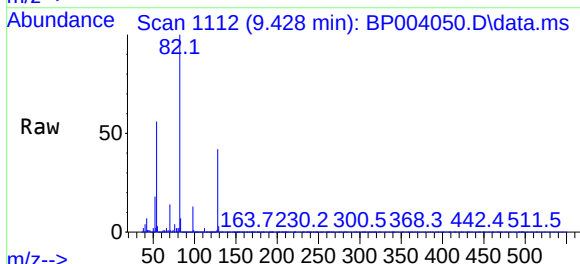
Instrument :
BNA_P
ClientSampleId :
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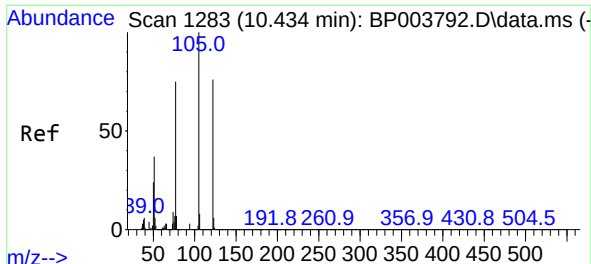
Tgt Ion:	136	Resp:	396172
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.5	3.6	5.4#
68	6.1	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 51.96 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	82	Resp:	420305
Ion Ratio	Lower	Upper	
82	100		
128	41.6	45.6	68.4#
54	55.6	30.1	45.1#

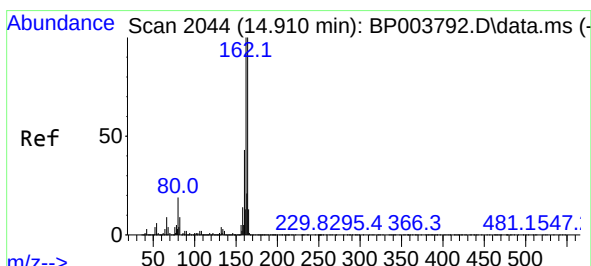
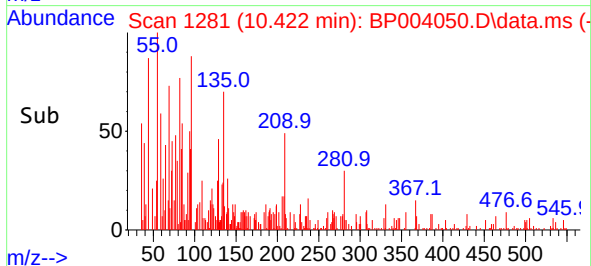
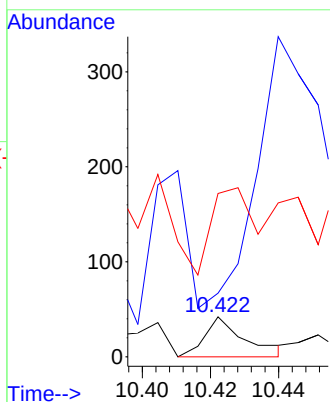
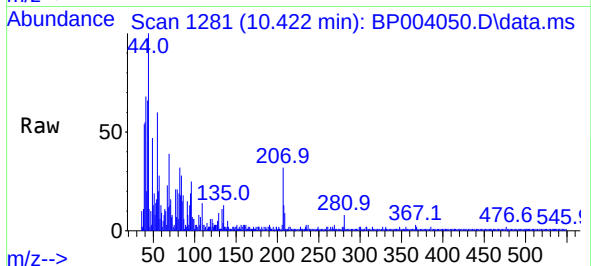




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

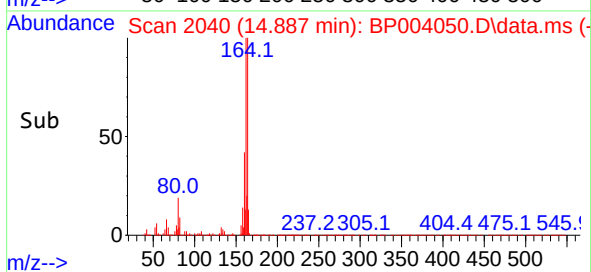
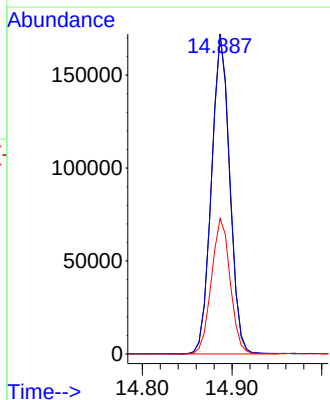
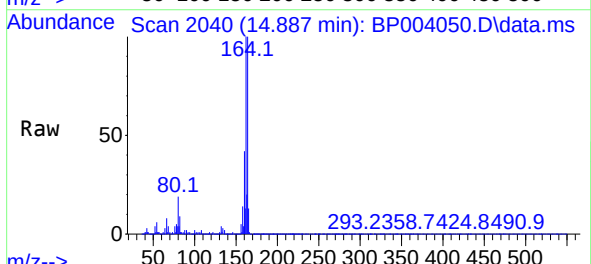
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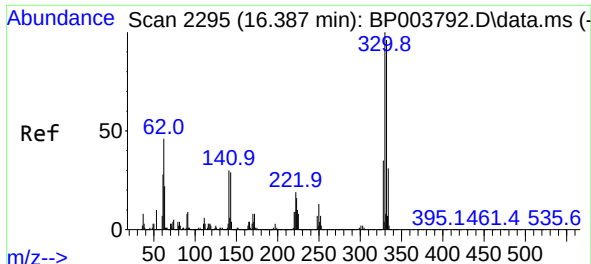
Tgt Ion:	122	Resp:	35
Ion	Ratio	Lower	Upper
122	100		
105	159.5	94.1	134.1#
77	409.5	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	164	Resp:	242334
Ion	Ratio	Lower	Upper
164	100		
162	100.0	79.4	119.2
160	42.3	36.1	54.1

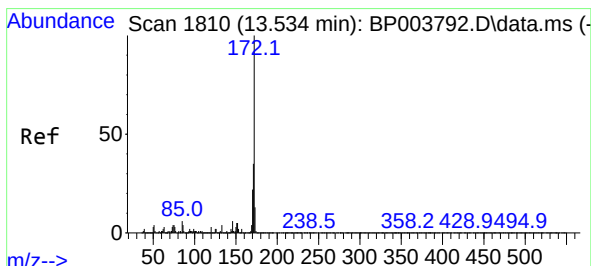
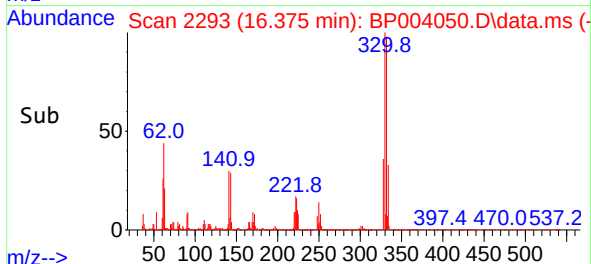
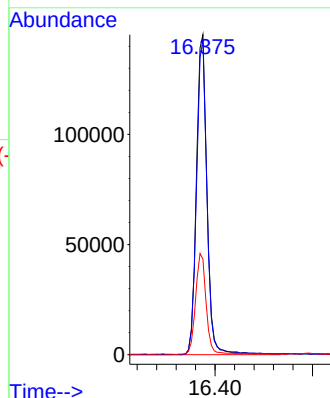
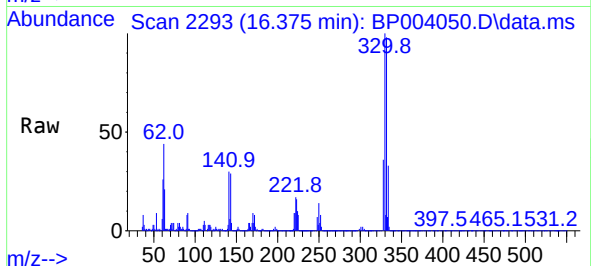




#42
2,4,6-Tribromophenol
Concen: 72.81 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

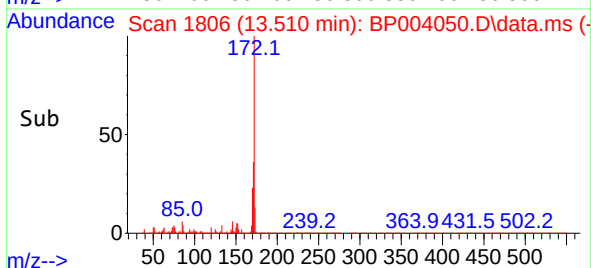
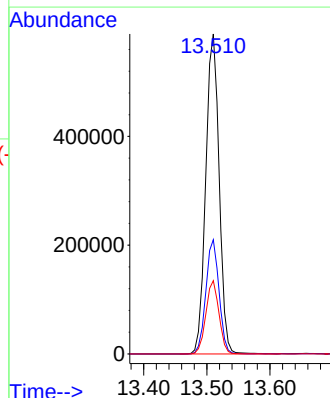
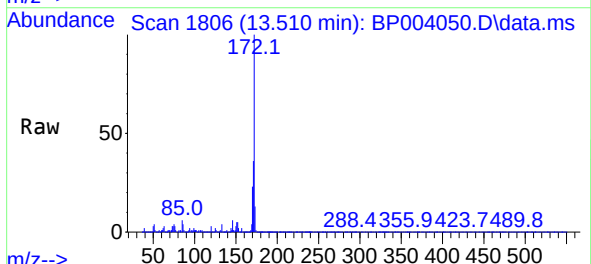
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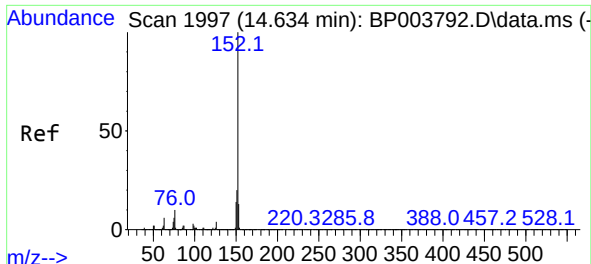
Tgt Ion:330 Resp: 220684
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 31.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 50.08 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:172 Resp: 868156
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.9 19.2 28.8

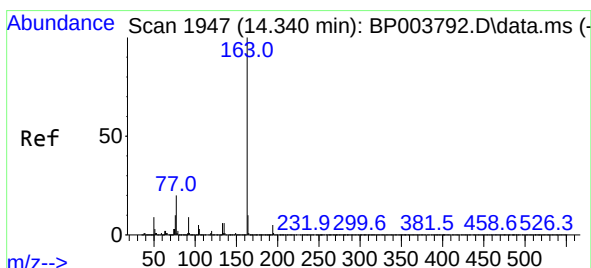
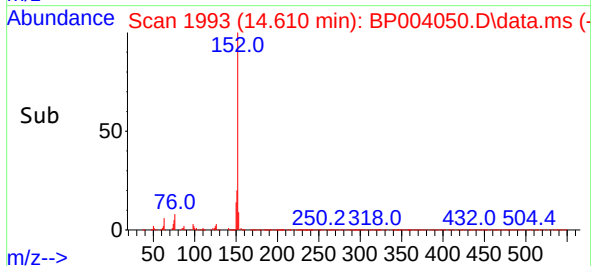
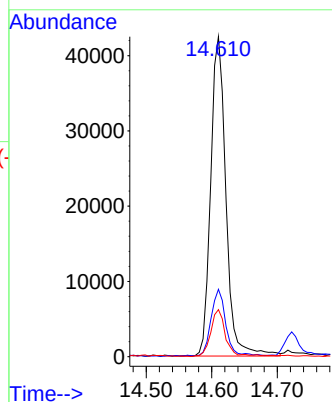
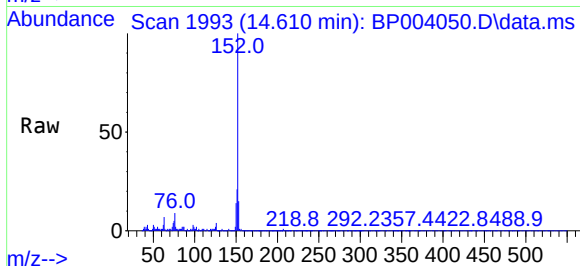




#49
Acenaphthylene
Concen: 3.03 ng
RT: 14.610 min Scan# 1993
Delta R.T. -0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

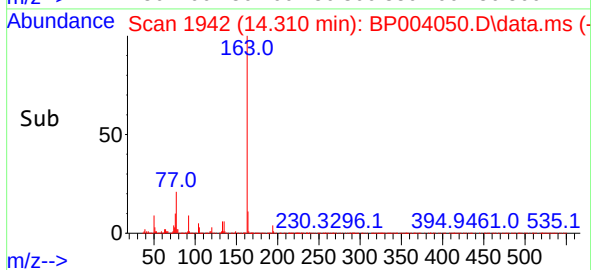
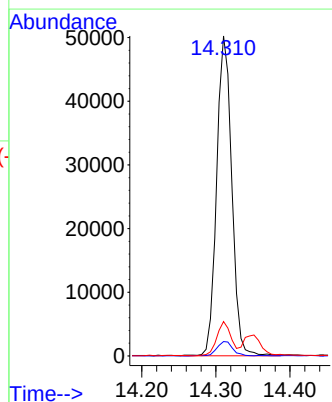
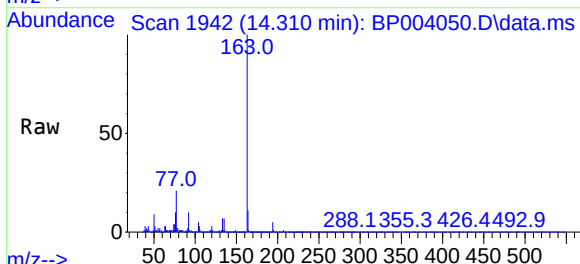
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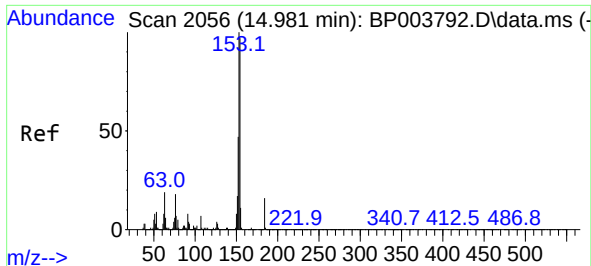
Tgt Ion:	152	Resp:	68766
Ion Ratio	Lower	Upper	
152	100		
151	21.1	15.9	23.9
153	14.7	10.5	15.7



#50
Dimethylphthalate
Concen: 3.76 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.029 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	163	Resp:	71186
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.3	4.9
164	10.8	8.2	12.2

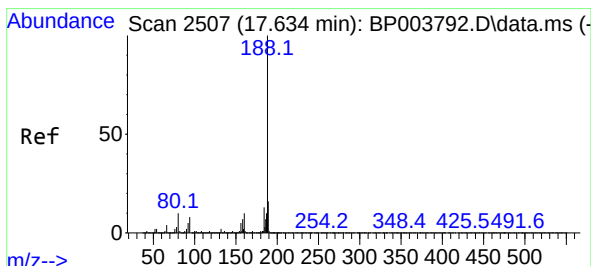
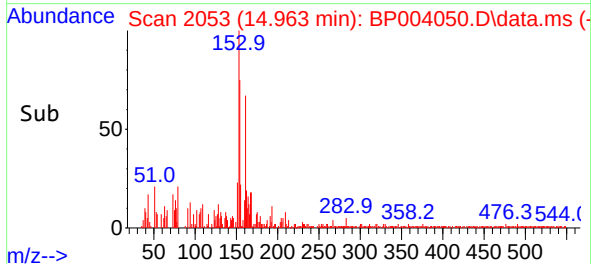
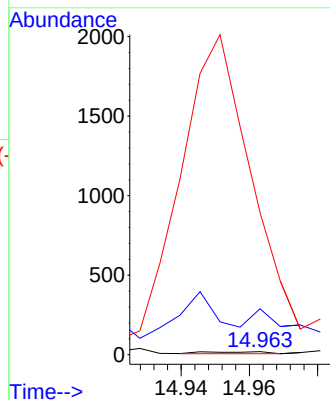
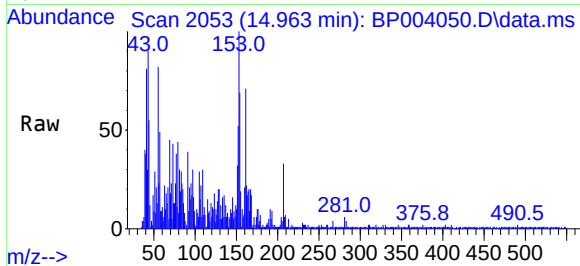




#54
2,4-Dinitrophenol
Concen: 2.74 ng
RT: 14.963 min Scan# 2053
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

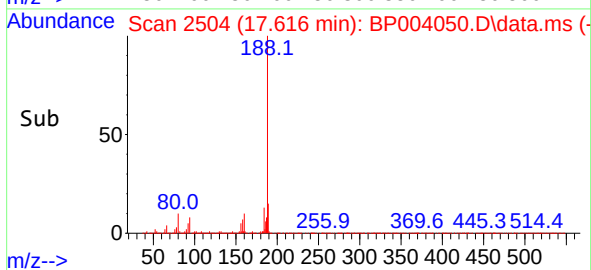
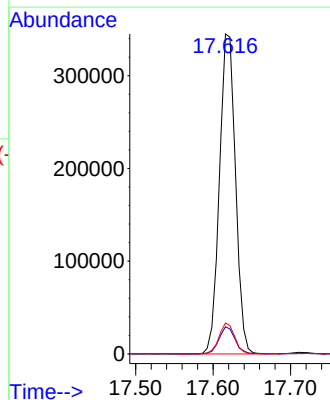
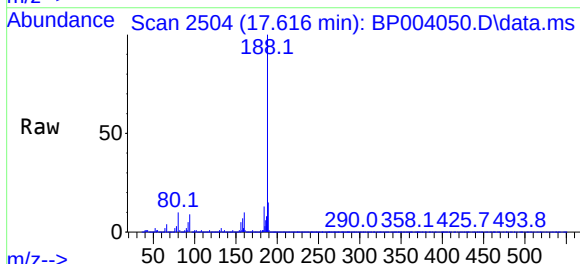
Instrument :
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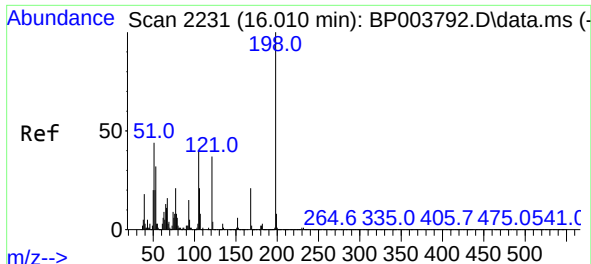
Tgt Ion:184	Resp:	15
Ion Ratio	Lower	Upper
184	100	
63	1521.1	32.3 48.5#
154	4705.3	49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:188	Resp:	498433
Ion Ratio	Lower	Upper
188	100	
94	8.5	6.2 9.2
80	9.7	6.2 9.2#

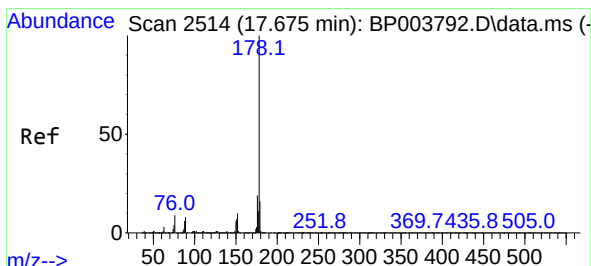
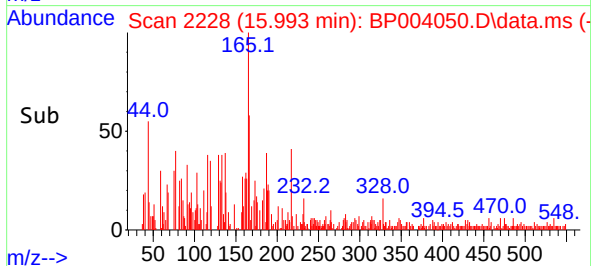
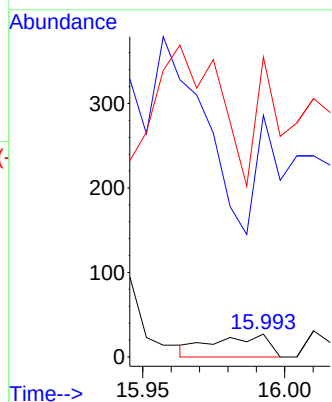
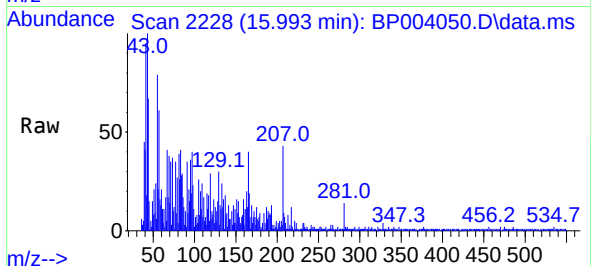




#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.993 min Scan# 2228
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

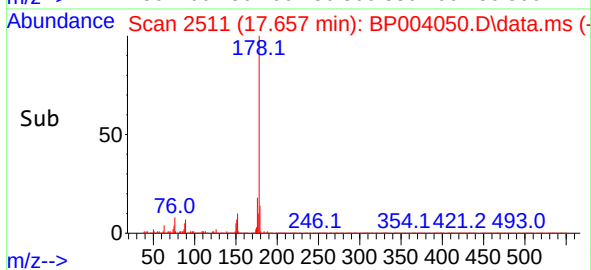
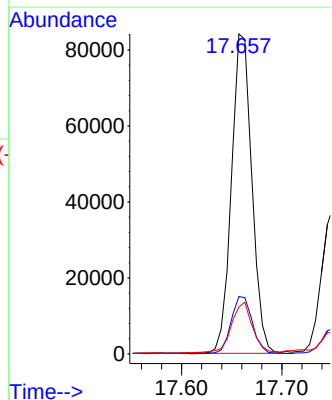
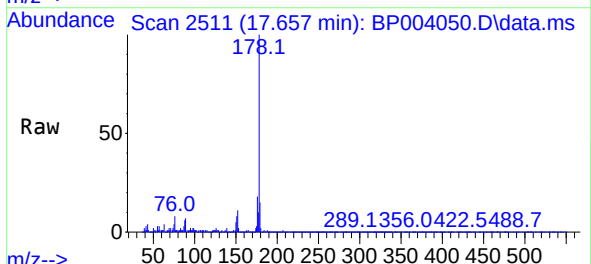
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

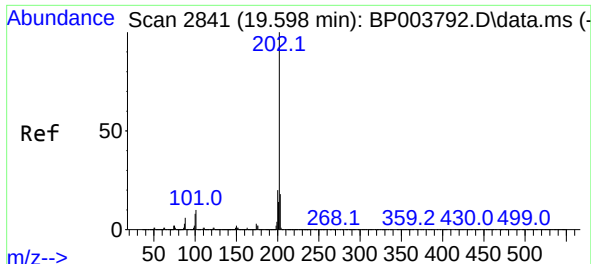
Tgt Ion:198 Resp: 35
Ion Ratio Lower Upper
198 100
51 1059.3 6.4 46.4#
105 1314.8 18.9 58.9#



#71
Phenanthrene
Concen: 4.24 ng
RT: 17.657 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:178 Resp: 118690
Ion Ratio Lower Upper
178 100
176 18.0 15.3 22.9
179 14.7 12.5 18.7

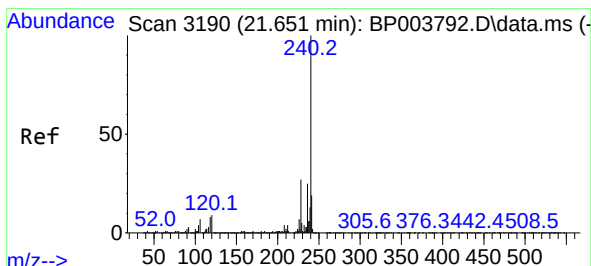
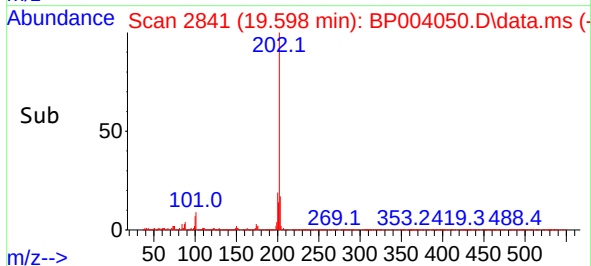
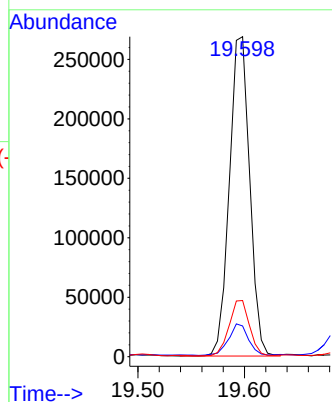
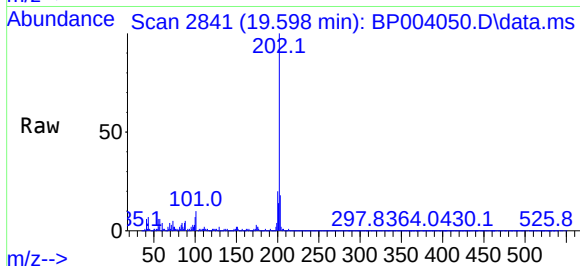




#75
Fluoranthene
Concen: 11.05 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

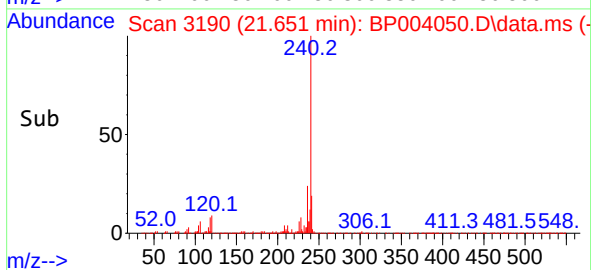
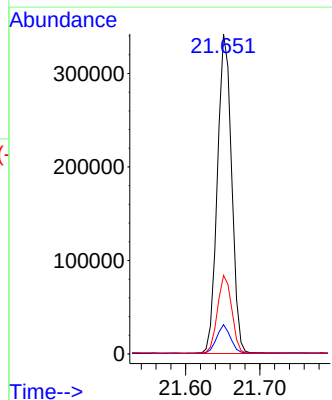
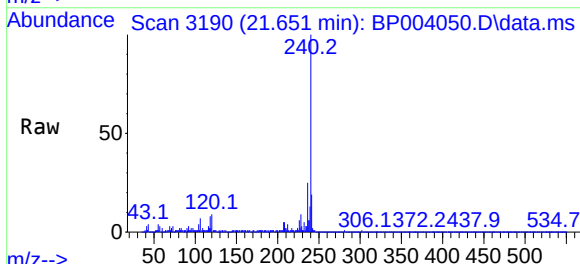
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

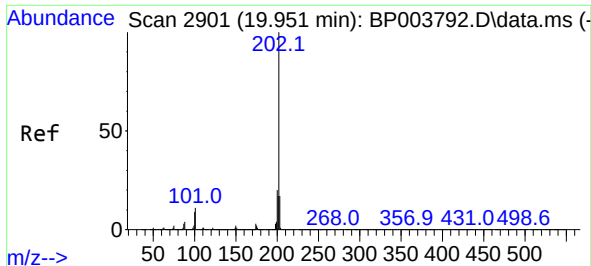
Tgt Ion:	202	Resp:	356743
Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.4
203	17.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	240	Resp:	455912
Ion	Ratio	Lower	Upper
240	100		
120	9.1	7.8	11.6
236	24.5	20.8	31.2

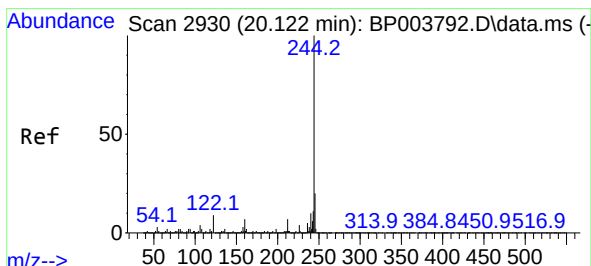
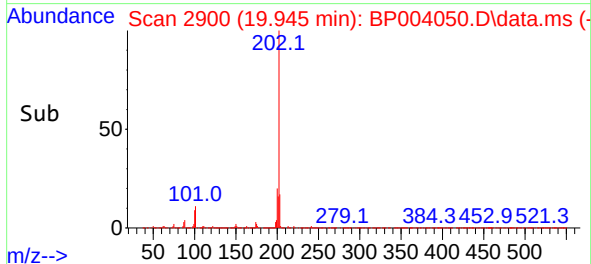
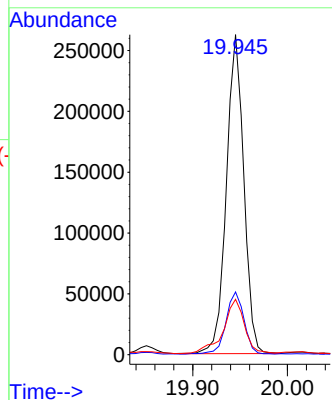
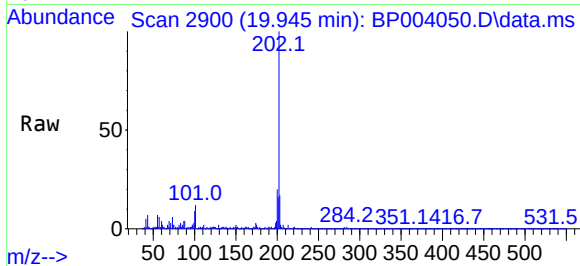




#78
Pyrene
Concen: 10.85 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

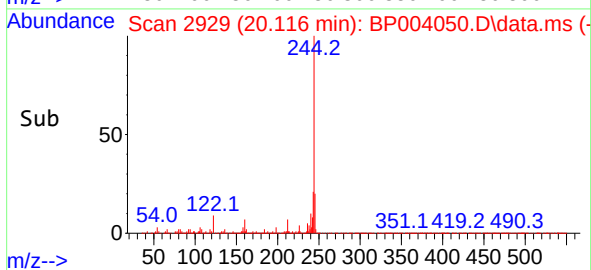
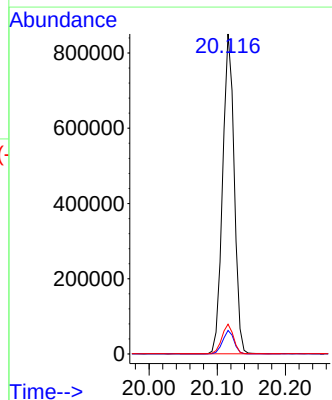
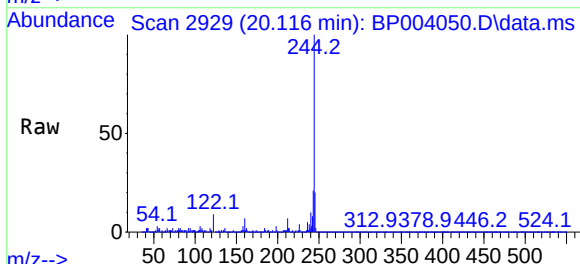
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

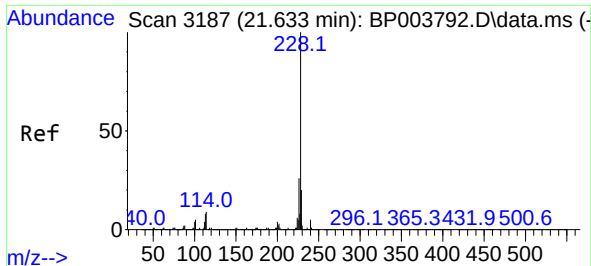
Tgt Ion:202 Resp: 335594
Ion Ratio Lower Upper
202 100
200 19.6 17.1 25.7
203 17.3 14.2 21.2



#79
Terphenyl-d14
Concen: 42.50 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:244 Resp: 1002909
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 9.3 7.8 11.8

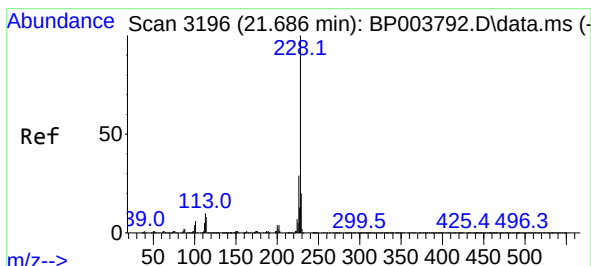
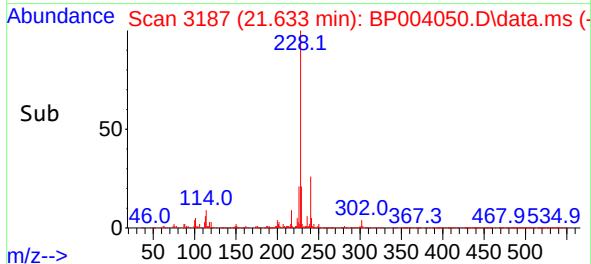
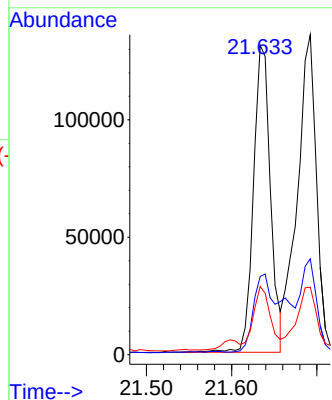
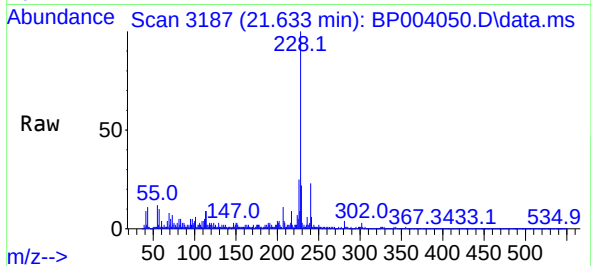




#81
Benzo(a)anthracene
Concen: 6.05 ng
RT: 21.633 min Scan# 3187
Delta R.T. -0.000 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

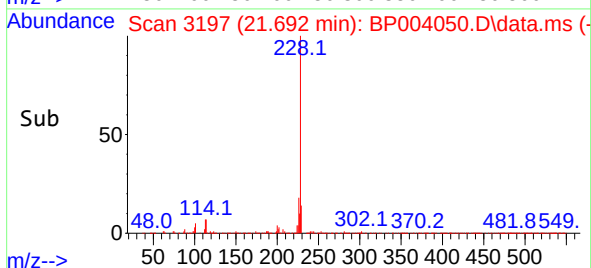
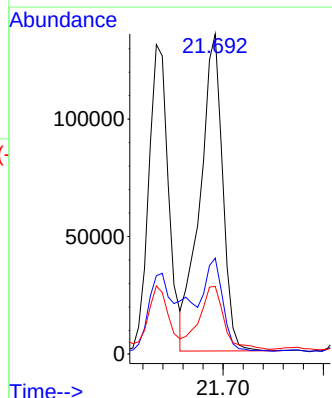
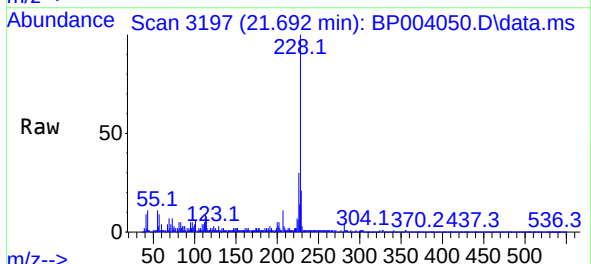
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

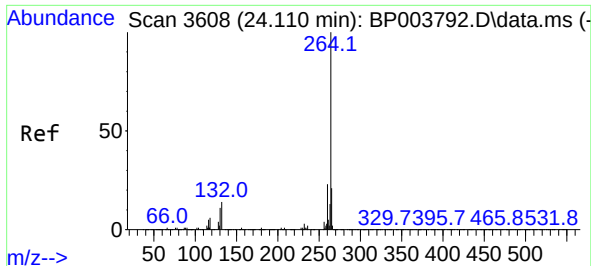
Tgt Ion:	228	Resp:	181968
Ion	Ratio	Lower	Upper
228	100		
226	25.3	22.1	33.1
229	22.0	15.9	23.9



#83
Chrysene
Concen: 7.32 ng
RT: 21.692 min Scan# 3197
Delta R.T. 0.006 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	228	Resp:	211407
Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.4	36.6
229	21.1	15.8	23.6

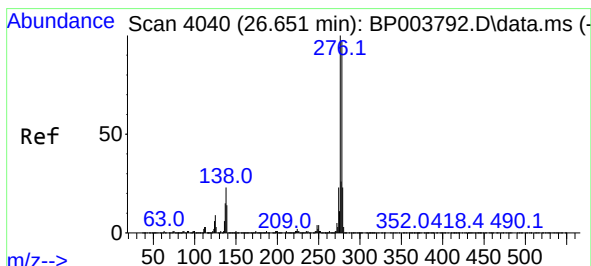
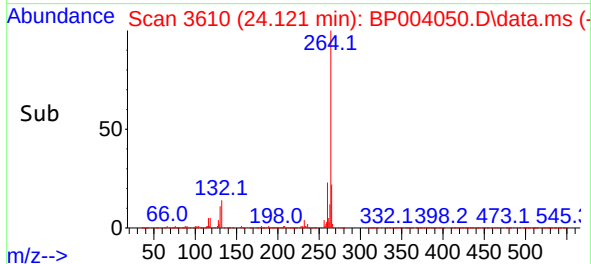
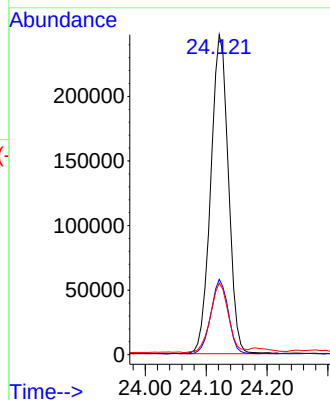
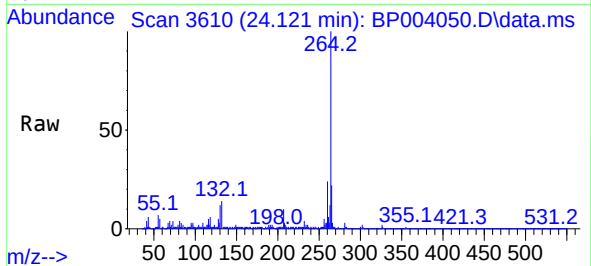




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.121 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

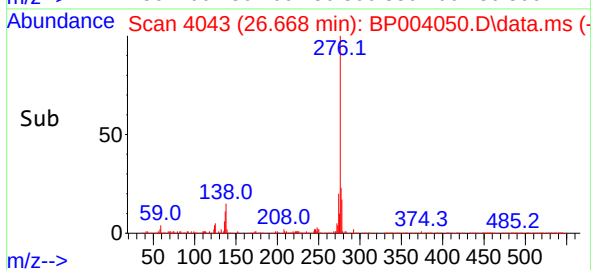
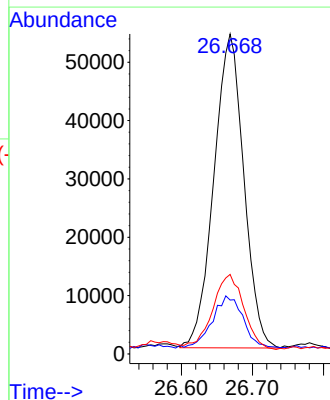
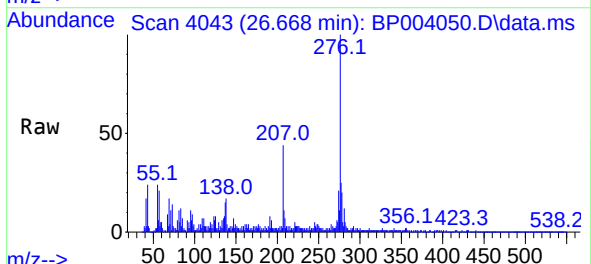
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

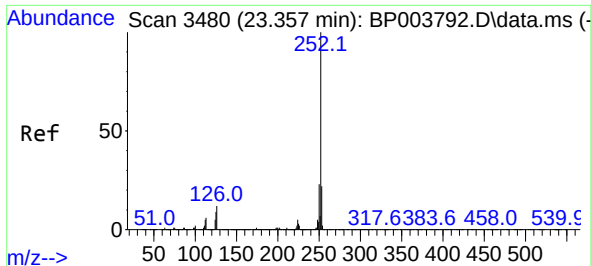
Tgt Ion:264 Resp: 496570
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 22.3 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 4.39 ng
RT: 26.668 min Scan# 4043
Delta R.T. 0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:276 Resp: 157328
Ion Ratio Lower Upper
276 100
138 17.3 18.7 28.1#
277 25.0 20.4 30.6

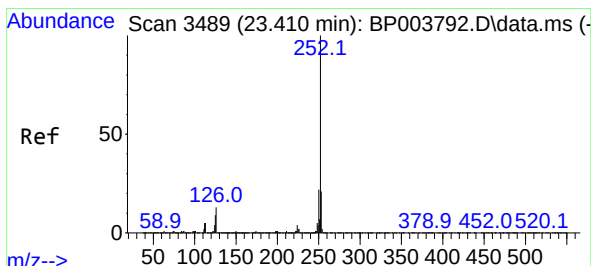
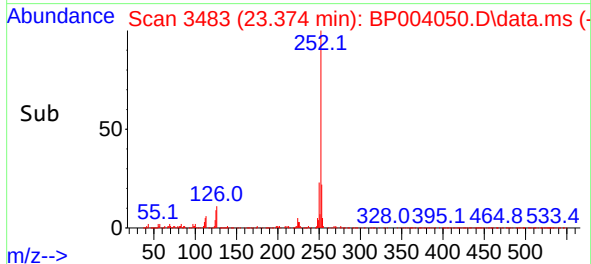
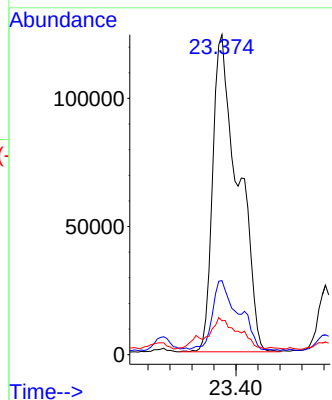
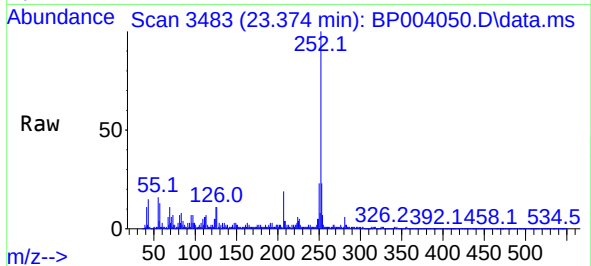




#88
Benzo(b)fluoranthene
Concen: 12.29 ng
RT: 23.374 min Scan# 3483
Delta R.T. 0.018 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

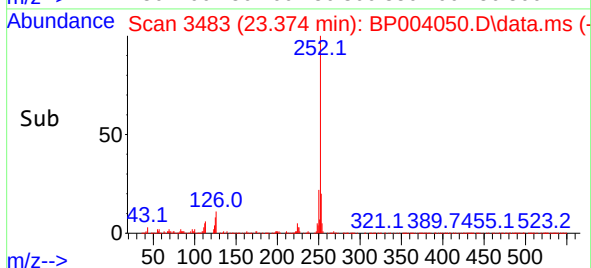
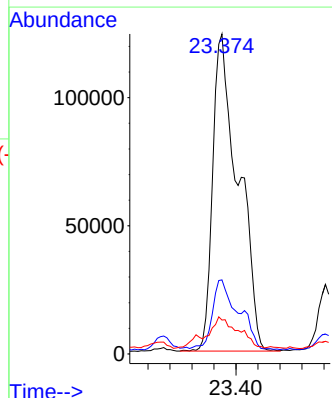
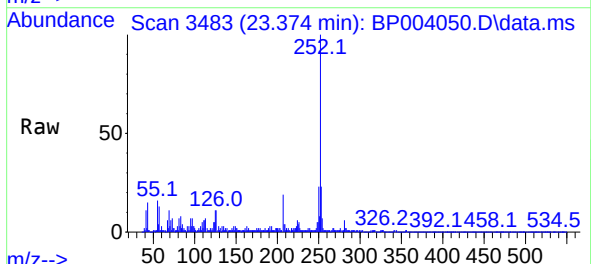
Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

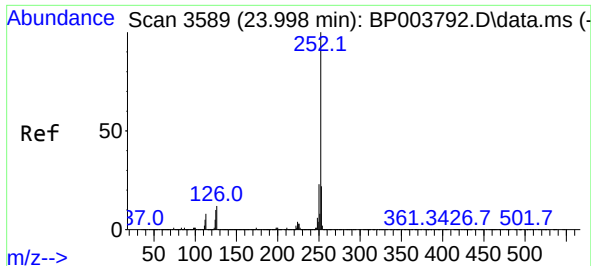
Tgt Ion:252 Resp: 399424
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 10.6 7.3 10.9



#89
Benzo(k)fluoranthene
Concen: 12.45 ng
RT: 23.374 min Scan# 3483
Delta R.T. -0.035 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:252 Resp: 399424
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.6 7.4 11.2

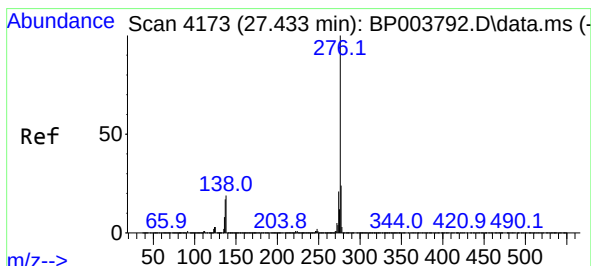
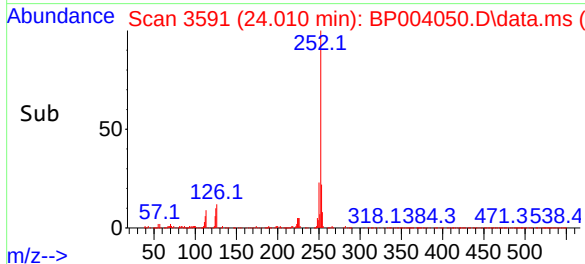
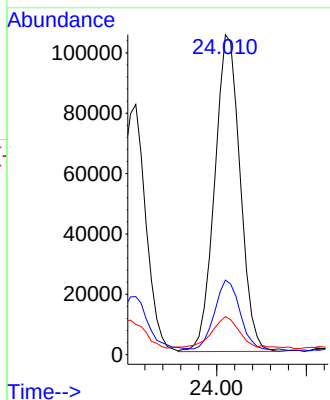
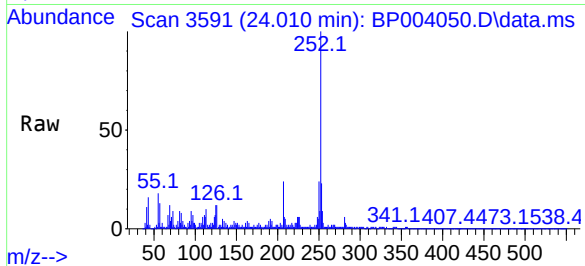




#90
Benzo(a)pyrene
Concen: 6.86 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Instrument :
BNA_P
ClientSampleId :
304EM-STOCKPILE

Tgt Ion:	252	Resp:	206343
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	11.9	8.2	12.4



#92
Benzo(g,h,i)perylene
Concen: 5.61 ng
RT: 27.457 min Scan# 4177
Delta R.T. 0.024 min
Lab File: BP004050.D
Acq: 21 Nov 2020 22:04

Tgt Ion:	276	Resp:	162107
Ion Ratio	Lower	Upper	
276	100		
277	24.2	19.0	28.6
138	19.5	16.6	24.8

