

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112120\
 Data File : BP004049.D
 Acq On : 21 Nov 2020 21:30
 Operator : CG/JU
 Sample : L4857-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 340EM-STOCKPILE-WEST

Quant Time: Nov 23 05:01:55 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)

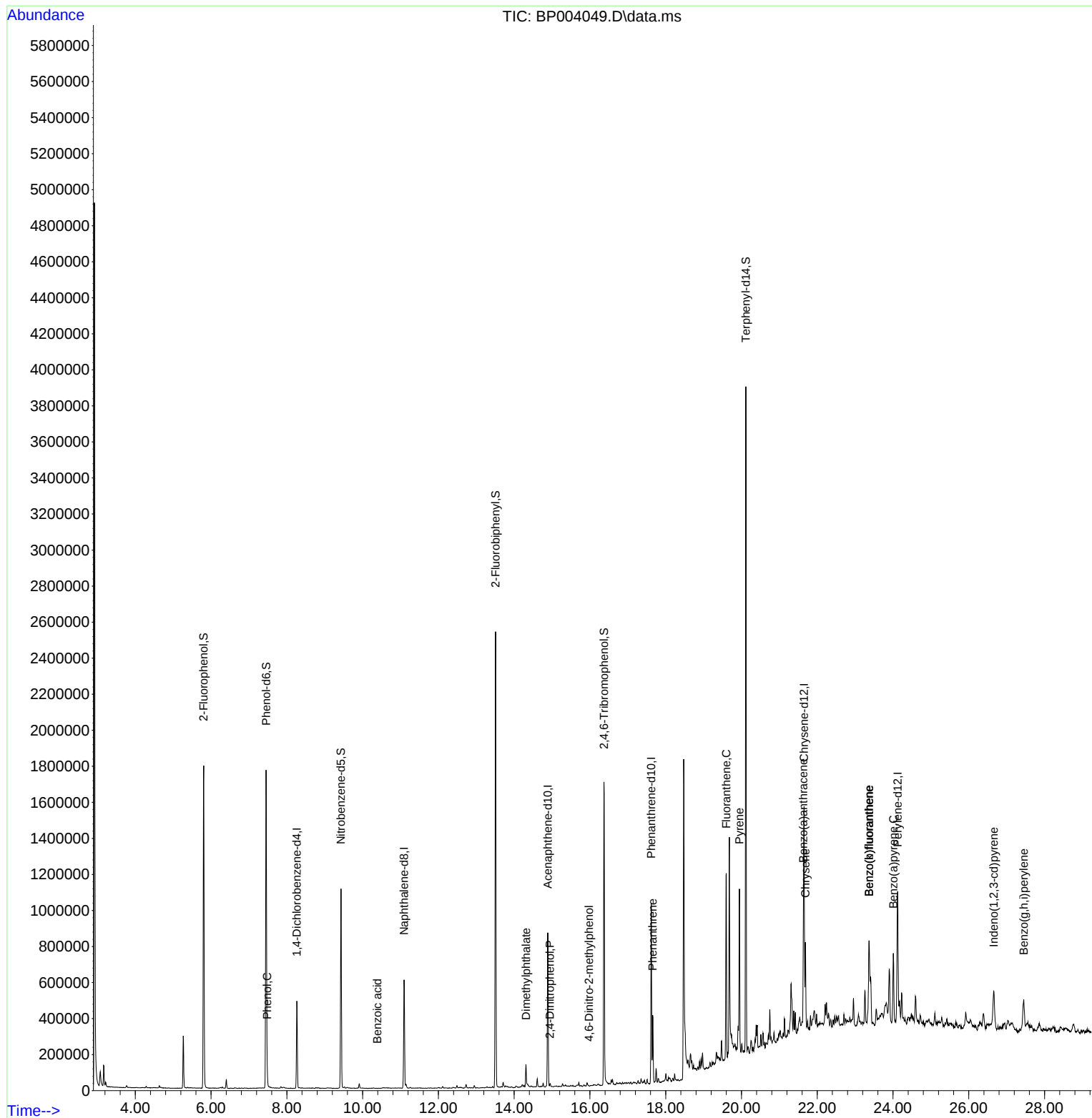
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	125564	20.00	ng	-0.03
21) Naphthalene-d8	11.093	136	480484	20.00	ng	#-0.04
39) Acenaphthene-d10	14.887	164	283169	20.00	ng	-0.02
64) Phenanthrene-d10	17.616	188	588484	20.00	ng	#-0.02
76) Chrysene-d12	21.651	240	556669	20.00	ng	0.00
86) Perylene-d12	24.122	264	587218	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	750453	99.75	ng	0.00
7) Phenol-d6	7.452	99	972924	90.09	ng	0.00
23) Nitrobenzene-d5	9.428	82	615672	62.75	ng	-0.03
42) 2,4,6-Tribromophenol	16.375	330	344175	97.18	ng	-0.01
45) 2-Fluorobiphenyl	13.510	172	1264342	62.42	ng	-0.02
79) Terphenyl-d14	20.116	244	1522036	52.82	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.381	77	769	Below Cal	#	43
10) Phenol	7.481	94	38895	3.73	ng	78
32) Benzoic acid	10.387	122	44	8.31	ng	# 1
50) Dimethylphthalate	14.310	163	77786	3.51	ng	100
54) 2,4-Dinitrophenol	14.946	184	7	2.73	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.975	198	35	6.35	ng	# 1
71) Phenanthrene	17.657	178	227072	6.88	ng	98
75) Fluoranthene	19.598	202	605900	15.90	ng	99
78) Pyrene	19.945	202	529924	14.03	ng	98
81) Benzo(a)anthracene	21.633	228	283787	7.73	ng	98
83) Chrysene	21.686	228	305195	8.65	ng	96
87) Indeno(1,2,3-cd)pyrene	26.663	276	215423	5.09	ng	# 93
88) Benzo(b)fluoranthene	23.369	252	565760	14.72	ng	98
89) Benzo(k)fluoranthene	23.369	252	565760	14.91	ng	98
90) Benzo(a)pyrene	24.010	252	287507	8.08	ng	96
92) Benzo(g,h,i)perylene	27.451	276	215590	6.31	ng	95

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

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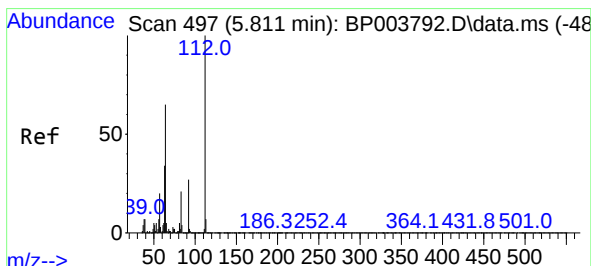
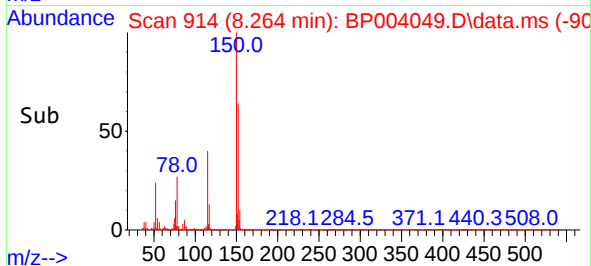
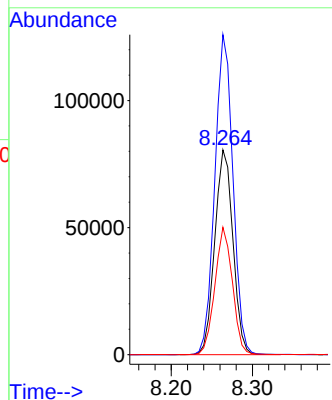
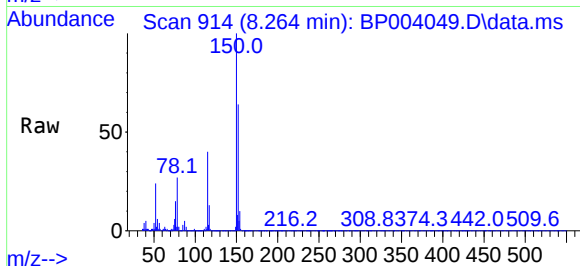




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.264 min Scan# 914
Delta R.T. -0.029 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

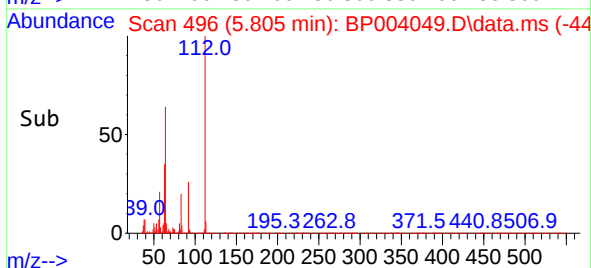
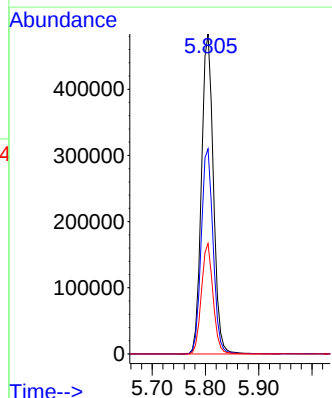
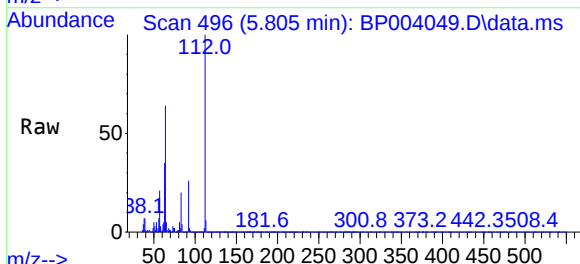
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

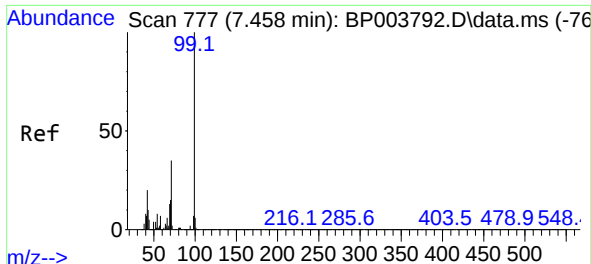
Tgt Ion:152 Resp: 125564
Ion Ratio Lower Upper
152 100
150 156.2 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 99.75 ng
RT: 5.805 min Scan# 496
Delta R.T. -0.006 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:112 Resp: 750453
Ion Ratio Lower Upper
112 100
64 64.1 32.8 49.2#
63 34.5 17.0 25.4#

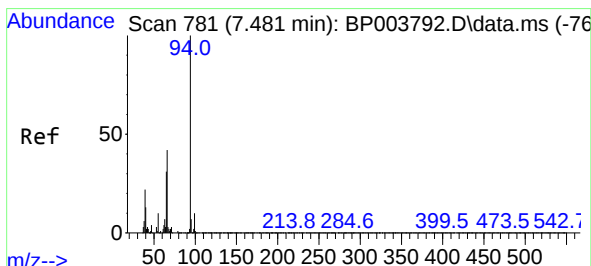
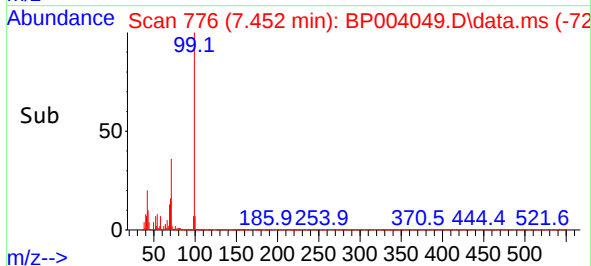
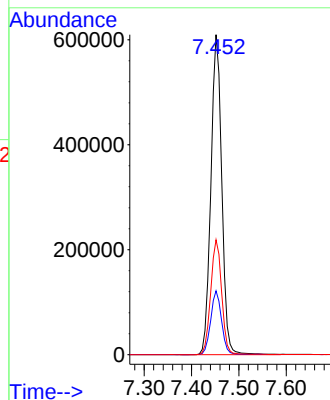
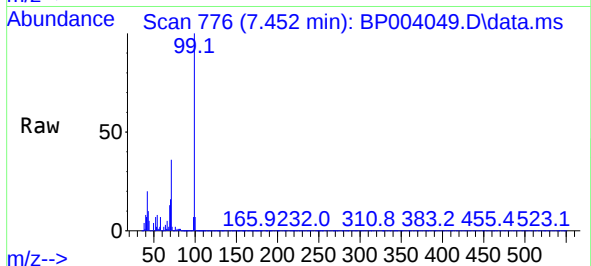




#7
Phenol-d6
Concen: 90.09 ng
RT: 7.452 min Scan# 776
Delta R.T. -0.006 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

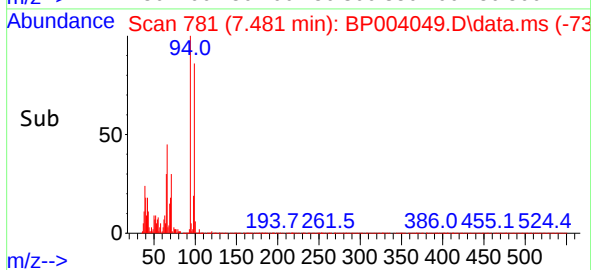
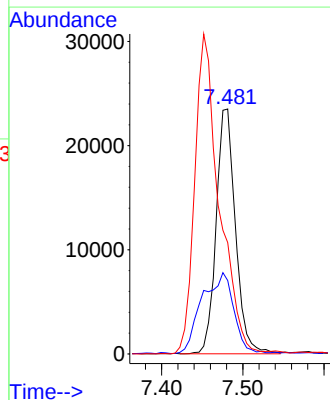
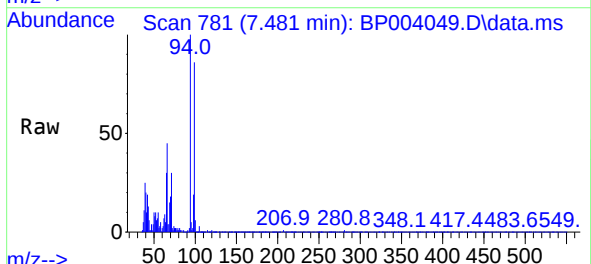
Instrument :
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ClientSampleId :
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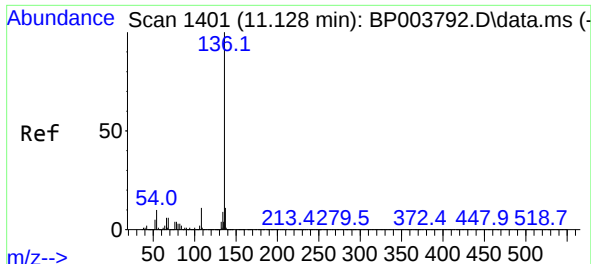
Tgt Ion: 99 Resp: 972924
Ion Ratio Lower Upper
99 100
42 19.9 8.6 13.0#
71 35.9 23.4 35.2#



#10
Phenol
Concen: 3.73 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion: 94 Resp: 38895
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 45.4 10.9 50.9

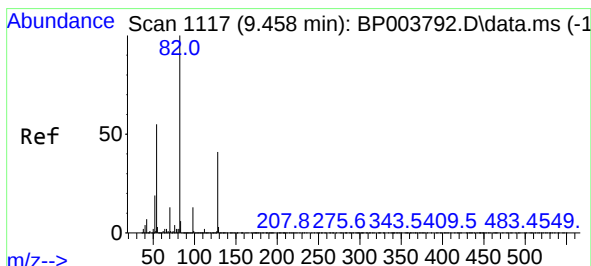
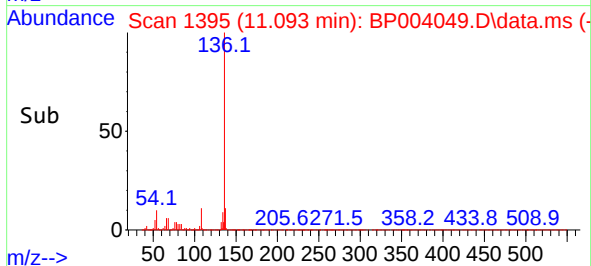
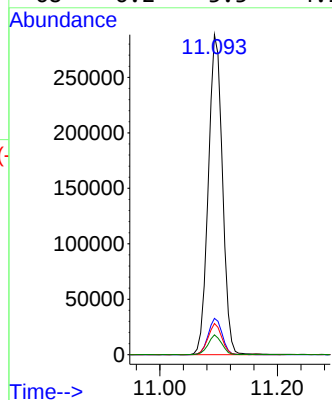
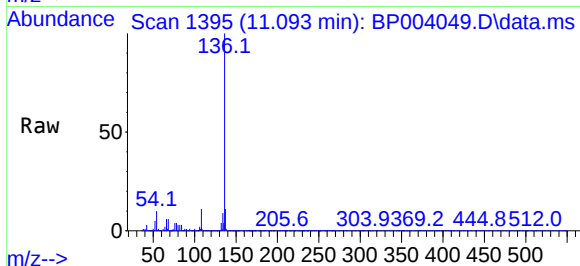




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.035 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

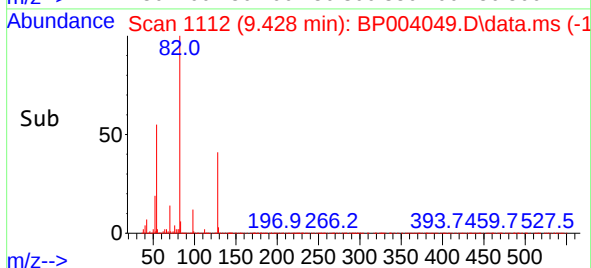
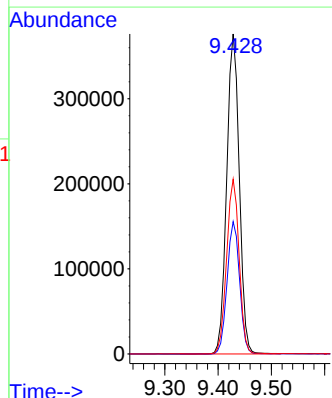
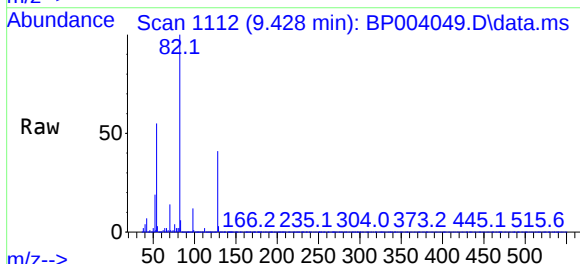
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ClientSampleId :
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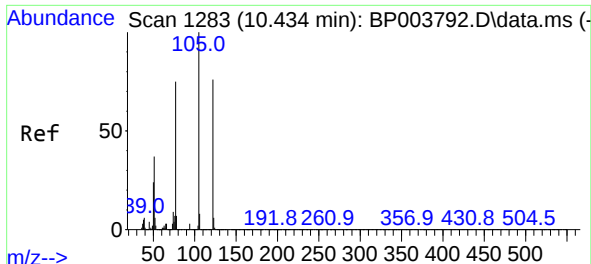
Tgt Ion:	136	Resp:	480484
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	9.7	3.6	5.4#
68	6.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 62.75 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.029 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:	82	Resp:	615672
Ion Ratio	Lower	Upper	
82	100		
128	41.4	45.6	68.4#
54	54.6	30.1	45.1#

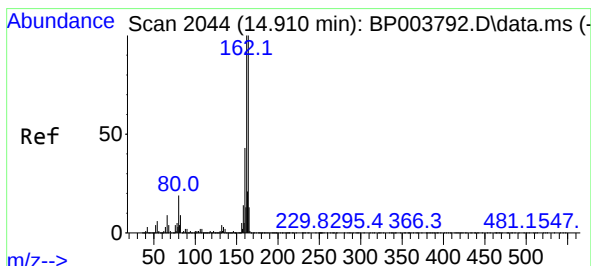
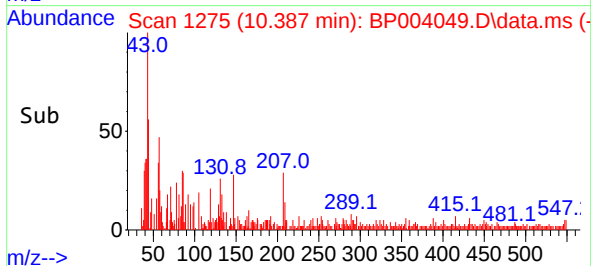
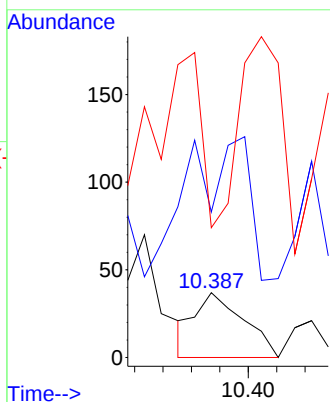
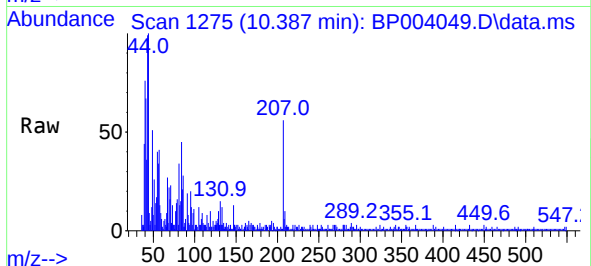




#32
Benzoic acid
Concen: 8.31 ng
RT: 10.387 min Scan# 1275
Delta R.T. -0.047 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

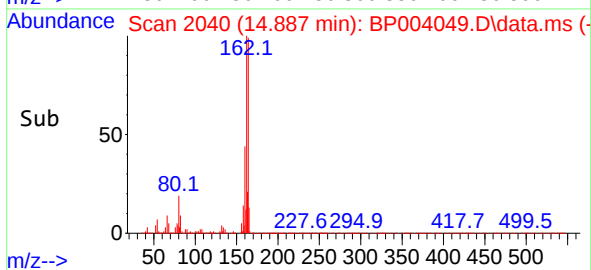
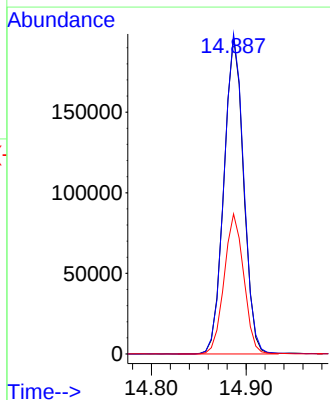
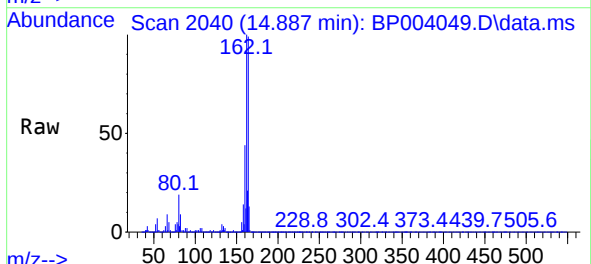
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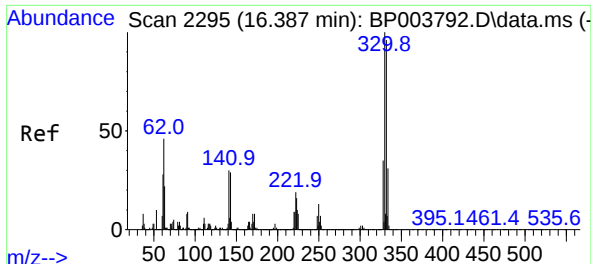
Tgt Ion:	122	Resp:	44
Ion	Ratio	Lower	Upper
122	100		
105	224.3	94.1	134.1#
77	200.0	50.1	90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.023 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:	164	Resp:	283169
Ion	Ratio	Lower	Upper
164	100		
162	101.1	79.4	119.2
160	44.2	36.1	54.1

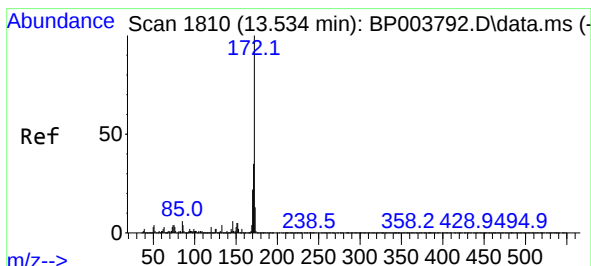
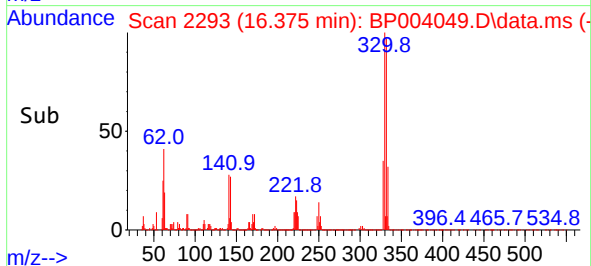
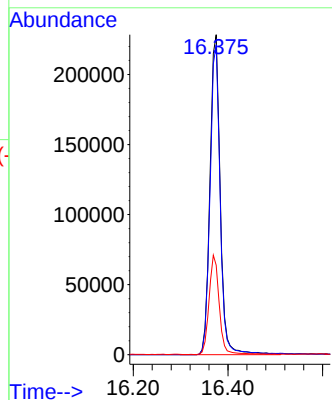
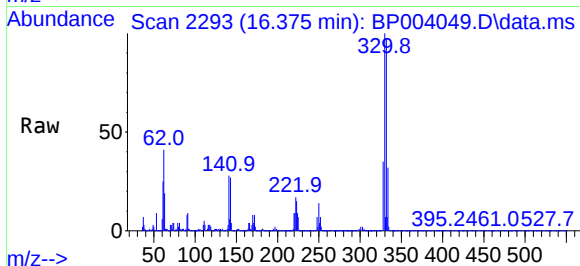




#42
2,4,6-Tribromophenol
Concen: 97.18 ng
RT: 16.375 min Scan# 2293
Delta R.T. -0.012 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

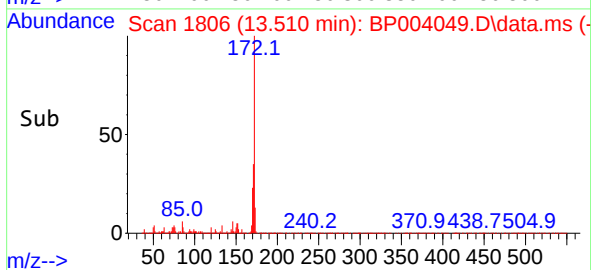
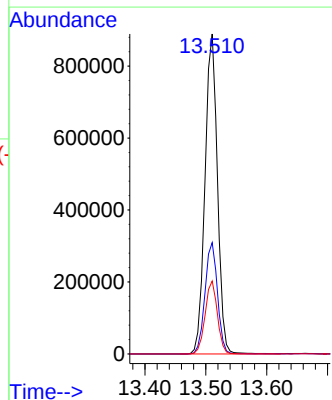
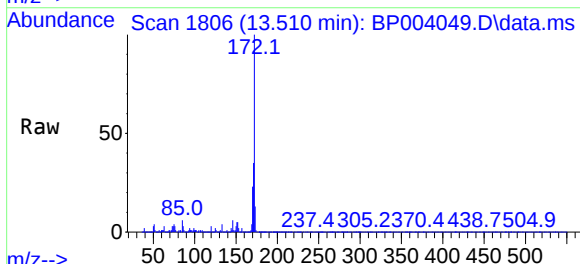
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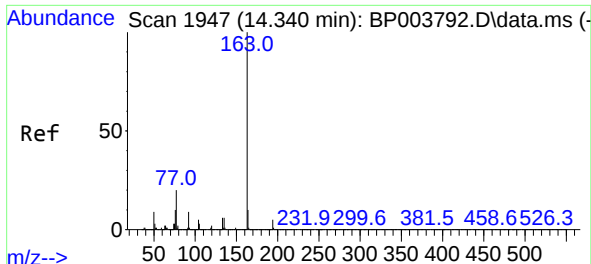
Tgt Ion: 330 Resp: 344175
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 31.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 62.42 ng
RT: 13.510 min Scan# 1806
Delta R.T. -0.023 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion: 172 Resp: 1264342
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 22.8 19.2 28.8

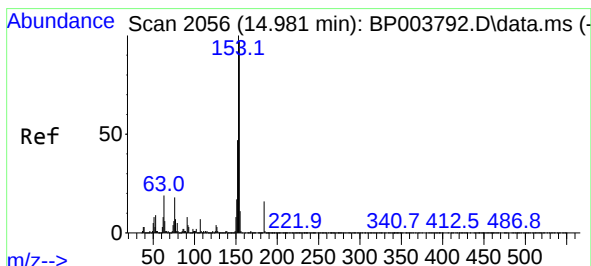
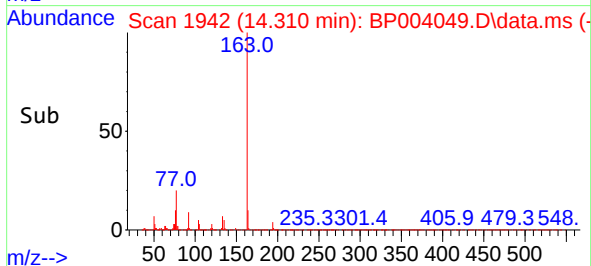
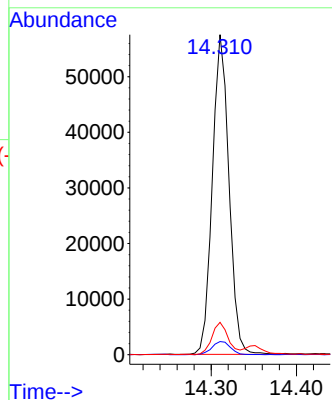
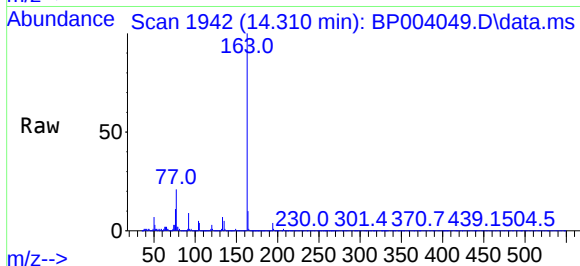




#50
Dimethylphthalate
Concen: 3.51 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.029 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

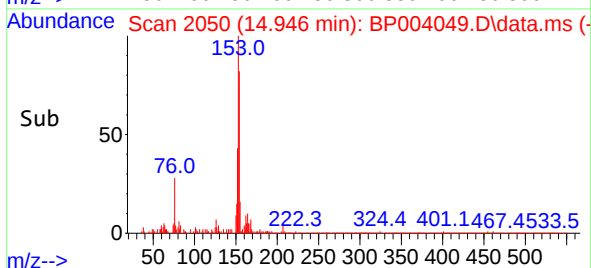
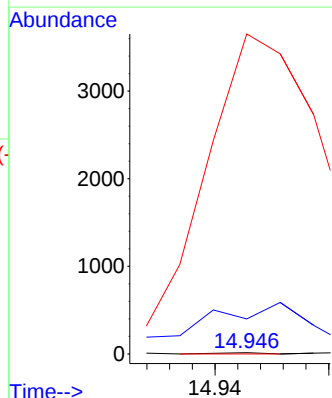
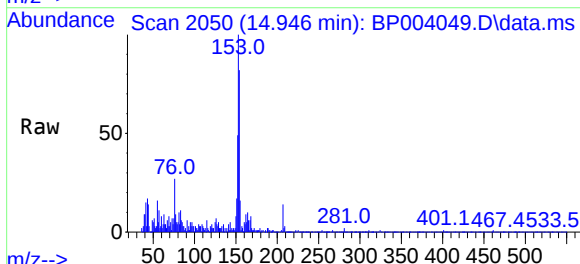
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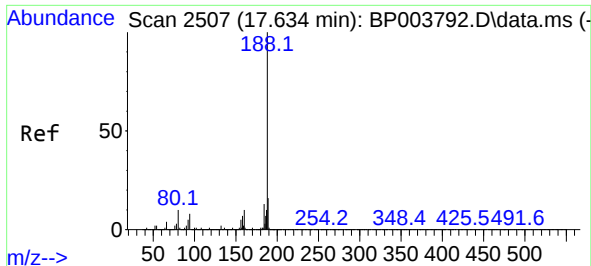
Tgt Ion:163 Resp: 77786
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.73 ng
RT: 14.946 min Scan# 2050
Delta R.T. -0.035 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 2857.1 32.3 48.5#
154 26085.7 49.1 73.7#

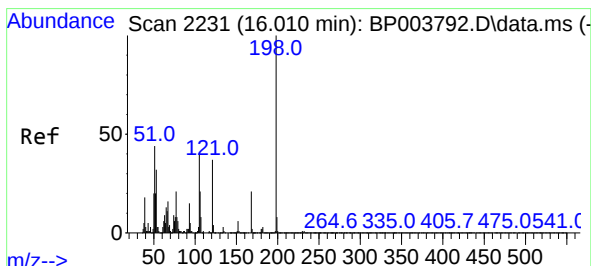
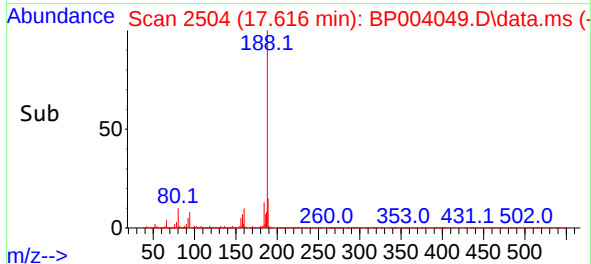
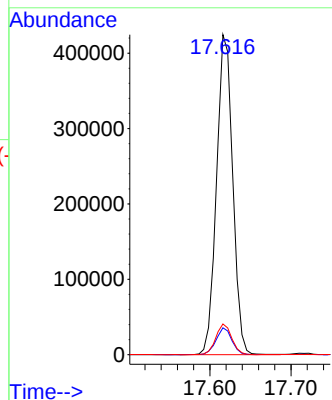
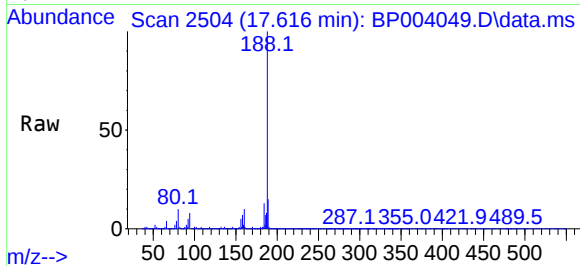




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.616 min Scan# 2504
Delta R.T. -0.018 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

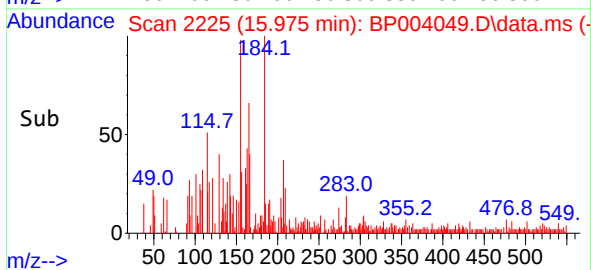
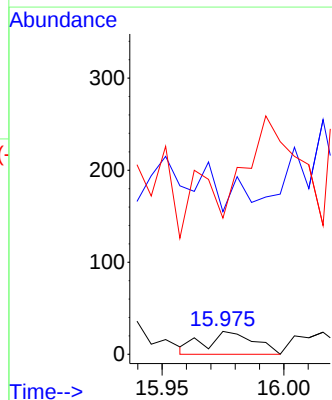
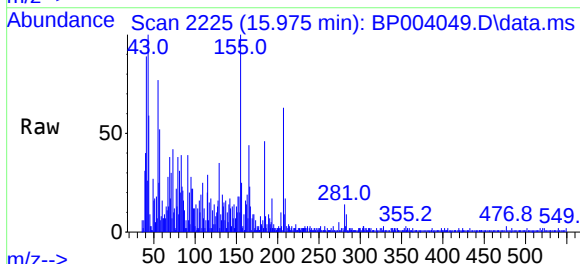
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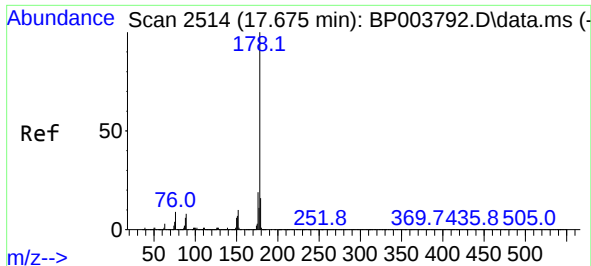
Tgt Ion:188	Resp:	588484
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.2 9.2
80	9.6	6.2 9.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.35 ng
RT: 15.975 min Scan# 2225
Delta R.T. -0.035 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:198	Resp:	35
Ion Ratio	Lower	Upper
198	100	
51	620.0	6.4 46.4#
105	592.0	18.9 58.9#

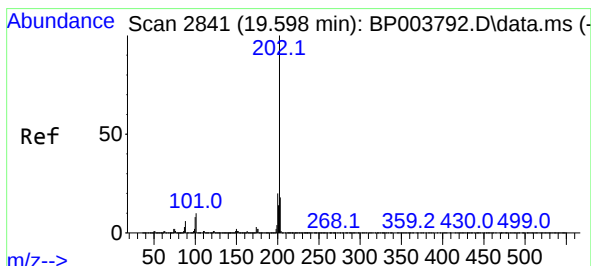
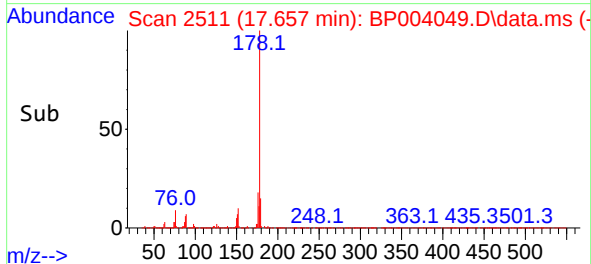
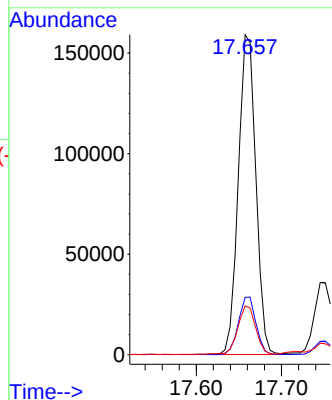
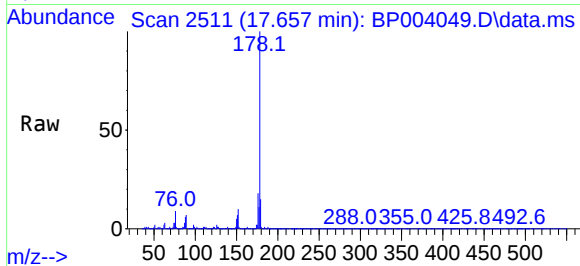




#71
Phenanthrene
Concen: 6.88 ng
RT: 17.657 min Scan# 2511
Delta R.T. -0.018 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

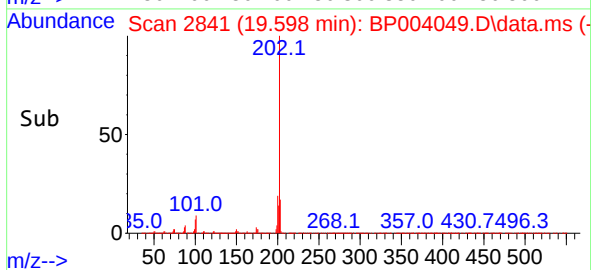
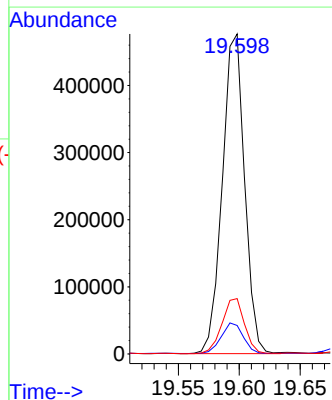
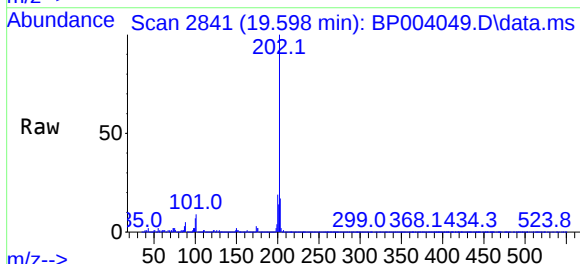
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

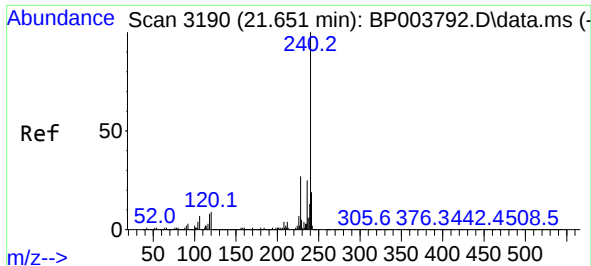
Tgt Ion:178 Resp: 227072
Ion Ratio Lower Upper
178 100
176 17.9 15.3 22.9
179 15.3 12.5 18.7



#75
Fluoranthene
Concen: 15.90 ng
RT: 19.598 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:202 Resp: 605900
Ion Ratio Lower Upper
202 100
101 8.9 0.0 29.4
203 17.3 0.0 37.8

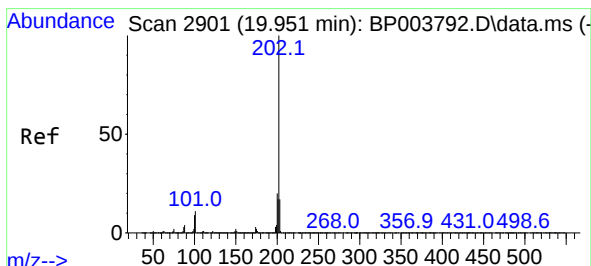
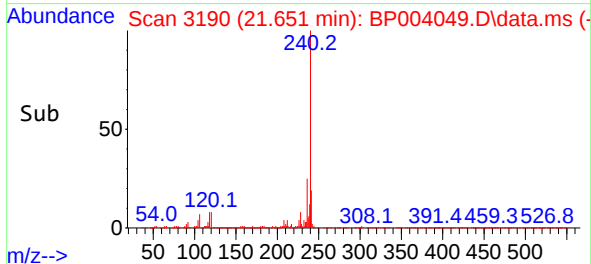
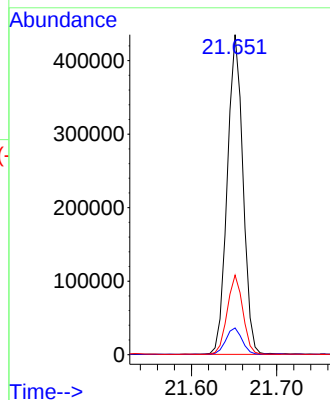
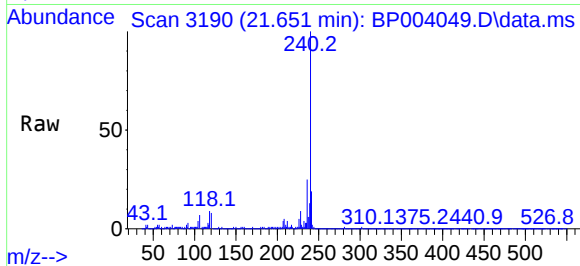




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.651 min Scan# 3190
Delta R.T. 0.000 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

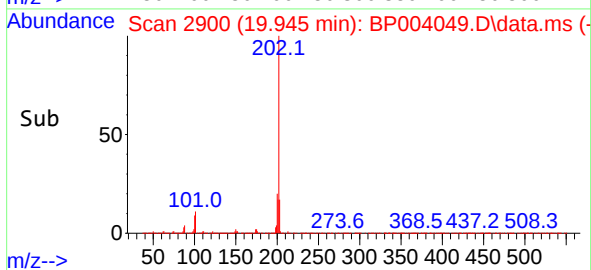
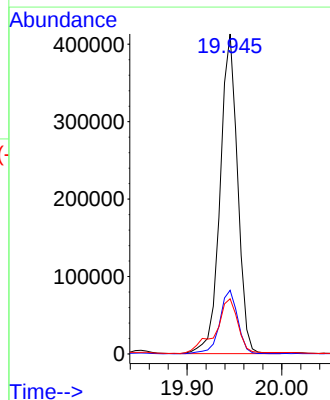
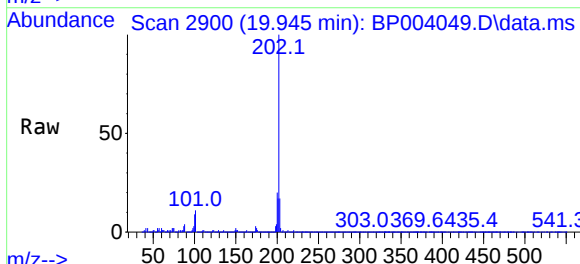
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

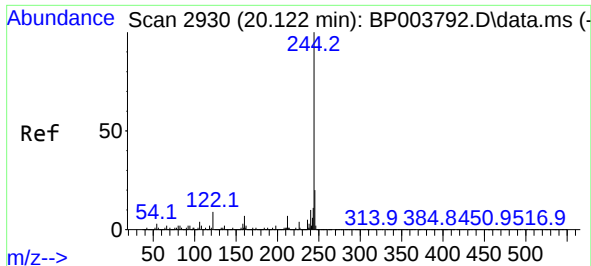
Tgt Ion:240 Resp: 556669
Ion Ratio Lower Upper
240 100
120 8.4 7.8 11.6
236 24.8 20.8 31.2



#78
Pyrene
Concen: 14.03 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:202 Resp: 529924
Ion Ratio Lower Upper
202 100
200 19.9 17.1 25.7
203 17.3 14.2 21.2

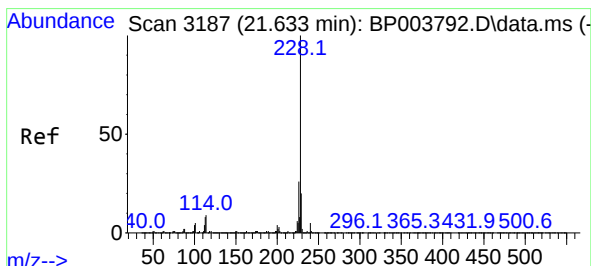
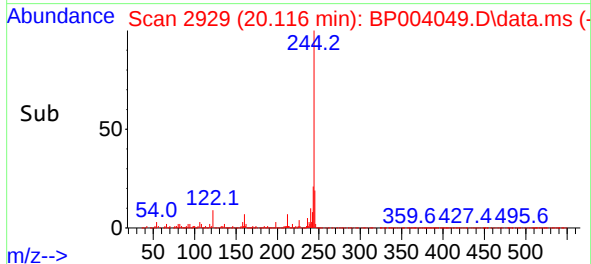
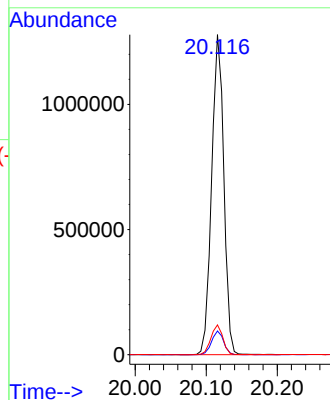
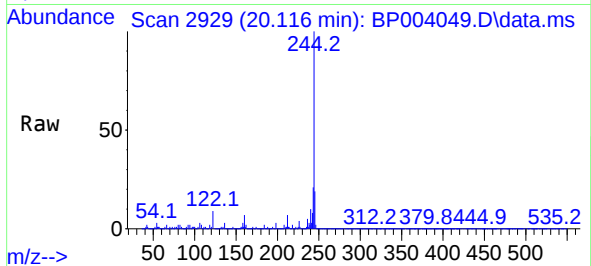




#79
Terphenyl-d14
Concen: 52.82 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

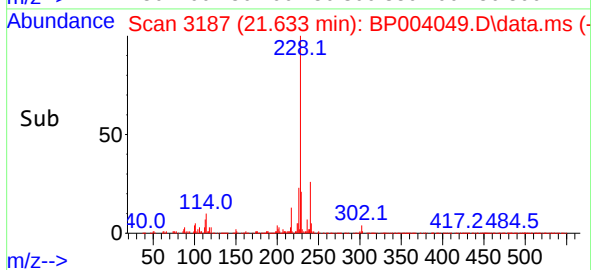
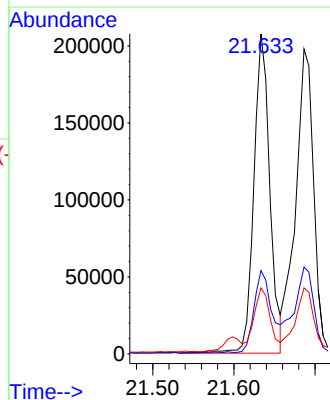
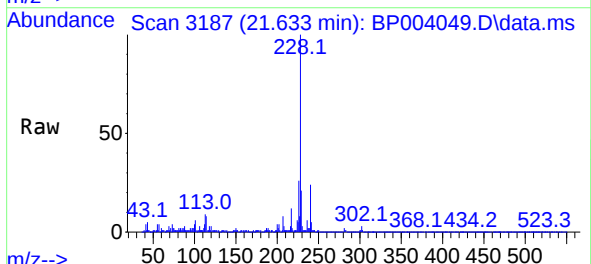
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

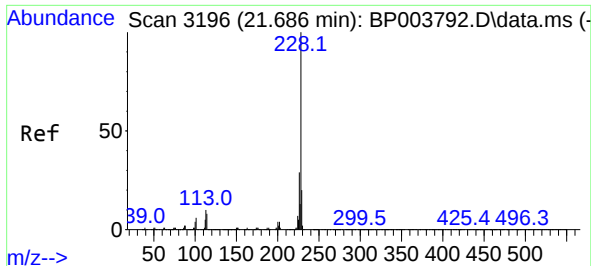
Tgt Ion:244 Resp: 1522036
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.3 7.8 11.8



#81
Benzo(a)anthracene
Concen: 7.73 ng
RT: 21.633 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:228 Resp: 283787
Ion Ratio Lower Upper
228 100
226 26.1 22.1 33.1
229 20.7 15.9 23.9

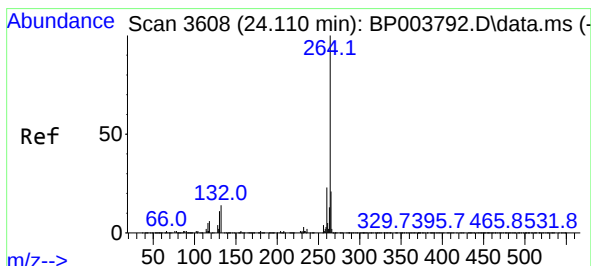
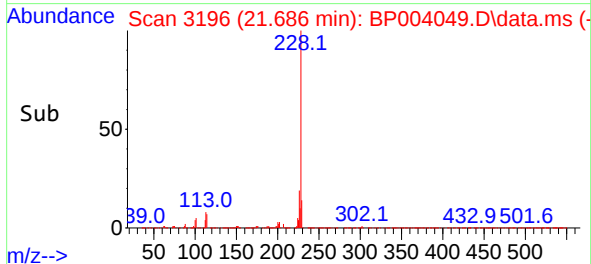
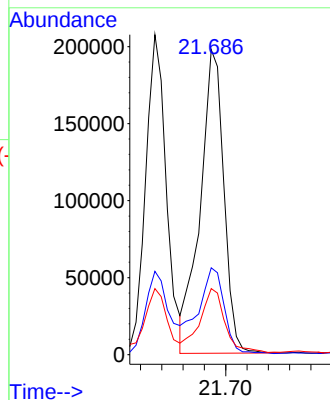
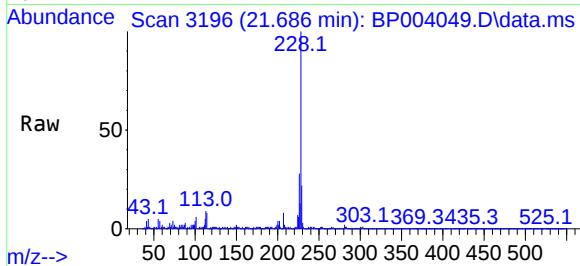




#83
Chrysene
Concen: 8.65 ng
RT: 21.686 min Scan# 3196
Delta R.T. 0.000 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

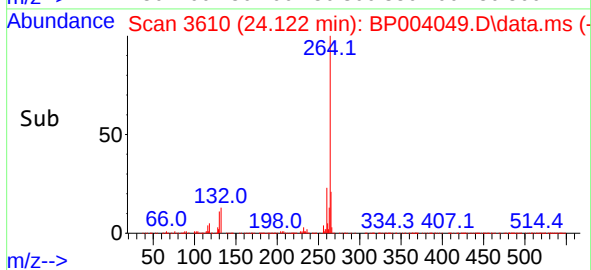
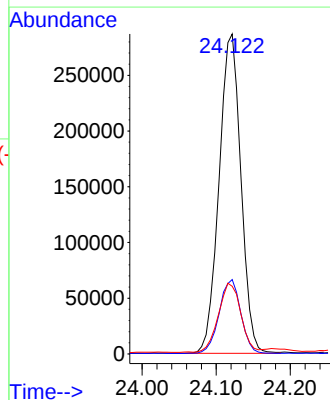
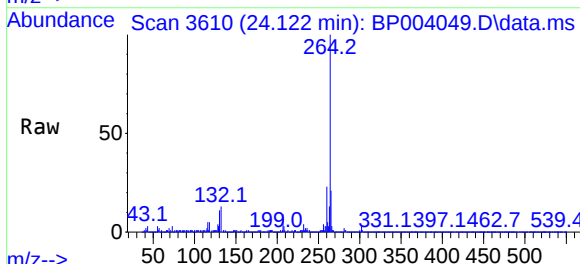
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

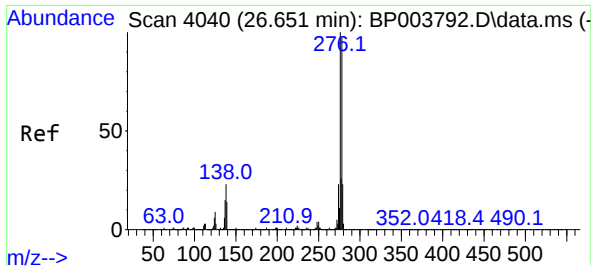
Tgt Ion:	228	Resp:	305195
Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.4	36.6
229	21.7	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.122 min Scan# 3610
Delta R.T. 0.012 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion:	264	Resp:	587218
Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.2	17.4	26.2

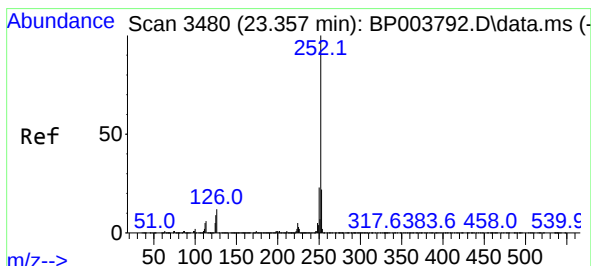
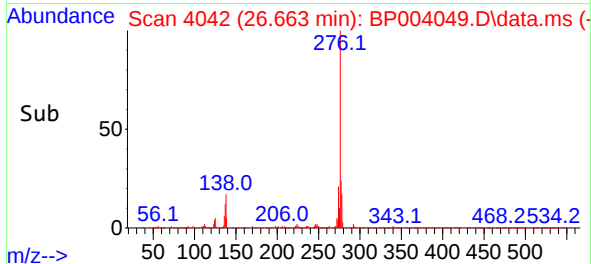
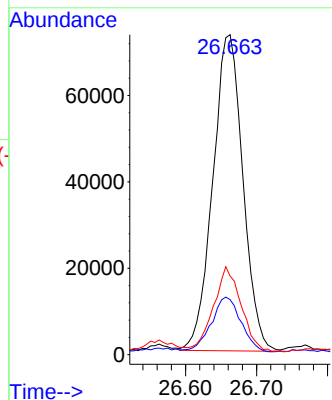
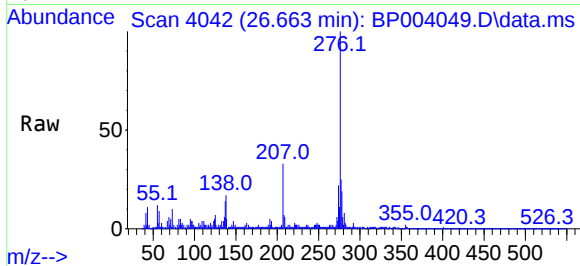




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.09 ng
RT: 26.663 min Scan# 4042
Delta R.T. 0.012 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

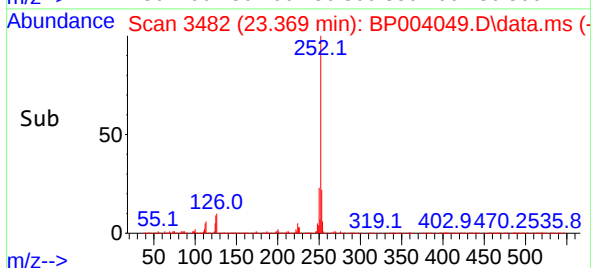
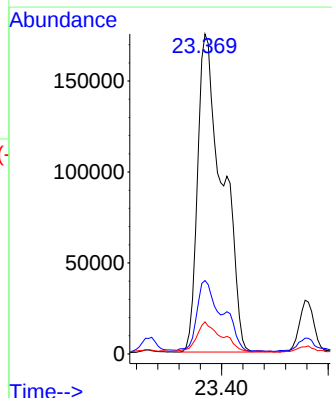
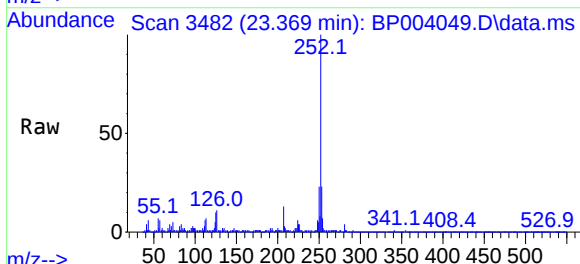
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

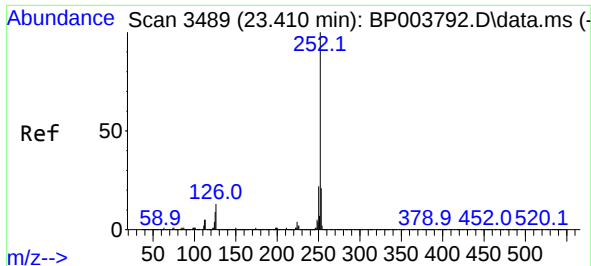
Tgt Ion: 276 Resp: 215423
Ion Ratio Lower Upper
276 100
138 17.1 18.7 28.1#
277 24.8 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 14.72 ng
RT: 23.369 min Scan# 3482
Delta R.T. 0.012 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Tgt Ion: 252 Resp: 565760
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 10.0 7.3 10.9

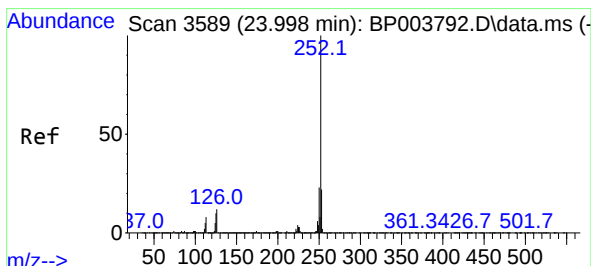
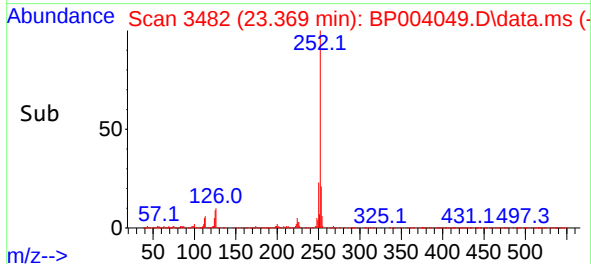
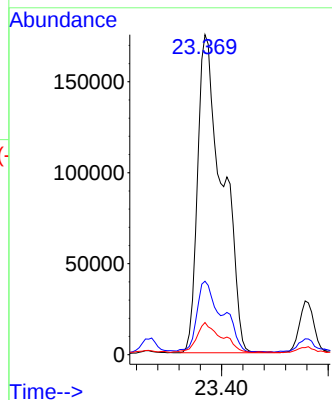
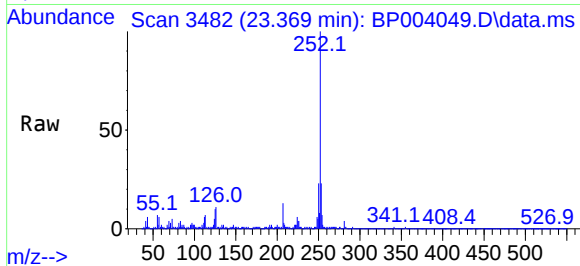




#89
Benzo(k)fluoranthene
Concen: 14.91 ng
RT: 23.369 min Scan# 3482
Delta R.T. -0.041 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

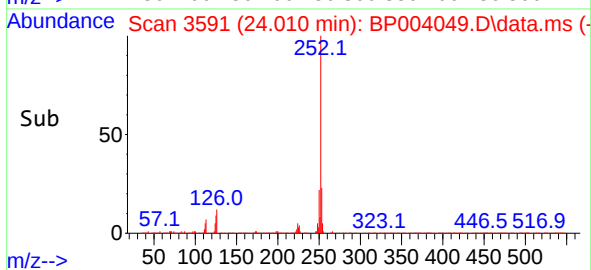
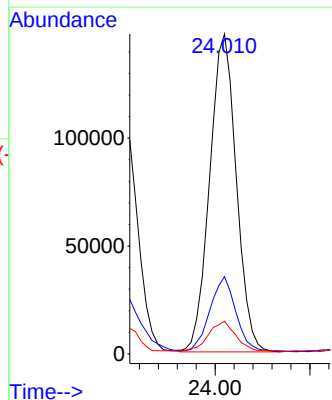
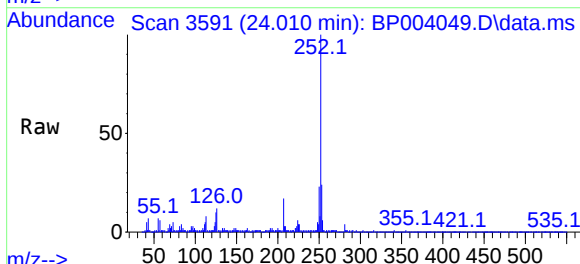
Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST

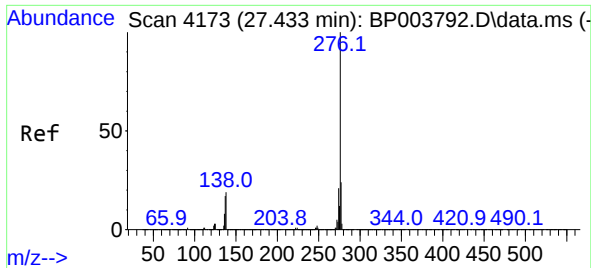
Tgt Ion:252 Resp: 565760
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 8.08 ng
RT: 24.010 min Scan# 3591
Delta R.T. 0.012 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

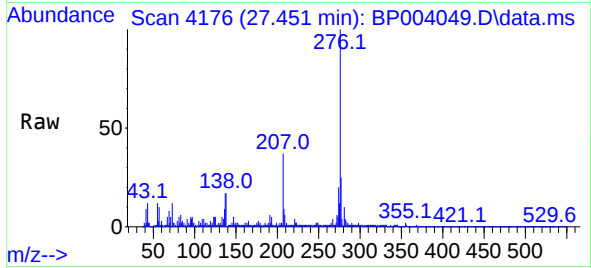
Tgt Ion:252 Resp: 287507
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 10.3 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 6.31 ng
RT: 27.451 min Scan# 4176
Delta R.T. 0.018 min
Lab File: BP004049.D
Acq: 21 Nov 2020 21:30

Instrument :
BNA_P
ClientSampleId :
340EM-STOCKPILE-WEST



Tgt Ion:276 Resp: 215590
Ion Ratio Lower Upper
276 100
277 25.5 19.0 28.6
138 17.2 16.6 24.8

