

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005493.D
 Acq On : 11 May 2021 17:25
 Operator : CG/JU
 Sample : M2307-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-18

Quant Time: May 11 18:13:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

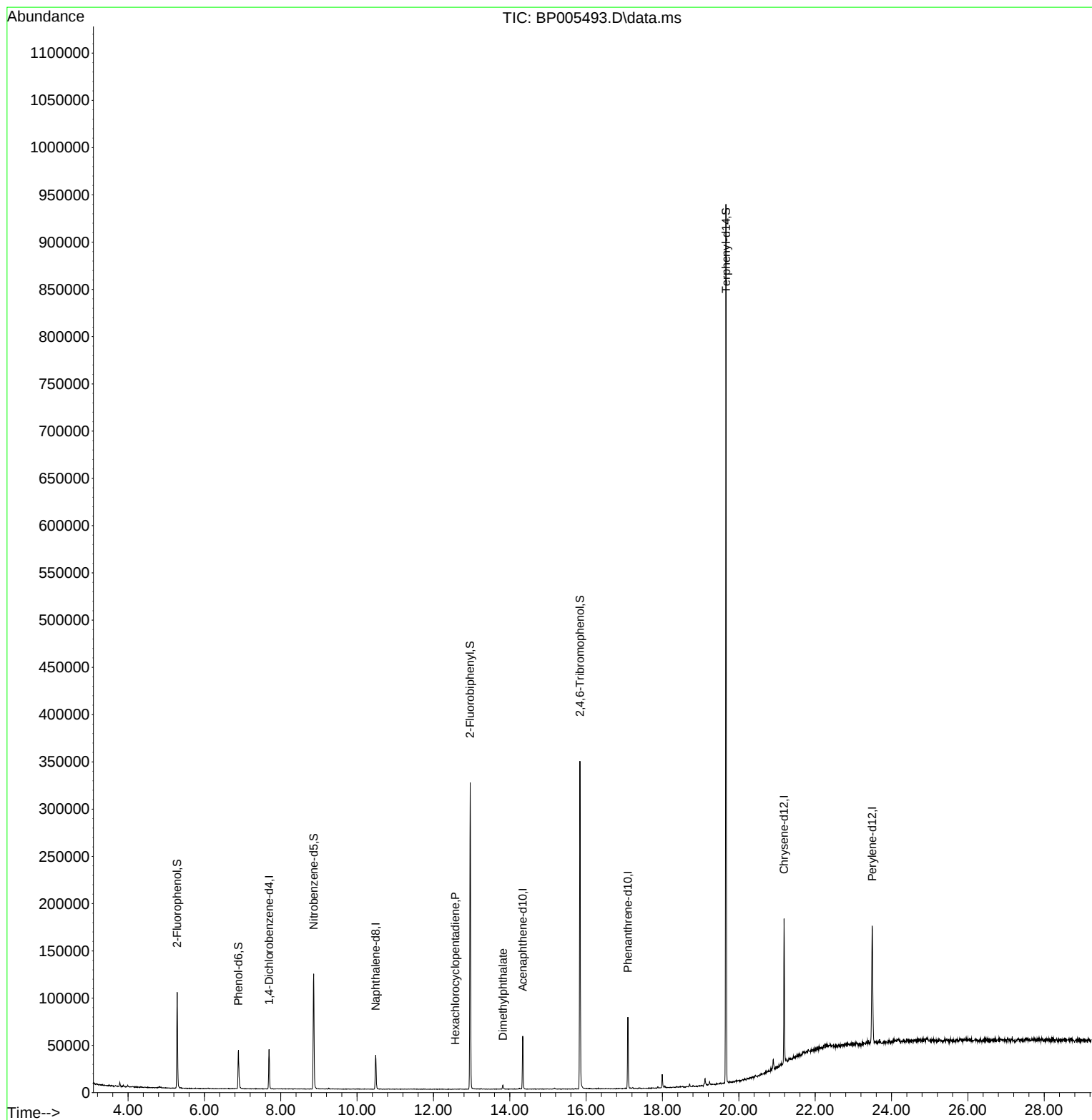
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	8165	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	20772	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	15087	20.00	ng	0.00
64) Phenanthrene-d10	17.093	188	40273	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	71191	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	96861	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	29510	69.36	ng	0.00
7) Phenol-d6	6.893	99	14994	28.26	ng	0.00
23) Nitrobenzene-d5	8.864	82	58791	111.40	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	59532	139.05	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	129089	96.52	ng	0.00
79) Terphenyl-d14	19.663	244	341773	81.53	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.170	88	17	Below Cal	#	1
9) Benzaldehyde	6.846	77	12	Below Cal	#	60
41) Hexachlorocyclopentadiene	12.575	237	16	7.92	ng	84
50) Dimethylphthalate	13.822	163	2638	2.03	ng	# 91

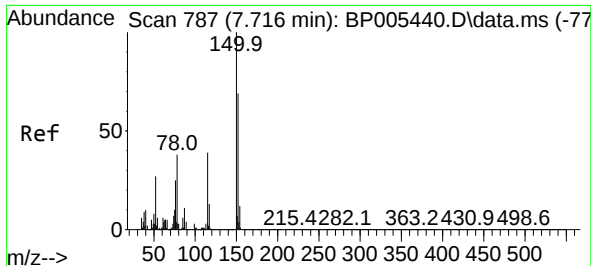
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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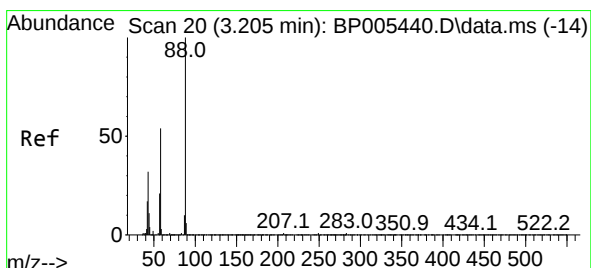
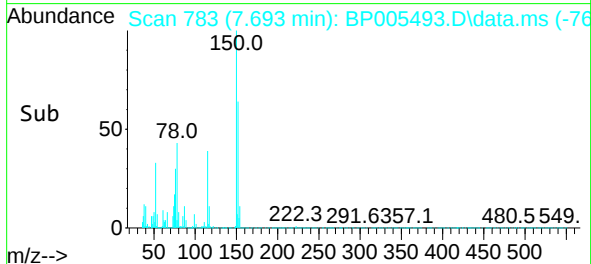
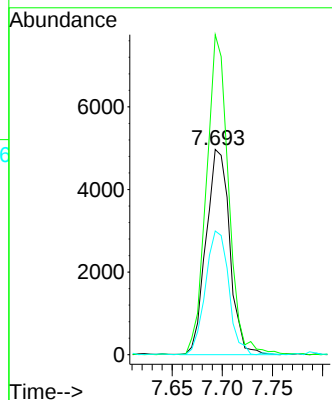
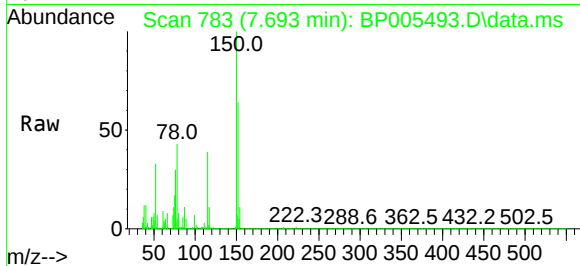




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

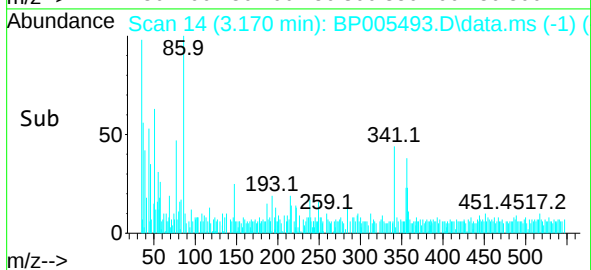
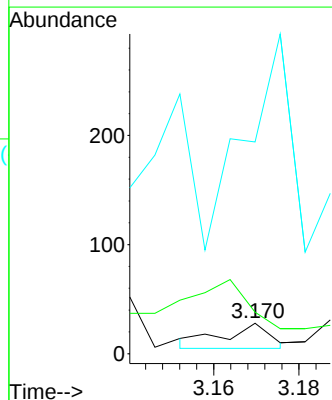
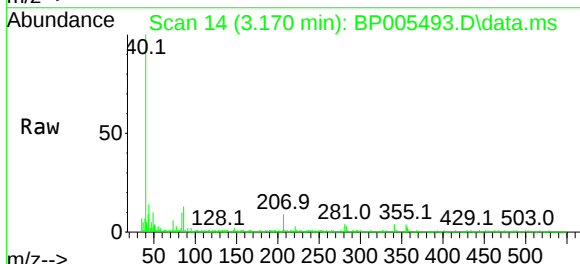
Instrument :
BNA_P
ClientSampled :
MW-18

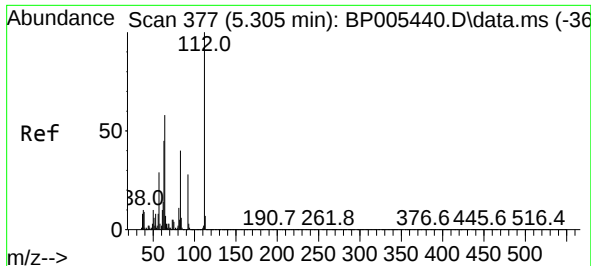
Tgt Ion:152 Resp: 8165
Ion Ratio Lower Upper
152 100
150 155.9 119.8 179.8
115 60.3 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.170 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion: 88 Resp: 17
Ion Ratio Lower Upper
88 100
58 588.2 42.5 63.7#
43 929.4 19.8 29.8#

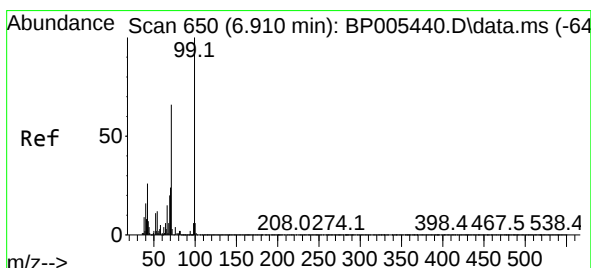
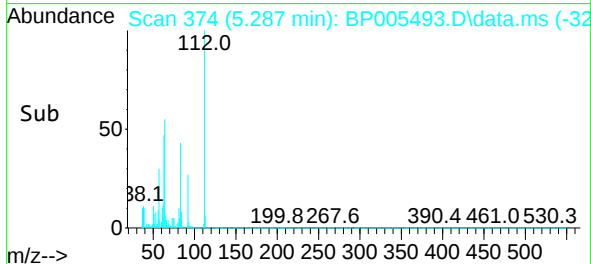
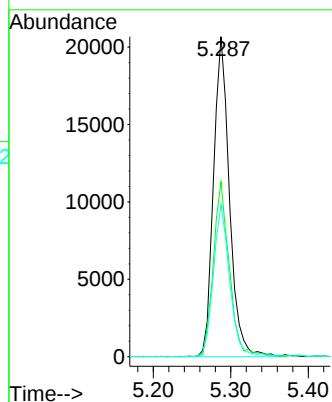
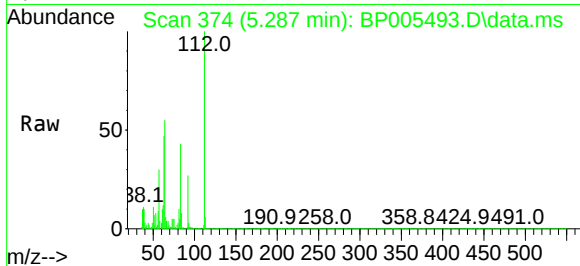




#5
2-Fluorophenol
Concen: 69.36 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

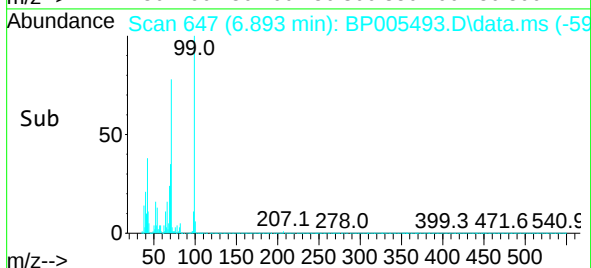
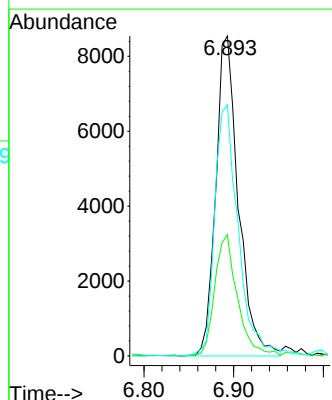
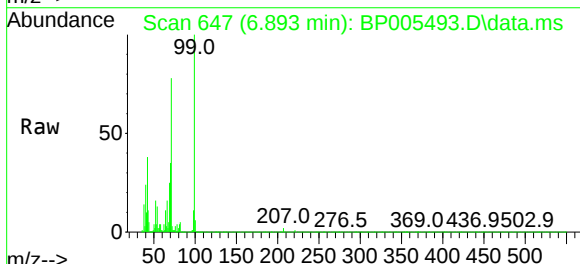
Instrument :
BNA_P
ClientSampleId :
MW-18

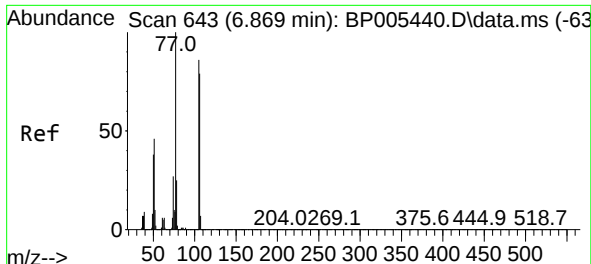
Tgt Ion:112 Resp: 29510
Ion Ratio Lower Upper
112 100
64 54.6 33.6 50.4#
63 47.5 18.6 27.8#



#7
Phenol-d6
Concen: 28.26 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion: 99 Resp: 14994
Ion Ratio Lower Upper
99 100
42 37.9 12.9 19.3#
71 78.5 26.7 40.1#

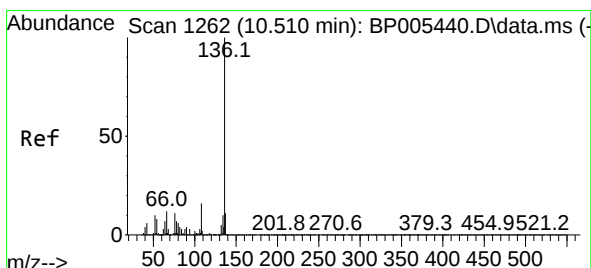
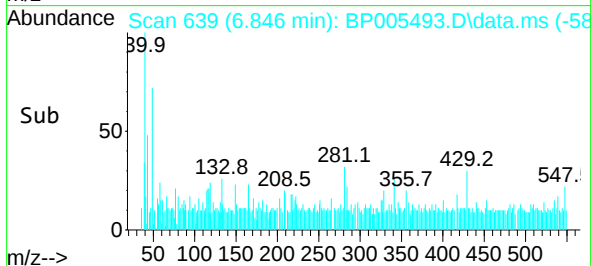
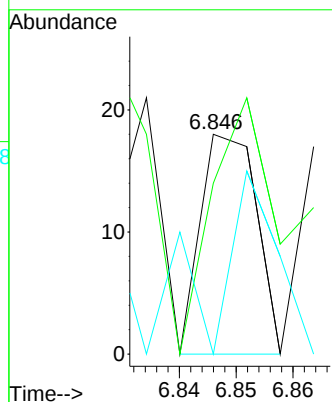
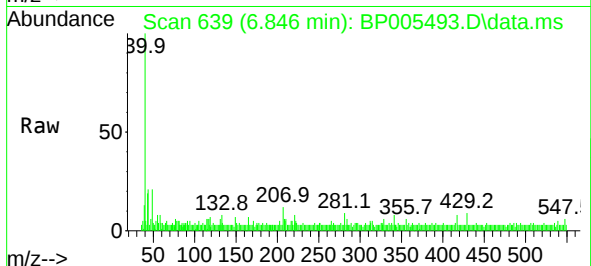




#9
Benzaldehyde
Concen: Below Cal
RT: 6.846 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

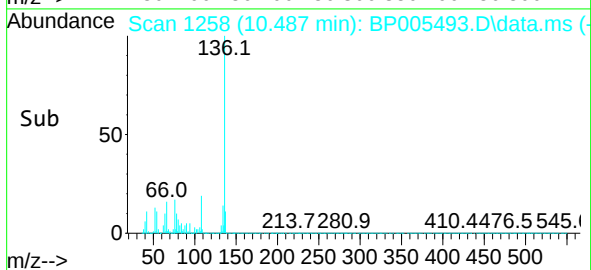
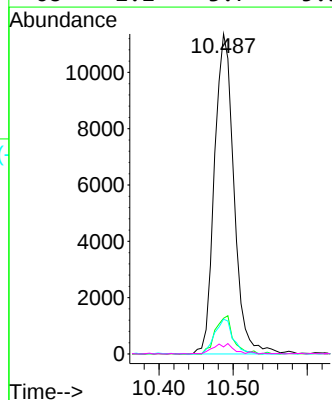
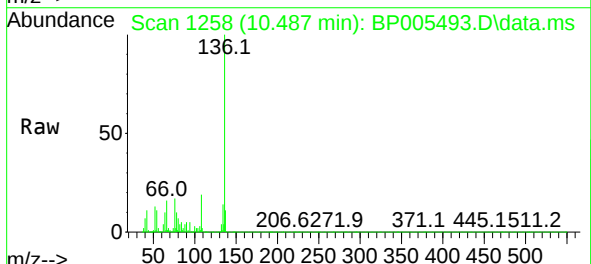
Instrument :
BNA_P
ClientSampleId :
MW-18

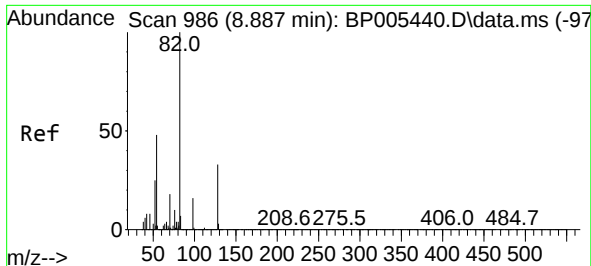
Tgt Ion: 77 Resp: 12
Ion Ratio Lower Upper
77 100
105 77.8 89.4 129.4#
106 50.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion: 136 Resp: 20772
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 10.9 5.0 7.4#
68 2.2 3.7 5.5#

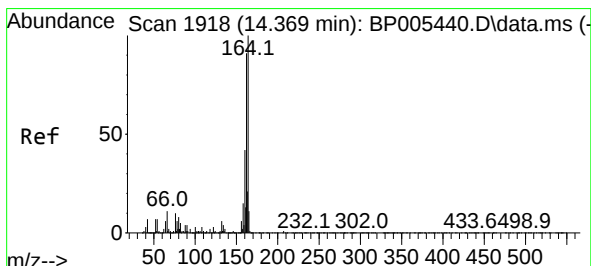
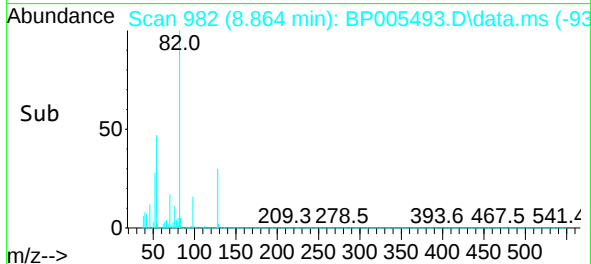
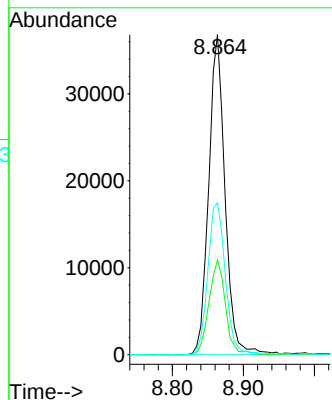
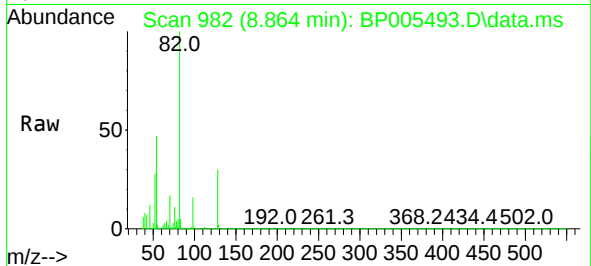




#23
Nitrobenzene-d5
Concen: 111.40 ng
RT: 8.864 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

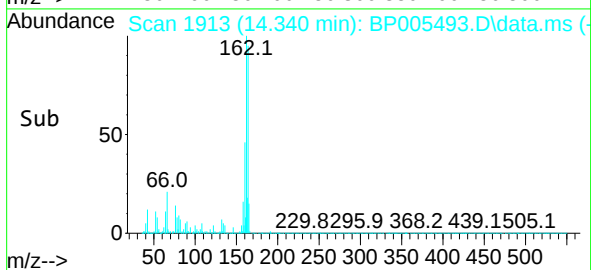
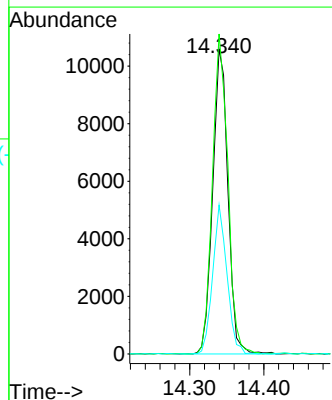
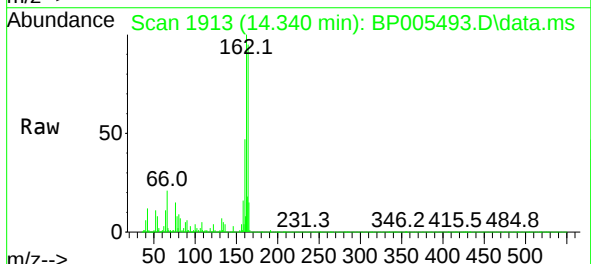
Instrument :
BNA_P
ClientSampleId :
MW-18

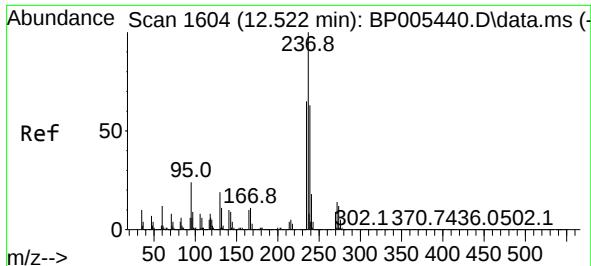
Tgt Ion: 82 Resp: 58791
Ion Ratio Lower Upper
82 100
128 29.6 30.5 45.7#
54 47.5 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion:164 Resp: 15087
Ion Ratio Lower Upper
164 100
162 105.0 73.5 110.3
160 48.9 40.6 61.0

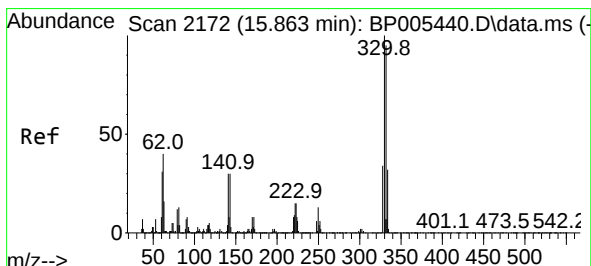
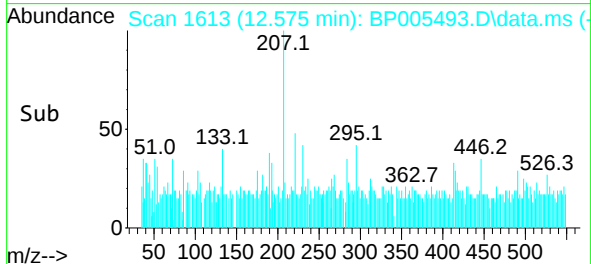
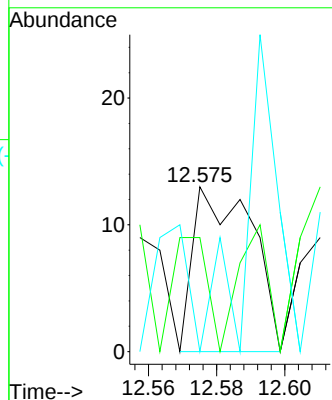
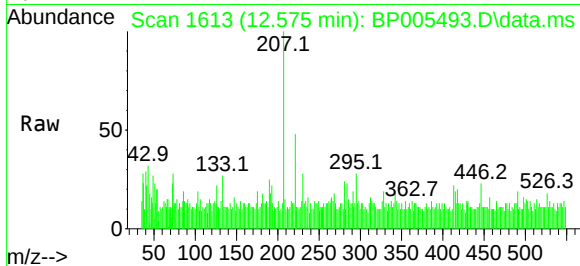




#41
Hexachlorocyclopentadiene
Concen: 7.92 ng
RT: 12.575 min Scan# 1613
Delta R.T. 0.077 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

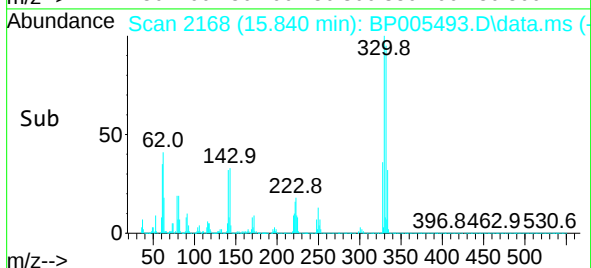
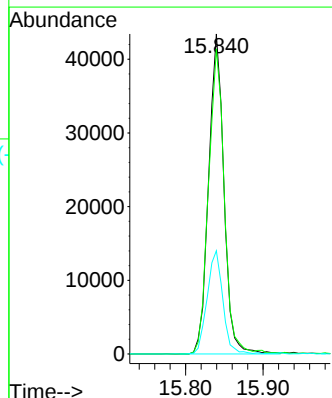
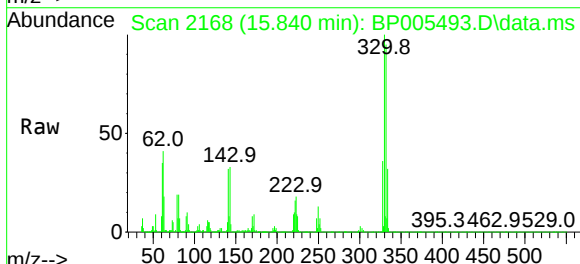
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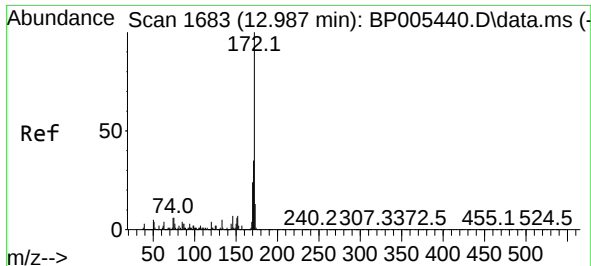
Tgt Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	69.2	40.9	80.9
272	0.0	0.0	34.6



#42
2,4,6-Tribromophenol
Concen: 139.05 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion:	330	Resp:	59532
Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.3	114.5
141	33.2	22.8	34.2

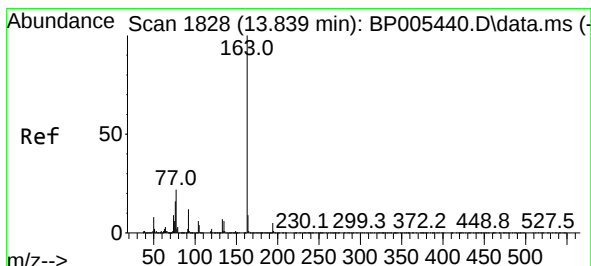
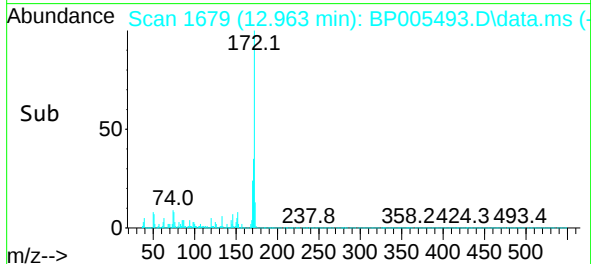
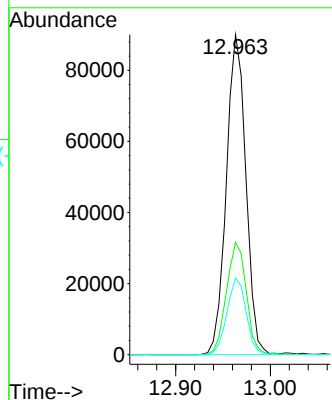
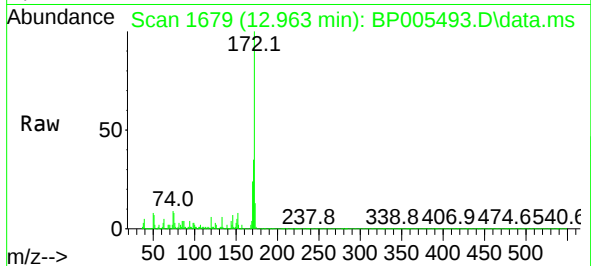




#45
2-Fluorobiphenyl
Concen: 96.52 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

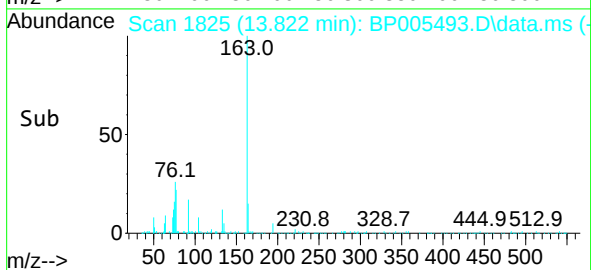
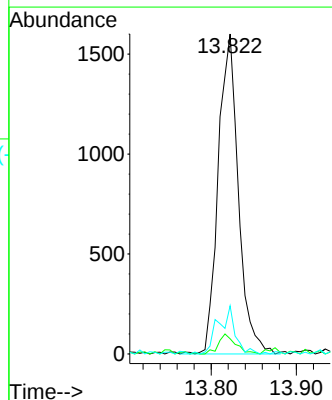
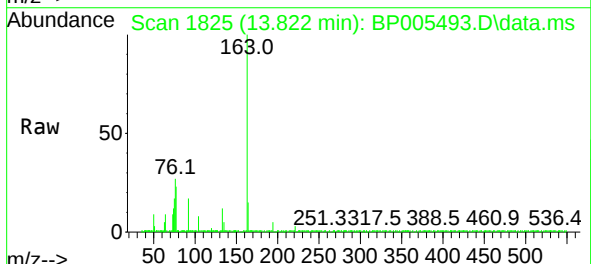
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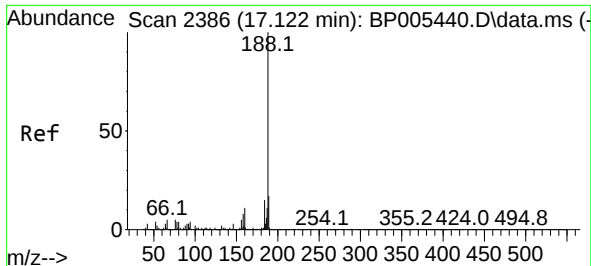
Tgt Ion:172 Resp: 129089
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.9 19.6 29.4



#50
Dimethylphthalate
Concen: 2.03 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion:163 Resp: 2638
Ion Ratio Lower Upper
163 100
194 4.7 3.9 5.9
164 15.1 8.1 12.1#

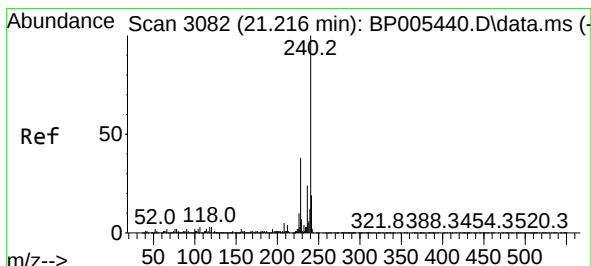
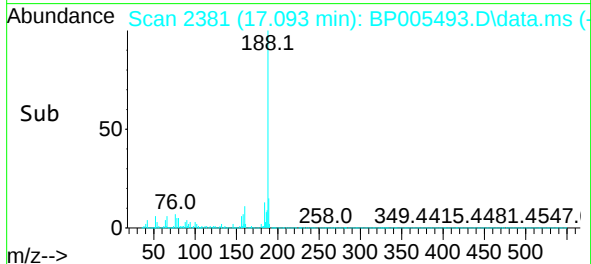
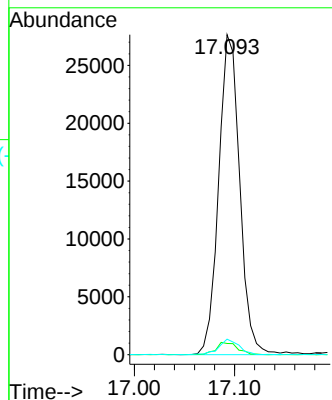
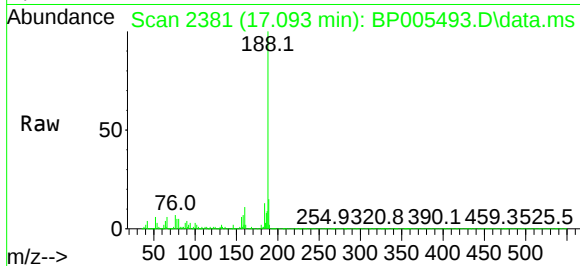




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.093 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

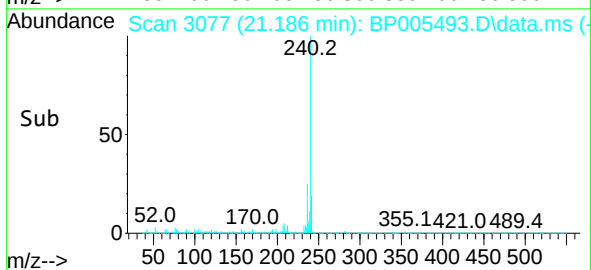
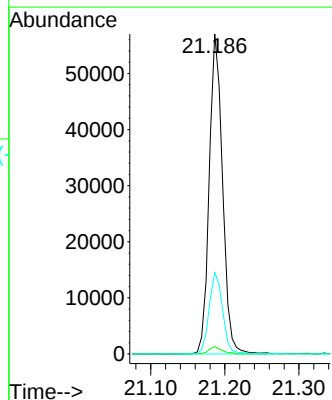
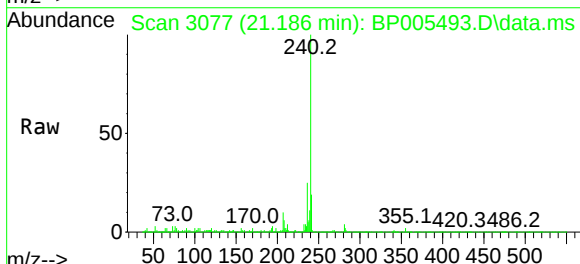
Instrument :
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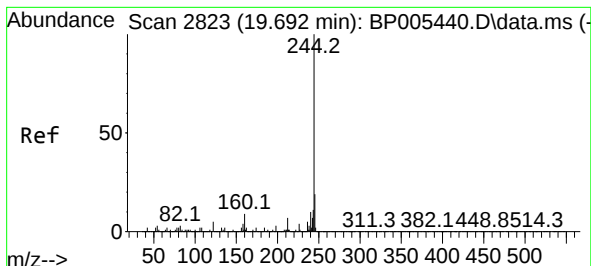
Tgt Ion:188	Resp:	40273
Ion Ratio	Lower	Upper
188	100	
94	3.5	5.0 7.6#
80	4.9	5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005493.D
Acq: 11 May 2021 17:25

Tgt Ion:240	Resp:	71191
Ion Ratio	Lower	Upper
240	100	
120	2.3	4.2 6.2#
236	25.4	20.2 30.2





#79

Terphenyl-d14

Concen: 81.53 ng

RT: 19.663 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BP005493.D

Acq: 11 May 2021 17:25

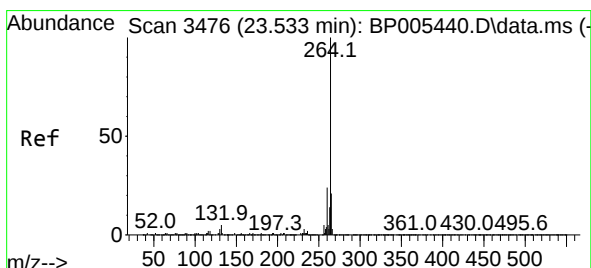
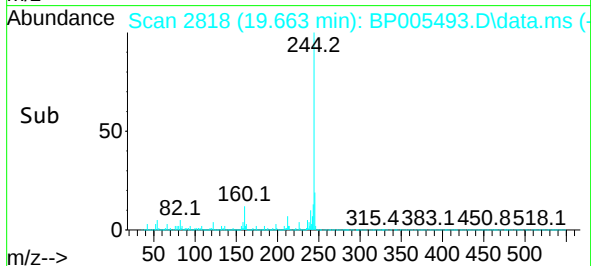
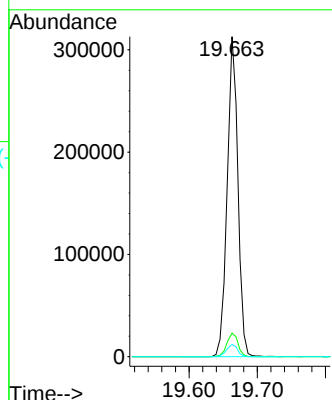
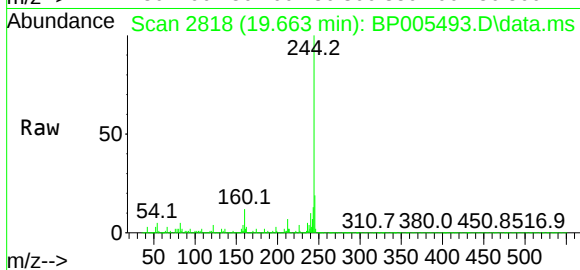
Instrument :

BNA_P

ClientSampleId :

MW-18

Tgt Ion:244	Resp:	341773
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.8 8.6
122	3.8	5.2 7.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.492 min Scan# 3469

Delta R.T. -0.012 min

Lab File: BP005493.D

Acq: 11 May 2021 17:25

Tgt Ion:264	Resp:	96861
Ion Ratio	Lower	Upper
264	100	
260	24.7	20.6 30.8
265	19.5	19.0 28.6

