

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
 Data File : BP005495.D
 Acq On : 11 May 2021 18:33
 Operator : CG/JU
 Sample : M2322-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-20210505

Quant Time: May 12 05:27:48 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)

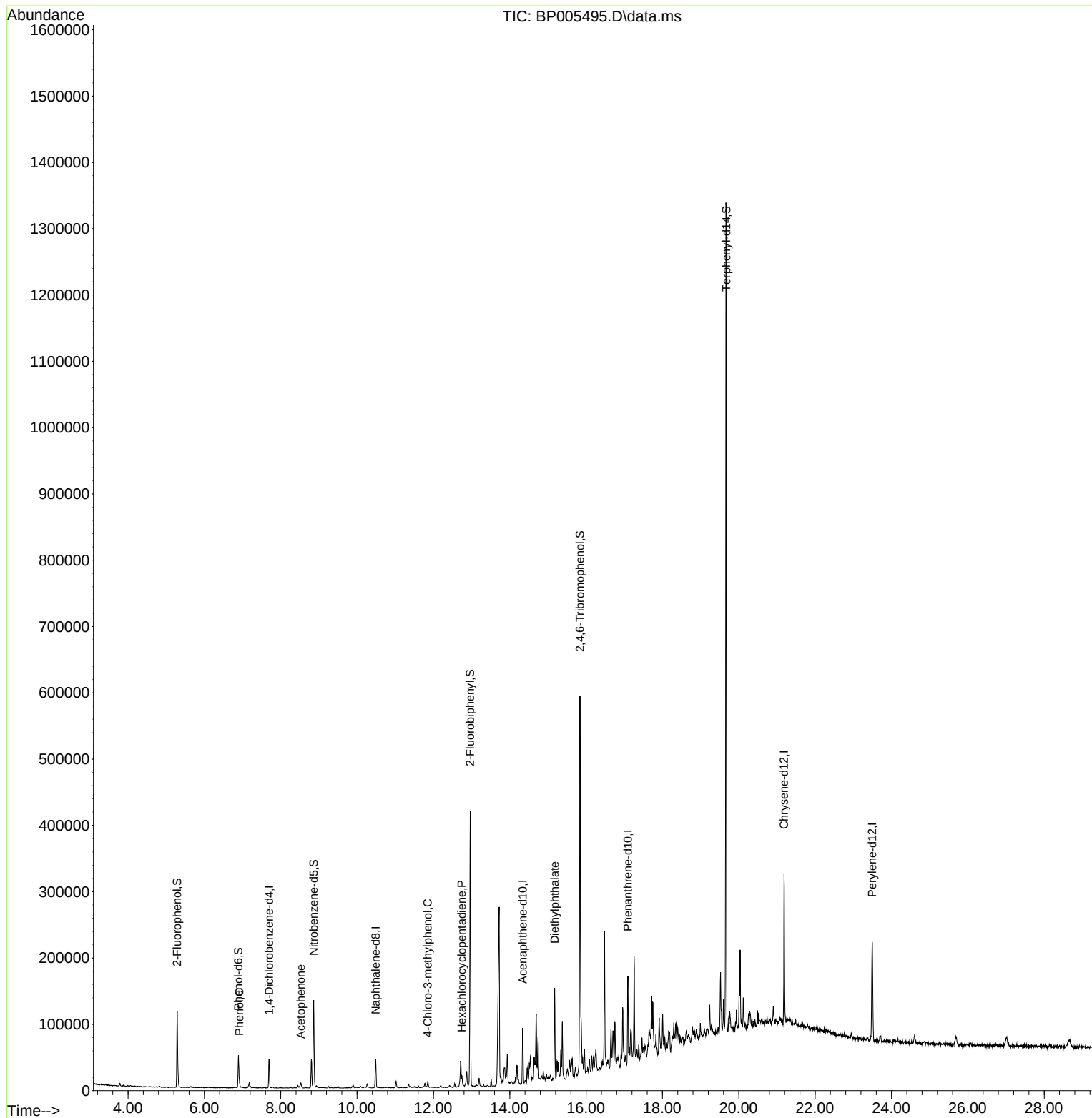
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	7732	20.00	ng	0.00
21) Naphthalene-d8	10.487	136	22776	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	22608	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	69027	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	98377	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	116635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	31795	78.92	ng	0.00
7) Phenol-d6	6.893	99	18423	36.67	ng	0.00
23) Nitrobenzene-d5	8.863	82	63558	109.84	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	98901	154.16	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	158647	79.16	ng	0.00
79) Terphenyl-d14	19.669	244	506270	87.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	53	Below Cal	#	1
9) Benzaldehyde	6.828	77	26	Below Cal	#	34
10) Phenol	6.917	94	1399	2.78	ng	# 3
22) Acetophenone	8.528	105	2470	3.84	ng	# 81
36) 4-Chloro-3-methylphenol	11.852	107	2903	6.45	ng	# 21
41) Hexachlorocyclopentadiene	12.740	237	5	7.88	ng	84
60) Diethylphthalate	15.175	149	60366	31.93	ng	98

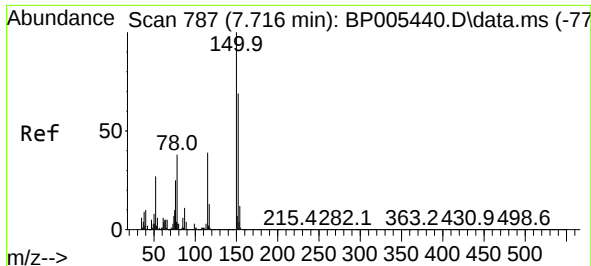
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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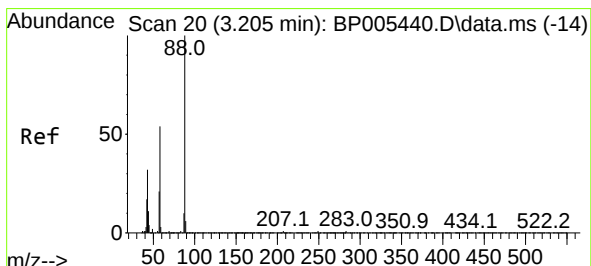
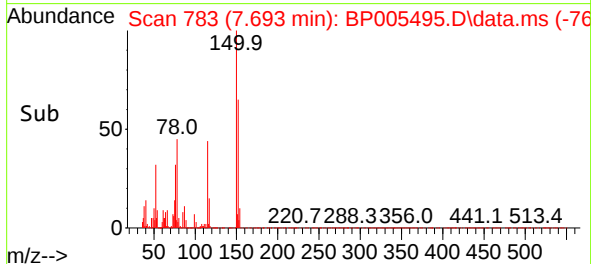
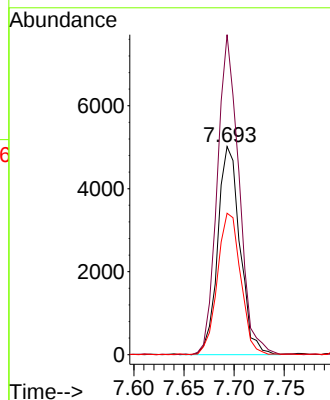
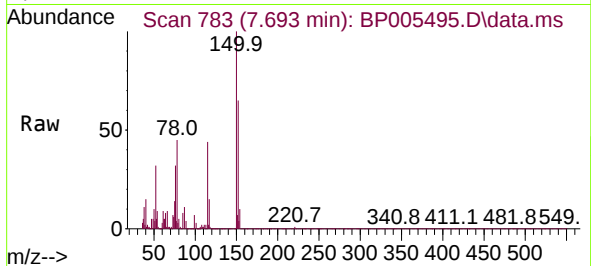




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

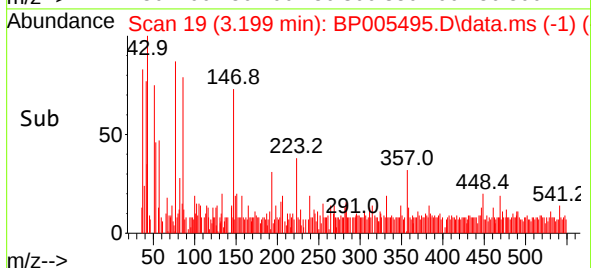
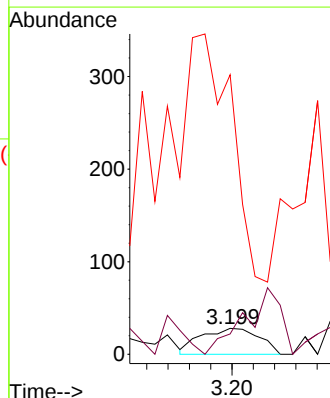
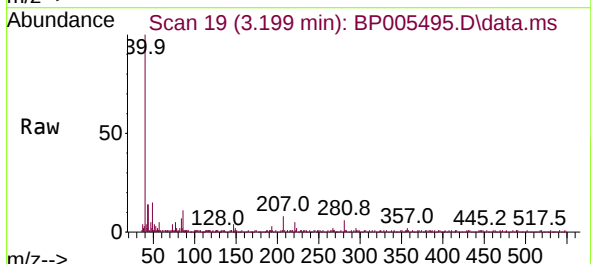
Instrument :
BNA_P
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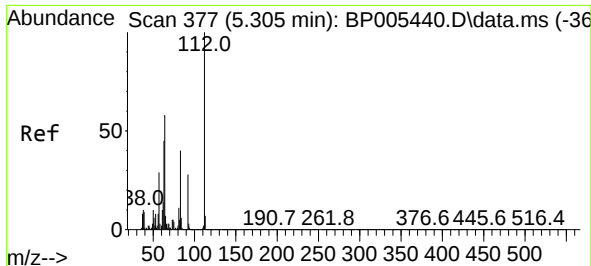
Tgt Ion:152 Resp: 7732
Ion Ratio Lower Upper
152 100
150 153.7 119.8 179.8
115 68.0 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.199 min Scan# 19
Delta R.T. 0.018 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion: 88 Resp: 53
Ion Ratio Lower Upper
88 100
58 0.0 42.5 63.7#
43 892.5 19.8 29.8#

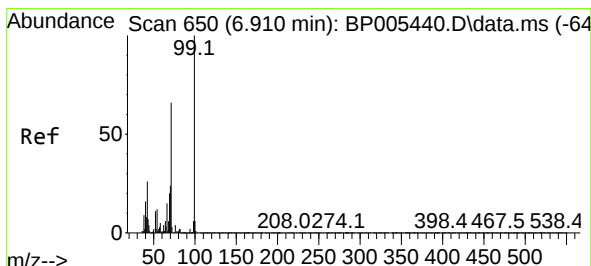
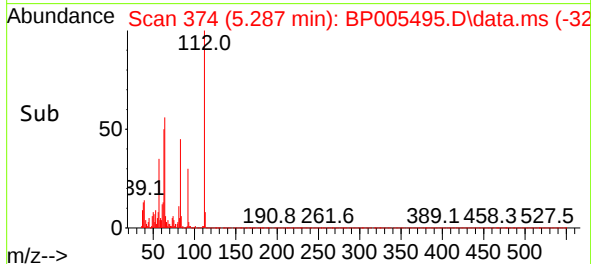
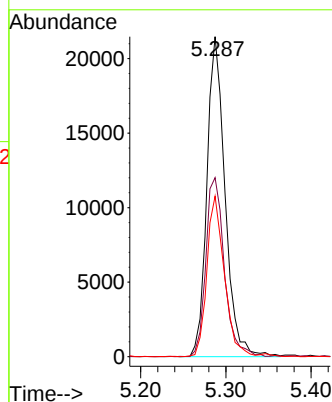
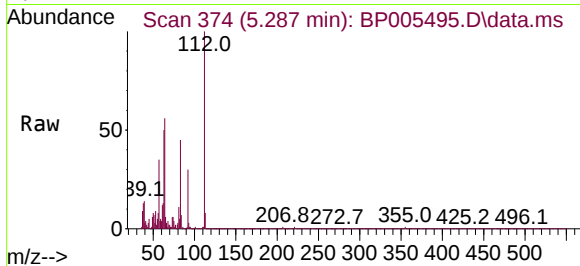




#5
2-Fluorophenol
Concen: 78.92 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

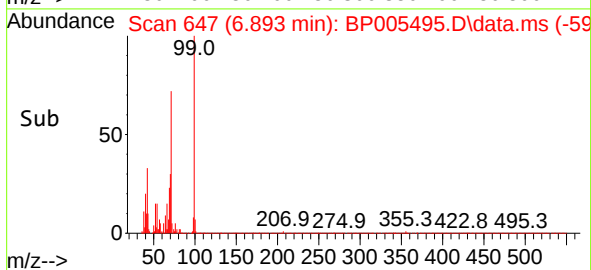
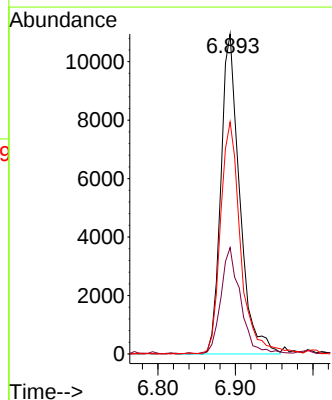
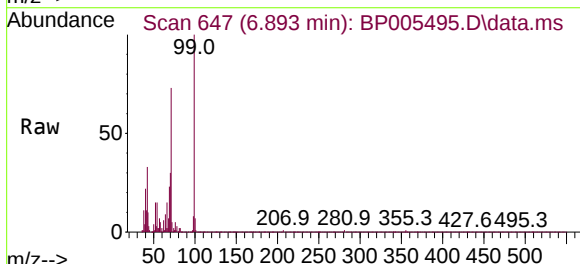
Instrument :
BNA_P
ClientSampleId :
WC-20210505

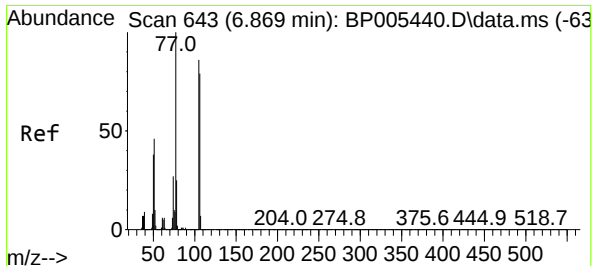
Tgt Ion:112 Resp: 31795
Ion Ratio Lower Upper
112 100
64 55.9 33.6 50.4#
63 50.2 18.6 27.8#



#7
Phenol-d6
Concen: 36.67 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion: 99 Resp: 18423
Ion Ratio Lower Upper
99 100
42 33.3 12.9 19.3#
71 72.5 26.7 40.1#

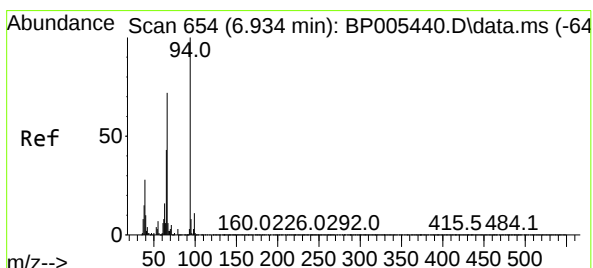
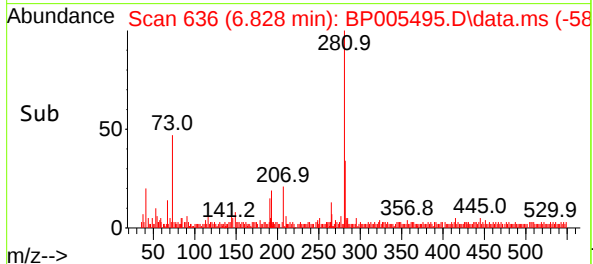
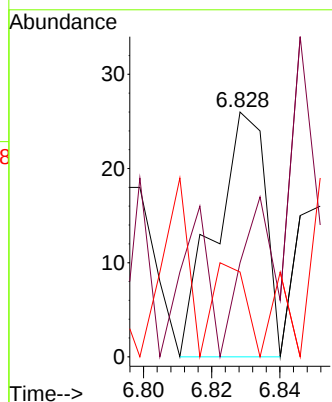
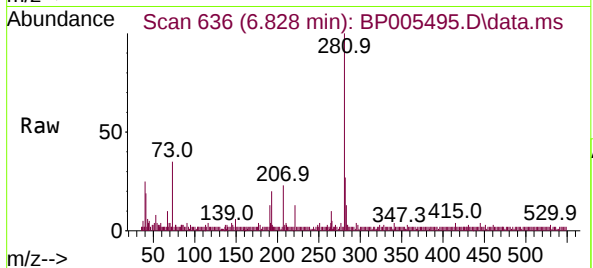




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 636
Delta R.T. -0.018 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

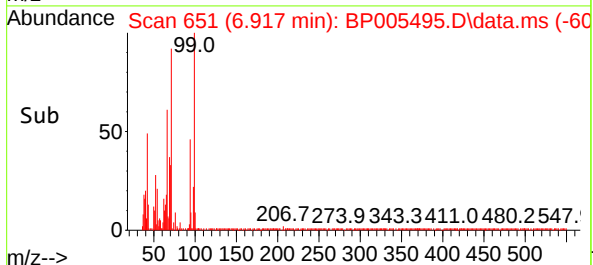
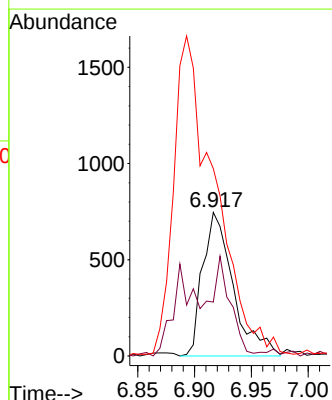
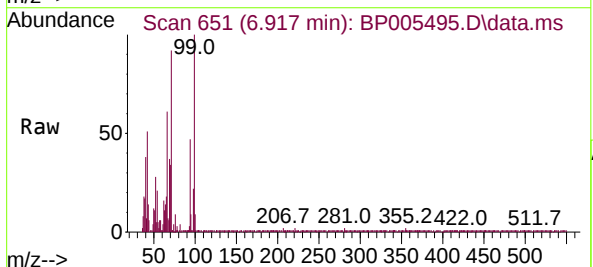
Instrument :
BNA_P
ClientSampleId :
WC-20210505

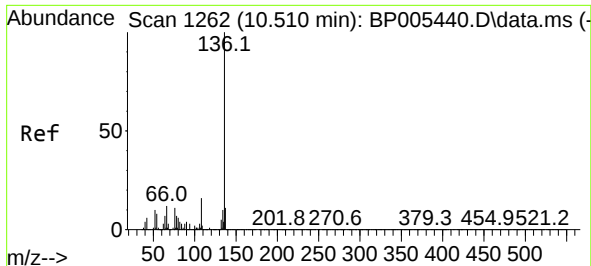
Tgt Ion: 77 Resp: 26
Ion Ratio Lower Upper
77 100
105 38.5 89.4 129.4#
106 34.6 79.9 119.9#



#10
Phenol
Concen: 2.78 ng
RT: 6.917 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion: 94 Resp: 1399
Ion Ratio Lower Upper
94 100
65 37.5 8.0 48.0
66 130.6 17.3 57.3#

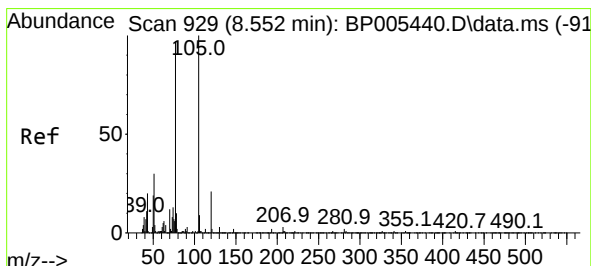
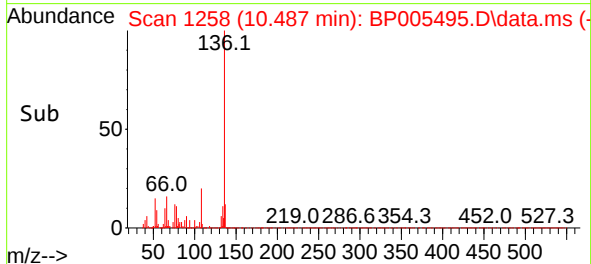
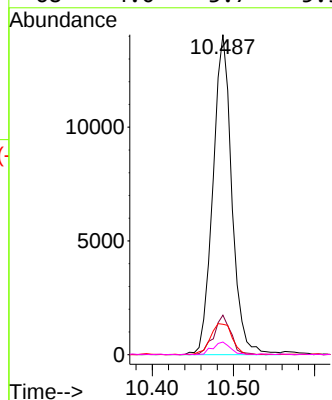
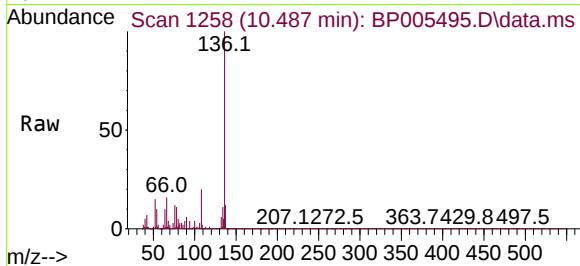




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

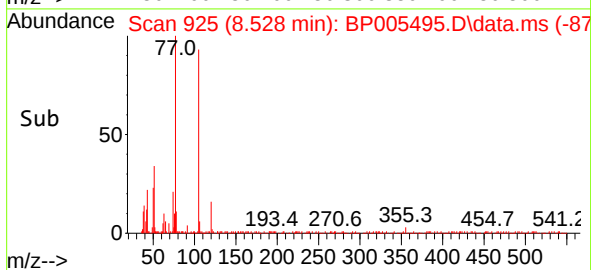
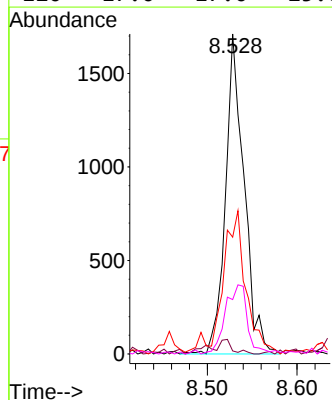
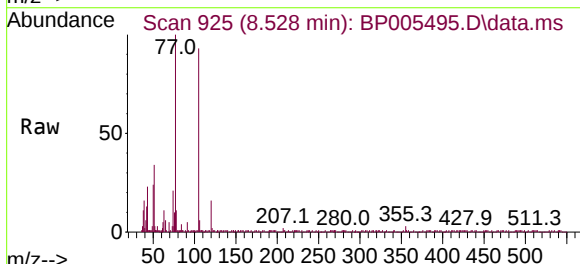
Instrument :
BNA_P
ClientSampleId :
WC-20210505

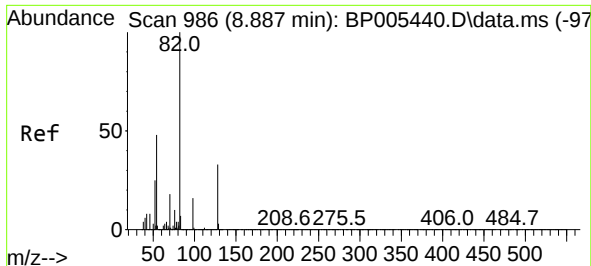
Tgt Ion:	136	Resp:	22776
Ion Ratio	100	Lower	Upper
136	100		
137	12.4	8.9	13.3
54	9.5	5.0	7.4#
68	4.0	3.7	5.5



#22
Acetophenone
Concen: 3.84 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion:	105	Resp:	2470
Ion Ratio	100	Lower	Upper
105	100		
71	1.0	0.9	1.3
51	36.5	18.2	27.2#
120	17.0	17.0	25.6#

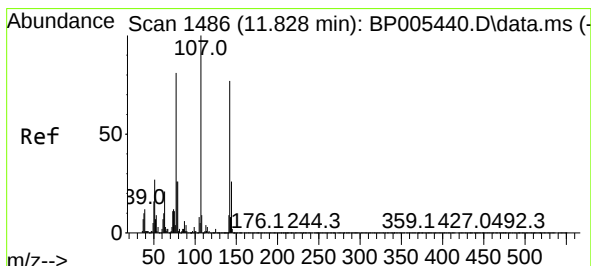
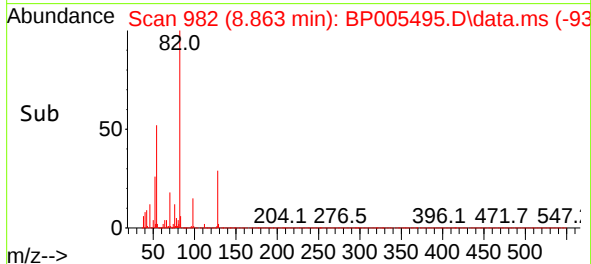
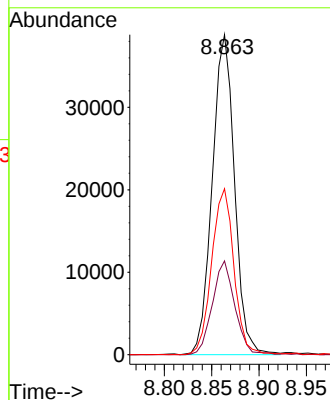
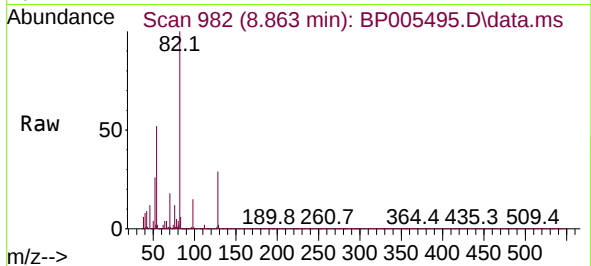




#23
Nitrobenzene-d5
Concen: 109.84 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

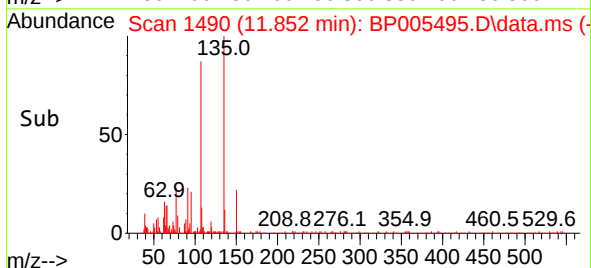
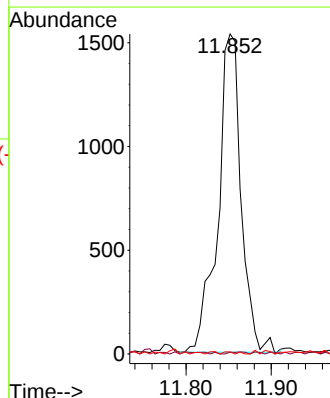
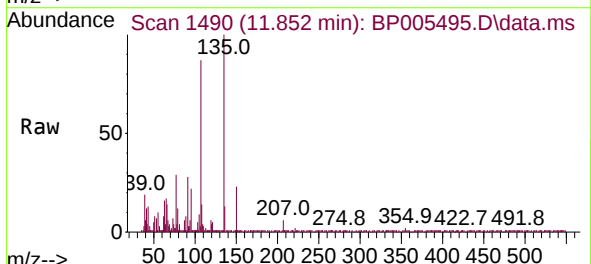
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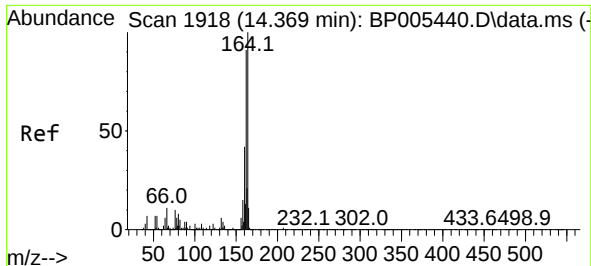
Tgt Ion: 82 Resp: 63558
Ion Ratio Lower Upper
82 100
128 29.3 30.5 45.7#
54 51.8 33.9 50.9#



#36
4-Chloro-3-methylphenol
Concen: 6.45 ng
RT: 11.852 min Scan# 1490
Delta R.T. 0.041 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion: 107 Resp: 2903
Ion Ratio Lower Upper
107 100
144 0.6 20.1 30.1#
142 0.6 62.2 93.4#

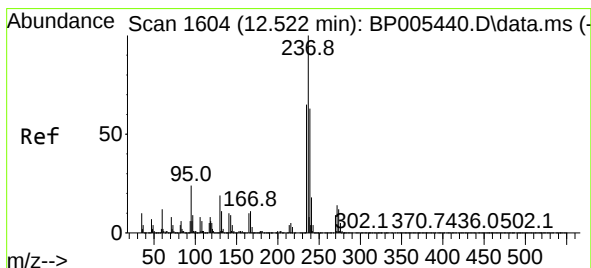
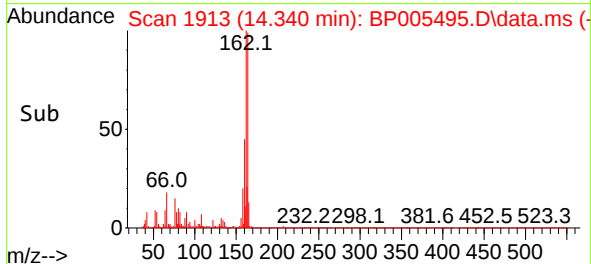
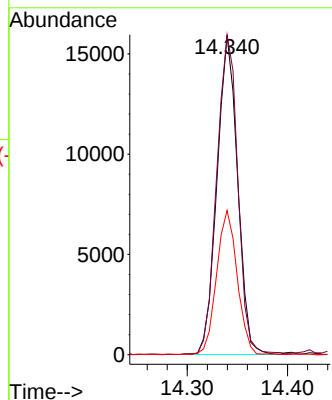
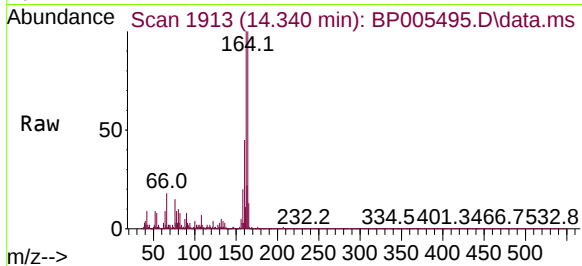




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.340 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

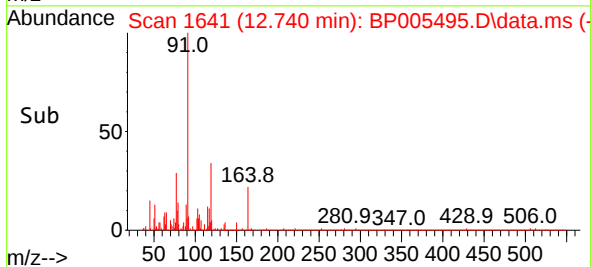
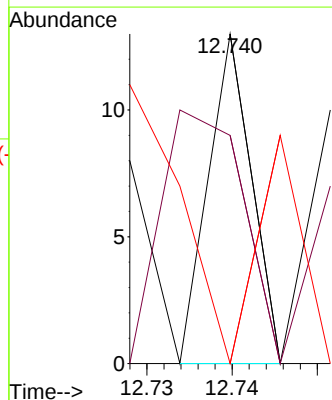
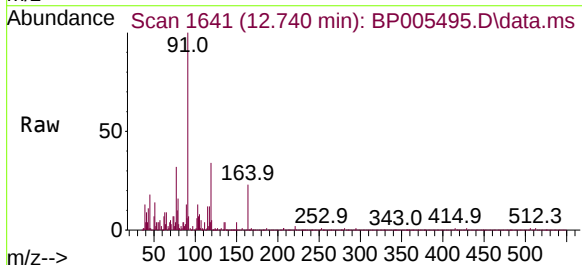
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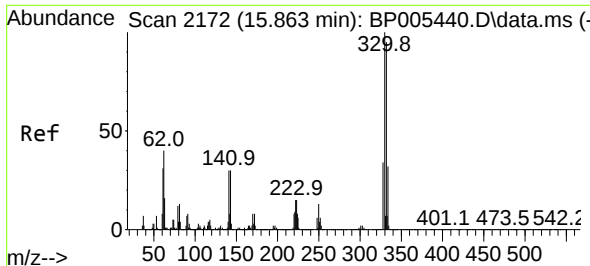
Tgt Ion:164	Resp:	22608
Ion Ratio	Lower	Upper
164	100	
162	100.4	73.5 110.3
160	45.2	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.740 min Scan# 1641
Delta R.T. 0.241 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion:237	Resp:	5
Ion Ratio	Lower	Upper
237	100	
235	69.2	40.9 80.9
272	0.0	0.0 34.6

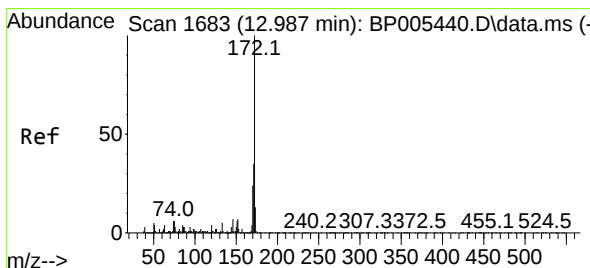
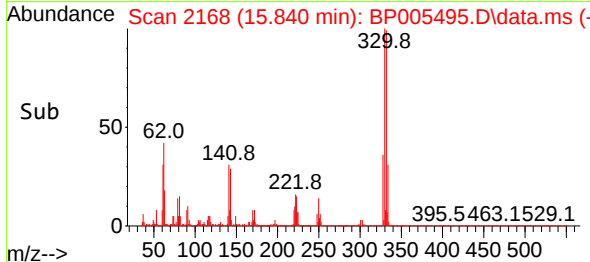
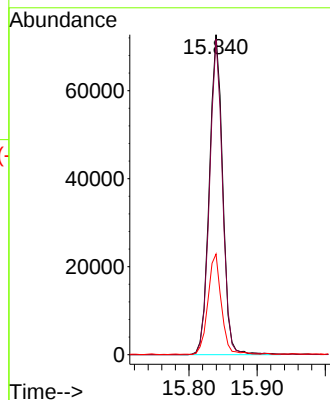
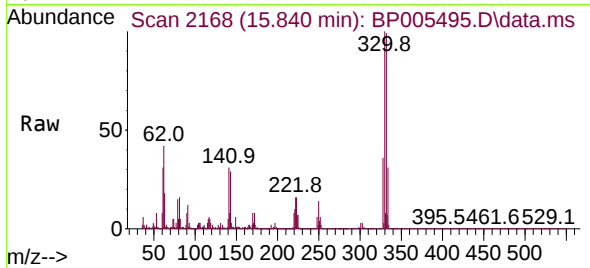




#42
2,4,6-Tribromophenol
Concen: 154.16 ng
RT: 15.840 min Scan# 2168
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

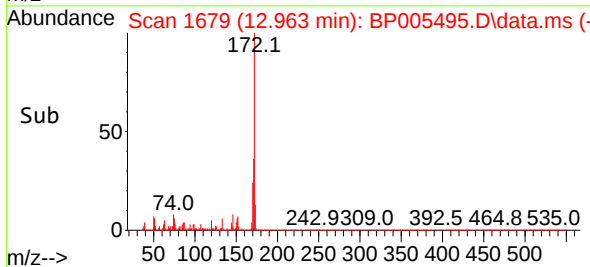
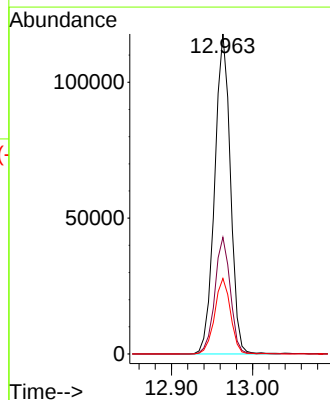
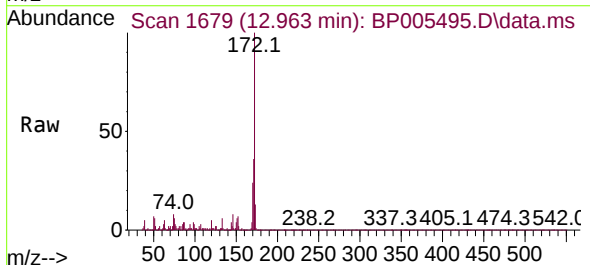
Instrument :
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WC-20210505

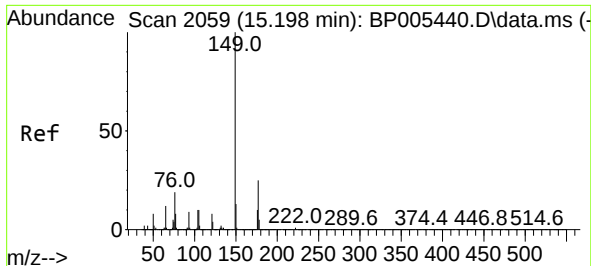
Tgt Ion:	330	Resp:	98901
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.3	114.5
141	31.3	22.8	34.2



#45
2-Fluorobiphenyl
Concen: 79.16 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion:	172	Resp:	158647
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.1	42.1
170	23.6	19.6	29.4

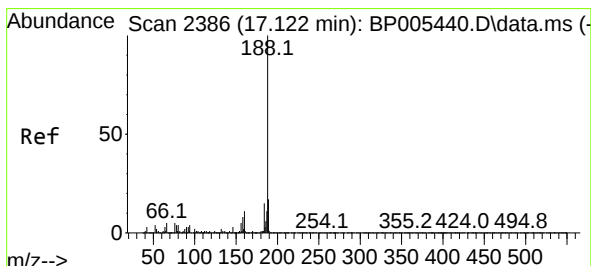
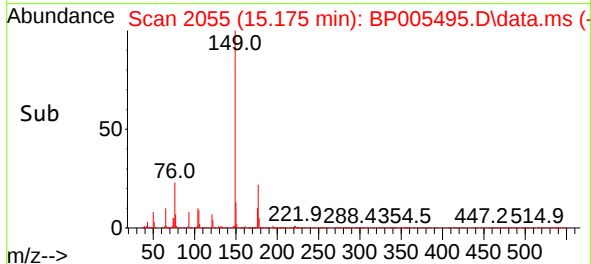
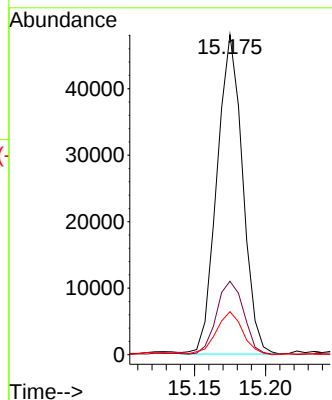
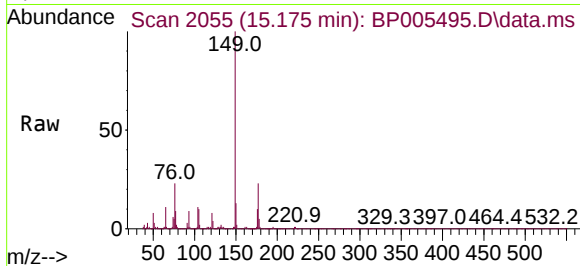




#60
Diethylphthalate
Concen: 31.93 ng
RT: 15.175 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

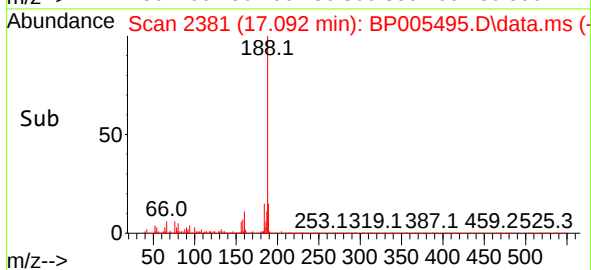
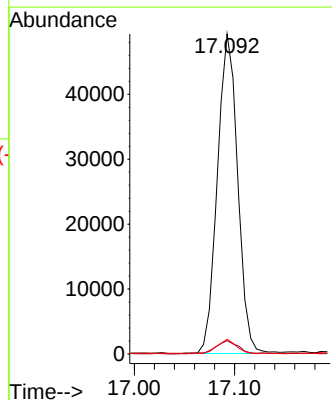
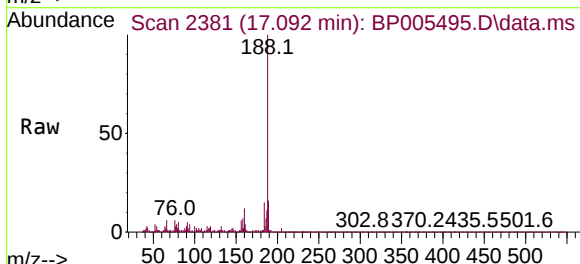
Instrument :
BNA_P
ClientSampleId :
WC-20210505

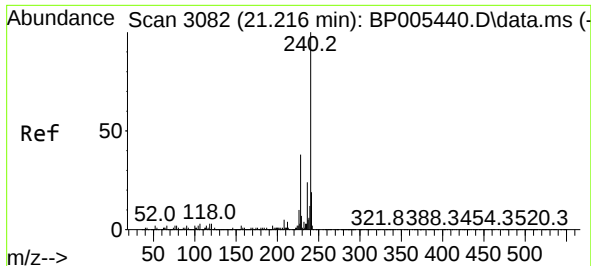
Tgt Ion:149 Resp: 60366
Ion Ratio Lower Upper
149 100
177 22.9 19.2 28.8
150 13.4 9.9 14.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion:188 Resp: 69027
Ion Ratio Lower Upper
188 100
94 4.2 5.0 7.6#
80 4.6 5.9 8.9#

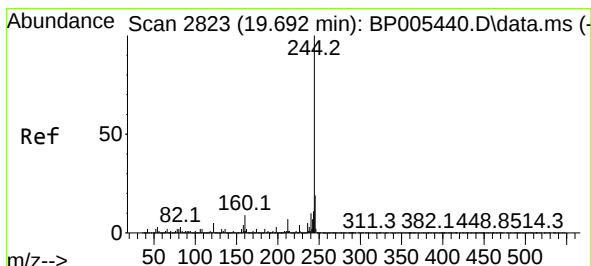
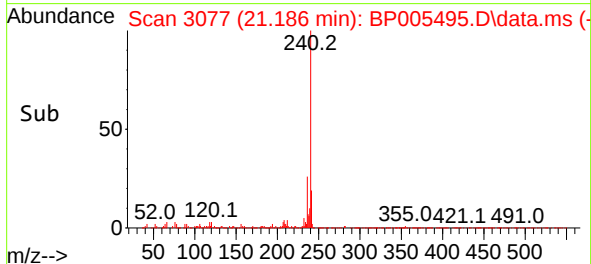
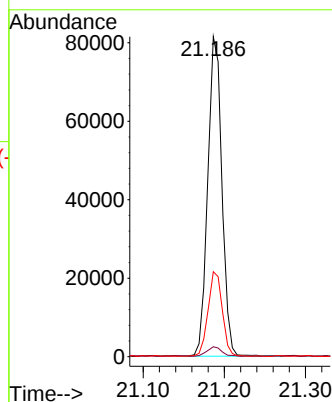
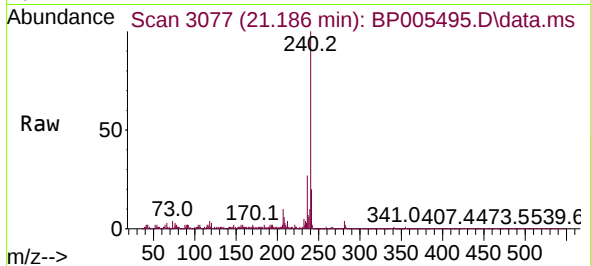




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

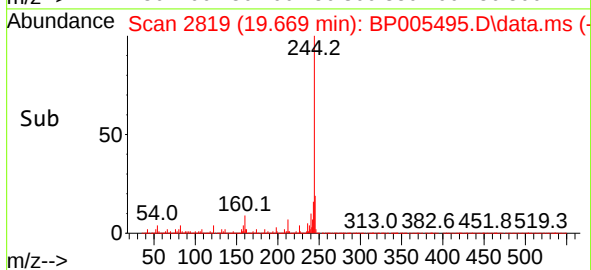
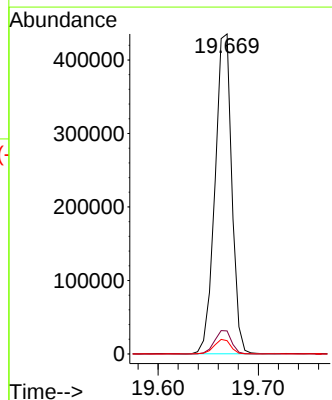
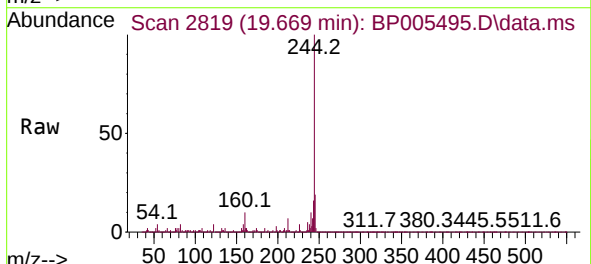
Instrument :
BNA_P
ClientSampleId :
WC-20210505

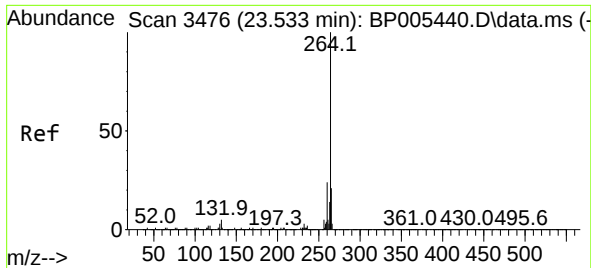
Tgt Ion:240 Resp: 98377
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 26.6 20.2 30.2



#79
Terphenyl-d14
Concen: 87.40 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005495.D
Acq: 11 May 2021 18:33

Tgt Ion:244 Resp: 506270
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.2 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: BP005495.D
 Acq: 11 May 2021 18:33

Instrument :
 BNA_P
 ClientSampleId :
 WC-20210505

Tgt Ion:	264	Resp:	116635
Ion Ratio	Lower	Upper	
264	100		
260	23.7	20.6	30.8
265	22.2	19.0	28.6

