

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
 Data File : BP003631.D
 Acq On : 15 Oct 2020 19:07
 Operator : CG/JU
 Sample : L4403-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SHELL-L15-L14-NORTH

Quant Time: Oct 16 00:23:49 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)

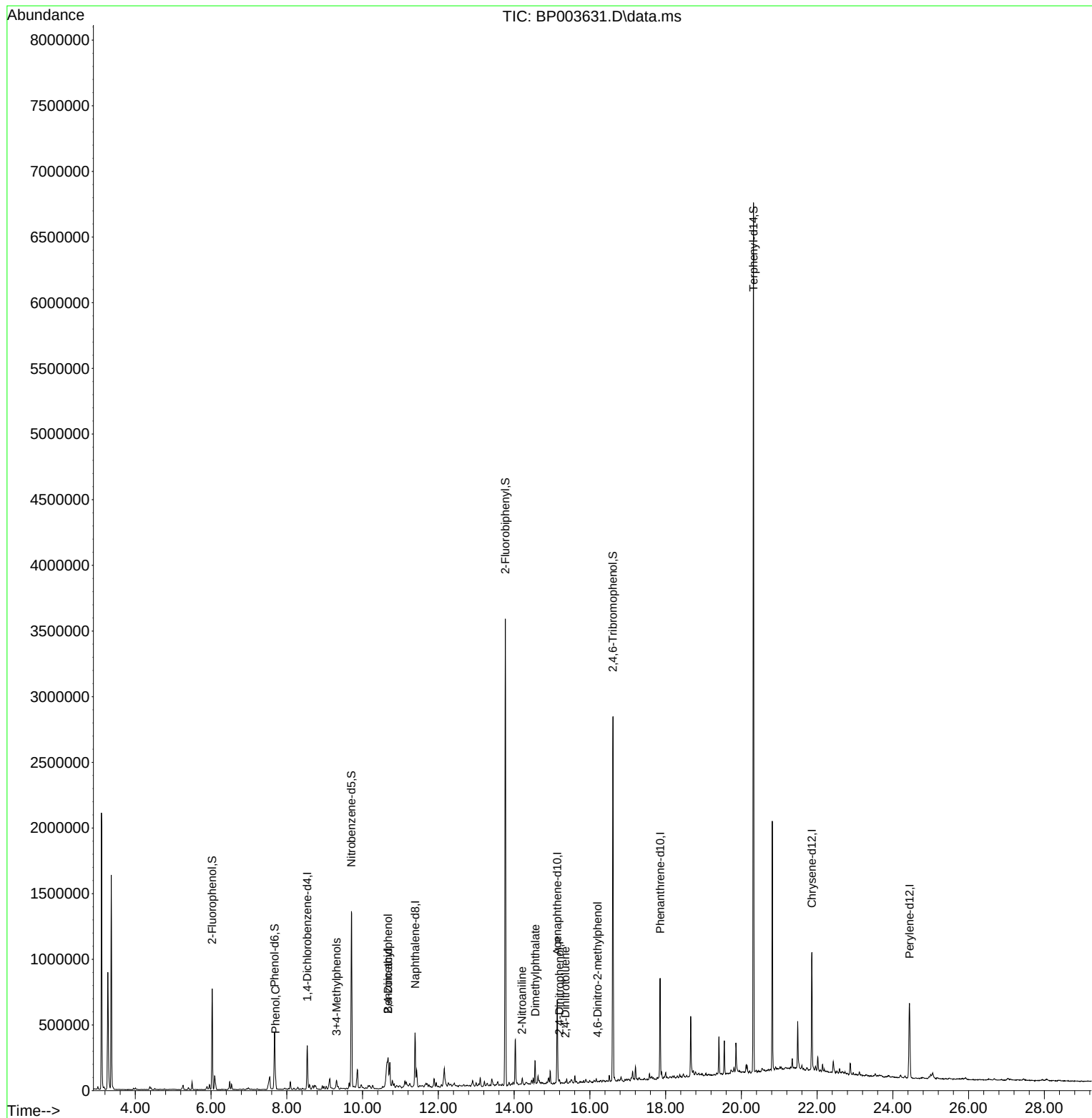
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	84274	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	319822	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	212152	20.00	ng	-0.01
64) Phenanthrene-d10	17.857	188	457996	20.00	ng	0.00
76) Chrysene-d12	21.863	240	459273	20.00	ng	#-0.02
86) Perylene-d12	24.439	264	476878	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	297467	60.68	ng	0.00
7) Phenol-d6	7.675	99	227084	31.80	ng	0.00
23) Nitrobenzene-d5	9.704	82	803125	116.43	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	521024	184.20	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	1733256	107.18	ng	0.00
79) Terphenyl-d14	20.321	244	2692089	106.05	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	7.628	77	1539	Below Cal	#	72
10) Phenol	7.704	94	39364	5.71 ng		77
20) 3+4-Methylphenols	9.310	107	26439	4.25 ng		86
27) 2,4-Dimethylphenol	10.669	122	133980	31.58 ng	#	7
32) Benzoic acid	10.669	122	138969	58.91 ng	#	62
48) 2-Nitroaniline	14.210	65	978	4.41 ng	#	16
50) Dimethylphthalate	14.557	163	113670	6.53 ng	#	99
54) 2,4-Dinitrophenol	15.198	184	119	2.23 ng	#	1
57) 2,4-Dinitrotoluene	15.357	165	482	3.66 ng	#	47
65) 4,6-Dinitro-2-methylph...	16.204	198	219	7.47 ng	#	1

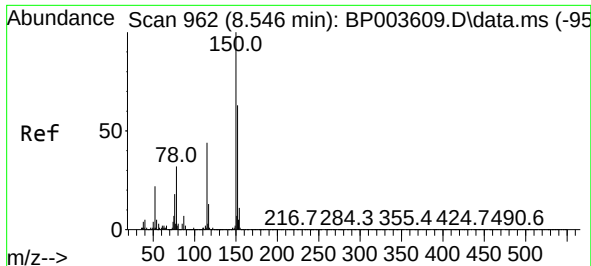
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101520\
Data File : BP003631.D
Acq On : 15 Oct 2020 19:07
Operator : CG/JU
Sample : L4403-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

Quant Time: Oct 16 00:23:49 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

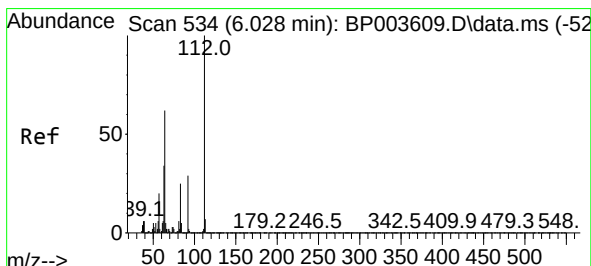
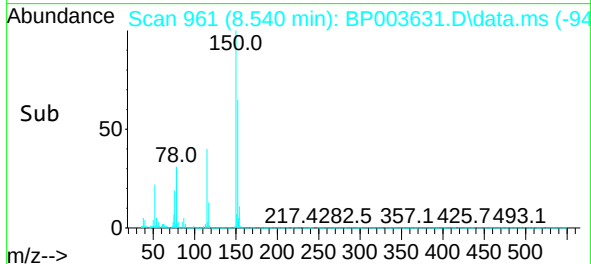
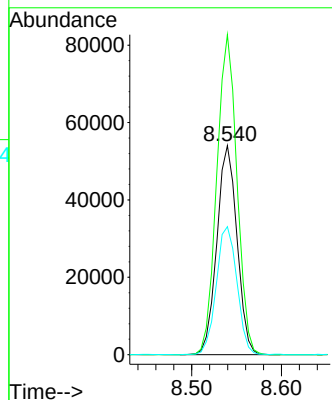
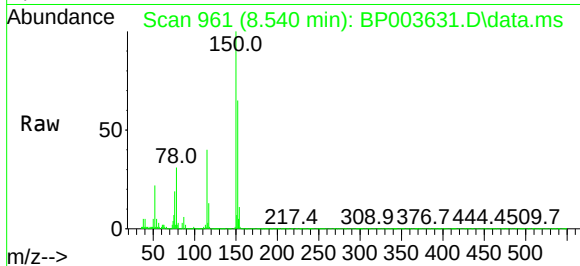




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

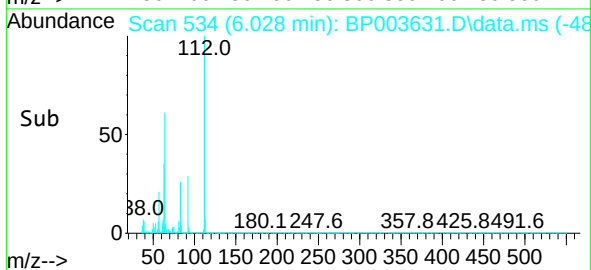
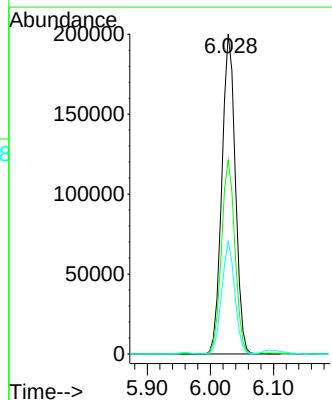
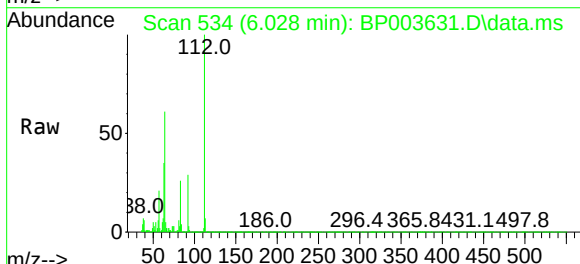
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

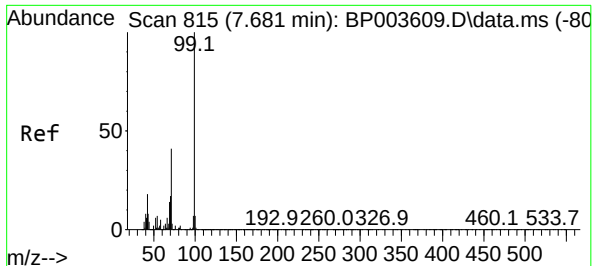
Tgt Ion:152 Resp: 84274
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 61.2 43.8 65.6



#5
2-Fluorophenol
Concen: 60.68 ng
RT: 6.028 min Scan# 534
Delta R.T. -0.000 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:112 Resp: 297467
Ion Ratio Lower Upper
112 100
64 60.6 32.8 49.2#
63 35.1 17.0 25.4#

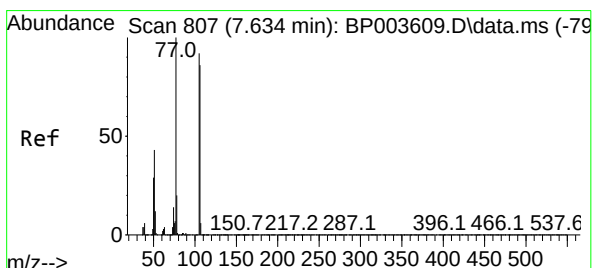
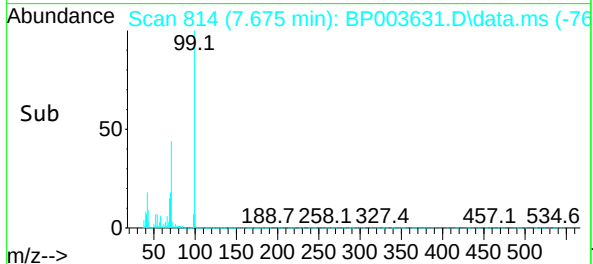
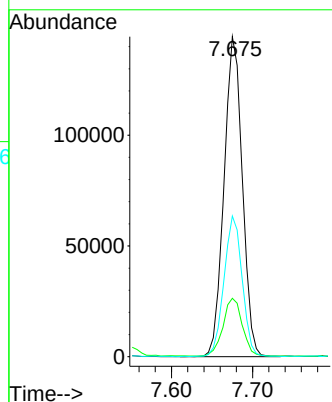
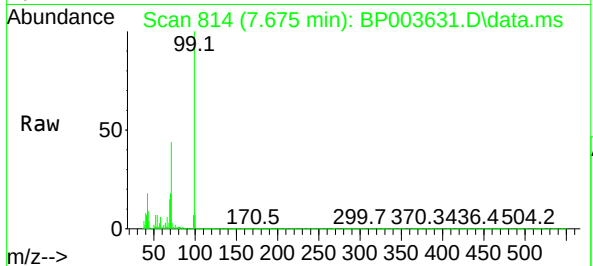




#7
Phenol-d6
Concen: 31.80 ng
RT: 7.675 min Scan# 814
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

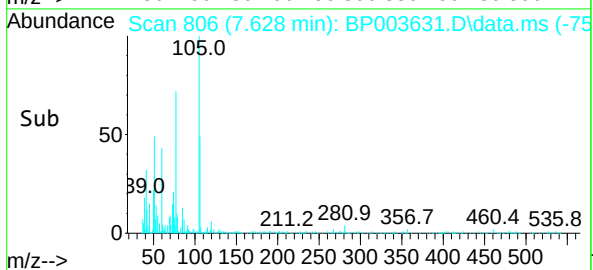
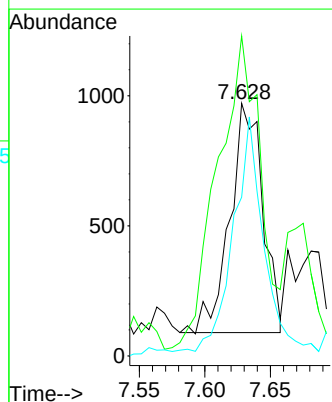
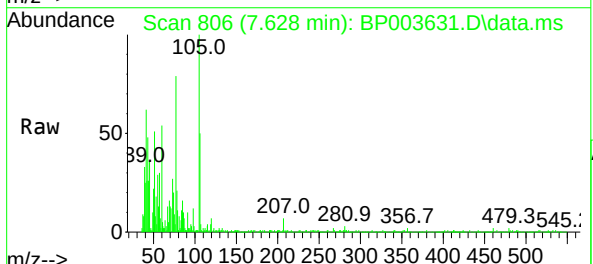
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

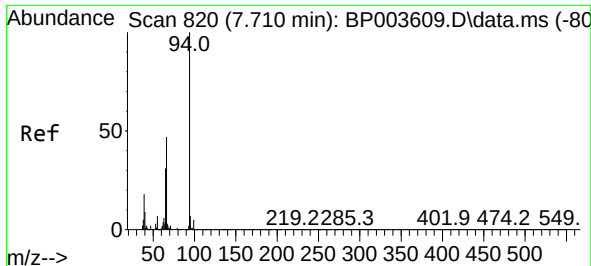
Tgt Ion: 99 Resp: 227084
Ion Ratio Lower Upper
99 100
42 18.3 8.6 13.0#
71 44.0 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.628 min Scan# 806
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 77 Resp: 1539
Ion Ratio Lower Upper
77 100
105 126.7 97.1 137.1
106 62.8 93.7 133.7#

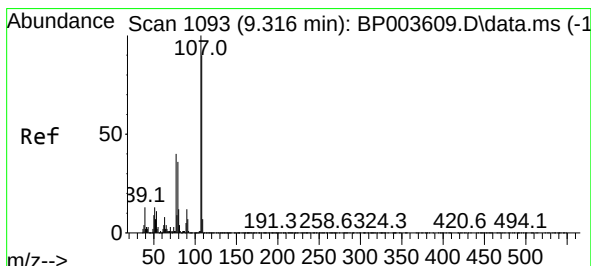
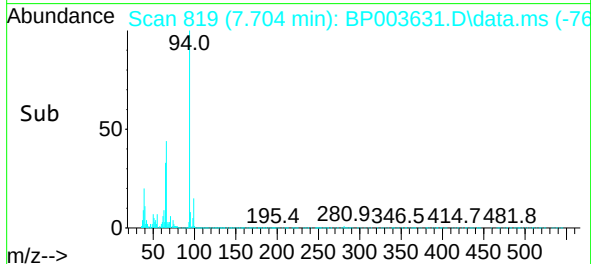
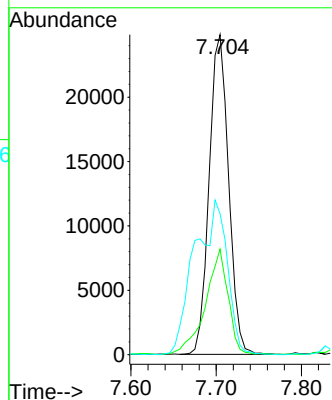
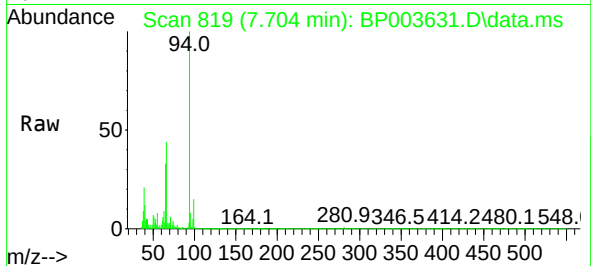




#10
Phenol
Concen: 5.71 ng
RT: 7.704 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

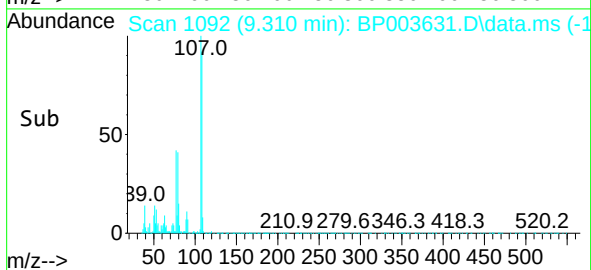
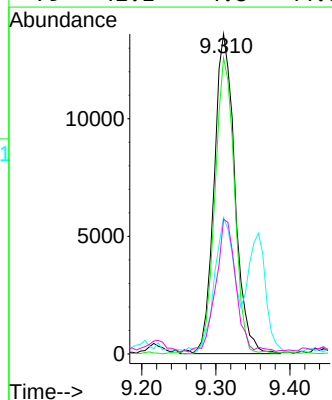
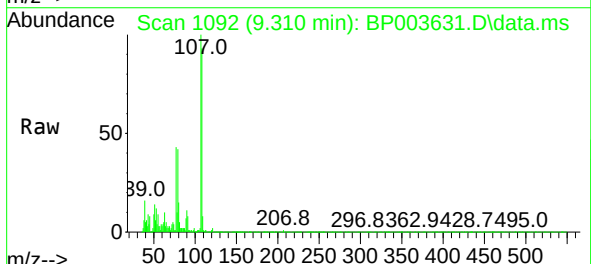
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

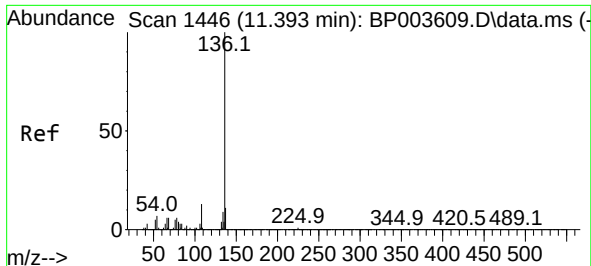
Tgt Ion: 94 Resp: 39364
Ion Ratio Lower Upper
94 100
65 33.0 2.3 42.3
66 44.0 10.9 50.9



#20
3+4-Methylphenols
Concen: 4.25 ng
RT: 9.310 min Scan# 1092
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion: 107 Resp: 26439
Ion Ratio Lower Upper
107 100
108 92.5 69.0 109.0
77 42.6 8.5 48.5
79 42.1 4.8 44.8

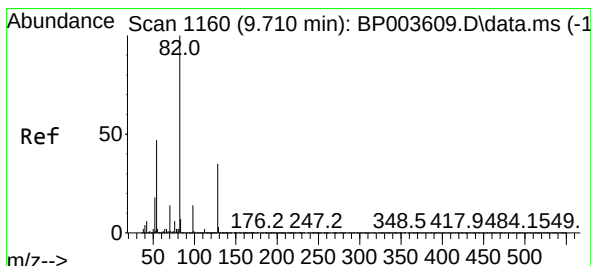
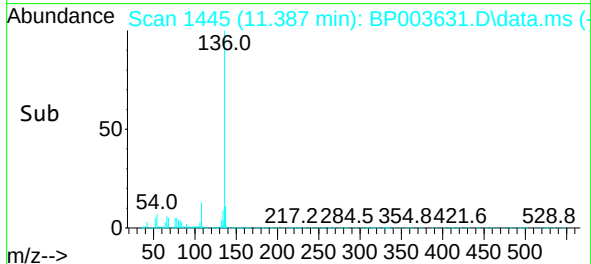
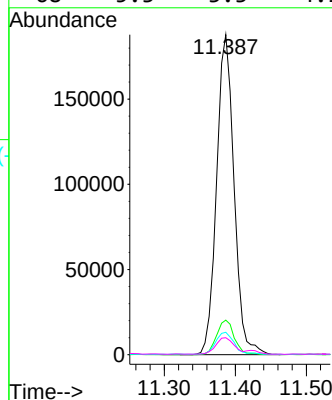
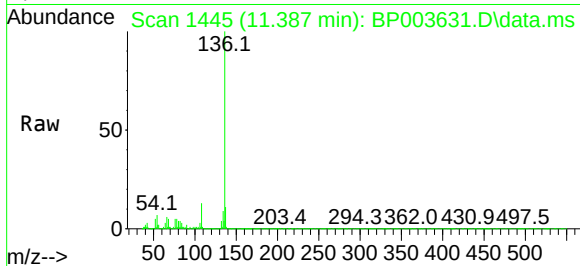




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

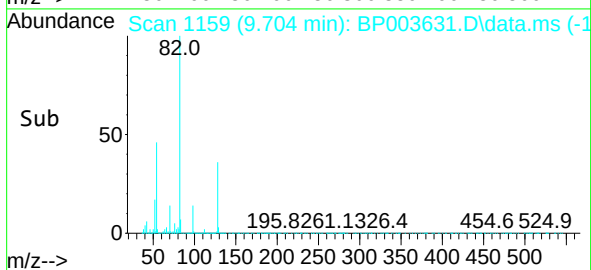
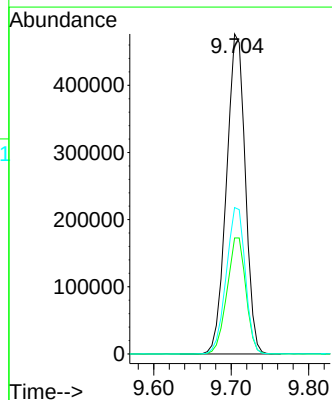
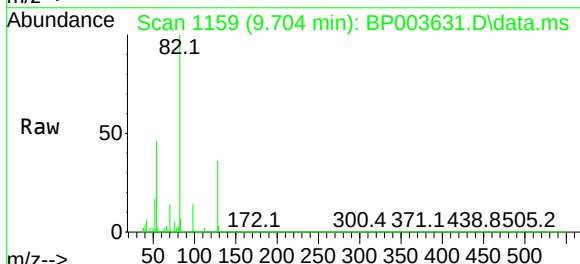
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

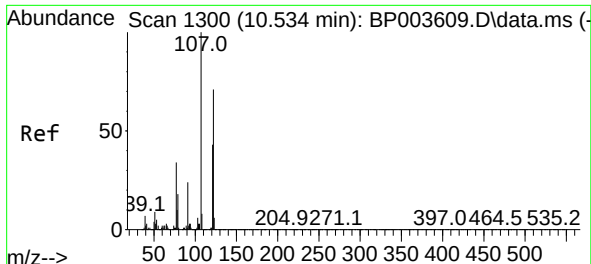
Tgt Ion:	136	Resp:	319822
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	7.0	3.6	5.4#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 116.43 ng
RT: 9.704 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:	82	Resp:	803125
Ion Ratio	Lower	Upper	
82	100		
128	36.2	45.6	68.4#
54	45.7	30.1	45.1#

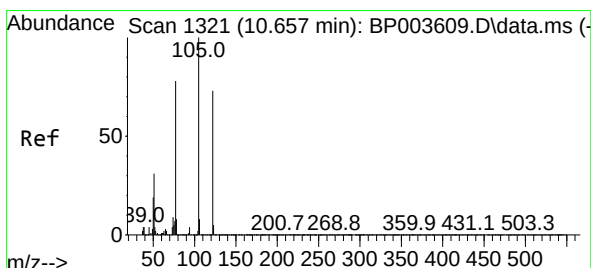
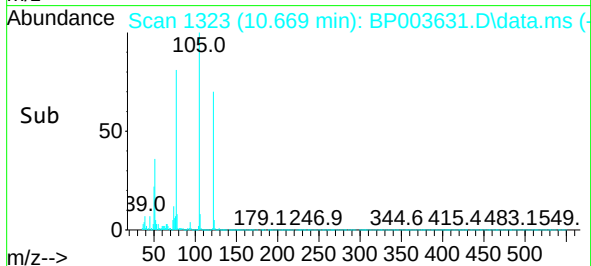
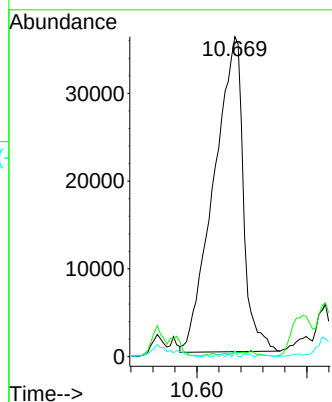
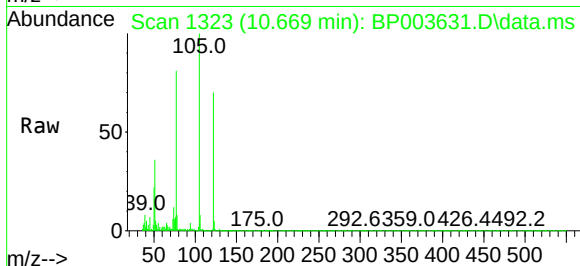




#27
2,4-Dimethylphenol
Concen: 31.58 ng
RT: 10.669 min Scan# 1323
Delta R.T. 0.135 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

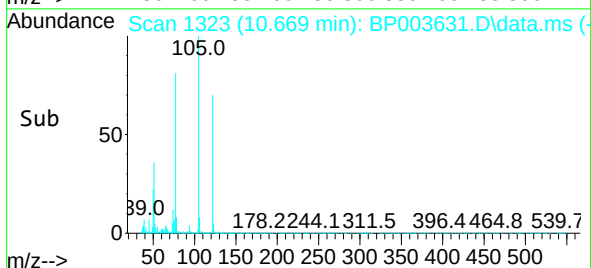
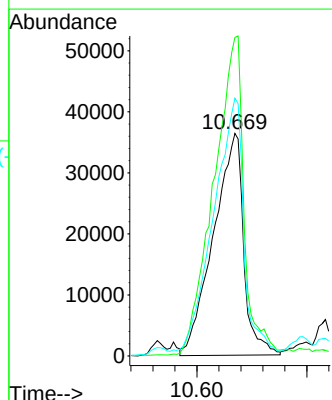
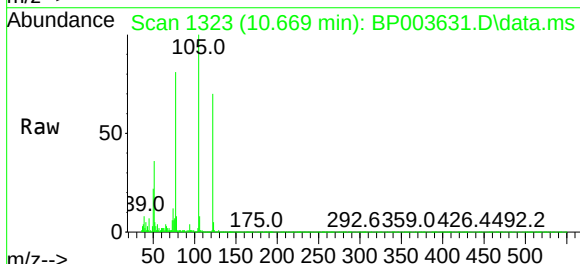
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

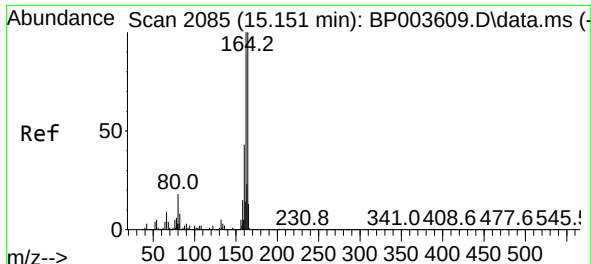
Tgt Ion:122 Resp: 133980
Ion Ratio Lower Upper
122 100
107 1.5 87.3 130.9#
121 1.7 47.3 70.9#



#32
Benzoic acid
Concen: 58.91 ng
RT: 10.669 min Scan# 1323
Delta R.T. 0.012 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:122 Resp: 138969
Ion Ratio Lower Upper
122 100
105 143.1 94.1 134.1#
77 115.9 50.1 90.1#

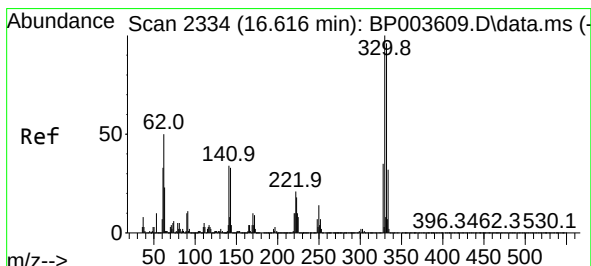
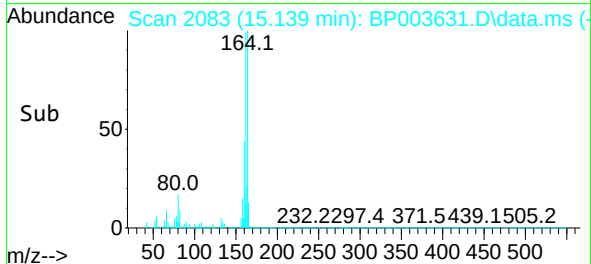
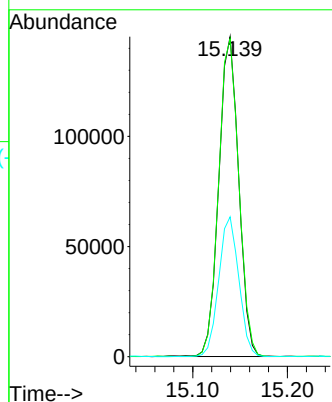
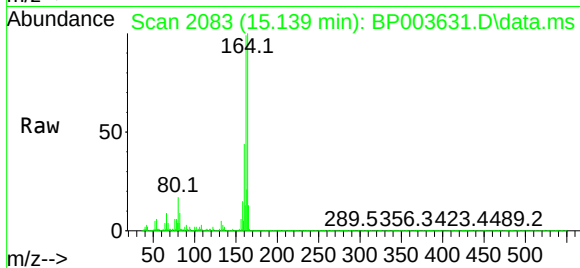




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.012 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

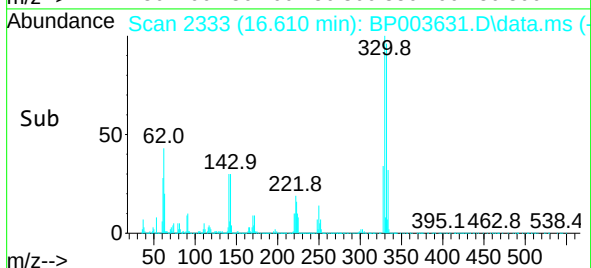
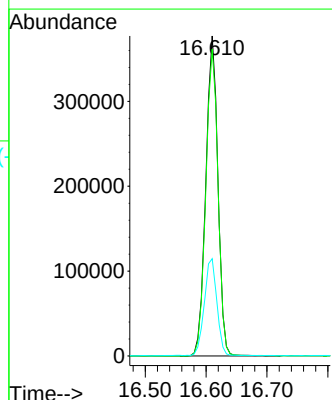
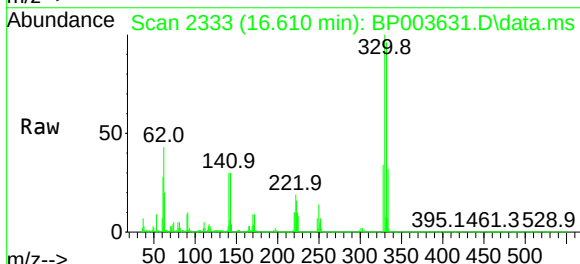
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

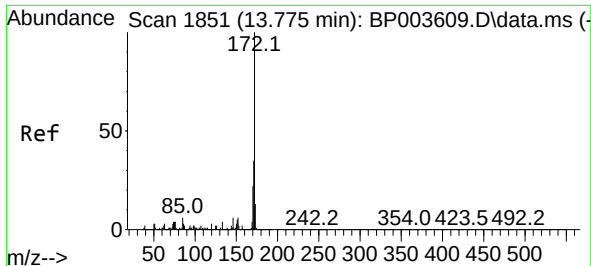
Tgt Ion:164 Resp: 212152
Ion Ratio Lower Upper
164 100
162 99.3 79.4 119.2
160 43.7 36.1 54.1



#42
2,4,6-Tribromophenol
Concen: 184.20 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:330 Resp: 521024
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 31.5 23.4 35.2

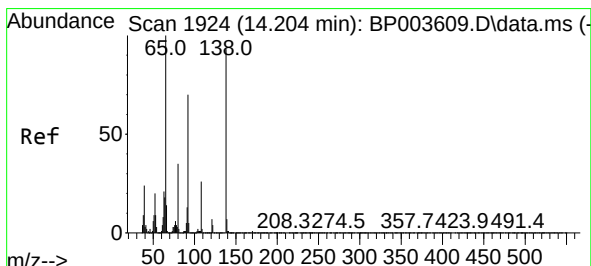
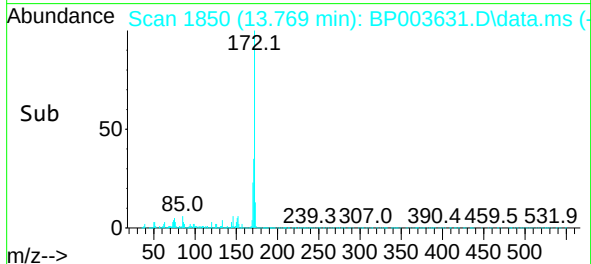
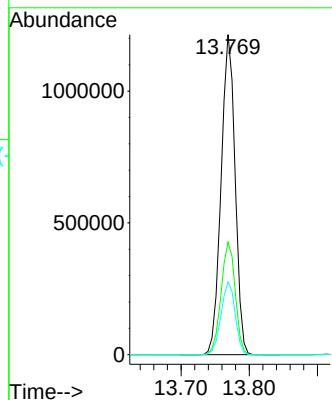
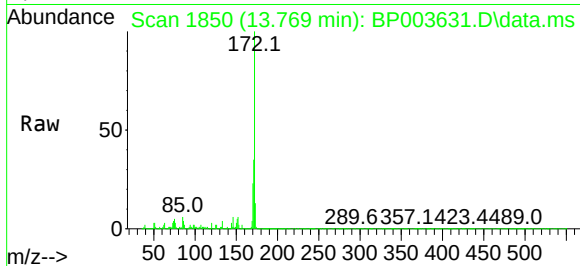




#45
2-Fluorobiphenyl
Concen: 107.18 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

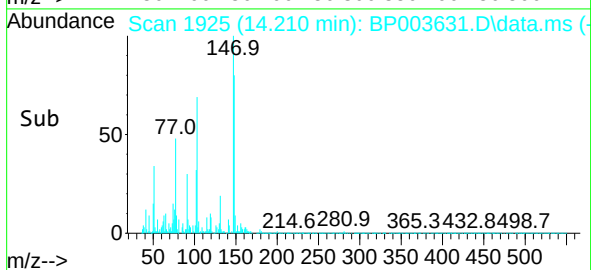
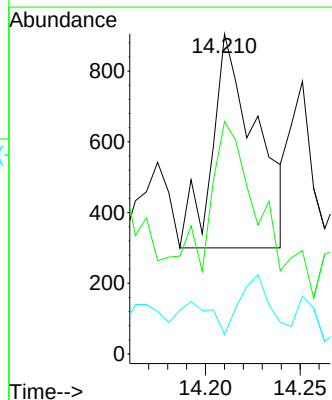
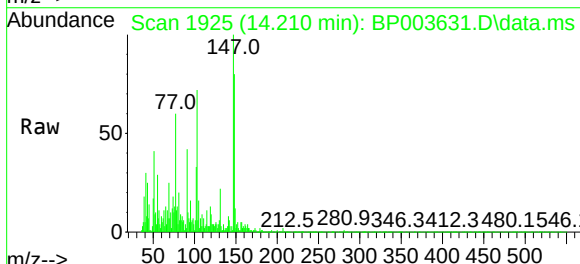
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

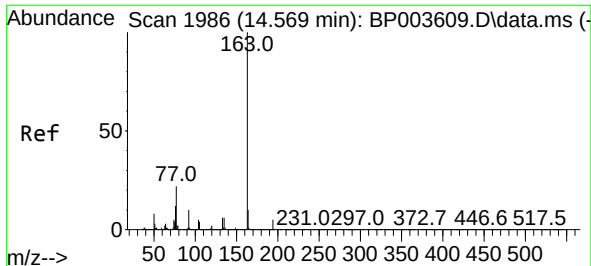
Tgt Ion:	172	Resp:	1733256
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.7	19.2	28.8



#48
2-Nitroaniline
Concen: 4.41 ng
RT: 14.210 min Scan# 1925
Delta R.T. 0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:	65	Resp:	978
Ion	Ratio	Lower	Upper
65	100		
92	72.6	70.6	106.0
138	6.1	133.6	200.4#

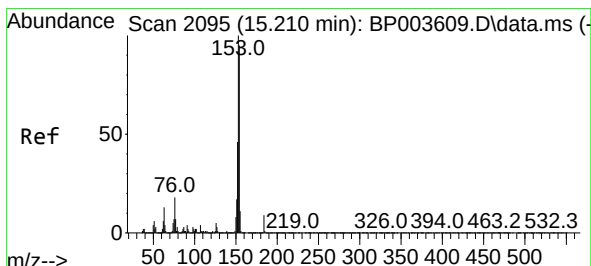
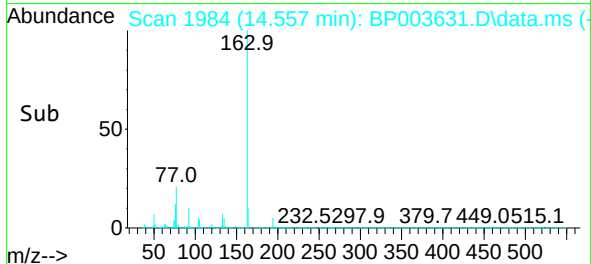
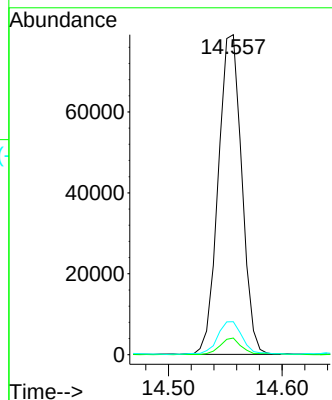
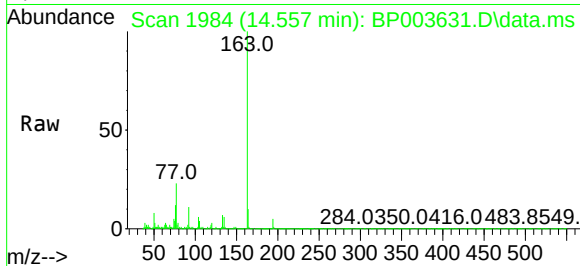




#50
Dimethylphthalate
Concen: 6.53 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.012 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

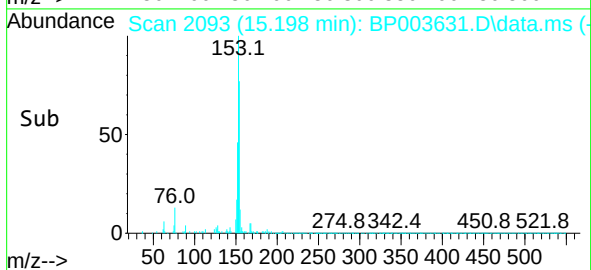
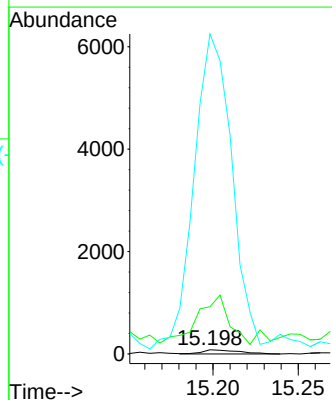
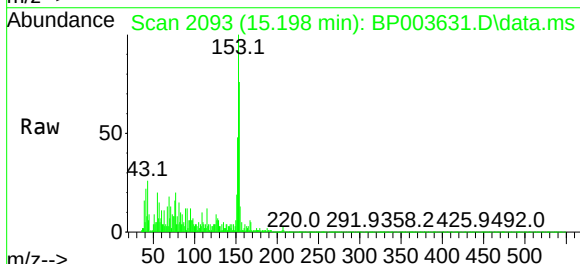
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

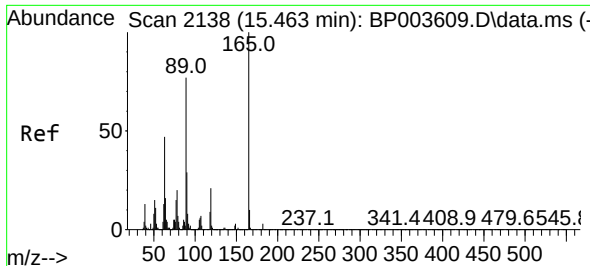
Tgt Ion:163 Resp: 113670
Ion Ratio Lower Upper
163 100
194 5.2 3.3 4.9#
164 10.3 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.23 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 1151.3 32.3 48.5#
154 7813.8 49.1 73.7#

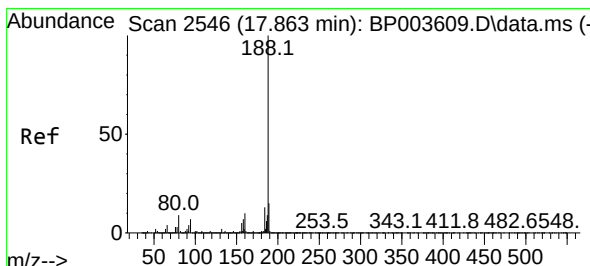
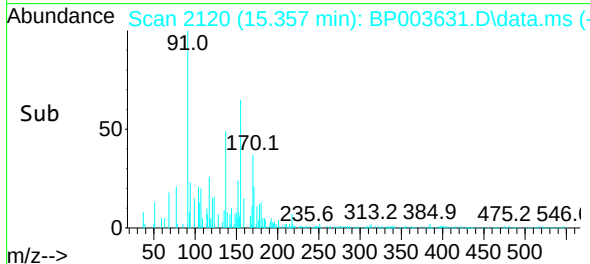
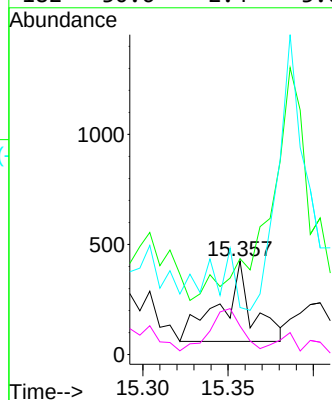
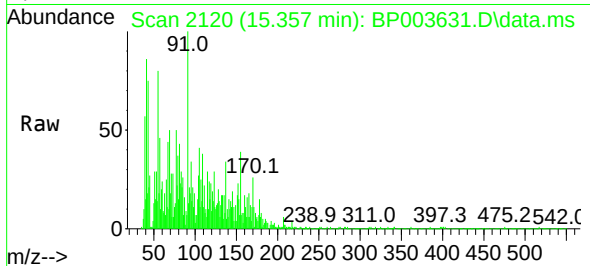




#57
2,4-Dinitrotoluene
Concen: 3.66 ng
RT: 15.357 min Scan# 2120
Delta R.T. -0.106 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

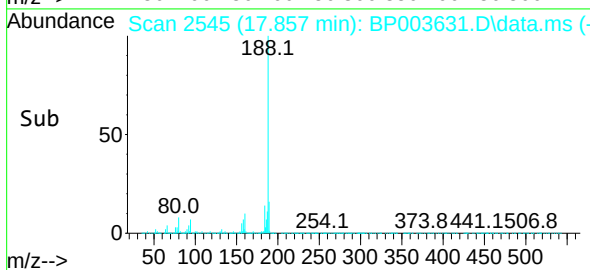
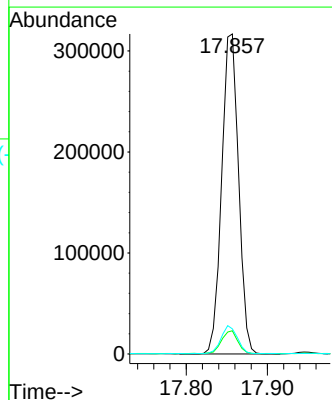
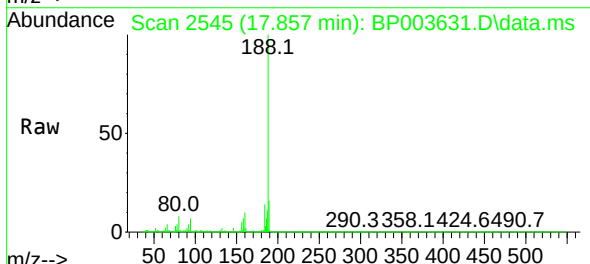
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

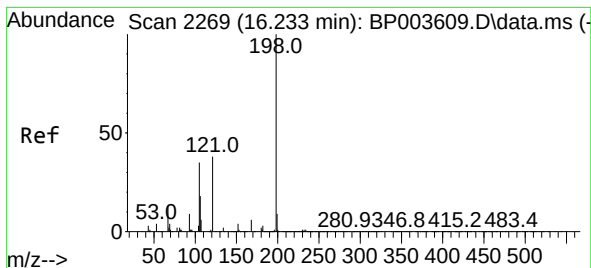
Tgt Ion:165 Resp: 482
Ion Ratio Lower Upper
165 100
63 102.6 20.6 31.0#
89 50.4 42.6 63.8
182 30.6 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. -0.006 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:188 Resp: 457996
Ion Ratio Lower Upper
188 100
94 7.3 6.2 9.2
80 7.9 6.2 9.2

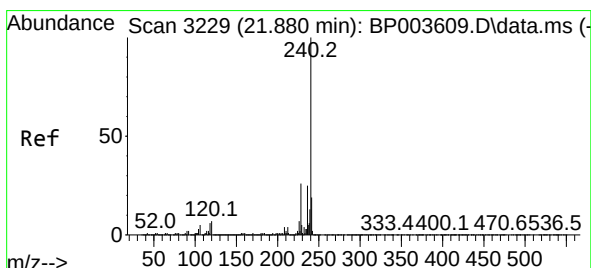
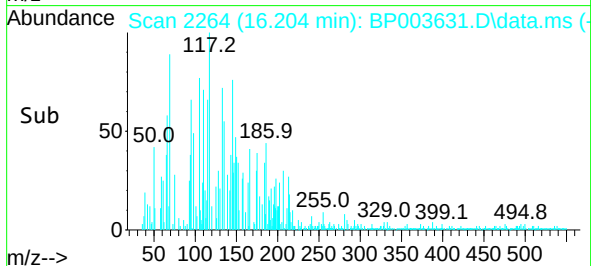
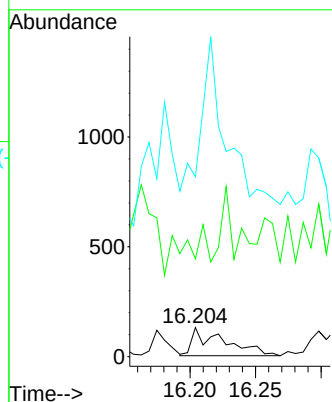
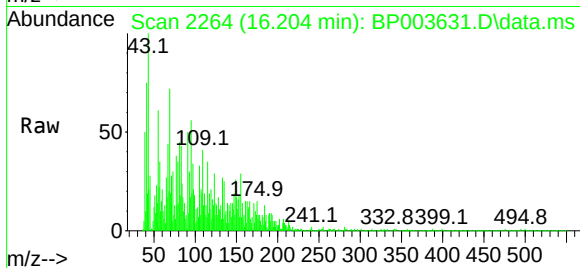




#65
4,6-Dinitro-2-methylphenol
Concen: 7.47 ng
RT: 16.204 min Scan# 2264
Delta R.T. -0.029 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

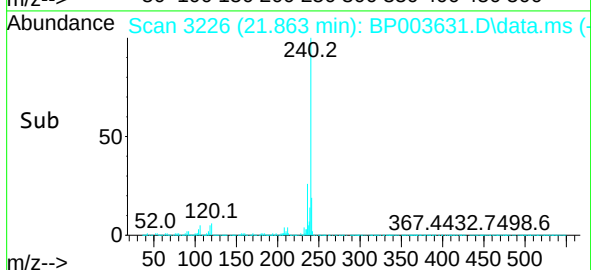
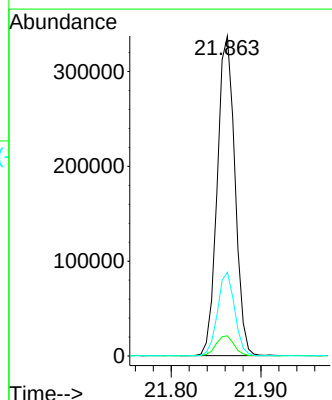
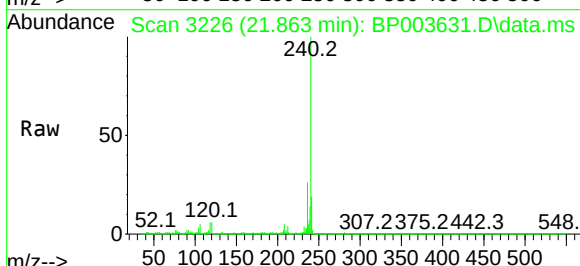
Instrument :
BNA_P
ClientSampleId :
SHELL-L15-L14-NORTH

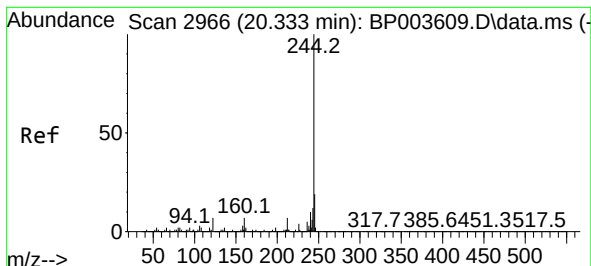
Tgt Ion:198 Resp: 219
Ion Ratio Lower Upper
198 100
51 337.9 6.4 46.4#
105 620.5 18.9 58.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.863 min Scan# 3226
Delta R.T. -0.018 min
Lab File: BP003631.D
Acq: 15 Oct 2020 19:07

Tgt Ion:240 Resp: 459273
Ion Ratio Lower Upper
240 100
120 6.3 7.8 11.6#
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 106.05 ng

RT: 20.321 min Scan# 2964

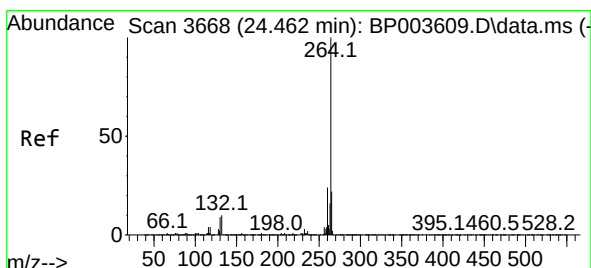
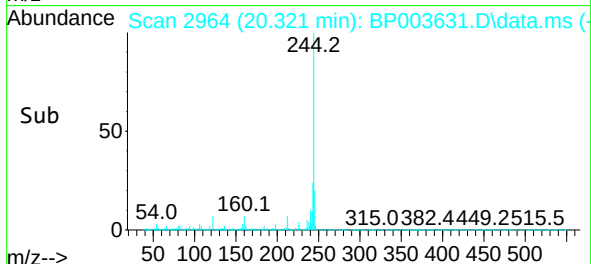
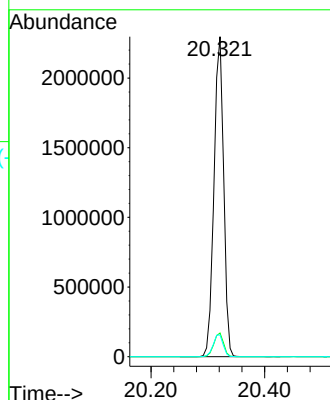
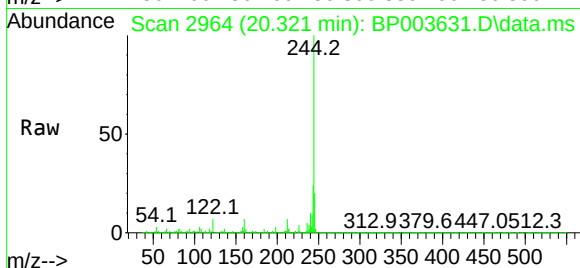
Delta R.T. -0.012 min

Lab File: BP003631.D

Acq: 15 Oct 2020 19:07

Tgt Ion:244 Resp: 2692089

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: 24.439 min Scan# 3664

Delta R.T. -0.024 min

Lab File: BP003631.D

Acq: 15 Oct 2020 19:07

Tgt Ion:264 Resp: 476878

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	21.4	17.4	26.2

