

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006077.D
 Acq On : 28 Jun 2021 14:58
 Operator : CG/JU
 Sample : M2847-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1970-WATER

Quant Time: Jun 28 16:48:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

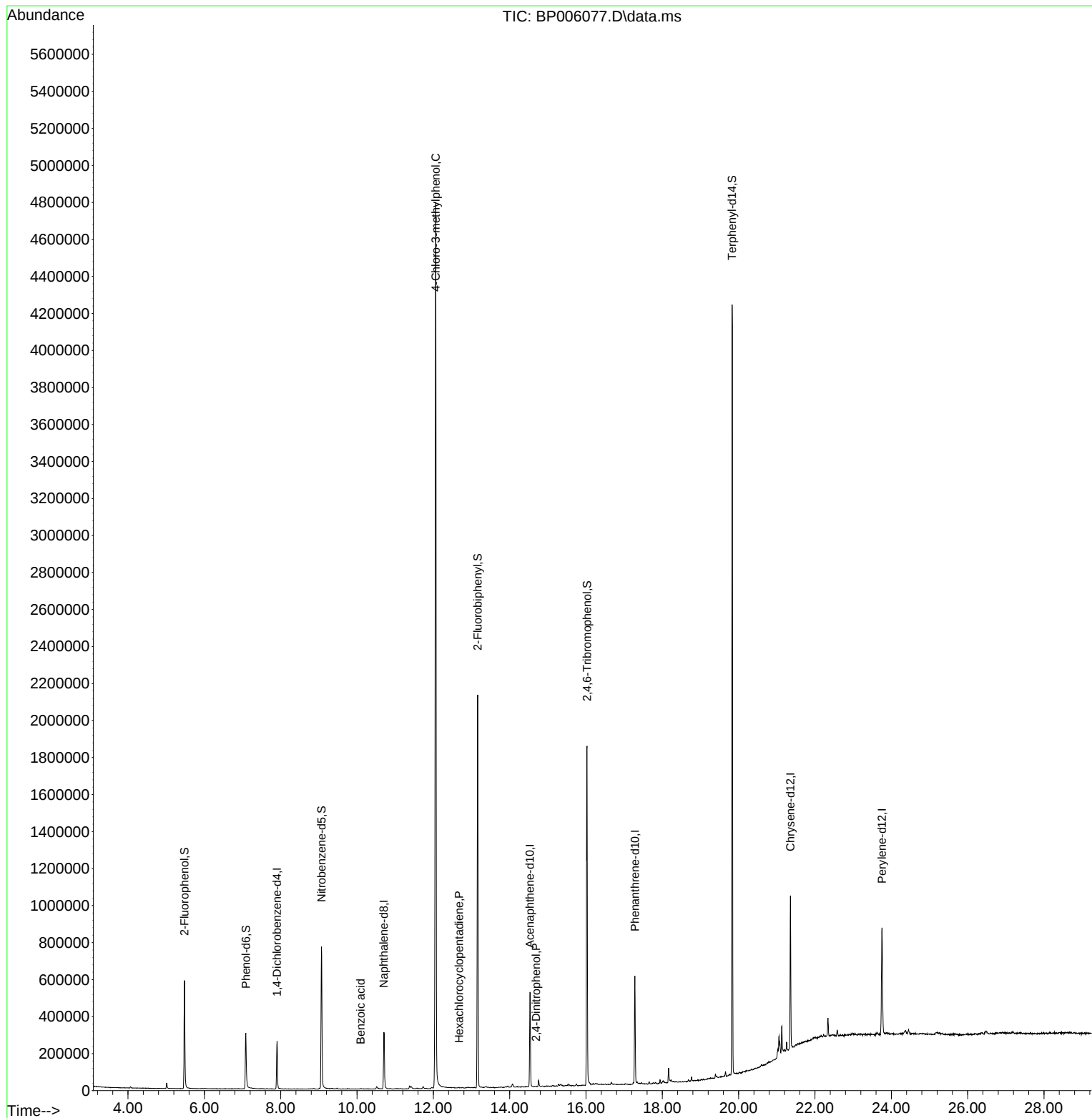
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	74770	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	278777	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	173295	20.000	ng	0.00
64) Phenanthrene-d10	17.280	188	358974	20.000	ng	0.00
76) Chrysene-d12	21.357	240	405371	20.000	ng	0.00
86) Perylene-d12	23.757	264	450218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	289037	62.030	ng	0.00
7) Phenol-d6	7.087	99	209213	34.640	ng	0.00
23) Nitrobenzene-d5	9.069	82	489937	86.163	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	416272	139.976	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1118846	84.780	ng	0.00
79) Terphenyl-d14	19.827	244	1961947	90.626	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	10.093	122	42	6.331	ng	# 1
36) 4-Chloro-3-methylphenol	12.063	107	1244498	242.994	ng	# 18
41) Hexachlorocyclopentadiene	12.675	237	27	5.512	ng	# 87
54) 2,4-Dinitrophenol	14.692	184	24	4.861	ng	# 1

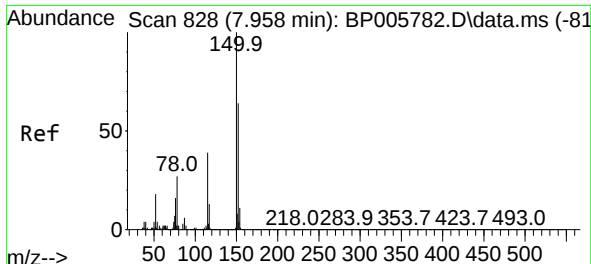
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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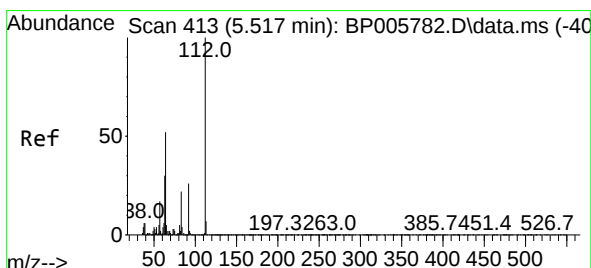
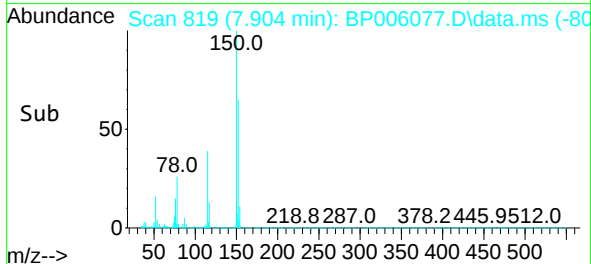
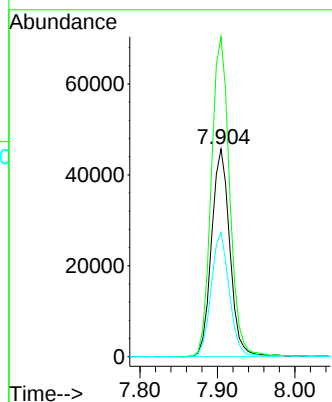
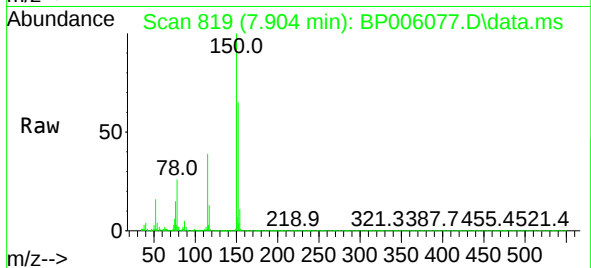




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 819
Delta R.T. -0.001 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

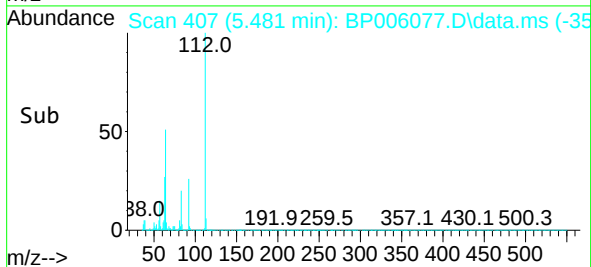
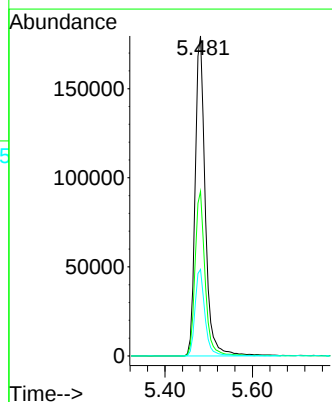
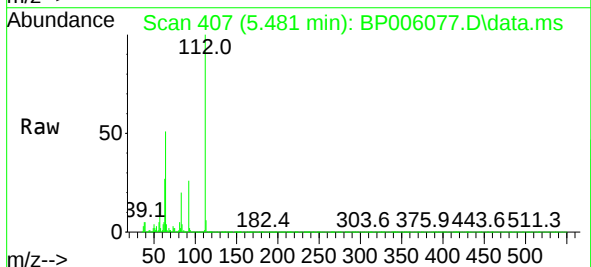
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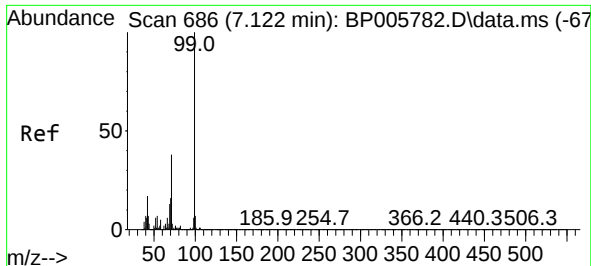
Tgt Ion:152 Resp: 74770
Ion Ratio Lower Upper
152 100
150 154.1 125.6 188.4
115 59.9 48.5 72.7



#5
2-Fluorophenol
Concen: 62.030 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion:112 Resp: 289037
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 27.0 23.8 35.8

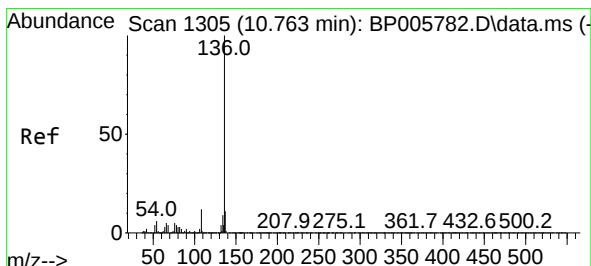
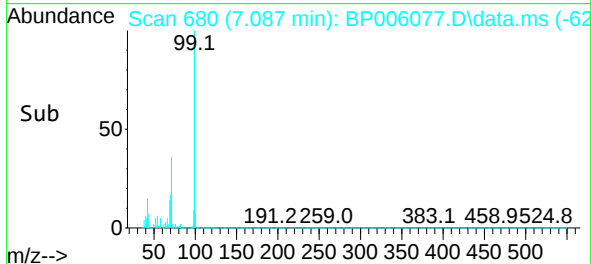
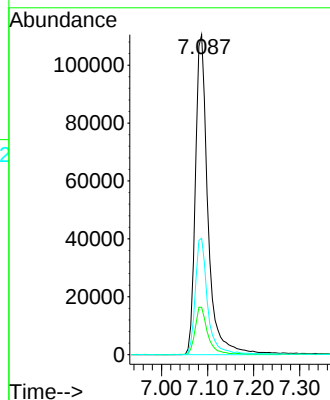
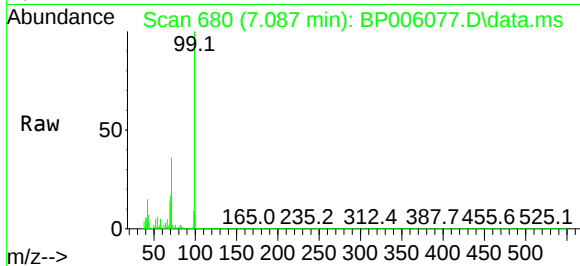




#7
Phenol-d6
Concen: 34.640 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

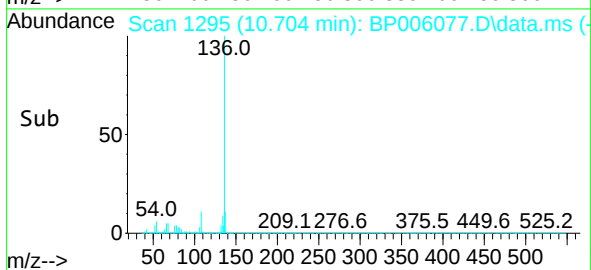
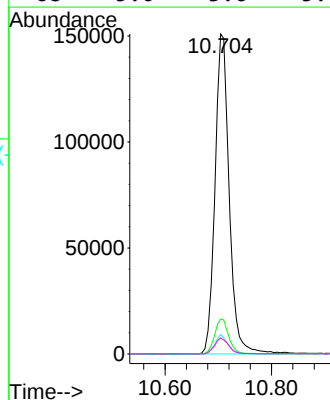
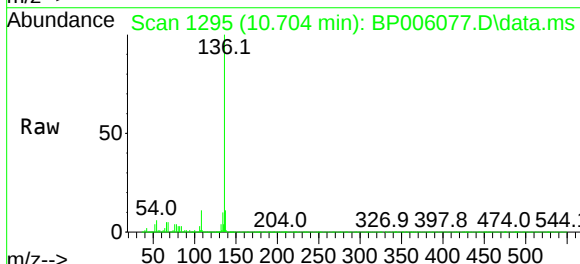
Instrument :
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ClientSampleId :
1970-WATER

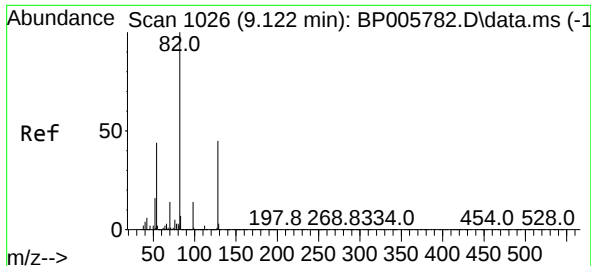
Tgt Ion: 99 Resp: 209213
Ion Ratio Lower Upper
99 100
42 14.8 13.4 20.0
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion: 136 Resp: 278777
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.0 4.6 6.8
68 5.0 3.6 5.4

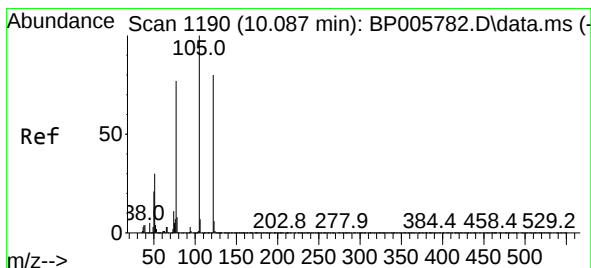
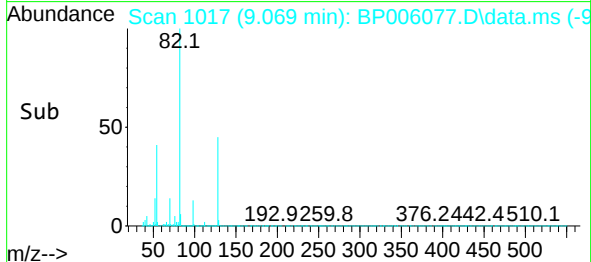
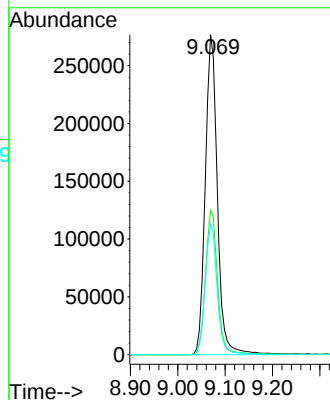
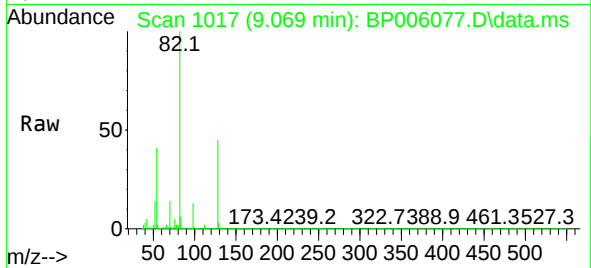




#23
Nitrobenzene-d5
Concen: 86.163 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

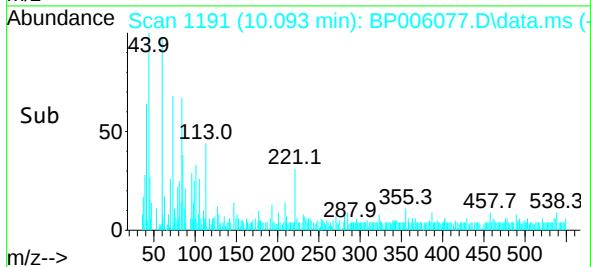
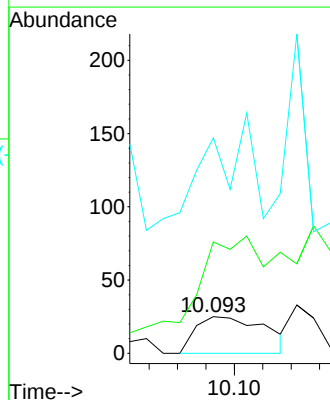
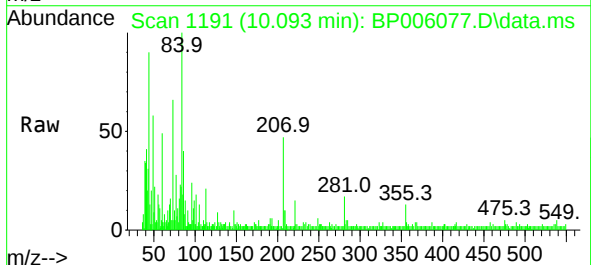
Instrument :
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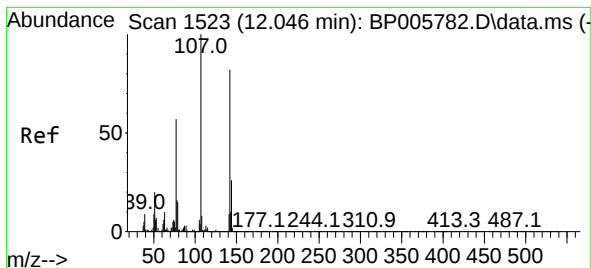
Tgt Ion: 82 Resp: 489937
Ion Ratio Lower Upper
82 100
128 45.1 35.7 53.5
54 40.7 35.0 52.4



#32
Benzoic acid
Concen: 6.331 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.012 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 304.0 103.2 143.2#
77 588.0 76.2 116.2#

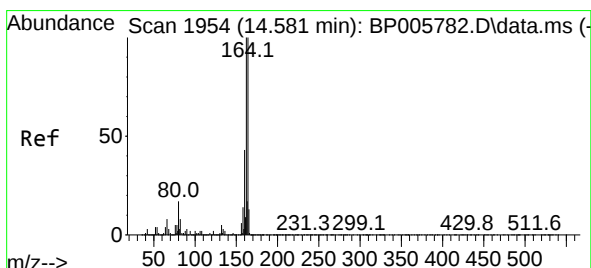
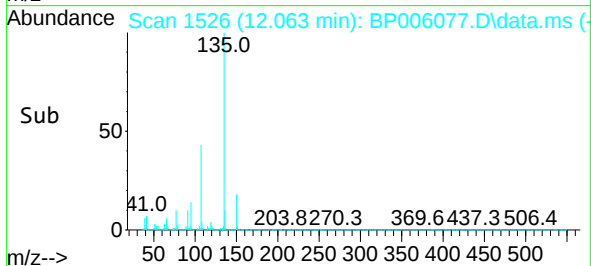
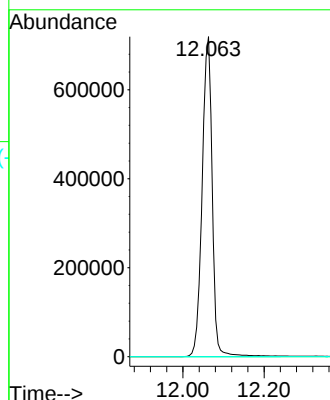
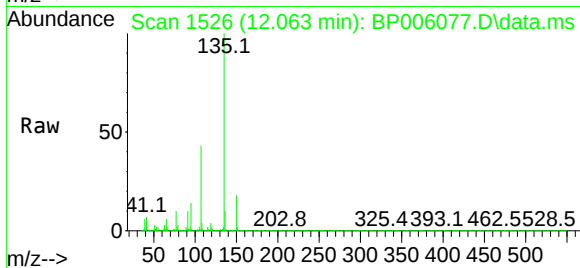




#36
4-Chloro-3-methylphenol
Concen: 242.994 ng
RT: 12.063 min Scan# 1526
Delta R.T. 0.053 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

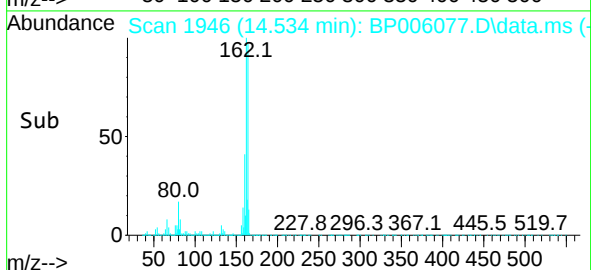
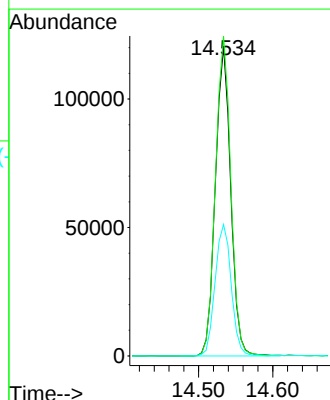
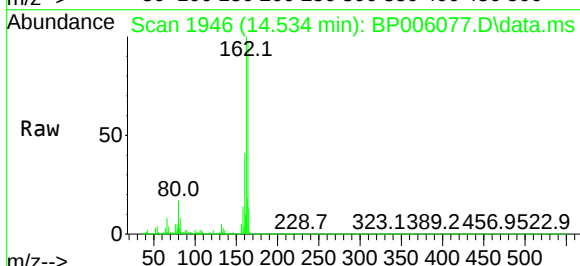
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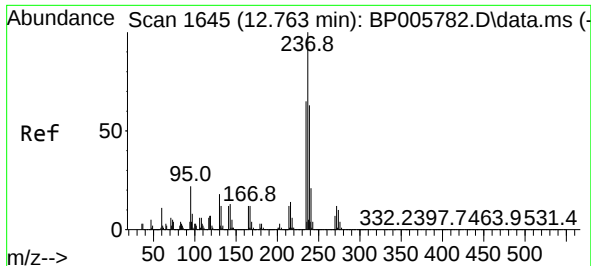
Tgt Ion:107 Resp: 1244498
Ion Ratio Lower Upper
107 100
144 0.0 21.1 31.7#
142 0.0 66.0 99.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.000 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion:164 Resp: 173295
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 42.5 34.5 51.7

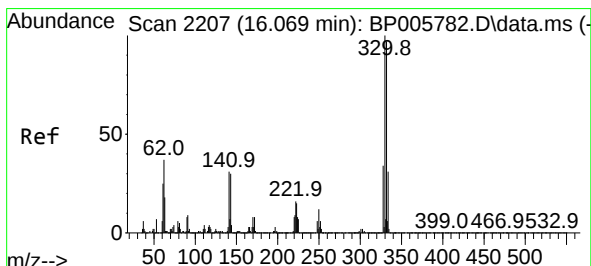
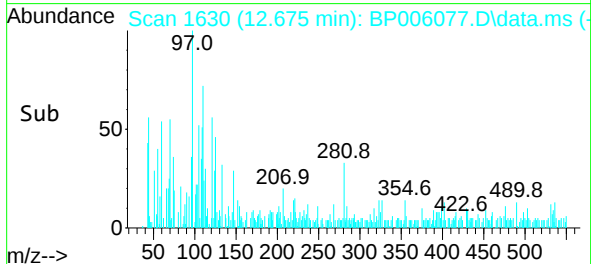
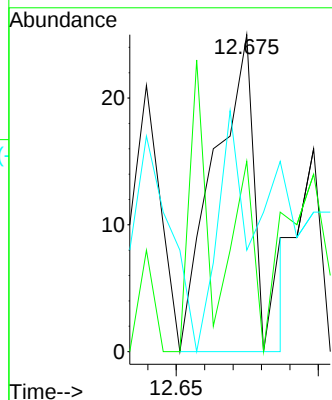
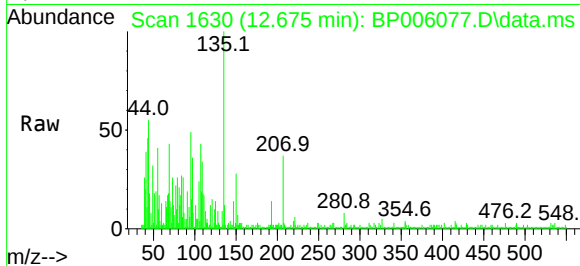




#41
Hexachlorocyclopentadiene
Concen: 5.512 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.035 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

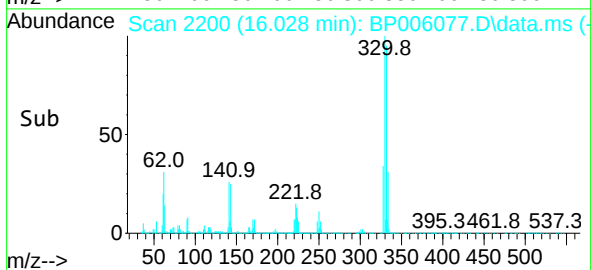
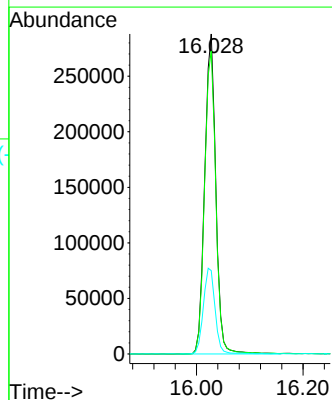
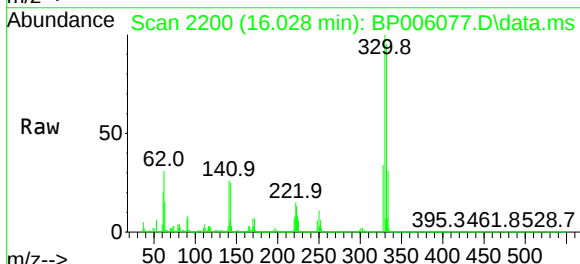
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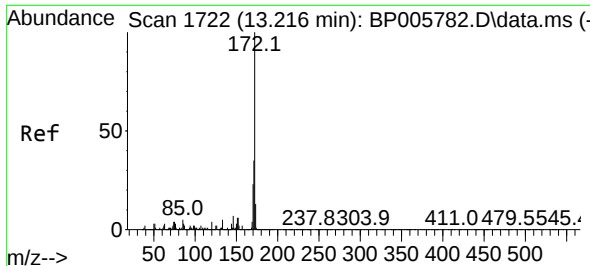
Tgt Ion:	237	Resp:	27
Ion	Ratio	Lower	Upper
237	100		
235	60.0	44.5	84.5
272	32.0	0.0	32.5



#42
2,4,6-Tribromophenol
Concen: 139.976 ng
RT: 16.028 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion:	330	Resp:	416272
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.8	116.8
141	28.4	25.4	38.2

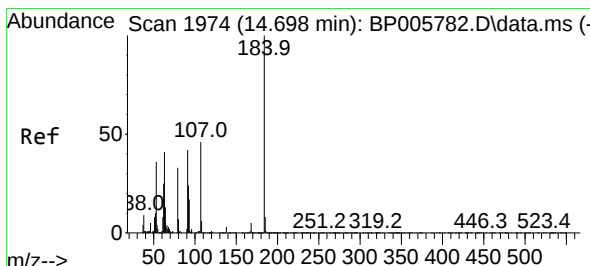
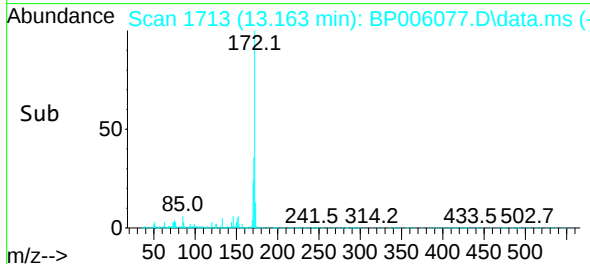
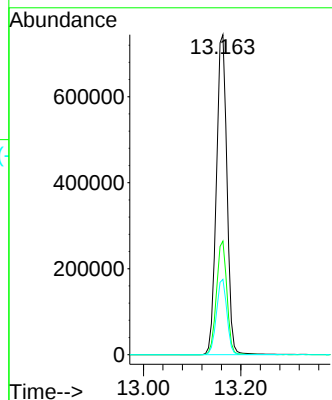
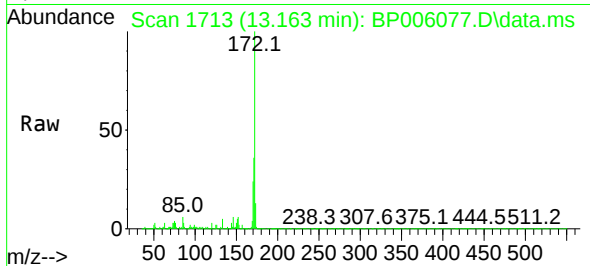




#45
2-Fluorobiphenyl
Concen: 84.780 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

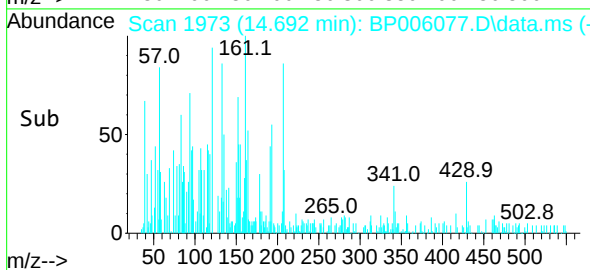
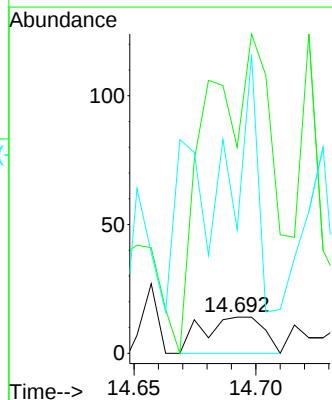
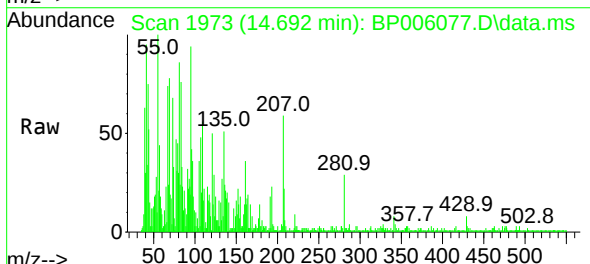
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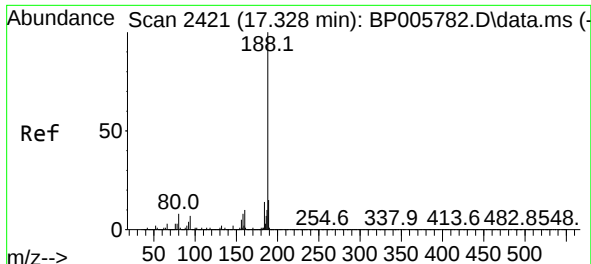
Tgt Ion:172 Resp: 1118846
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.861 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.018 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 571.4 47.0 70.6#
154 342.9 52.3 78.5#

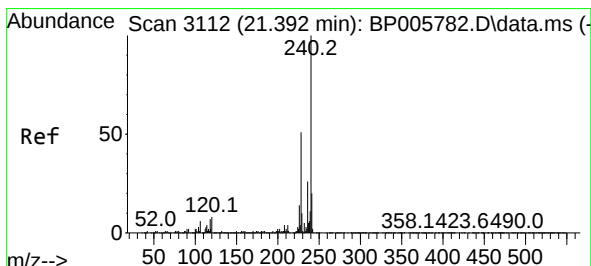
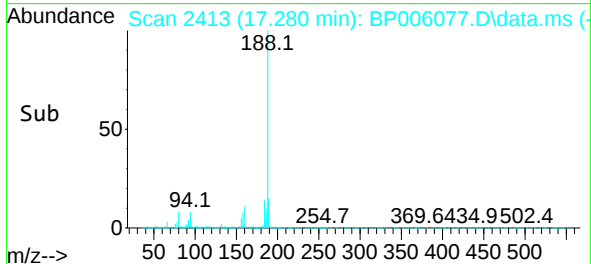
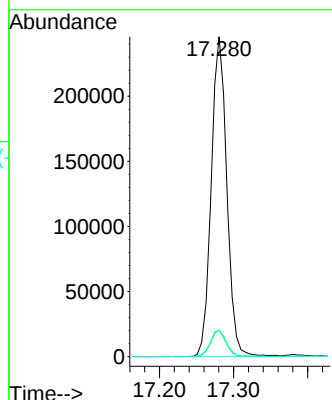
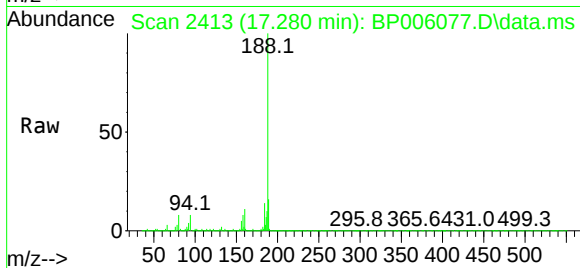




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.280 min Scan# 2413
Delta R.T. -0.000 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

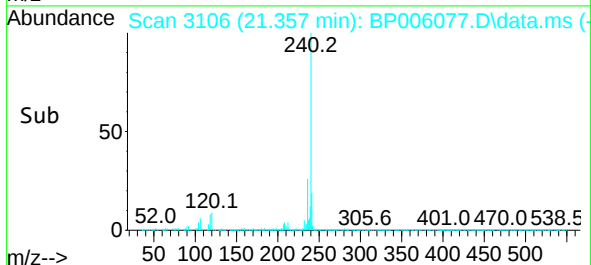
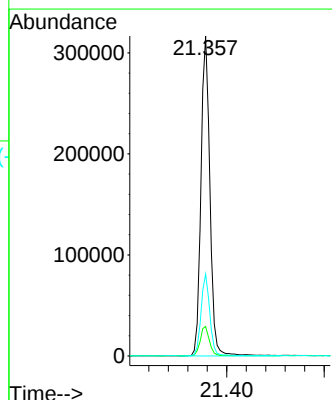
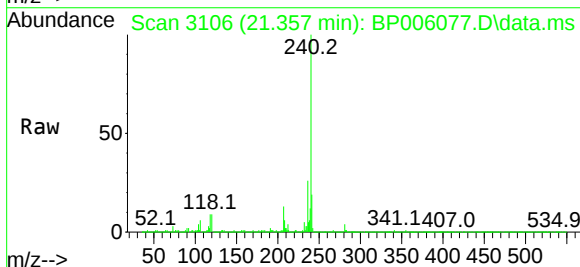
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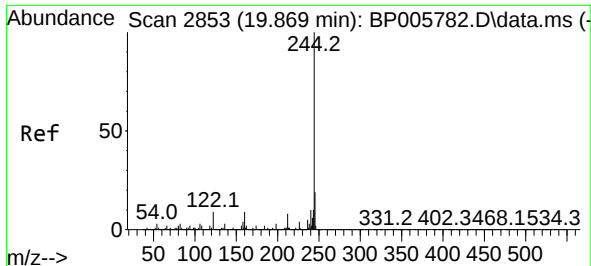
Tgt Ion:188 Resp: 358974
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 8.3 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.000 min
Lab File: BP006077.D
Acq: 28 Jun 2021 14:58

Tgt Ion:240 Resp: 405371
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.6 20.6 31.0

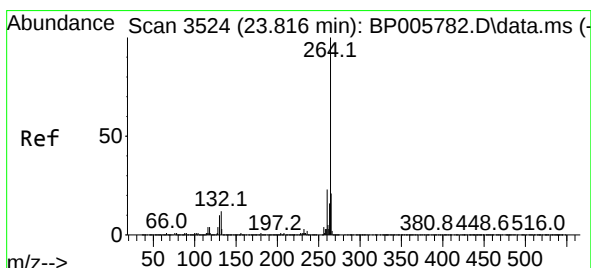
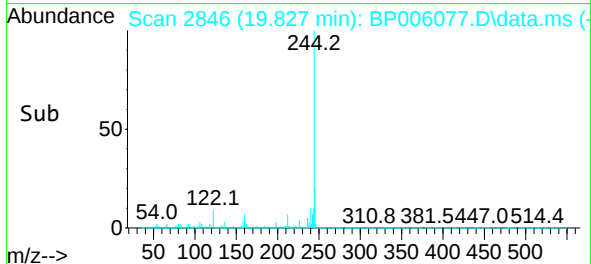
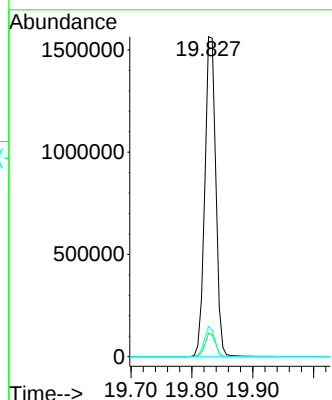
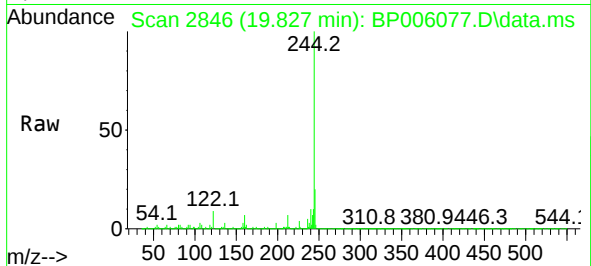




#79
 Terphenyl-d14
 Concen: 90.626 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP006077.D
 Acq: 28 Jun 2021 14:58

Instrument :
 BNA_P
 ClientSampleId :
 1970-WATER

Tgt Ion:244 Resp: 1961947
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.4 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. -0.000 min
 Lab File: BP006077.D
 Acq: 28 Jun 2021 14:58

Tgt Ion:264 Resp: 450218
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.4 17.6 26.4

