

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003660.D
 Acq On : 17 Oct 2020 04:52
 Operator : CG/JU
 Sample : L4218-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-01-101520

Quant Time: Oct 17 05:29:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP101420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 12:46:19 2020
 Response via : Initial Calibration

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

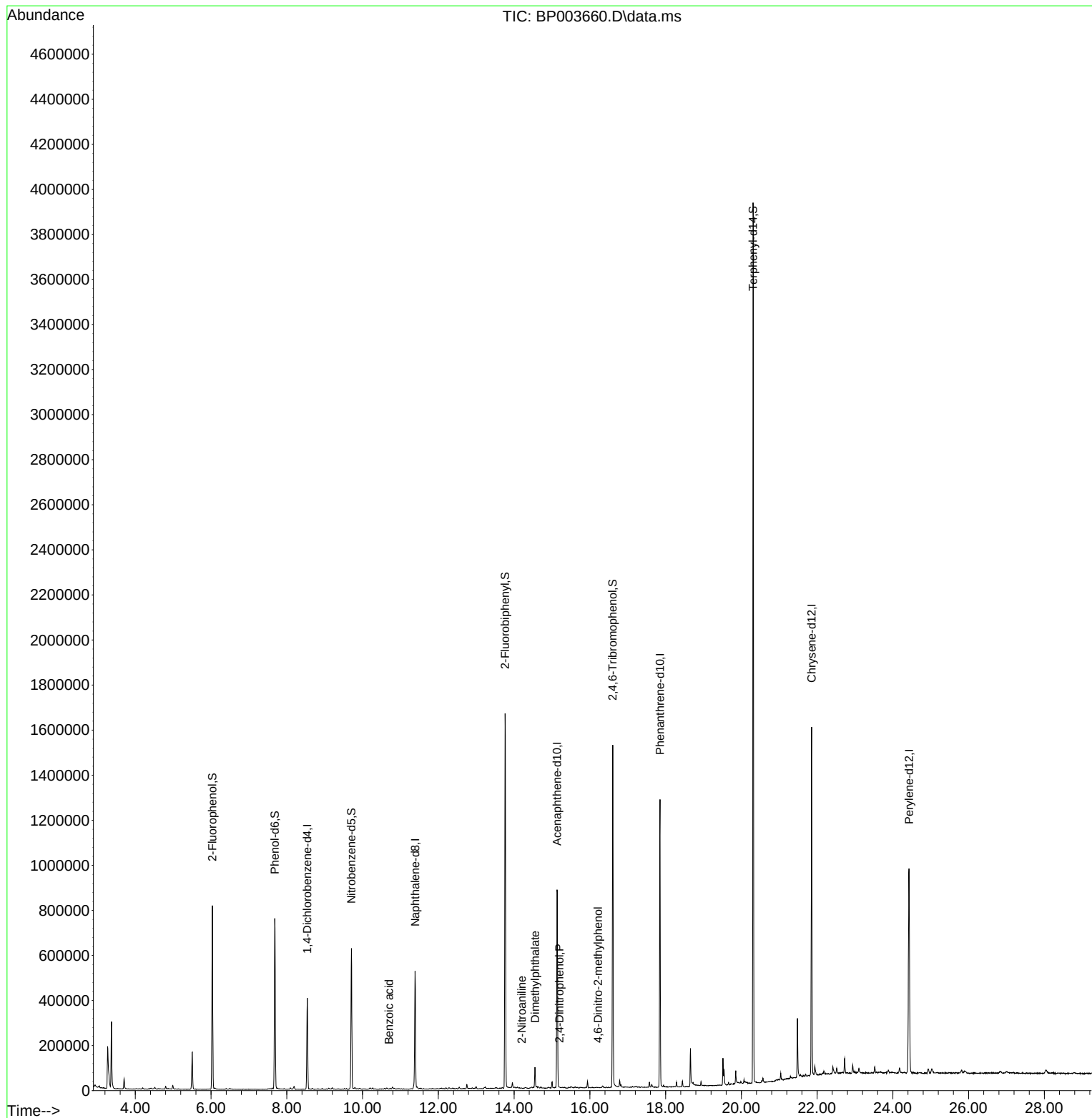
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	104552	20.00	ng	# 0.00
21) Naphthalene-d8	11.387	136	405882	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	296112	20.00	ng	0.00
64) Phenanthrene-d10	17.851	188	718844	20.00	ng	0.00
76) Chrysene-d12	21.857	240	799843	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	752608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	334003	54.92	ng	0.00
7) Phenol-d6	7.681	99	412481	46.56	ng	0.00
23) Nitrobenzene-d5	9.704	82	356988	40.78	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	278362	70.51	ng	0.00
45) 2-Fluorobiphenyl	13.763	172	830724	36.81	ng	0.00
79) Terphenyl-d14	20.310	244	1678224	37.96	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.616	77	566	Below Cal	#	1
32) Benzoic acid	10.698	122	122	6.45	ng	89
48) 2-Nitroaniline	14.204	65	78	4.20	ng	# 3
50) Dimethylphthalate	14.551	163	54573	2.24	ng	99
54) 2,4-Dinitrophenol	15.198	184	16	2.12	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.216	198	18	7.38	ng	# 1

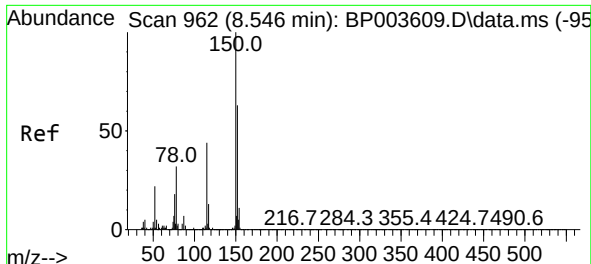
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

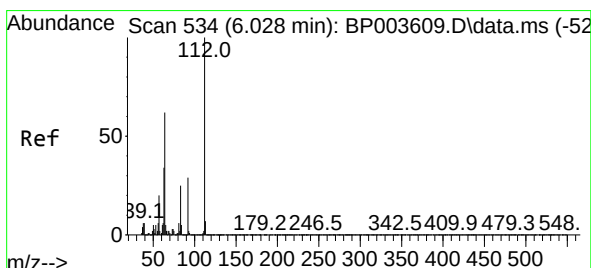
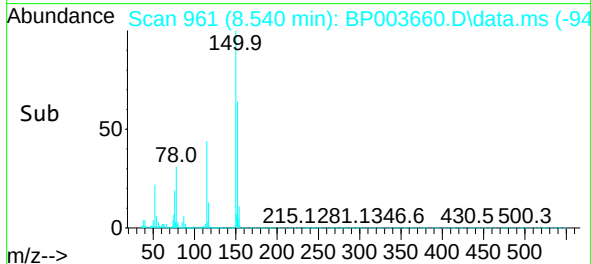
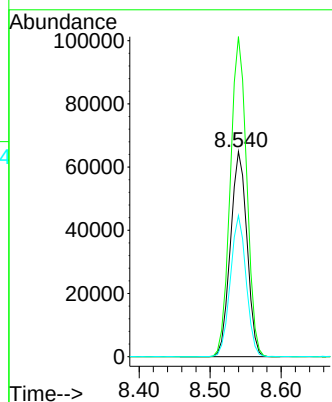
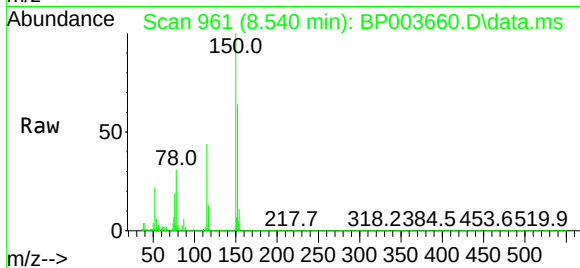




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

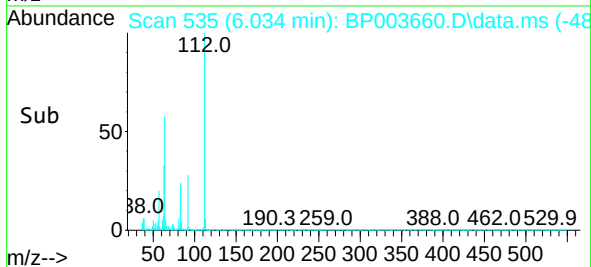
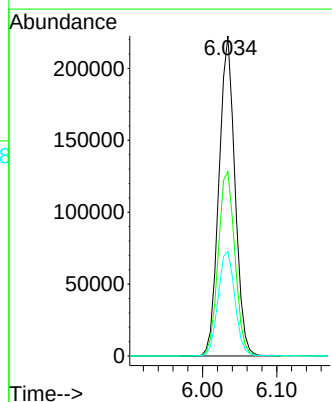
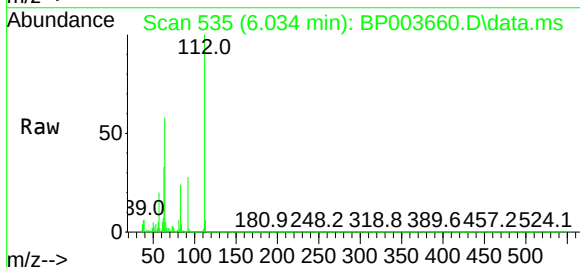
Instrument :
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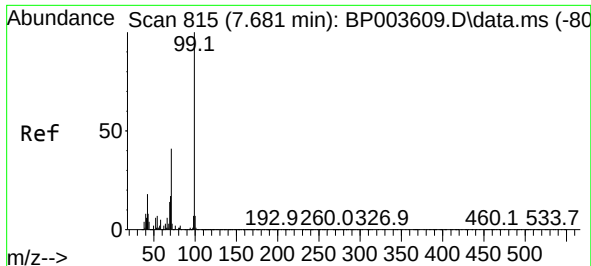
Tgt Ion:152 Resp: 104552
Ion Ratio Lower Upper
152 100
150 156.0 123.8 185.6
115 68.8 43.8 65.6#



#5
2-Fluorophenol
Concen: 54.92 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:112 Resp: 334003
Ion Ratio Lower Upper
112 100
64 57.6 32.8 49.2#
63 32.6 17.0 25.4#

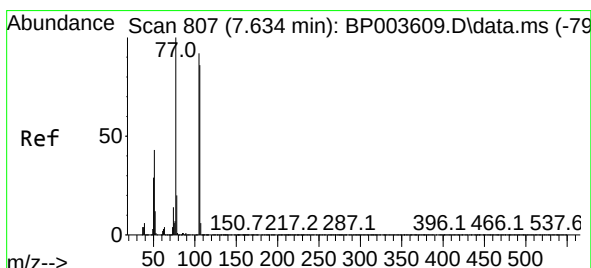
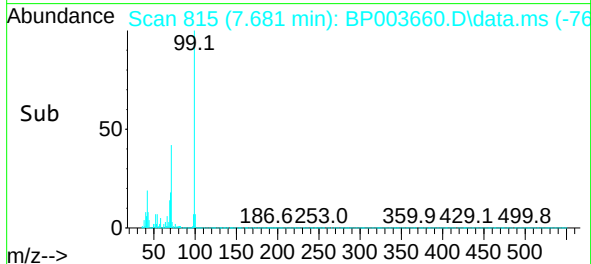
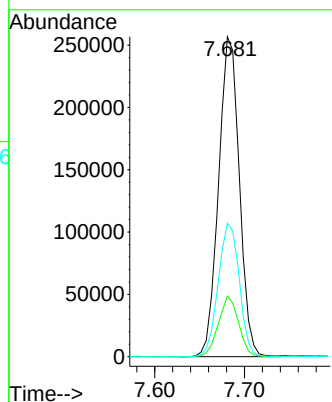
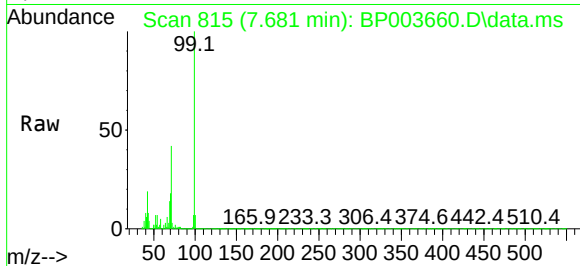




#7
Phenol-d6
Concen: 46.56 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.000 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

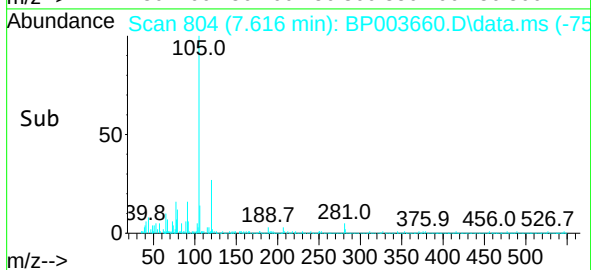
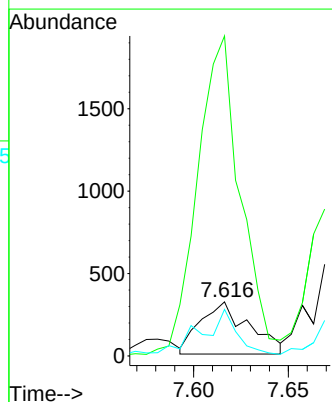
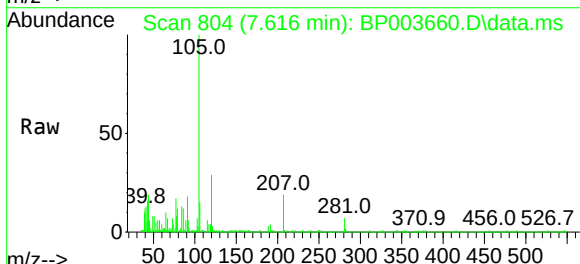
Instrument :
BNA_P
ClientSampleId :
HD-01-101520

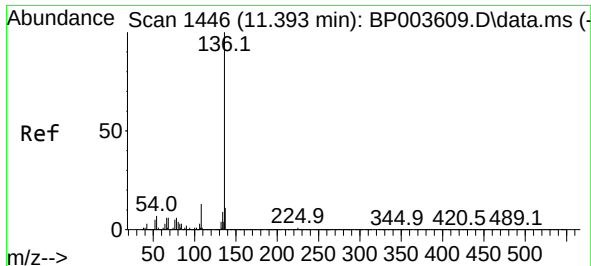
Tgt Ion: 99 Resp: 412481
Ion Ratio Lower Upper
99 100
42 19.0 8.6 13.0#
71 41.8 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.616 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion: 77 Resp: 566
Ion Ratio Lower Upper
77 100
105 592.1 97.1 137.1#
106 86.3 93.7 133.7#

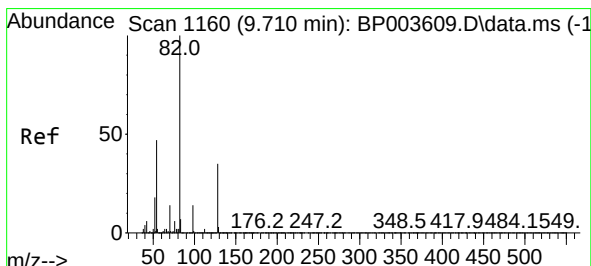
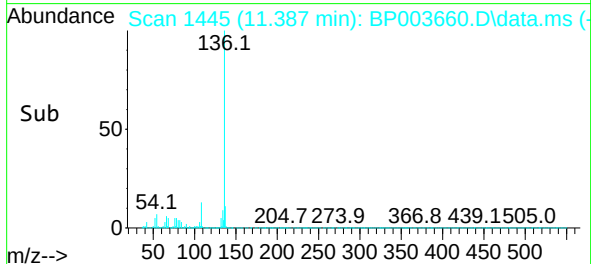
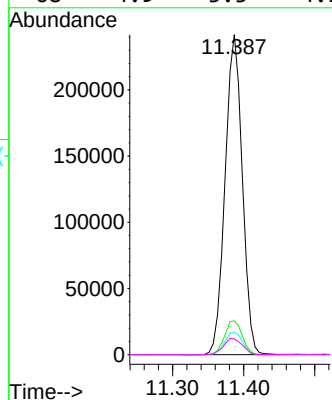
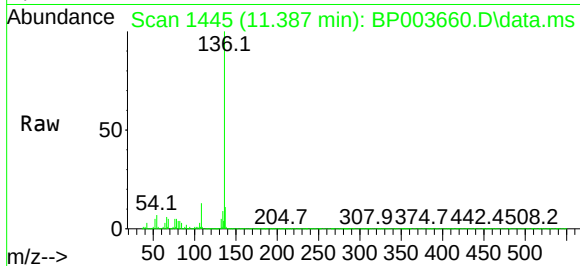




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

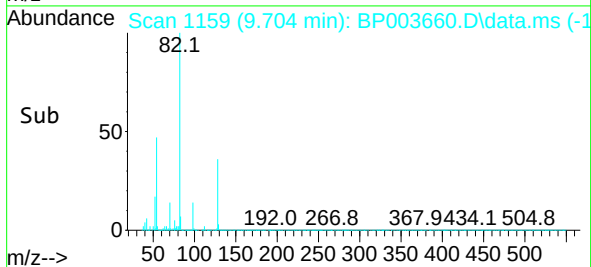
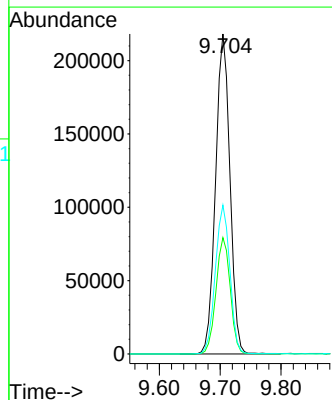
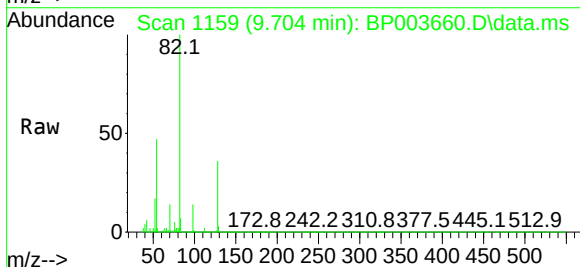
Instrument :
BNA_P
ClientSampleId :
HD-01-101520

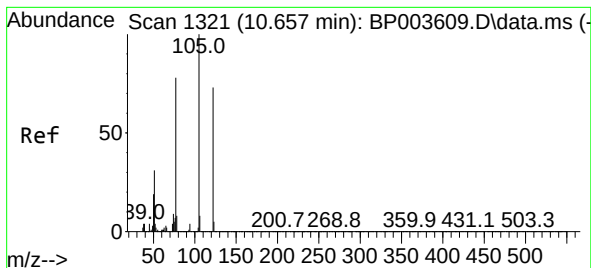
Tgt Ion:136	Resp: 405882
Ion Ratio	Lower Upper
136	100
137	10.5 8.6 13.0
54	7.1 3.6 5.4#
68	4.9 3.3 4.9



#23
Nitrobenzene-d5
Concen: 40.78 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion: 82	Resp: 356988
Ion Ratio	Lower Upper
82	100
128	36.4 45.6 68.4#
54	46.5 30.1 45.1#

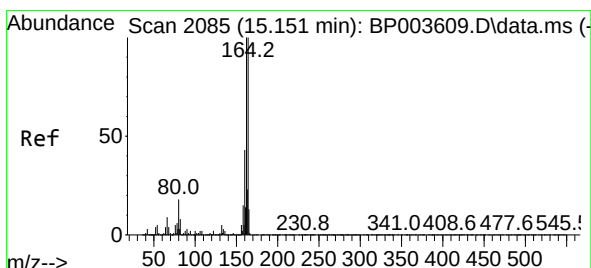
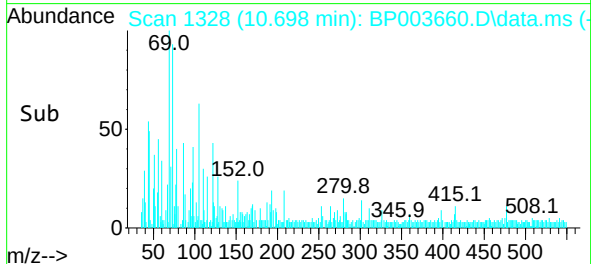
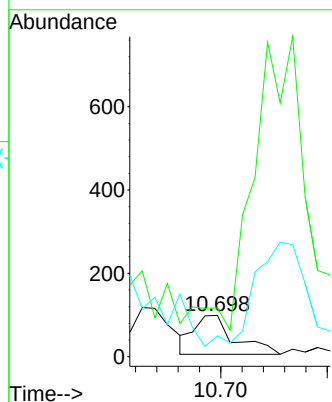
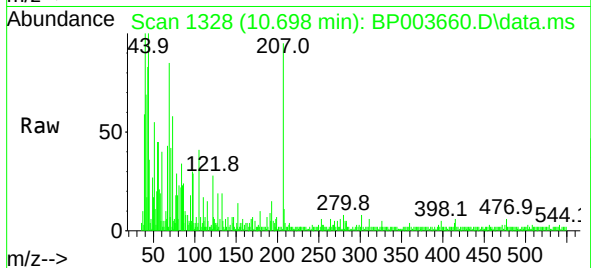




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.698 min Scan# 1328
Delta R.T. 0.035 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

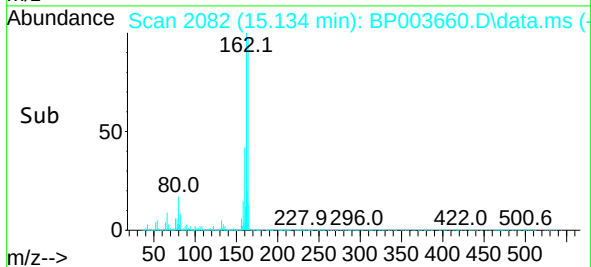
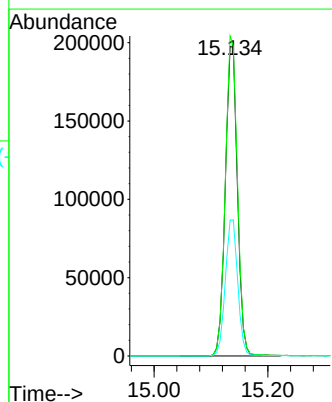
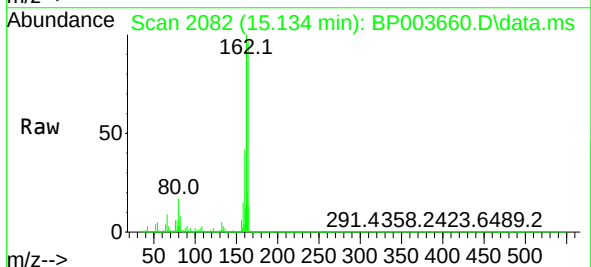
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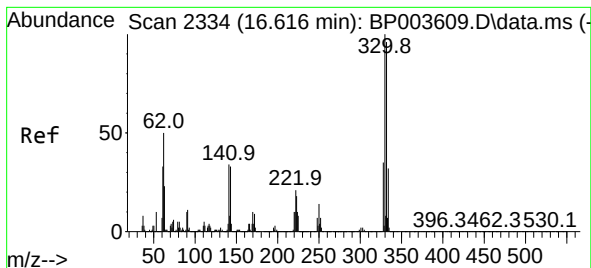
Tgt Ion:	122	Resp:	122
Ion	Ratio	Lower	Upper
122	100		
105	118.2	94.1	134.1
77	50.5	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:	164	Resp:	296112
Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.4	119.2
160	43.9	36.1	54.1

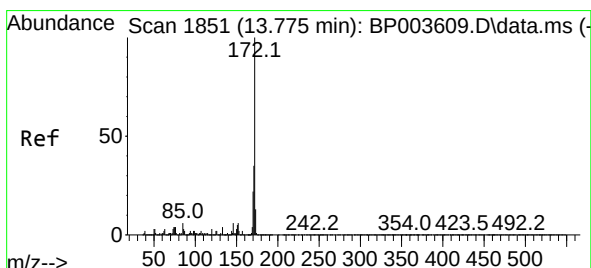
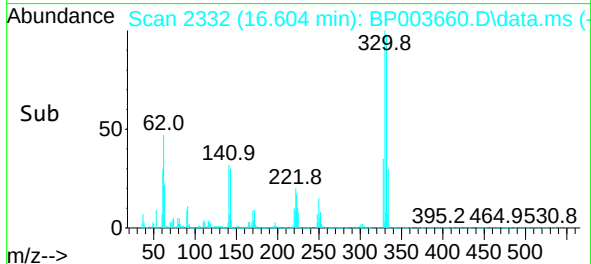
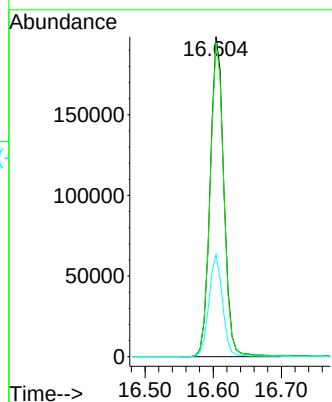
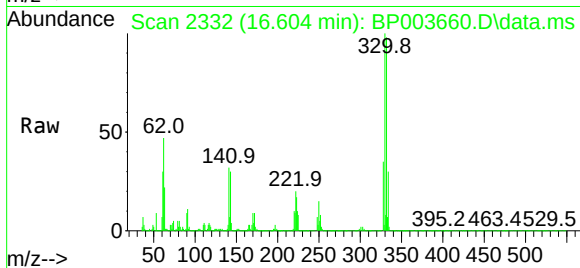




#42
2,4,6-Tribromophenol
Concen: 70.51 ng
RT: 16.604 min Scan# 2332
Delta R.T. -0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

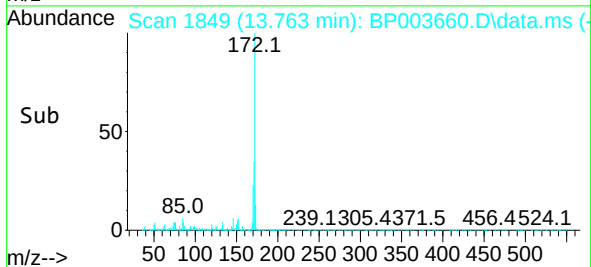
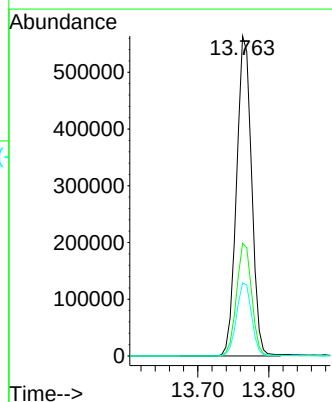
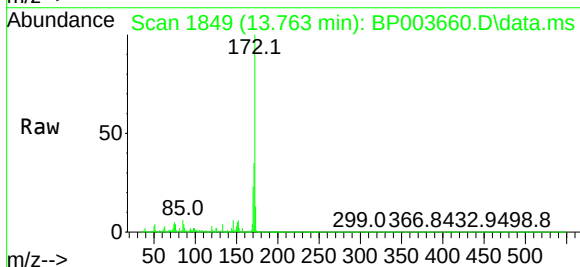
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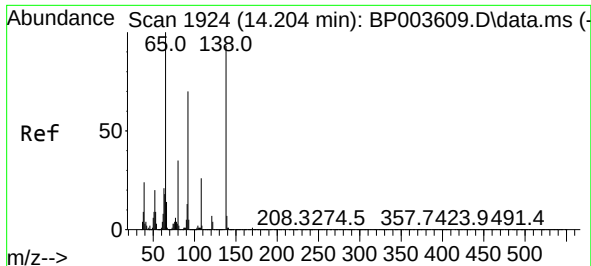
Tgt Ion:330 Resp: 278362
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 31.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 36.81 ng
RT: 13.763 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:172 Resp: 830724
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.9 19.2 28.8

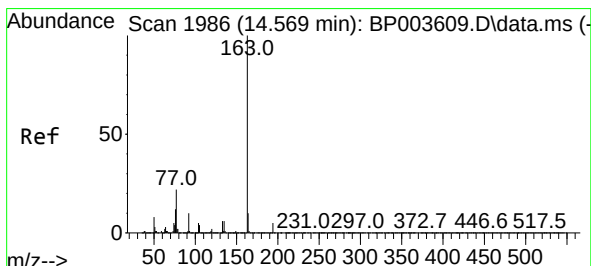
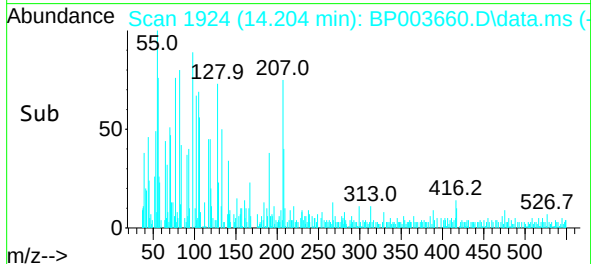
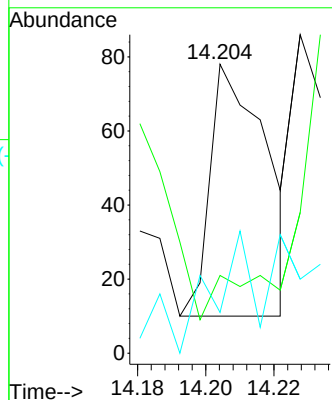
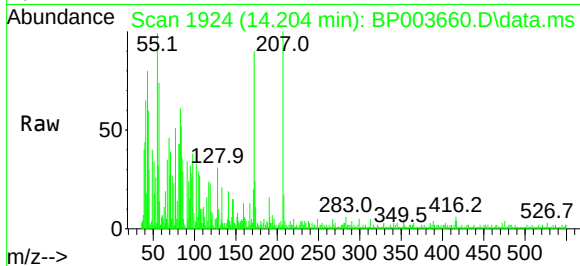




#48
2-Nitroaniline
Concen: 4.20 ng
RT: 14.204 min Scan# 1924
Delta R.T. 0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

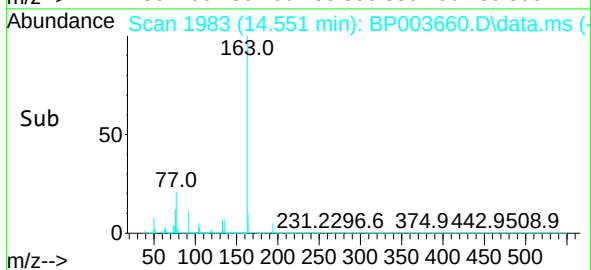
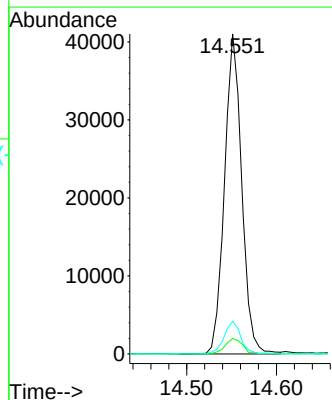
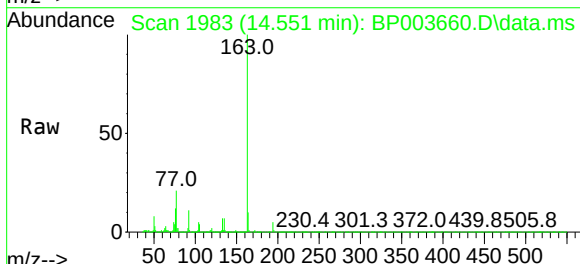
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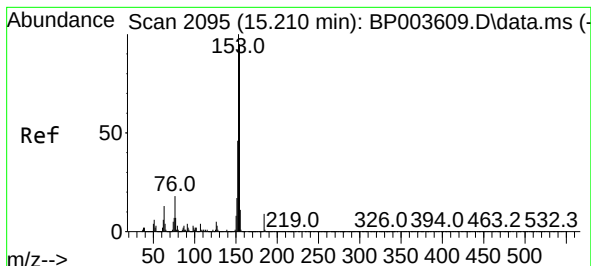
Tgt Ion:	65	Resp:	78
Ion	Ratio	Lower	Upper
65	100		
92	26.9	70.6	106.0#
138	14.1	133.6	200.4#



#50
Dimethylphthalate
Concen: 2.24 ng
RT: 14.551 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:	163	Resp:	54573
Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.3	4.9
164	10.2	8.2	12.2

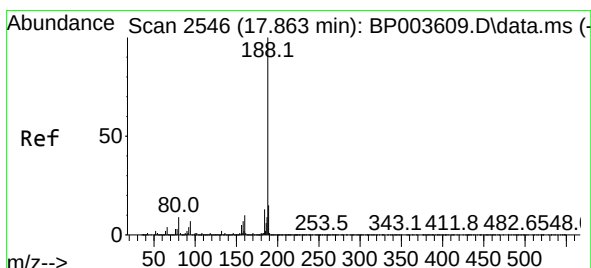
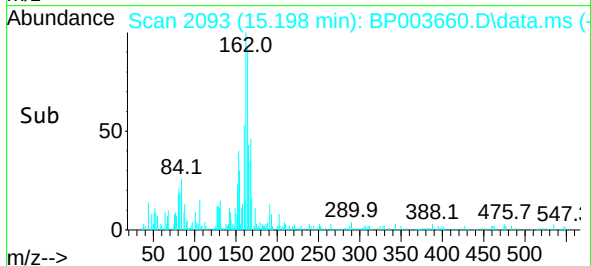
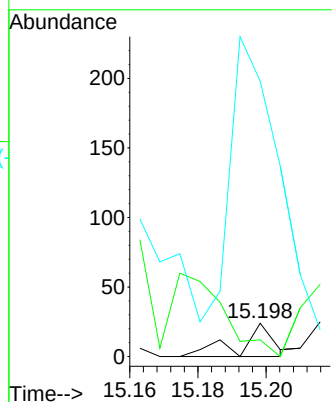
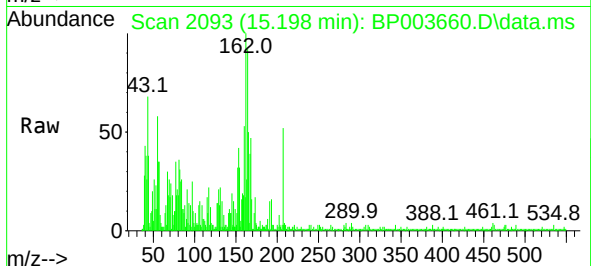




#54
2,4-Dinitrophenol
Concen: 2.12 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

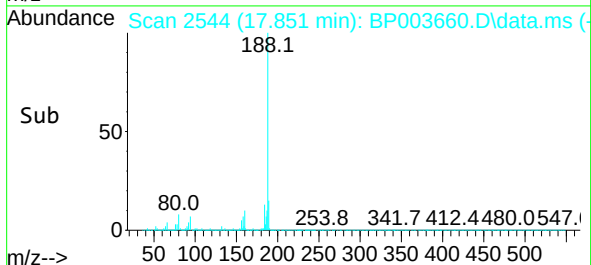
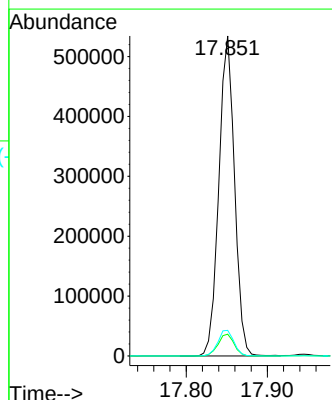
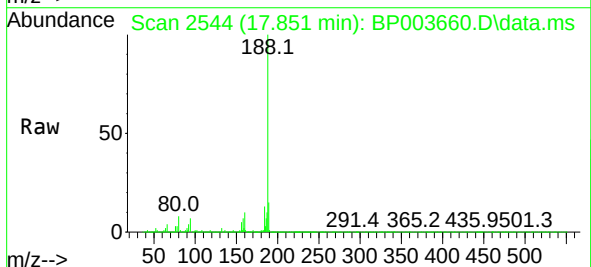
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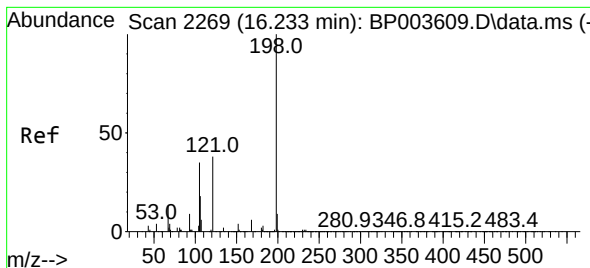
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 50.0 32.3 48.5#
154 825.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:188 Resp: 718844
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 8.0 6.2 9.2

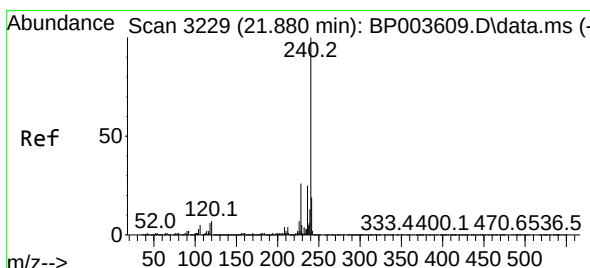
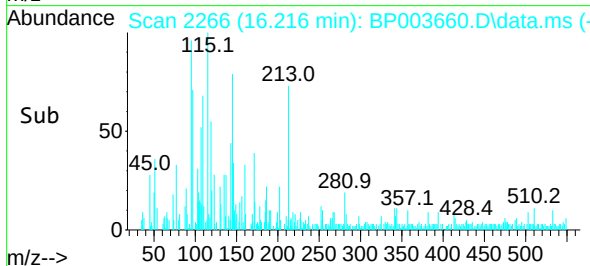
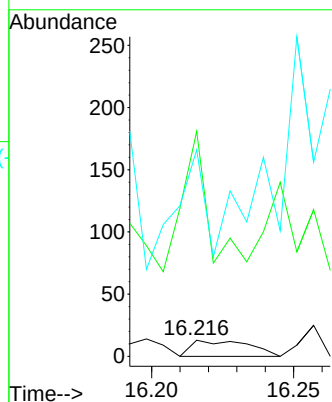
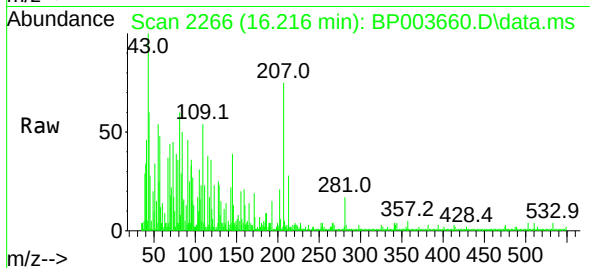




#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.216 min Scan# 2266
Delta R.T. -0.012 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

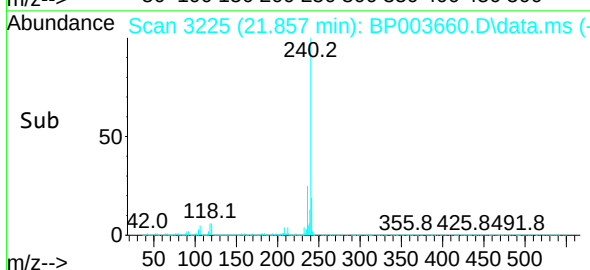
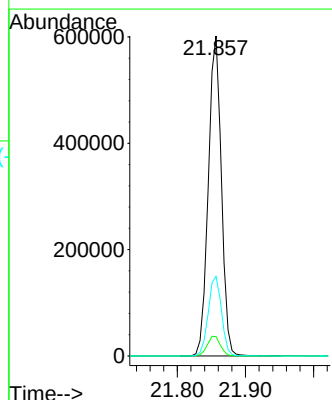
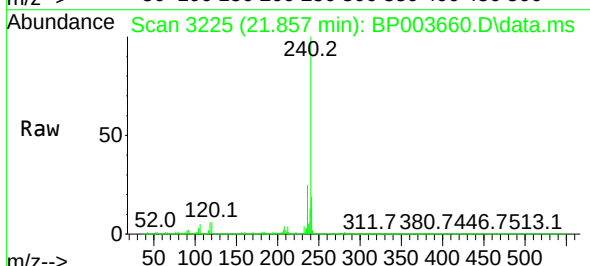
Instrument :
BNA_P
ClientSampleId :
HD-01-101520

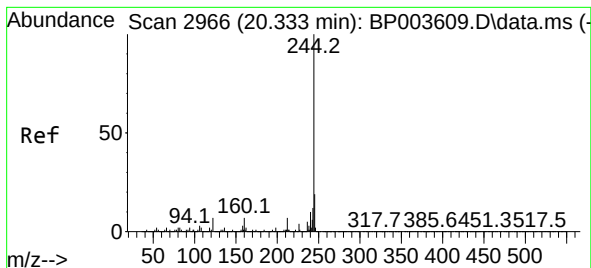
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 1392.3 6.4 46.4#
105 1276.9 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.006 min
Lab File: BP003660.D
Acq: 17 Oct 2020 04:52

Tgt Ion:240 Resp: 799843
Ion Ratio Lower Upper
240 100
120 6.1 7.8 11.6#
236 24.9 20.8 31.2





#79

Terphenyl-d14

Concen: 37.96 ng

RT: 20.310 min Scan# 2962

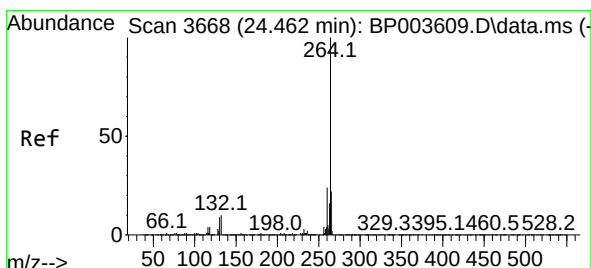
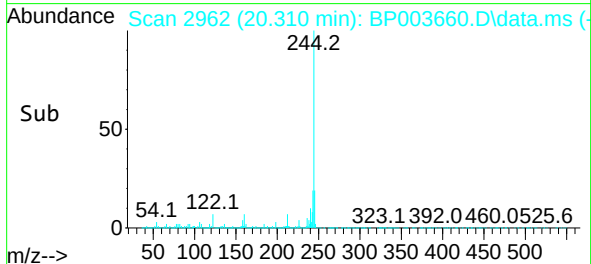
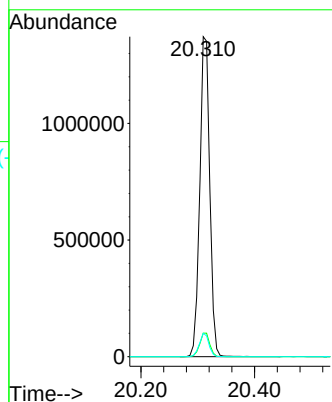
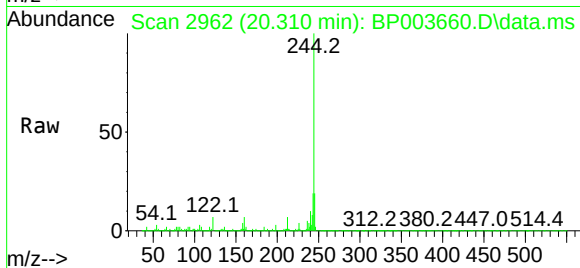
Delta R.T. -0.006 min

Lab File: BP003660.D

Acq: 17 Oct 2020 04:52

Tgt Ion:244 Resp: 1678224

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	7.3	7.8	11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.427 min Scan# 3662

Delta R.T. -0.006 min

Lab File: BP003660.D

Acq: 17 Oct 2020 04:52

Tgt Ion:264 Resp: 752608

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.2	17.4	26.2

