

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010522\
 Data File : BP008694.D
 Acq On : 05 Jan 2022 17:27
 Operator : CG/JU
 Sample : M5251-01DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1RDL

Quant Time: Jan 06 03:03:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

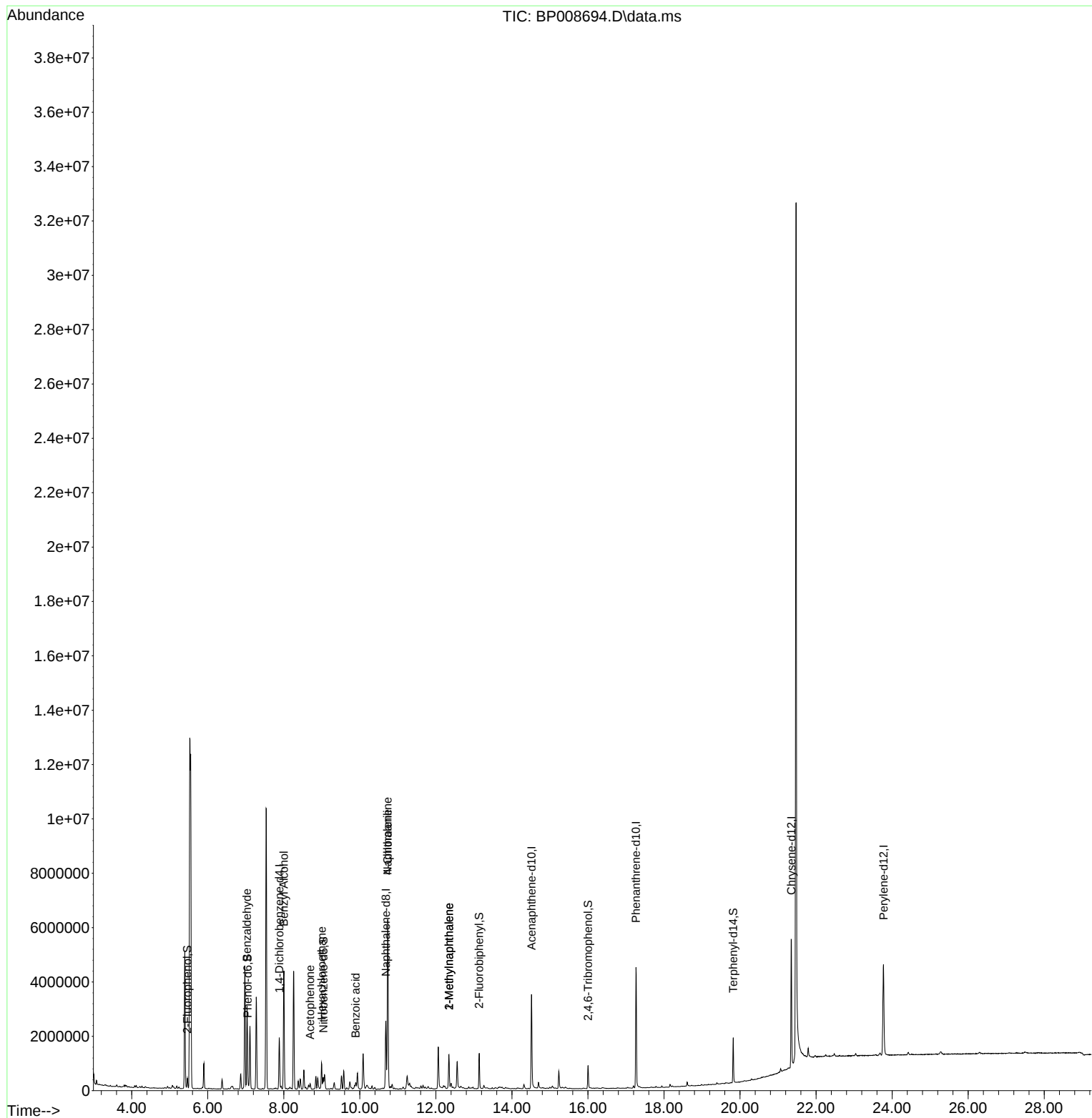
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	560263	20.000	ng	-0.02
21) Naphthalene-d8	10.687	136	2241651	20.000	ng	-0.01
39) Acenaphthene-d10	14.516	164	1420066	20.000	ng	-0.01
64) Phenanthrene-d10	17.263	188	2942129	20.000	ng	-0.01
76) Chrysene-d12	21.351	240	2614706	20.000	ng	-0.01
86) Perylene-d12	23.774	264	2798225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	162374	5.290	ng	0.00
7) Phenol-d6	7.052	99	155208	3.633	ng	0.00
23) Nitrobenzene-d5	9.040	82	260937	6.925	ng	-0.02
42) 2,4,6-Tribromophenol	16.004	330	194429	10.120	ng	-0.01
45) 2-Fluorobiphenyl	13.140	172	777935	7.937	ng	-0.02
79) Terphenyl-d14	19.822	244	849306	6.632	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.034	77	215455	8.860	ng	# 1
15) Benzyl Alcohol	8.005	79	212320	6.938	ng	# 1
18) Hexachloroethane	8.999	117	121515	8.658	ng	# 1
22) Acetophenone	8.693	105	149923	2.789	ng	# 64
31) Naphthalene	10.734	128	5409303	46.491	ng	# 99
32) Benzoic acid	9.893	122	66741	3.435	ng	# 21
33) 4-Chloroaniline	10.734	127	698972	14.010	ng	# 33
37) 2-Methylnaphthalene	12.345	142	644528	7.359	ng	# 99
38) 1-Methylnaphthalene	12.345	142	643948	7.520	ng	# 96

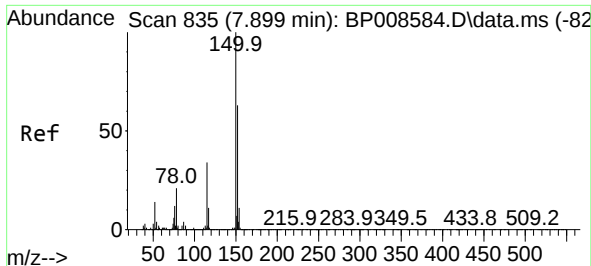
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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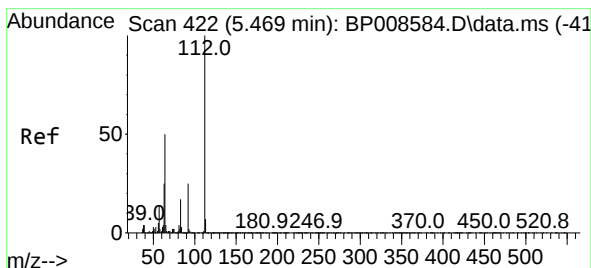
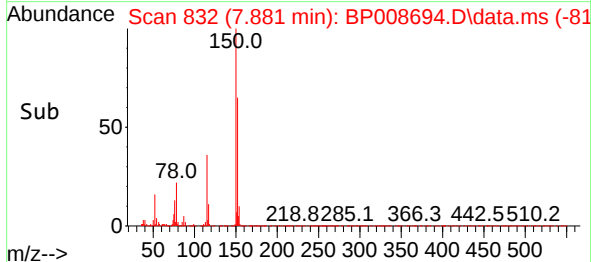
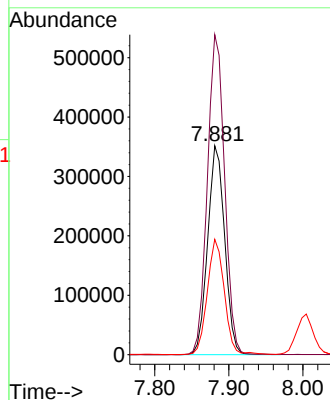
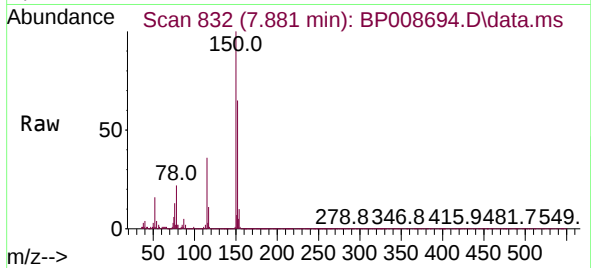




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 81
Delta R.T. -0.018 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

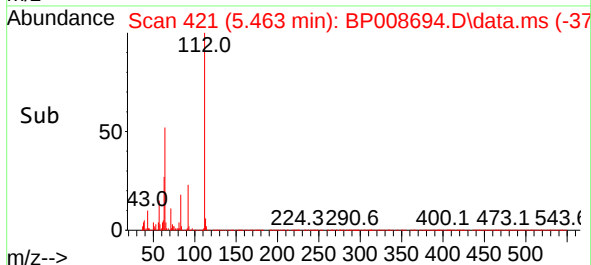
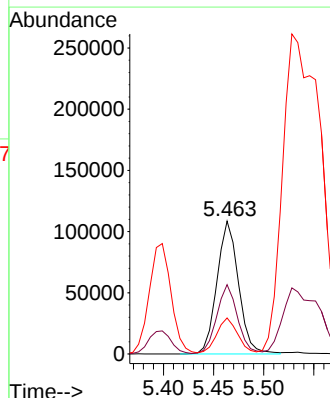
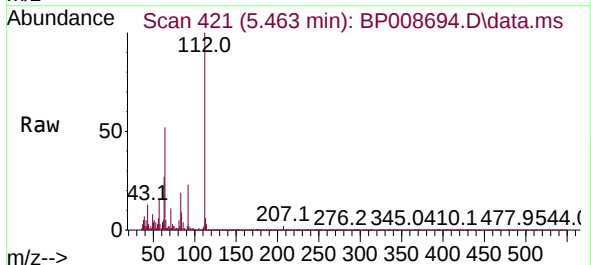
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

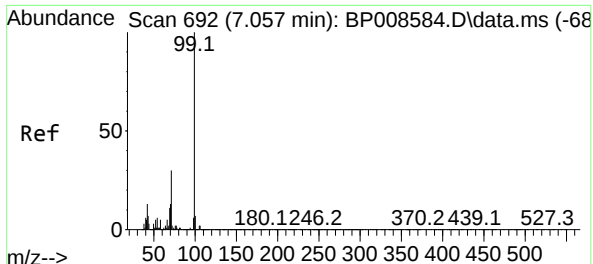
Tgt Ion:152 Resp: 560263
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 55.2 43.7 65.5



#5
2-Fluorophenol
Concen: 5.290 ng
RT: 5.463 min Scan# 421
Delta R.T. -0.006 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:112 Resp: 162374
Ion Ratio Lower Upper
112 100
64 52.2 39.7 59.5
63 27.1 20.0 30.0

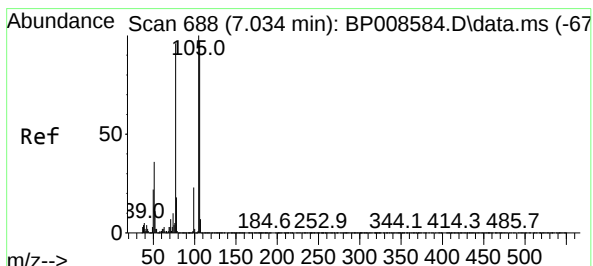
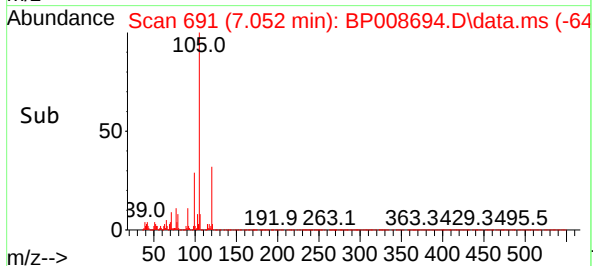
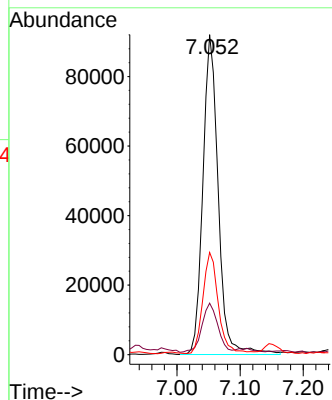
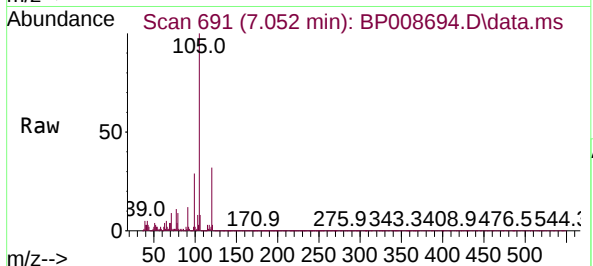




#7
Phenol-d6
Concen: 3.633 ng
RT: 7.052 min Scan# 691
Delta R.T. -0.006 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

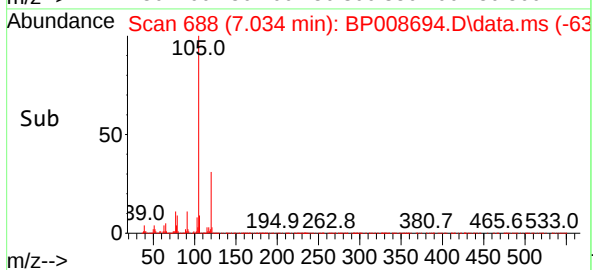
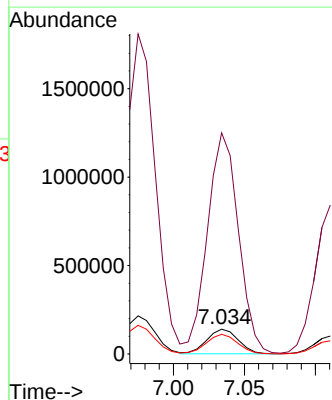
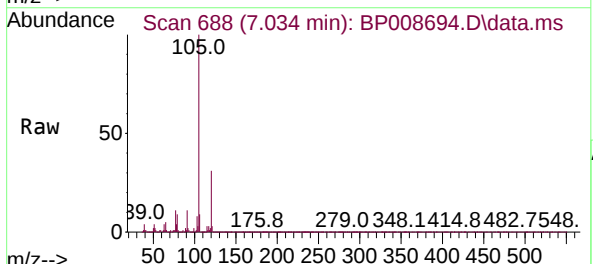
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

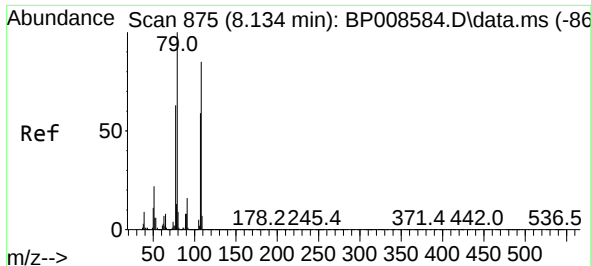
Tgt Ion: 99 Resp: 155208
Ion Ratio Lower Upper
99 100
42 16.1 10.8 16.2
71 32.0 23.8 35.6



#9
Benzaldehyde
Concen: 8.860 ng
RT: 7.034 min Scan# 688
Delta R.T. -0.000 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion: 77 Resp: 215455
Ion Ratio Lower Upper
77 100
105 892.5 84.2 124.2#
106 79.4 80.6 120.6#

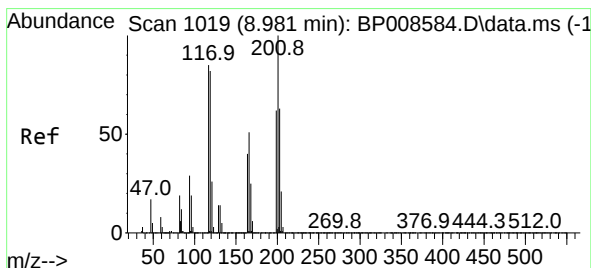
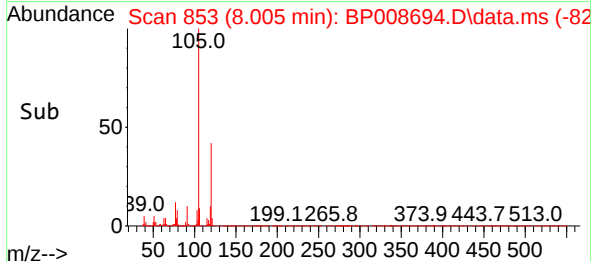
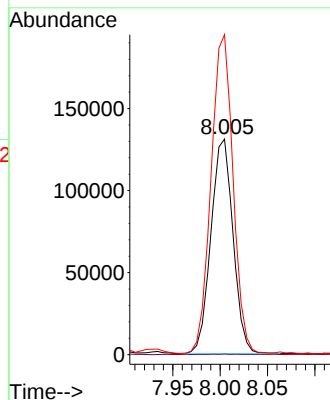
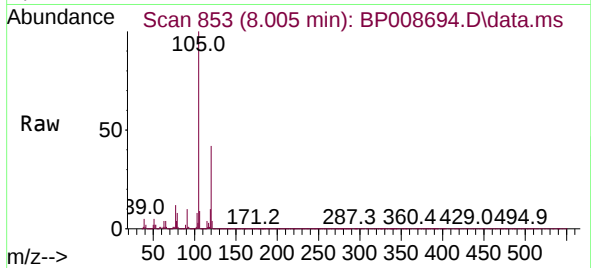




#15
Benzyl Alcohol
Concen: 6.938 ng
RT: 8.005 min Scan# 81
Delta R.T. -0.129 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

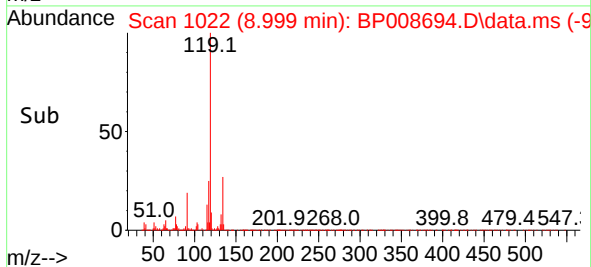
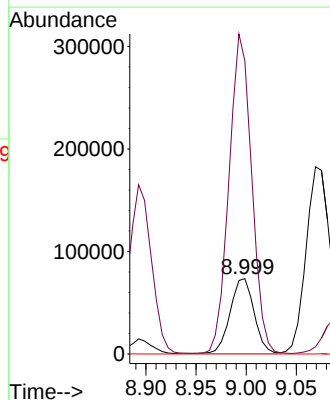
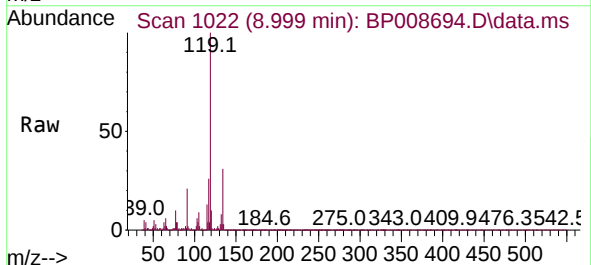
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

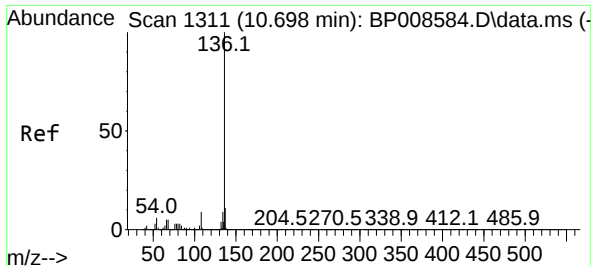
Tgt Ion: 79 Resp: 212320
Ion Ratio Lower Upper
79 100
108 0.3 67.8 101.8#
77 148.4 50.7 76.1#



#18
Hexachloroethane
Concen: 8.658 ng
RT: 8.999 min Scan# 1022
Delta R.T. 0.018 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion: 117 Resp: 121515
Ion Ratio Lower Upper
117 100
119 389.2 76.9 115.3#
201 0.1 93.7 140.5#



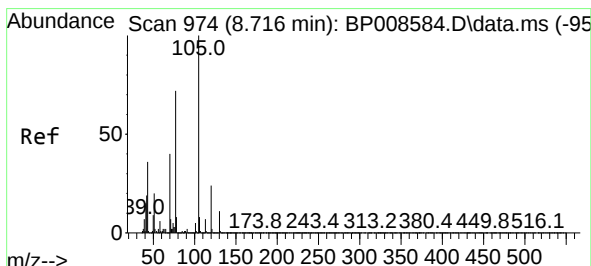
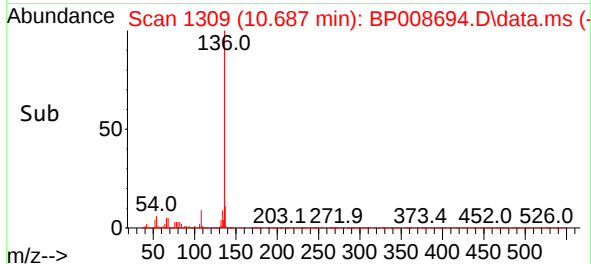
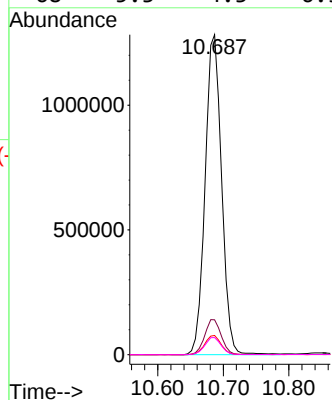
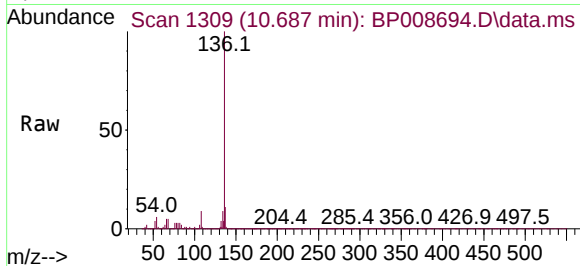


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Instrument :
BNA_P
ClientSampleId :
MW-1RDL

Tgt Ion:136 Resp: 2241651

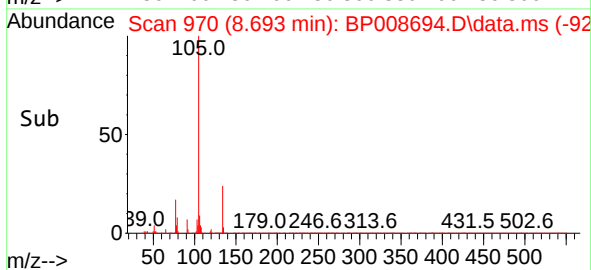
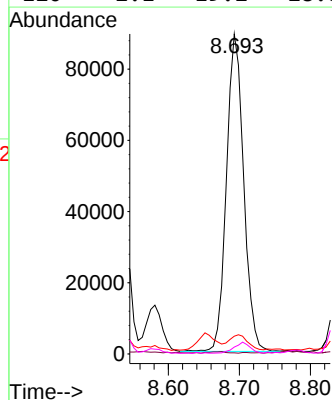
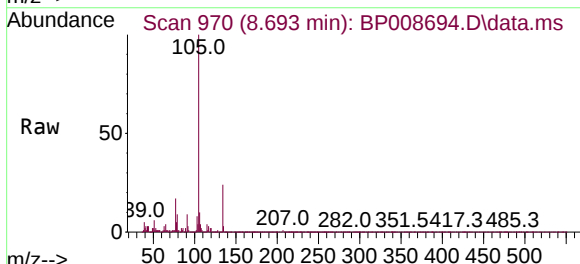
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.0	4.9	7.3
68	5.3	4.3	6.5

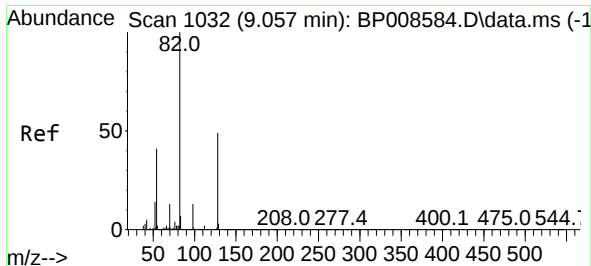


#22
Acetophenone
Concen: 2.789 ng
RT: 8.693 min Scan# 970
Delta R.T. -0.024 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:105 Resp: 149923

Ion	Ratio	Lower	Upper
105	100		
71	0.4	5.3	7.9#
51	5.6	16.3	24.5#
120	2.1	19.2	28.8#

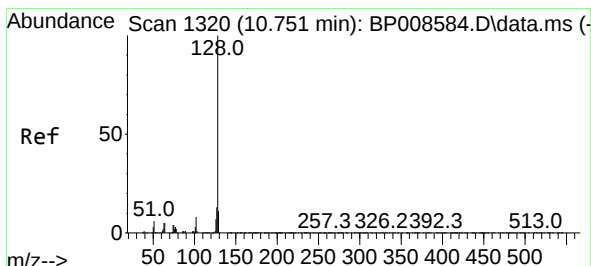
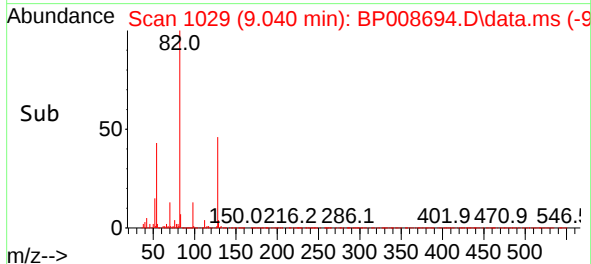
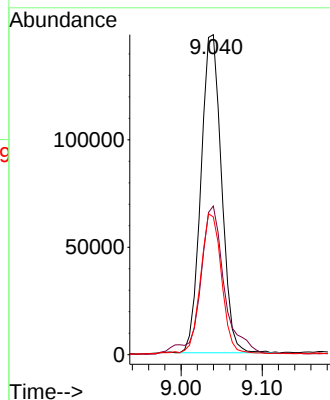
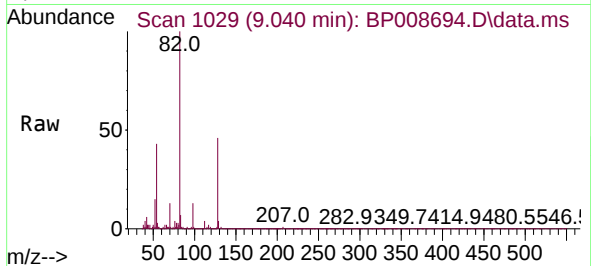




#23
Nitrobenzene-d5
Concen: 6.925 ng
RT: 9.040 min Scan# 110
Delta R.T. -0.018 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

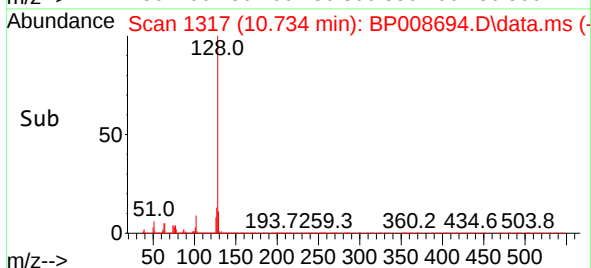
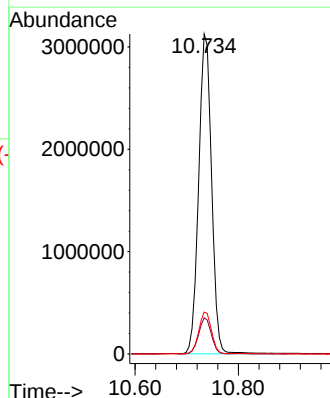
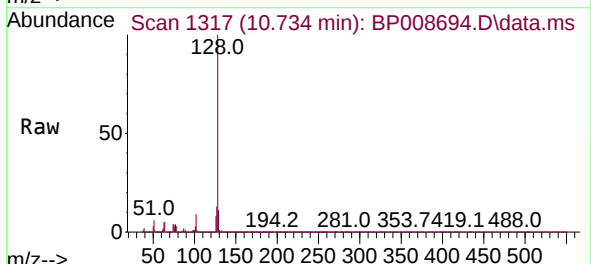
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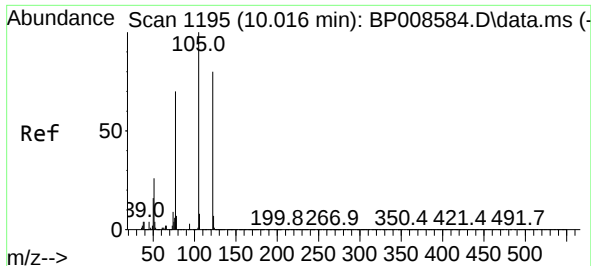
Tgt Ion: 82 Resp: 260937
Ion Ratio Lower Upper
82 100
128 46.4 39.4 59.2
54 43.1 32.6 48.8



#31
Naphthalene
Concen: 46.491 ng
RT: 10.734 min Scan# 1317
Delta R.T. -0.018 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion: 128 Resp: 5409303
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.1 10.4 15.6

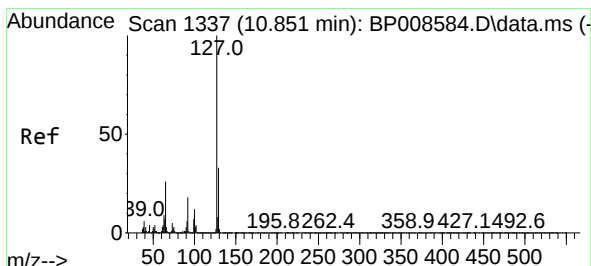
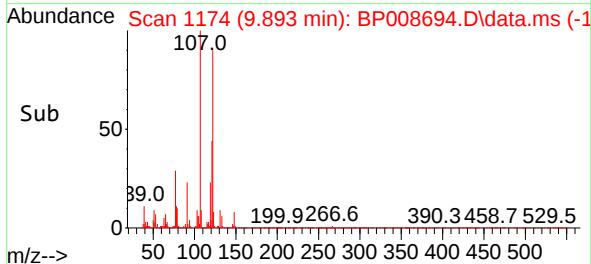
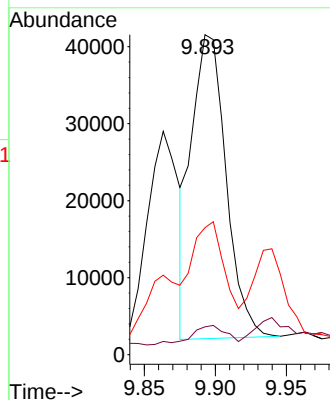
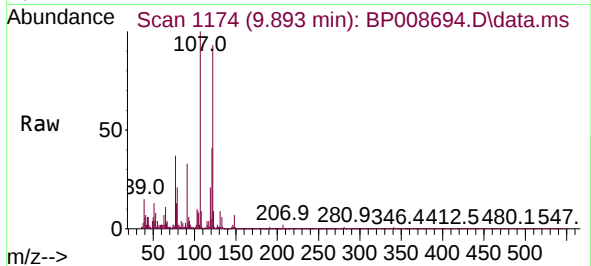




#32
Benzoic acid
Concen: 3.435 ng
RT: 9.893 min Scan# 1195
Delta R.T. -0.124 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

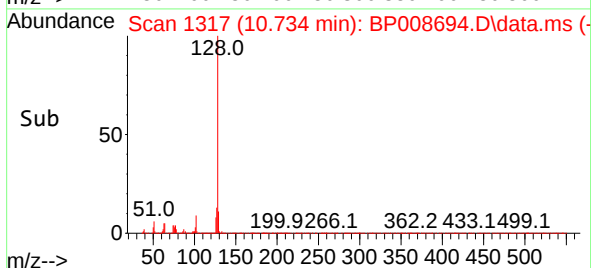
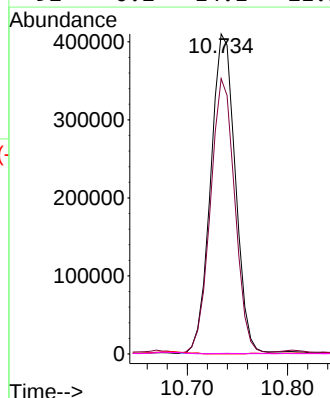
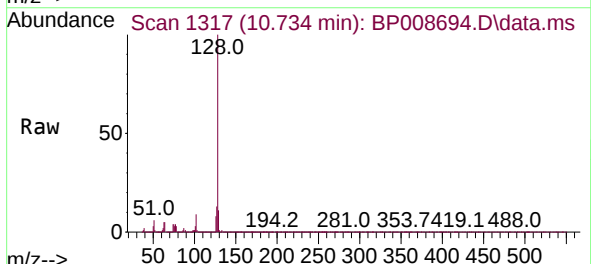
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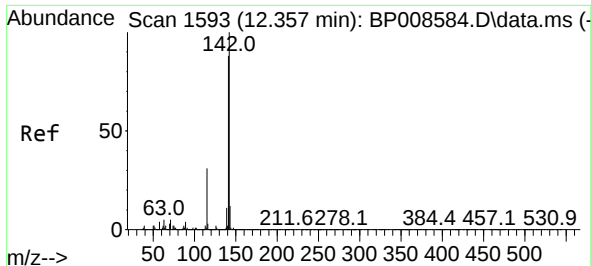
Tgt Ion:122 Resp: 66741
Ion Ratio Lower Upper
122 100
105 8.7 100.1 140.1#
77 39.7 65.5 105.5#



#33
4-Chloroaniline
Concen: 14.010 ng
RT: 10.734 min Scan# 1317
Delta R.T. -0.118 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:127 Resp: 698972
Ion Ratio Lower Upper
127 100
129 86.1 26.0 39.0#
65 0.0 20.5 30.7#
92 0.2 14.1 21.1#

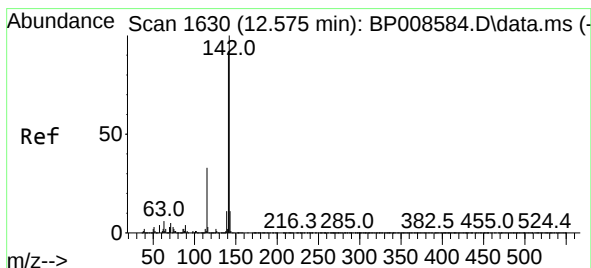
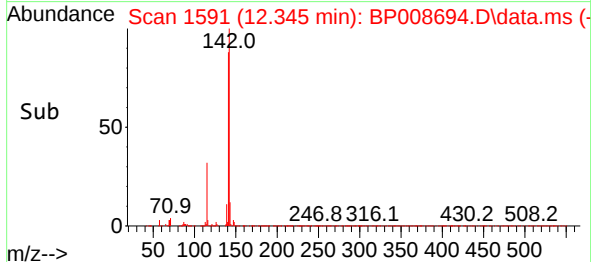
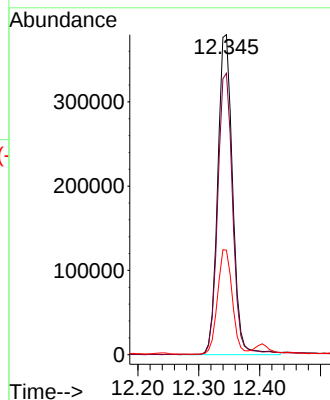
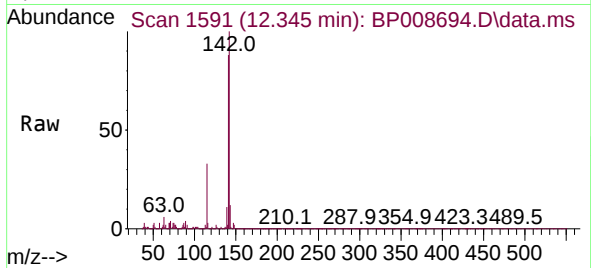




#37
2-Methylnaphthalene
Concen: 7.359 ng
RT: 12.345 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

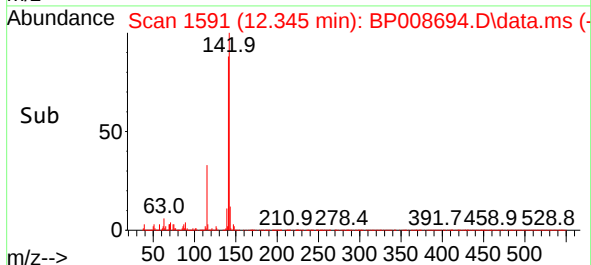
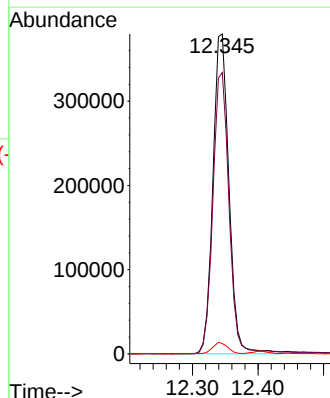
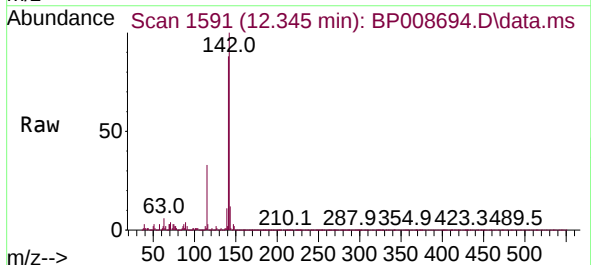
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

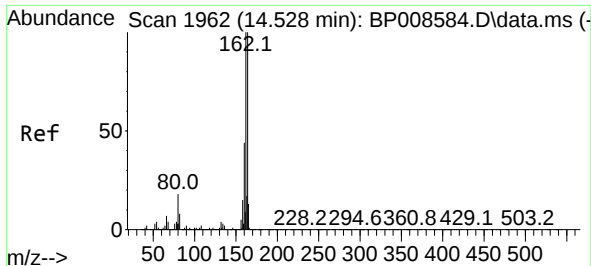
Tgt Ion:142 Resp: 644528
Ion Ratio Lower Upper
142 100
141 87.9 70.5 105.7
115 32.6 24.6 36.8



#38
1-Methylnaphthalene
Concen: 7.520 ng
RT: 12.345 min Scan# 1591
Delta R.T. -0.229 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:142 Resp: 643948
Ion Ratio Lower Upper
142 100
141 87.9 73.2 109.8
116 3.3 2.7 4.1

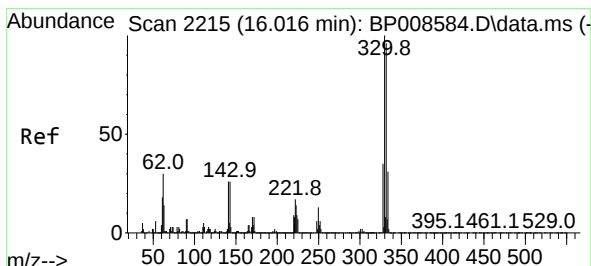
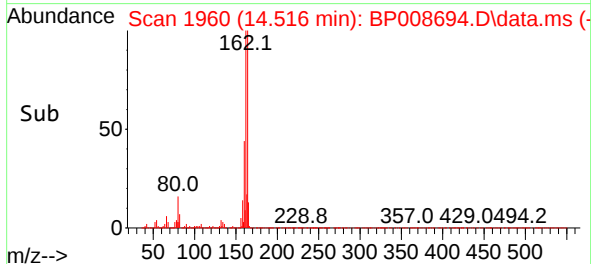
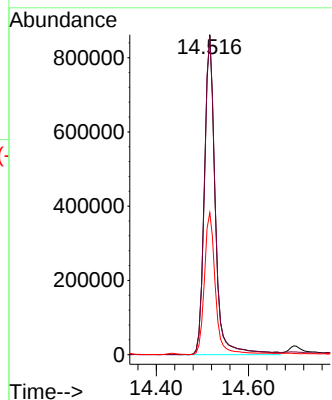
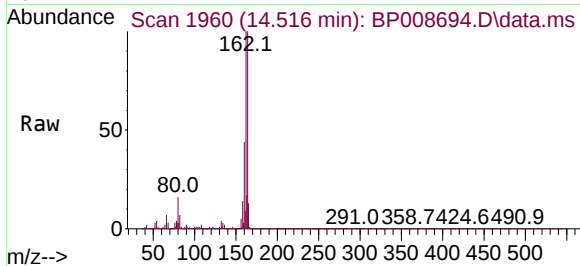




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

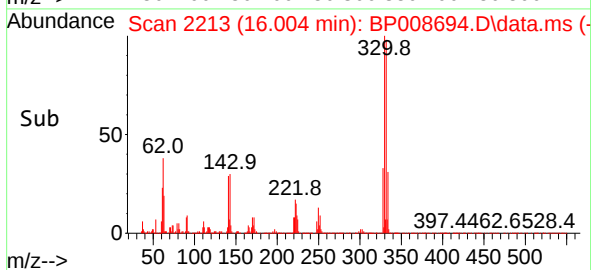
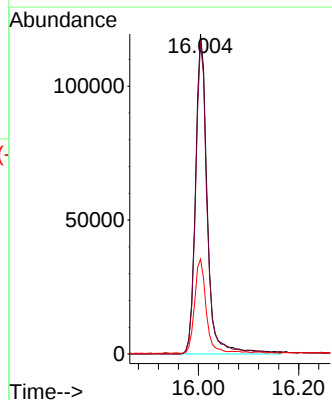
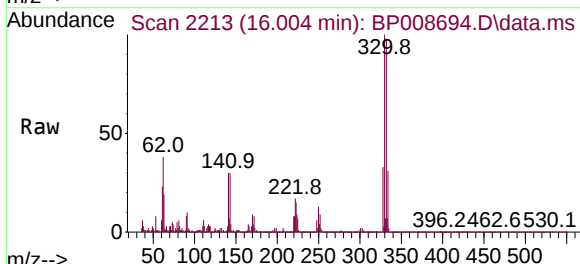
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

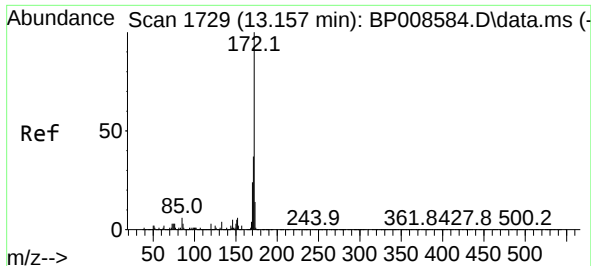
Tgt Ion:164 Resp: 1420066
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 44.4 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 10.120 ng
RT: 16.004 min Scan# 2213
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:330 Resp: 194429
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.4
141 28.6 21.3 31.9

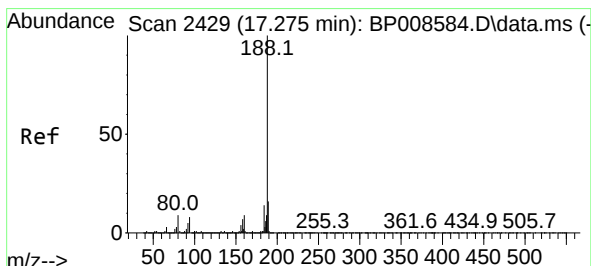
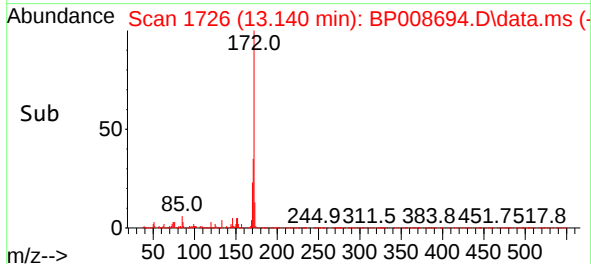
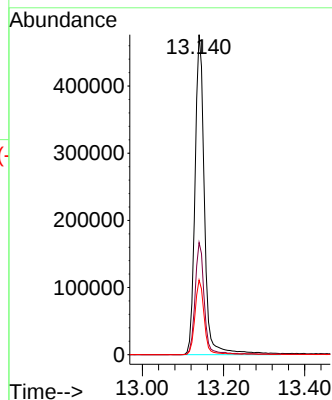
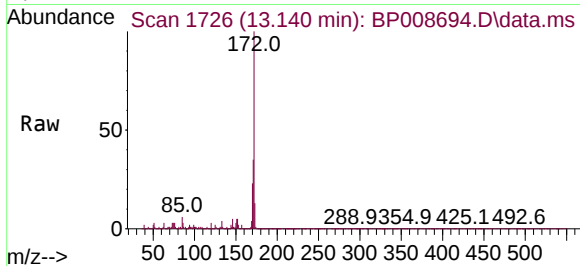




#45
2-Fluorobiphenyl
Concen: 7.937 ng
RT: 13.140 min Scan# 11
Delta R.T. -0.017 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

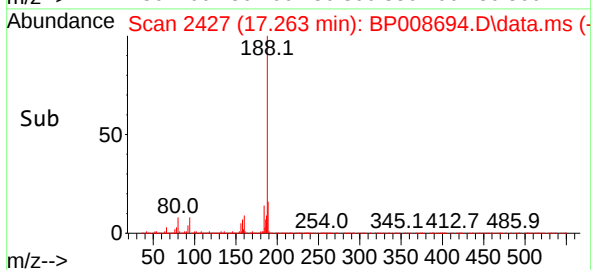
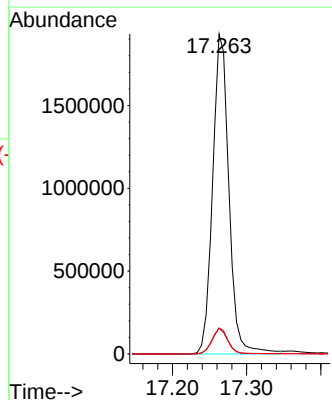
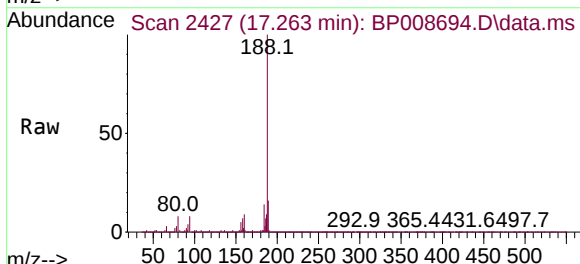
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

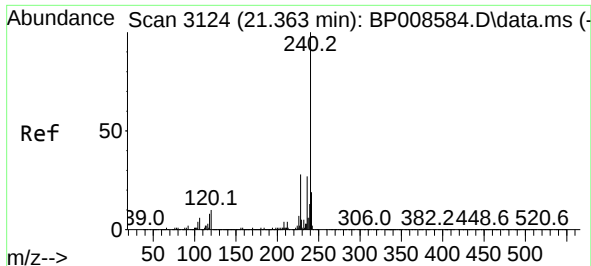
Tgt Ion:172 Resp: 777935
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.4 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2427
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:188 Resp: 2942129
Ion Ratio Lower Upper
188 100
94 8.0 6.8 10.2
80 8.1 7.2 10.8

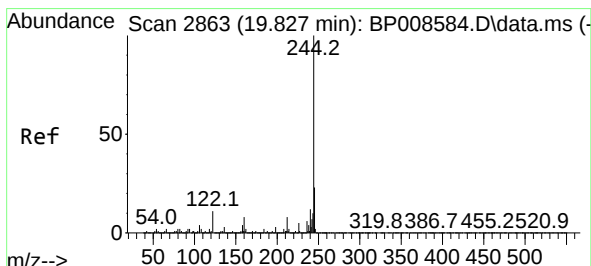
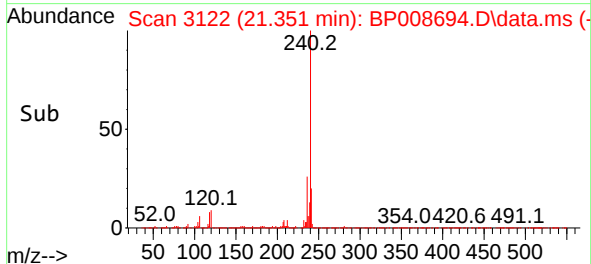
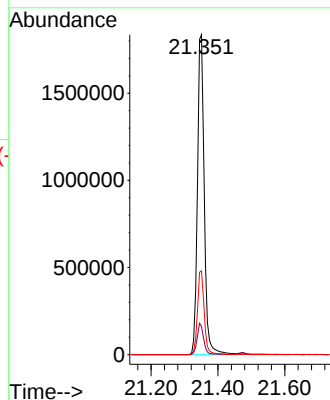
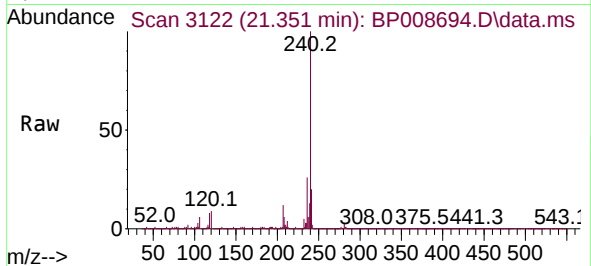




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

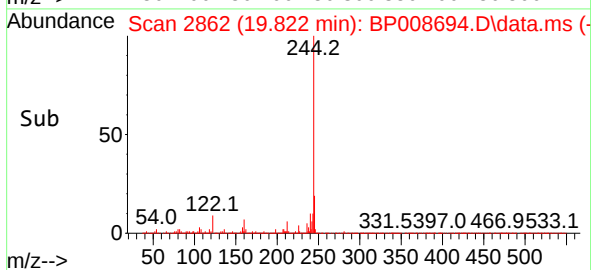
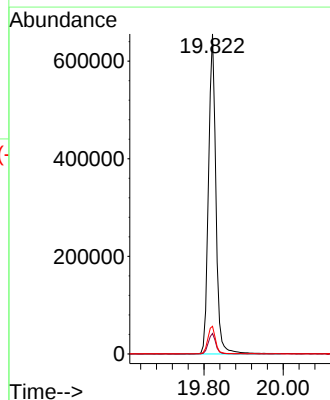
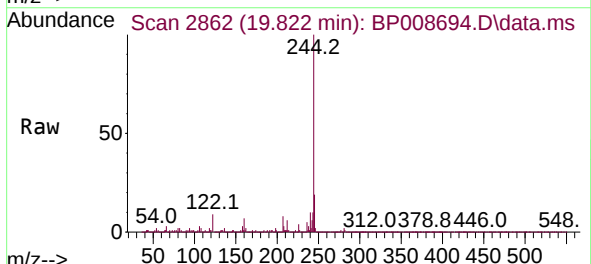
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

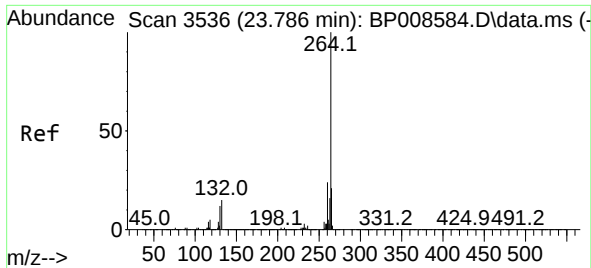
Tgt Ion:240 Resp: 2614706
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 6.632 ng
RT: 19.822 min Scan# 2862
Delta R.T. -0.005 min
Lab File: BP008694.D
Acq: 05 Jan 2022 17:27

Tgt Ion:244 Resp: 849306
Ion Ratio Lower Upper
244 100
212 6.4 6.5 9.7#
122 8.7 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.774 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BP008694.D
 Acq: 05 Jan 2022 17:27

Instrument :
 BNA_P
 ClientSampleId :
 MW-1RDL

Tgt Ion:264 Resp: 2798225
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 22.6 17.1 25.7

