

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003629.D
 Acq On : 15 Oct 2020 17:59
 Operator : CG/JU
 Sample : L4408-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WP-1

Quant Time: Oct 15 18:44:02 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)

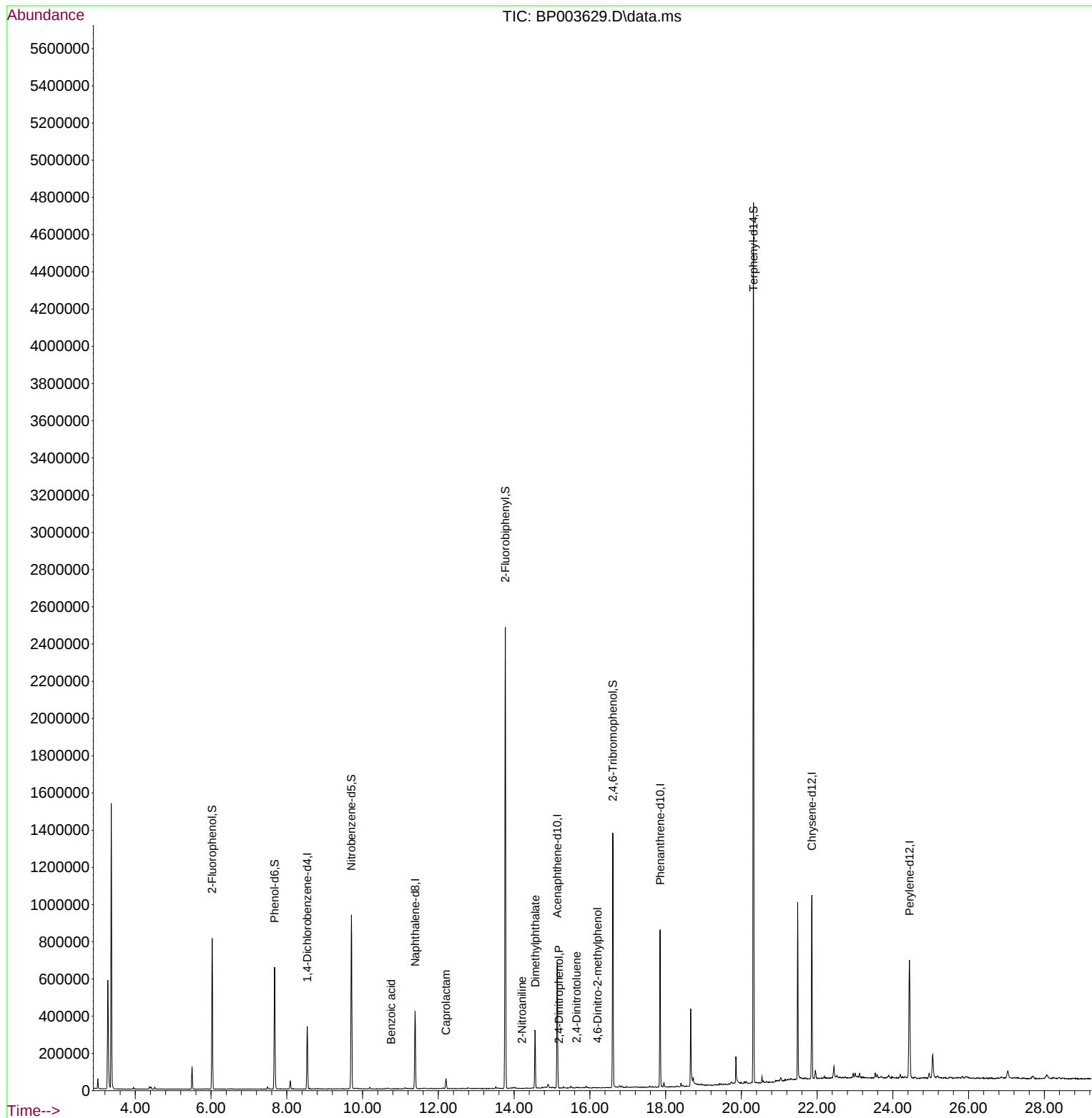
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	86466	20.00	ng	# 0.00
21) Naphthalene-d8	11.386	136	315245	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	217970	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	498828	20.00	ng	0.00
76) Chrysene-d12	21.862	240	508489	20.00	ng	#-0.02
86) Perylene-d12	24.439	264	510830	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	312041	62.04	ng	0.00
7) Phenol-d6	7.675	99	350396	47.83	ng	0.00
23) Nitrobenzene-d5	9.704	82	530294	77.99	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	255925	88.06	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1193365	71.83	ng	0.00
79) Terphenyl-d14	20.321	244	1991152	70.85	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.622	77	154	Below Cal	#	33
32) Benzoic acid	10.751	122	48	6.43	ng	84
35) Caprolactam	12.198	113	9554	5.78	ng	# 57
48) 2-Nitroaniline	14.210	65	92	4.20	ng	# 1
50) Dimethylphthalate	14.557	163	188918	10.56	ng	100
54) 2,4-Dinitrophenol	15.186	184	2	2.11	ng	# 1
57) 2,4-Dinitrotoluene	15.651	165	823	3.72	ng	# 63
65) 4,6-Dinitro-2-methylph...	16.204	198	20	7.38	ng	# 1

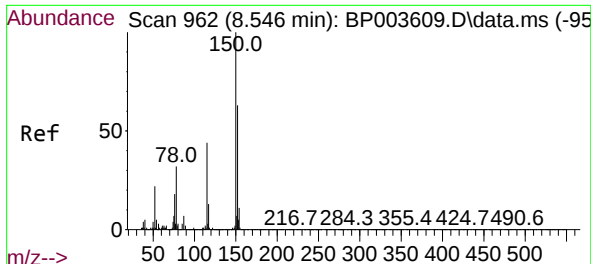
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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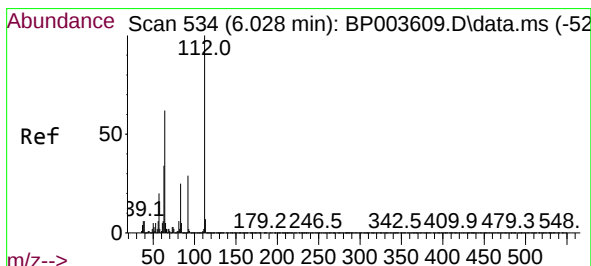
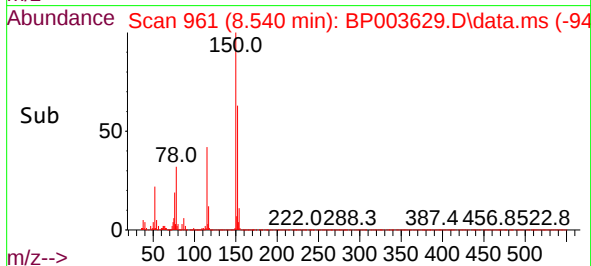
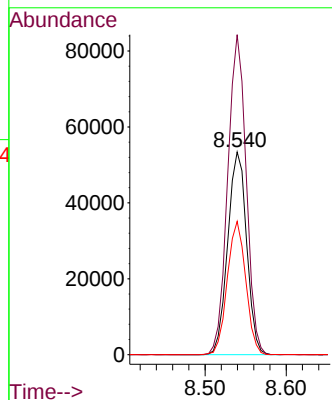
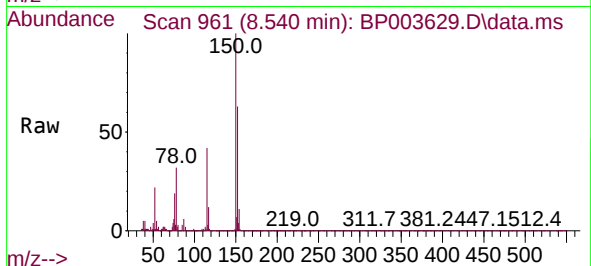




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

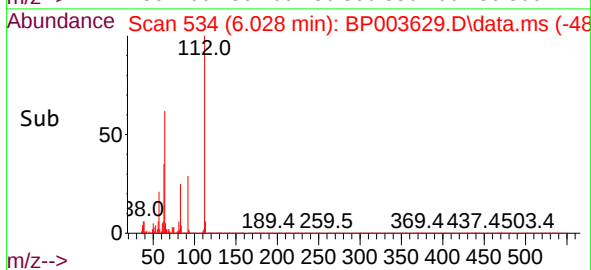
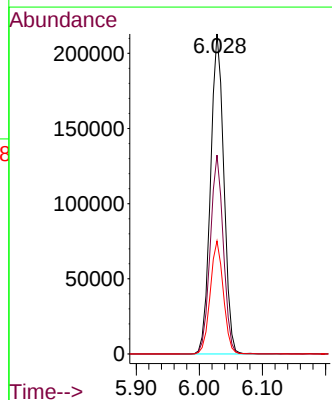
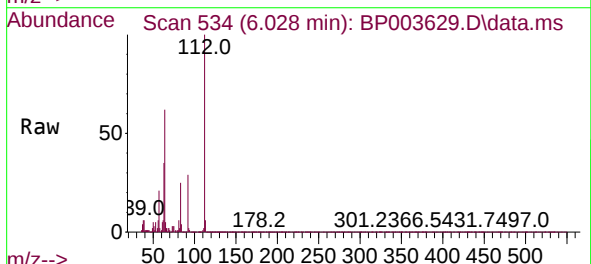
Instrument :
BNA_P
ClientSampleId :
WP-1

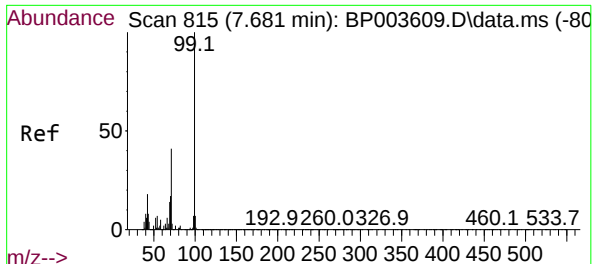
Tgt Ion:152 Resp: 86466
Ion Ratio Lower Upper
152 100
150 157.9 123.8 185.6
115 65.7 43.8 65.6#



#5
2-Fluorophenol
Concen: 62.04 ng
RT: 6.028 min Scan# 534
Delta R.T. -0.000 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:112 Resp: 312041
Ion Ratio Lower Upper
112 100
64 62.1 32.8 49.2#
63 35.3 17.0 25.4#

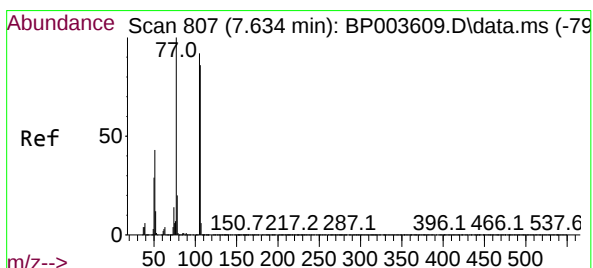
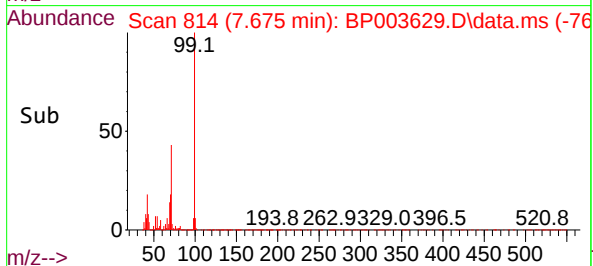
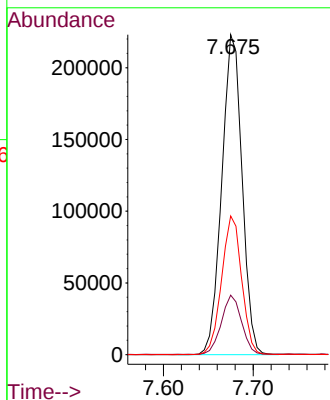
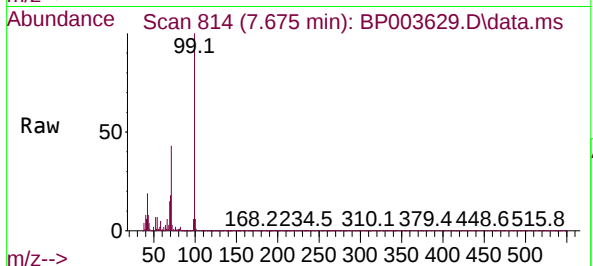




#7
Phenol-d6
Concen: 47.83 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

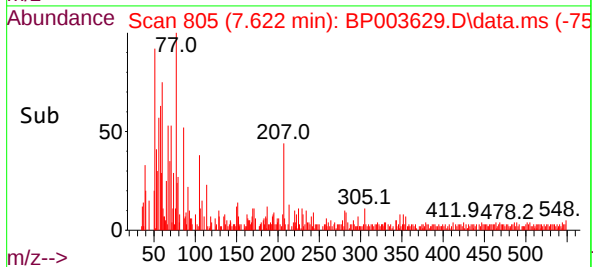
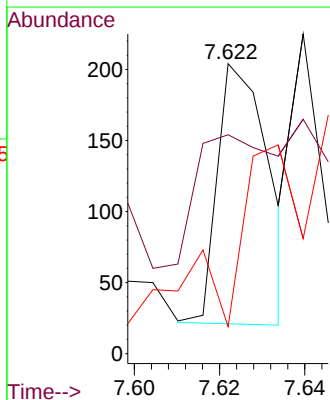
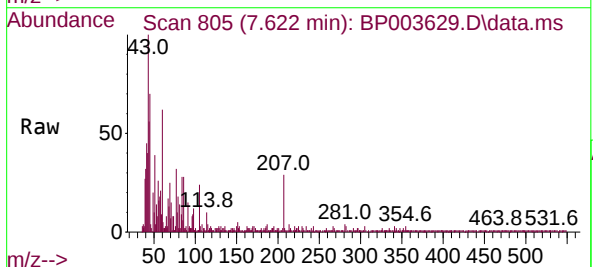
Instrument :
BNA_P
ClientSampled :
WP-1

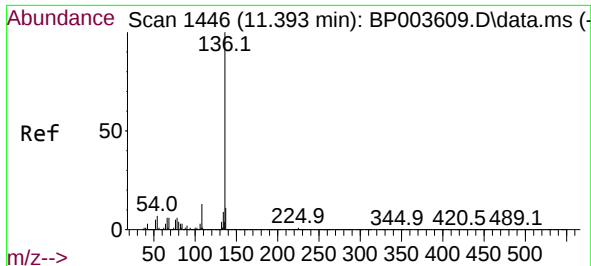
Tgt Ion: 99 Resp: 350396
Ion Ratio Lower Upper
99 100
42 18.6 8.6 13.0#
71 43.4 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion: 77 Resp: 154
Ion Ratio Lower Upper
77 100
105 75.5 97.1 137.1#
106 9.3 93.7 133.7#

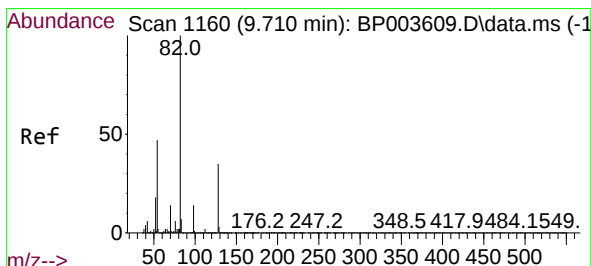
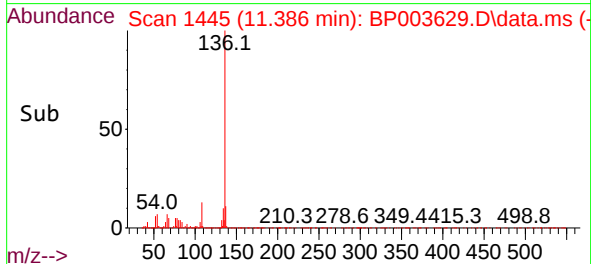
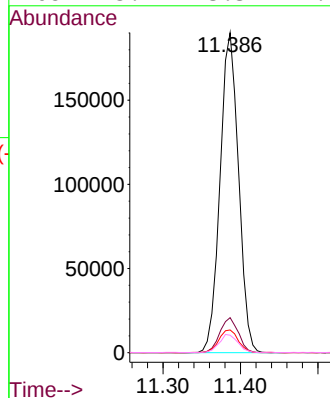
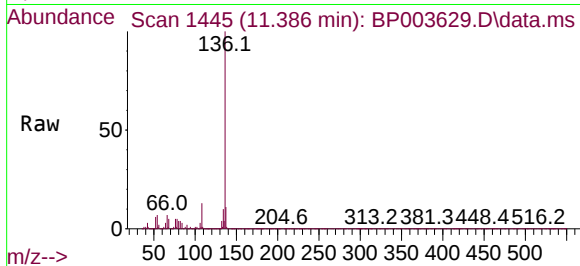




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.386 min Scan# 1445
Delta R.T. -0.007 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

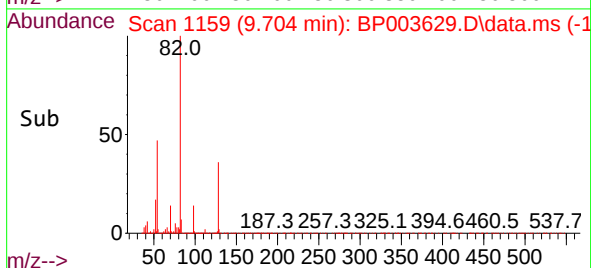
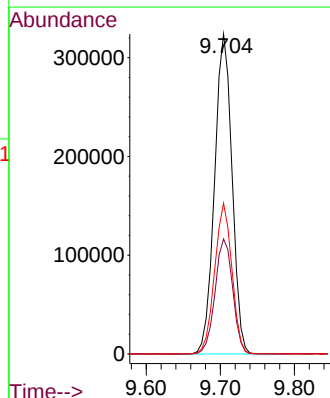
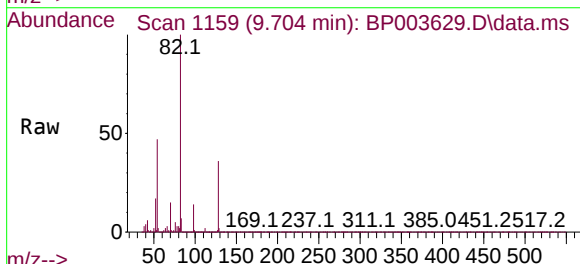
Instrument :
BNA_P
ClientSampleId :
WP-1

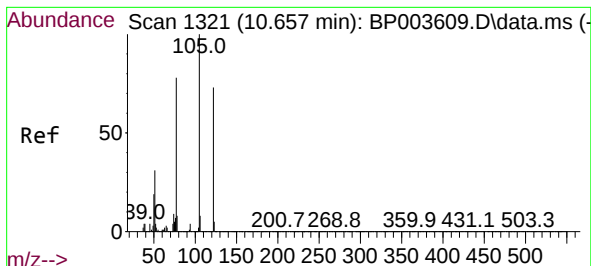
Tgt Ion:	136	Resp:	315245
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	7.1	3.6	5.4#
68	5.4	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 77.99 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:	82	Resp:	530294
Ion Ratio	Lower	Upper	
82	100		
128	36.0	45.6	68.4#
54	47.1	30.1	45.1#

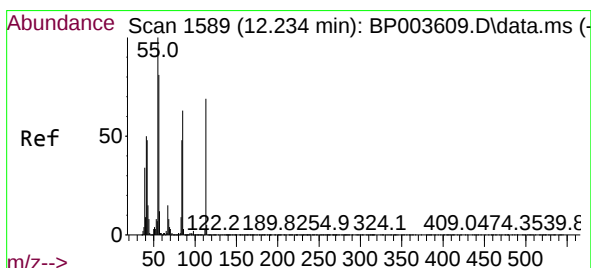
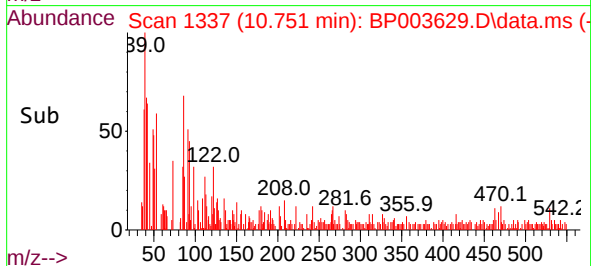
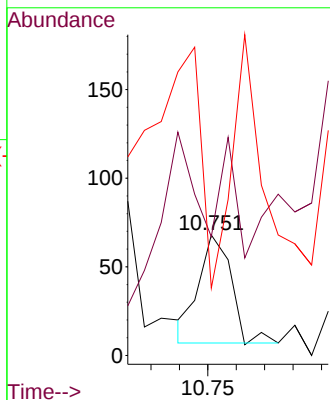
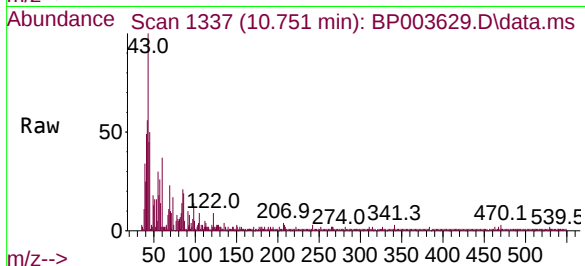




#32
Benzoic acid
Concen: 6.43 ng
RT: 10.751 min Scan# 1337
Delta R.T. 0.094 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

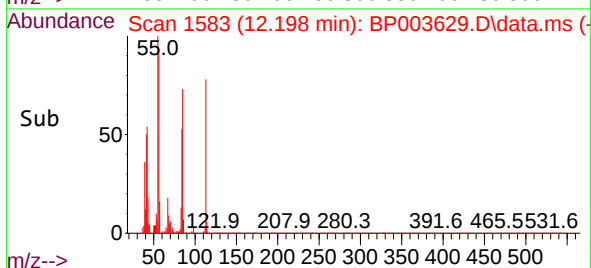
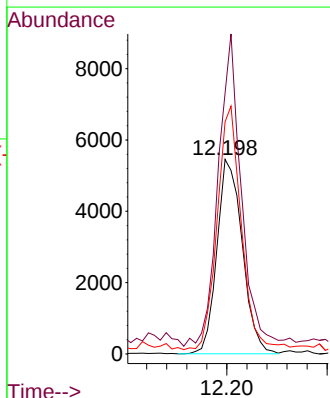
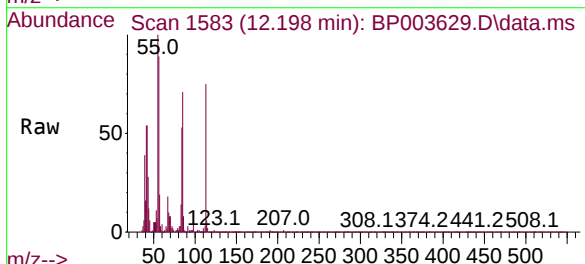
Instrument :
BNA_P
ClientSampleId :
WP-1

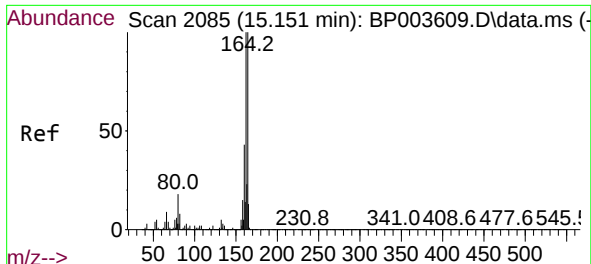
Tgt Ion:	122	Resp:	48
Ion	Ratio	Lower	Upper
122	100		
105	98.5	94.1	134.1
77	55.9	50.1	90.1



#35
Caprolactam
Concen: 5.78 ng
RT: 12.198 min Scan# 1583
Delta R.T. -0.035 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:	113	Resp:	9554
Ion	Ratio	Lower	Upper
113	100		
55	134.1	77.3	117.3#
56	119.4	55.9	95.9#

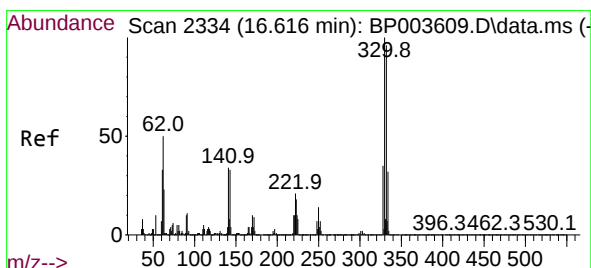
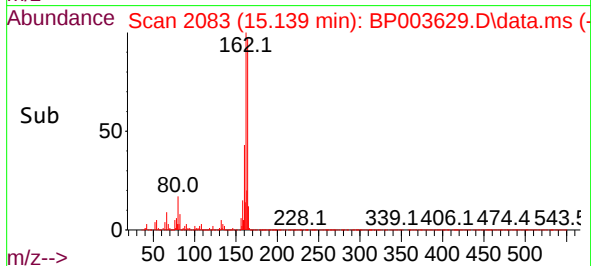
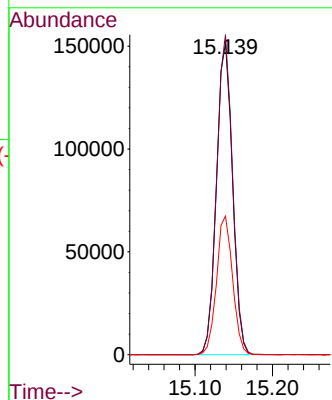
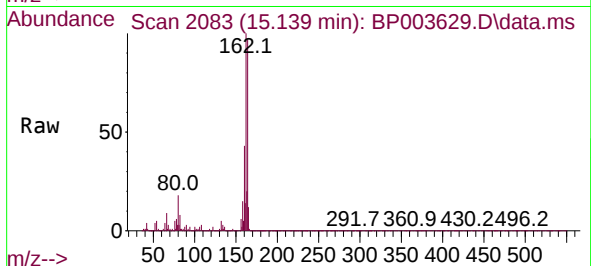




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

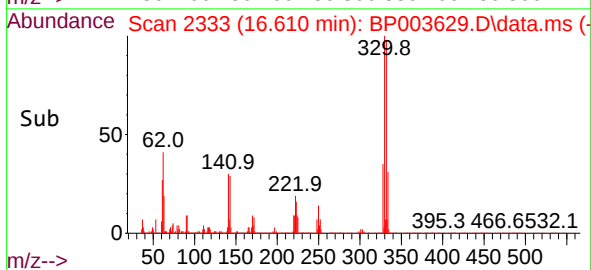
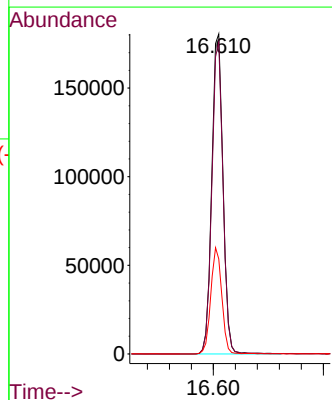
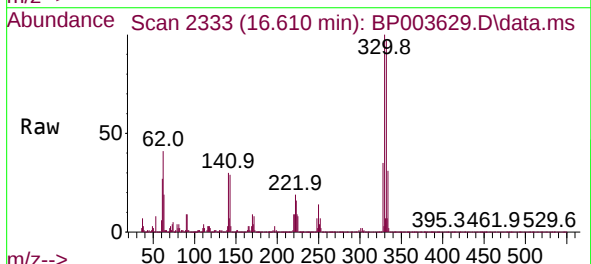
Instrument :
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ClientSampleId :
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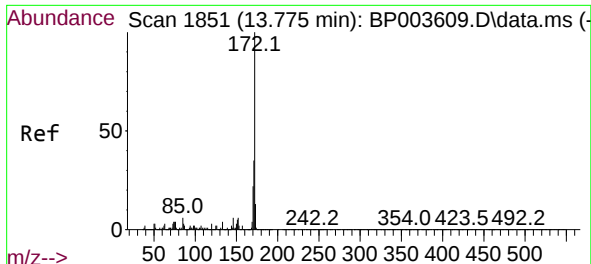
Tgt Ion:164 Resp: 217970
Ion Ratio Lower Upper
164 100
162 102.7 79.4 119.2
160 44.5 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 88.06 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:330 Resp: 255925
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.5 23.4 35.2



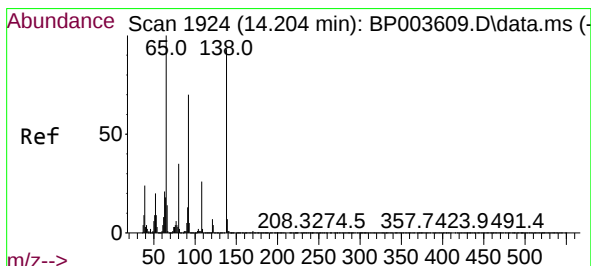
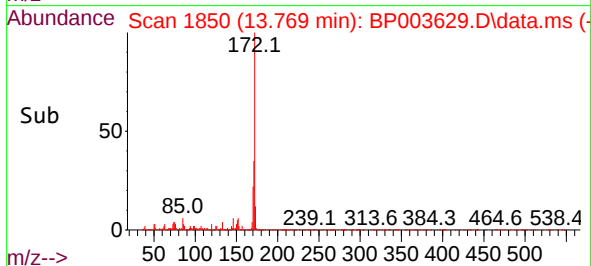
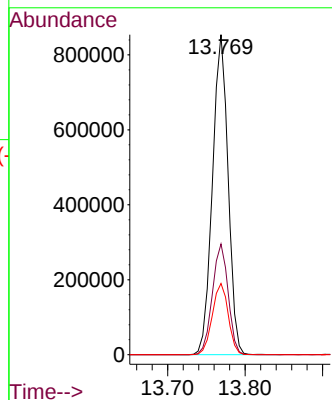
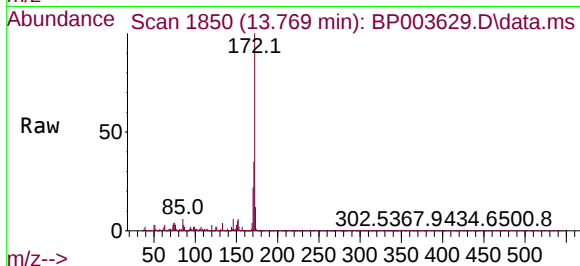


#45
2-Fluorobiphenyl
Concen: 71.83 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Instrument :
BNA_P
ClientSampleId :
WP-1

Tgt Ion:172 Resp: 1193365

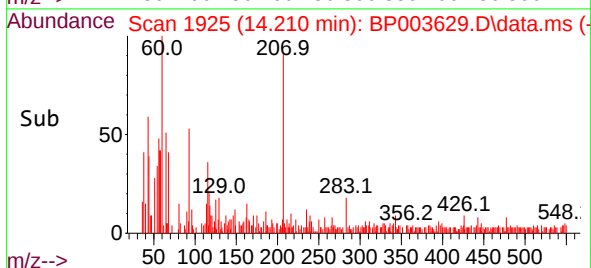
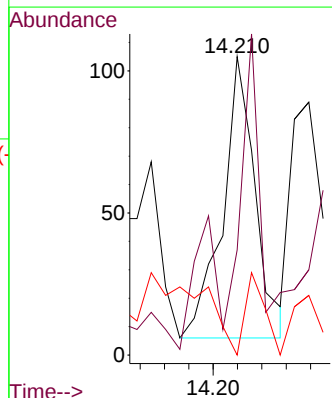
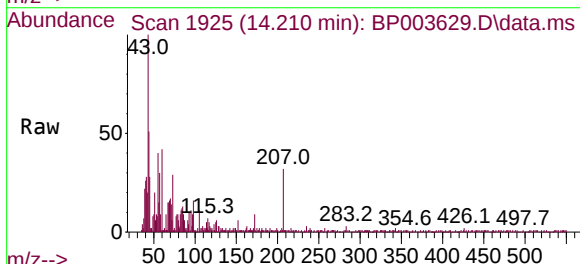
Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	22.3	19.2	28.8

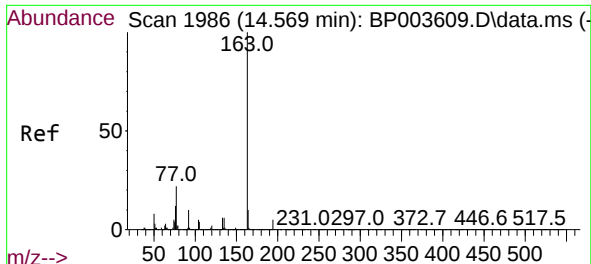


#48
2-Nitroaniline
Concen: 4.20 ng
RT: 14.210 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion: 65 Resp: 92

Ion	Ratio	Lower	Upper
65	100		
92	35.2	70.6	106.0#
138	0.0	133.6	200.4#

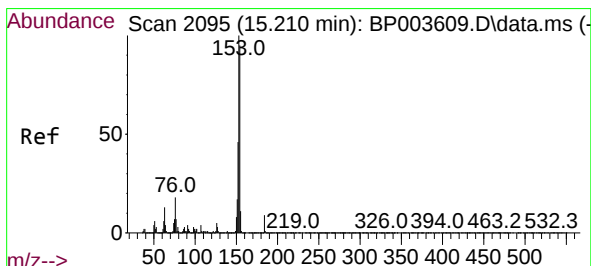
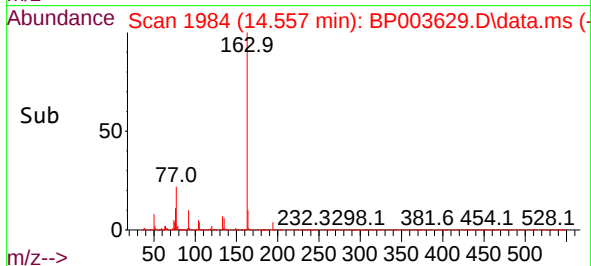
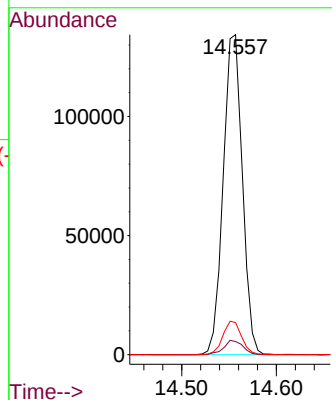
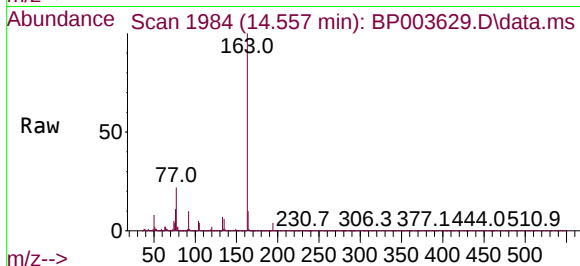




#50
Dimethylphthalate
Concen: 10.56 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

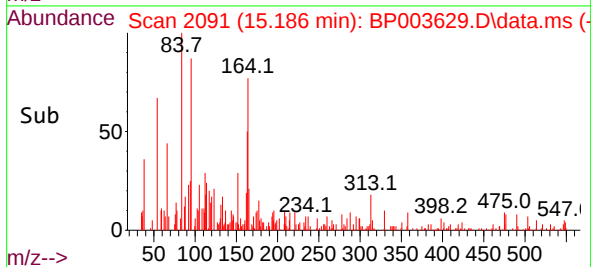
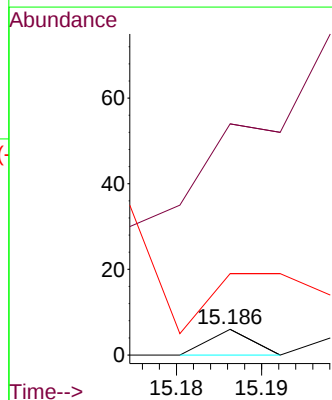
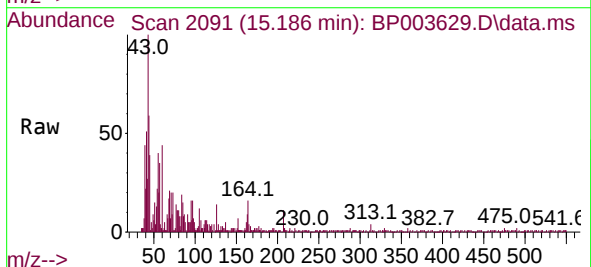
Instrument :
BNA_P
ClientSampleId :
WP-1

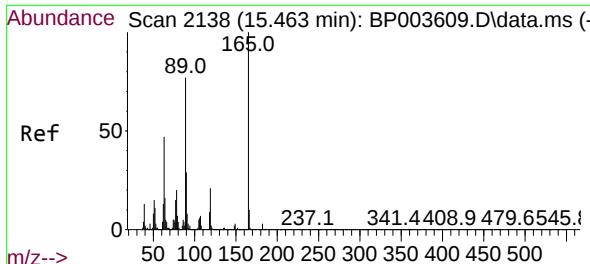
Tgt Ion:163 Resp: 188918
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.11 ng
RT: 15.186 min Scan# 2091
Delta R.T. -0.024 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:184 Resp: 2
Ion Ratio Lower Upper
184 100
63 1150.0 32.3 48.5#
154 316.7 49.1 73.7#

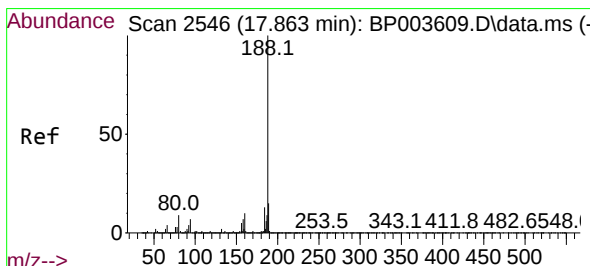
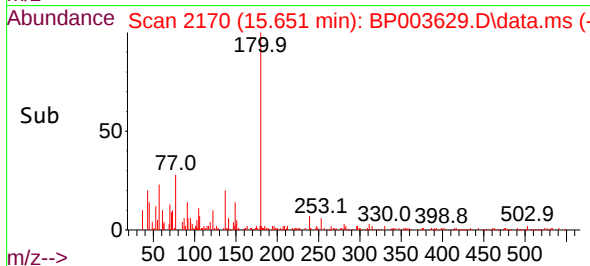
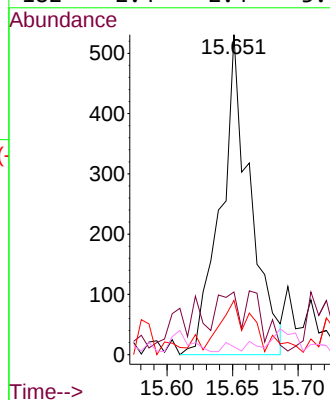
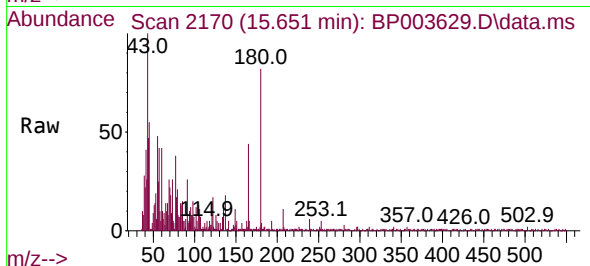




#57
2,4-Dinitrotoluene
Concen: 3.72 ng
RT: 15.651 min Scan# 2170
Delta R.T. 0.188 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

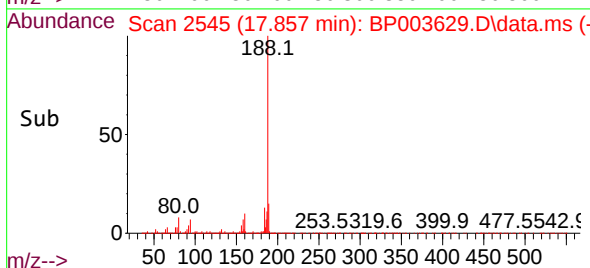
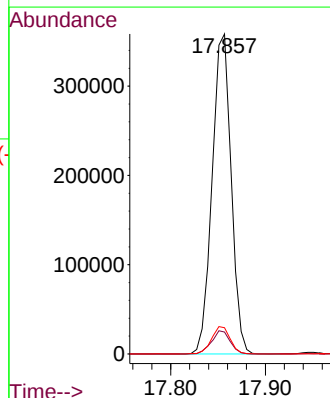
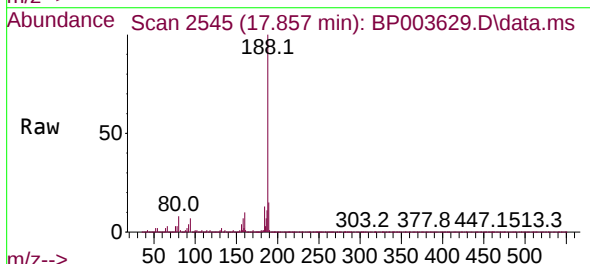
Instrument :
BNA_P
ClientSampleId :
WP-1

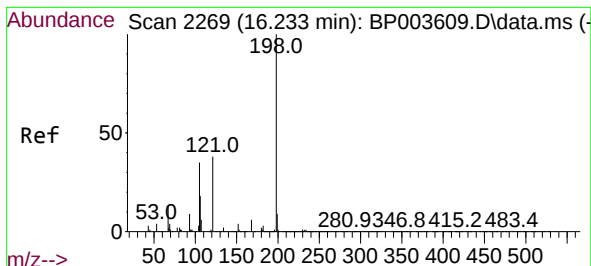
Tgt Ion:	165	Resp:	823
Ion	Ratio	Lower	Upper
165	100		
63	19.6	20.6	31.0#
89	16.9	42.6	63.8#
182	2.4	2.4	3.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:	188	Resp:	498828
Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.2	9.2
80	8.2	6.2	9.2

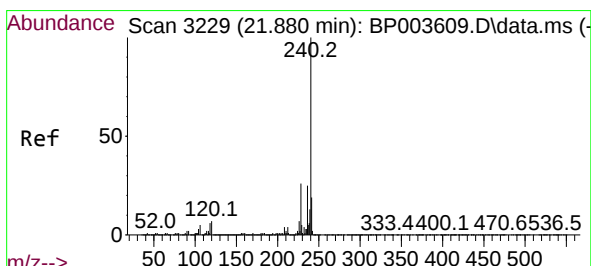
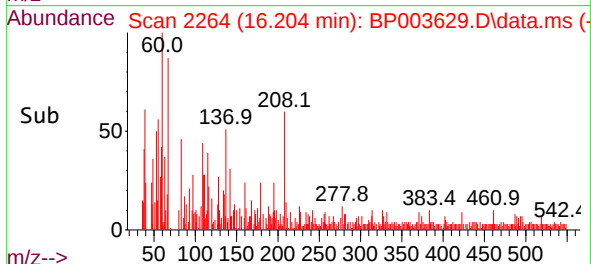
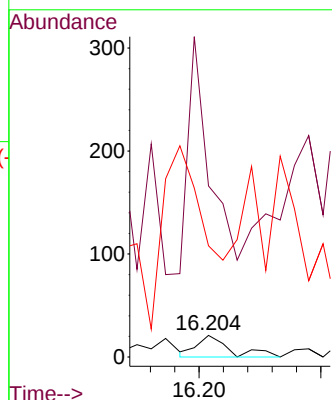
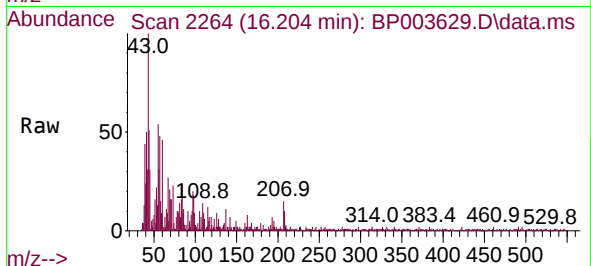




#65
4,6-Dinitro-2-methylphenol
Concen: 7.38 ng
RT: 16.204 min Scan# 2264
Delta R.T. -0.029 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

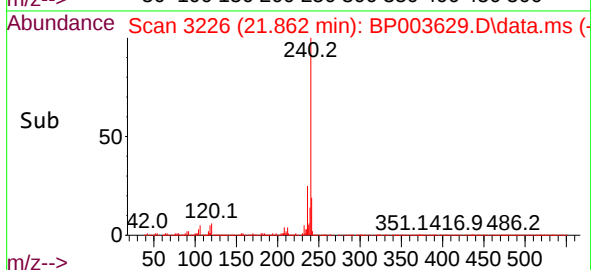
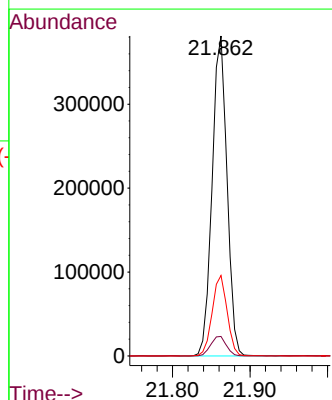
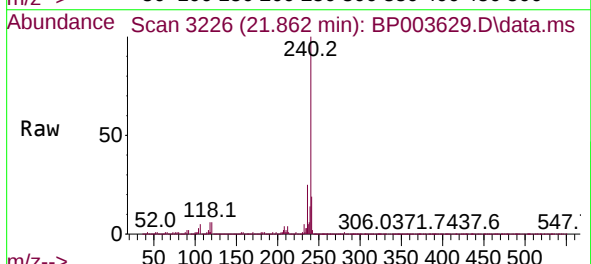
Instrument :
BNA_P
ClientSampleId :
WP-1

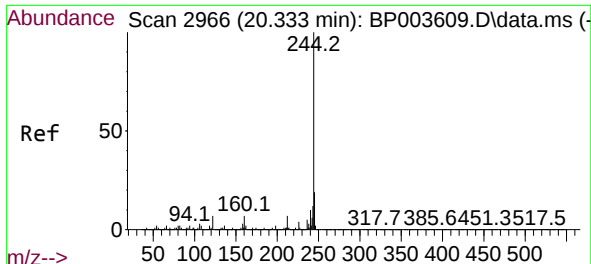
Tgt Ion:198 Resp: 20
Ion Ratio Lower Upper
198 100
51 790.5 6.4 46.4#
105 514.3 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.862 min Scan# 3226
Delta R.T. -0.018 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:240 Resp: 508489
Ion Ratio Lower Upper
240 100
120 6.1 7.8 11.6#
236 25.1 20.8 31.2

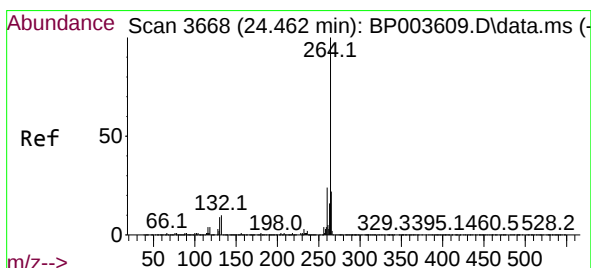
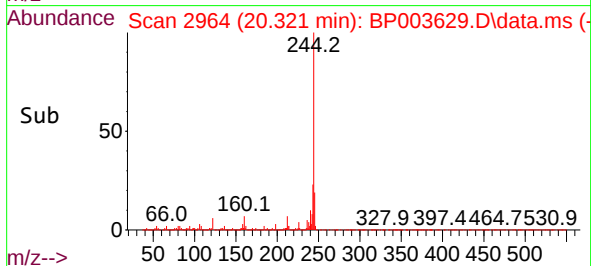
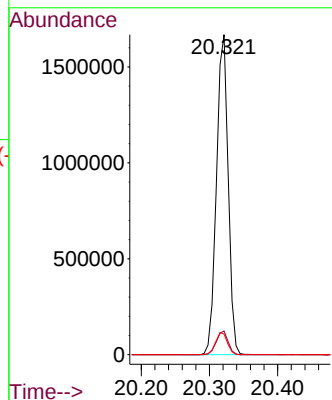
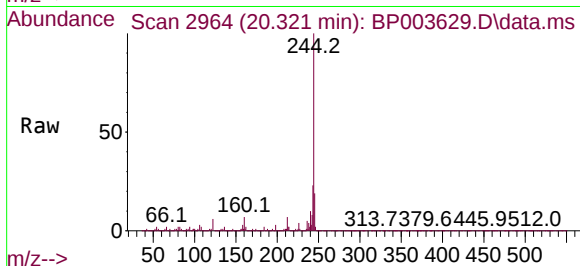




#79
Terphenyl-d14
Concen: 70.85 ng
RT: 20.321 min Scan# 2964
Delta R.T. -0.012 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Instrument :
BNA_P
ClientSampleId :
WP-1

Tgt Ion:244 Resp: 1991152
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 6.5 7.8 11.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.439 min Scan# 3664
Delta R.T. -0.024 min
Lab File: BP003629.D
Acq: 15 Oct 2020 17:59

Tgt Ion:264 Resp: 510830
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.3 17.4 26.2

