

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003547.D
 Acq On : 07 Oct 2020 08:24
 Operator : CG/JU
 Sample : L4250-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12

Quant Time: Oct 07 08:57:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 14:33:14 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

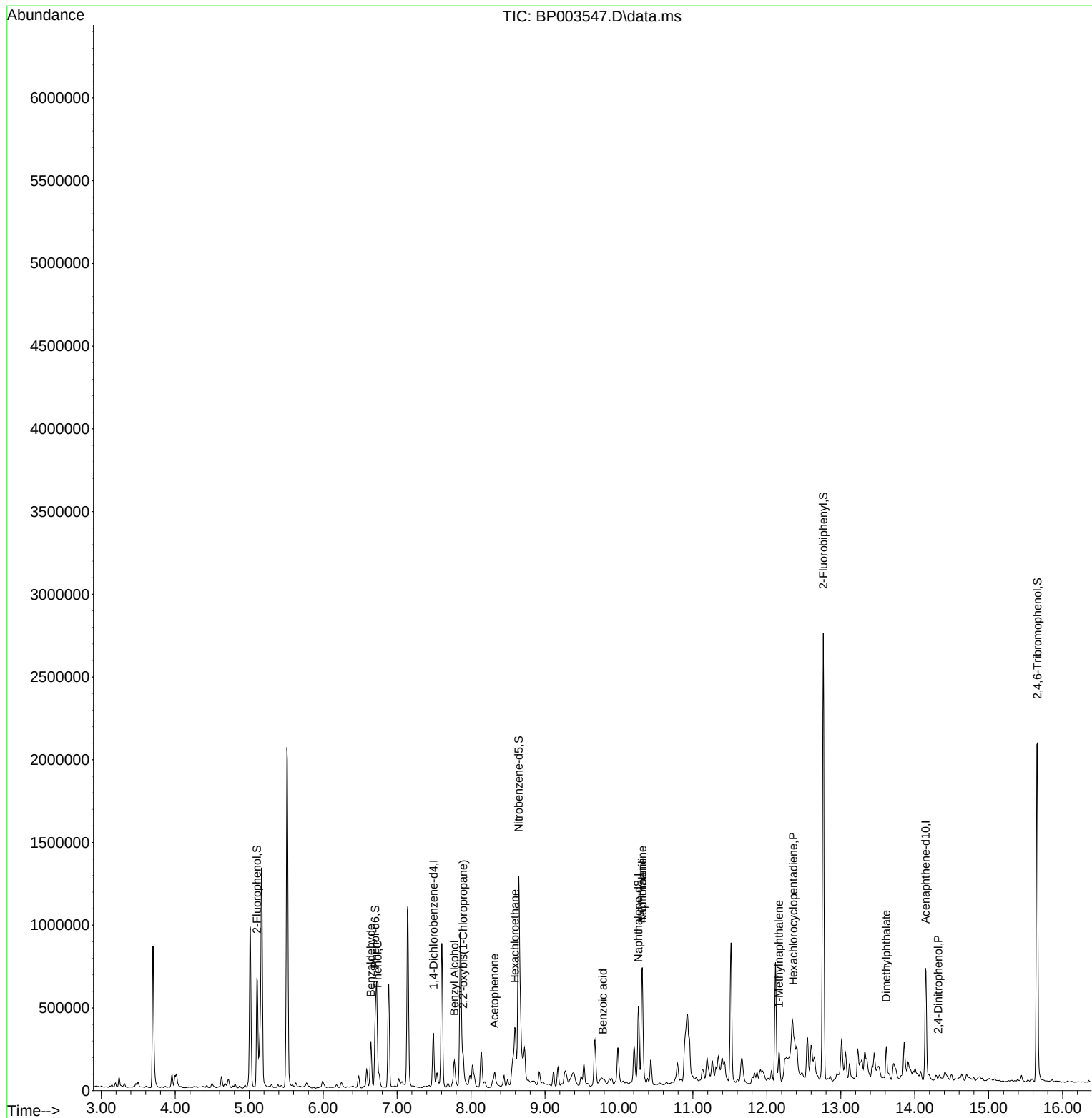
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	88415	20.00	ng	0.00
21) Naphthalene-d8	10.263	136	358189	20.00	ng	#-0.01
39) Acenaphthene-d10	14.145	164	222631	20.00	ng	-0.01
64) Phenanthrene-d10	16.910	188	511030	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	590971	20.00	ng	-0.01
86) Perylene-d12	23.180	264	581569	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.105	112	341246	67.39	ng	0.00
7) Phenol-d6	6.705	99	270888	40.14	ng	0.00
23) Nitrobenzene-d5	8.646	82	681975	111.85	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	441648	130.06	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	1334113	87.64	ng	-0.01
79) Terphenyl-d14	19.498	244	2261165	79.72	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.646	77	21904	5.82	ng	# 1
10) Phenol	6.734	94	15877	2.46	ng	# 3
15) Benzyl Alcohol	7.775	79	10315	2.30	ng	# 53
16) 2,2'-oxybis(1-Chloropr...	7.893	45	14473	3.90	ng	86
18) Hexachloroethane	8.593	117	23088	9.08	ng	# 1
22) Acetophenone	8.316	105	65204	7.41	ng	# 94
31) Naphthalene	10.316	128	563281	29.77	ng	99
32) Benzoic acid	9.781	122	5738	10.53	ng	# 58
33) 4-Chloroaniline	10.316	127	76565	9.53	ng	# 40
38) 1-Methylnaphthalene	12.163	142	32343	2.49	ng	# 97
41) Hexachlorocyclopentadiene	12.357	237	8	6.84	ng	91
50) Dimethylphthalate	13.616	163	117747	6.62	ng	97
54) 2,4-Dinitrophenol	14.316	184	60	7.28	ng	# 1
70) Pentachlorophenol	16.398	266	31	6.78	ng	93

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

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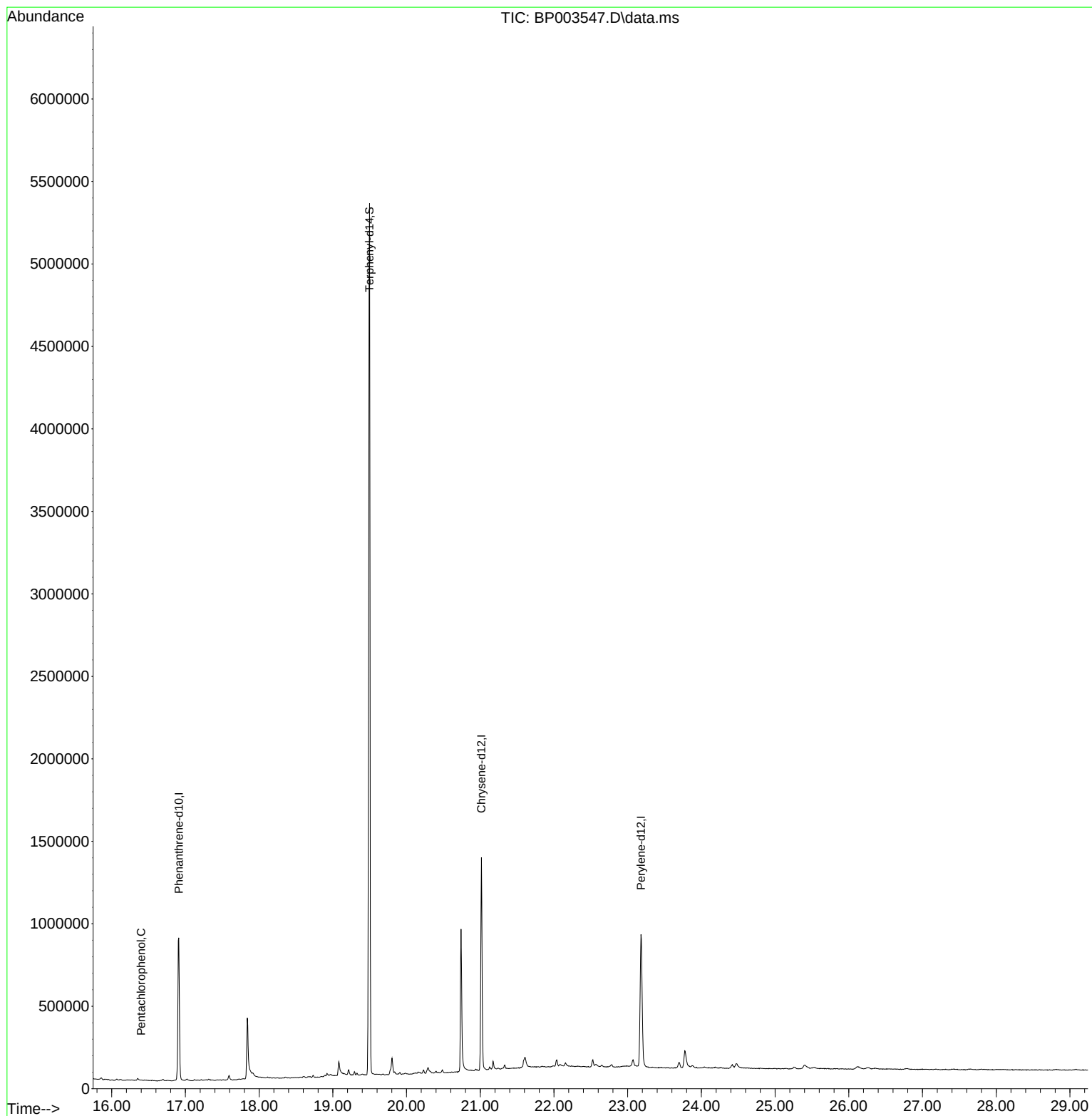
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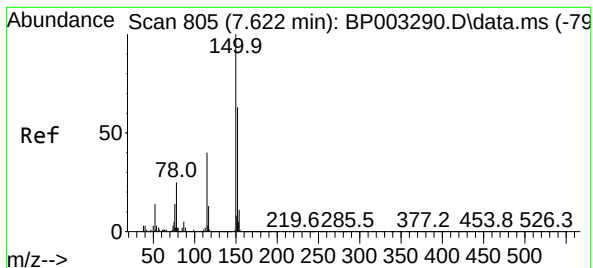


Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
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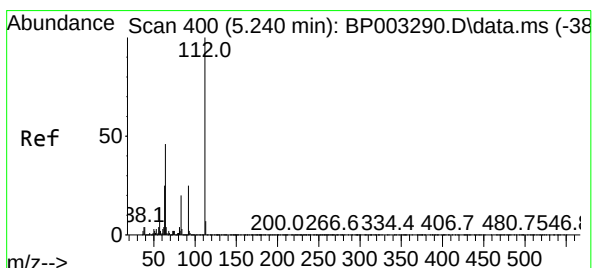
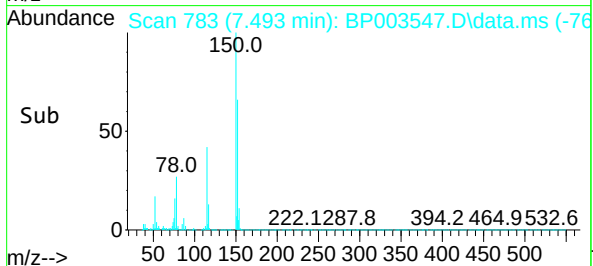
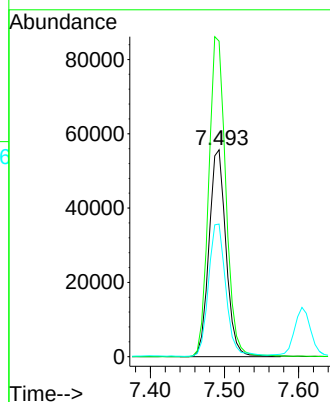
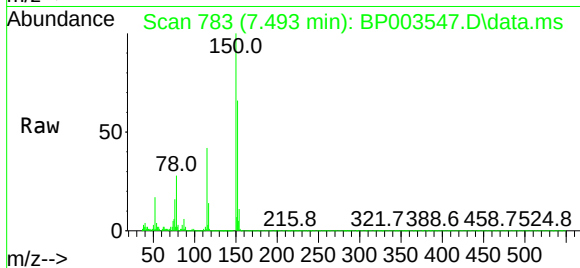




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

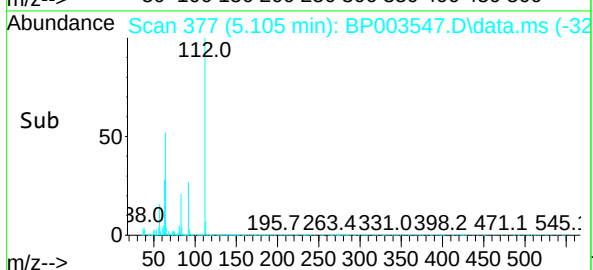
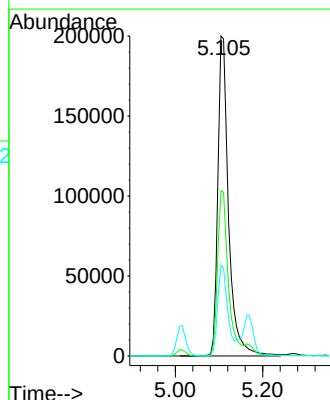
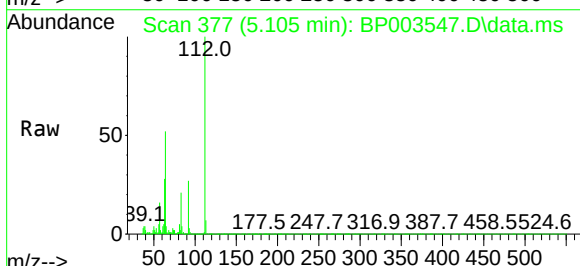
Instrument :
BNA_P
ClientSampleId :
MW-12

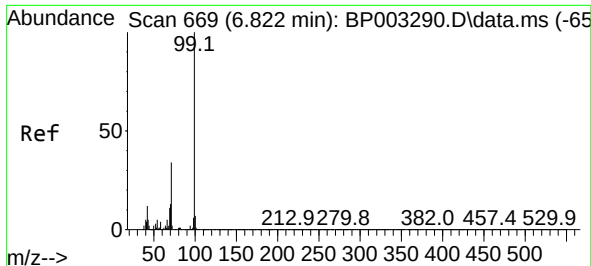
Tgt Ion:152 Resp: 88415
Ion Ratio Lower Upper
152 100
150 152.5 123.8 185.6
115 64.1 43.8 65.6



#5
2-Fluorophenol
Concen: 67.39 ng
RT: 5.105 min Scan# 377
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:112 Resp: 341246
Ion Ratio Lower Upper
112 100
64 51.7 32.8 49.2#
63 28.4 17.0 25.4#

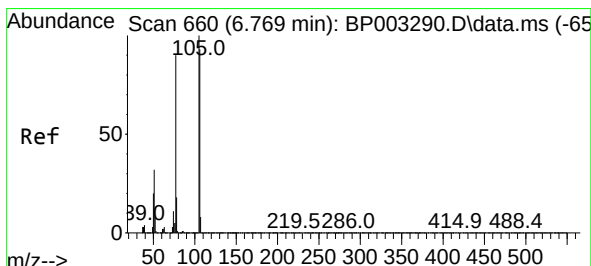
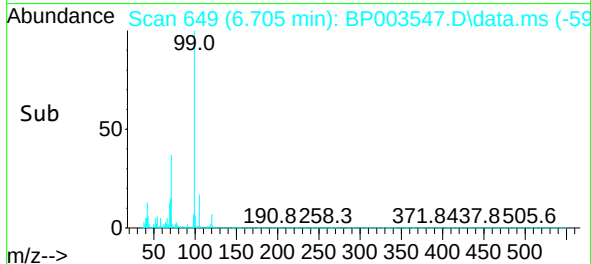
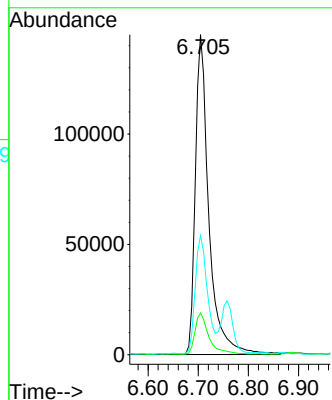
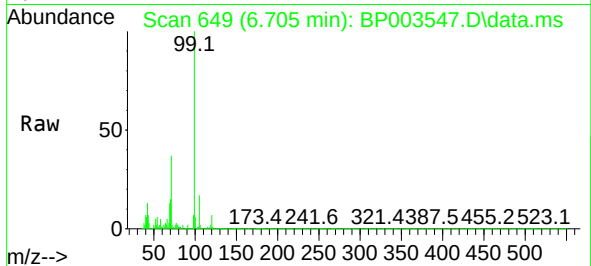




#7
Phenol-d6
Concen: 40.14 ng
RT: 6.705 min Scan# 649
Delta R.T. 0.000 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

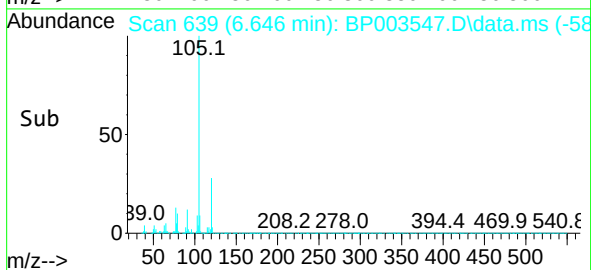
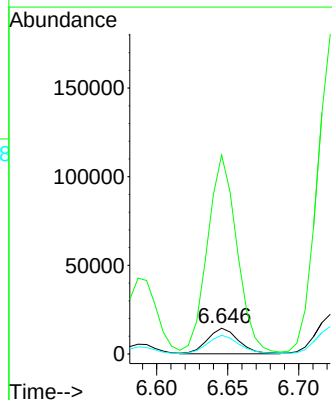
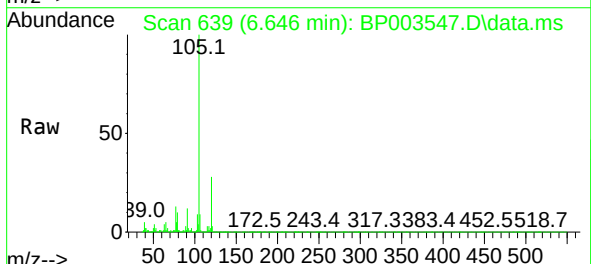
Instrument :
BNA_P
ClientSampleId :
MW-12

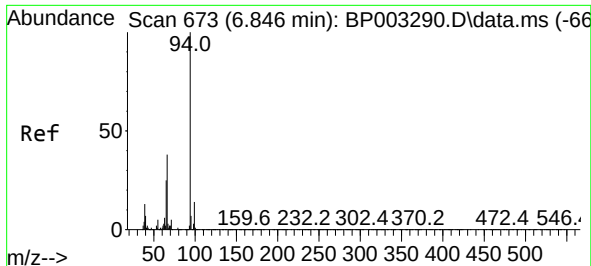
Tgt Ion: 99 Resp: 270888
Ion Ratio Lower Upper
99 100
42 13.0 8.6 13.0#
71 37.3 23.4 35.2#



#9
Benzaldehyde
Concen: 5.82 ng
RT: 6.646 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion: 77 Resp: 21904
Ion Ratio Lower Upper
77 100
105 774.4 97.1 137.1#
106 72.6 93.7 133.7#

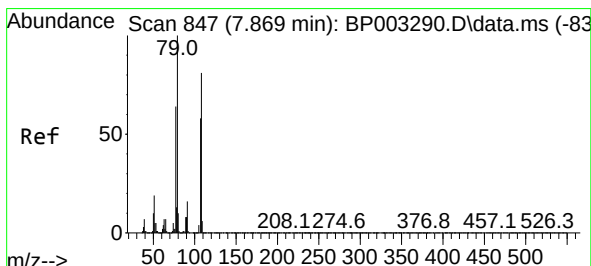
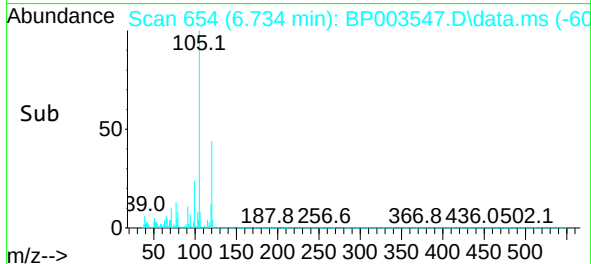
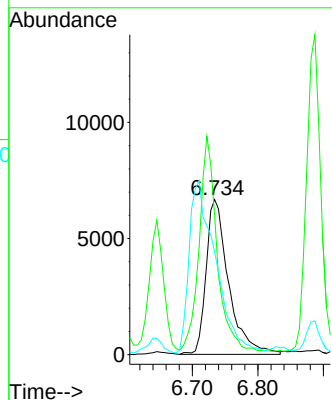
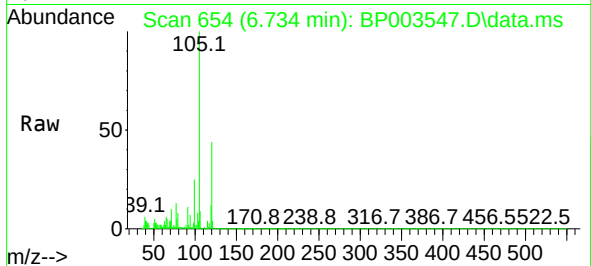




#10
Phenol
Concen: 2.46 ng
RT: 6.734 min Scan# 654
Delta R.T. 0.000 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

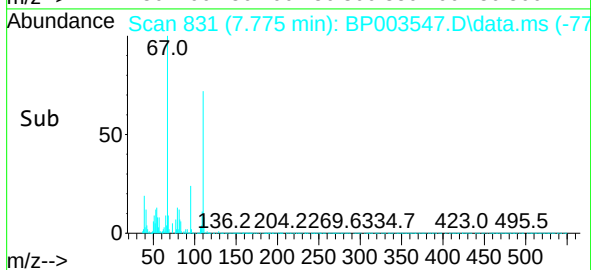
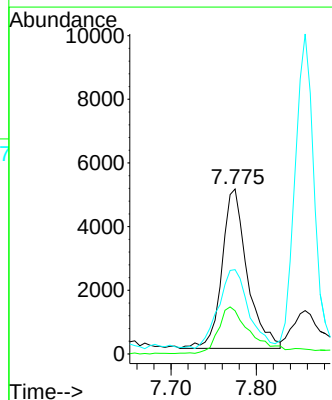
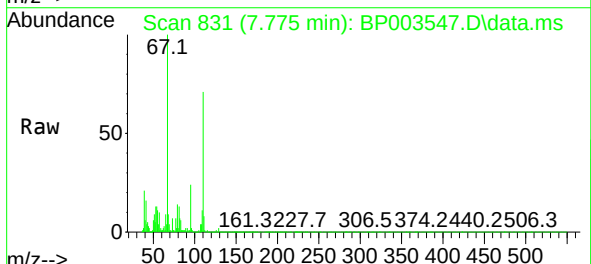
Instrument :
BNA_P
ClientSampleId :
MW-12

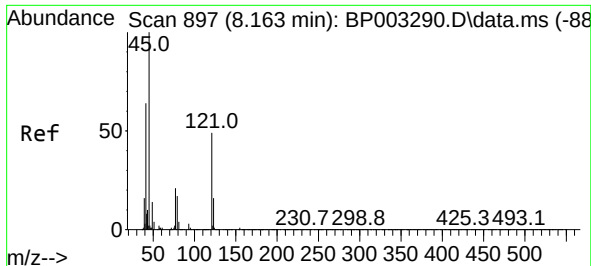
Tgt Ion: 94 Resp: 15877
Ion Ratio Lower Upper
94 100
65 90.2 2.3 42.3#
66 66.4 10.9 50.9#



#15
Benzyl Alcohol
Concen: 2.30 ng
RT: 7.775 min Scan# 831
Delta R.T. 0.024 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion: 79 Resp: 10315
Ion Ratio Lower Upper
79 100
108 26.2 73.5 110.3#
77 51.2 50.3 75.5

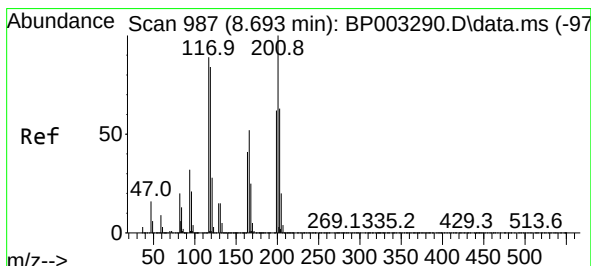
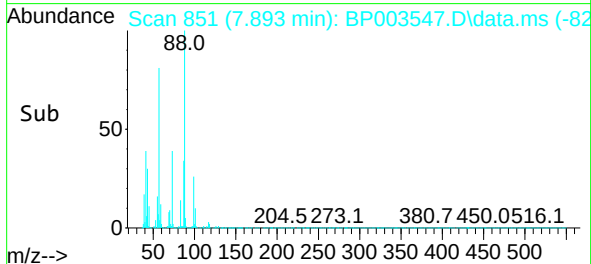
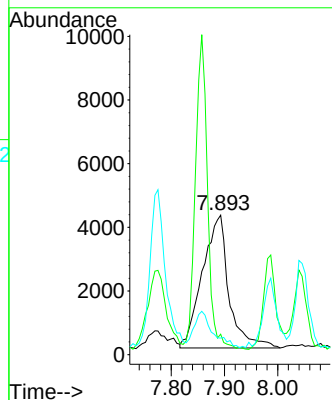
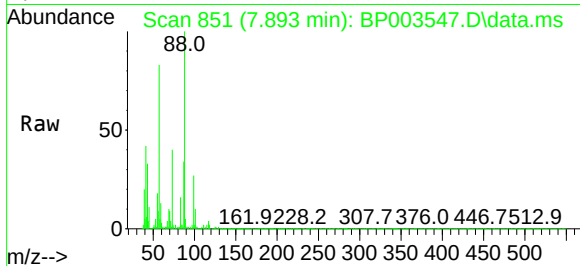




#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.90 ng
RT: 7.893 min Scan# 851
Delta R.T. -0.147 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

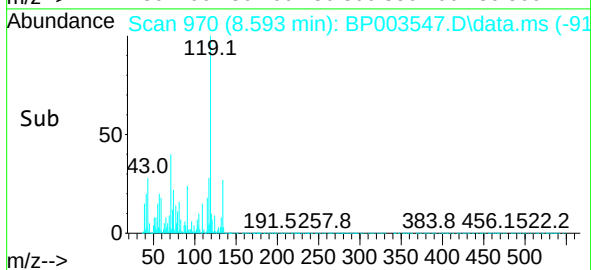
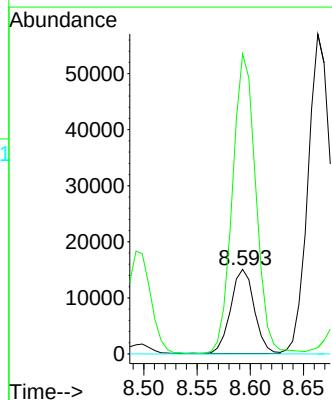
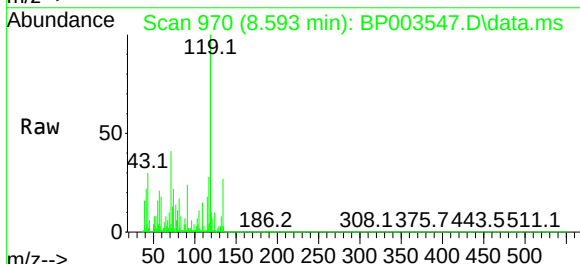
Instrument :
BNA_P
ClientSampleId :
MW-12

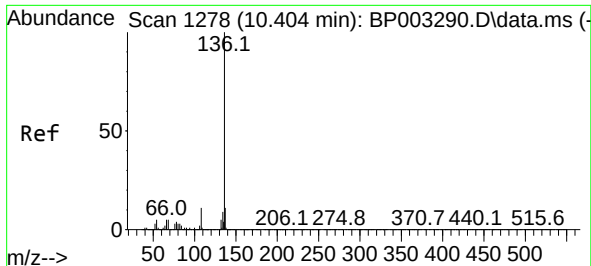
Tgt Ion:	45	Resp:	14473
Ion	Ratio	Lower	Upper
45	100		
77	14.7	2.3	42.3
79	11.9	0.0	36.6



#18
Hexachloroethane
Concen: 9.08 ng
RT: 8.593 min Scan# 970
Delta R.T. 0.030 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:	117	Resp:	23088
Ion	Ratio	Lower	Upper
117	100		
119	354.8	78.8	118.2#
201	0.1	92.3	138.5#

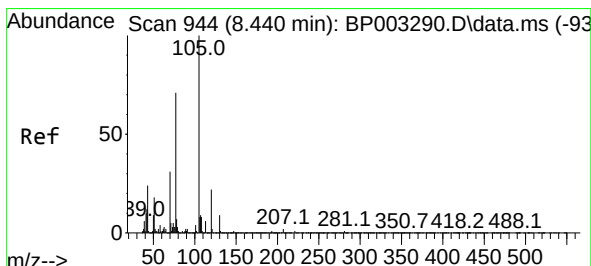
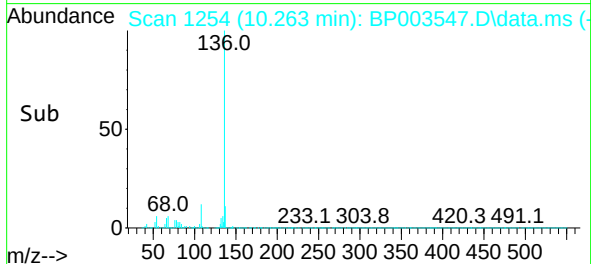
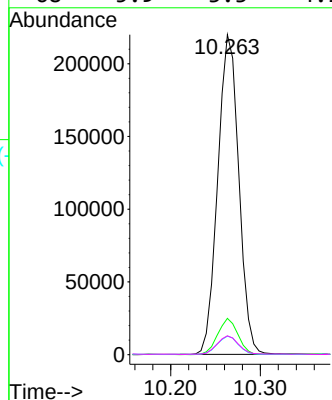
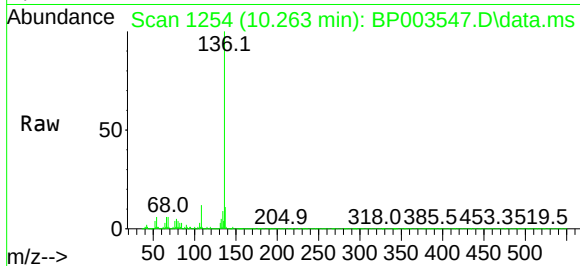




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.263 min Scan# 1254
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

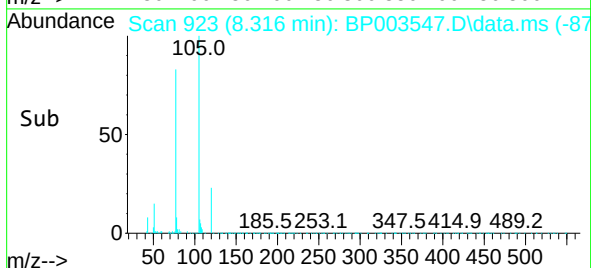
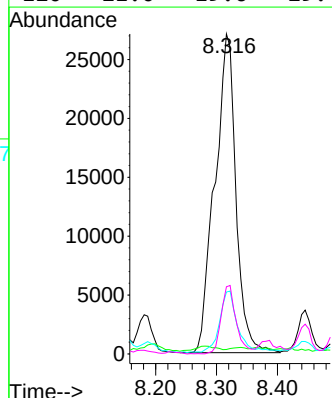
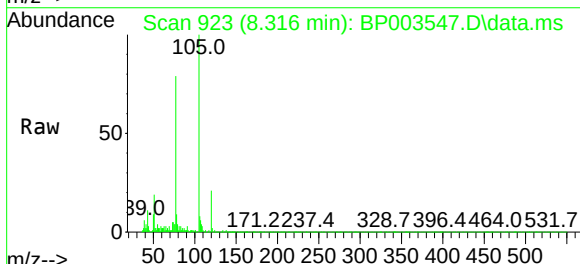
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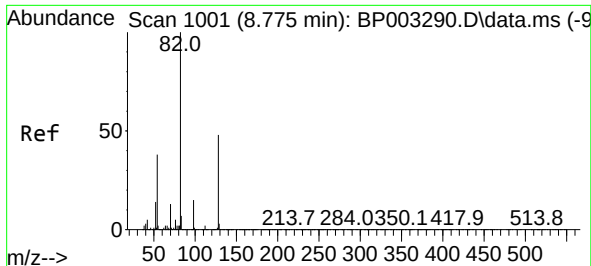
Tgt Ion:	136	Resp:	358189
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.6	13.0
54	5.8	3.6	5.4#
68	5.9	3.3	4.9#



#22
Acetophenone
Concen: 7.41 ng
RT: 8.316 min Scan# 923
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:	105	Resp:	65204
Ion Ratio	Lower	Upper	
105	100		
71	1.4	2.6	3.8#
51	19.3	13.5	20.3
120	21.0	19.6	29.4

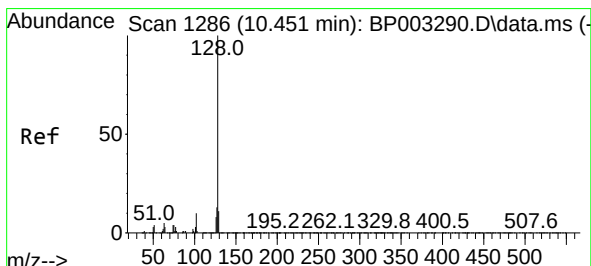
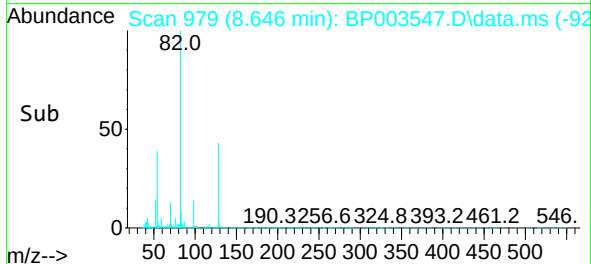
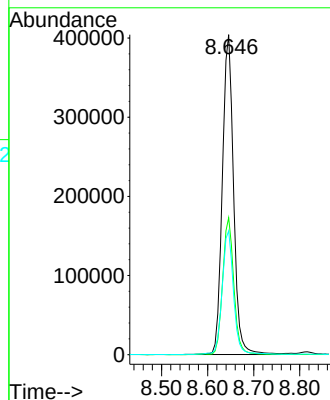
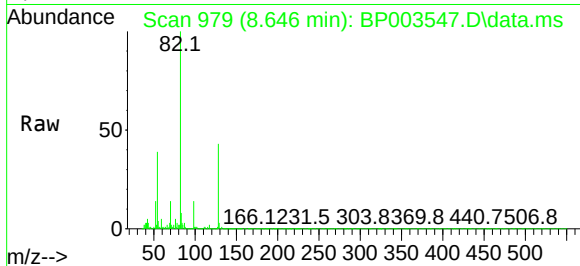




#23
Nitrobenzene-d5
Concen: 111.85 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

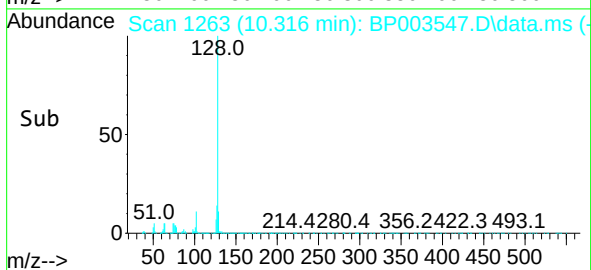
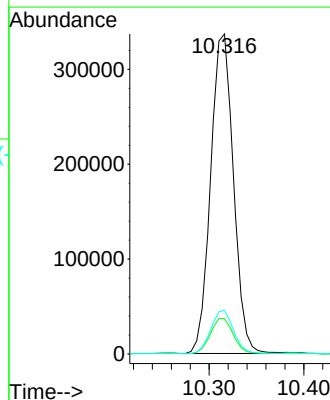
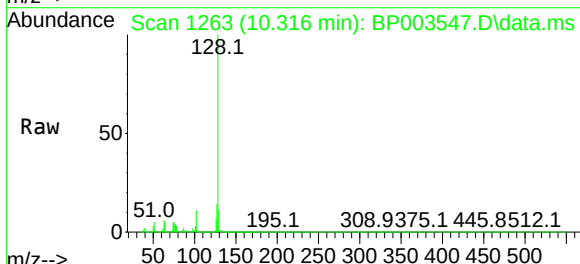
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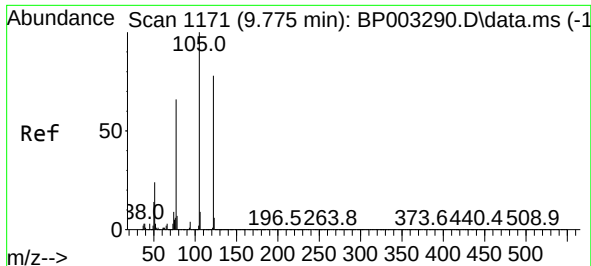
Tgt Ion: 82 Resp: 681975
Ion Ratio Lower Upper
82 100
128 42.8 45.6 68.4#
54 38.7 30.1 45.1



#31
Naphthalene
Concen: 29.77 ng
RT: 10.316 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion: 128 Resp: 563281
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.6 10.6 15.8

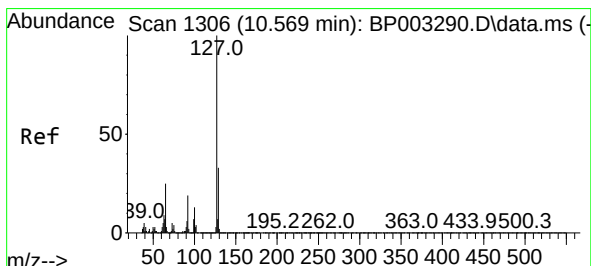
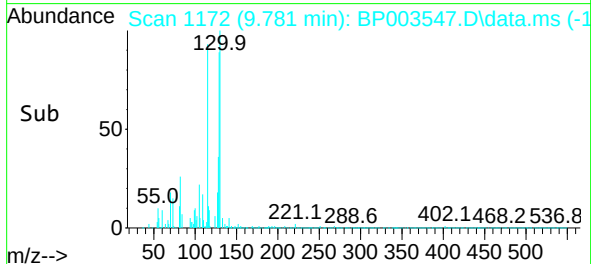
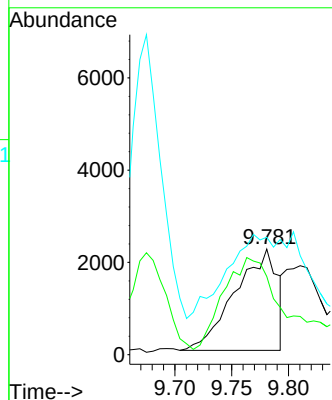
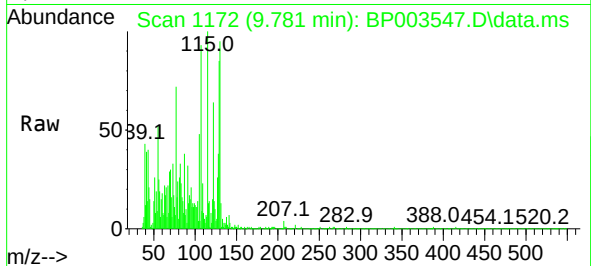




#32
Benzoic acid
Concen: 10.53 ng
RT: 9.781 min Scan# 1172
Delta R.T. 0.088 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

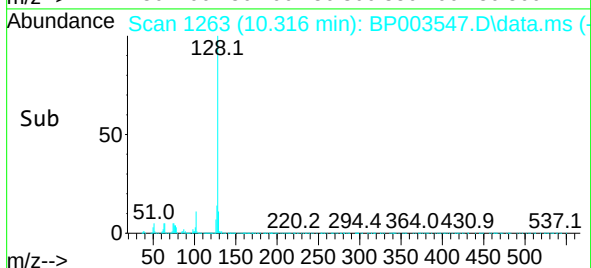
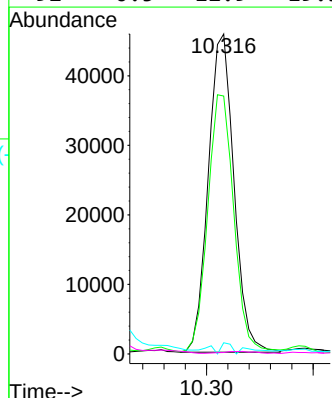
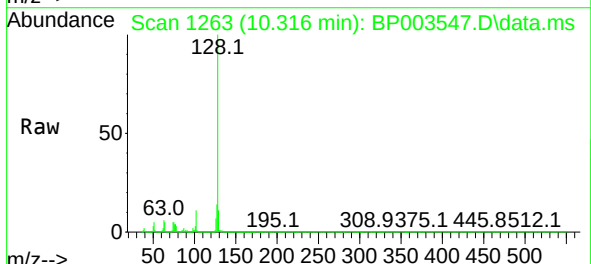
Instrument :
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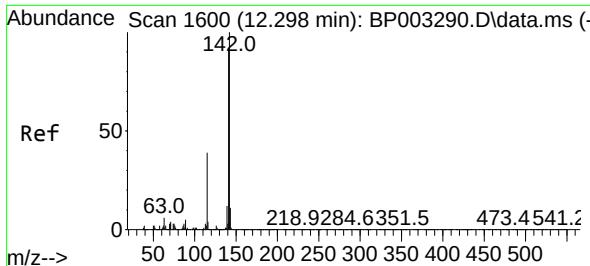
Tgt Ion:122 Resp: 5738
Ion Ratio Lower Upper
122 100
105 74.1 94.1 134.1#
77 111.2 50.1 90.1#



#33
4-Chloroaniline
Concen: 9.53 ng
RT: 10.316 min Scan# 1263
Delta R.T. -0.135 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:127 Resp: 76565
Ion Ratio Lower Upper
127 100
129 80.6 25.7 38.5#
65 3.5 17.3 25.9#
92 0.5 12.9 19.3#

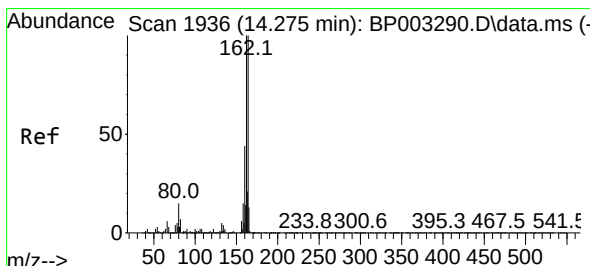
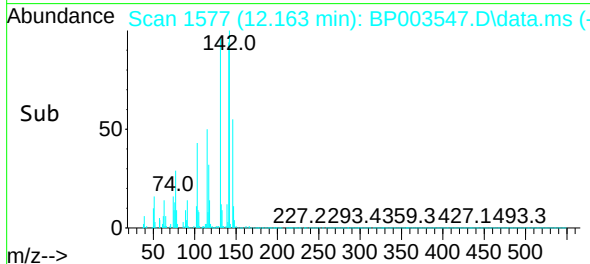
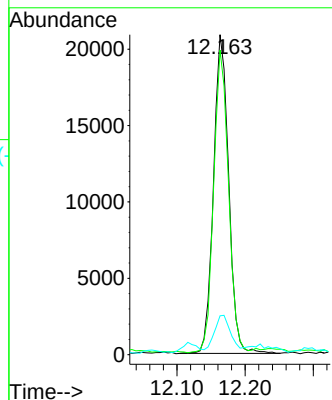
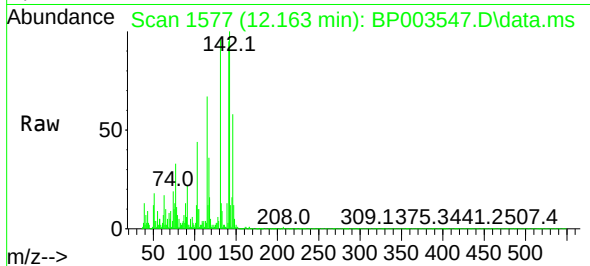




#38
1-Methylnaphthalene
Concen: 2.49 ng
RT: 12.163 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

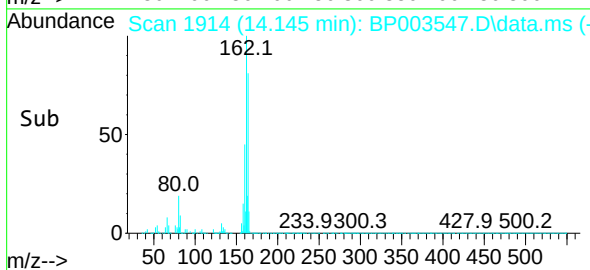
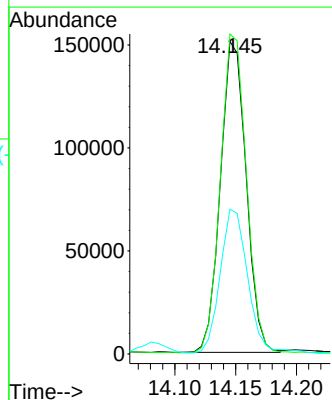
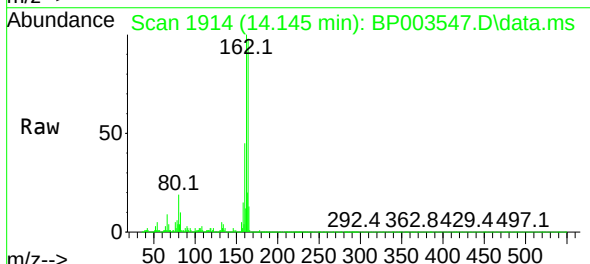
Instrument :
BNA_P
ClientSampleId :
MW-12

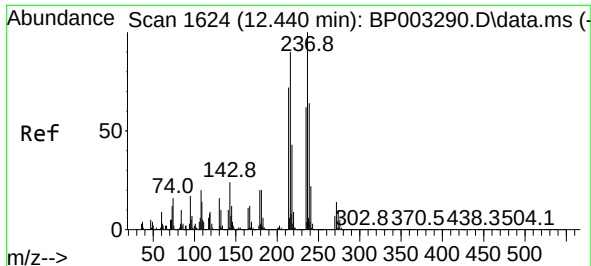
Tgt Ion:142 Resp: 32343
Ion Ratio Lower Upper
142 100
141 95.2 74.4 111.6
116 12.1 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.145 min Scan# 1914
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:164 Resp: 222631
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 46.3 36.1 54.1

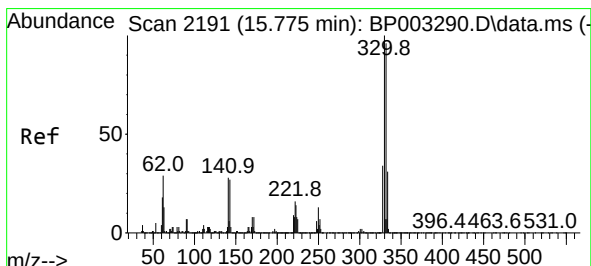
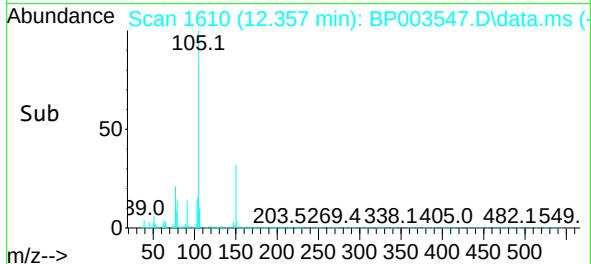
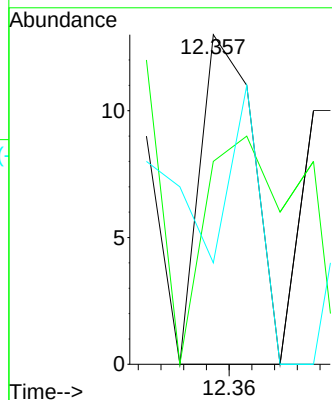
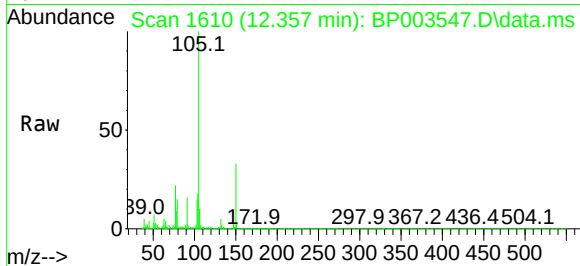




#41
Hexachlorocyclopentadiene
Concen: 6.84 ng
RT: 12.357 min Scan# 1610
Delta R.T. 0.041 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

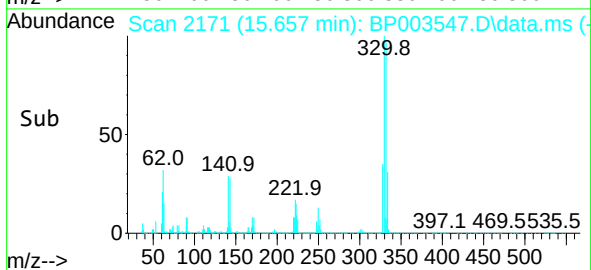
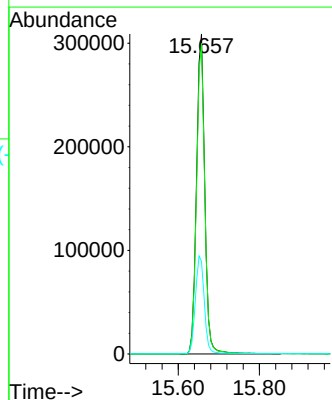
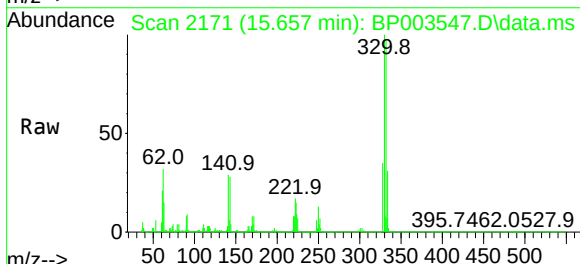
Instrument :
BNA_P
ClientSampleId :
MW-12

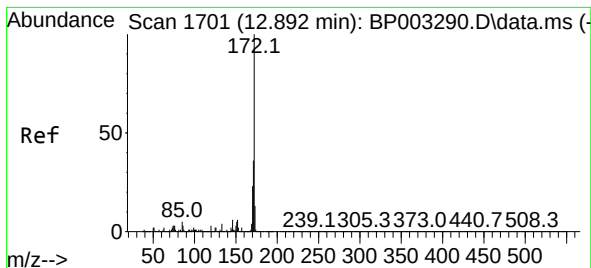
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	61.5	43.2	83.2
272	30.8	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 130.06 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:	330	Resp:	441648
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.1	115.7
141	33.0	23.4	35.2

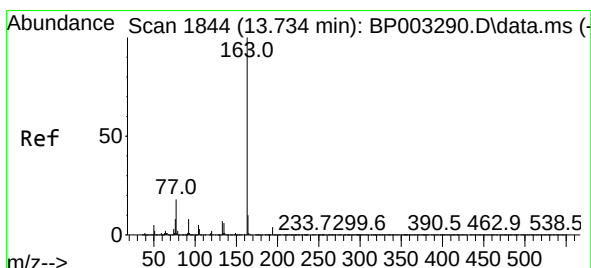
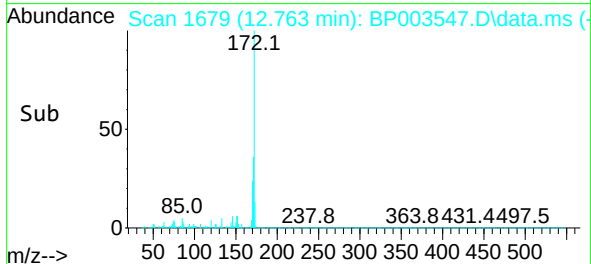
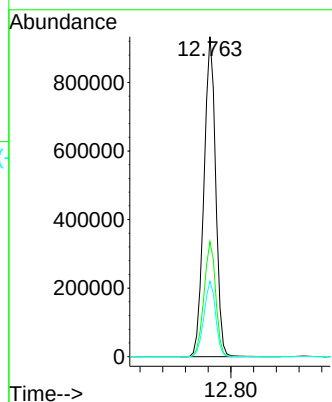
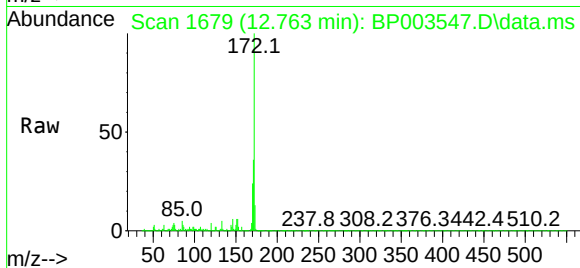




#45
2-Fluorobiphenyl
Concen: 87.64 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

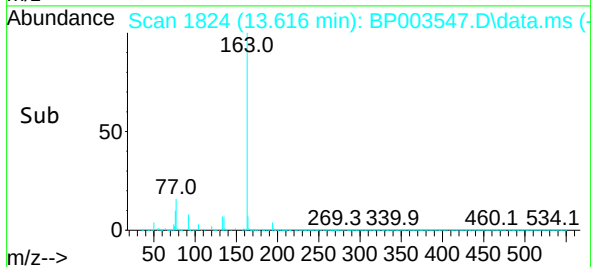
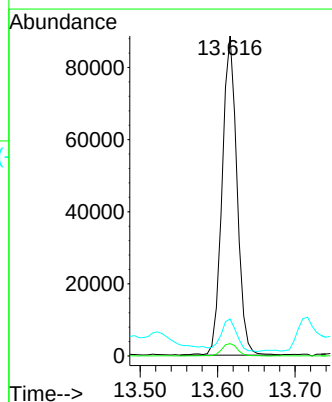
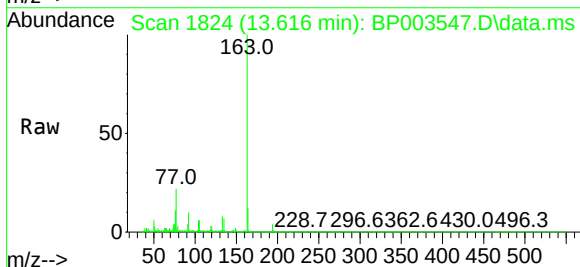
Instrument :
BNA_P
ClientSampleId :
MW-12

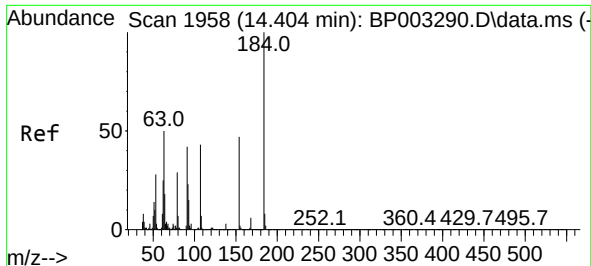
Tgt Ion:172 Resp: 1334113
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.6 19.2 28.8



#50
Dimethylphthalate
Concen: 6.62 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:163 Resp: 117747
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 11.6 8.2 12.2

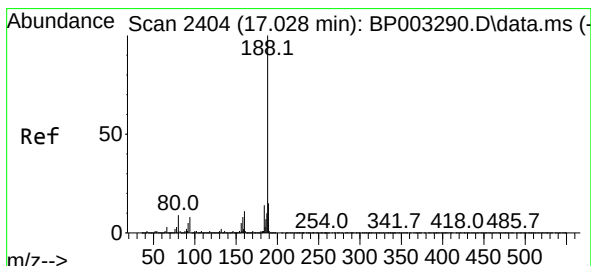
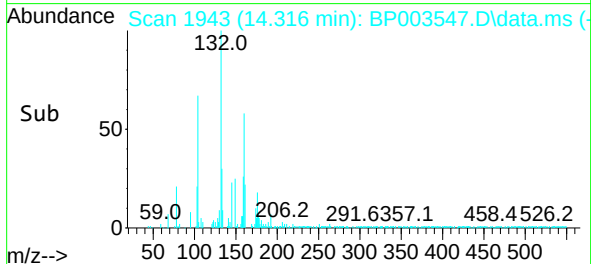
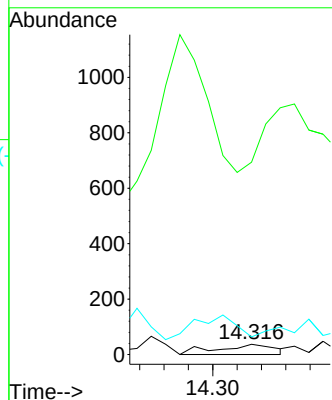
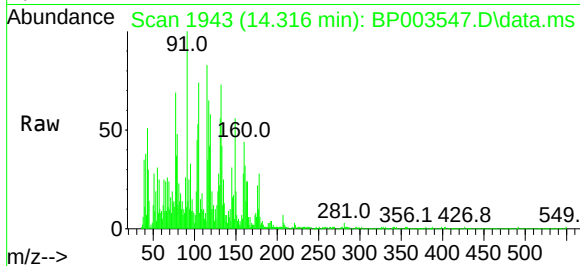




#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

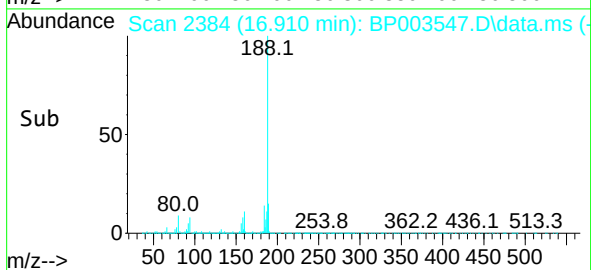
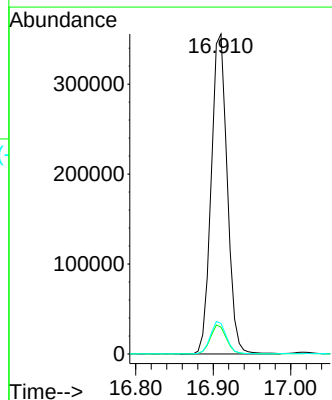
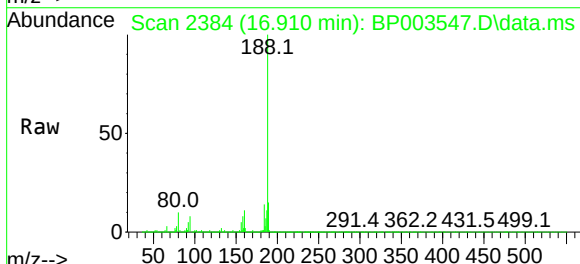
Instrument :
BNA_P
ClientSampleId :
MW-12

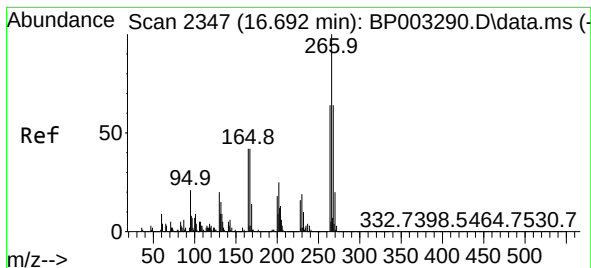
Tgt Ion:184 Resp: 60
Ion Ratio Lower Upper
184 100
63 1875.7 32.3 48.5#
154 173.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:188 Resp: 511030
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.5 6.2 9.2#

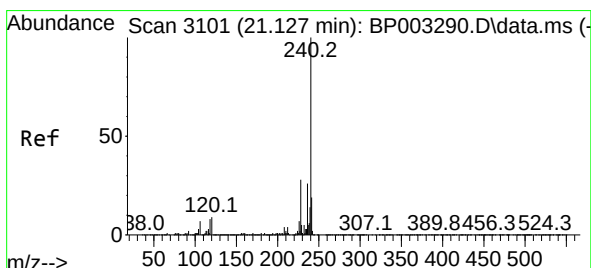
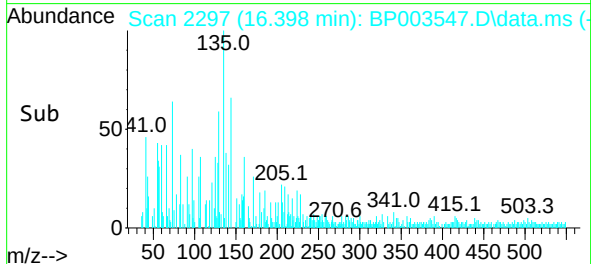
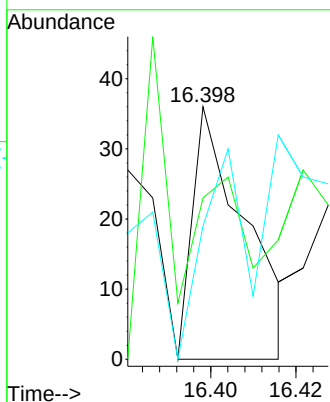
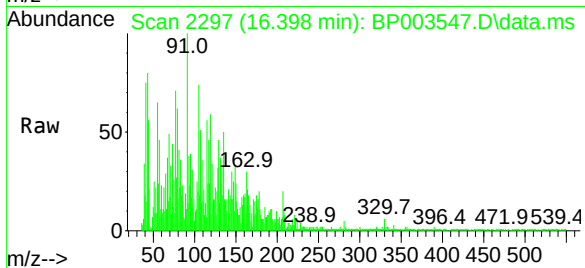




#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.194 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

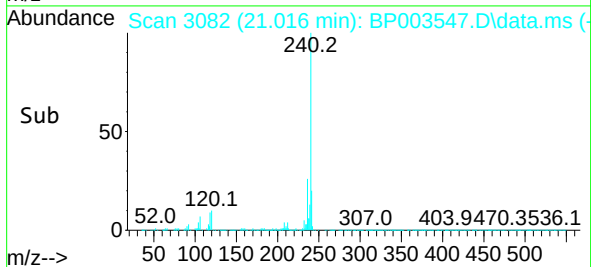
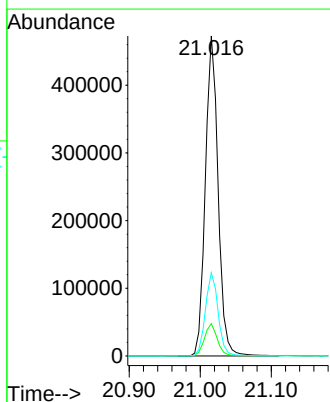
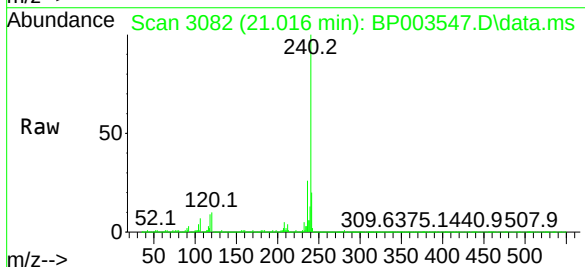
Instrument :
BNA_P
ClientSampleId :
MW-12

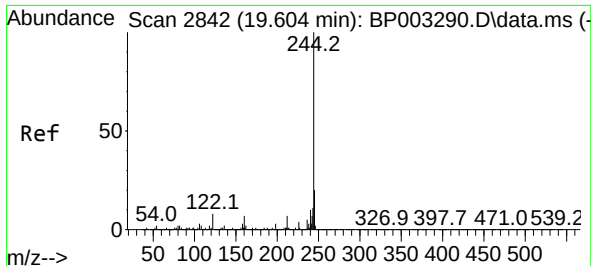
Tgt Ion:266 Resp: 31
Ion Ratio Lower Upper
266 100
268 63.9 51.1 76.7
264 52.8 50.6 76.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003547.D
Acq: 07 Oct 2020 08:24

Tgt Ion:240 Resp: 590971
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 26.0 20.8 31.2

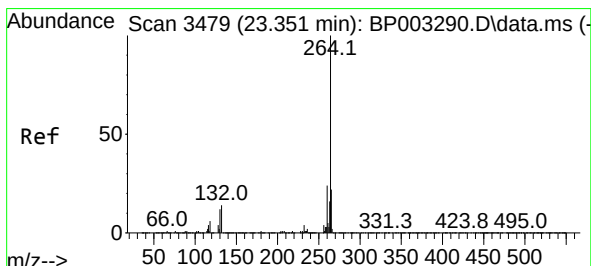
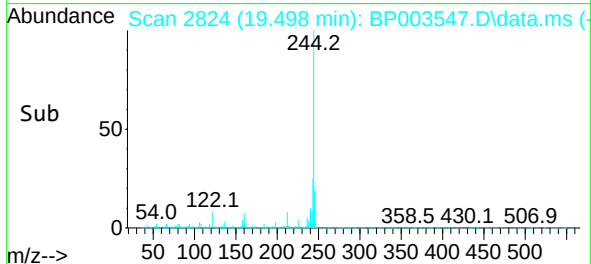
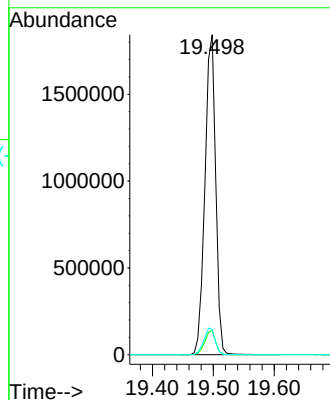
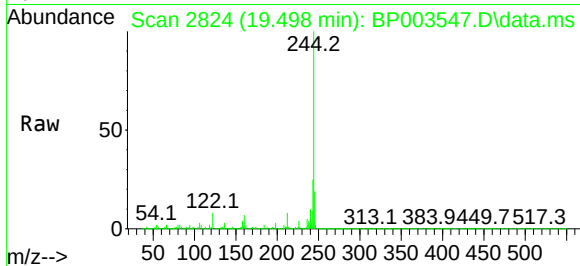




#79
 Terphenyl-d14
 Concen: 79.72 ng
 RT: 19.498 min Scan# 2824
 Delta R.T. -0.006 min
 Lab File: BP003547.D
 Acq: 07 Oct 2020 08:24

Instrument :
 BNA_P
 ClientSampled :
 MW-12

Tgt Ion:244 Resp: 2261165
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 7.9 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.180 min Scan# 3450
 Delta R.T. -0.018 min
 Lab File: BP003547.D
 Acq: 07 Oct 2020 08:24

Tgt Ion:264 Resp: 581569
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 22.1 17.4 26.2

