

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005595.D
 Acq On : 18 May 2021 11:36
 Operator : CG/JU
 Sample : M2420-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONCESSION-CP-2

Quant Time: May 18 15:46:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

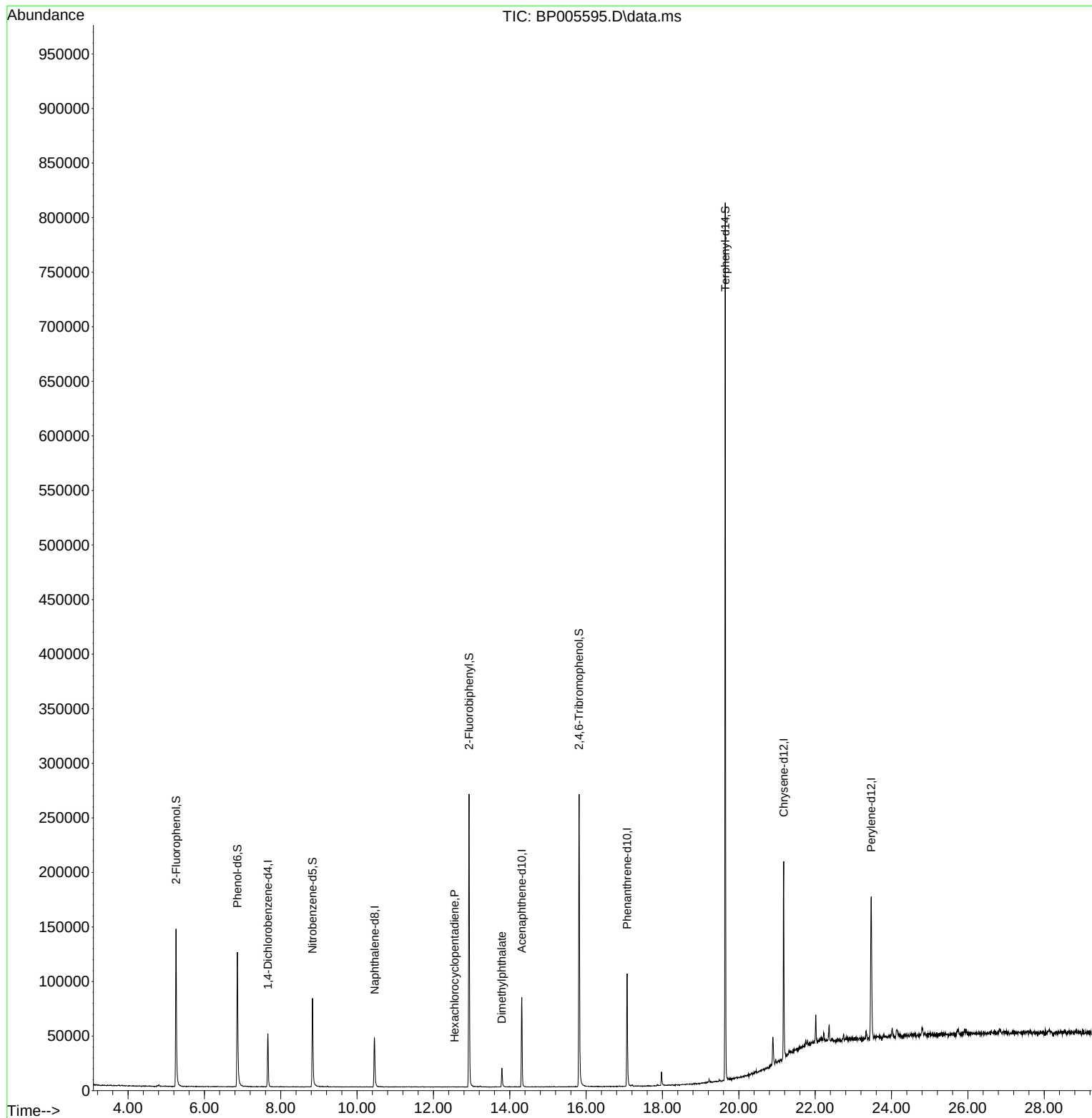
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	10079	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	30472	20.00	ng	# 0.00
39) Acenaphthene-d10	14.316	164	25654	20.00	ng	0.00
64) Phenanthrene-d10	17.075	188	64218	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	89290	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	100040	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	46729	88.98	ng	0.00
7) Phenol-d6	6.863	99	50564	77.21	ng	0.00
23) Nitrobenzene-d5	8.834	82	43095	55.66	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	54438	74.78	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	114684	50.43	ng	0.00
79) Terphenyl-d14	19.645	244	304053	57.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.146	88	31	Below Cal	#	1
9) Benzaldehyde	6.822	77	20	Below Cal	#	15
41) Hexachlorocyclopentadiene	12.551	237	6	7.88	ng	81
50) Dimethylphthalate	13.792	163	11863	5.36	ng	98

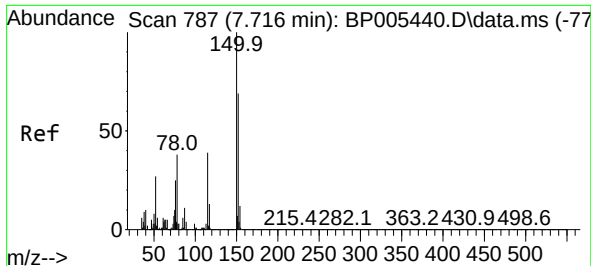
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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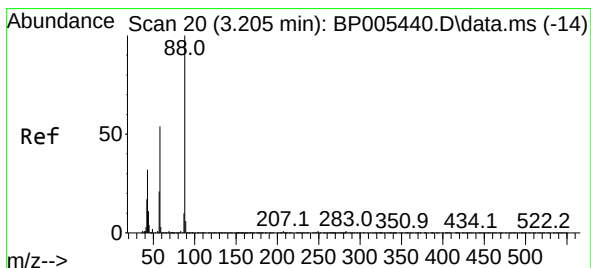
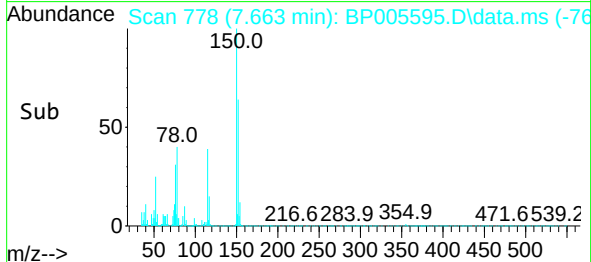
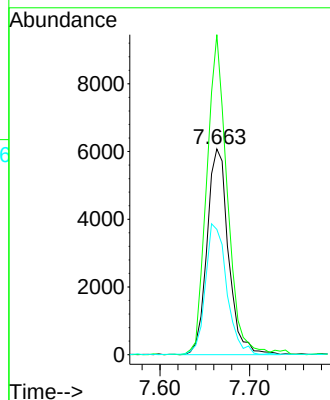
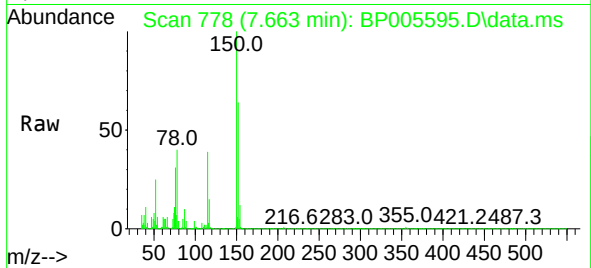




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

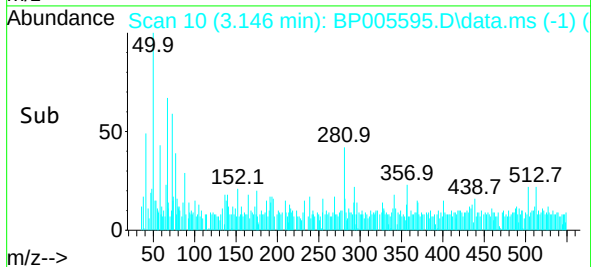
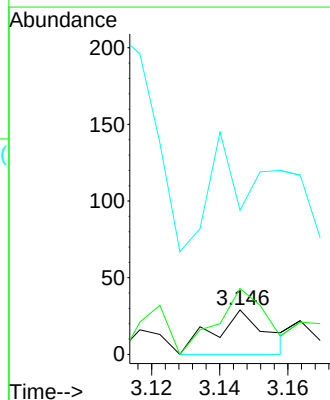
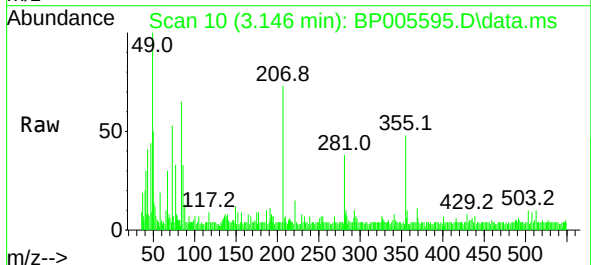
Instrument :
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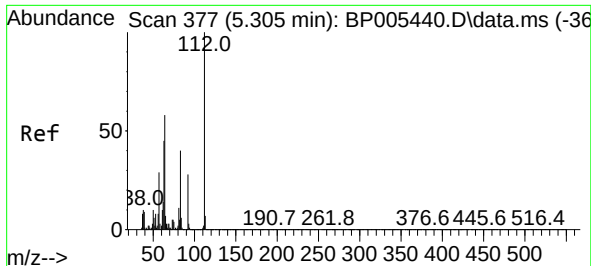
Tgt Ion:152 Resp: 10079
Ion Ratio Lower Upper
152 100
150 155.6 119.8 179.8
115 60.9 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.146 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
58 138.7 42.5 63.7#
43 141.9 19.8 29.8#

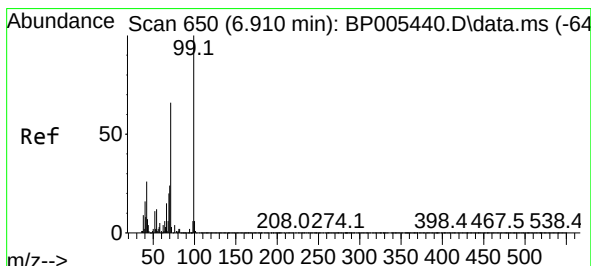
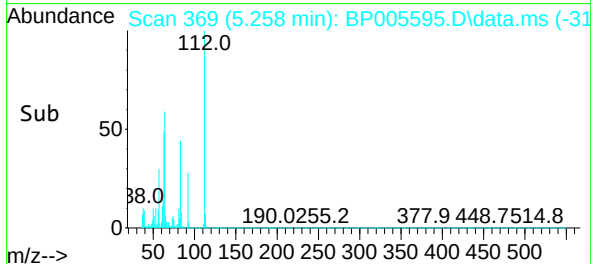
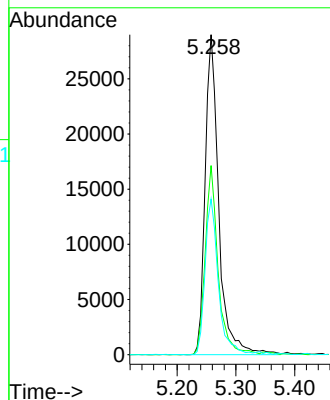
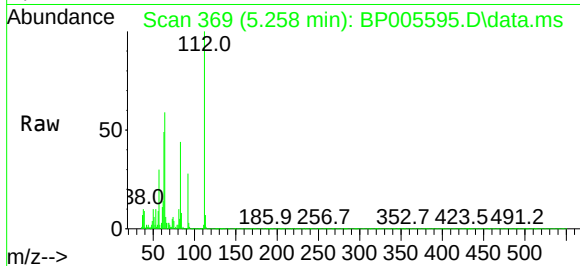




#5
2-Fluorophenol
Concen: 88.98 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

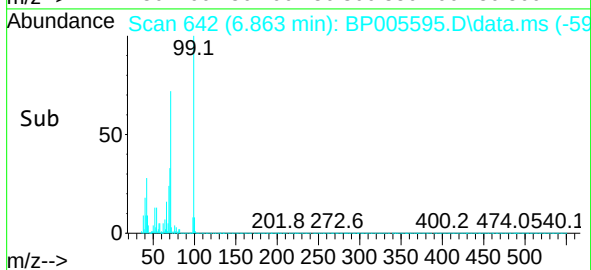
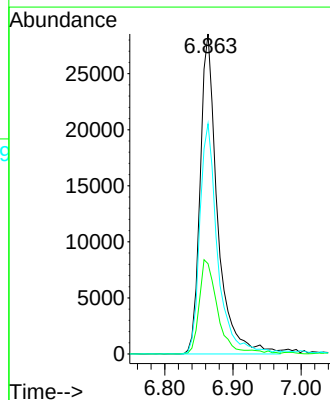
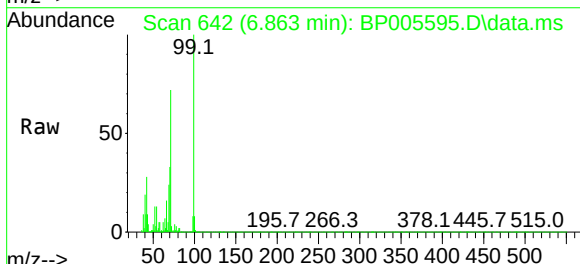
Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

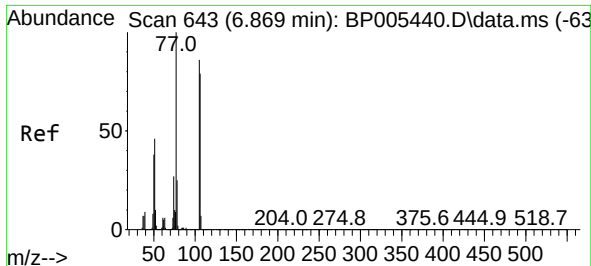
Tgt Ion:112 Resp: 46729
Ion Ratio Lower Upper
112 100
64 59.1 33.6 50.4#
63 48.6 18.6 27.8#



#7
Phenol-d6
Concen: 77.21 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion: 99 Resp: 50564
Ion Ratio Lower Upper
99 100
42 28.2 12.9 19.3#
71 71.9 26.7 40.1#

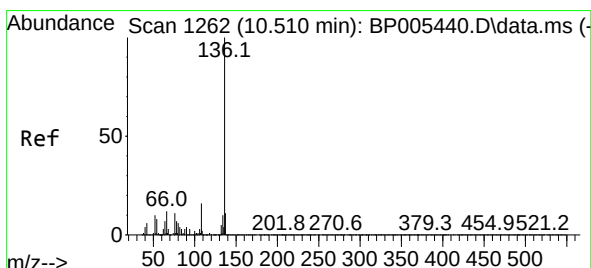
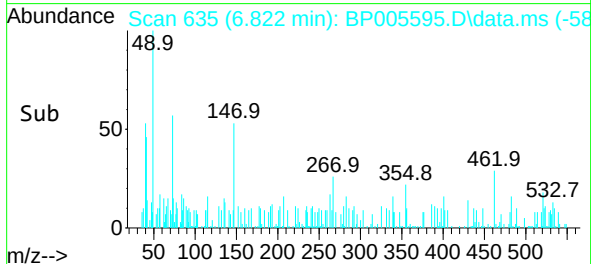
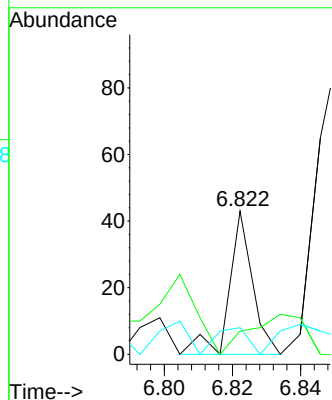
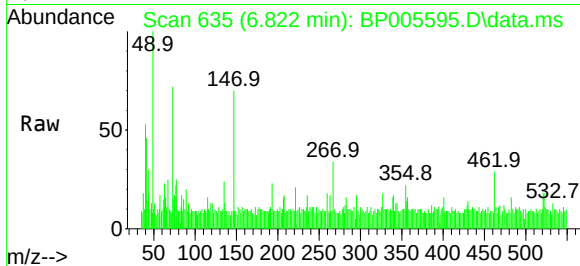




#9
Benzaldehyde
Concen: Below Cal
RT: 6.822 min Scan# 635
Delta R.T. 0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

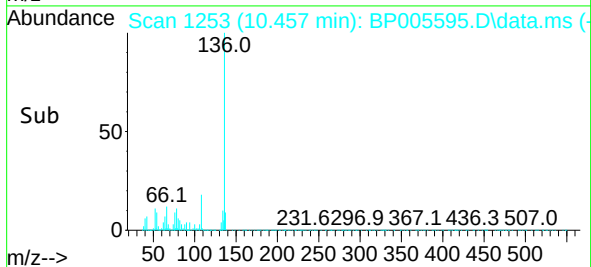
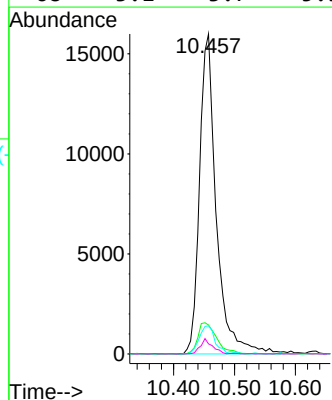
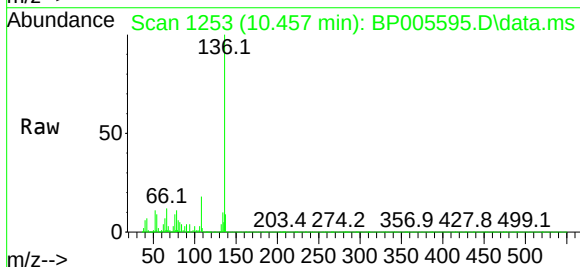
Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

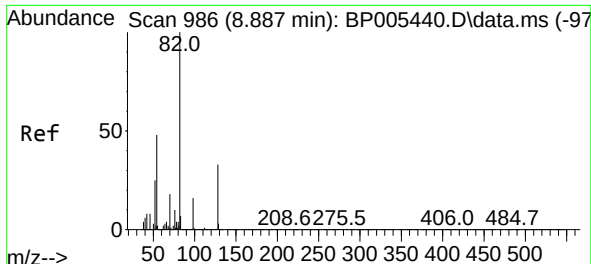
Tgt Ion: 77 Resp: 20
Ion Ratio Lower Upper
77 100
105 16.3 89.4 129.4#
106 18.6 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion:136 Resp: 30472
Ion Ratio Lower Upper
136 100
137 9.1 8.9 13.3
54 8.8 5.0 7.4#
68 3.1 3.7 5.5#

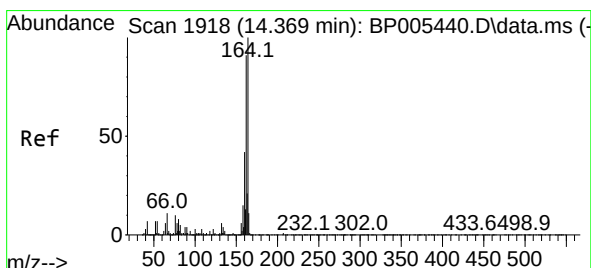
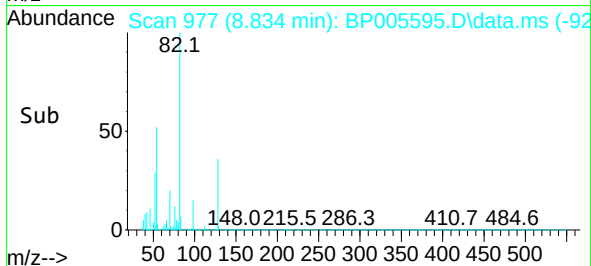
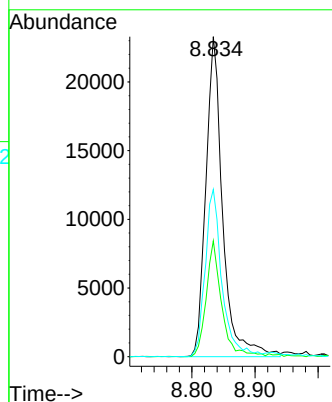
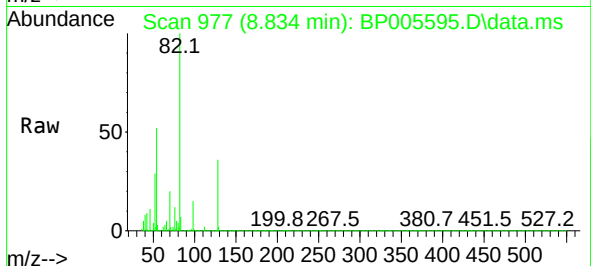




#23
Nitrobenzene-d5
Concen: 55.66 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

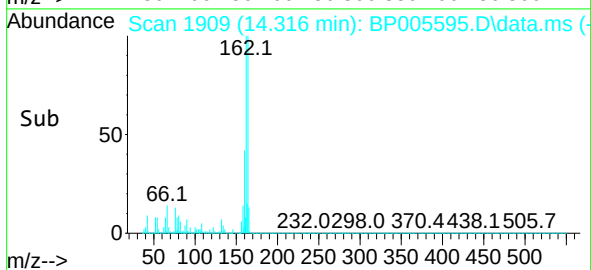
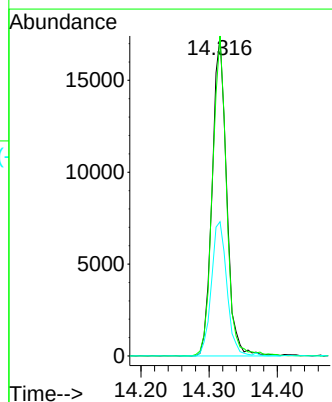
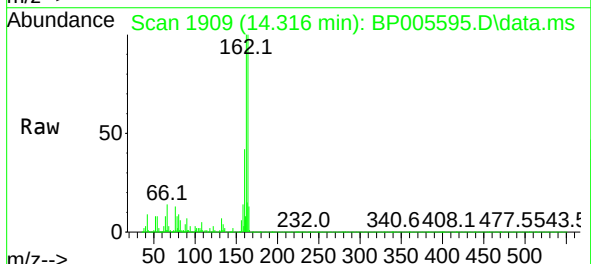
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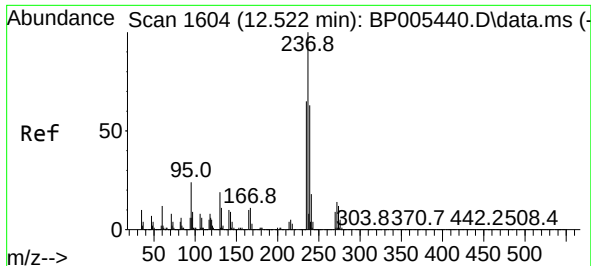
Tgt Ion: 82 Resp: 43095
Ion Ratio Lower Upper
82 100
128 36.2 30.5 45.7
54 52.3 33.9 50.9#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.316 min Scan# 1909
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion: 164 Resp: 25654
Ion Ratio Lower Upper
164 100
162 100.3 73.5 110.3
160 42.1 40.6 61.0

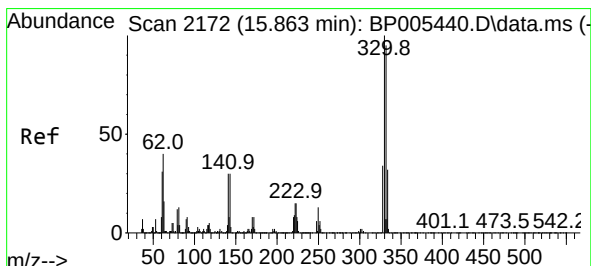
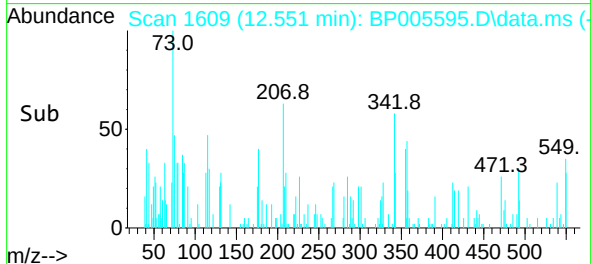
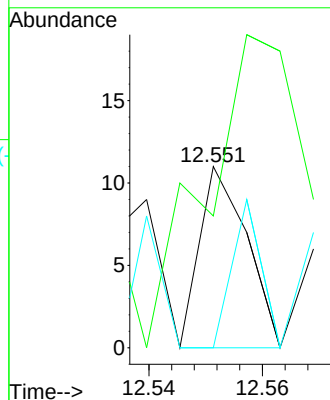
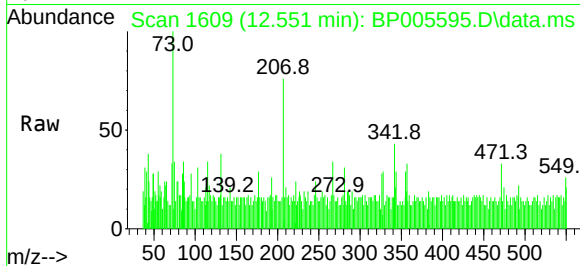




#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.551 min Scan# 1609
Delta R.T. 0.088 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

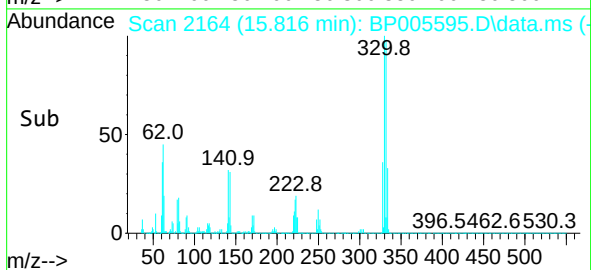
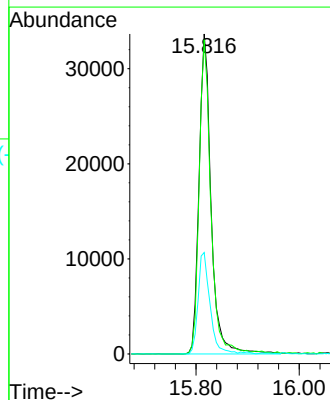
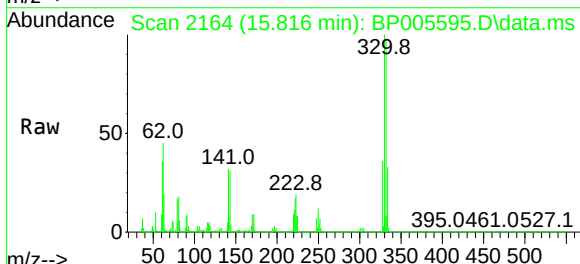
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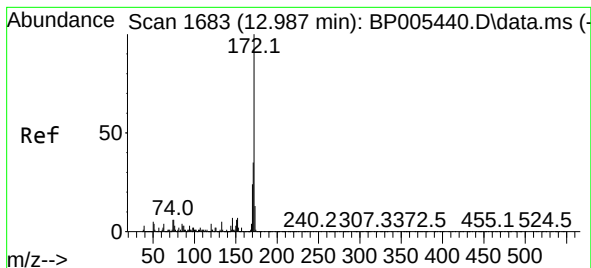
Tgt Ion:	237	Resp:	6
Ion	Ratio	Lower	Upper
237	100		
235	72.7	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 74.78 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion:	330	Resp:	54438
Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.3	114.5
141	31.2	22.8	34.2

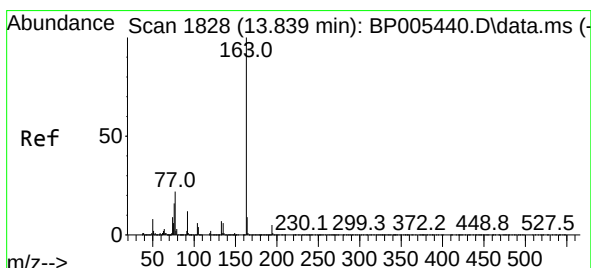
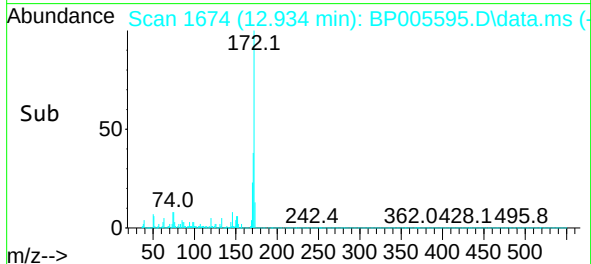
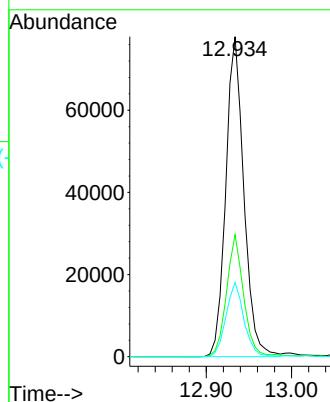
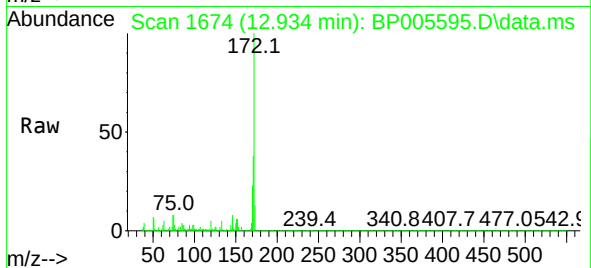




#45
2-Fluorobiphenyl
Concen: 50.43 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

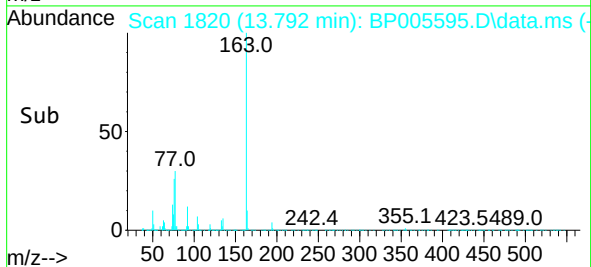
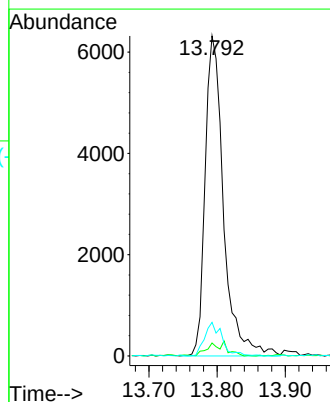
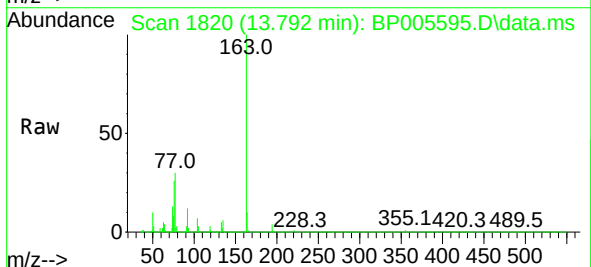
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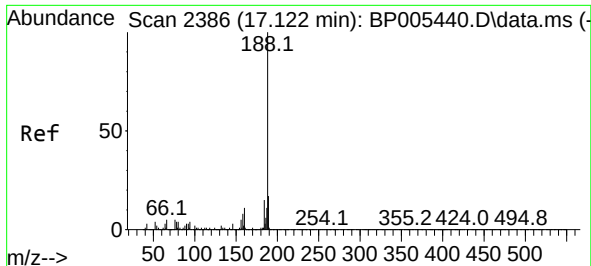
Tgt Ion:172 Resp: 114684
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 23.2 19.6 29.4



#50
Dimethylphthalate
Concen: 5.36 ng
RT: 13.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion:163 Resp: 11863
Ion Ratio Lower Upper
163 100
194 4.1 3.9 5.9
164 10.5 8.1 12.1

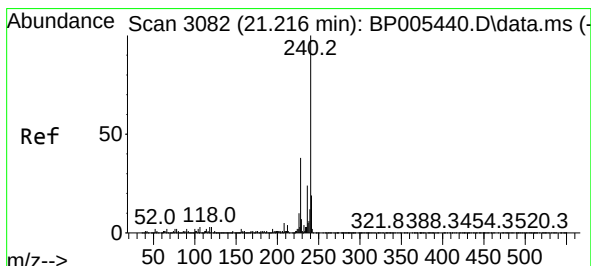
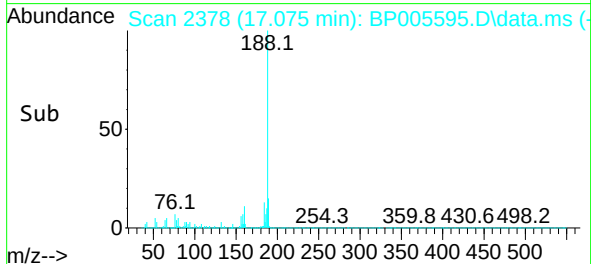
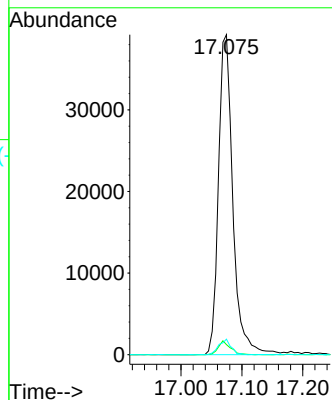
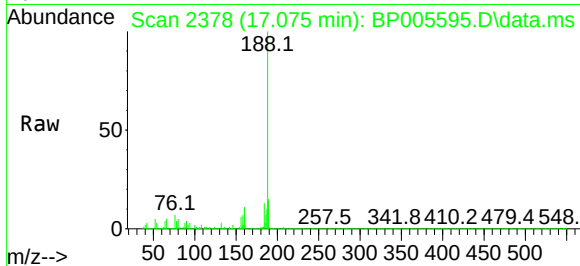




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.075 min Scan# 2378
Delta R.T. -0.000 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

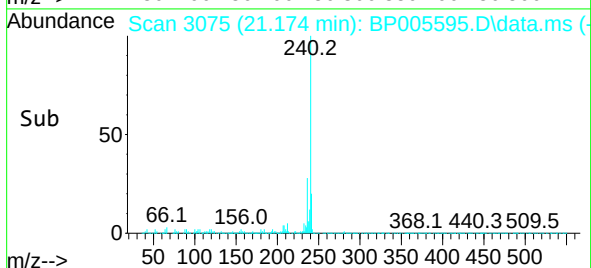
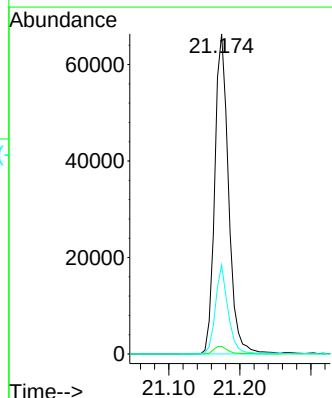
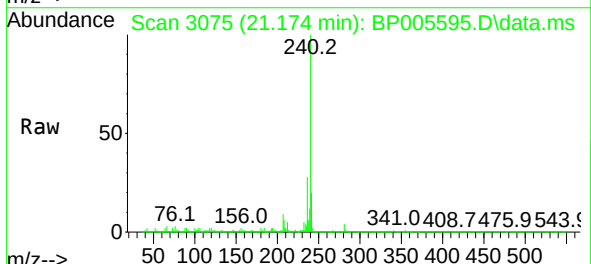
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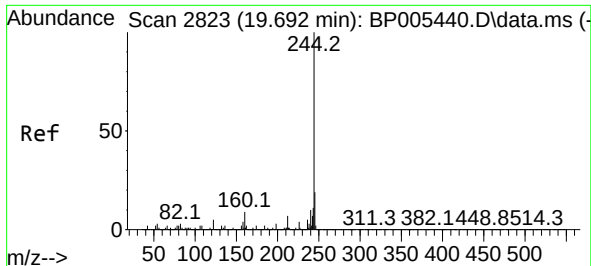
Tgt Ion:188 Resp: 64218
Ion Ratio Lower Upper
188 100
94 3.4 5.0 7.6#
80 4.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion:240 Resp: 89290
Ion Ratio Lower Upper
240 100
120 2.4 4.2 6.2#
236 27.8 20.2 30.2

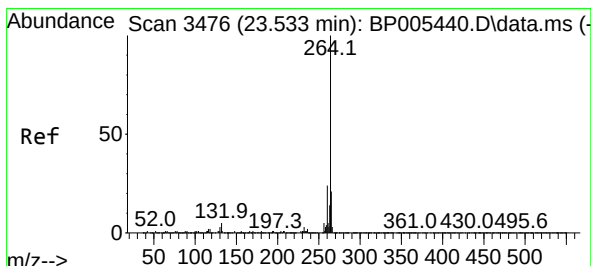
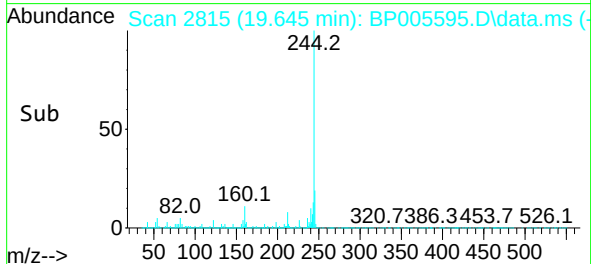
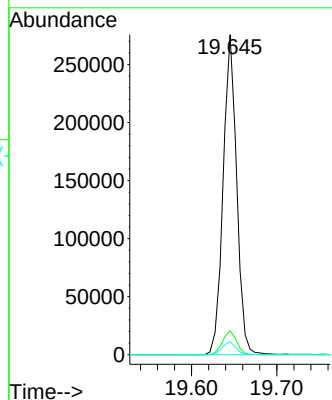
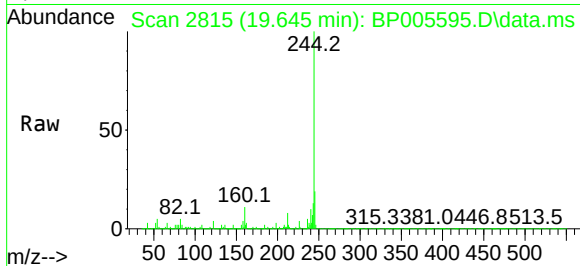




#79
Terphenyl-d14
Concen: 57.83 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Instrument :
BNA_P
ClientSampleId :
CONCESSION-CP-2

Tgt Ion:244 Resp: 304053
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 4.1 5.2 7.8#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.468 min Scan# 3465
Delta R.T. -0.006 min
Lab File: BP005595.D
Acq: 18 May 2021 11:36

Tgt Ion:264 Resp: 100040
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 19.7 19.0 28.6

