

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003655.D
 Acq On : 17 Oct 2020 02:02
 Operator : CG/JU
 Sample : PB132431TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132431TB

Quant Time: Oct 17 03:13:56 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)

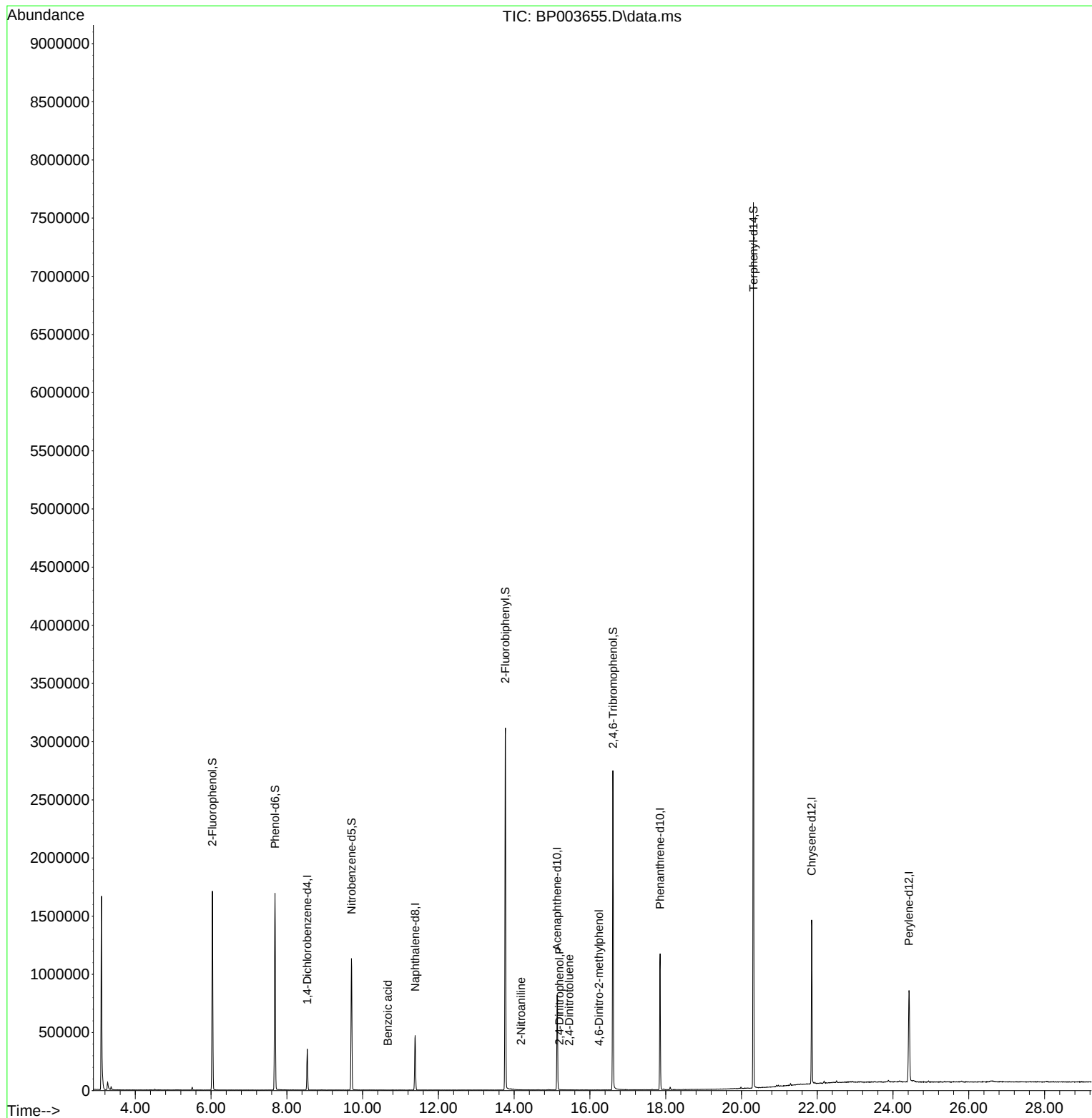
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	92705	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	364623	20.00	ng	# 0.00
39) Acenaphthene-d10	15.134	164	270728	20.00	ng	0.00
64) Phenanthrene-d10	17.851	188	681511	20.00	ng	0.00
76) Chrysene-d12	21.851	240	748287	20.00	ng	#-0.01
86) Perylene-d12	24.421	264	665618	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	683477	126.75	ng	0.00
7) Phenol-d6	7.687	99	916859	116.73	ng	0.00
23) Nitrobenzene-d5	9.705	82	653413	83.08	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	525580	145.61	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1578887	76.51	ng	0.00
79) Terphenyl-d14	20.316	244	3193033	77.20	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.611	77	104	Below Cal	#	7
32) Benzoic acid	10.663	122	13	6.42 ng	#	47
48) 2-Nitroaniline	14.181	65	12	4.18 ng	#	1
54) 2,4-Dinitrophenol	15.193	184	15	2.12 ng	#	1
57) 2,4-Dinitrotoluene	15.451	165	238	3.60 ng	#	82
65) 4,6-Dinitro-2-methylph...	16.240	198	11	7.38 ng	#	1

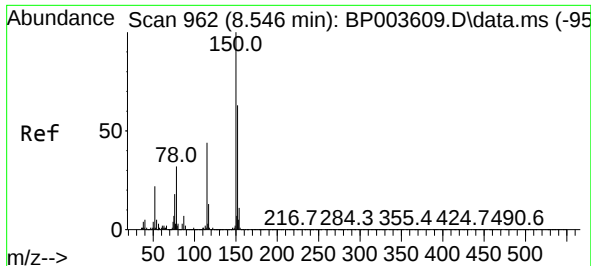
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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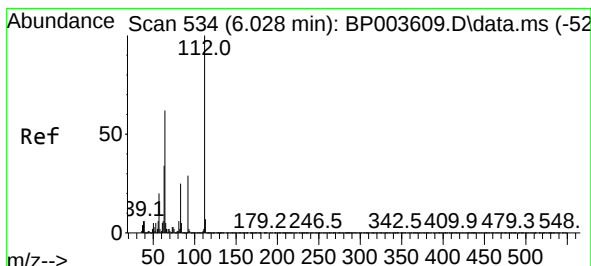
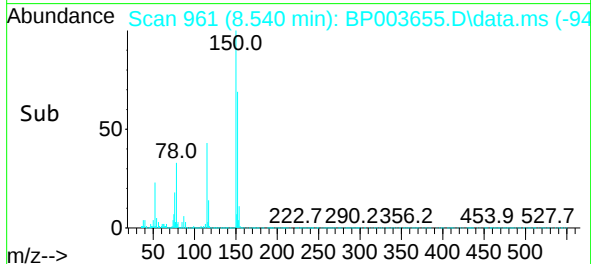
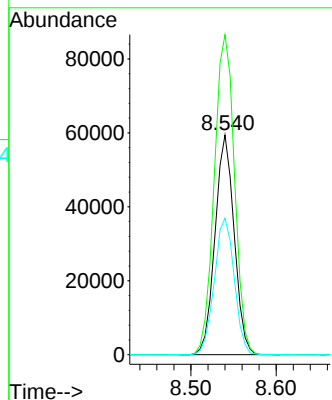
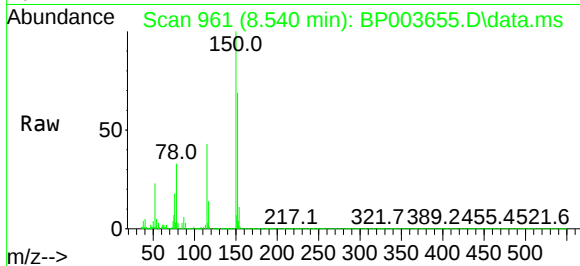




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

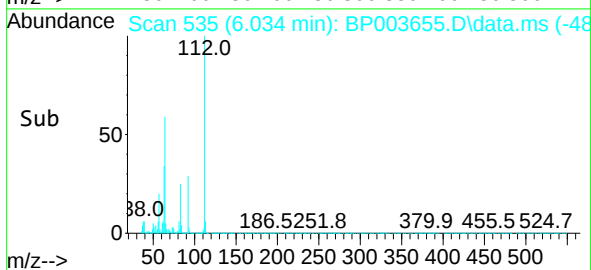
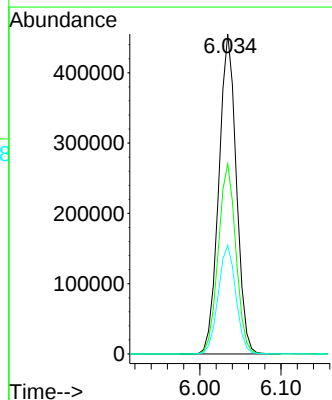
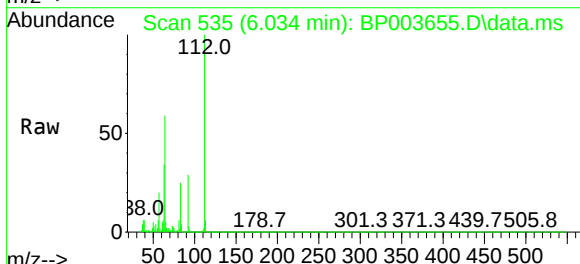
Instrument :
BNA_P
ClientSampleId :
PB132431TB

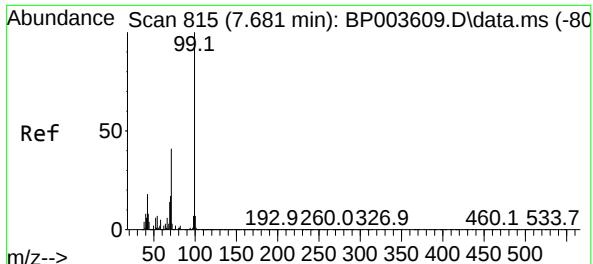
Tgt Ion:152 Resp: 92705
Ion Ratio Lower Upper
152 100
150 145.7 123.8 185.6
115 62.2 43.8 65.6



#5
2-Fluorophenol
Concen: 126.75 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:112 Resp: 683477
Ion Ratio Lower Upper
112 100
64 59.4 32.8 49.2#
63 34.0 17.0 25.4#

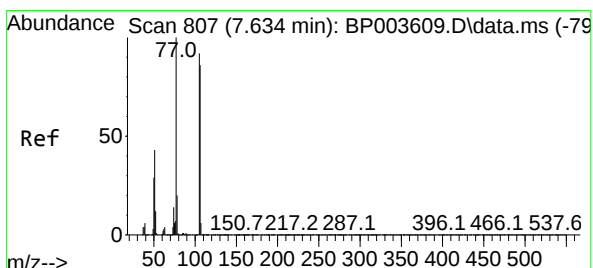
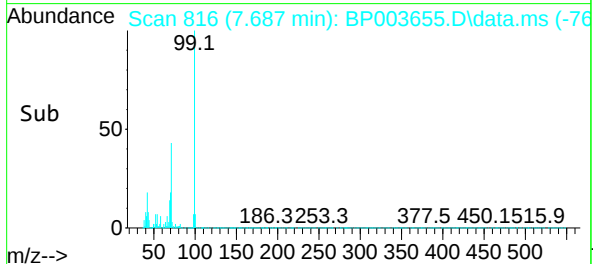
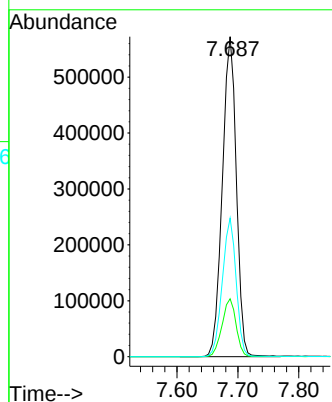
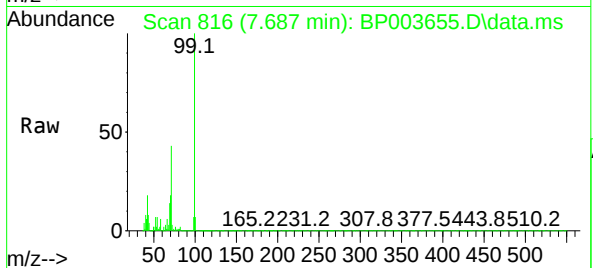




#7
Phenol-d6
Concen: 116.73 ng
RT: 7.687 min Scan# 816
Delta R.T. 0.006 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

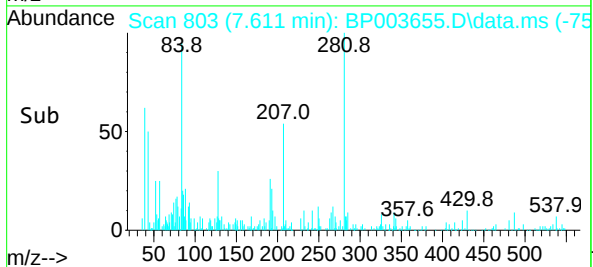
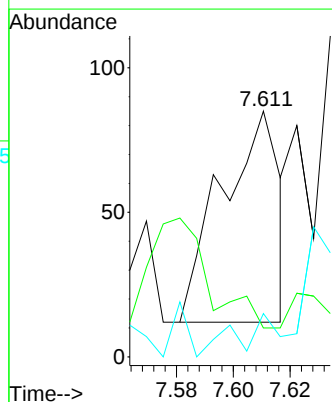
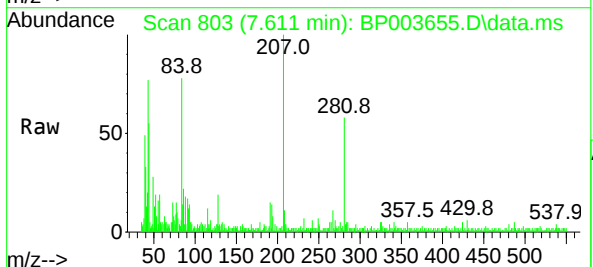
Instrument :
BNA_P
ClientSampleId :
PB132431TB

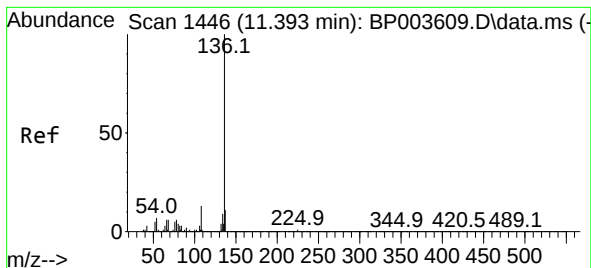
Tgt Ion: 99 Resp: 916859
Ion Ratio Lower Upper
99 100
42 18.1 8.6 13.0#
71 43.3 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.611 min Scan# 803
Delta R.T. -0.024 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion: 77 Resp: 104
Ion Ratio Lower Upper
77 100
105 11.8 97.1 137.1#
106 17.6 93.7 133.7#

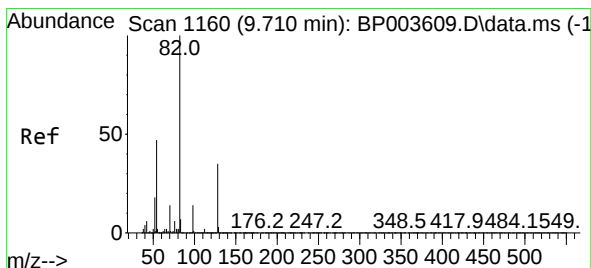
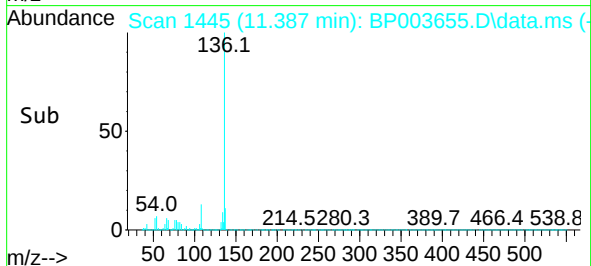
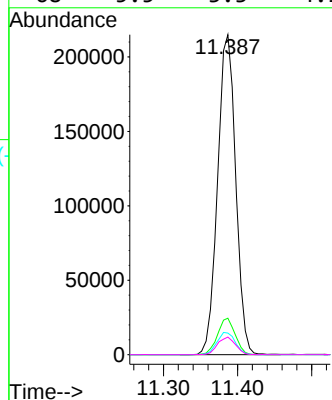
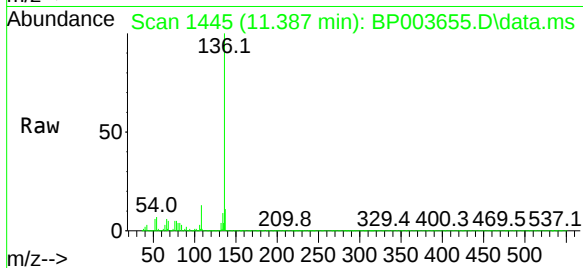




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

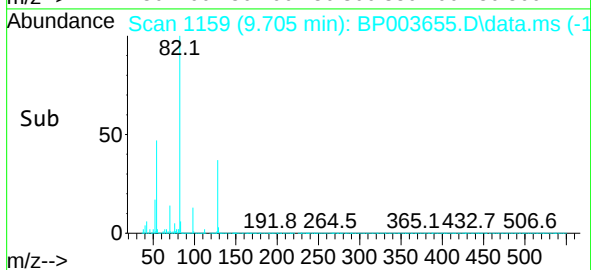
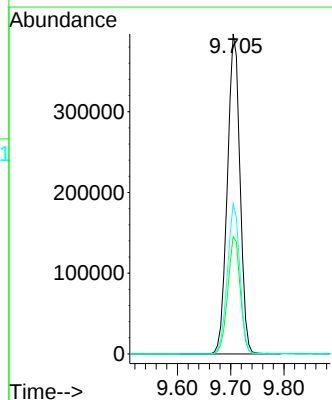
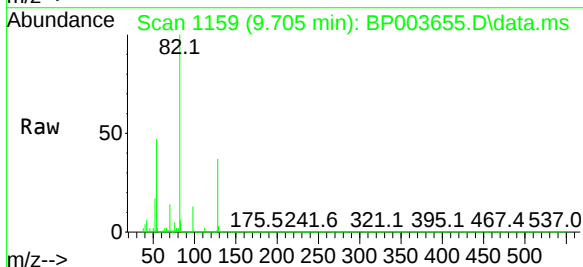
Instrument :
BNA_P
ClientSampleId :
PB132431TB

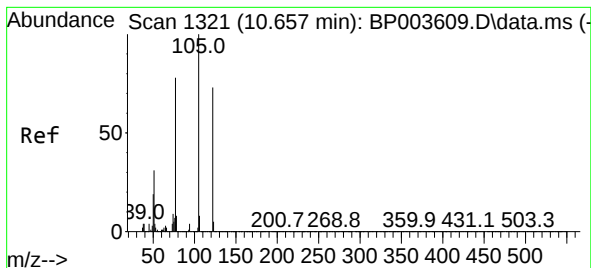
Tgt Ion:	136	Resp:	364623
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	6.8	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 83.08 ng
RT: 9.705 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:	82	Resp:	653413
Ion Ratio	Lower	Upper	
82	100		
128	36.6	45.6	68.4#
54	47.0	30.1	45.1#

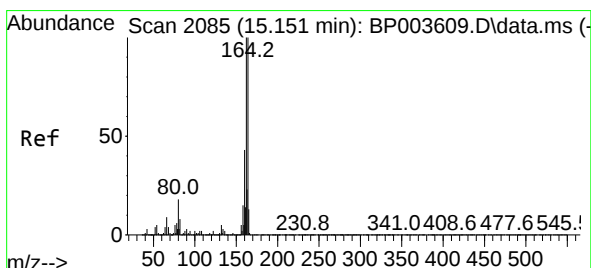
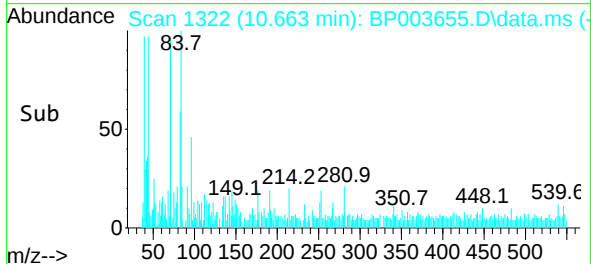
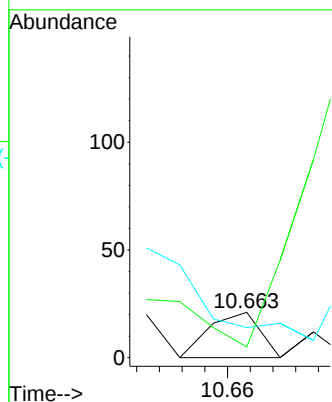
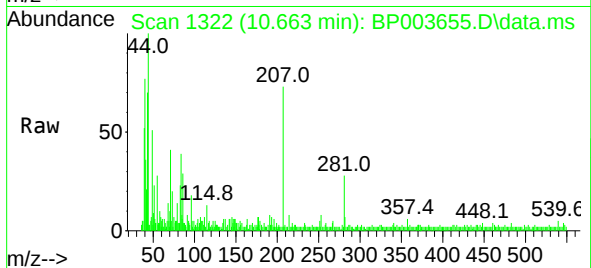




#32
Benzoic acid
Concen: 6.42 ng
RT: 10.663 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

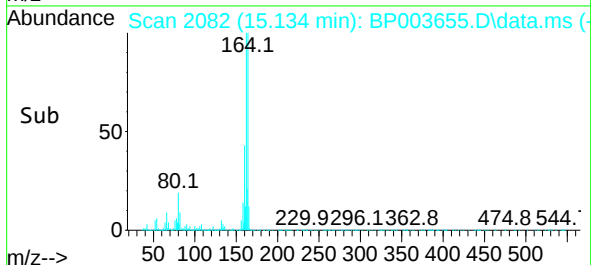
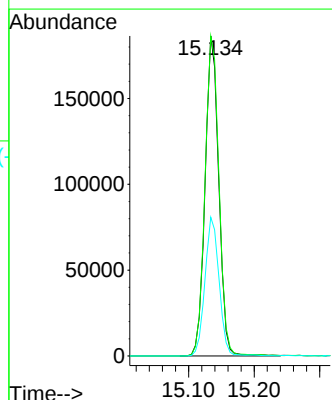
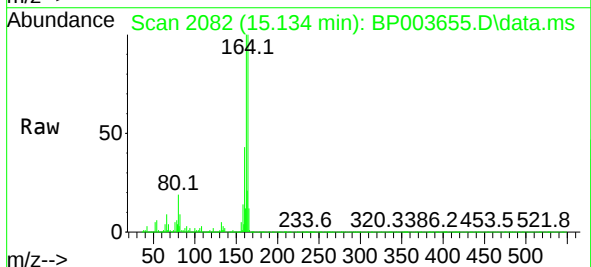
Instrument :
BNA_P
ClientSampleId :
PB132431TB

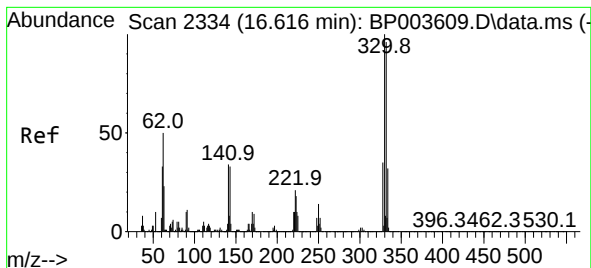
Tgt Ion:122 Resp: 13
Ion Ratio Lower Upper
122 100
105 23.8 94.1 134.1#
77 66.7 50.1 90.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.134 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:164 Resp: 270728
Ion Ratio Lower Upper
164 100
162 99.9 79.4 119.2
160 43.3 36.1 54.1

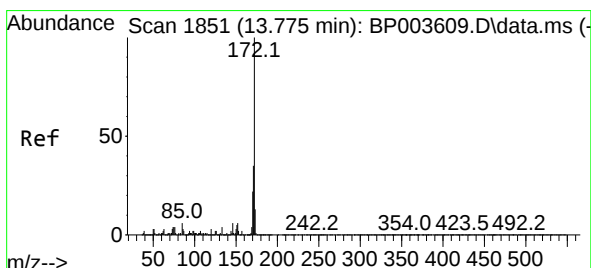
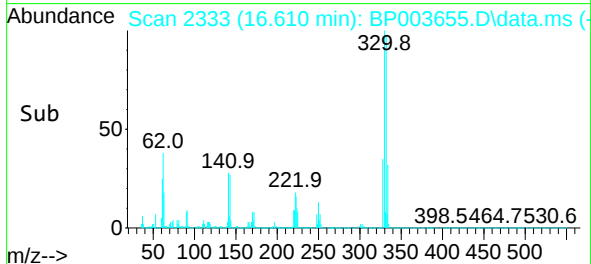
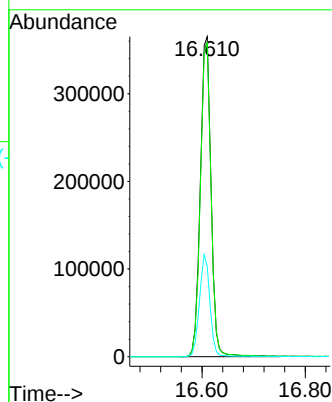
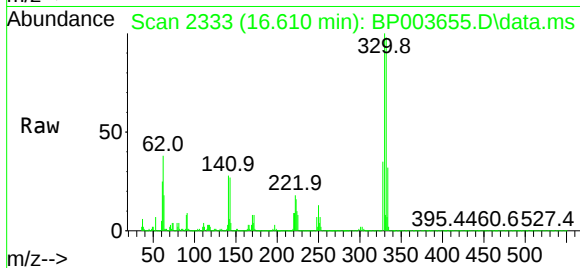




#42
2,4,6-Tribromophenol
Concen: 145.61 ng
RT: 16.610 min Scan# 2333
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

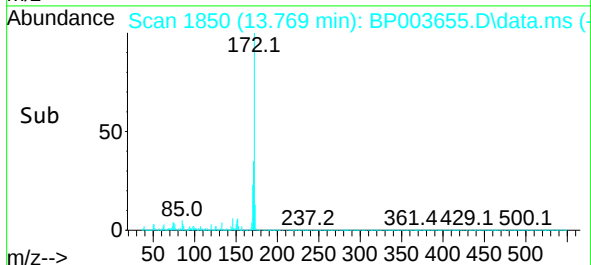
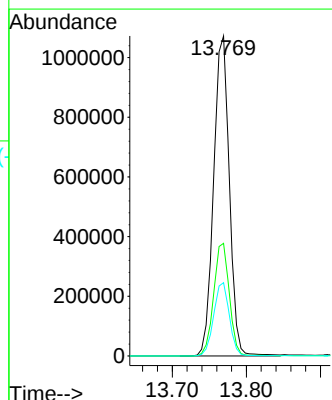
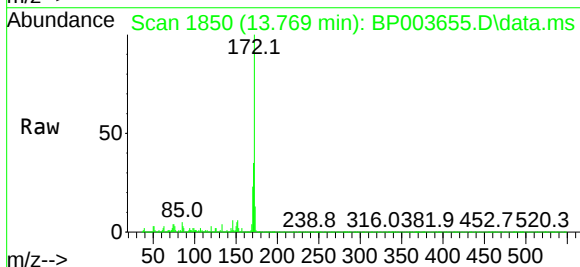
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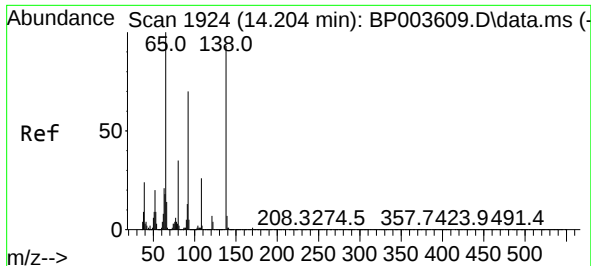
Tgt Ion:330 Resp: 525580
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 31.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.51 ng
RT: 13.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:172 Resp: 1578887
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.9 19.2 28.8

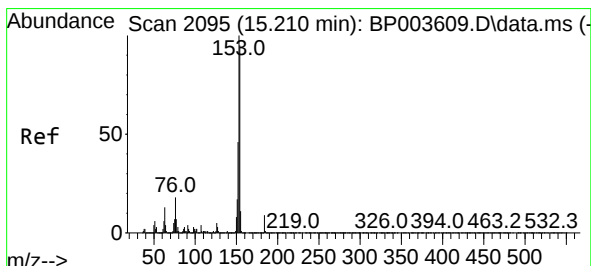
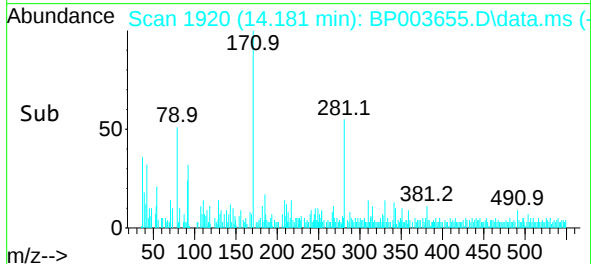
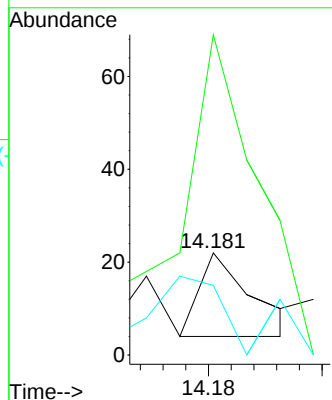
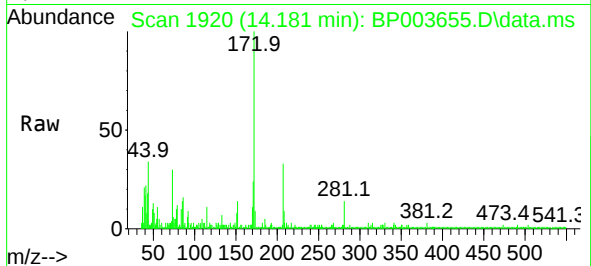




#48
2-Nitroaniline
Concen: 4.18 ng
RT: 14.181 min Scan# 1920
Delta R.T. -0.018 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

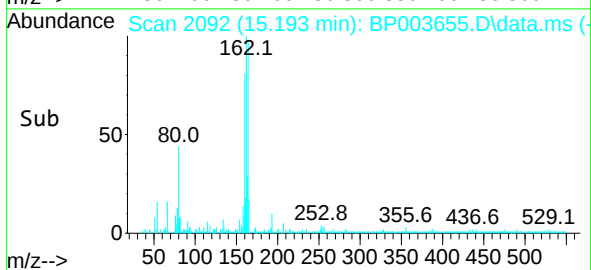
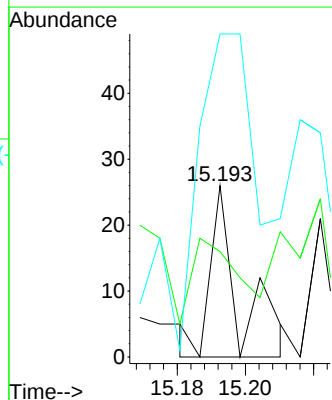
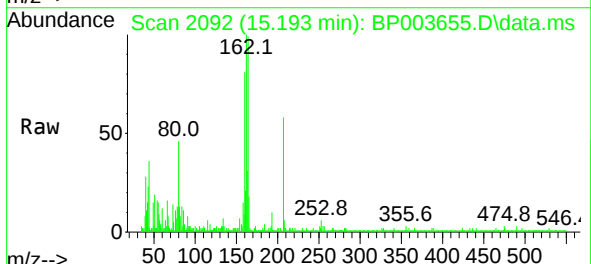
Instrument :
BNA_P
ClientSampled :
PB132431TB

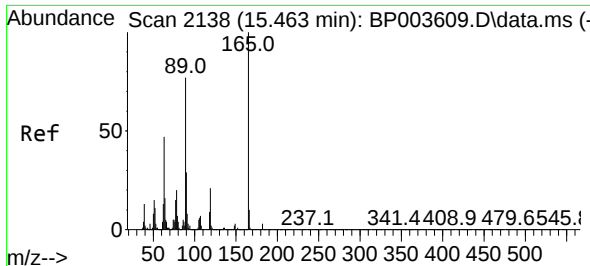
Tgt Ion: 65 Resp: 12
Ion Ratio Lower Upper
65 100
92 287.5 70.6 106.0#
138 62.5 133.6 200.4#



#54
2,4-Dinitrophenol
Concen: 2.12 ng
RT: 15.193 min Scan# 2092
Delta R.T. -0.012 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion: 184 Resp: 15
Ion Ratio Lower Upper
184 100
63 61.5 32.3 48.5#
154 188.5 49.1 73.7#

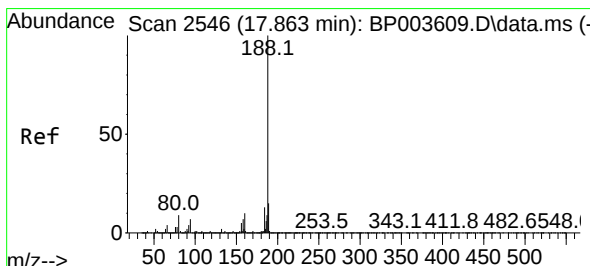
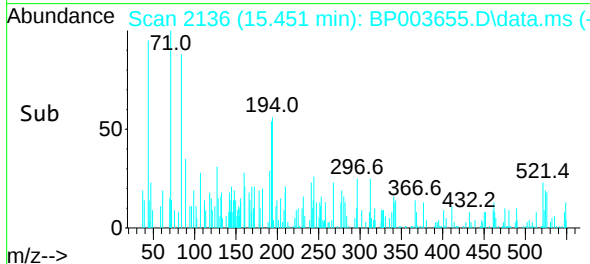
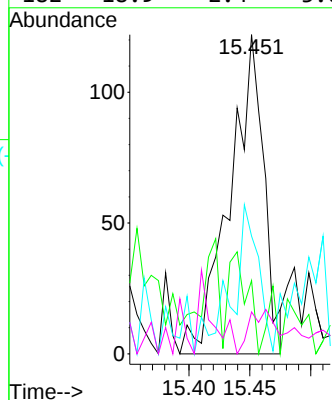
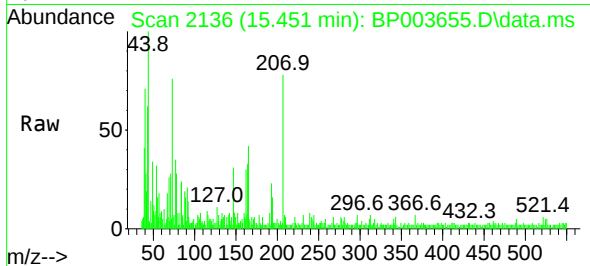




#57
2,4-Dinitrotoluene
Concen: 3.60 ng
RT: 15.451 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

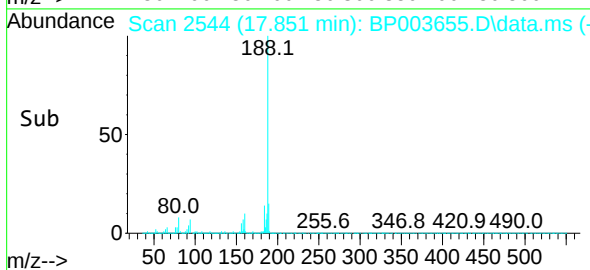
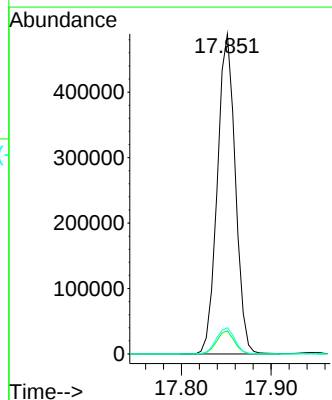
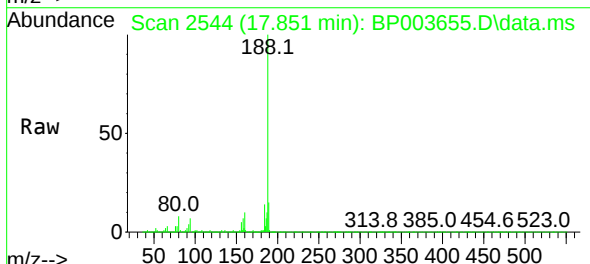
Instrument :
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PB132431TB

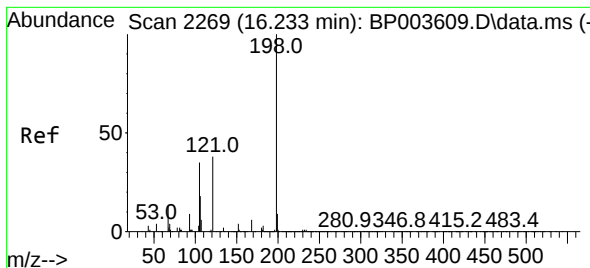
Tgt Ion:165 Resp: 238
Ion Ratio Lower Upper
165 100
63 23.0 20.6 31.0
89 36.9 42.6 63.8#
182 18.9 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. 0.000 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:188 Resp: 681511
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.2 6.2 9.2

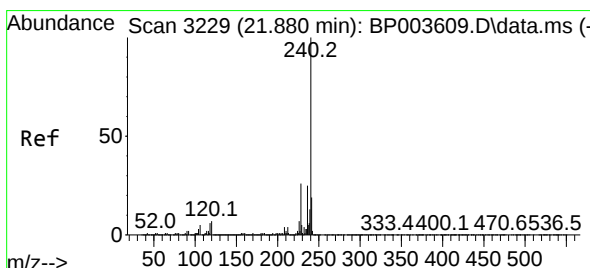
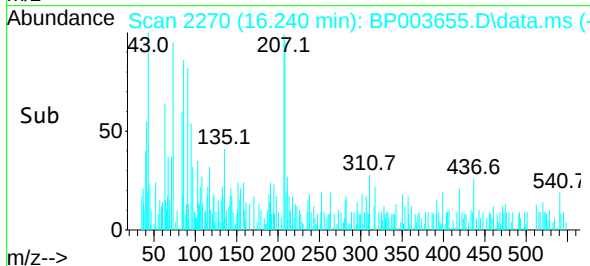
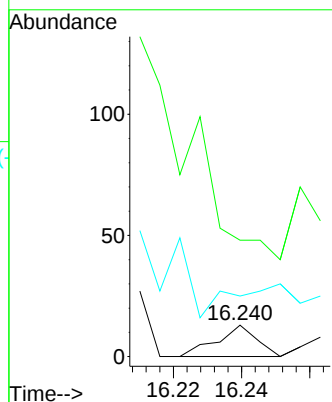
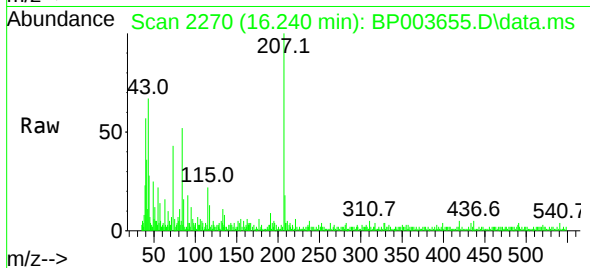




#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.240 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

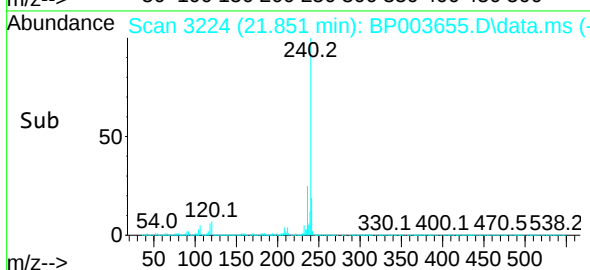
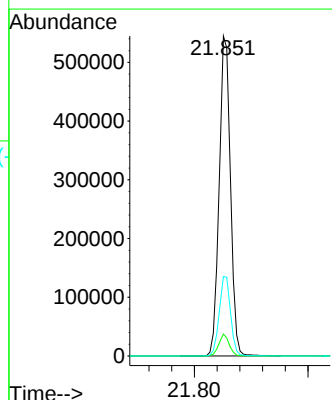
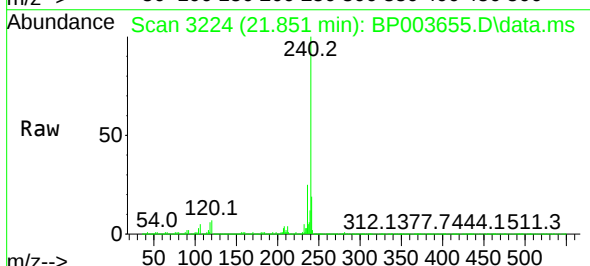
Instrument :
BNA_P
ClientSampleId :
PB132431TB

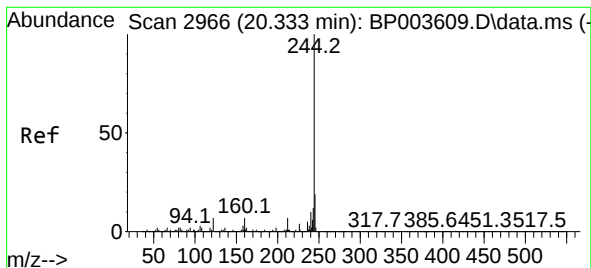
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 369.2 6.4 46.4#
105 192.3 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.851 min Scan# 3224
Delta R.T. -0.012 min
Lab File: BP003655.D
Acq: 17 Oct 2020 02:02

Tgt Ion:240 Resp: 748287
Ion Ratio Lower Upper
240 100
120 6.8 7.8 11.6#
236 24.8 20.8 31.2

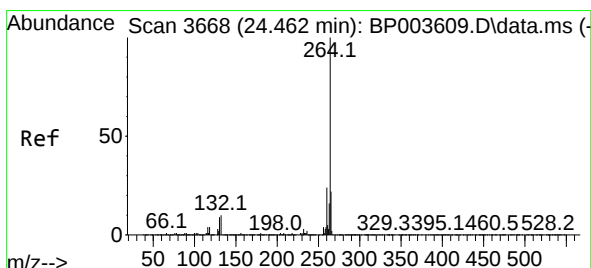
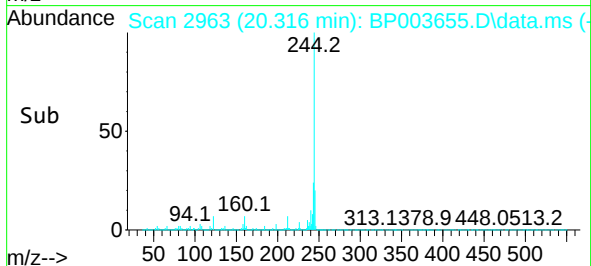
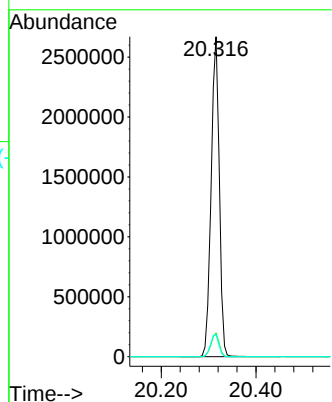
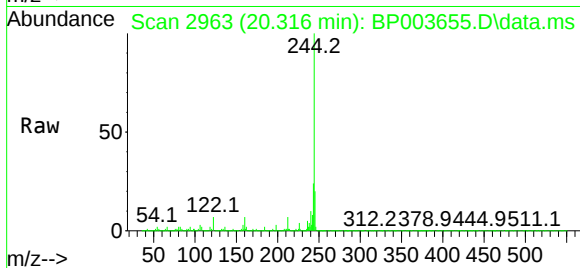




#79
 Terphenyl-d14
 Concen: 77.20 ng
 RT: 20.316 min Scan# 2963
 Delta R.T. 0.000 min
 Lab File: BP003655.D
 Acq: 17 Oct 2020 02:02

Instrument :
 BNA_P
 ClientSampleId :
 PB132431TB

Tgt Ion:244 Resp: 3193033
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 6.8 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.421 min Scan# 3661
 Delta R.T. -0.012 min
 Lab File: BP003655.D
 Acq: 17 Oct 2020 02:02

Tgt Ion:264 Resp: 665618
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.8 28.2
 265 22.2 17.4 26.2

