

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100620\
 Data File : BP003545.D
 Acq On : 07 Oct 2020 07:16
 Operator : CG/JU
 Sample : L4250-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-08

Quant Time: Oct 07 08:20:44 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)

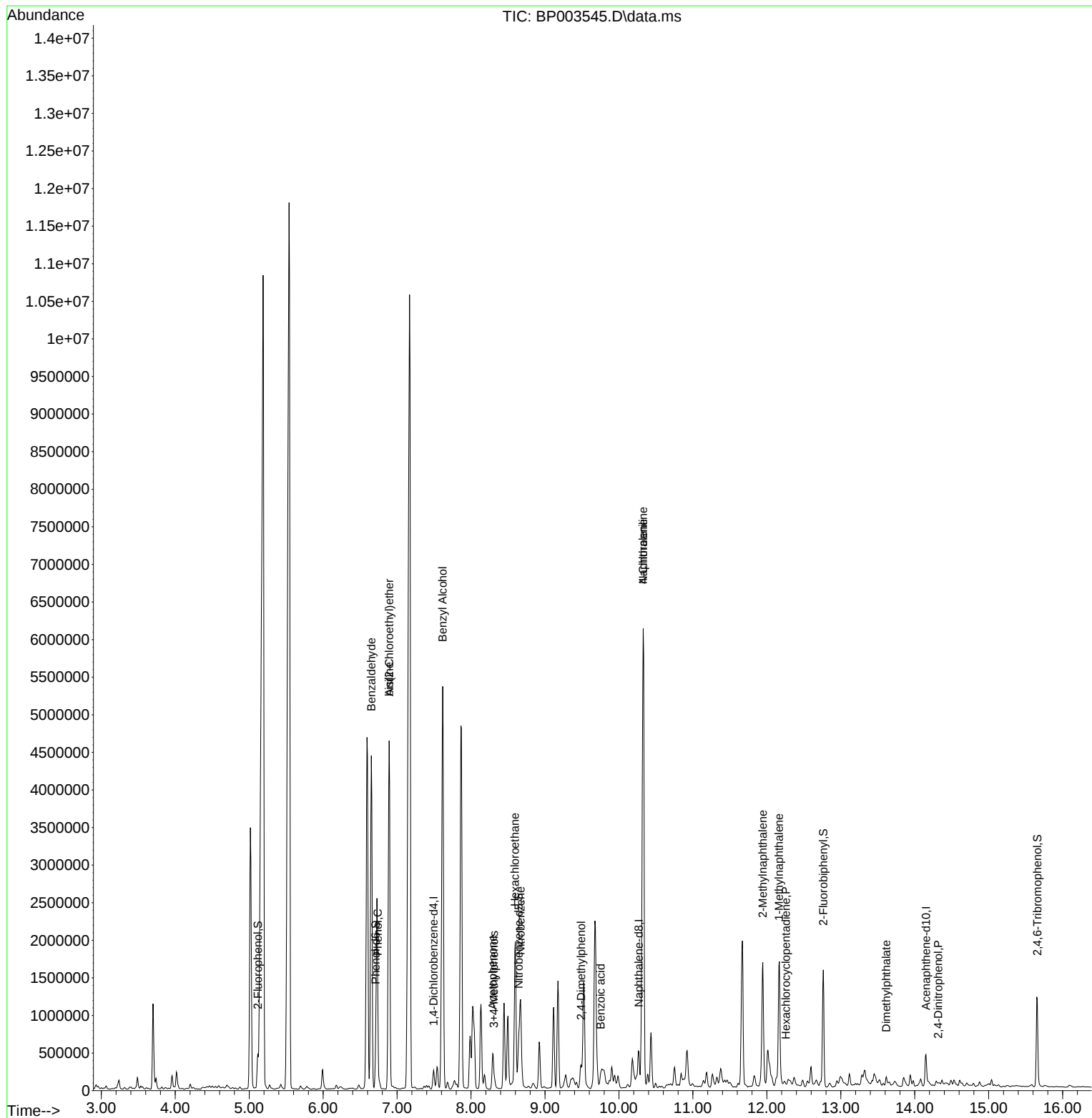
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	59947	20.00	ng	0.00
21) Naphthalene-d8	10.269	136	214328	20.00	ng	# 0.00
39) Acenaphthene-d10	14.151	164	138367	20.00	ng	0.00
64) Phenanthrene-d10	16.910	188	324402	20.00	ng	# 0.00
76) Chrysene-d12	21.016	240	406703	20.00	ng	-0.01
86) Perylene-d12	23.180	264	468620	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.116	112	217058	63.22	ng	0.00
7) Phenol-d6	6.710	99	142621	31.17	ng	0.00
23) Nitrobenzene-d5	8.646	82	352368	96.59	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	249370	118.16	ng	0.00
45) 2-Fluorobiphenyl	12.763	172	766899	81.06	ng	-0.01
79) Terphenyl-d14	19.492	244	1133190	58.05	ng	-0.01
Target Compounds						
						Qvalue
6) Aniline	6.893	93	16179	3.08	ng	# 1
9) Benzaldehyde	6.652	77	317085	124.25	ng	# 1
10) Phenol	6.740	94	13131	3.00	ng	# 1
11) bis(2-Chloroethyl)ether	6.893	93	16179	4.67	ng	# 1
15) Benzyl Alcohol	7.616	79	297029	97.67	ng	# 7
18) Hexachloroethane	8.593	117	243993	141.60	ng	# 1
20) 3+4-Methylphenols	8.310	107	19370	4.61	ng	# 1
22) Acetophenone	8.293	105	361146	68.61	ng	# 61
24) Nitrobenzene	8.669	77	39617	10.85	ng	# 1
27) 2,4-Dimethylphenol	9.487	122	63638	22.57	ng	89
31) Naphthalene	10.328	128	5467866	482.95	ng	98
32) Benzoic acid	9.751	122	17297	16.09	ng	# 53
33) 4-Chloroaniline	10.328	127	766763	159.42	ng	# 37
37) 2-Methylnaphthalene	11.945	142	710710	86.65	ng	# 95
38) 1-Methylnaphthalene	12.163	142	434842	55.84	ng	# 99
41) Hexachlorocyclopentadiene	12.257	237	14	6.85	ng	85
50) Dimethylphthalate	13.616	163	79824	7.22	ng	96
54) 2,4-Dinitrophenol	14.316	184	37	7.28	ng	# 1
70) Pentachlorophenol	16.398	266	27	6.78	ng	90

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

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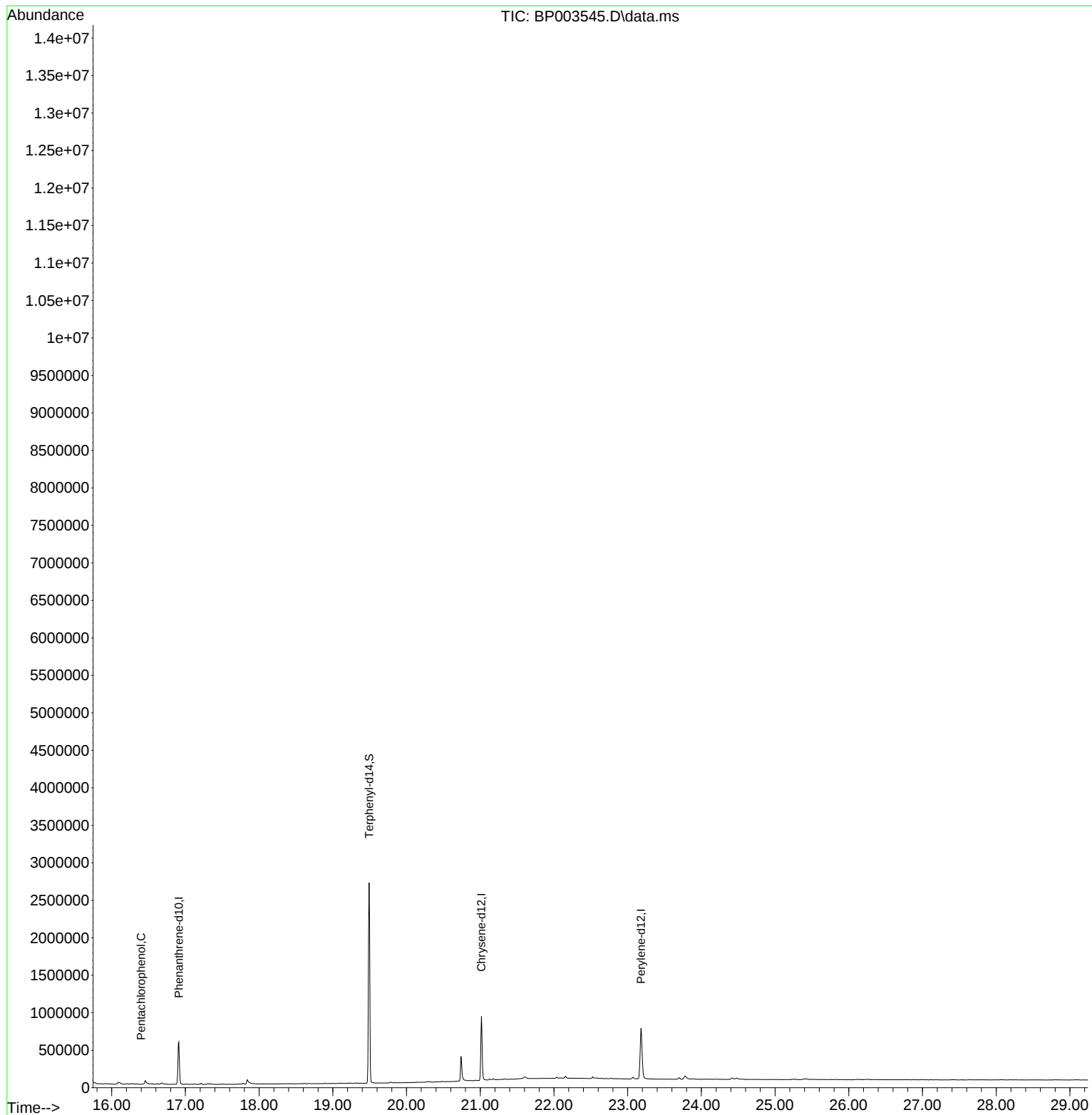
Quant Time: Oct 07 08:20:44 2020
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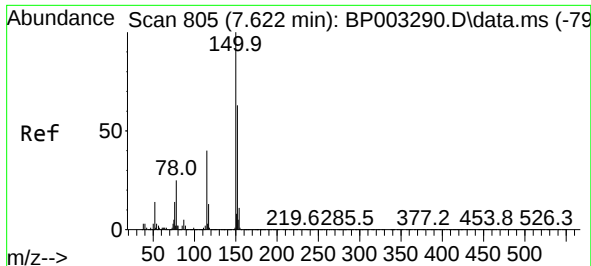


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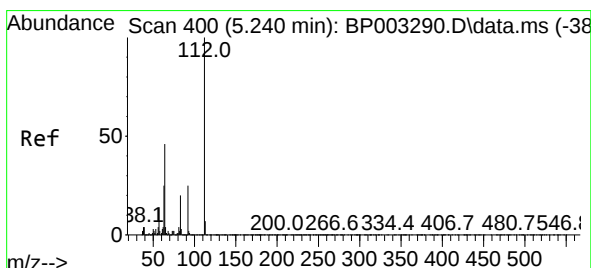
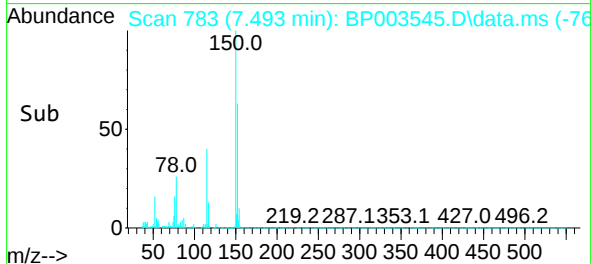
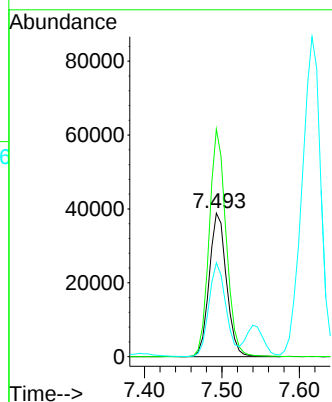
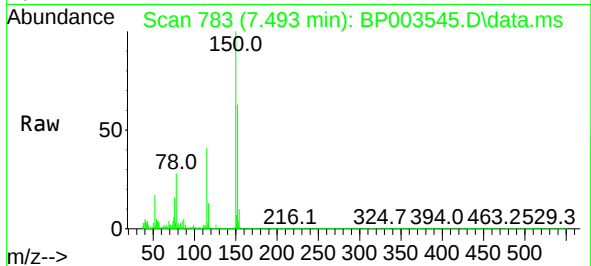




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.493 min Scan# 783
Delta R.T. -0.005 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

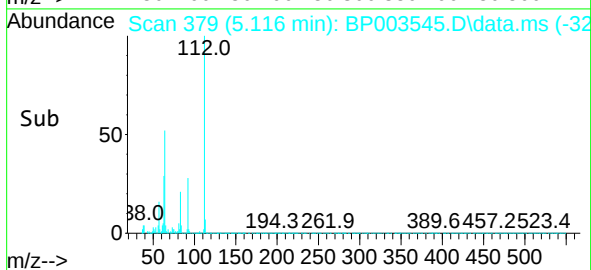
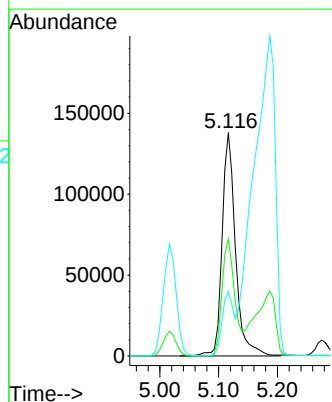
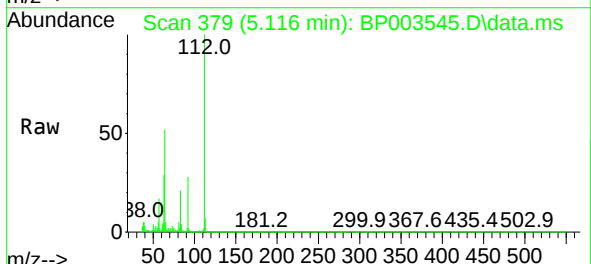
Instrument :
BNA_P
ClientSampleId :
MW-08

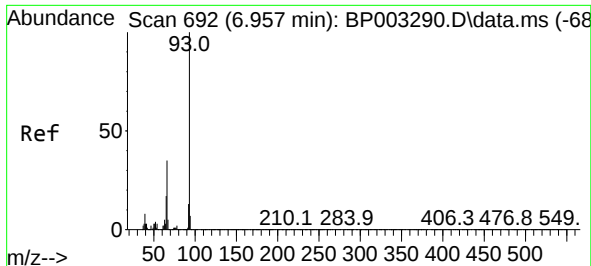
Tgt Ion:152 Resp: 59947
Ion Ratio Lower Upper
152 100
150 158.5 123.8 185.6
115 65.4 43.8 65.6



#5
2-Fluorophenol
Concen: 63.22 ng
RT: 5.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:112 Resp: 217058
Ion Ratio Lower Upper
112 100
64 52.4 32.8 49.2#
63 29.0 17.0 25.4#

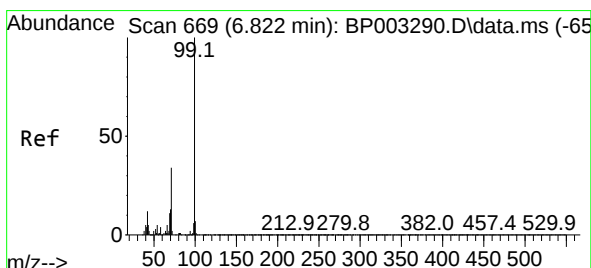
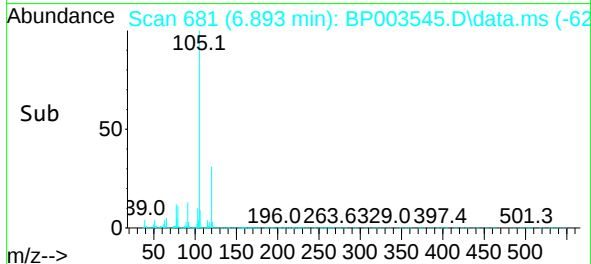
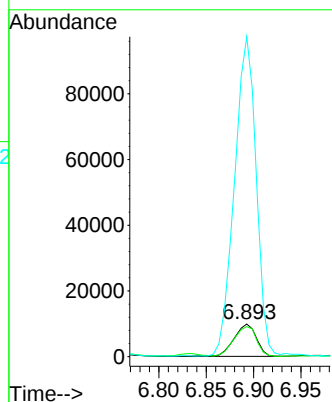
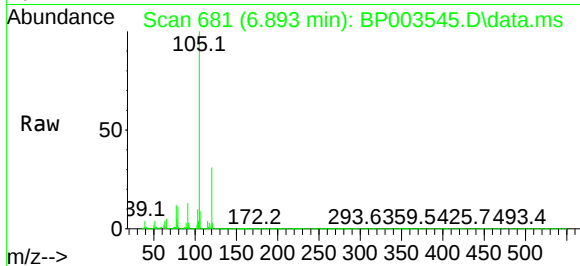




#6
Aniline
Concen: 3.08 ng
RT: 6.893 min Scan# 681
Delta R.T. 0.059 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

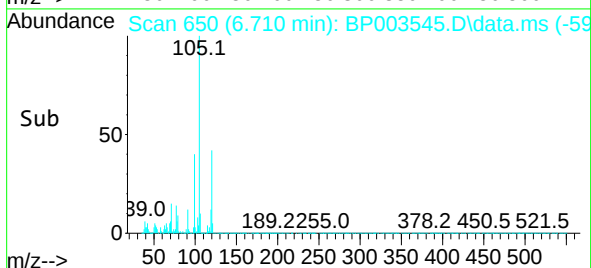
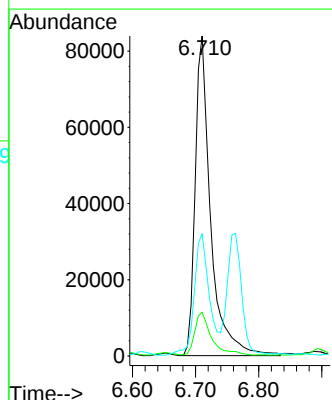
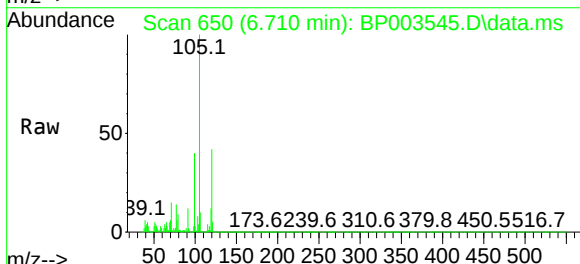
Instrument :
BNA_P
ClientSampleId :
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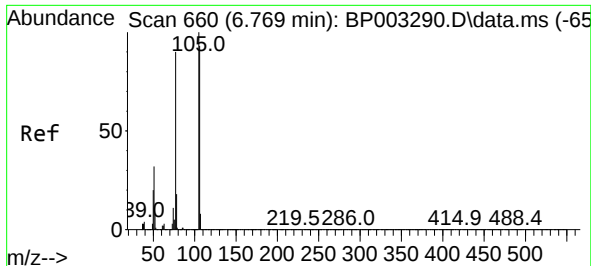
Tgt Ion: 93 Resp: 16179
Ion Ratio Lower Upper
93 100
66 92.2 25.4 38.0#
65 982.4 12.5 18.7#



#7
Phenol-d6
Concen: 31.17 ng
RT: 6.710 min Scan# 650
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion: 99 Resp: 142621
Ion Ratio Lower Upper
99 100
42 13.7 8.6 13.0#
71 38.1 23.4 35.2#

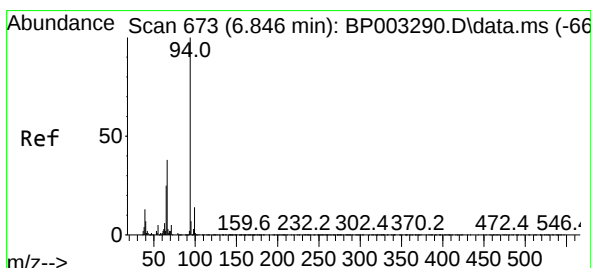
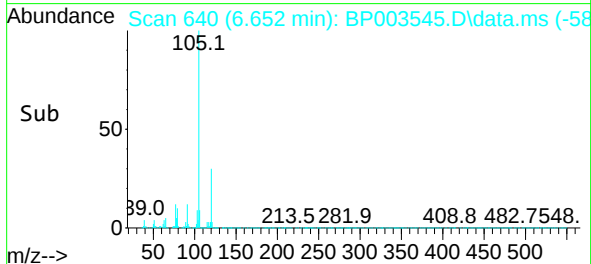
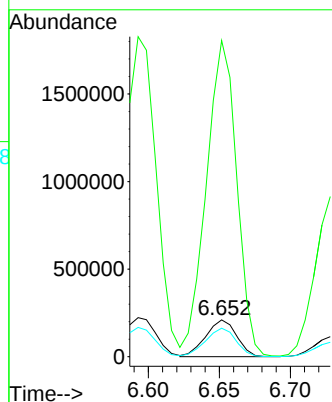
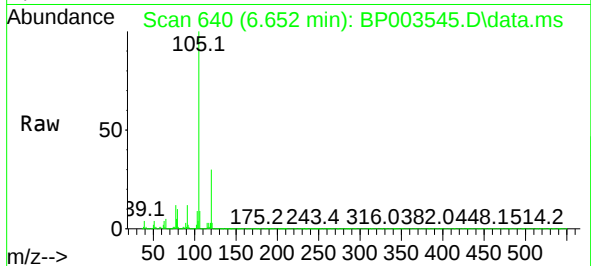




#9
Benzaldehyde
Concen: 124.25 ng
RT: 6.652 min Scan# 640
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

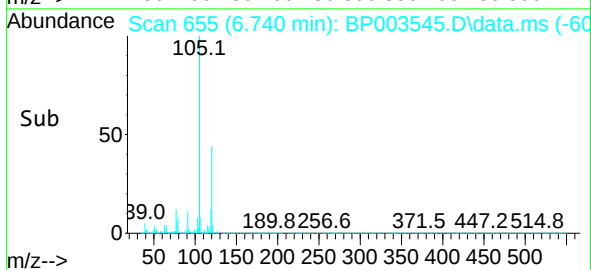
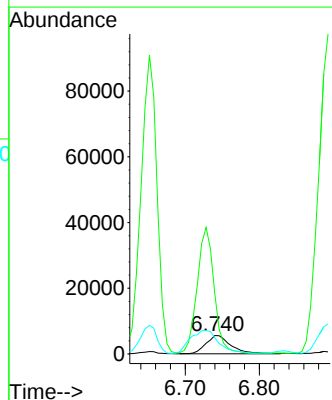
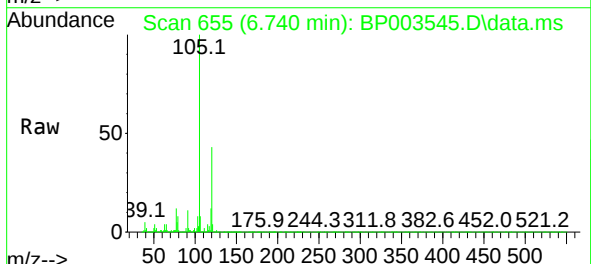
Instrument :
BNA_P
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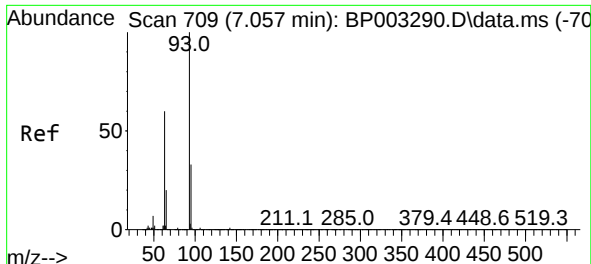
Tgt Ion: 77 Resp: 317085
Ion Ratio Lower Upper
77 100
105 860.0 97.1 137.1#
106 77.4 93.7 133.7#



#10
Phenol
Concen: 3.00 ng
RT: 6.740 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

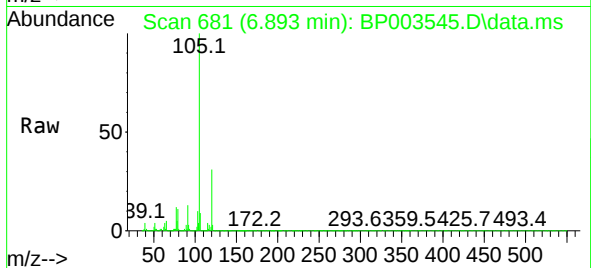
Tgt Ion: 94 Resp: 13131
Ion Ratio Lower Upper
94 100
65 331.2 2.3 42.3#
66 89.0 10.9 50.9#



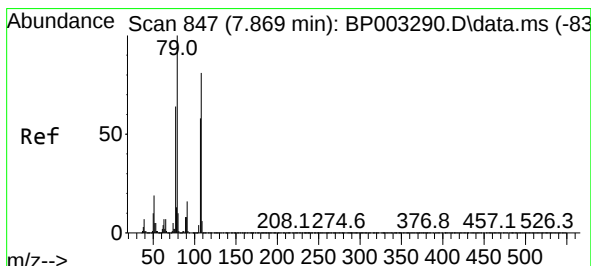
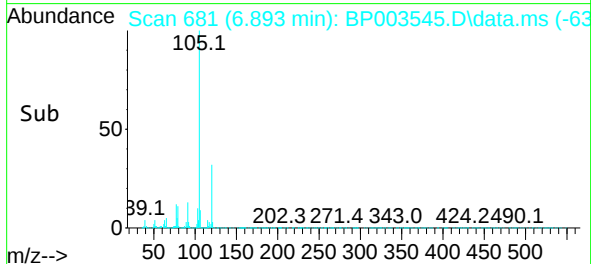
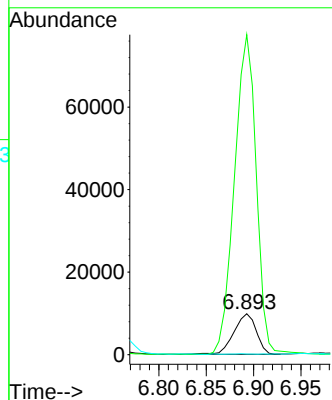


#11
bis(2-Chloroethyl)ether
Concen: 4.67 ng
RT: 6.893 min Scan# 681
Delta R.T. -0.041 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Instrument :
BNA_P
ClientSampleId :
MW-08

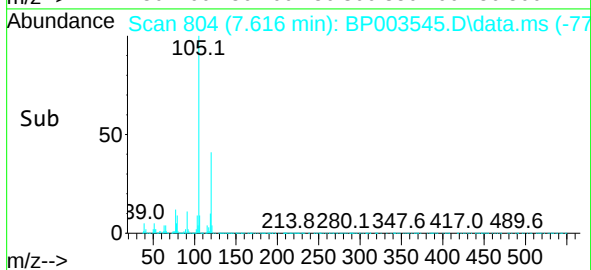
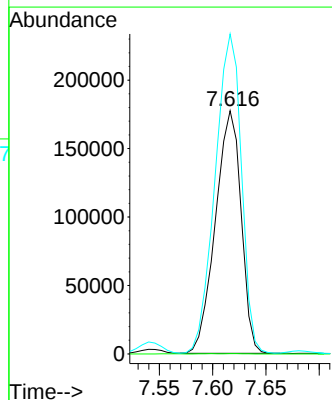
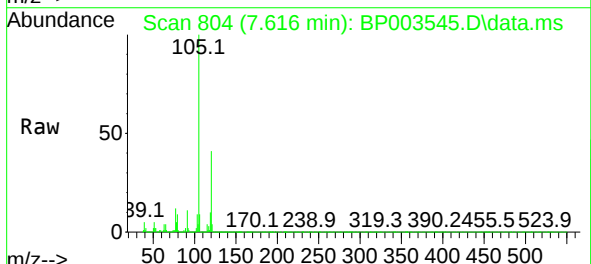


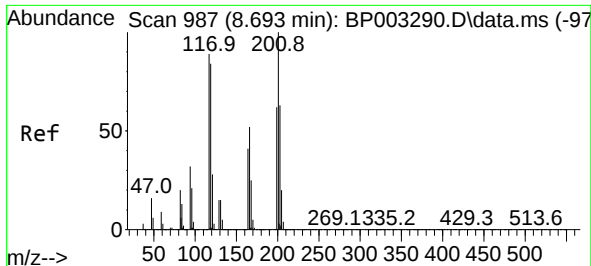
Tgt Ion: 93 Resp: 16179
Ion Ratio Lower Upper
93 100
63 782.2 39.0 79.0#
95 1.7 12.8 52.8#



#15
Benzyl Alcohol
Concen: 97.67 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.135 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion: 79 Resp: 297029
Ion Ratio Lower Upper
79 100
108 0.1 73.5 110.3#
77 131.6 50.3 75.5#

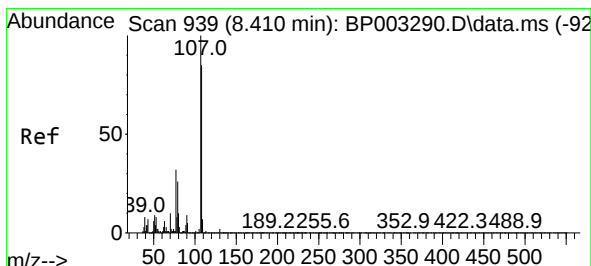
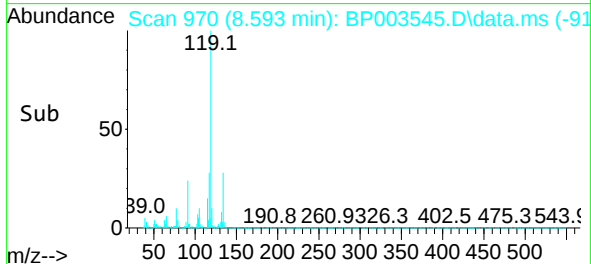
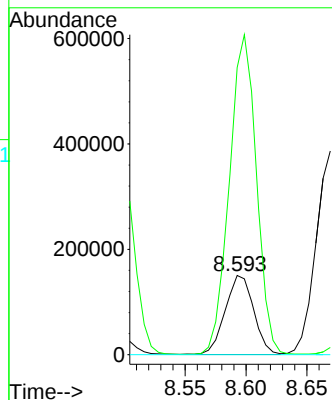
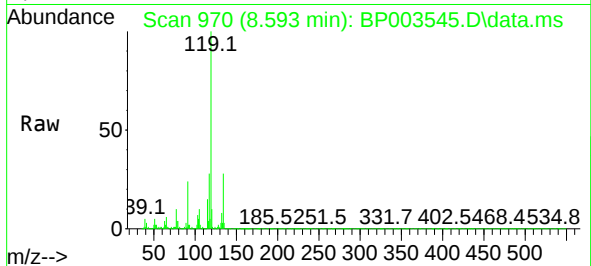




#18
Hexachloroethane
Concen: 141.60 ng
RT: 8.593 min Scan# 970
Delta R.T. 0.030 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

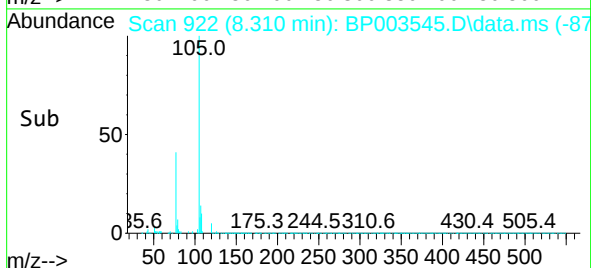
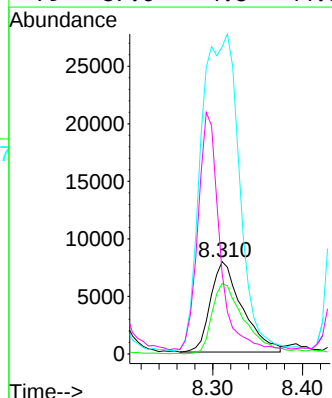
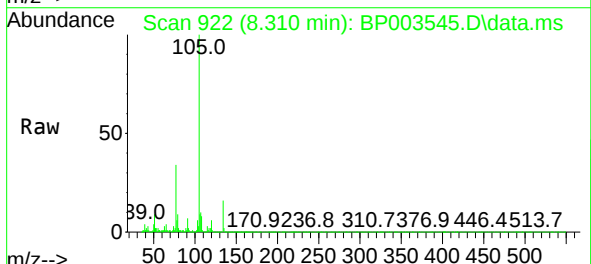
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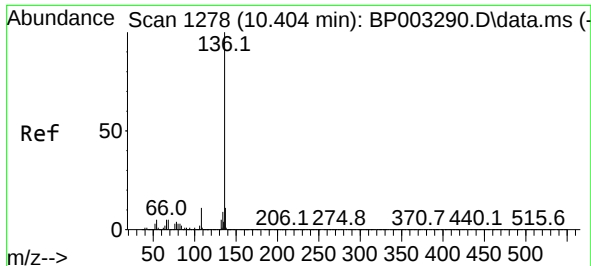
Tgt Ion:117 Resp: 243993
Ion Ratio Lower Upper
117 100
119 362.3 78.8 118.2#
201 0.0 92.3 138.5#



#20
3+4-Methylphenols
Concen: 4.61 ng
RT: 8.310 min Scan# 922
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:107 Resp: 19370
Ion Ratio Lower Upper
107 100
108 76.4 69.0 109.0
77 332.9 8.5 48.5#
79 87.6 4.8 44.8#

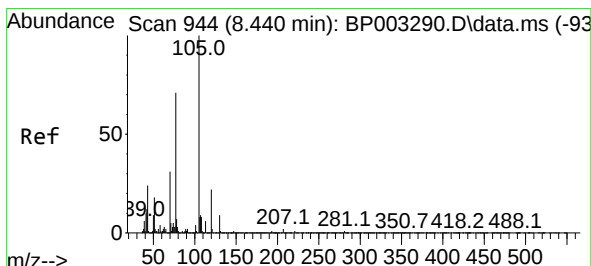
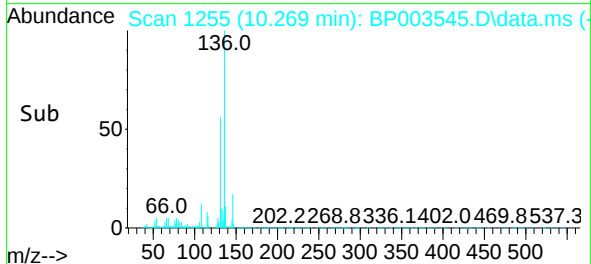
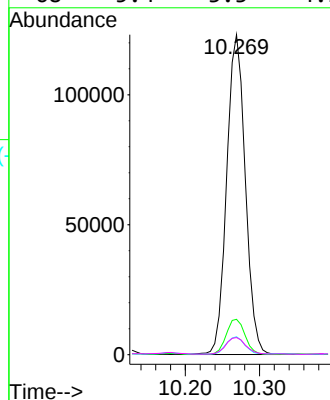
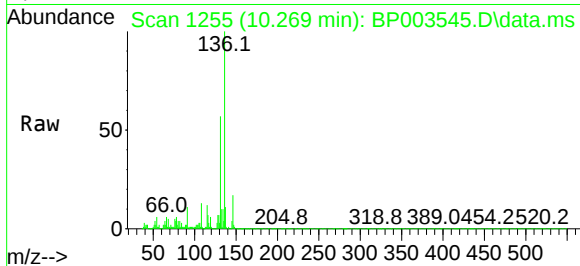




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.269 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

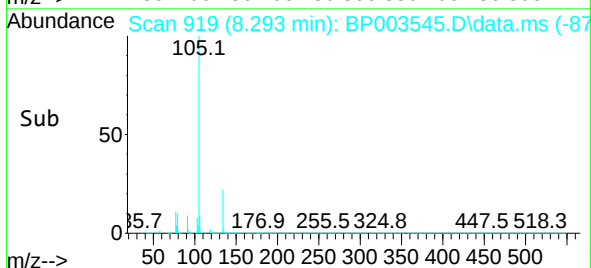
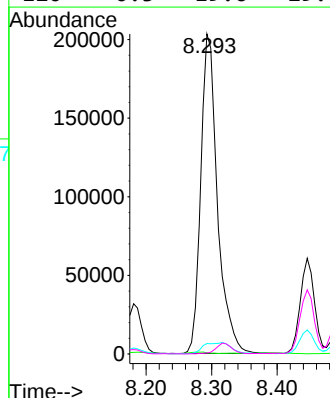
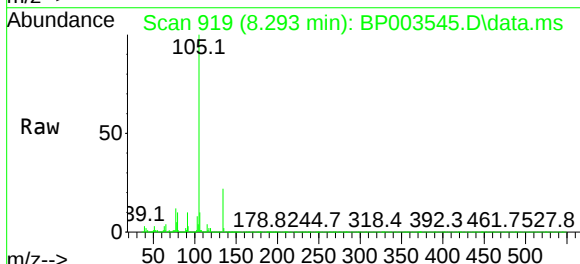
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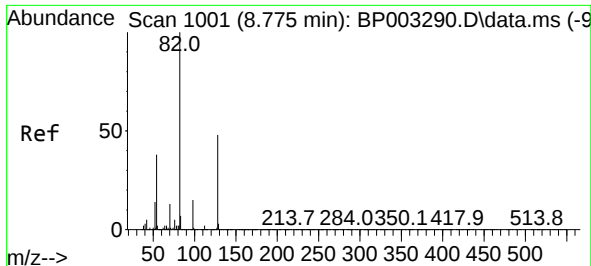
Tgt Ion:	136	Resp:	214328
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.6	3.6	5.4#
68	5.4	3.3	4.9#



#22
Acetophenone
Concen: 68.61 ng
RT: 8.293 min Scan# 919
Delta R.T. -0.029 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:	105	Resp:	361146
Ion Ratio	Lower	Upper	
105	100		
71	0.3	2.6	3.8#
51	3.3	13.5	20.3#
120	0.3	19.6	29.4#

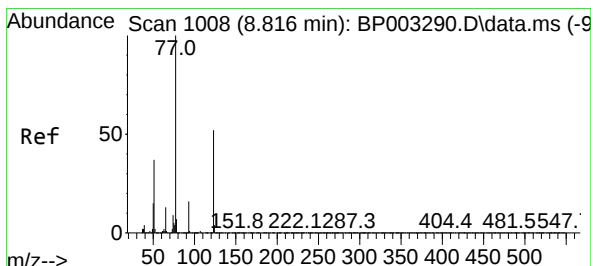
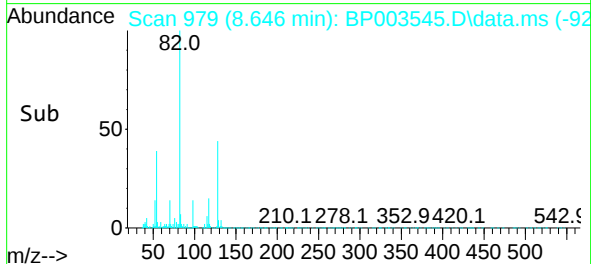
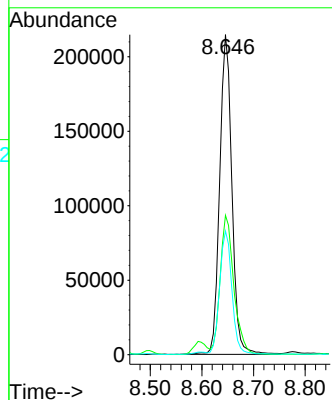
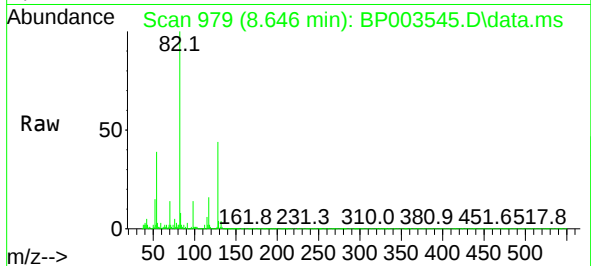




#23
Nitrobenzene-d5
Concen: 96.59 ng
RT: 8.646 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

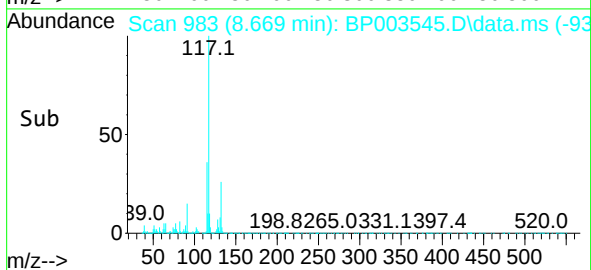
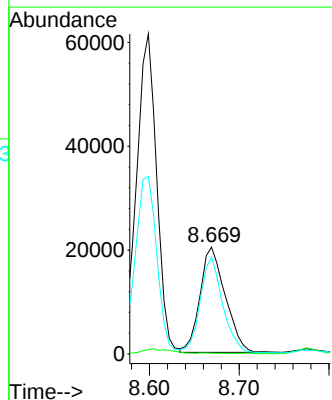
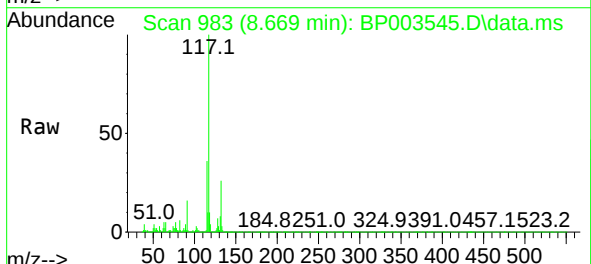
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ClientSampleId :
MW-08

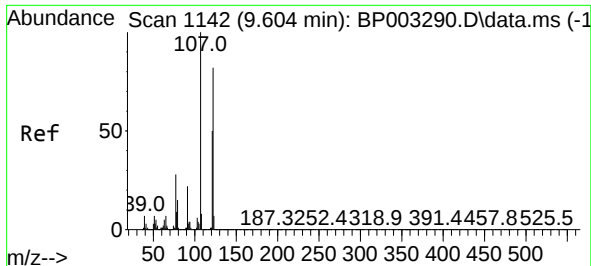
Tgt Ion: 82 Resp: 352368
Ion Ratio Lower Upper
82 100
128 43.5 45.6 68.4#
54 38.6 30.1 45.1



#24
Nitrobenzene
Concen: 10.85 ng
RT: 8.669 min Scan# 983
Delta R.T. -0.023 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion: 77 Resp: 39617
Ion Ratio Lower Upper
77 100
123 0.8 48.6 72.8#
65 90.8 10.0 15.0#

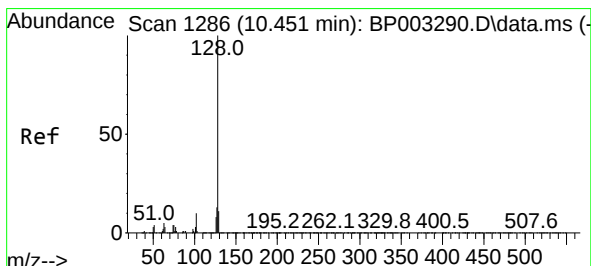
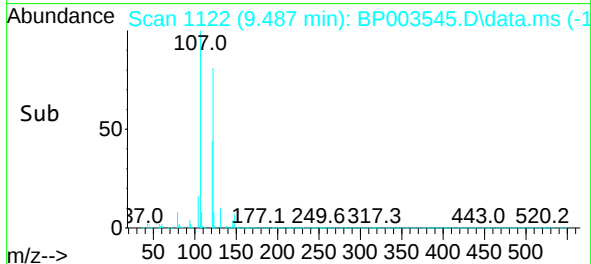
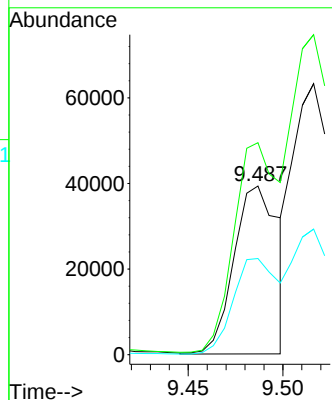
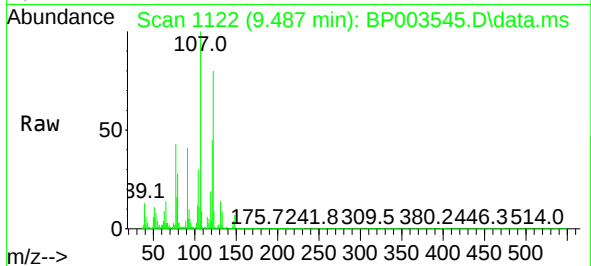




#27
2,4-Dimethylphenol
Concen: 22.57 ng
RT: 9.487 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

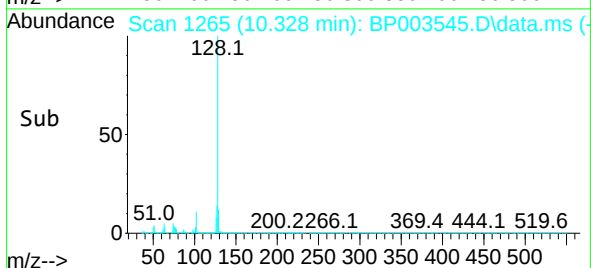
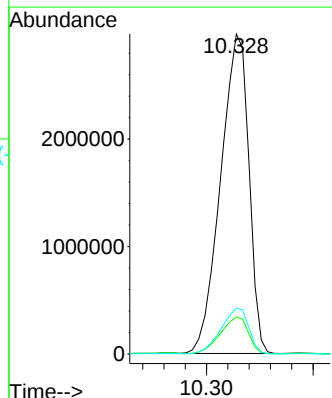
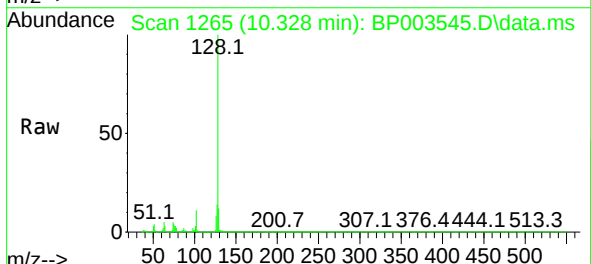
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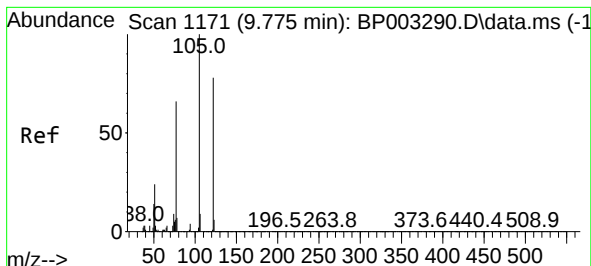
Tgt Ion:122 Resp: 63638
Ion Ratio Lower Upper
122 100
107 125.8 87.3 130.9
121 57.1 47.3 70.9



#31
Naphthalene
Concen: 482.95 ng
RT: 10.328 min Scan# 1265
Delta R.T. 0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:128 Resp: 5467866
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.3 10.6 15.8

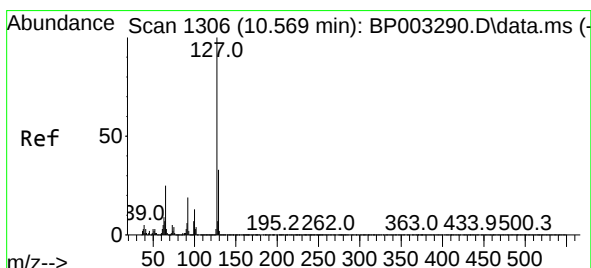
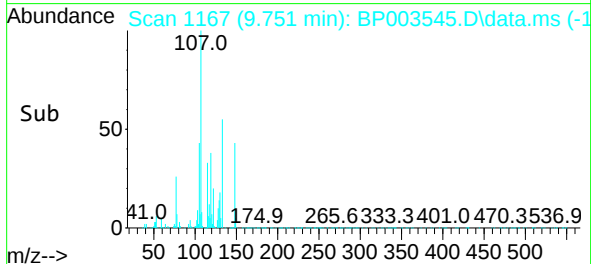
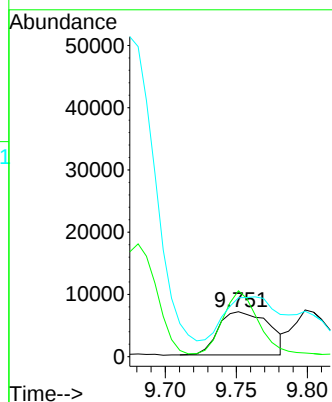
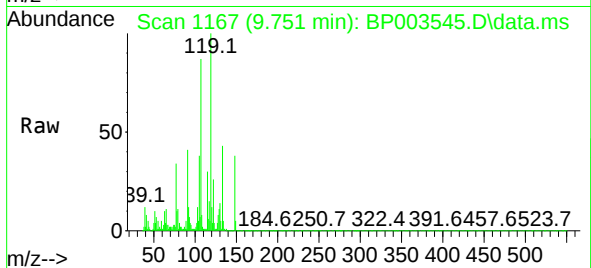




#32
Benzoic acid
Concen: 16.09 ng
RT: 9.751 min Scan# 1167
Delta R.T. 0.059 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

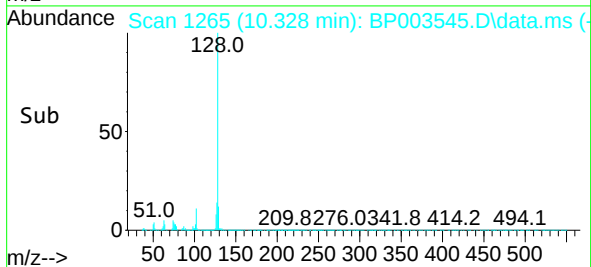
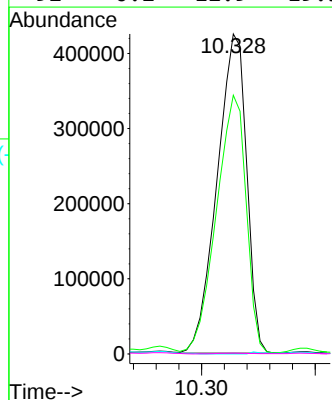
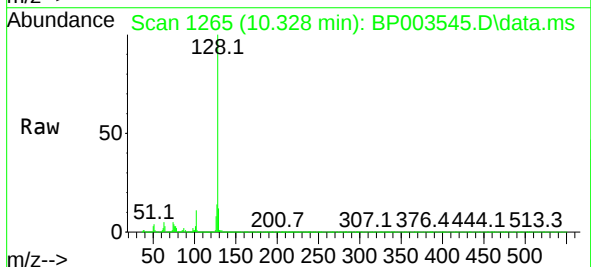
Instrument :
BNA_P
ClientSampleId :
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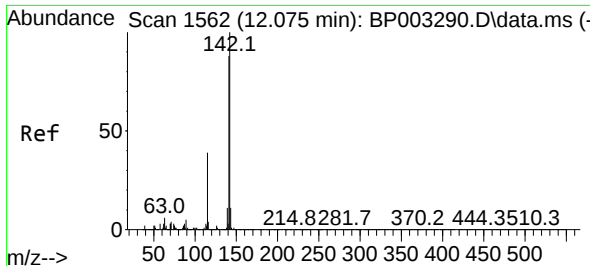
Tgt Ion:122 Resp: 17297
Ion Ratio Lower Upper
122 100
105 146.7 94.1 134.1#
77 131.1 50.1 90.1#



#33
4-Chloroaniline
Concen: 159.42 ng
RT: 10.328 min Scan# 1265
Delta R.T. -0.123 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:127 Resp: 766763
Ion Ratio Lower Upper
127 100
129 80.8 25.7 38.5#
65 0.0 17.3 25.9#
92 0.2 12.9 19.3#

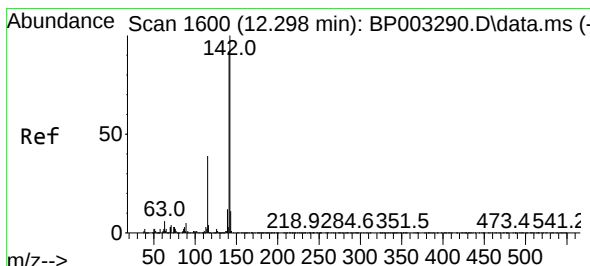
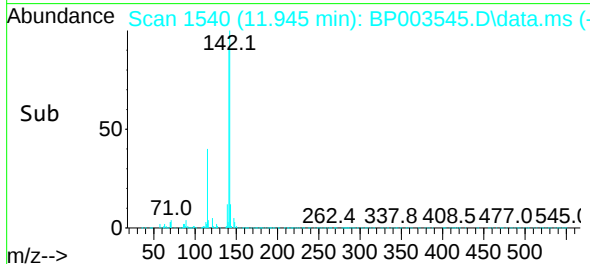
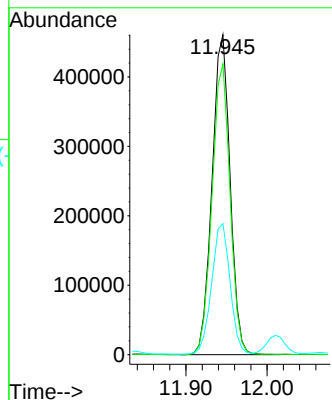
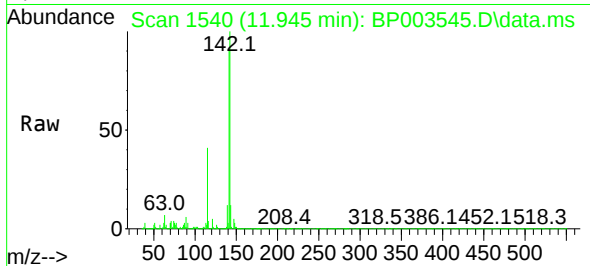




#37
2-Methylnaphthalene
Concen: 86.65 ng
RT: 11.945 min Scan# 1540
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

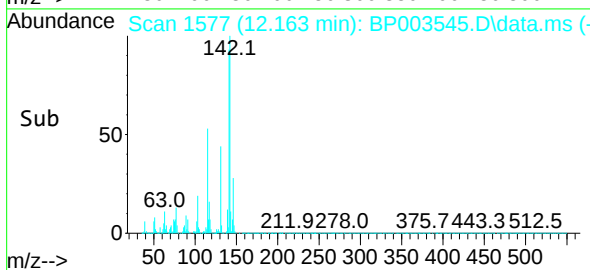
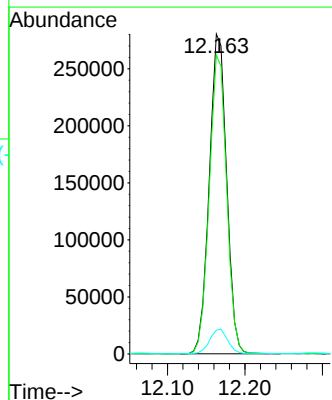
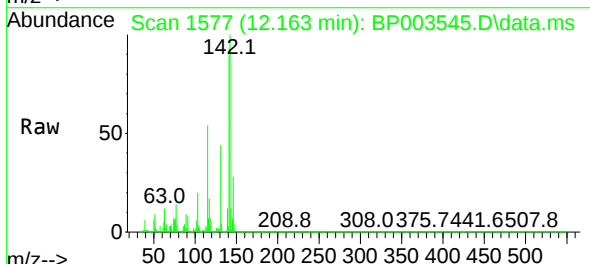
Instrument :
BNA_P
ClientSampleId :
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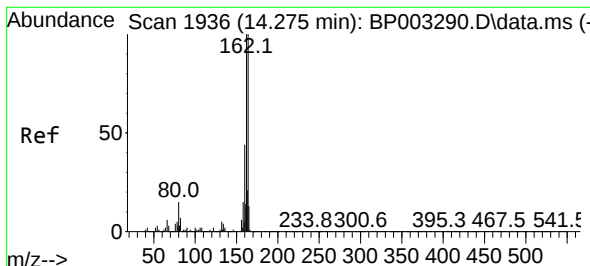
Tgt Ion:142 Resp: 710710
Ion Ratio Lower Upper
142 100
141 90.9 71.4 107.2
115 41.0 25.8 38.6#



#38
1-Methylnaphthalene
Concen: 55.84 ng
RT: 12.163 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:142 Resp: 434842
Ion Ratio Lower Upper
142 100
141 93.4 74.4 111.6
116 7.5 2.9 4.3#

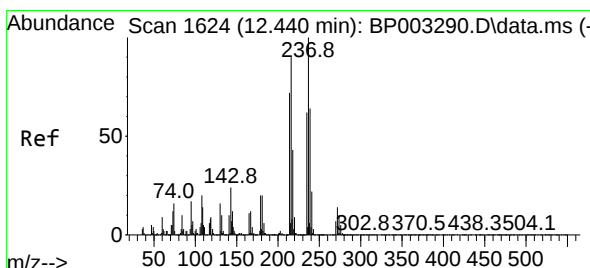
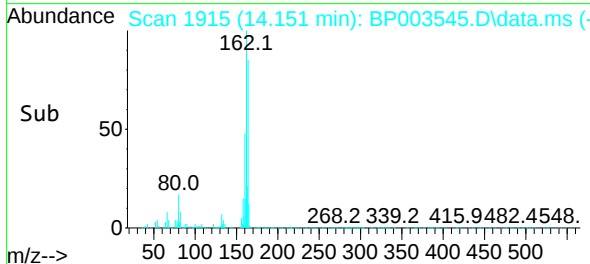
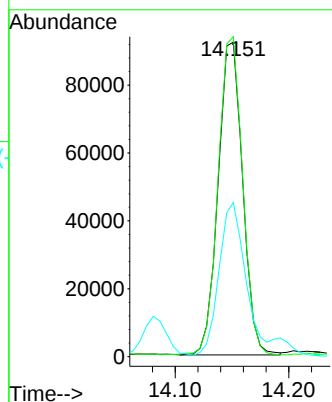
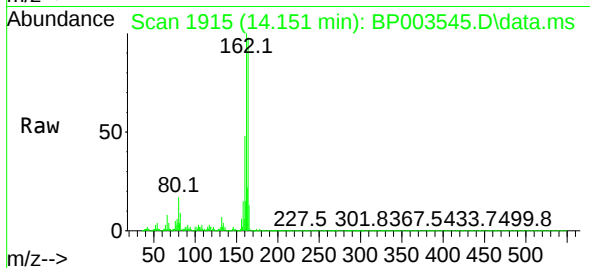




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.151 min Scan# 1915
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

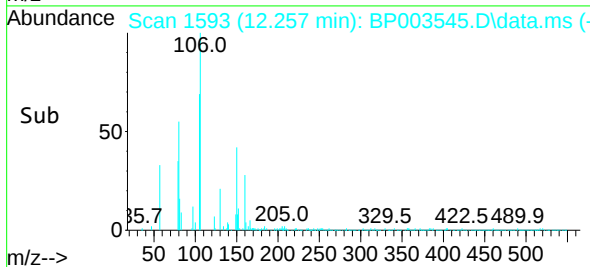
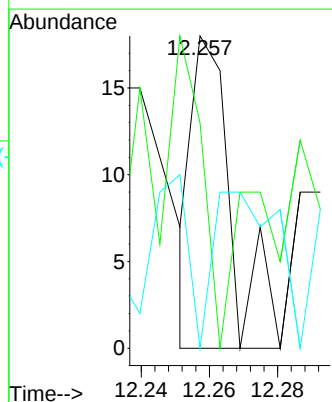
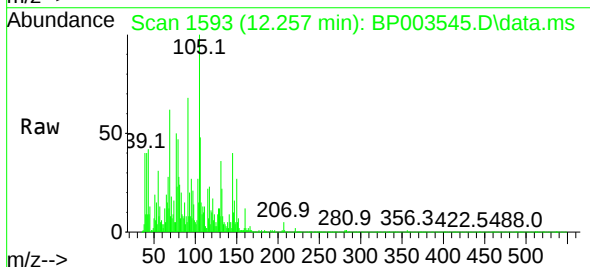
Instrument :
BNA_P
ClientSampleId :
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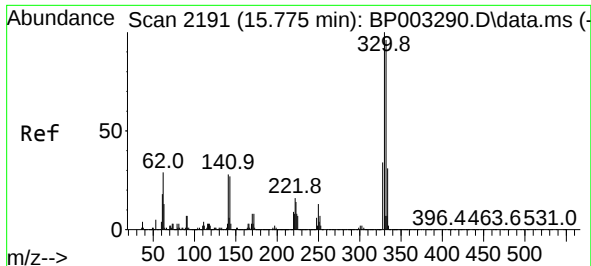
Tgt Ion:164 Resp: 138367
Ion Ratio Lower Upper
164 100
162 101.7 79.4 119.2
160 49.0 36.1 54.1



#41
Hexachlorocyclopentadiene
Concen: 6.85 ng
RT: 12.257 min Scan# 1593
Delta R.T. -0.059 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 72.2 43.2 83.2
272 0.0 0.0 33.3

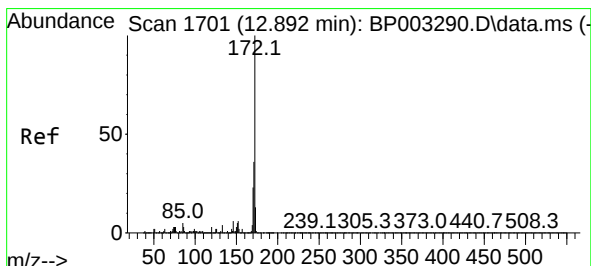
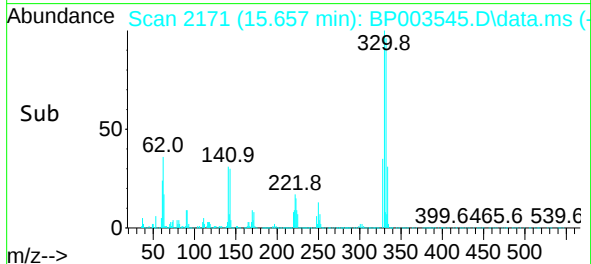
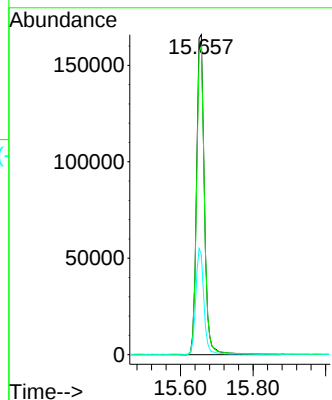
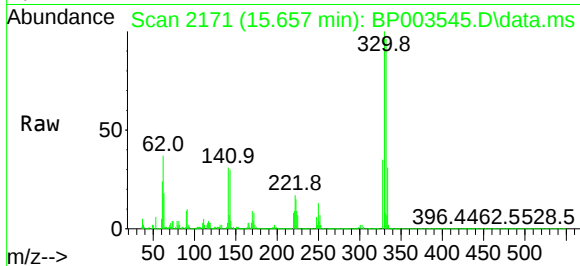




#42
2,4,6-Tribromophenol
Concen: 118.16 ng
RT: 15.657 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

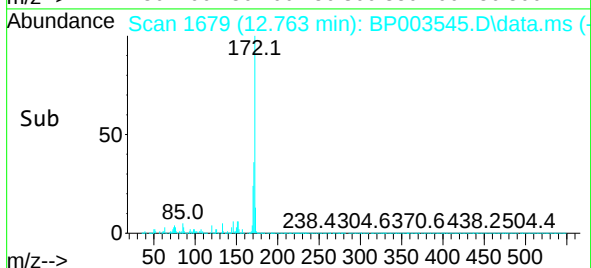
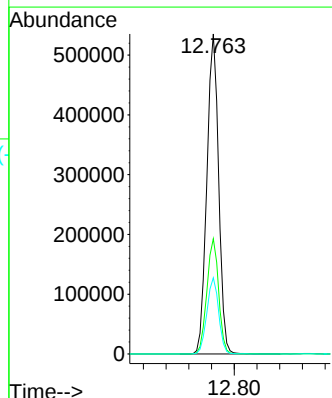
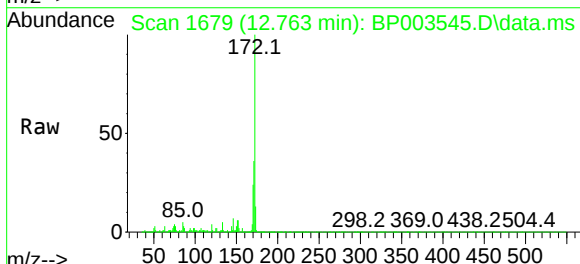
Instrument :
BNA_P
ClientSampleId :
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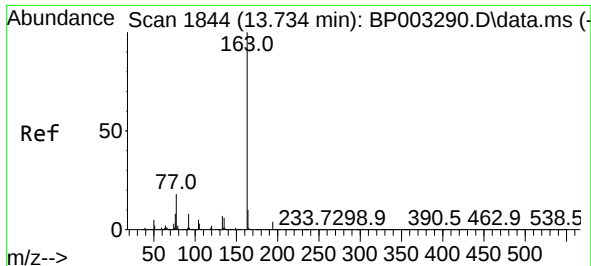
Tgt Ion:330 Resp: 249370
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 33.8 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.06 ng
RT: 12.763 min Scan# 1679
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:172 Resp: 766899
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.8 19.2 28.8

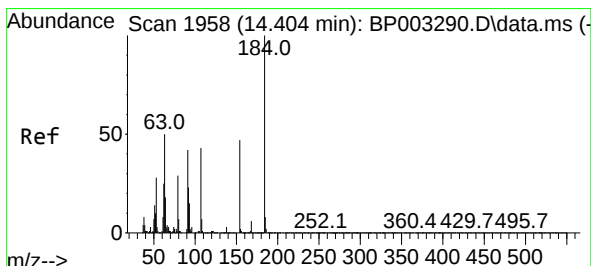
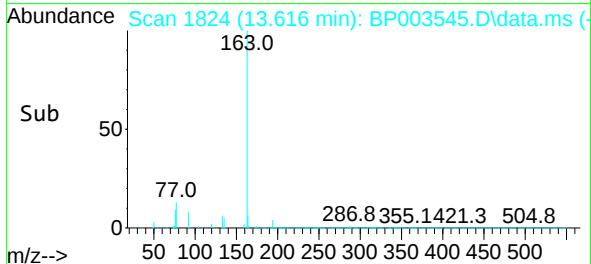
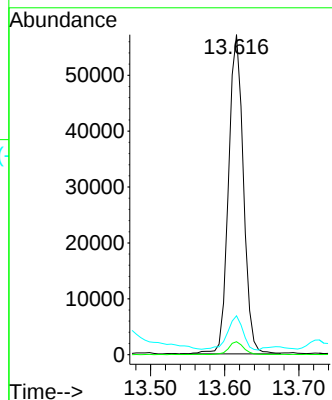
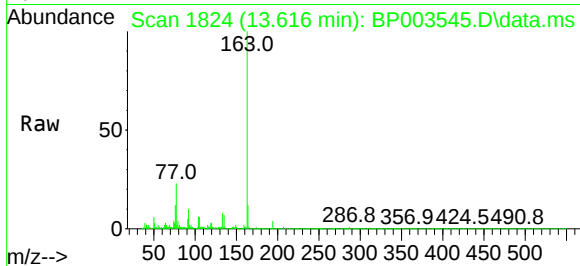




#50
Dimethylphthalate
Concen: 7.22 ng
RT: 13.616 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

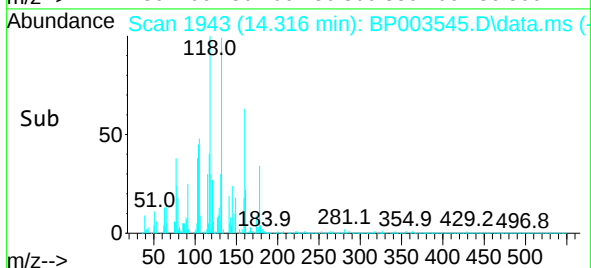
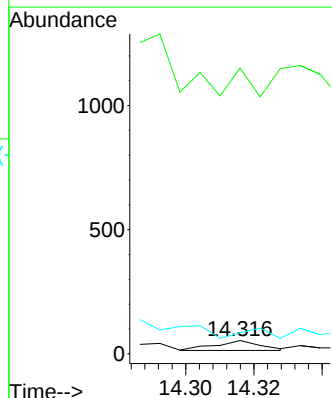
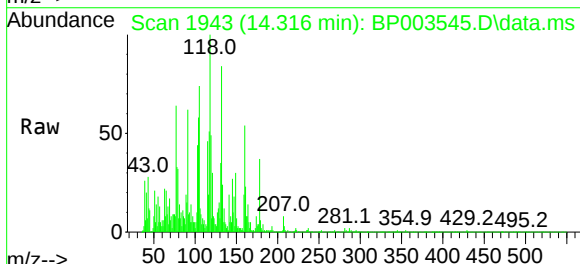
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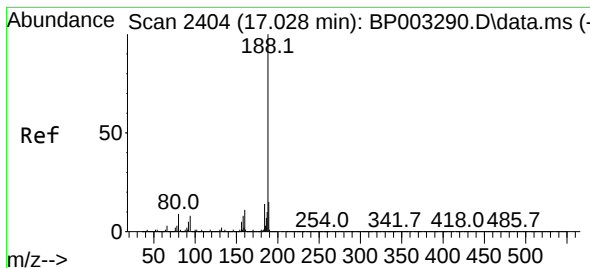
Tgt Ion:163 Resp: 79824
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 12.1 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 7.28 ng
RT: 14.316 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:184 Resp: 37
Ion Ratio Lower Upper
184 100
63 2131.5 32.3 48.5#
154 157.4 49.1 73.7#

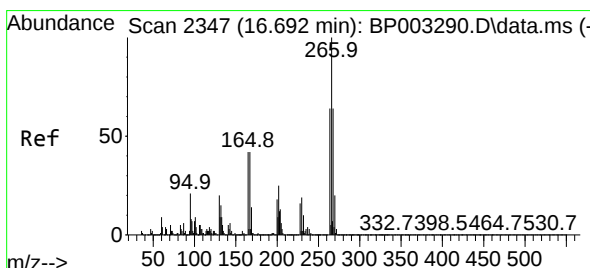
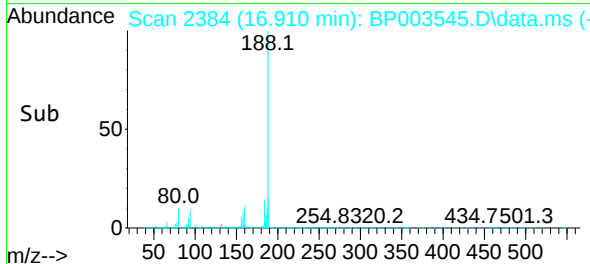
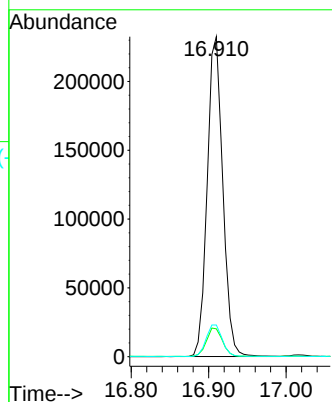
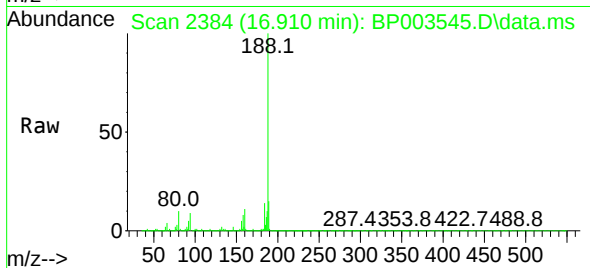




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.910 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

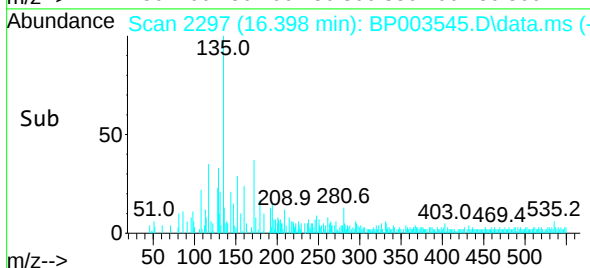
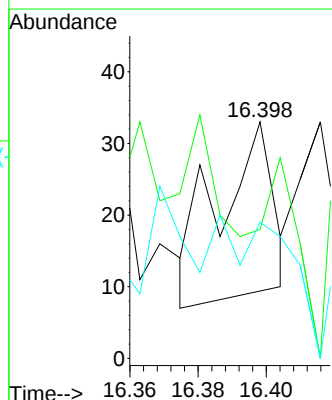
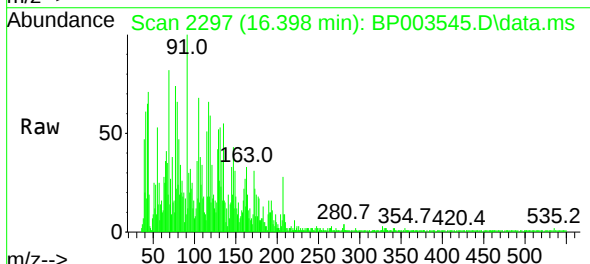
Instrument :
BNA_P
ClientSampleId :
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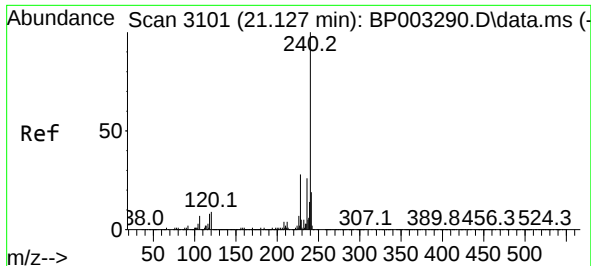
Tgt Ion:188 Resp: 324402
Ion Ratio Lower Upper
188 100
94 8.7 6.2 9.2
80 9.9 6.2 9.2#



#70
Pentachlorophenol
Concen: 6.78 ng
RT: 16.398 min Scan# 2297
Delta R.T. -0.194 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:266 Resp: 27
Ion Ratio Lower Upper
266 100
268 54.5 51.1 76.7
264 57.6 50.6 76.0

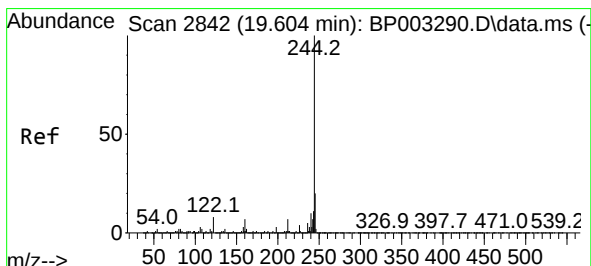
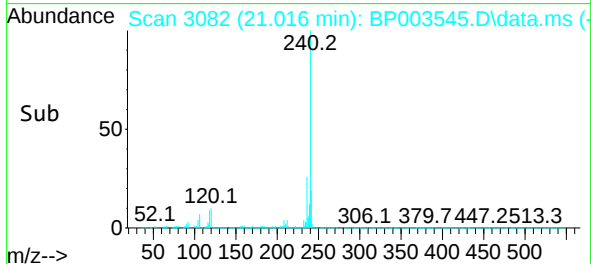
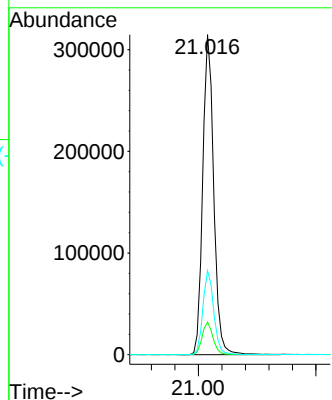
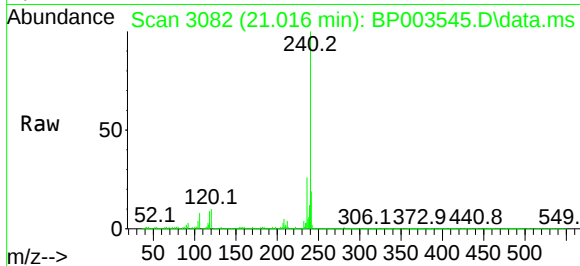




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.016 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

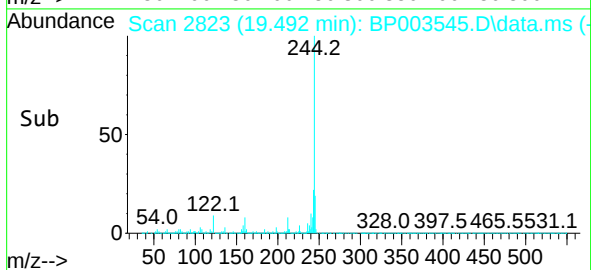
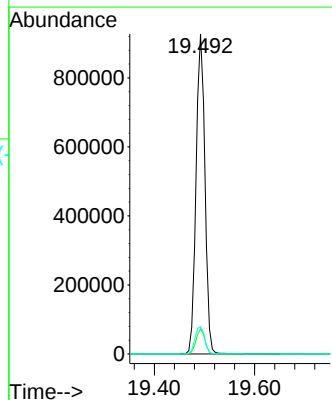
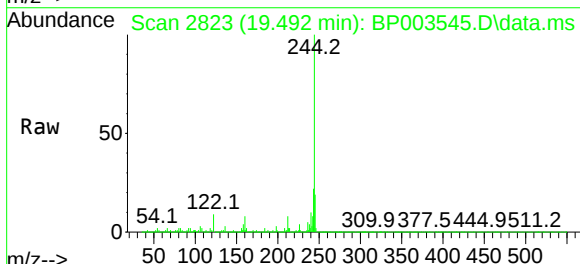
Instrument :
BNA_P
ClientSampleId :
MW-08

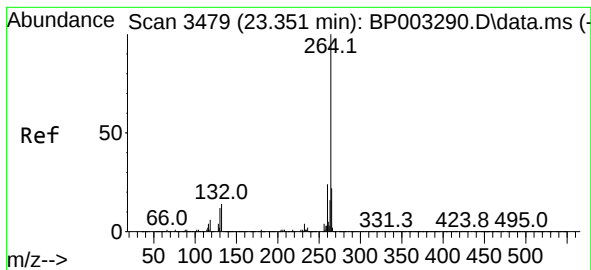
Tgt Ion:240 Resp: 406703
Ion Ratio Lower Upper
240 100
120 10.2 7.8 11.6
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 58.05 ng
RT: 19.492 min Scan# 2823
Delta R.T. -0.012 min
Lab File: BP003545.D
Acq: 07 Oct 2020 07:16

Tgt Ion:244 Resp: 1133190
Ion Ratio Lower Upper
244 100
212 7.8 5.8 8.6
122 8.6 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: BP003545.D
 Acq: 07 Oct 2020 07:16

Instrument :
 BNA_P
 ClientSampleId :
 MW-08

Tgt Ion:264 Resp: 468620
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.8 28.2
 265 22.0 17.4 26.2

