

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003630.D
 Acq On : 15 Oct 2020 18:33
 Operator : CG/JU
 Sample : L4392-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HACK-MH

Quant Time: Oct 16 00:23:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 17:03:23 2020
 Response via : Initial Calibration

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

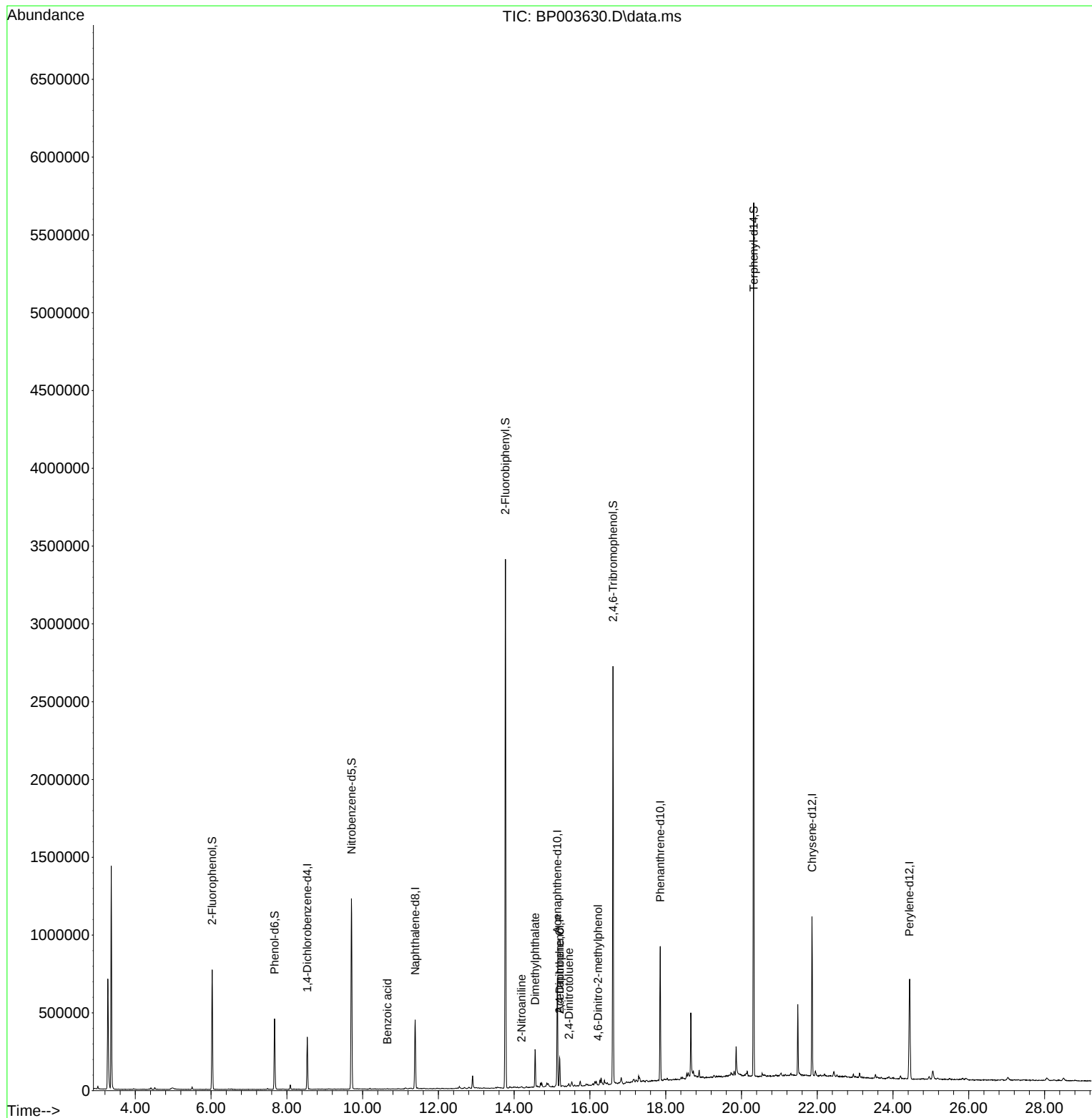
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	85327	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	327243	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	227522	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	507192	20.00	ng	0.00
76) Chrysene-d12	21.863	240	524228	20.00	ng	#-0.02
86) Perylene-d12	24.433	264	527447	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	297938	60.03	ng	0.00
7) Phenol-d6	7.675	99	239919	33.19	ng	0.00
23) Nitrobenzene-d5	9.704	82	711418	100.79	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	504723	166.39	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1626138	93.77	ng	0.00
79) Terphenyl-d14	20.321	244	2329010	80.38	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.634	77	324	Below Cal	#	16
32) Benzoic acid	10.651	122	69	6.44	ng	# 55
48) 2-Nitroaniline	14.192	65	259	4.24	ng	# 2
50) Dimethylphthalate	14.551	163	144166	7.72	ng	99
52) Acenaphthene	15.198	154	64543	4.65	ng	98
54) 2,4-Dinitrophenol	15.198	184	28	2.13	ng	# 1
57) 2,4-Dinitrotoluene	15.445	165	1017	3.75	ng	# 74
65) 4,6-Dinitro-2-methylph...	16.210	198	29	7.39	ng	# 1

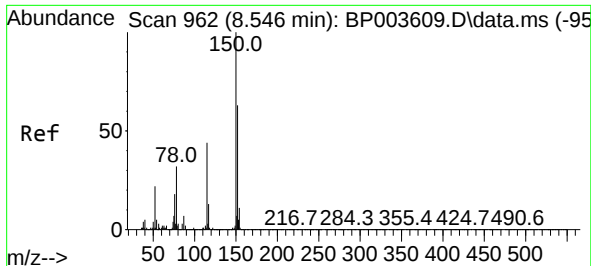
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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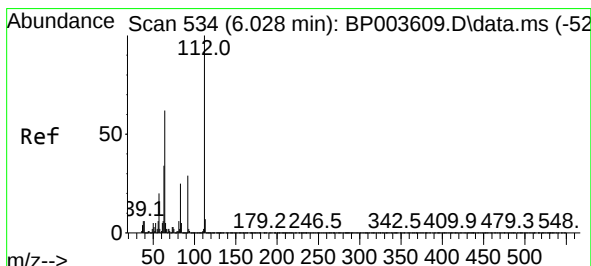
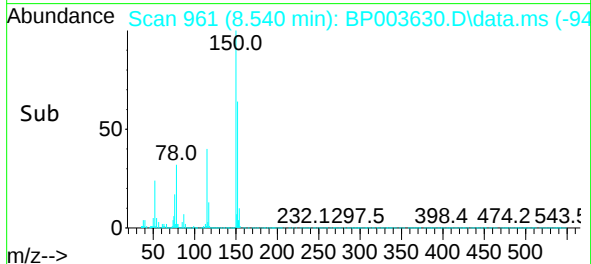
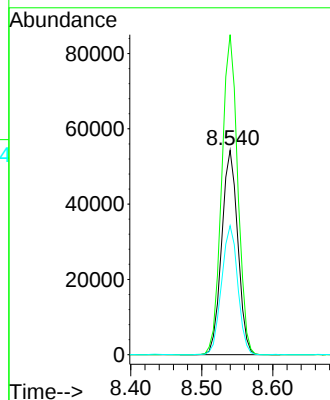
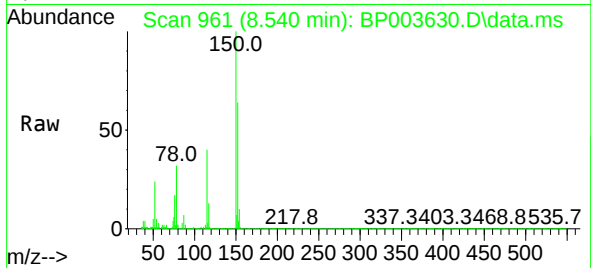




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

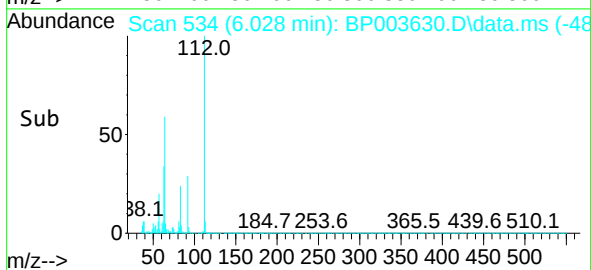
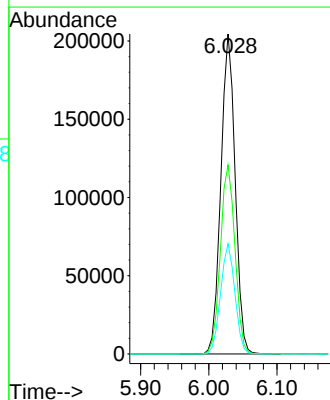
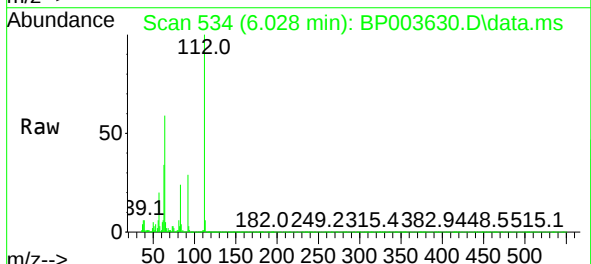
Instrument :
BNA_P
ClientSampleId :
HACK-MH

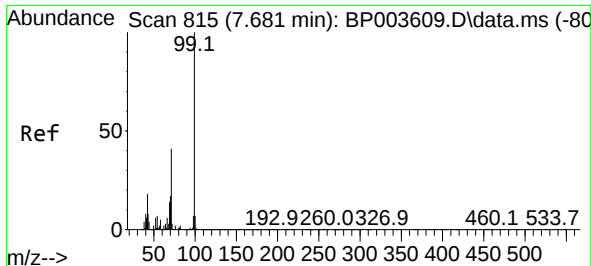
Tgt Ion:152 Resp: 85327
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 60.03 ng
RT: 6.028 min Scan# 534
Delta R.T. -0.000 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:112 Resp: 297938
Ion Ratio Lower Upper
112 100
64 59.0 32.8 49.2#
63 34.4 17.0 25.4#

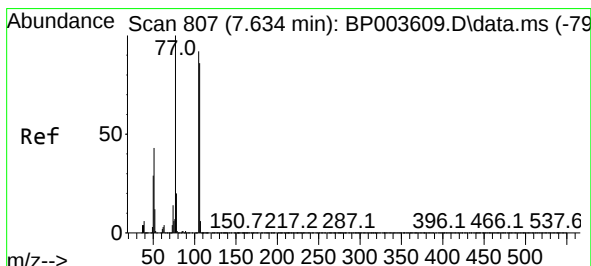
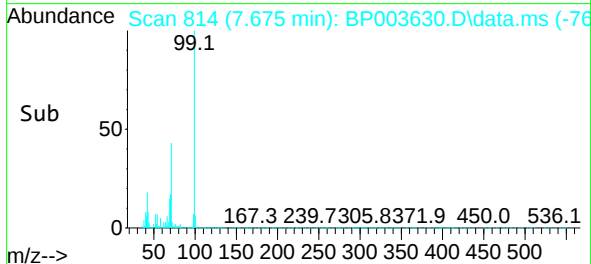
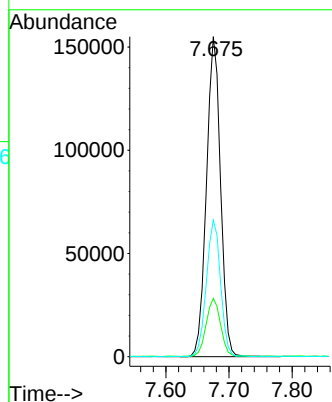
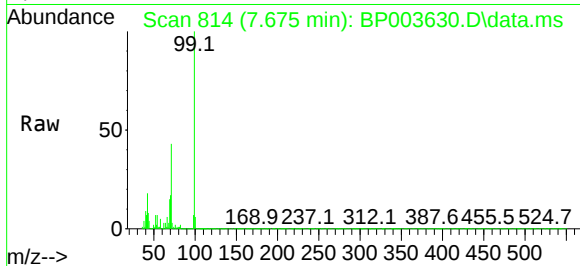




#7
Phenol-d6
Concen: 33.19 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

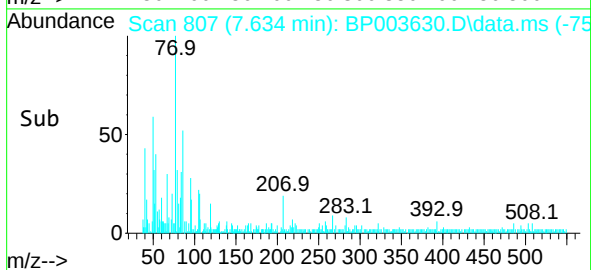
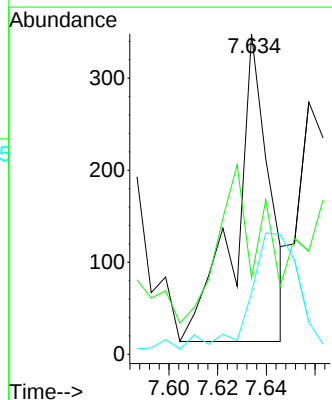
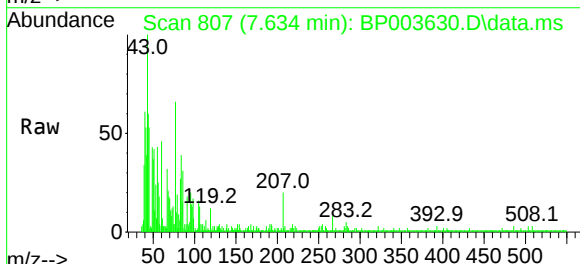
Instrument :
BNA_P
ClientSampleId :
HACK-MH

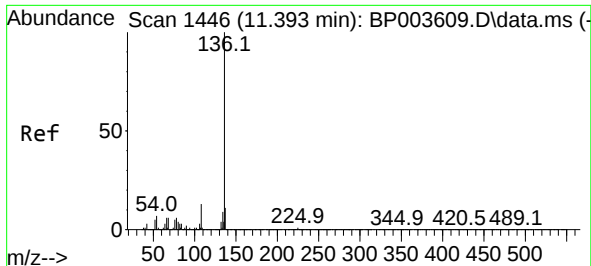
Tgt Ion: 99 Resp: 239919
Ion Ratio Lower Upper
99 100
42 18.2 8.6 13.0#
71 42.7 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion: 77 Resp: 324
Ion Ratio Lower Upper
77 100
105 23.9 97.1 137.1#
106 25.6 93.7 133.7#

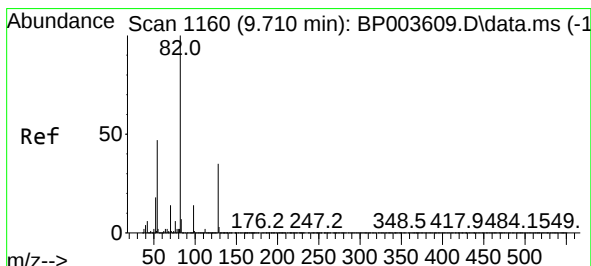
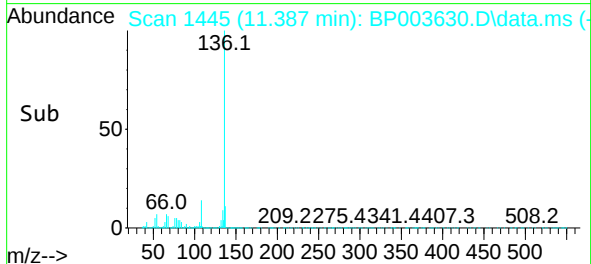
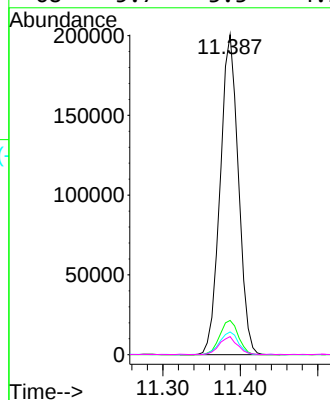
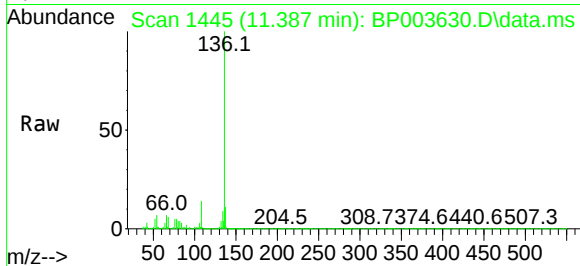




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

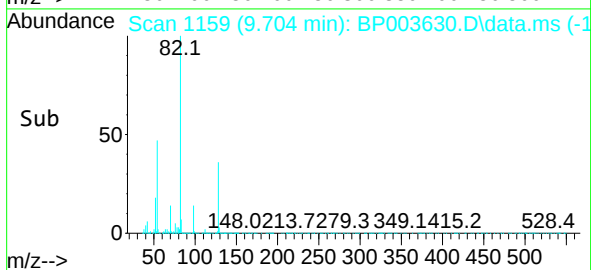
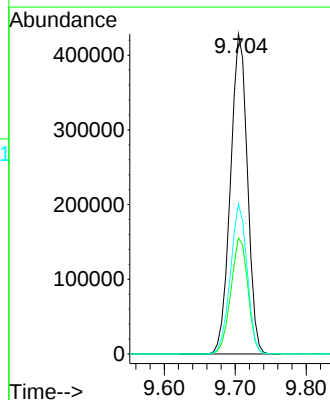
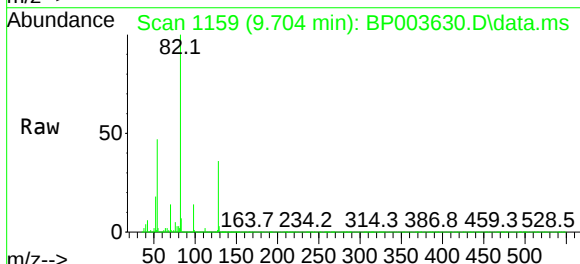
Instrument :
BNA_P
ClientSampleId :
HACK-MH

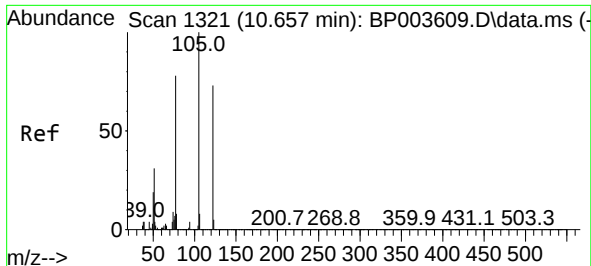
Tgt Ion:	136	Resp:	327243
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	7.1	3.6	5.4#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 100.79 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:	82	Resp:	711418
Ion Ratio	Lower	Upper	
82	100		
128	36.2	45.6	68.4#
54	46.8	30.1	45.1#

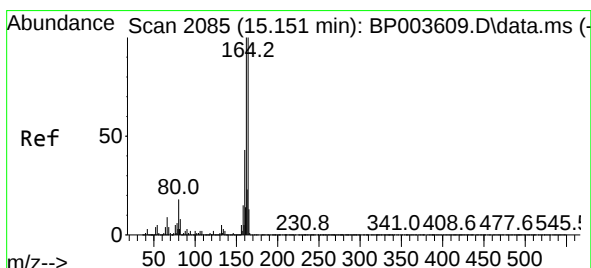
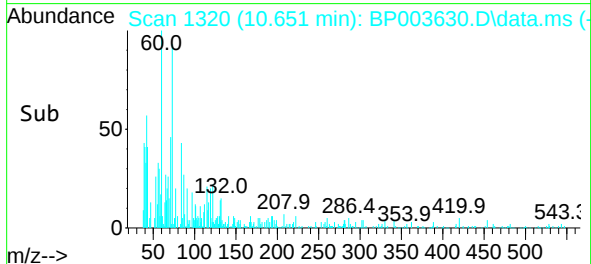
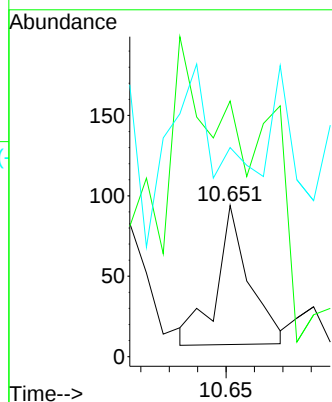
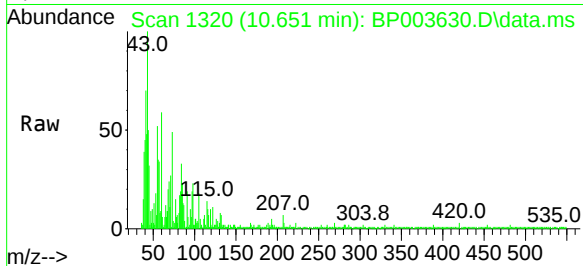




#32
Benzoic acid
Concen: 6.44 ng
RT: 10.651 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

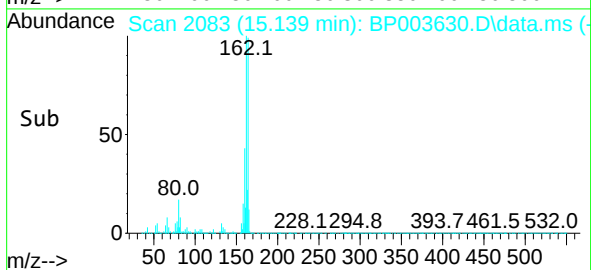
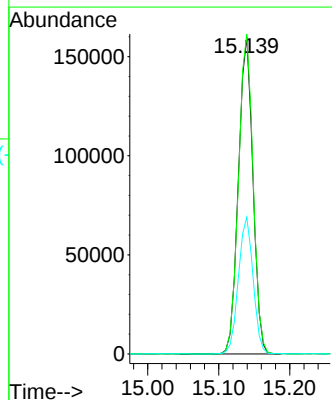
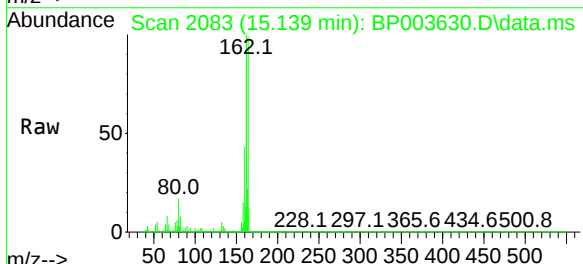
Instrument :
BNA_P
ClientSampleId :
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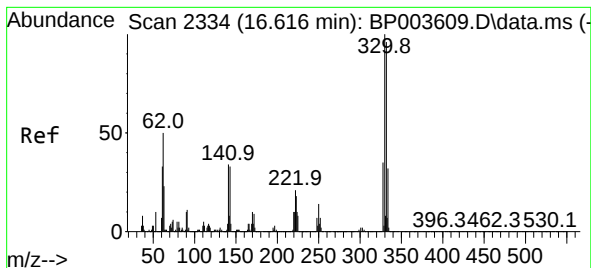
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 150.0 94.1 134.1#
77 122.6 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:164 Resp: 227522
Ion Ratio Lower Upper
164 100
162 101.0 79.4 119.2
160 43.2 36.1 54.1

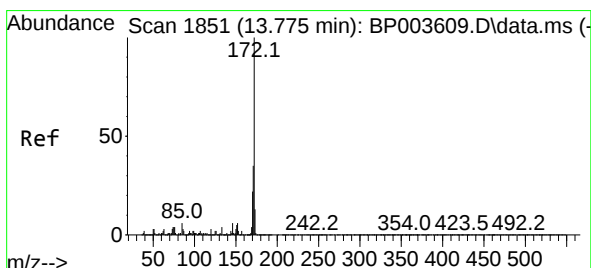
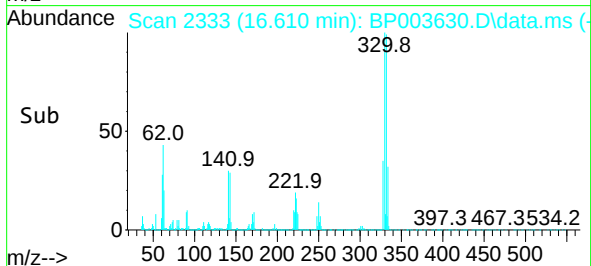
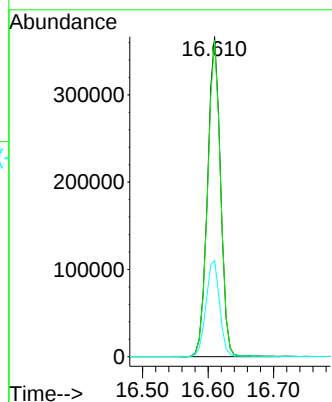
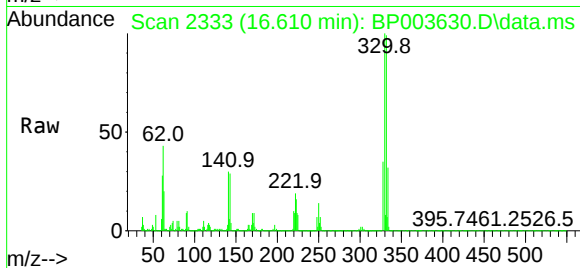




#42
2,4,6-Tribromophenol
Concen: 166.39 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

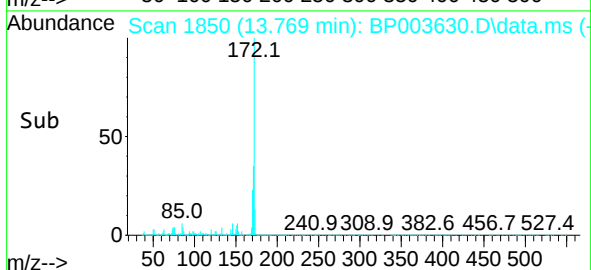
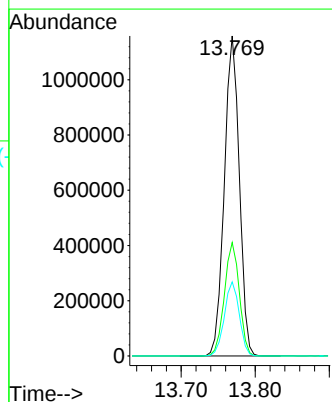
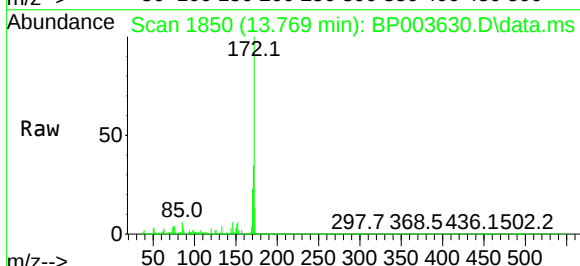
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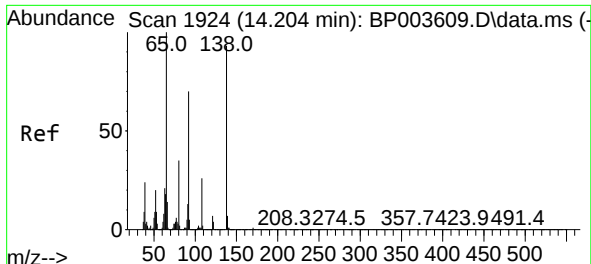
Tgt Ion:330 Resp: 504723
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 31.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.77 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:172 Resp: 1626138
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.2 19.2 28.8

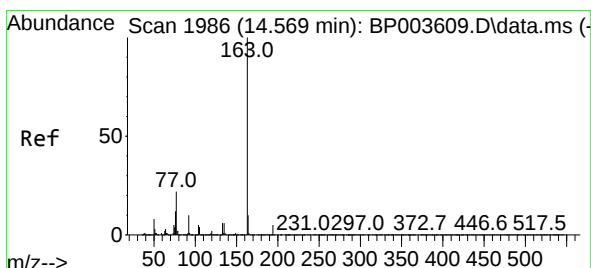
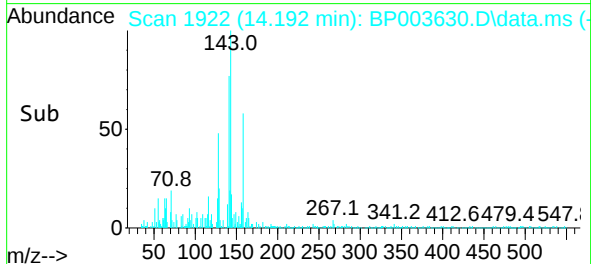
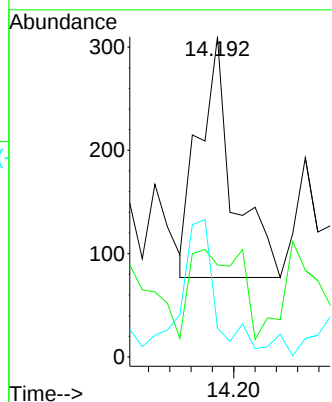
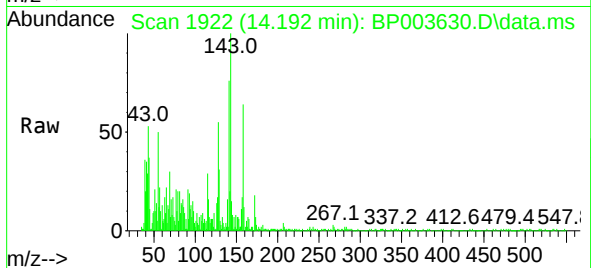




#48
2-Nitroaniline
Concen: 4.24 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.012 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

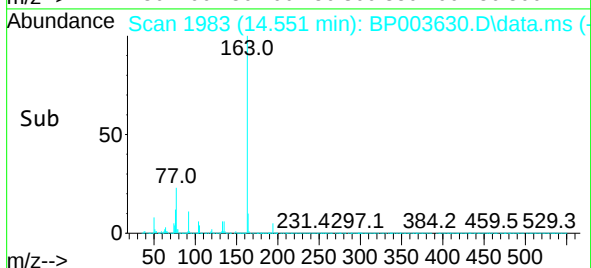
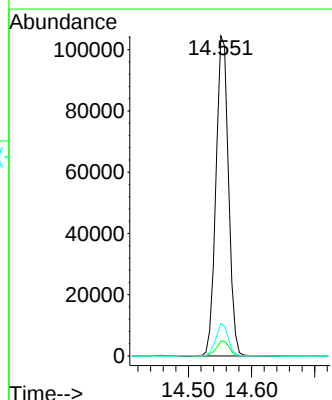
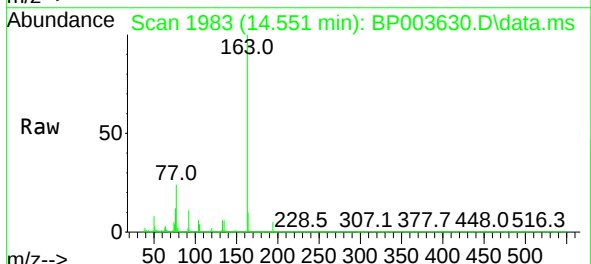
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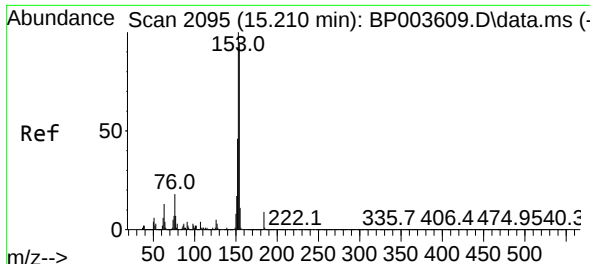
Tgt Ion: 65 Resp: 259
Ion Ratio Lower Upper
65 100
92 28.7 70.6 106.0#
138 9.0 133.6 200.4#



#50
Dimethylphthalate
Concen: 7.72 ng
RT: 14.551 min Scan# 1983
Delta R.T. -0.018 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion: 163 Resp: 144166
Ion Ratio Lower Upper
163 100
194 4.7 3.3 4.9
164 10.2 8.2 12.2

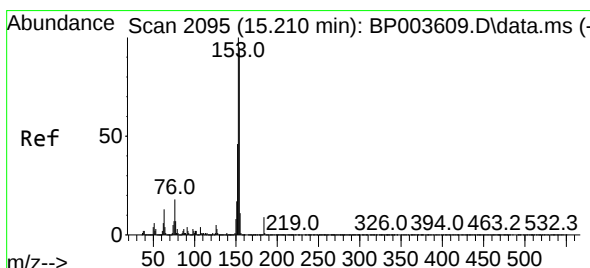
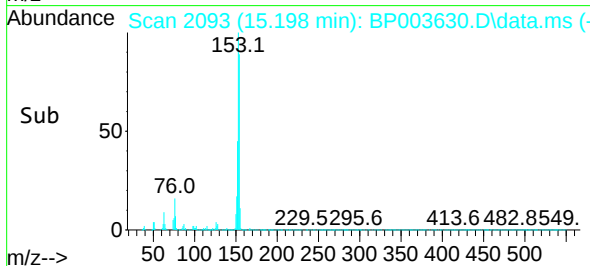
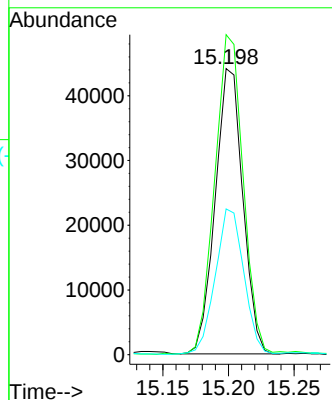
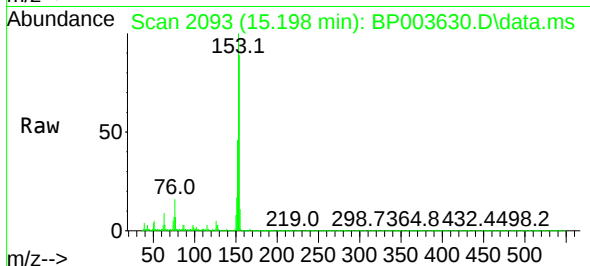




#52
Acenaphthene
Concen: 4.65 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

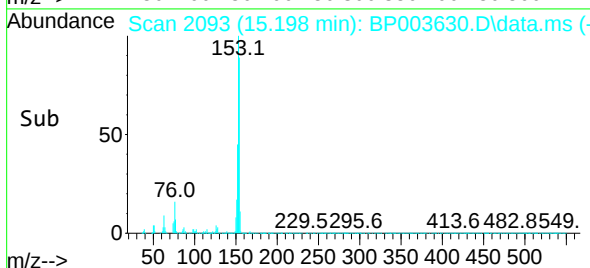
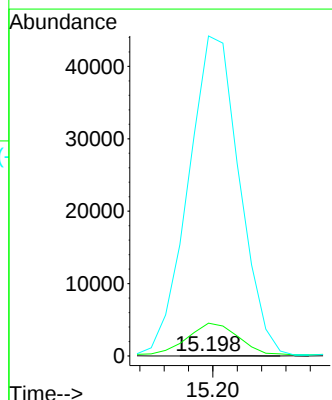
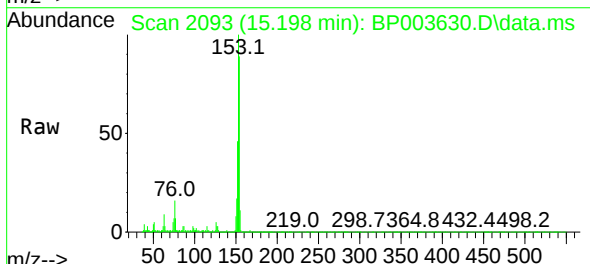
Instrument :
BNA_P
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HACK-MH

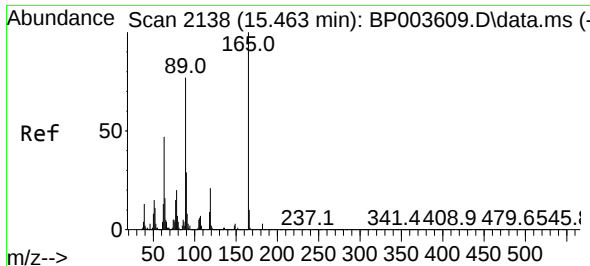
Tgt Ion:154 Resp: 64543
Ion Ratio Lower Upper
154 100
153 111.9 91.0 136.6
152 51.0 43.0 64.6



#54
2,4-Dinitrophenol
Concen: 2.13 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 22710.0 32.3 48.5#
154 221000.0 49.1 73.7#

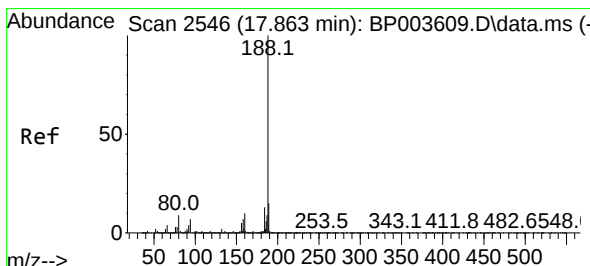
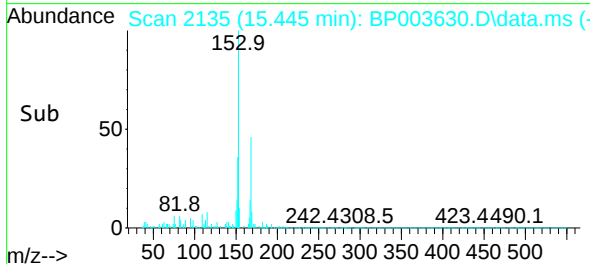
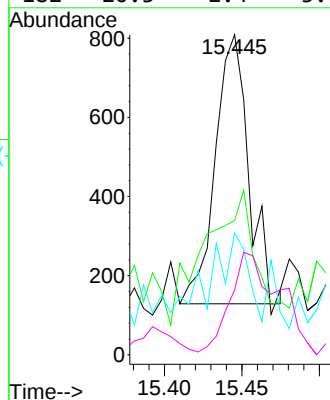
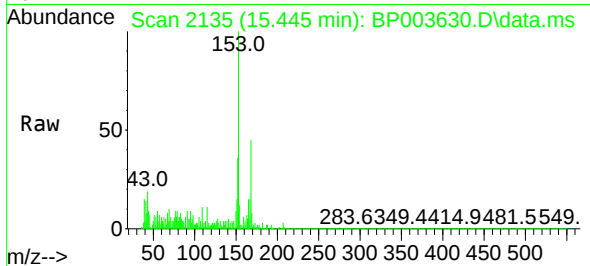




#57
2,4-Dinitrotoluene
Concen: 3.75 ng
RT: 15.445 min Scan# 2135
Delta R.T. -0.018 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

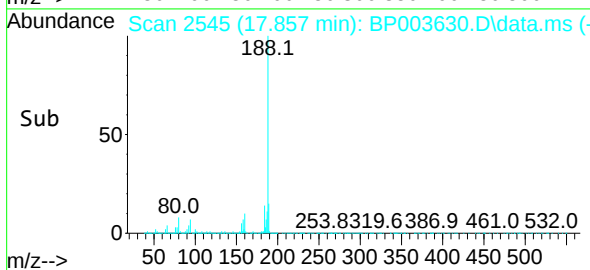
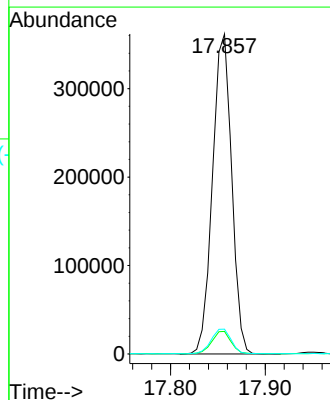
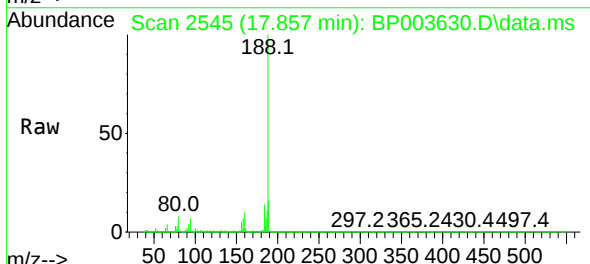
Instrument :
BNA_P
ClientSampled :
HACK-MH

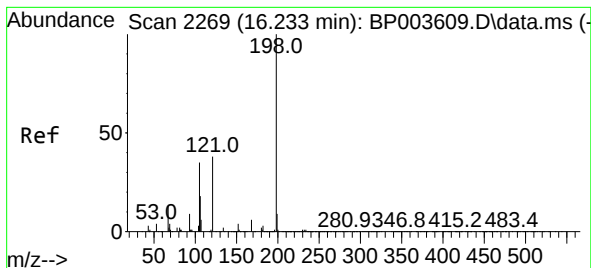
Tgt Ion:	165	Resp:	1017
Ion	Ratio	Lower	Upper
165	100		
63	41.9	20.6	31.0#
89	38.1	42.6	63.8#
182	20.3	2.4	3.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:	188	Resp:	507192
Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	7.8	6.2	9.2

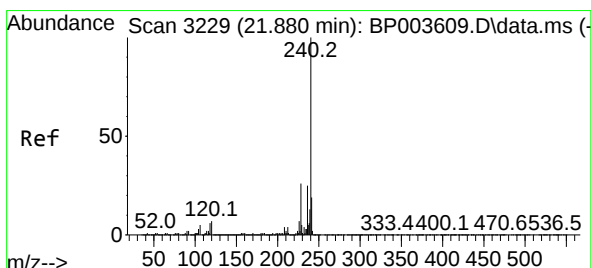
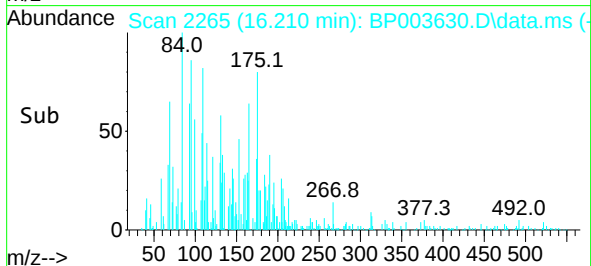
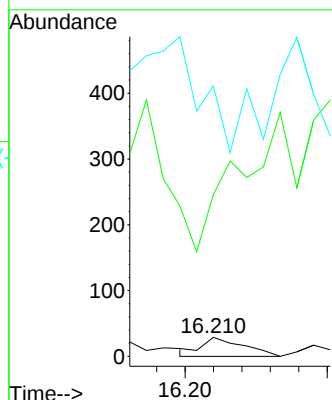
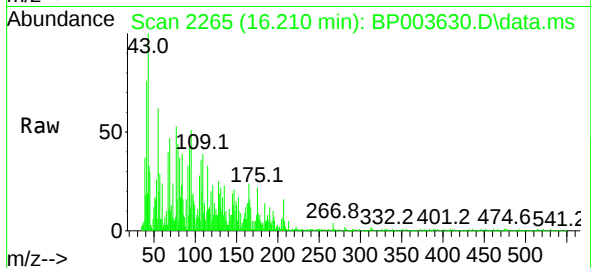




#65
4,6-Dinitro-2-methylphenol
Concen: 7.39 ng
RT: 16.210 min Scan# 2265
Delta R.T. -0.023 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

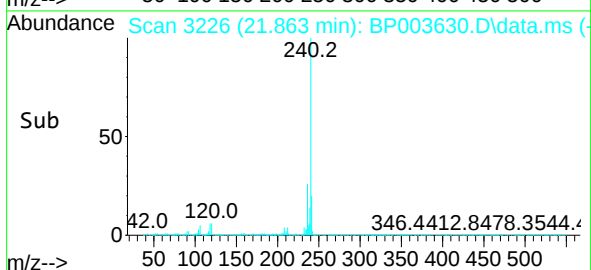
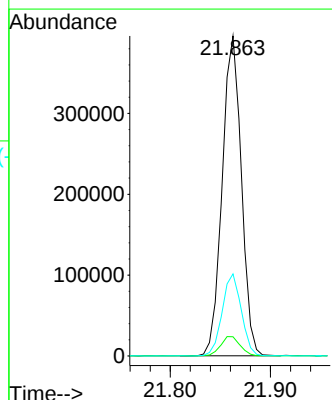
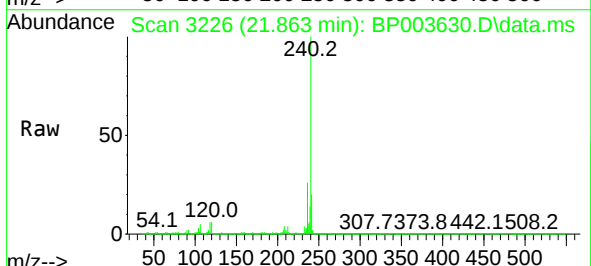
Instrument :
BNA_P
ClientSampleId :
HACK-MH

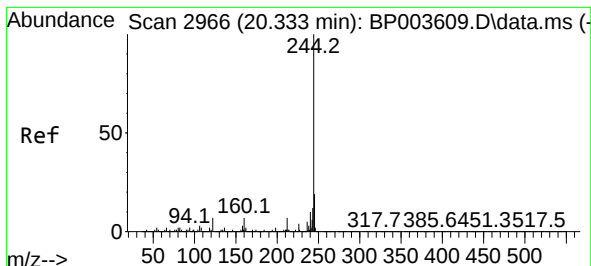
Tgt Ion:198 Resp: 29
Ion Ratio Lower Upper
198 100
51 848.3 6.4 46.4#
105 1417.2 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.863 min Scan# 3226
Delta R.T. -0.018 min
Lab File: BP003630.D
Acq: 15 Oct 2020 18:33

Tgt Ion:240 Resp: 524228
Ion Ratio Lower Upper
240 100
120 6.0 7.8 11.6#
236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 80.38 ng

RT: 20.321 min Scan# 2964

Delta R.T. -0.012 min

Lab File: BP003630.D

Acq: 15 Oct 2020 18:33

Instrument :

BNA_P

ClientSampleId :

HACK-MH

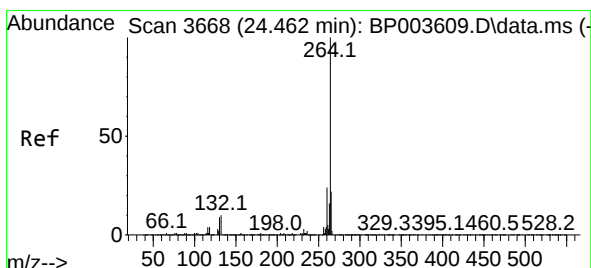
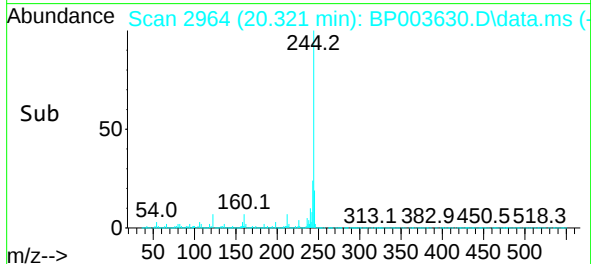
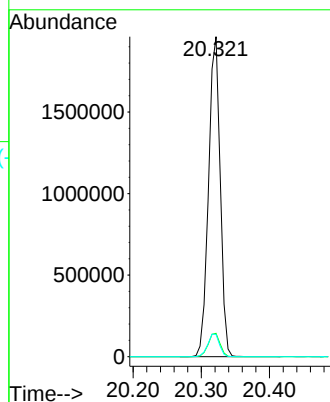
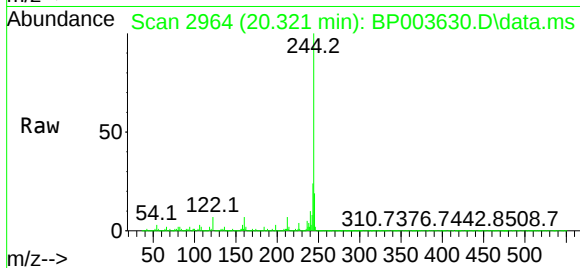
Tgt Ion:244 Resp: 2329010

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 6.9 7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.433 min Scan# 3663

Delta R.T. -0.029 min

Lab File: BP003630.D

Acq: 15 Oct 2020 18:33

Tgt Ion:264 Resp: 527447

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 22.0 17.4 26.2

