

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003649.D
 Acq On : 16 Oct 2020 19:12
 Operator : CG/JU
 Sample : L4418-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB-2020-WW-000-02

Quant Time: Oct 17 01:03:12 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)

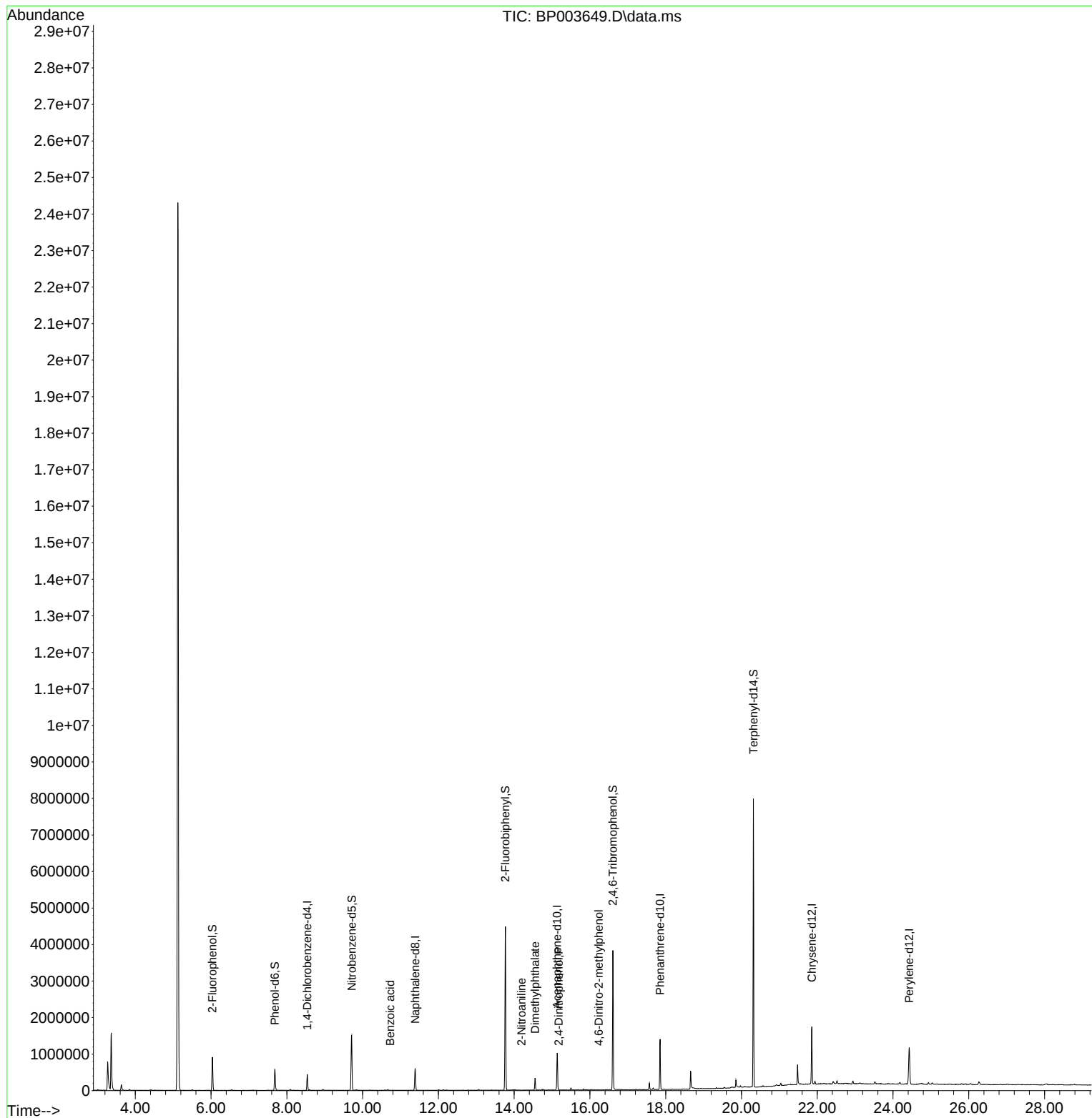
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	115444	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	459651	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	345181	20.00	ng	0.00
64) Phenanthrene-d10	17.851	188	810544	20.00	ng	# 0.00
76) Chrysene-d12	21.857	240	845785	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	838889	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	373679	55.65	ng	0.00
7) Phenol-d6	7.681	99	312118	31.91	ng	0.00
23) Nitrobenzene-d5	9.710	82	899929	90.77	ng	0.00
42) 2,4,6-Tribromophenol	16.604	330	797377	173.26	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	2216858	84.26	ng	0.00
79) Terphenyl-d14	20.316	244	3243308	69.38	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.622	77	518	Below Cal	#	21
32) Benzoic acid	10.728	122	120	6.45	ng	92
48) 2-Nitroaniline	14.192	65	106	4.20	ng	# 11
50) Dimethylphthalate	14.551	163	194158	6.85	ng	# 98
54) 2,4-Dinitrophenol	15.175	184	17	2.11	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.233	198	12	7.38	ng	# 1

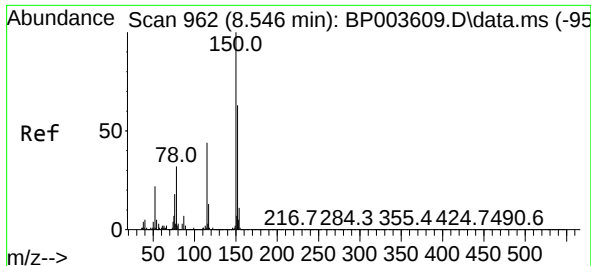
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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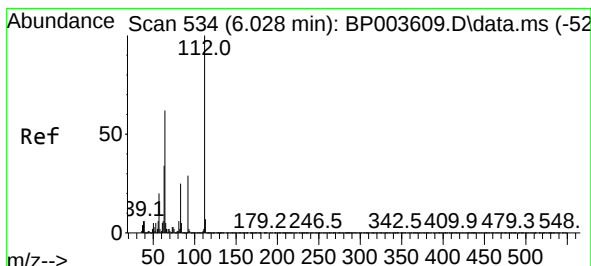
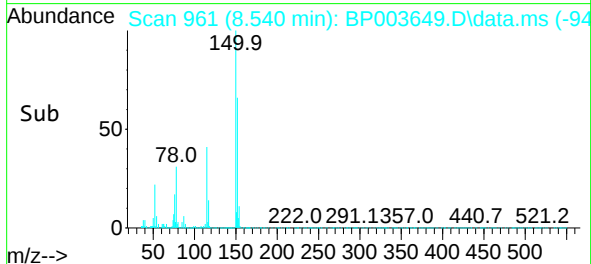
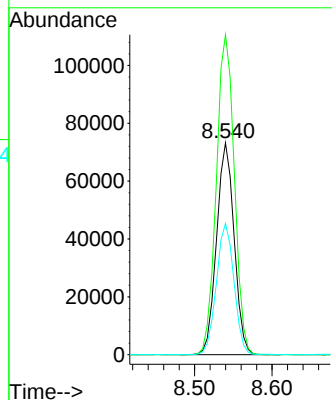
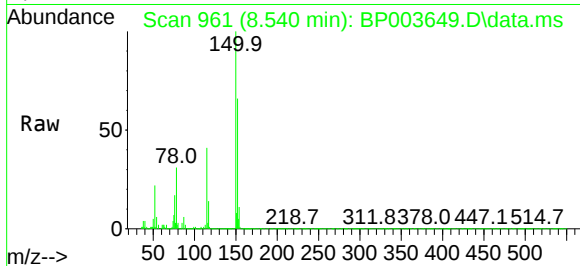




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

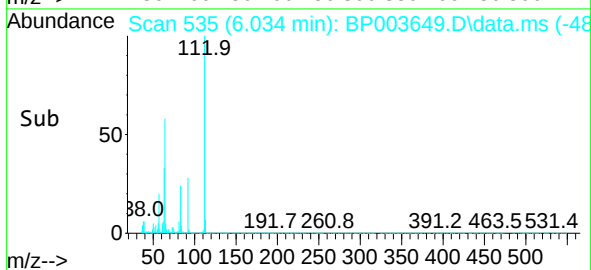
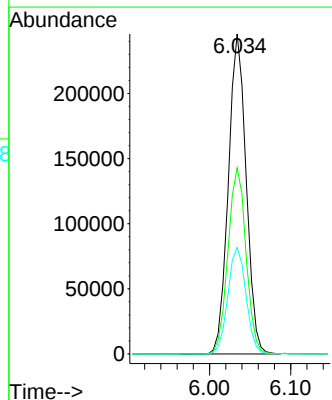
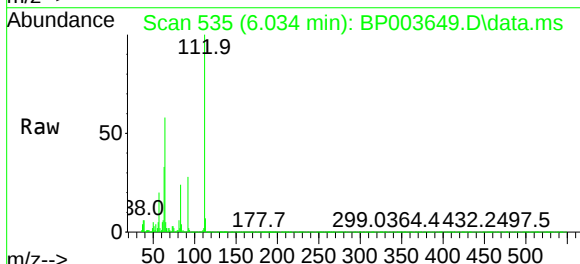
Instrument :
BNA_P
ClientSampleId :
PB-2020-WW-000-02

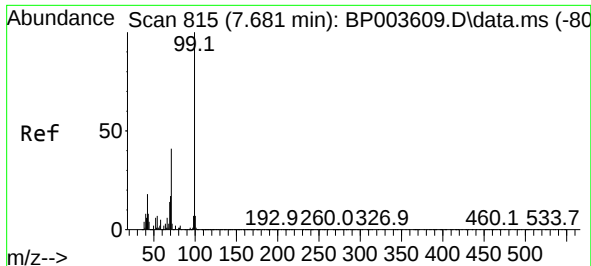
Tgt Ion:152 Resp: 115444
Ion Ratio Lower Upper
152 100
150 151.0 123.8 185.6
115 61.9 43.8 65.6



#5
2-Fluorophenol
Concen: 55.65 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:112 Resp: 373679
Ion Ratio Lower Upper
112 100
64 58.2 32.8 49.2#
63 33.3 17.0 25.4#

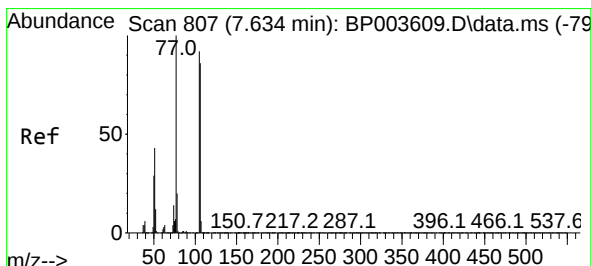
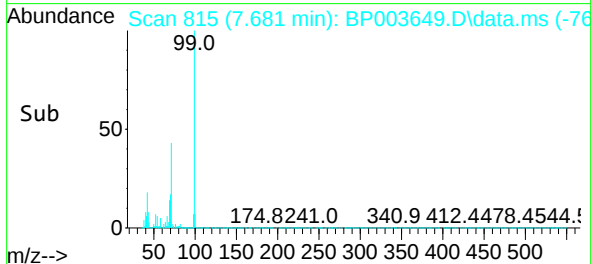
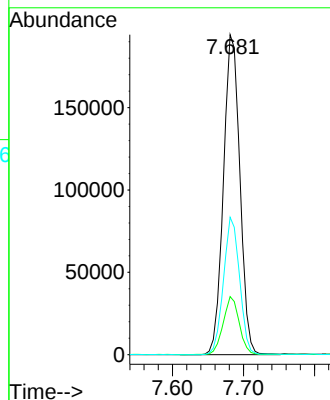
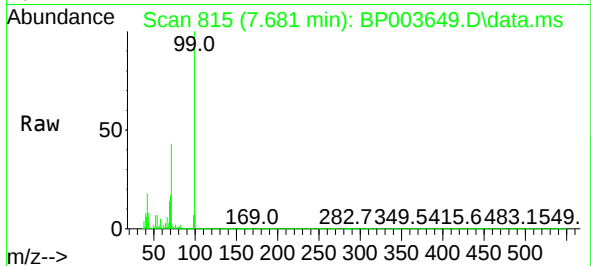




#7
Phenol-d6
Concen: 31.91 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.000 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

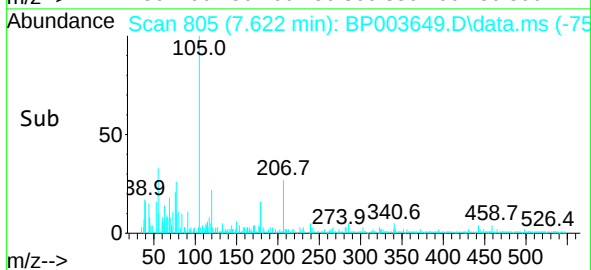
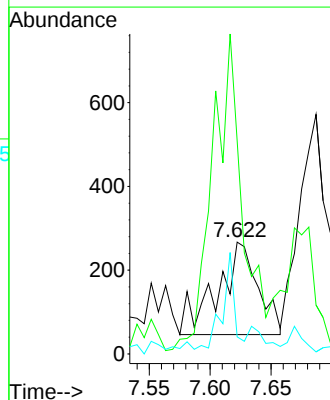
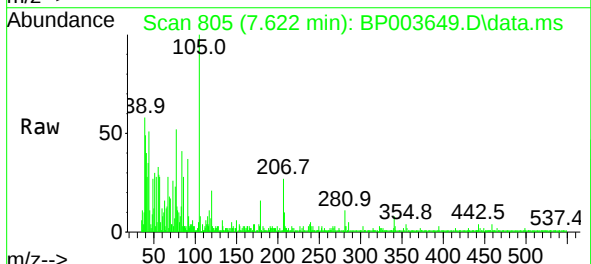
Instrument :
BNA_P
ClientSampleId :
PB-2020-WW-000-02

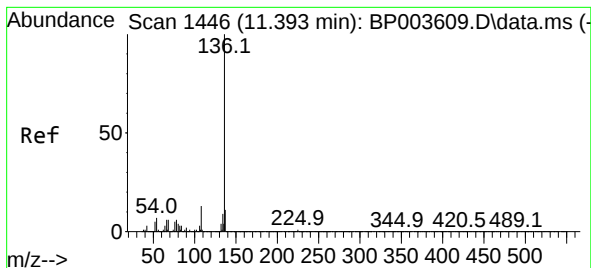
Tgt Ion: 99 Resp: 312118
Ion Ratio Lower Upper
99 100
42 18.1 8.6 13.0#
71 42.9 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion: 77 Resp: 518
Ion Ratio Lower Upper
77 100
105 190.6 97.1 137.1#
106 15.4 93.7 133.7#

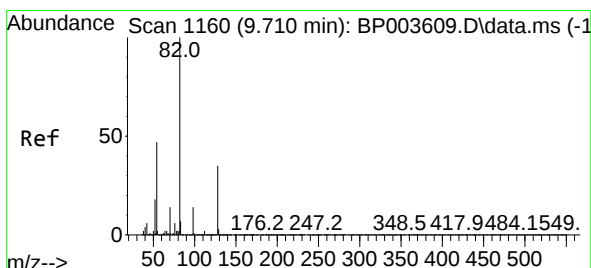
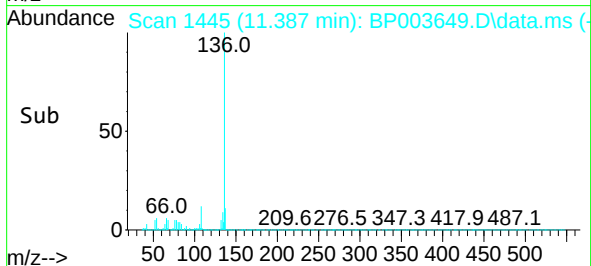
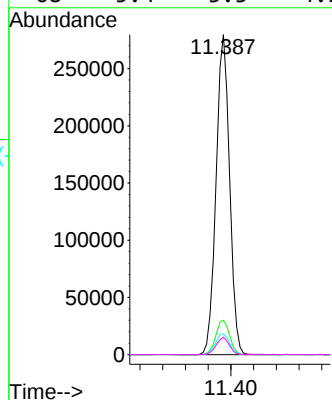
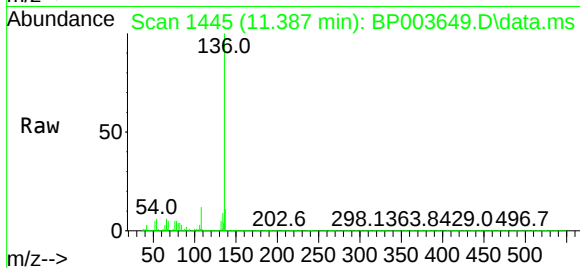




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

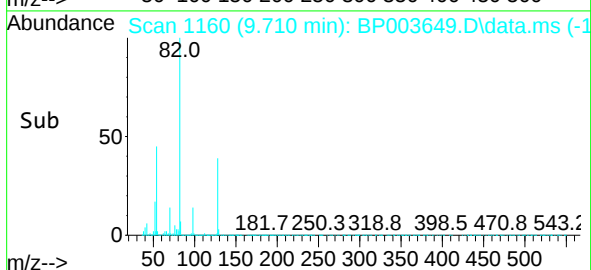
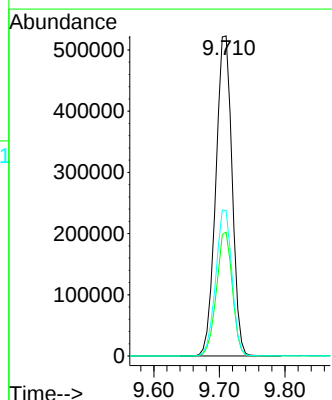
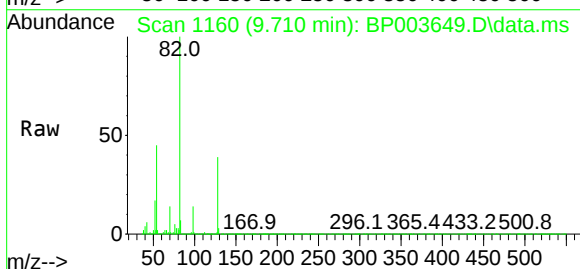
Instrument :
BNA_P
ClientSampleId :
PB-2020-WW-000-02

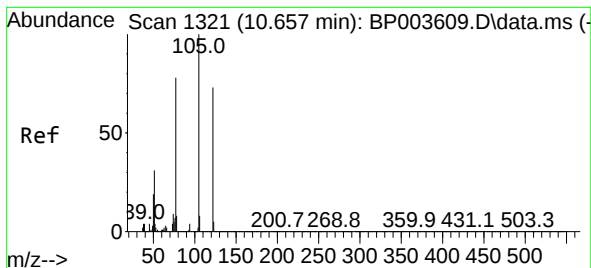
Tgt Ion:	136	Resp:	459651
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.5	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 90.77 ng
RT: 9.710 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:	82	Resp:	899929
Ion Ratio	Lower	Upper	
82	100		
128	38.7	45.6	68.4#
54	45.4	30.1	45.1#

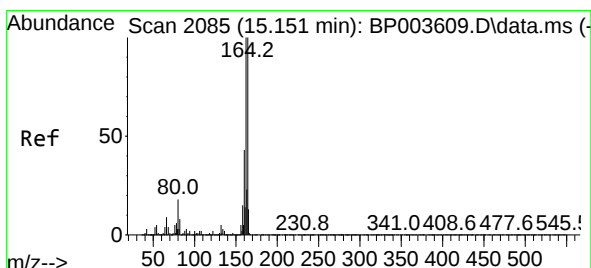
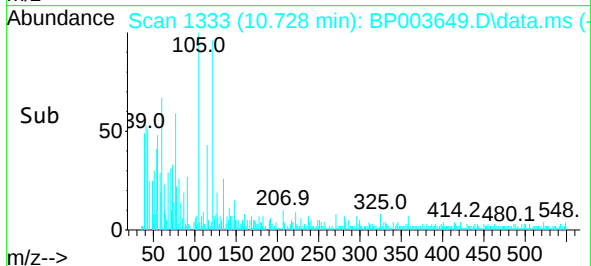
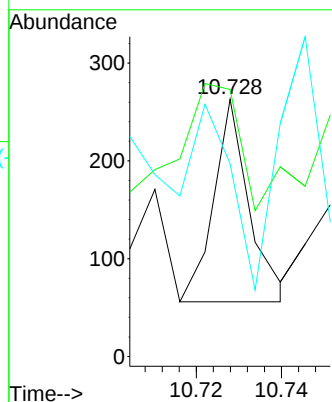
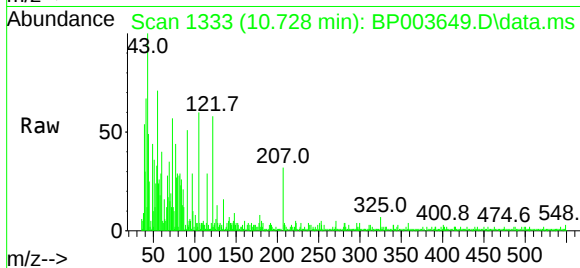




#32
Benzoic acid
Concen: 6.45 ng
RT: 10.728 min Scan# 1333
Delta R.T. 0.065 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

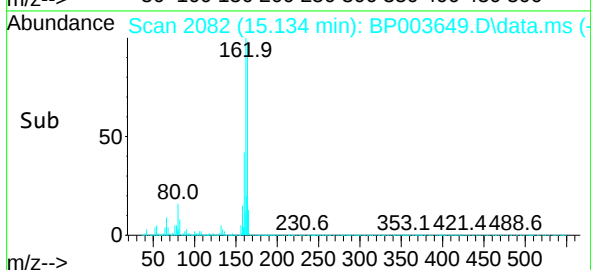
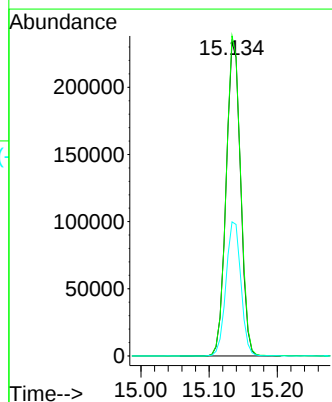
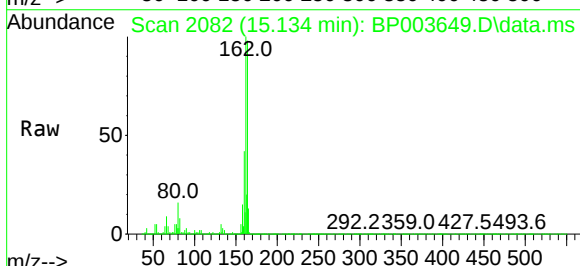
Instrument :
BNA_P
ClientSampleId :
PB-2020-WW-000-02

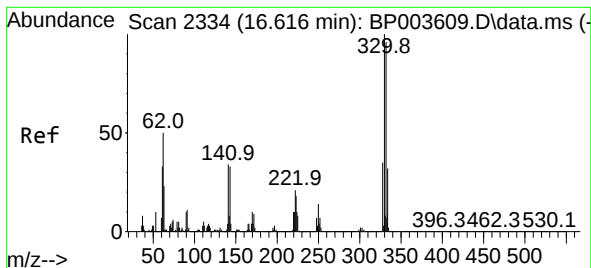
Tgt Ion:	122	Resp:	120
Ion	Ratio	Lower	Upper
122	100		
105	103.8	94.1	134.1
77	74.9	50.1	90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:	164	Resp:	345181
Ion	Ratio	Lower	Upper
164	100		
162	101.9	79.4	119.2
160	42.7	36.1	54.1

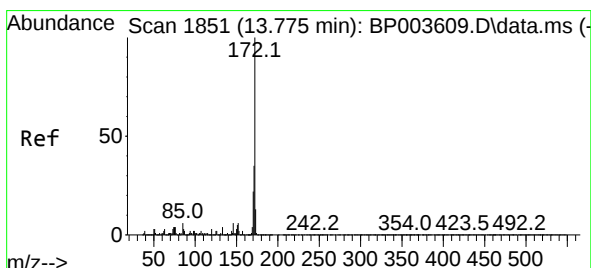
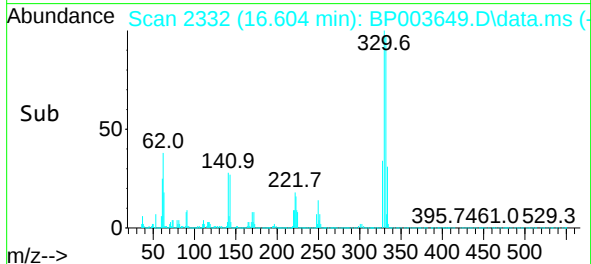
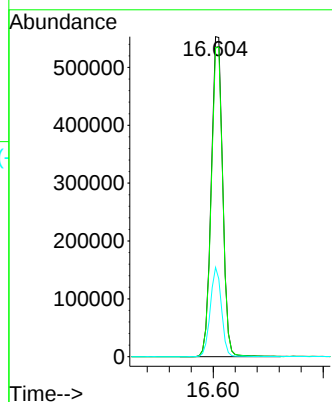
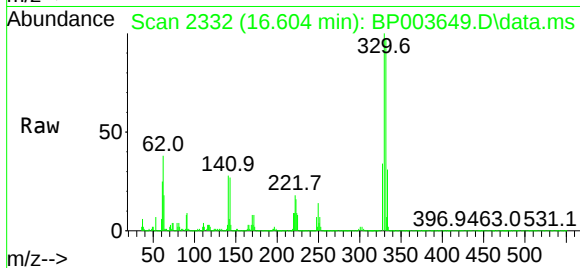




#42
2,4,6-Tribromophenol
Concen: 173.26 ng
RT: 16.604 min Scan# 2332
Delta R.T. -0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

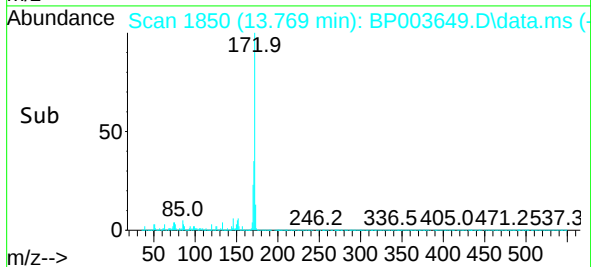
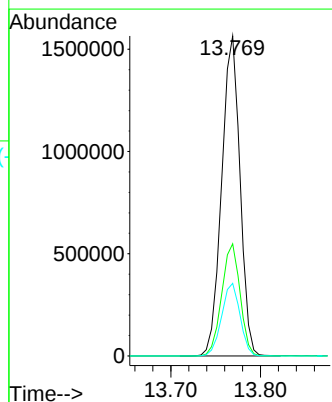
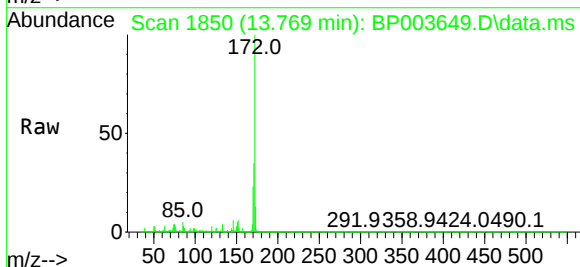
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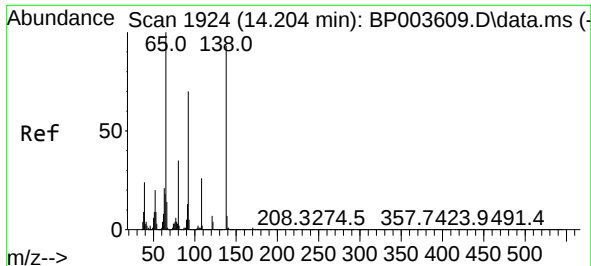
Tgt Ion:330 Resp: 797377
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 27.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 84.26 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:172 Resp: 2216858
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.7 19.2 28.8

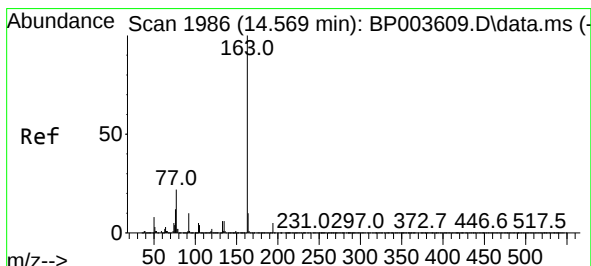
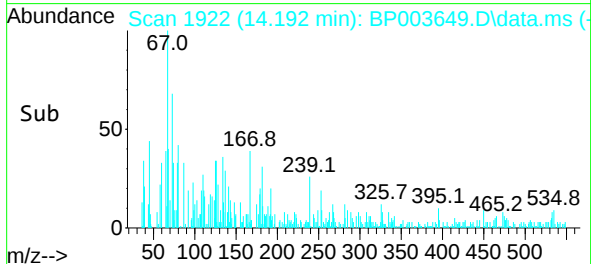
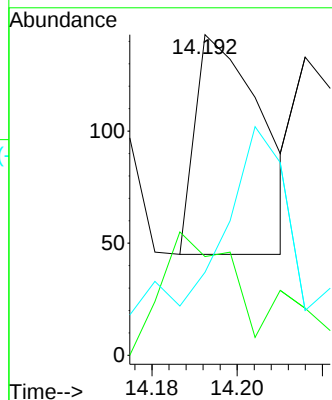
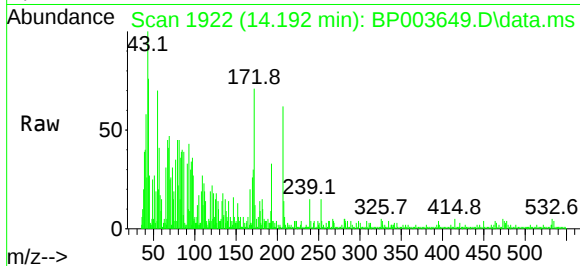




#48
2-Nitroaniline
Concen: 4.20 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

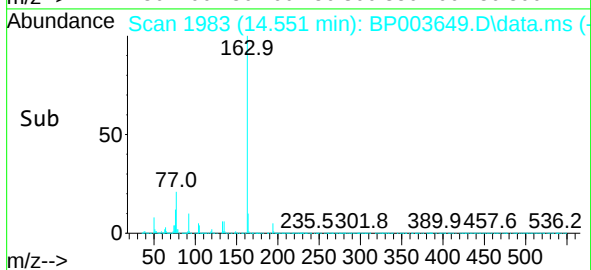
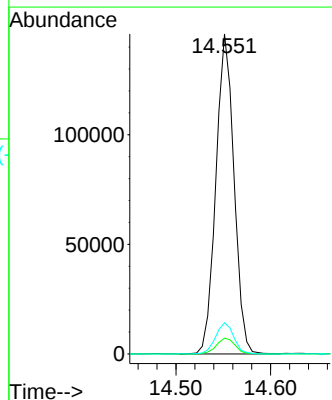
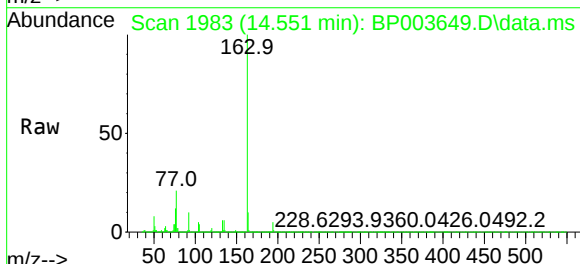
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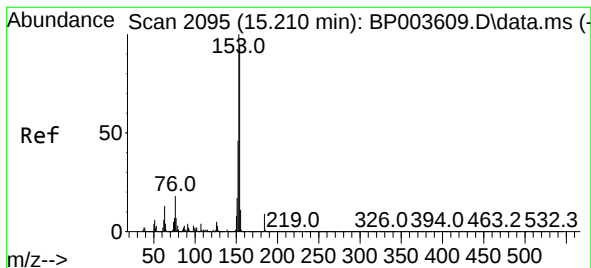
Tgt Ion: 65 Resp: 106
Ion Ratio Lower Upper
65 100
92 30.8 70.6 106.0#
138 25.9 133.6 200.4#



#50
Dimethylphthalate
Concen: 6.85 ng
RT: 14.551 min Scan# 1983
Delta R.T. -0.012 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion: 163 Resp: 194158
Ion Ratio Lower Upper
163 100
194 5.0 3.3 4.9#
164 9.7 8.2 12.2

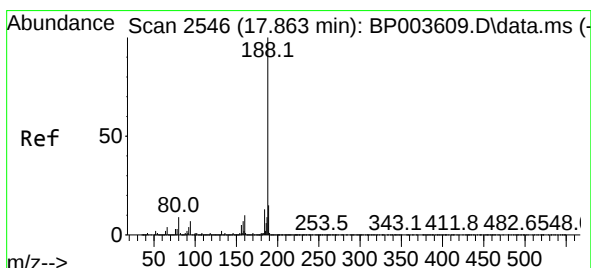
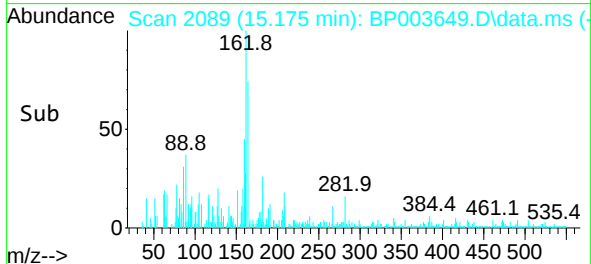
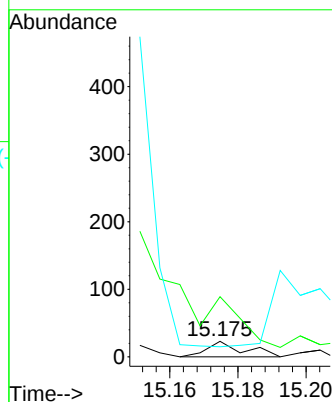
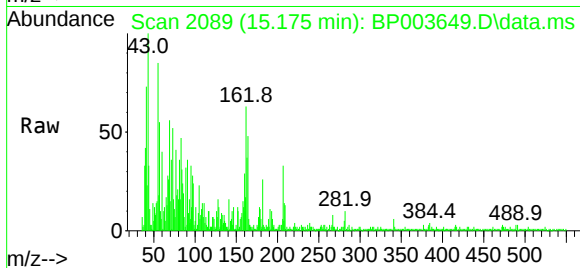




#54
2,4-Dinitrophenol
Concen: 2.11 ng
RT: 15.175 min Scan# 2089
Delta R.T. -0.030 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

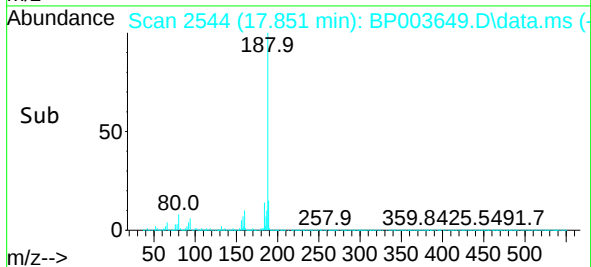
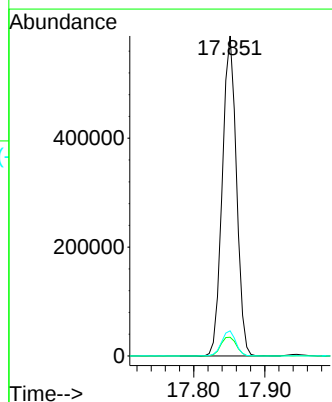
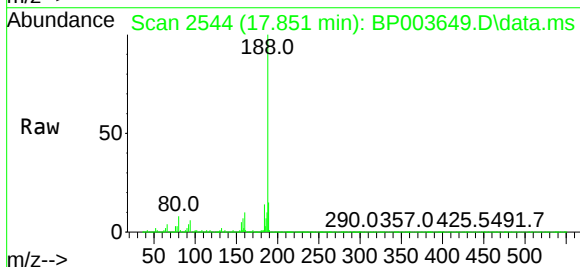
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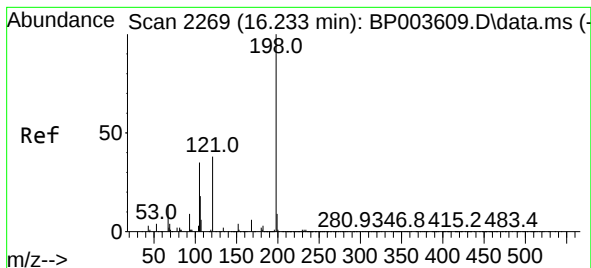
Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 387.0 32.3 48.5#
154 65.2 49.1 73.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:188 Resp: 810544
Ion Ratio Lower Upper
188 100
94 5.9 6.2 9.2#
80 7.9 6.2 9.2

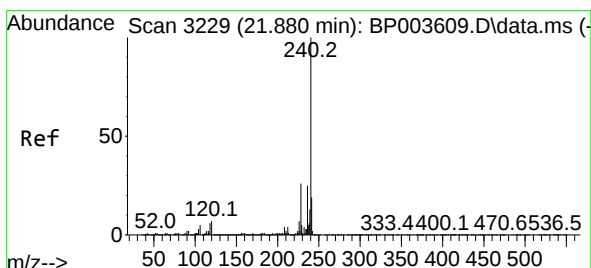
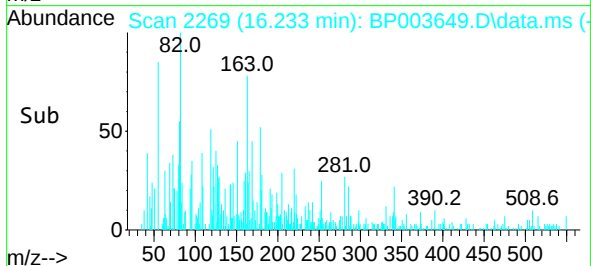
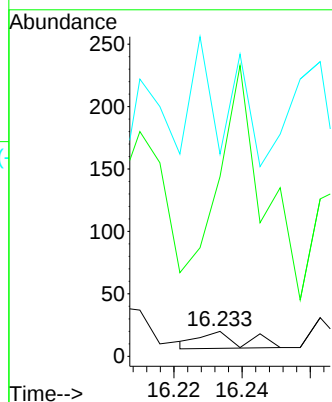
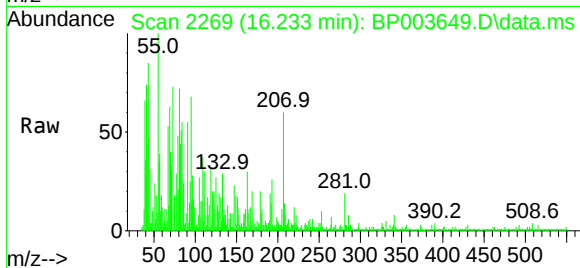




#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.233 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

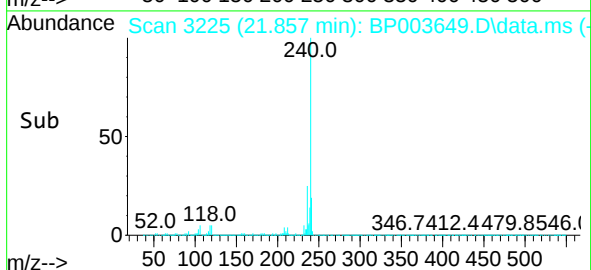
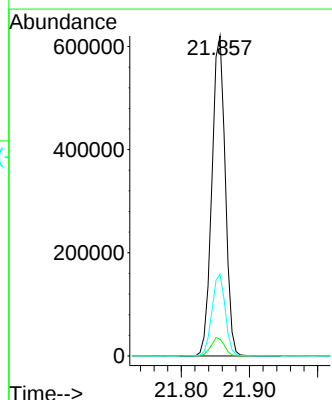
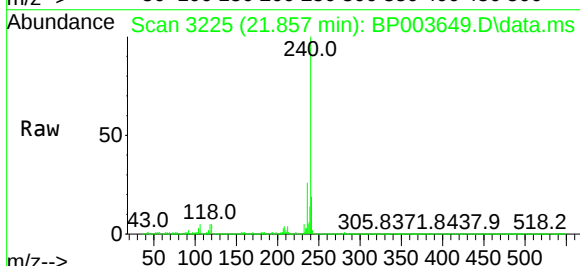
Instrument :
BNA_P
ClientSampleId :
PB-2020-WW-000-02

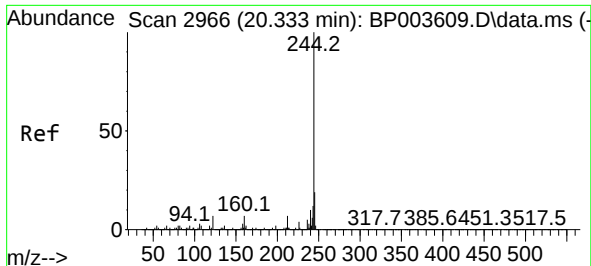
Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 720.0 6.4 46.4#
105 810.0 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.006 min
Lab File: BP003649.D
Acq: 16 Oct 2020 19:12

Tgt Ion:240 Resp: 845785
Ion Ratio Lower Upper
240 100
120 5.3 7.8 11.6#
236 25.5 20.8 31.2

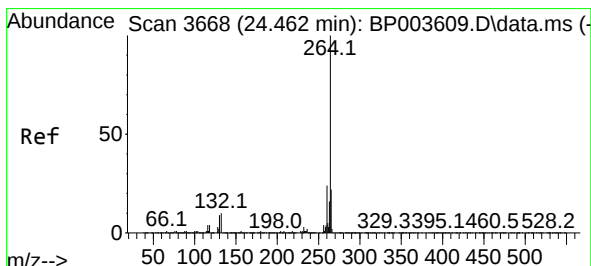
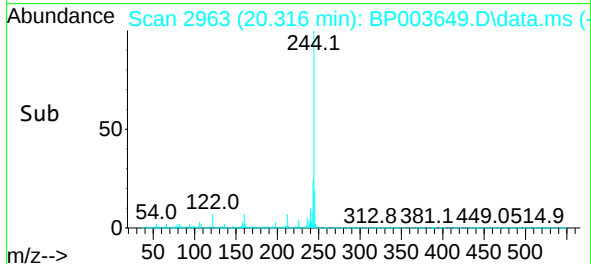
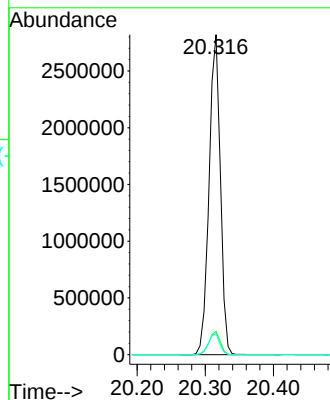
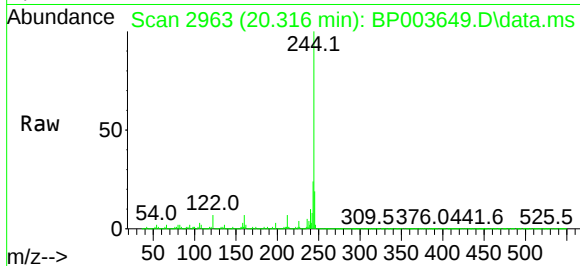




#79
 Terphenyl-d14
 Concen: 69.38 ng
 RT: 20.316 min Scan# 2963
 Delta R.T. -0.000 min
 Lab File: BP003649.D
 Acq: 16 Oct 2020 19:12

Instrument :
 BNA_P
 ClientSampleId :
 PB-2020-WW-000-02

Tgt Ion:244 Resp: 3243308
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 6.6 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: BP003649.D
 Acq: 16 Oct 2020 19:12

Tgt Ion:264 Resp: 838889
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.8 28.2
 265 21.6 17.4 26.2

