

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101620\
 Data File : BP003647.D
 Acq On : 16 Oct 2020 18:04
 Operator : CG/JU
 Sample : L4412-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 98-02

Quant Time: Oct 17 01:02:35 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)

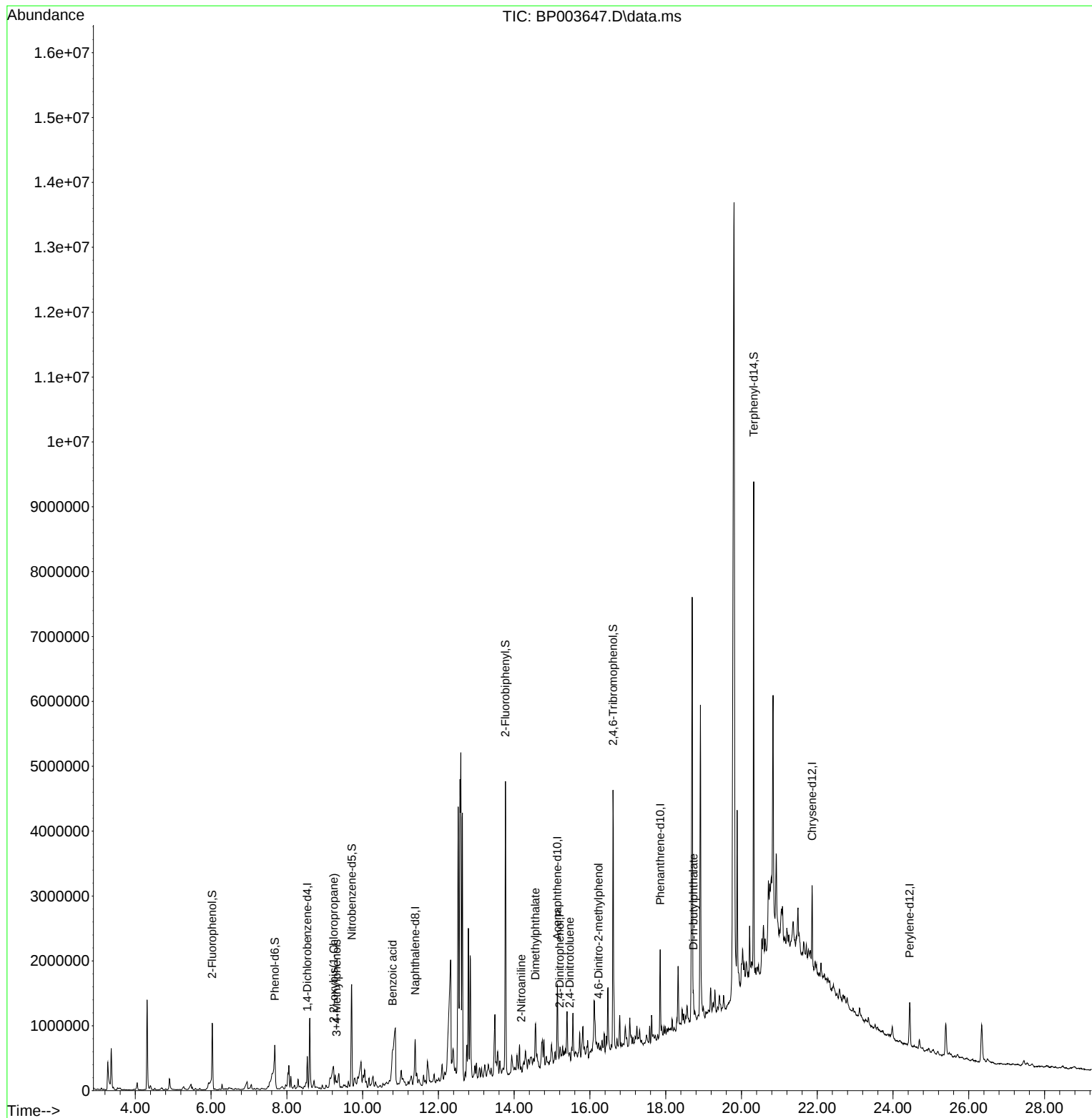
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.540	152	125281	20.00	ng	0.00
21) Naphthalene-d8	11.387	136	494759	20.00	ng	# 0.00
39) Acenaphthene-d10	15.139	164	348790	20.00	ng	0.00
64) Phenanthrene-d10	17.857	188	758188	20.00	ng	0.00
76) Chrysene-d12	21.863	240	610291	20.00	ng	# 0.00
86) Perylene-d12	24.439	264	573877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.028	112	430068	59.02	ng	0.00
7) Phenol-d6	7.681	99	375203	35.35	ng	0.00
23) Nitrobenzene-d5	9.710	82	928625	87.02	ng	0.00
42) 2,4,6-Tribromophenol	16.610	330	799278	171.88	ng	0.00
45) 2-Fluorobiphenyl	13.769	172	2167589	81.53	ng	0.00
79) Terphenyl-d14	20.322	244	3001993	89.00	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.640	77	2785	Below Cal	#	52
16) 2,2'-oxybis(1-Chloropr...	9.234	45	59362	7.04	ng	91
20) 3+4-Methylphenols	9.310	107	30438	3.29	ng	87
32) Benzoic acid	10.793	122	28610	13.40	ng	# 56
48) 2-Nitroaniline	14.187	65	741	4.29	ng	# 23
50) Dimethylphthalate	14.557	163	214720	7.50	ng	99
54) 2,4-Dinitrophenol	15.198	184	1520	3.07	ng	# 1
57) 2,4-Dinitrotoluene	15.469	165	678	3.64	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.228	198	257	7.44	ng	# 1
74) Di-n-butylphthalate	18.733	149	156845	3.47	ng	# 93

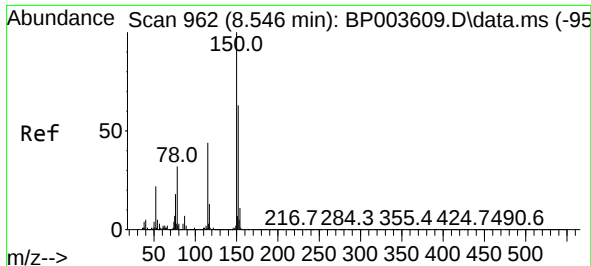
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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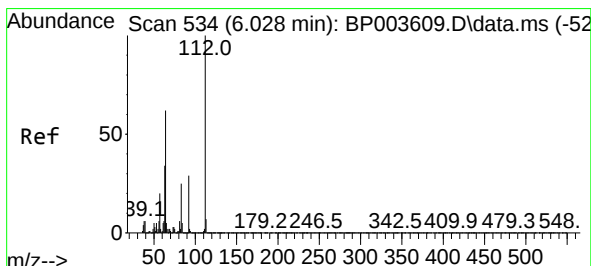
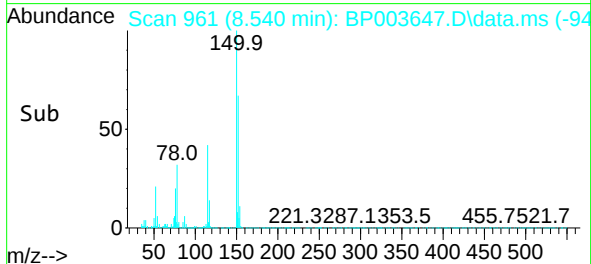
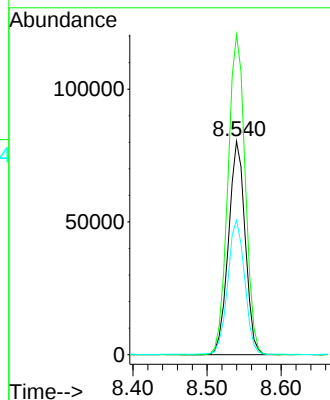
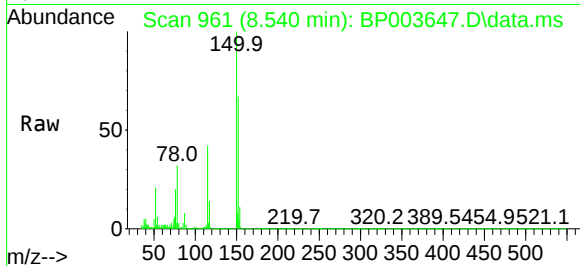




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.540 min Scan# 961
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

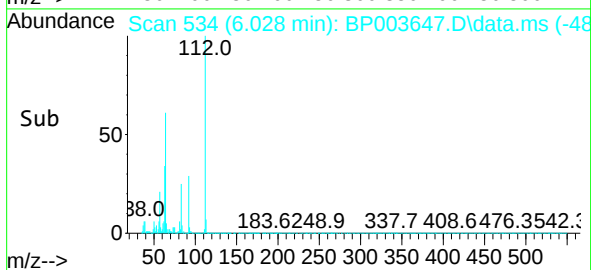
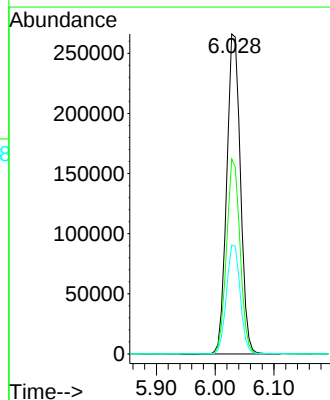
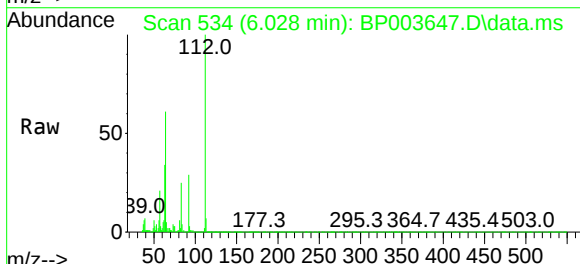
Instrument :
BNA_P
ClientSampleId :
98-02

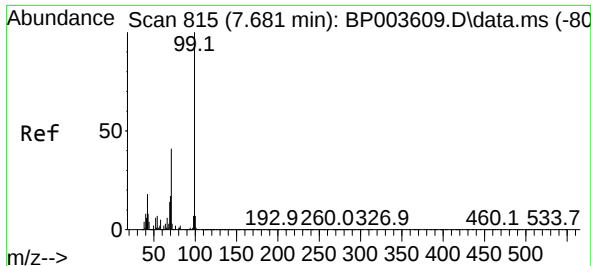
Tgt Ion:152 Resp: 125281
Ion Ratio Lower Upper
152 100
150 150.0 123.8 185.6
115 63.1 43.8 65.6



#5
2-Fluorophenol
Concen: 59.02 ng
RT: 6.028 min Scan# 534
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:112 Resp: 430068
Ion Ratio Lower Upper
112 100
64 61.0 32.8 49.2#
63 34.0 17.0 25.4#

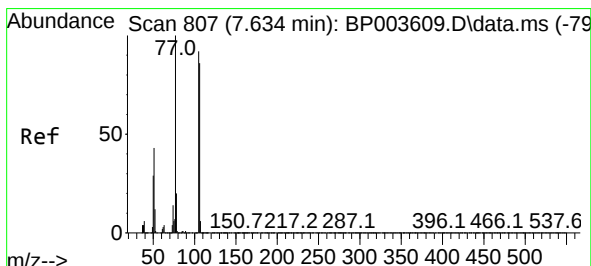
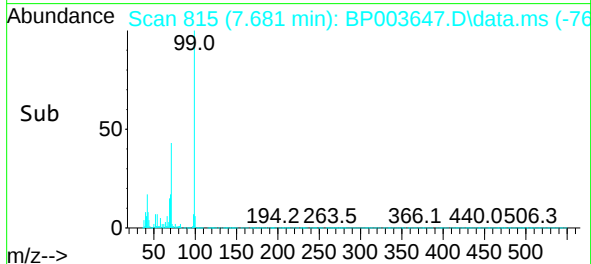
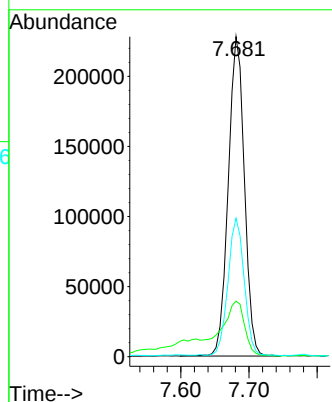
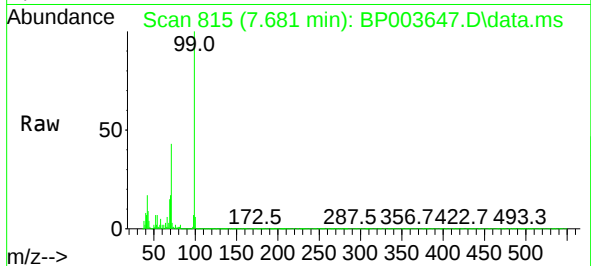




#7
Phenol-d6
Concen: 35.35 ng
RT: 7.681 min Scan# 815
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

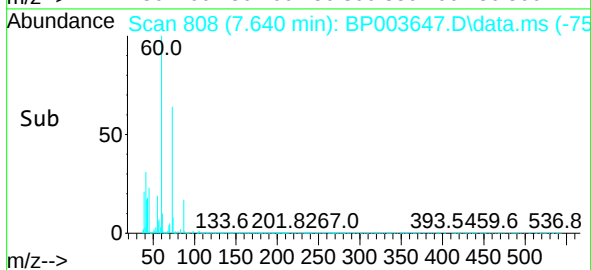
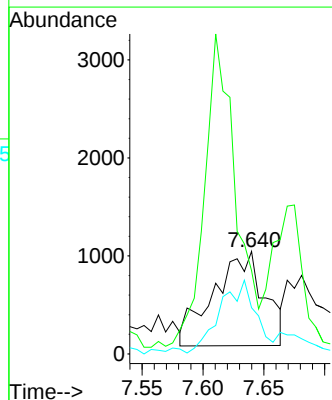
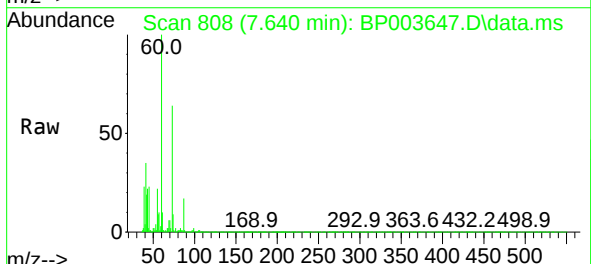
Instrument :
BNA_P
ClientSampleId :
98-02

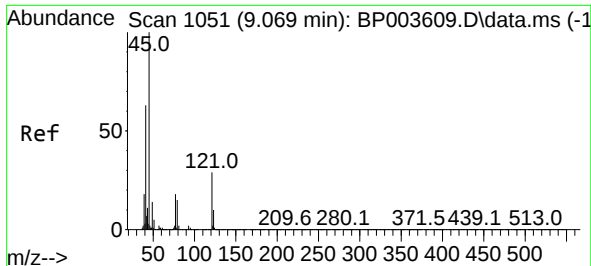
Tgt Ion: 99 Resp: 375203
Ion Ratio Lower Upper
99 100
42 17.4 8.6 13.0#
71 43.2 23.4 35.2#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.640 min Scan# 808
Delta R.T. 0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion: 77 Resp: 2785
Ion Ratio Lower Upper
77 100
105 81.3 97.1 137.1#
106 45.1 93.7 133.7#

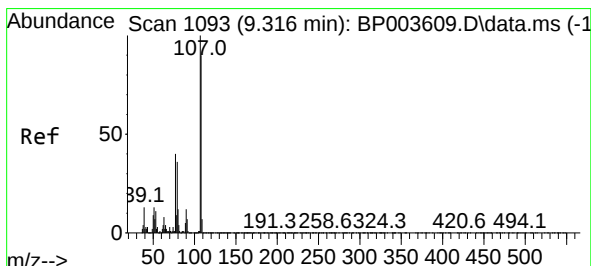
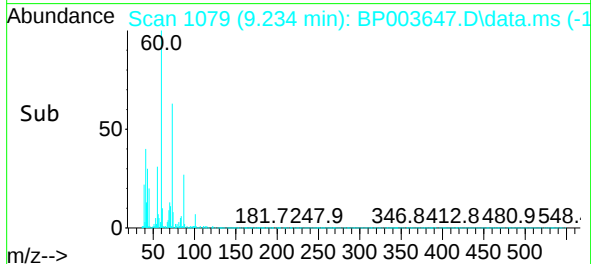
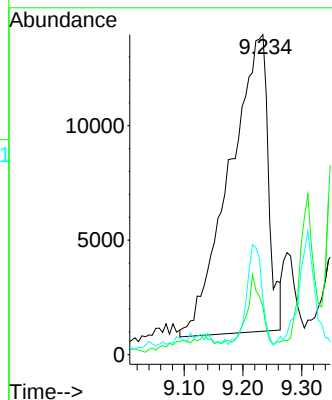
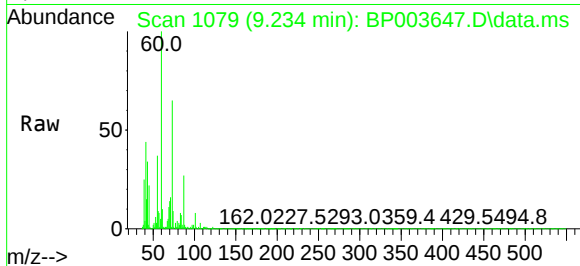




#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.04 ng
RT: 9.234 min Scan# 1079
Delta R.T. 0.165 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

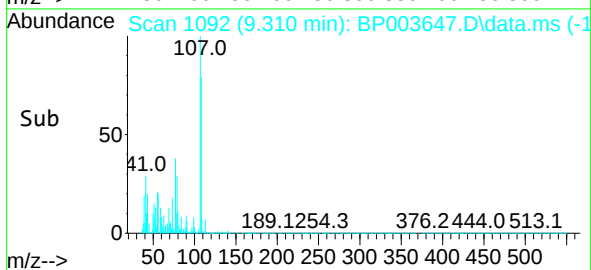
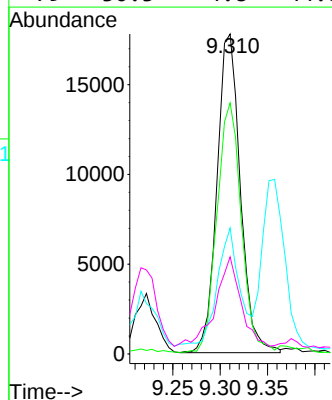
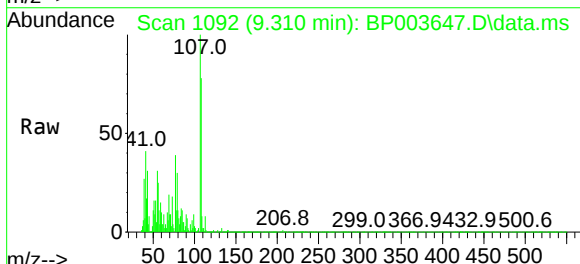
Instrument :
BNA_P
ClientSampled :
98-02

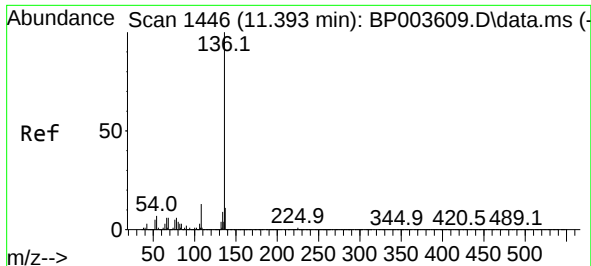
Tgt Ion:	45	Resp:	59362
Ion	Ratio	Lower	Upper
45	100		
77	14.9	2.3	42.3
79	17.2	0.0	36.6



#20
3+4-Methylphenols
Concen: 3.29 ng
RT: 9.310 min Scan# 1092
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

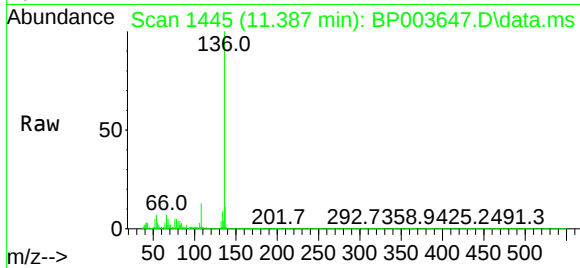
Tgt Ion:	107	Resp:	30438
Ion	Ratio	Lower	Upper
107	100		
108	78.4	69.0	109.0
77	39.3	8.5	48.5
79	30.3	4.8	44.8



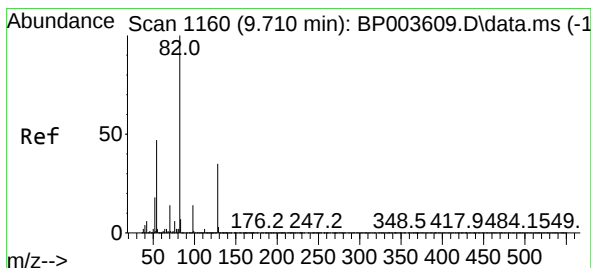
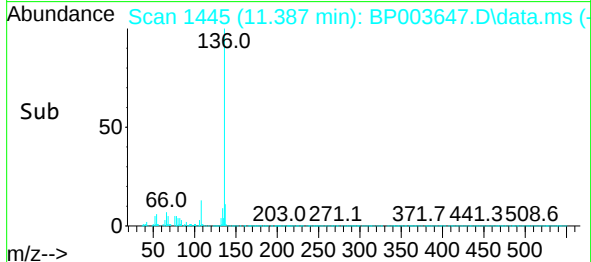
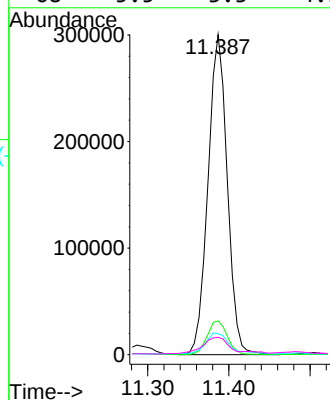


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.387 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Instrument :
BNA_P
ClientSampleId :
98-02

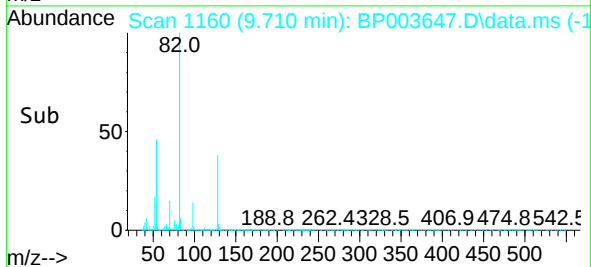
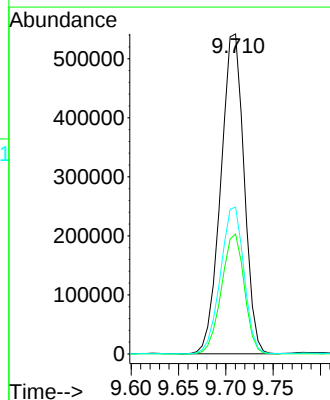
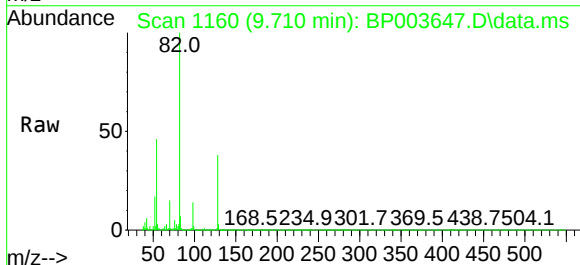


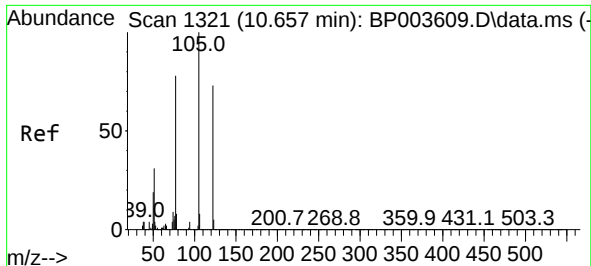
Tgt Ion:	136	Resp:	494759
Ion Ratio	100	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	6.5	3.6	5.4#
68	5.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 87.02 ng
RT: 9.710 min Scan# 1160
Delta R.T. 0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:	82	Resp:	928625
Ion Ratio	100	Lower	Upper
82	100		
128	37.5	45.6	68.4#
54	45.9	30.1	45.1#

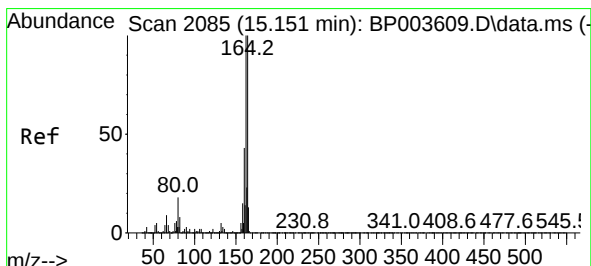
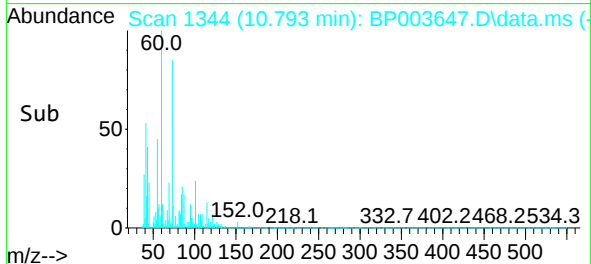
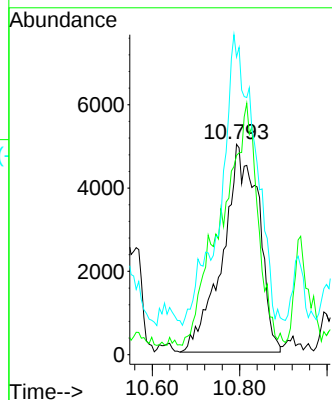
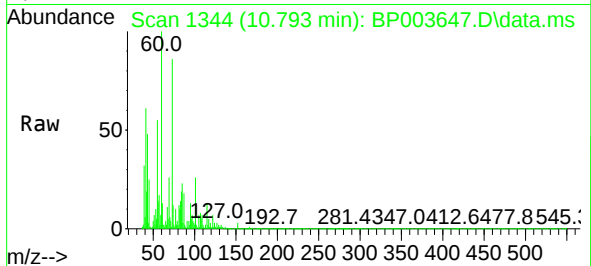




#32
Benzoic acid
Concen: 13.40 ng
RT: 10.793 min Scan# 1344
Delta R.T. 0.129 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

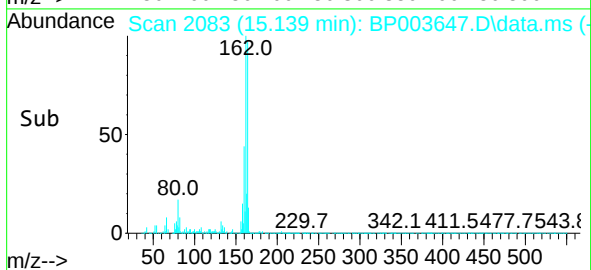
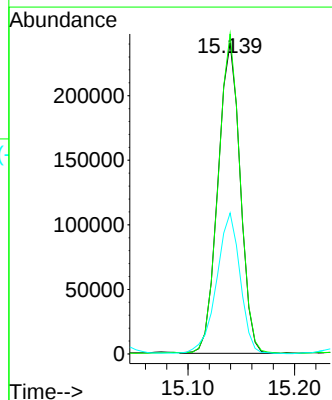
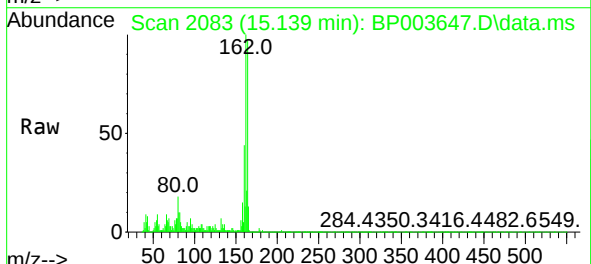
Instrument :
BNA_P
ClientSampleId :
98-02

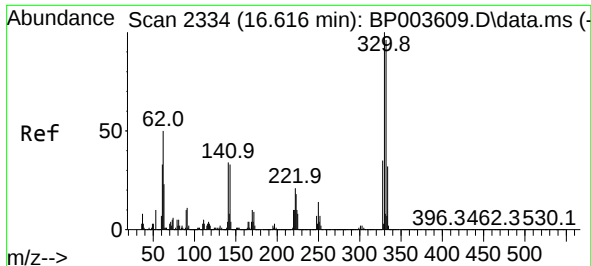
Tgt Ion:122 Resp: 28610
Ion Ratio Lower Upper
122 100
105 94.7 94.1 134.1
77 141.5 50.1 90.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:164 Resp: 348790
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.2
160 45.3 36.1 54.1

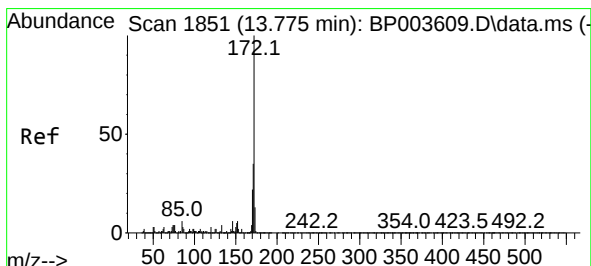
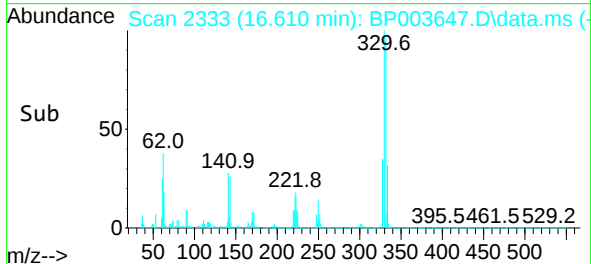
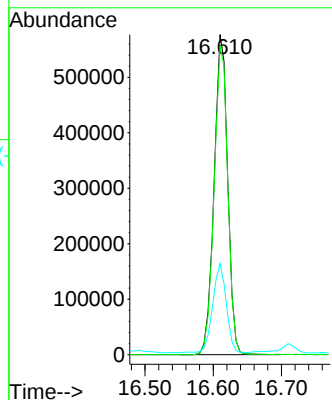
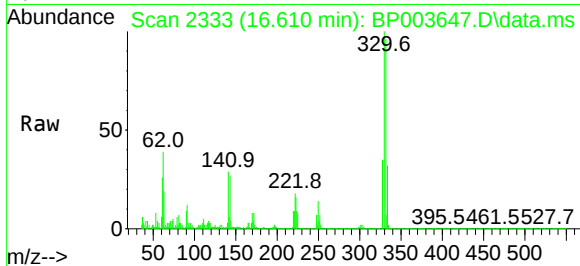




#42
2,4,6-Tribromophenol
Concen: 171.88 ng
RT: 16.610 min Scan# 2333
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

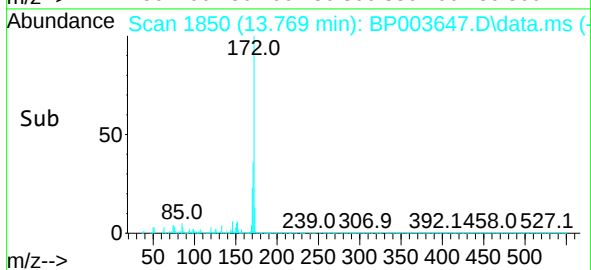
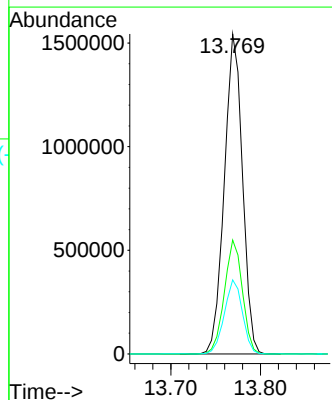
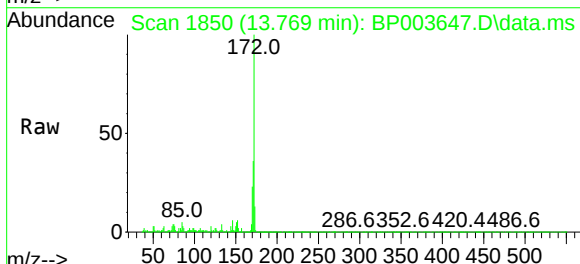
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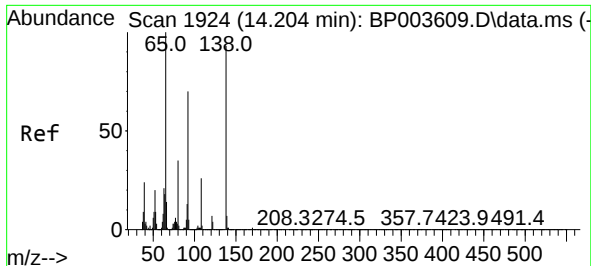
Tgt Ion:330 Resp: 799278
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 28.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.53 ng
RT: 13.769 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:172 Resp: 2167589
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.2 19.2 28.8

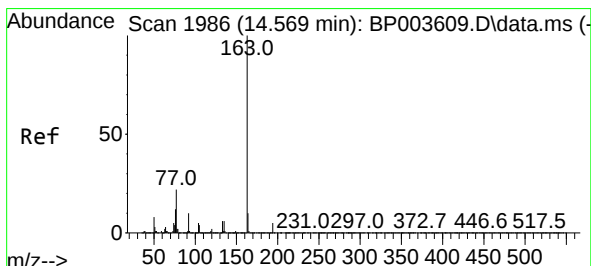
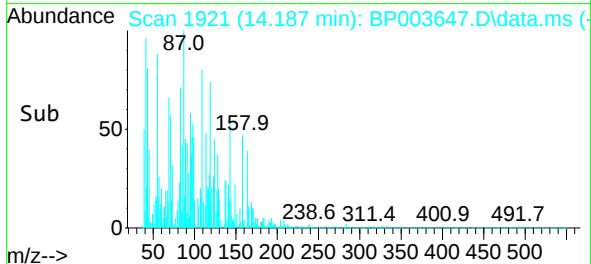
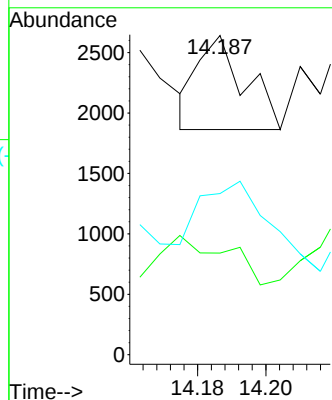
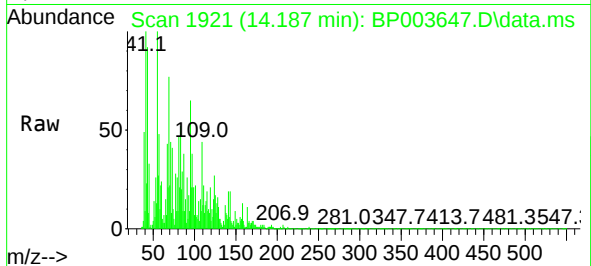




#48
2-Nitroaniline
Concen: 4.29 ng
RT: 14.187 min Scan# 1921
Delta R.T. -0.012 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

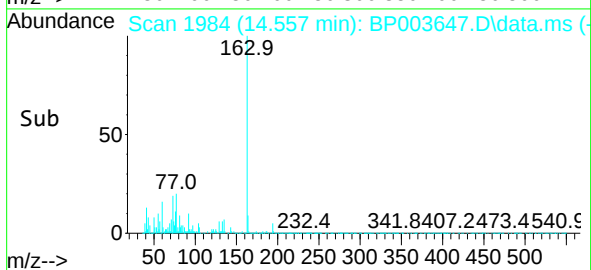
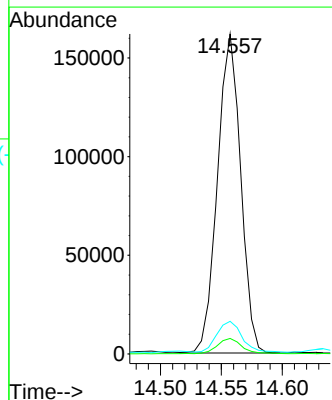
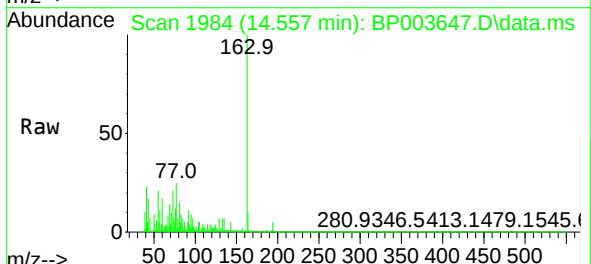
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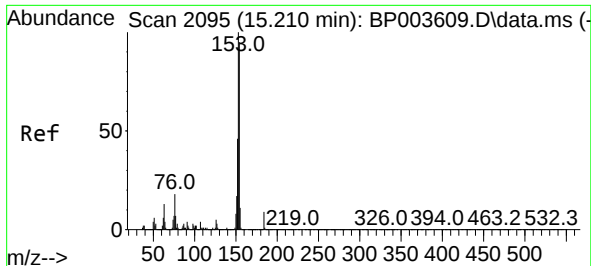
Tgt Ion: 65 Resp: 741
Ion Ratio Lower Upper
65 100
92 31.8 70.6 106.0#
138 50.5 133.6 200.4#



#50
Dimethylphthalate
Concen: 7.50 ng
RT: 14.557 min Scan# 1984
Delta R.T. -0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion: 163 Resp: 214720
Ion Ratio Lower Upper
163 100
194 4.9 3.3 4.9
164 10.2 8.2 12.2

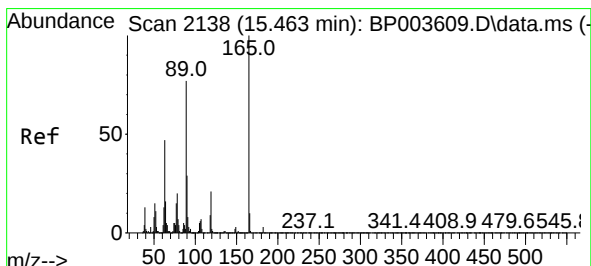
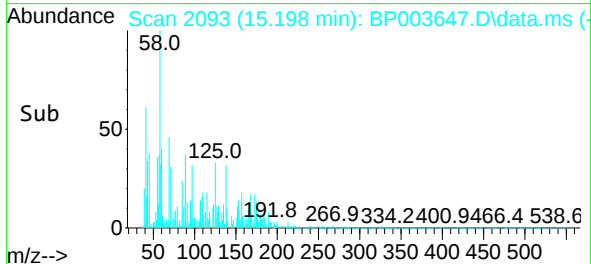
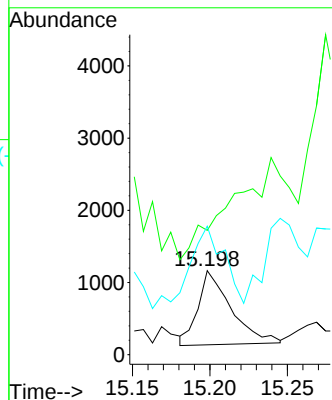
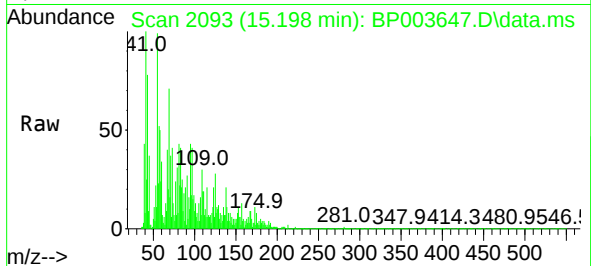




#54
2,4-Dinitrophenol
Concen: 3.07 ng
RT: 15.198 min Scan# 2093
Delta R.T. -0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

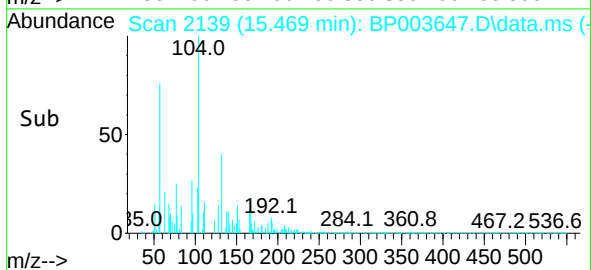
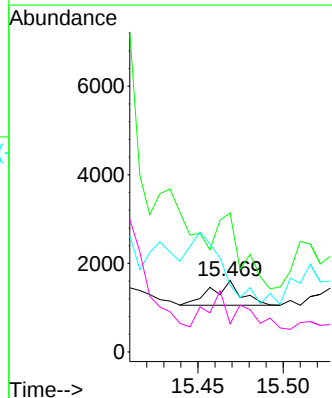
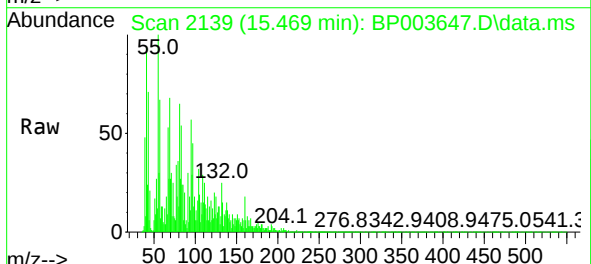
Instrument :
BNA_P
ClientSampleId :
98-02

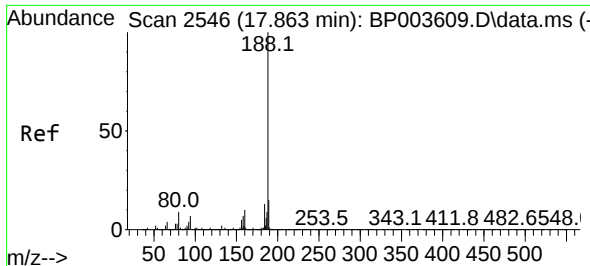
Tgt Ion:184 Resp: 1520
Ion Ratio Lower Upper
184 100
63 148.2 32.3 48.5#
154 153.1 49.1 73.7#



#57
2,4-Dinitrotoluene
Concen: 3.64 ng
RT: 15.469 min Scan# 2139
Delta R.T. 0.012 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:165 Resp: 678
Ion Ratio Lower Upper
165 100
63 194.5 20.6 31.0#
89 93.6 42.6 63.8#
182 39.4 2.4 3.6#

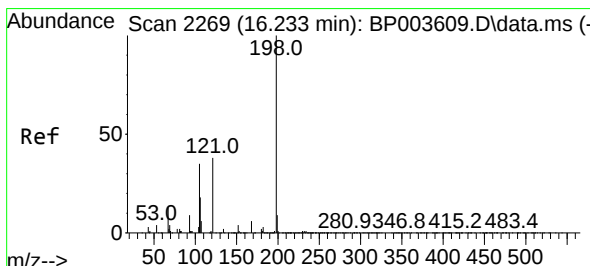
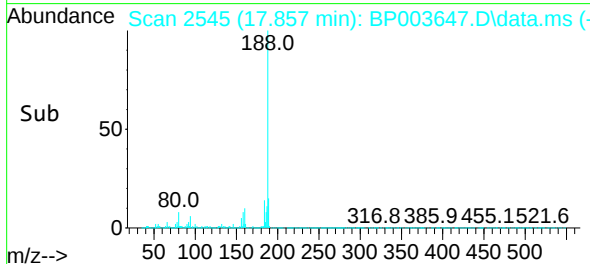
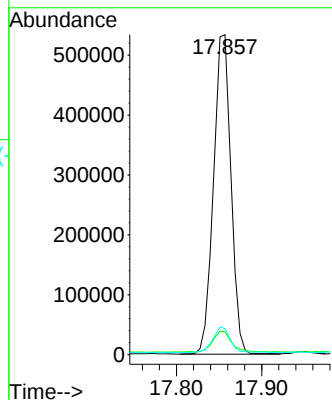
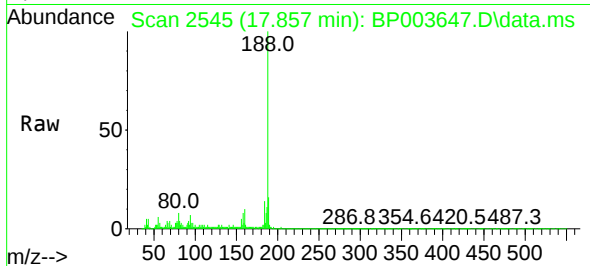




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.857 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

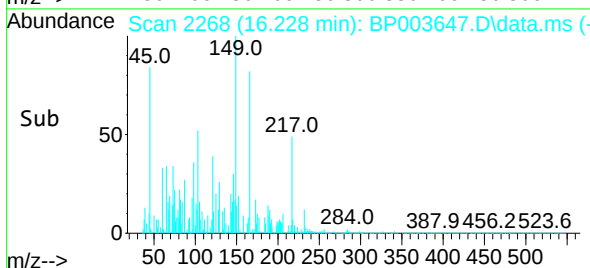
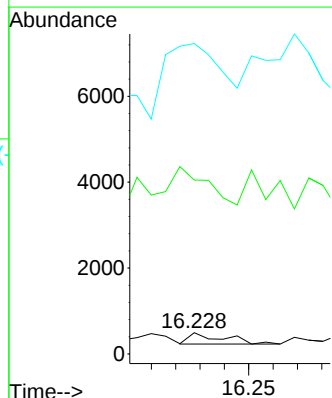
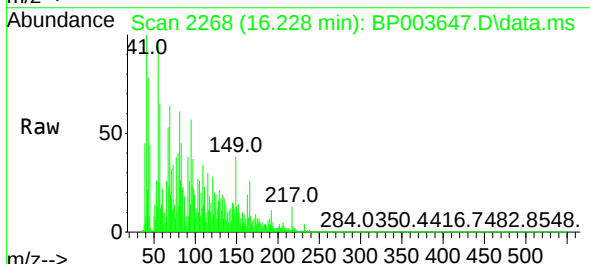
Instrument :
BNA_P
ClientSampled :
98-02

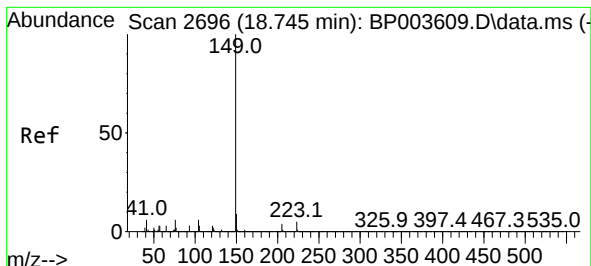
Tgt Ion:188 Resp: 758188
Ion Ratio Lower Upper
188 100
94 7.2 6.2 9.2
80 8.2 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 7.44 ng
RT: 16.228 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:198 Resp: 257
Ion Ratio Lower Upper
198 100
51 819.6 6.4 46.4#
105 1463.4 18.9 58.9#

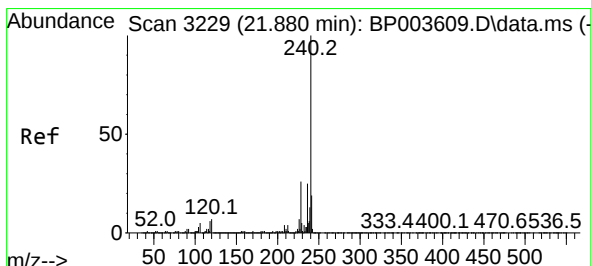
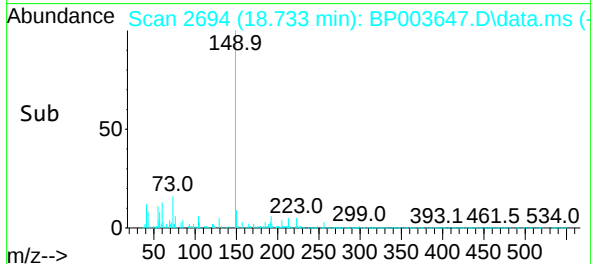
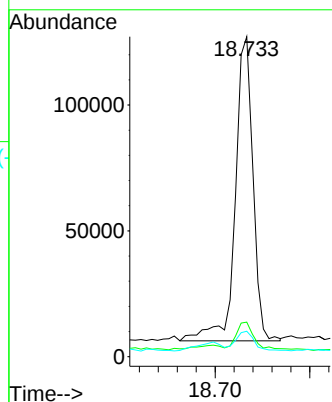
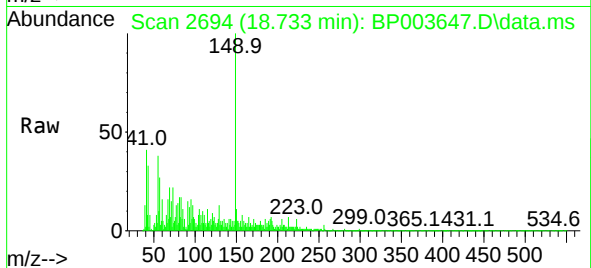




#74
Di-n-butylphthalate
Concen: 3.47 ng
RT: 18.733 min Scan# 2694
Delta R.T. 0.006 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

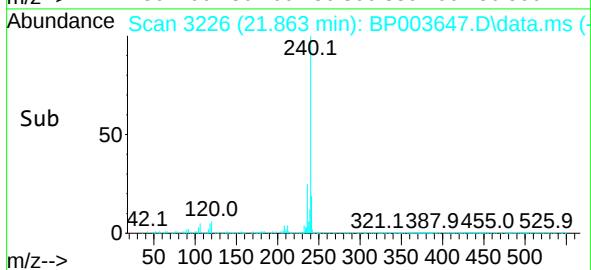
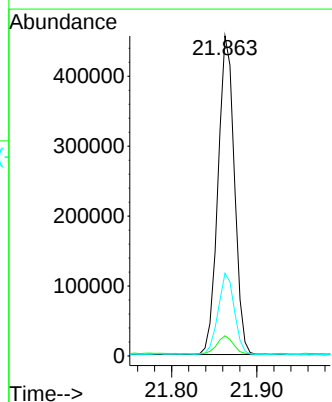
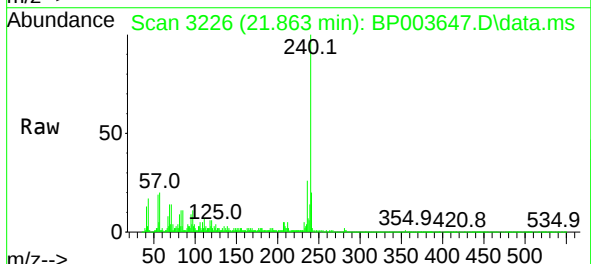
Instrument :
BNA_P
ClientSampleId :
98-02

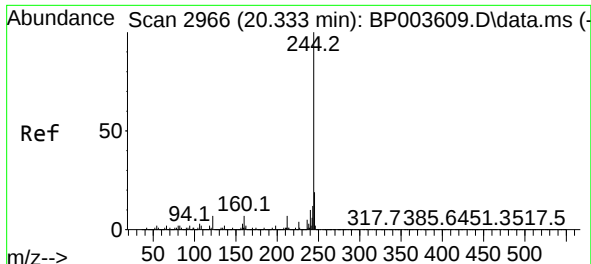
Tgt Ion:149 Resp: 156845
Ion Ratio Lower Upper
149 100
150 10.8 7.3 10.9
104 8.0 3.4 5.0#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.863 min Scan# 3226
Delta R.T. -0.000 min
Lab File: BP003647.D
Acq: 16 Oct 2020 18:04

Tgt Ion:240 Resp: 610291
Ion Ratio Lower Upper
240 100
120 6.3 7.8 11.6#
236 25.9 20.8 31.2

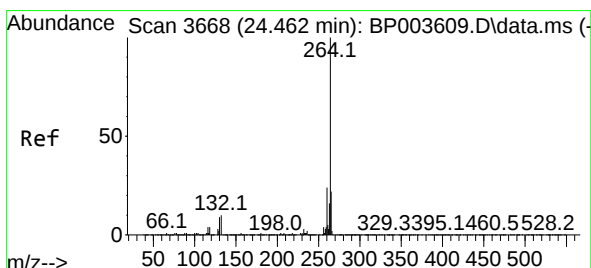
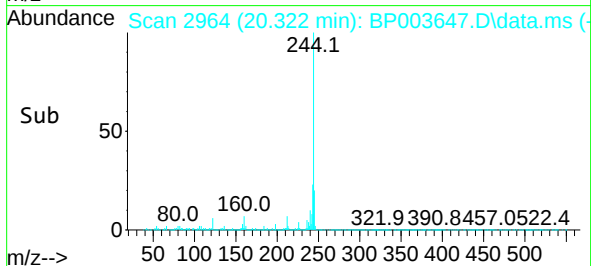
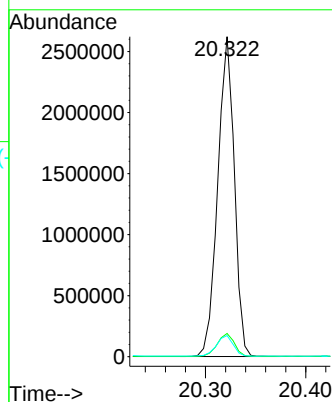
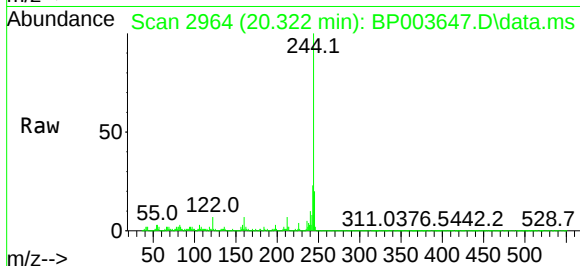




#79
 Terphenyl-d14
 Concen: 89.00 ng
 RT: 20.322 min Scan# 2964
 Delta R.T. 0.006 min
 Lab File: BP003647.D
 Acq: 16 Oct 2020 18:04

Instrument :
 BNA_P
 ClientSampleId :
 98-02

Tgt Ion:244 Resp: 3001993
 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: 24.439 min Scan# 3664
 Delta R.T. 0.006 min
 Lab File: BP003647.D
 Acq: 16 Oct 2020 18:04

Tgt Ion:264 Resp: 573877
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.3 17.4 26.2

