

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003636.D
 Acq On : 16 Oct 2020 11:25
 Operator : CG/JU
 Sample : PB132396BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB132396BL

Quant Time: Oct 16 12:48:05 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)

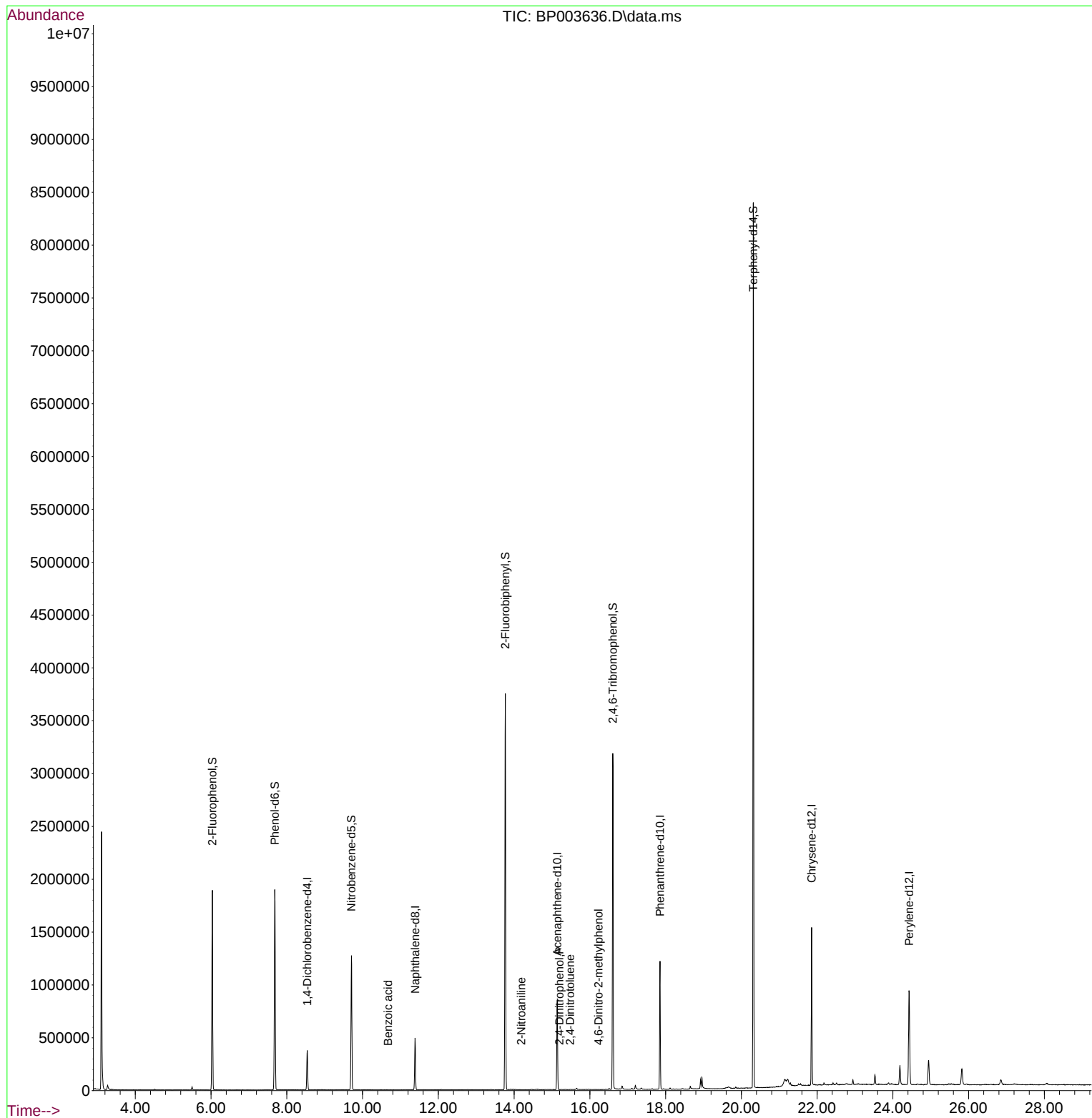
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	96695	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	372779	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	277112	20.00	ng	0.00
64) Phenanthrene-d10	17.851	188	689697	20.00	ng	0.00
76) Chrysene-d12	21.857	240	755004	20.00	ng	# 0.00
86) Perylene-d12	24.427	264	723834	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.034	112	768025	136.55	ng	0.00
7) Phenol-d6	7.681	99	1033773	126.18	ng	0.00
23) Nitrobenzene-d5	9.704	82	740441	92.09	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	603078	163.23	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1791972	84.84	ng	0.00
79) Terphenyl-d14	20.316	244	3495567	83.77	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.616	77	115	Below Cal	#	5
32) Benzoic acid	10.675	122	69	6.44 ng	#	31
48) 2-Nitroaniline	14.192	65	107	4.20 ng	#	1
54) 2,4-Dinitrophenol	15.198	184	8	2.11 ng	#	1
57) 2,4-Dinitrotoluene	15.481	165	89	3.57 ng	#	30
65) 4,6-Dinitro-2-methylph...	16.233	198	11	7.38 ng	#	1

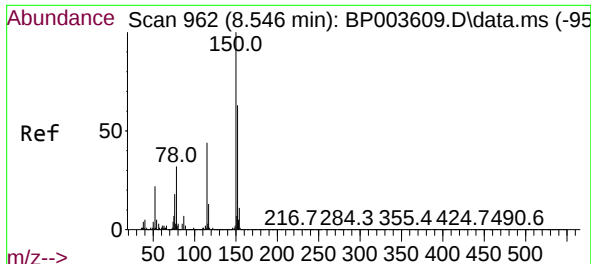
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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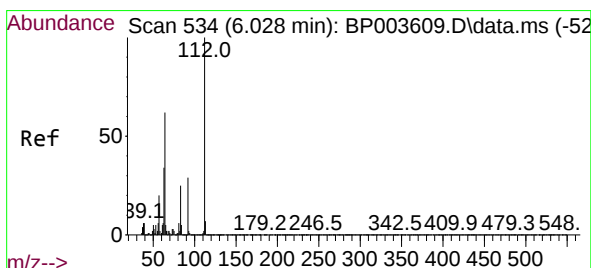
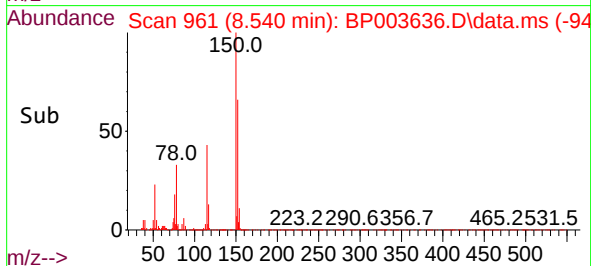
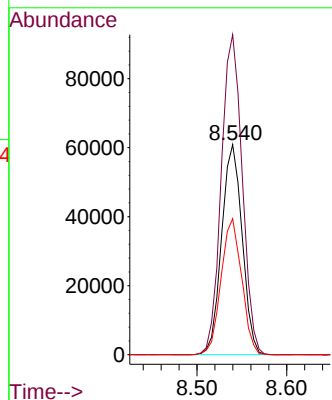
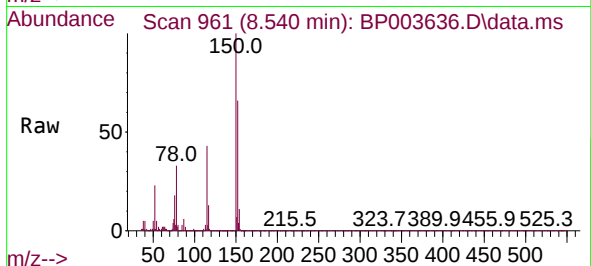




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

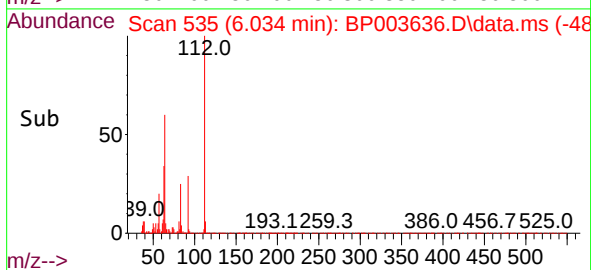
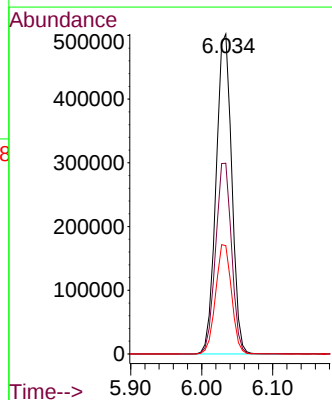
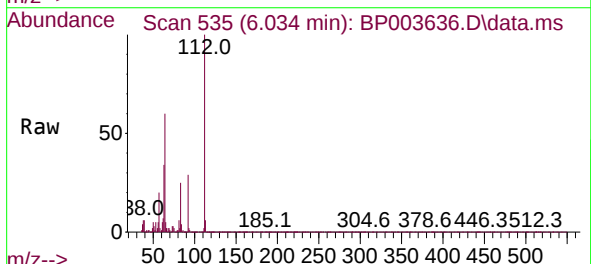
Instrument :
BNA_P
ClientSampleId :
PB132396BL

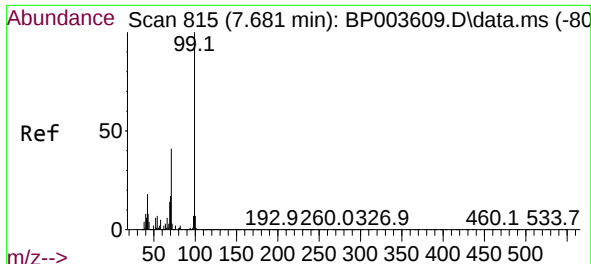
Tgt Ion:152 Resp: 96695
Ion Ratio Lower Upper
152 100
150 152.4 123.8 185.6
115 64.8 43.8 65.6



#5
2-Fluorophenol
Concen: 136.55 ng
RT: 6.034 min Scan# 535
Delta R.T. 0.006 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:112 Resp: 768025
Ion Ratio Lower Upper
112 100
64 59.6 32.8 49.2#
63 33.9 17.0 25.4#

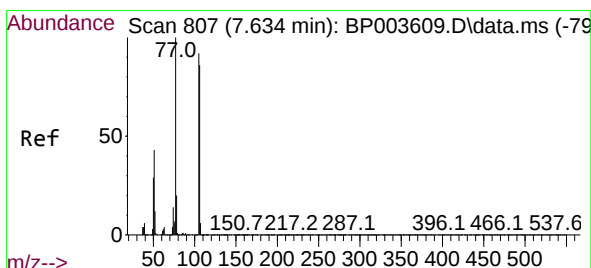
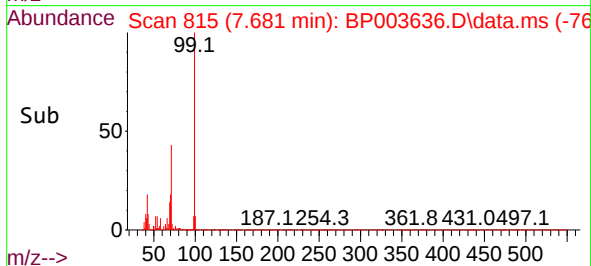
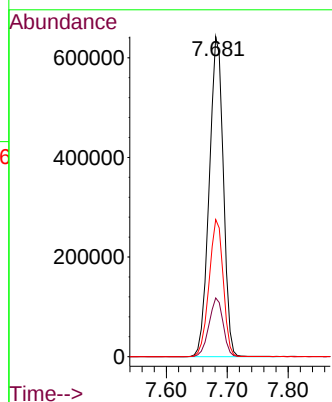
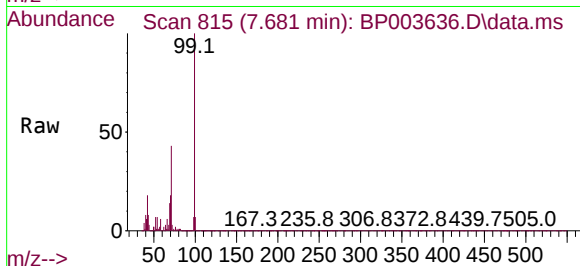




#7
Phenol-d6
Concen: 126.18 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

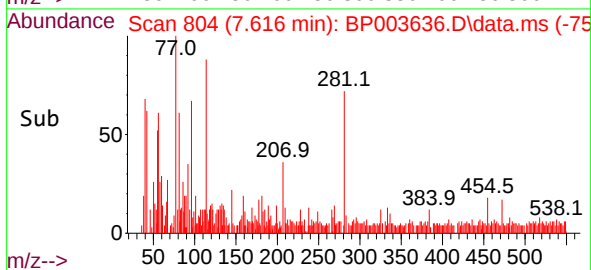
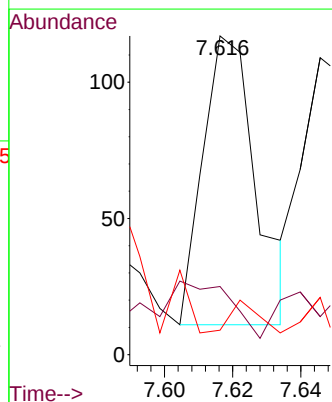
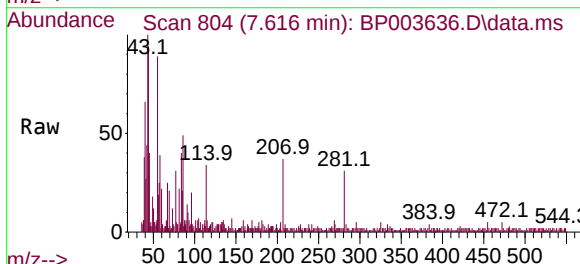
Instrument :
BNA_P
ClientSampleId :
PB132396BL

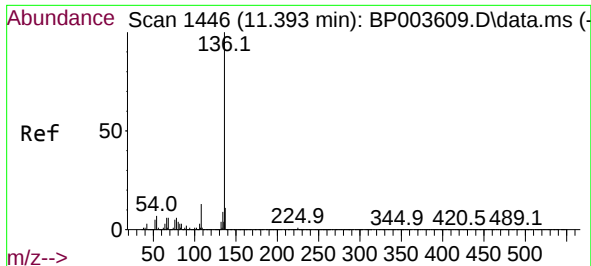
Tgt Ion: 99 Resp: 1033773
Ion Ratio Lower Upper
99 100
42 18.4 8.6 13.0#
71 42.8 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.616 min Scan# 804
Delta R.T. -0.018 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion: 77 Resp: 115
Ion Ratio Lower Upper
77 100
105 18.7 97.1 137.1#
106 6.7 93.7 133.7#

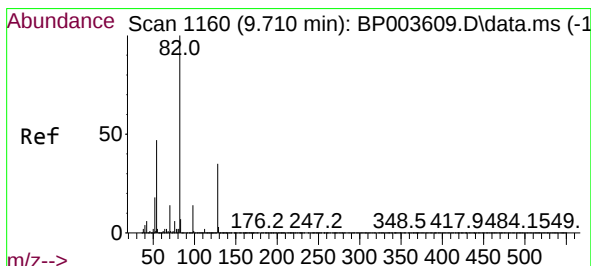
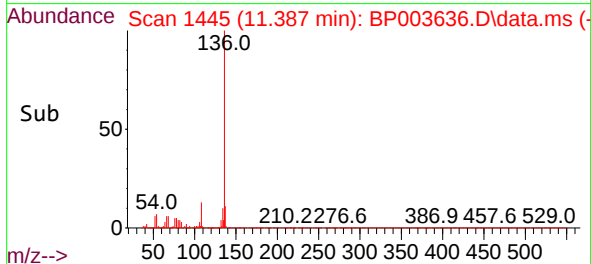
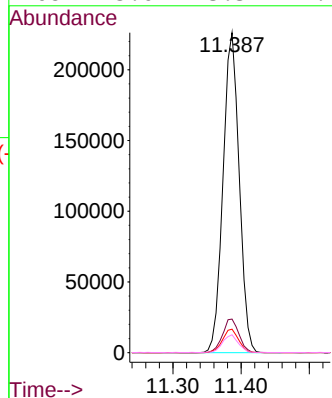
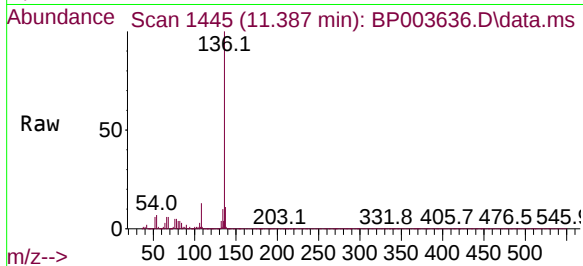




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

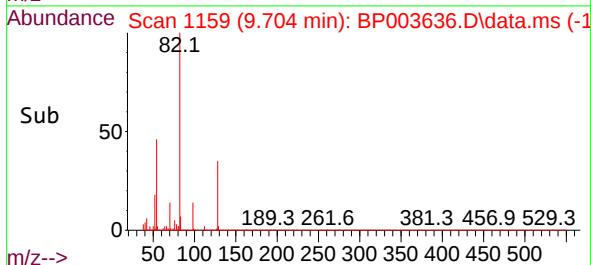
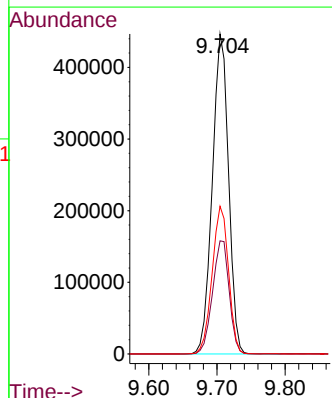
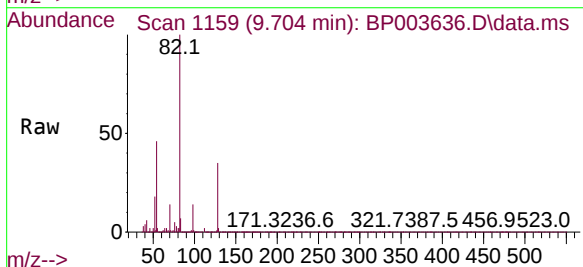
Instrument :
BNA_P
ClientSampleId :
PB132396BL

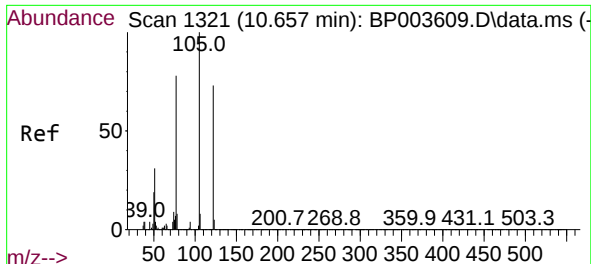
Tgt Ion:	136	Resp:	372779
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	13.0
54	7.3	3.6	5.4#
68	5.6	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 92.09 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:	82	Resp:	740441
Ion Ratio	Lower	Upper	
82	100		
128	35.4	45.6	68.4#
54	46.2	30.1	45.1#

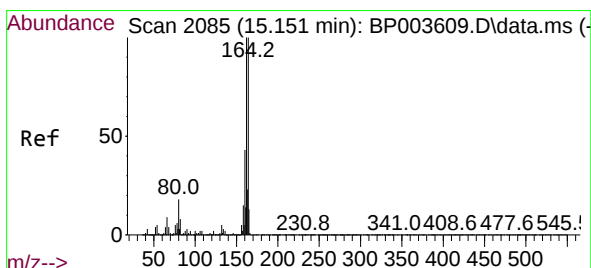
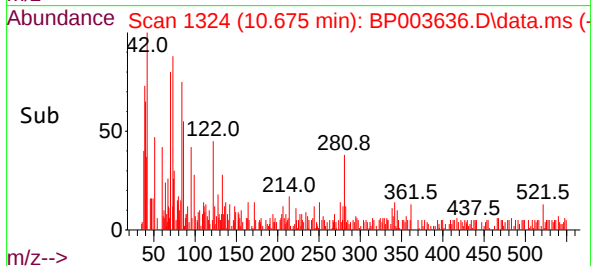
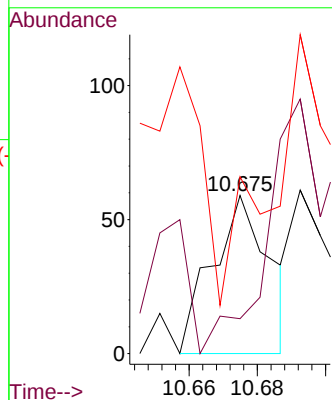
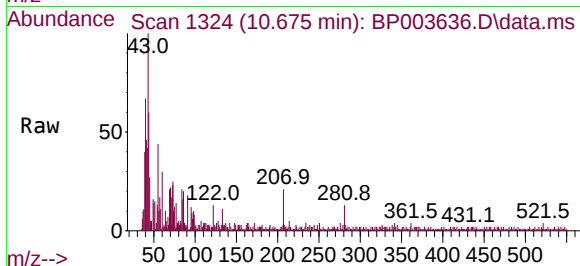




#32
Benzoic acid
Concen: 6.44 ng
RT: 10.675 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

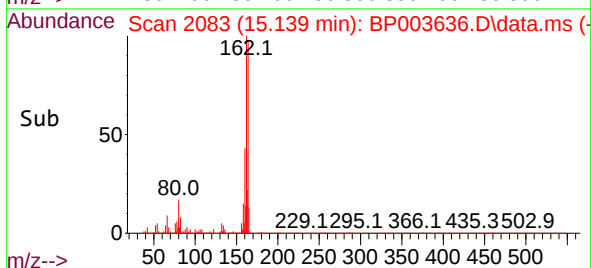
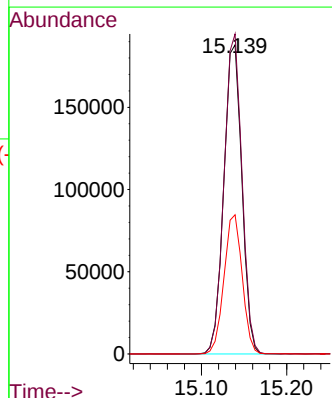
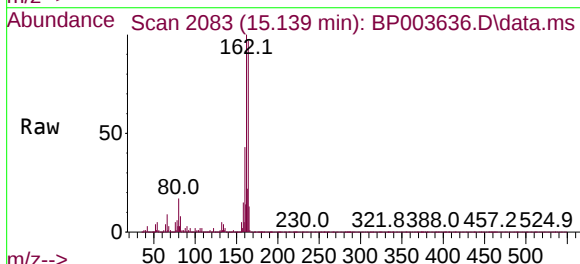
Instrument :
BNA_P
ClientSampleId :
PB132396BL

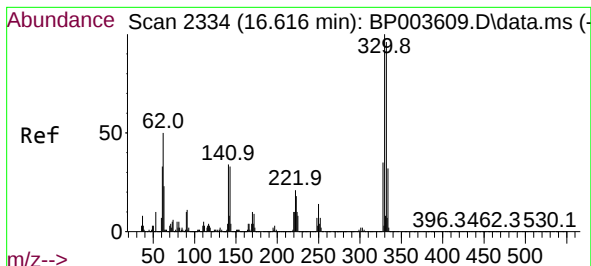
Tgt Ion:122 Resp: 69
Ion Ratio Lower Upper
122 100
105 20.3 94.1 134.1#
77 103.1 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:164 Resp: 277112
Ion Ratio Lower Upper
164 100
162 103.5 79.4 119.2
160 45.0 36.1 54.1

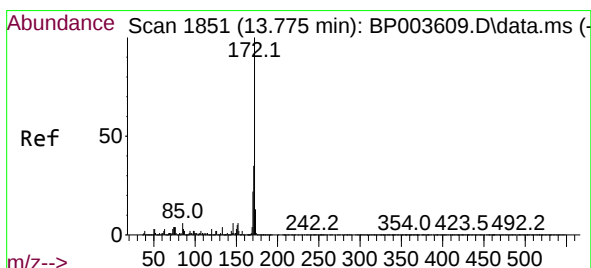
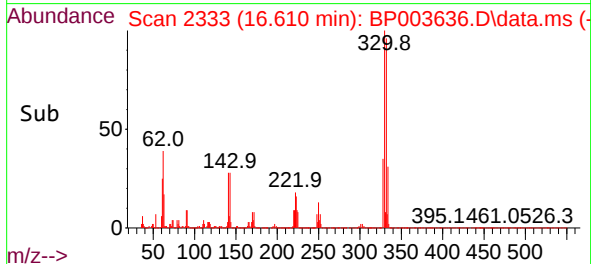
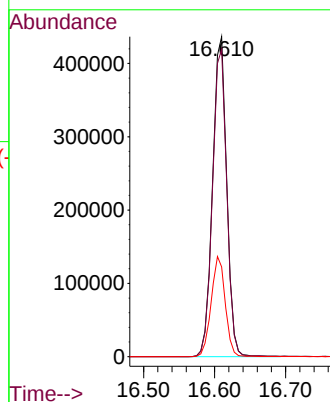
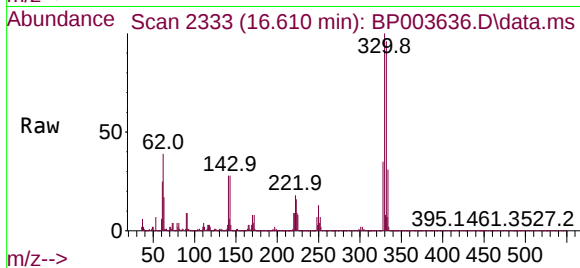




#42
2,4,6-Tribromophenol
Concen: 163.23 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

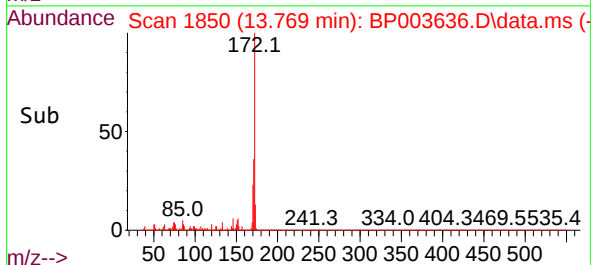
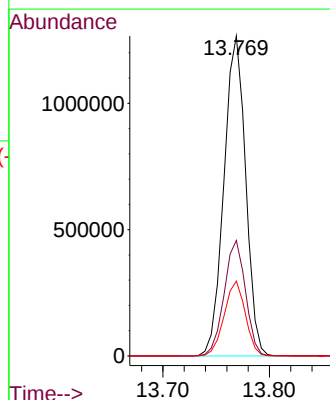
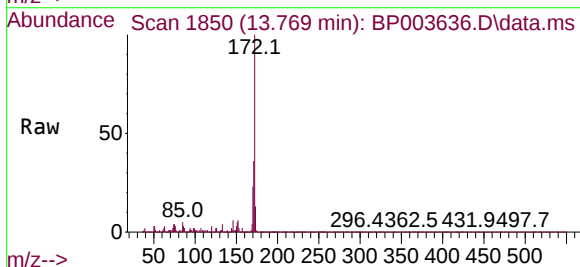
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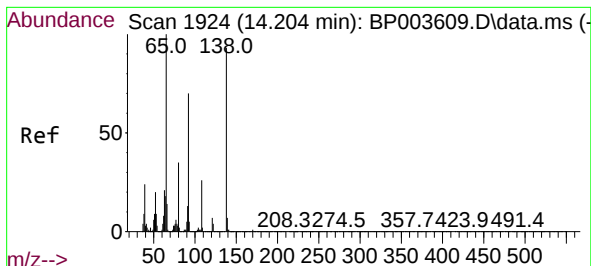
Tgt Ion:330 Resp: 603078
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 31.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 84.84 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:172 Resp: 1791972
Ion Ratio Lower Upper
172 100
171 36.1 28.5 42.7
170 23.4 19.2 28.8

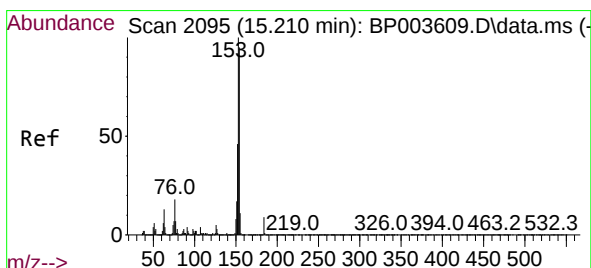
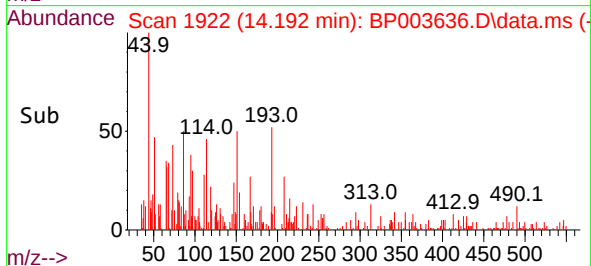
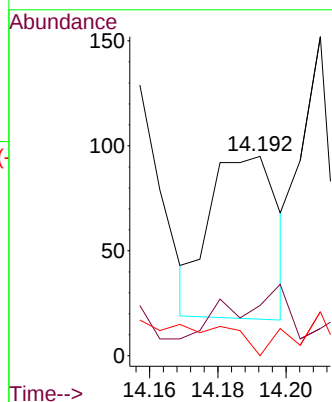
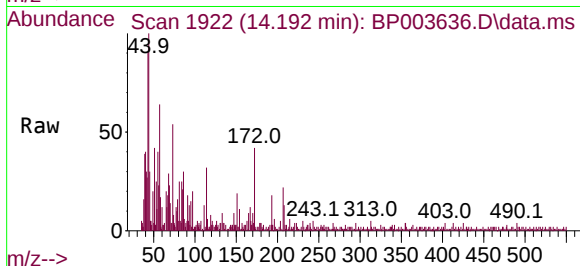




#48
2-Nitroaniline
Concen: 4.20 ng
RT: 14.192 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

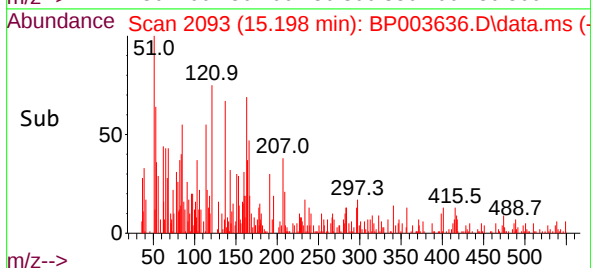
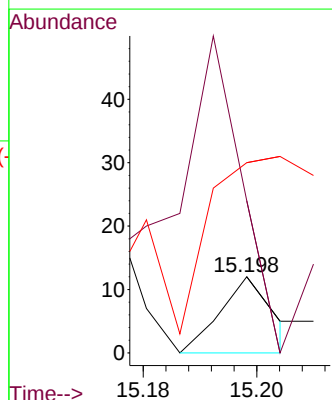
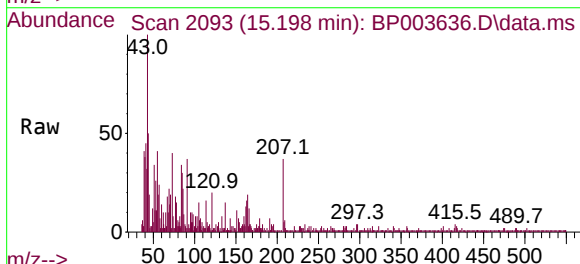
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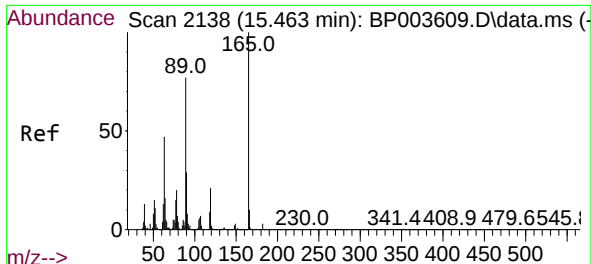
Tgt Ion: 65 Resp: 107
Ion Ratio Lower Upper
65 100
92 25.3 70.6 106.0#
138 0.0 133.6 200.4#



#54
2,4-Dinitrophenol
Concen: 2.11 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion: 184 Resp: 8
Ion Ratio Lower Upper
184 100
63 200.0 32.3 48.5#
154 250.0 49.1 73.7#



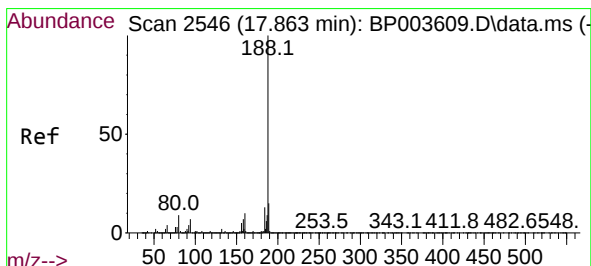
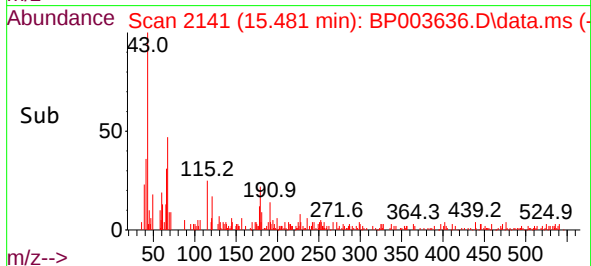
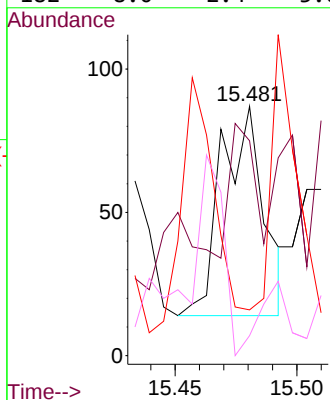
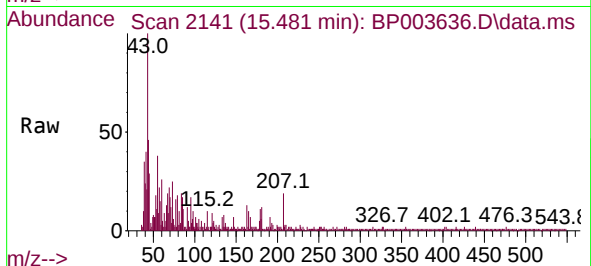


#57
2,4-Dinitrotoluene
Concen: 3.57 ng
RT: 15.481 min Scan# 2141
Delta R.T. 0.023 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Instrument :
BNA_P
ClientSampleId :
PB132396BL

Tgt Ion:165 Resp: 89

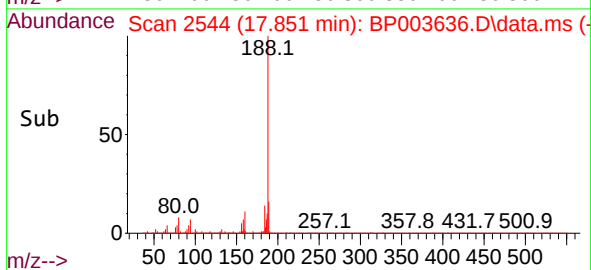
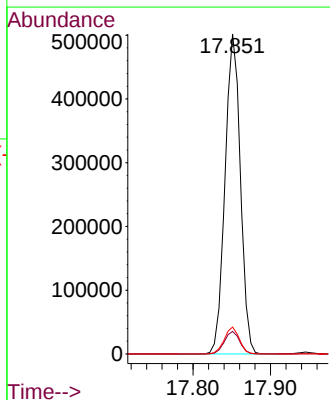
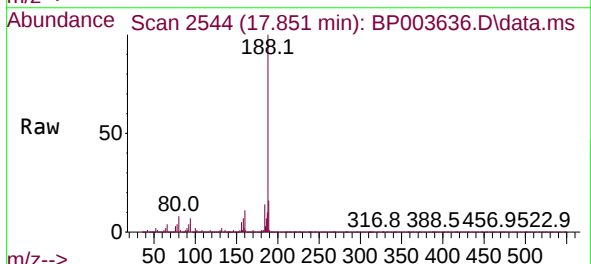
Ion	Ratio	Lower	Upper
165	100		
63	86.2	20.6	31.0#
89	18.4	42.6	63.8#
182	8.0	2.4	3.6#

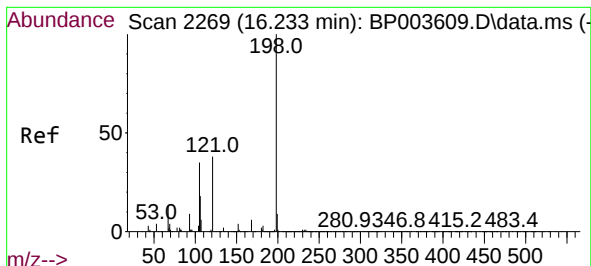


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.851 min Scan# 2544
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:188 Resp: 689697

Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.2	9.2
80	8.4	6.2	9.2

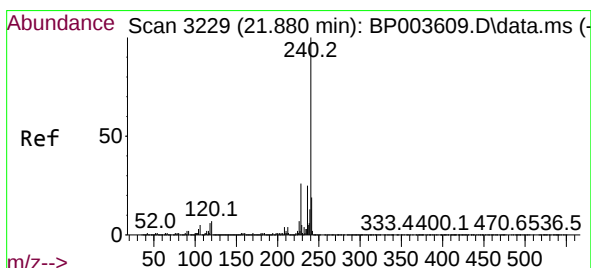
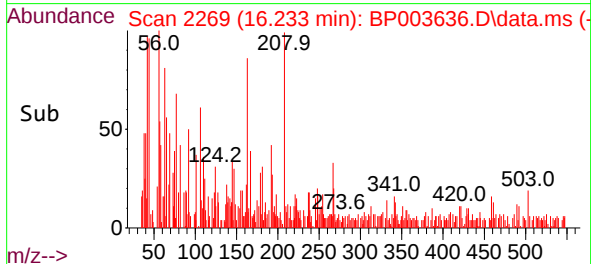
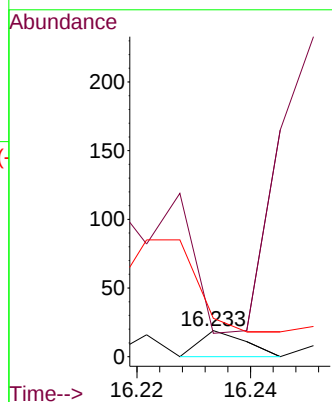
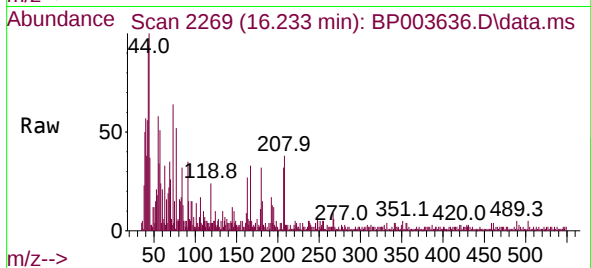




#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.233 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

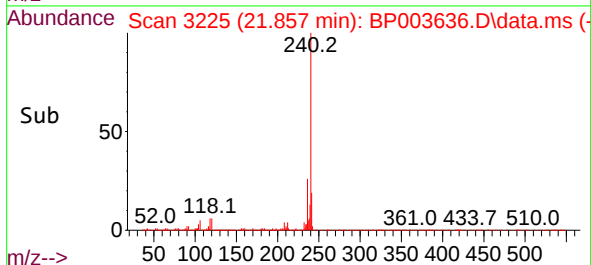
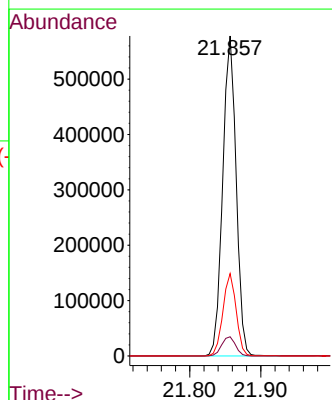
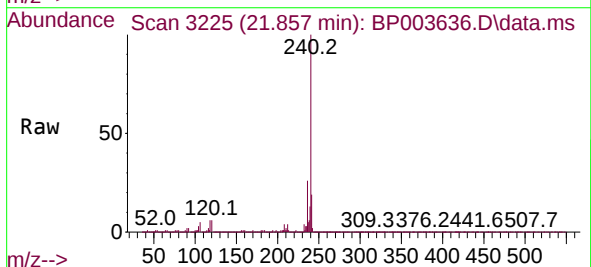
Instrument :
BNA_P
ClientSampleId :
PB132396BL

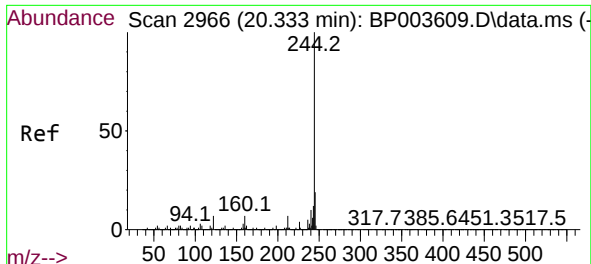
Tgt Ion:198 Resp: 11
Ion Ratio Lower Upper
198 100
51 89.5 6.4 46.4#
105 147.4 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.857 min Scan# 3225
Delta R.T. -0.006 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:240 Resp: 755004
Ion Ratio Lower Upper
240 100
120 6.0 7.8 11.6#
236 25.8 20.8 31.2

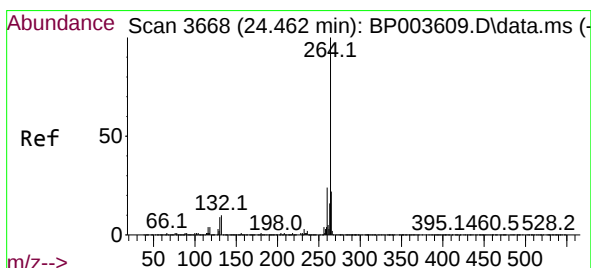
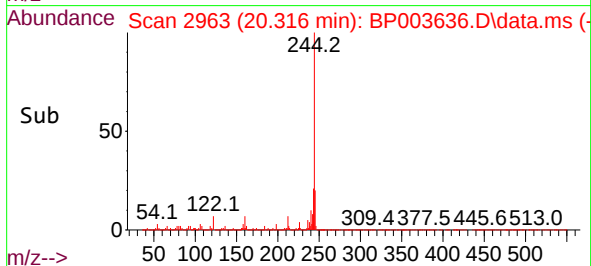
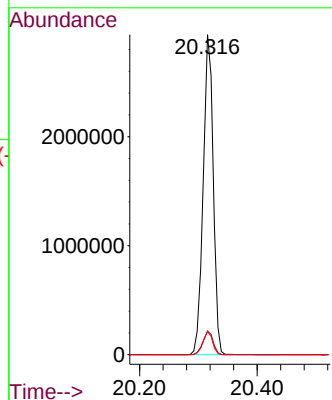
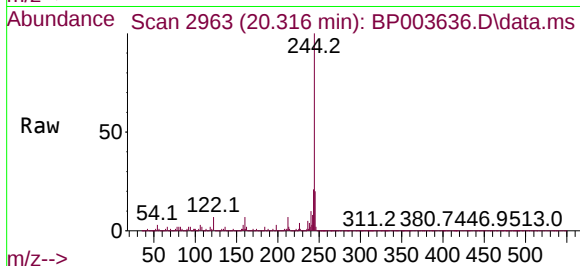




#79
Terphenyl-d14
Concen: 83.77 ng
RT: 20.316 min Scan# 2963
Delta R.T. -0.000 min
Lab File: BP003636.D
Acq: 16 Oct 2020 11:25

Instrument :
BNA_P
ClientSampleId :
PB132396BL

Tgt Ion:244 Resp: 3495567
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: BP003636.D
Acq: 16 Oct 2020 11:25

Tgt Ion:264 Resp: 723834
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 20.9 17.4 26.2

