

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010631.D
 Acq On : 29 May 2022 21:59
 Operator : CG/JU
 Sample : N3056-02DL 20X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Quant Time: May 30 02:08:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

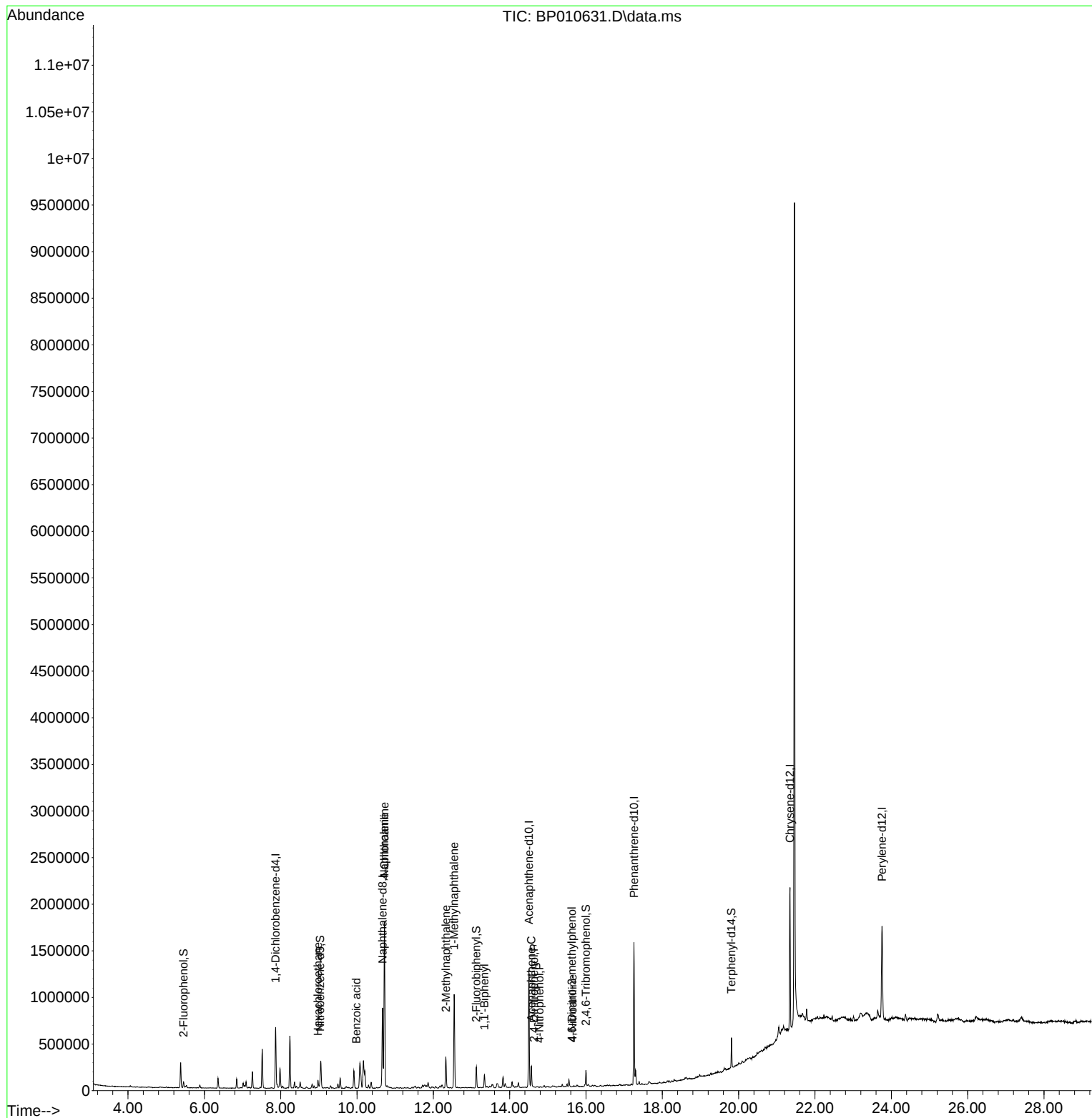
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	171127	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	680486	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	425771	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	889292	20.000	ng	0.00
76) Chrysene-d12	21.345	240	772460	20.000	ng	0.00
86) Perylene-d12	23.757	264	771833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	27348	2.915	ng	0.00
7) Phenol-d6	7.052	99	19407	1.457	ng	0.01
23) Nitrobenzene-d5	9.034	82	44814	3.114	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	30480	6.324	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	117980	3.933	ng	0.00
79) Terphenyl-d14	19.810	244	149952	3.646	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.975	117	10778	2.216	ng	# 1
31) Naphthalene	10.716	128	1438578	40.130	ng	99
32) Benzoic acid	9.981	122	163	7.346	ng	# 1
33) 4-Chloroaniline	10.722	127	186373	13.458	ng	# 33
37) 2-Methylnaphthalene	12.328	142	157014	6.277	ng	98
38) 1-Methylnaphthalene	12.545	142	452084	18.507	ng	100
46) 1,1'-Biphenyl	13.339	154	75799	2.387	ng	98
52) Acenaphthene	14.569	154	79468	3.376	ng	99
54) 2,4-Dinitrophenol	14.634	184	25	6.651	ng	# 1
56) 4-Nitrophenol	14.781	139	86	3.612	ng	90
62) 4-Nitroaniline	15.651	138	79	2.144	ng	87
65) 4,6-Dinitro-2-methylph...	15.628	198	18	4.606	ng	# 1

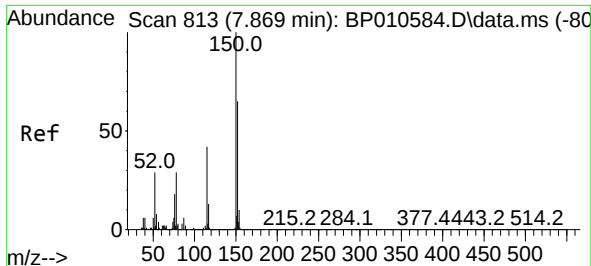
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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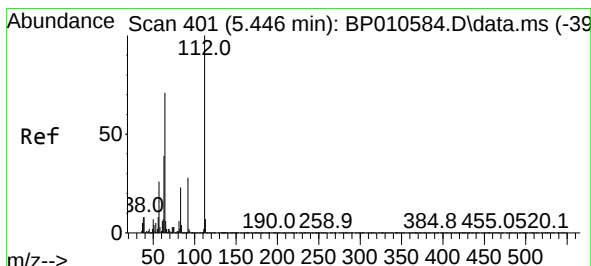
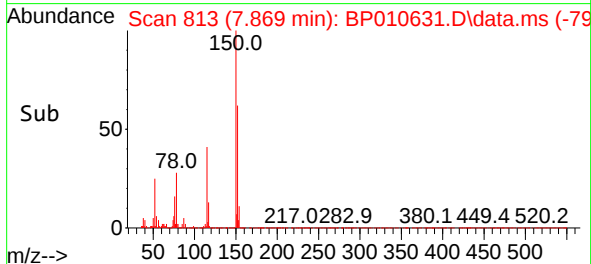
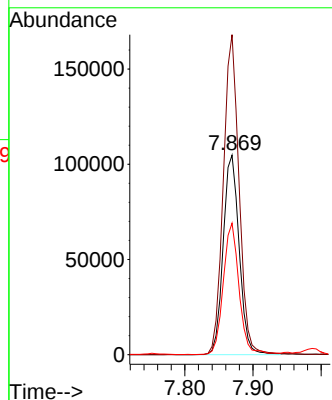
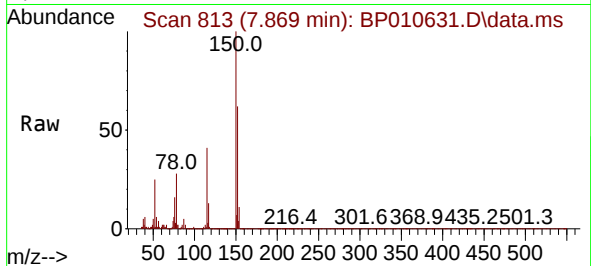




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

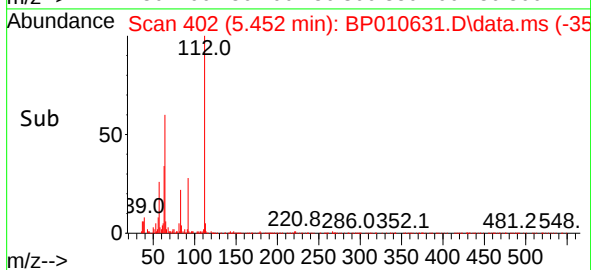
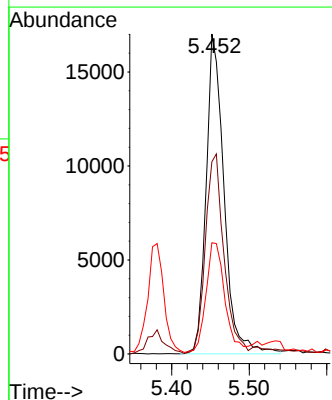
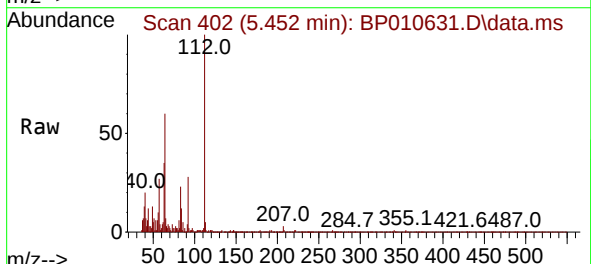
Instrument :
BNA_P
ClientSampleId :
MW-12DL

Tgt Ion:152 Resp: 171127
Ion Ratio Lower Upper
152 100
150 160.4 123.4 185.2
115 65.9 51.3 76.9



#5
2-Fluorophenol
Concen: 2.915 ng
RT: 5.452 min Scan# 402
Delta R.T. 0.006 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:112 Resp: 27348
Ion Ratio Lower Upper
112 100
64 60.1 56.9 85.3
63 34.8 31.2 46.8

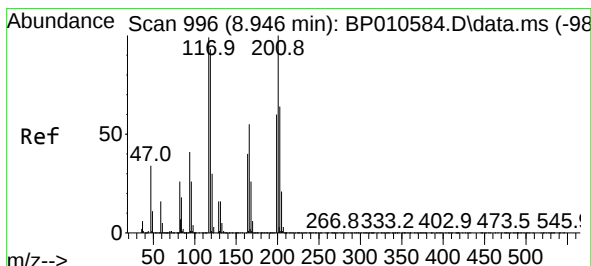
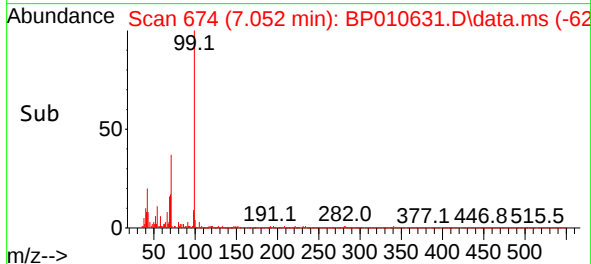
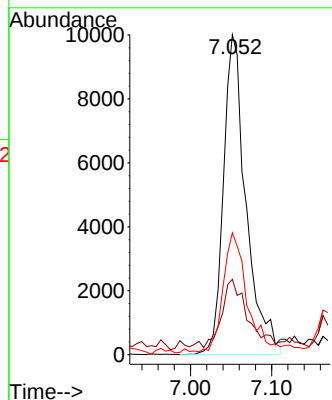
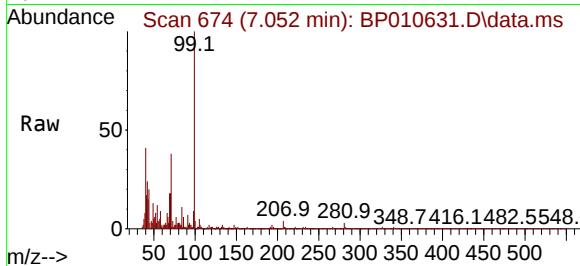




#7
Phenol-d6
Concen: 1.457 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

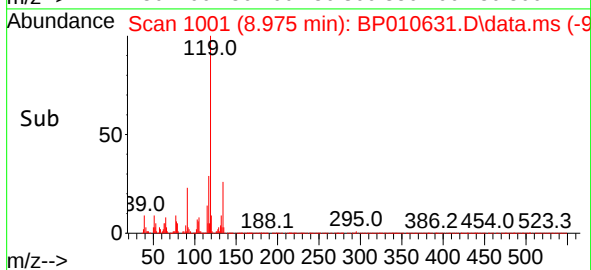
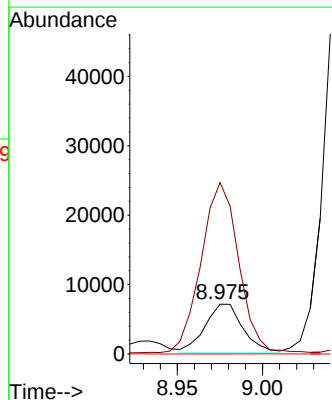
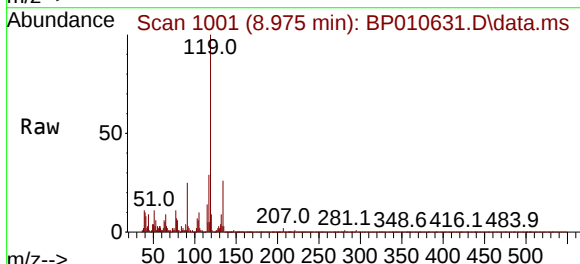
Instrument :
BNA_P
ClientSampleId :
MW-12DL

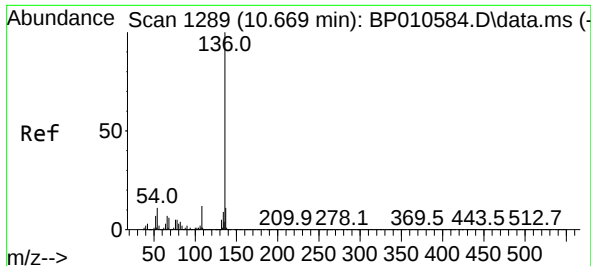
Tgt Ion: 99 Resp: 19407
Ion Ratio Lower Upper
99 100
42 23.6 20.3 30.5
71 38.1 33.9 50.9



#18
Hexachloroethane
Concen: 2.216 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.029 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion: 117 Resp: 10778
Ion Ratio Lower Upper
117 100
119 344.2 75.6 113.4#
201 0.0 80.9 121.3#

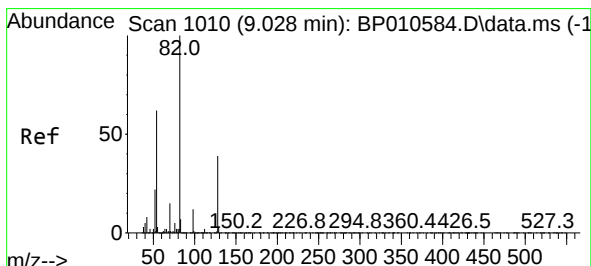
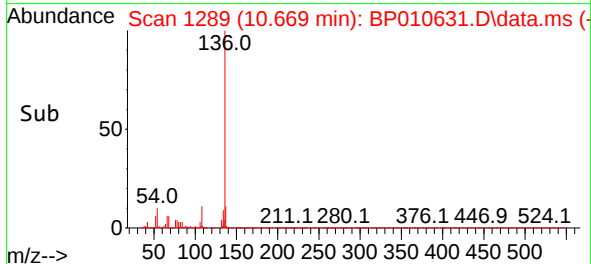
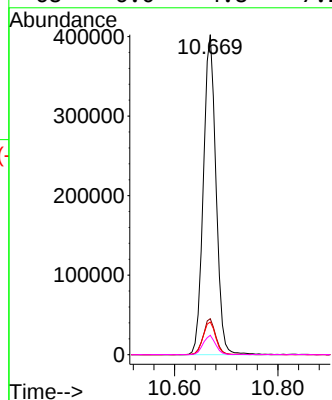
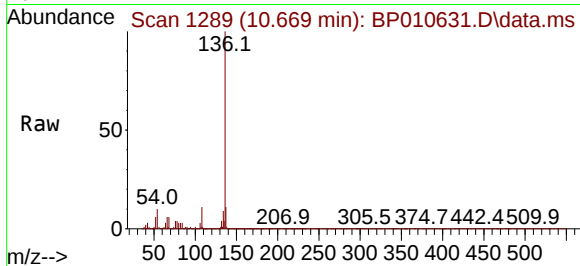




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

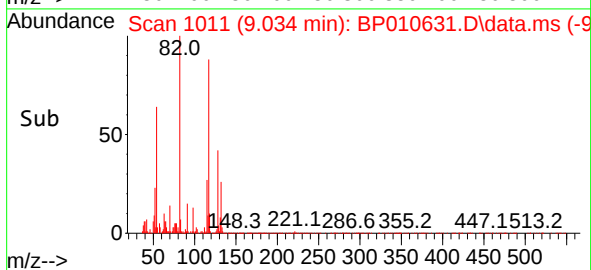
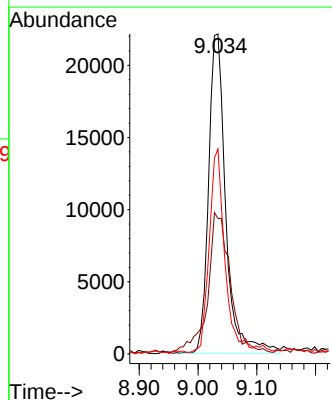
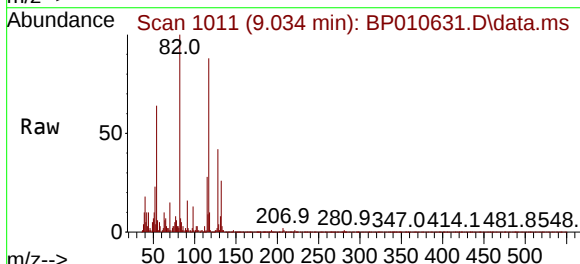
Instrument :
BNA_P
ClientSampleId :
MW-12DL

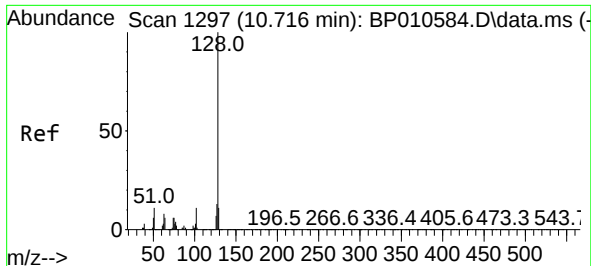
Tgt Ion:	136	Resp:	680486
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	10.2	8.7	13.1
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 3.114 ng
RT: 9.034 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:	82	Resp:	44814
Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	64.0	49.8	74.8

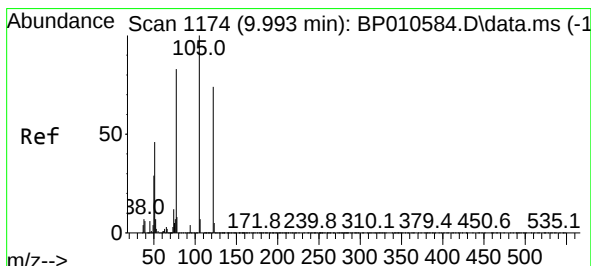
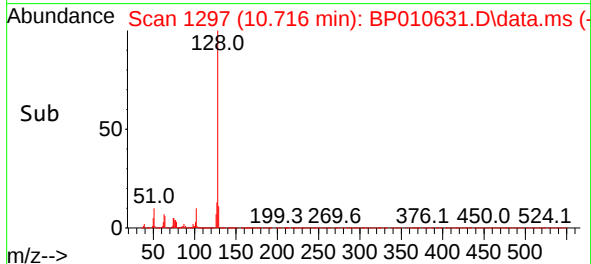
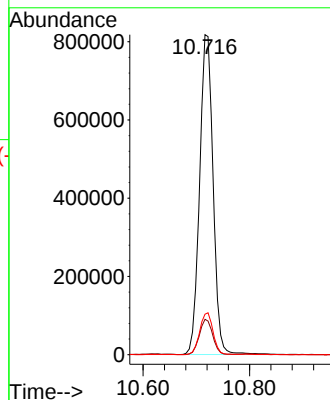
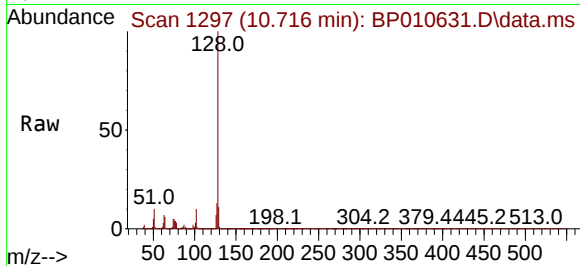




#31
Naphthalene
Concen: 40.130 ng
RT: 10.716 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

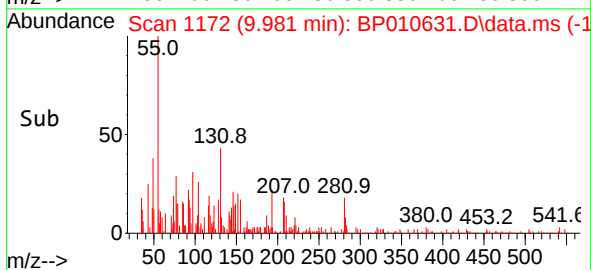
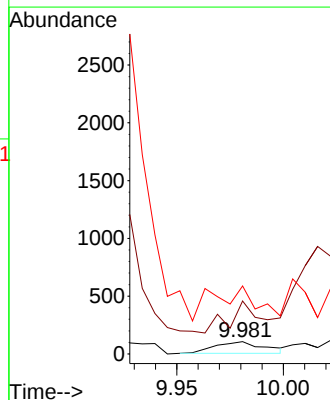
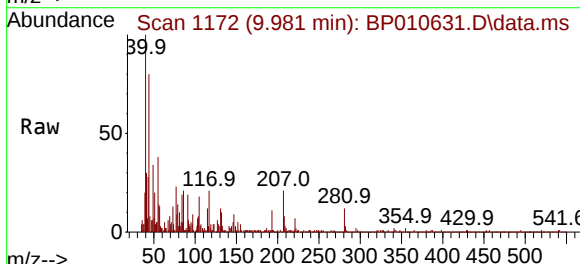
Instrument :
BNA_P
ClientSampleId :
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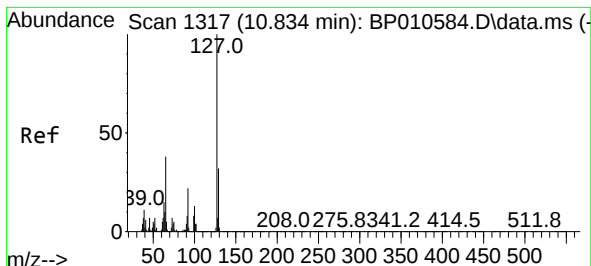
Tgt Ion:128 Resp: 1438578
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 12.7 10.3 15.5



#32
Benzoic acid
Concen: 7.346 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:122 Resp: 163
Ion Ratio Lower Upper
122 100
105 429.0 112.6 152.6#
77 549.5 90.2 130.2#

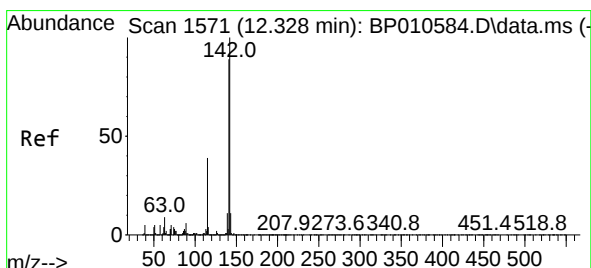
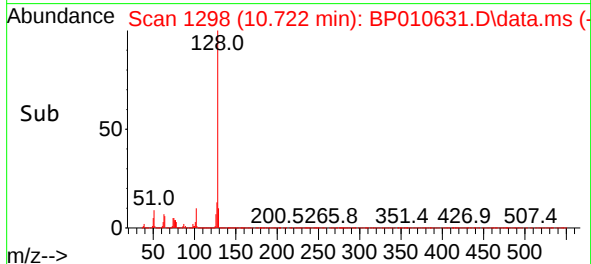
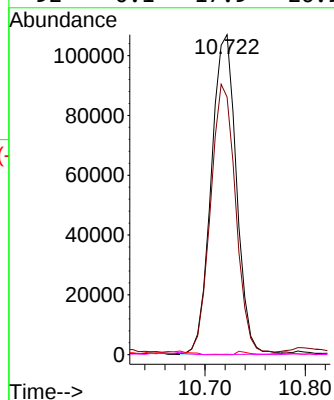
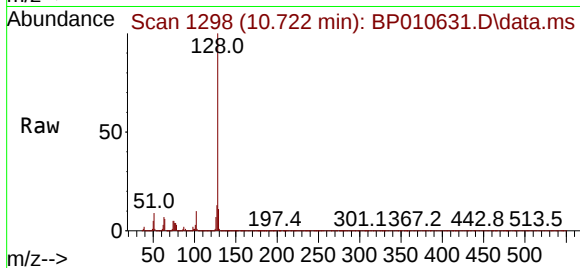




#33
4-Chloroaniline
Concen: 13.458 ng
RT: 10.722 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

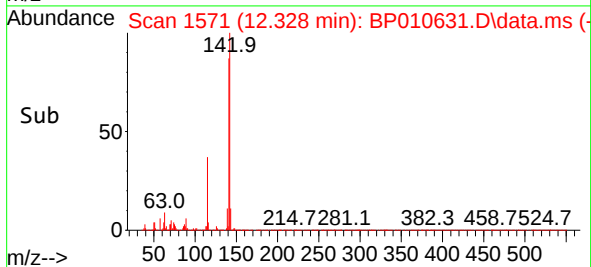
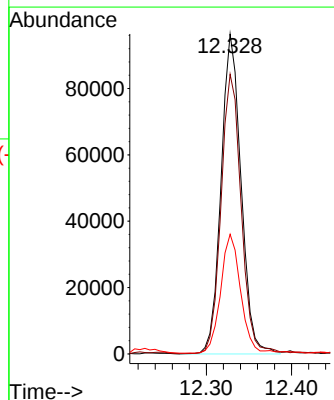
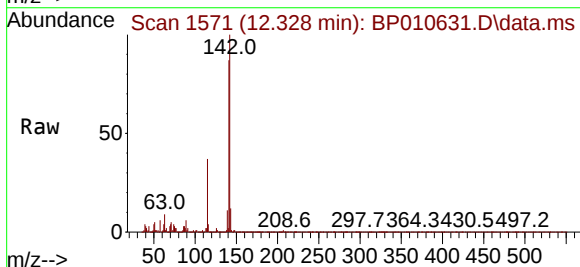
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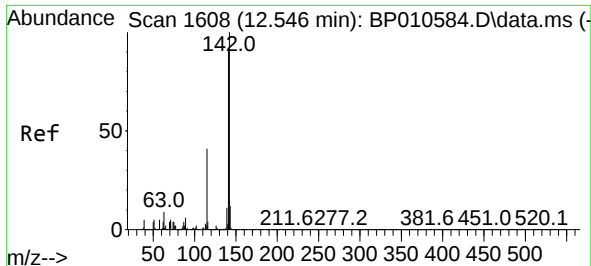
Tgt Ion:127	Resp: 186373
Ion Ratio	Lower Upper
127 100	
129 80.5	25.4 38.2#
65 0.0	30.4 45.6#
92 0.1	17.9 26.9#



#37
2-Methylnaphthalene
Concen: 6.277 ng
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:142	Resp: 157014
Ion Ratio	Lower Upper
142 100	
141 87.4	71.3 106.9
115 37.4	31.4 47.2

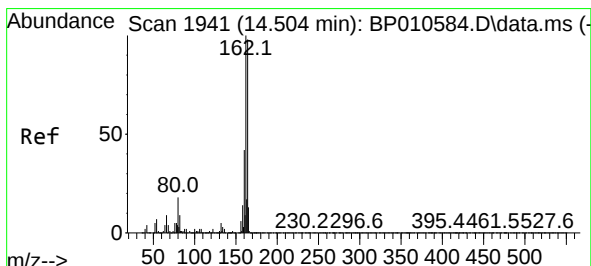
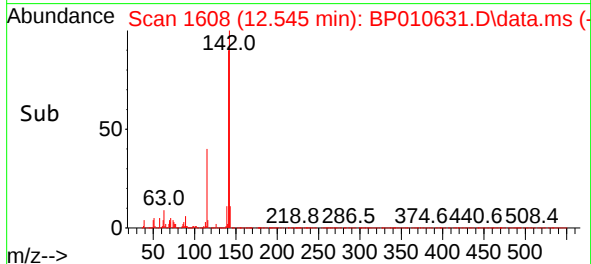
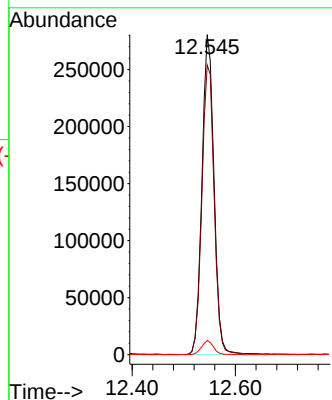
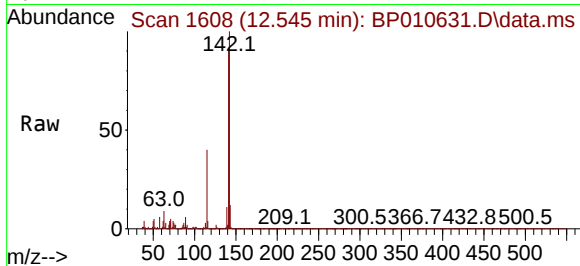




#38
1-Methylnaphthalene
Concen: 18.507 ng
RT: 12.545 min Scan# 1608
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

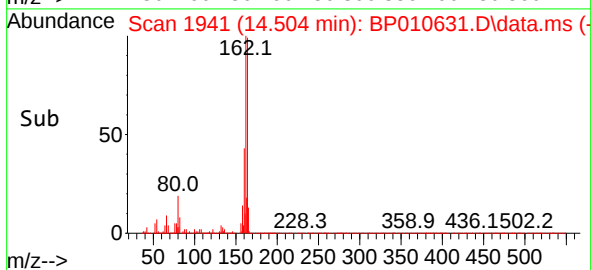
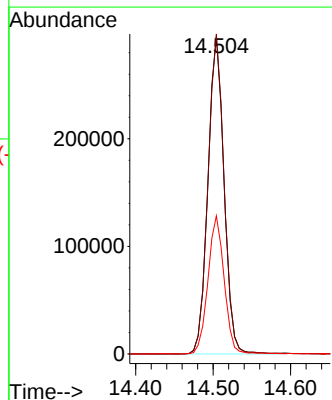
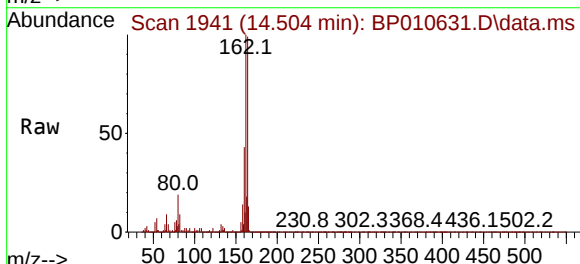
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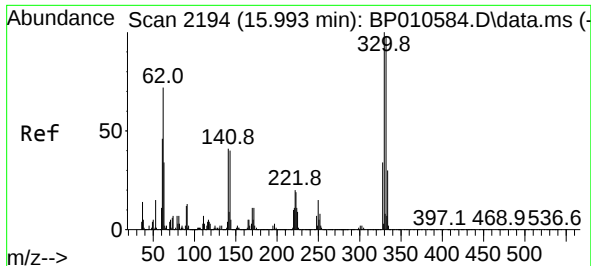
Tgt Ion:142 Resp: 452084
Ion Ratio Lower Upper
142 100
141 90.5 72.6 108.8
116 4.5 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:164 Resp: 425771
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 43.5 34.6 51.8

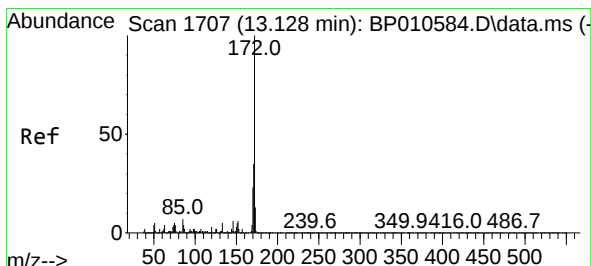
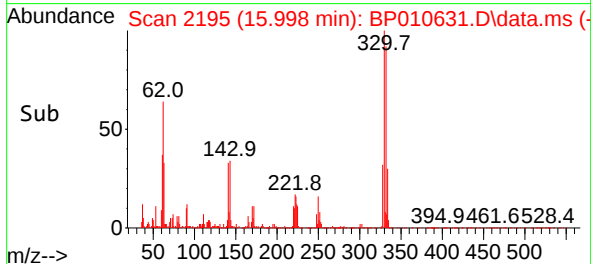
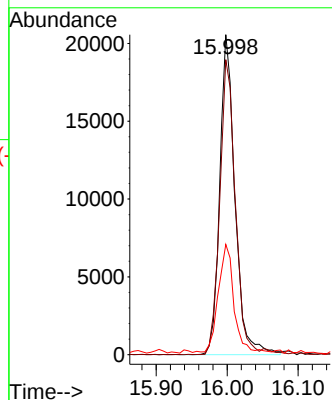
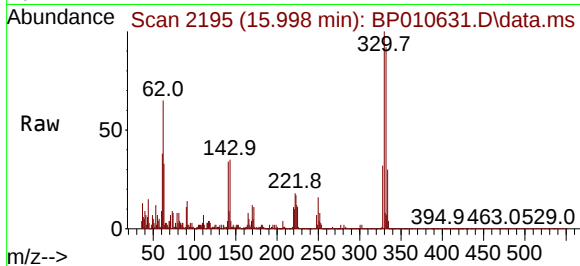




#42
2,4,6-Tribromophenol
Concen: 6.324 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

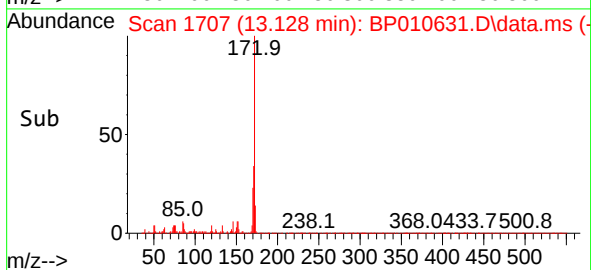
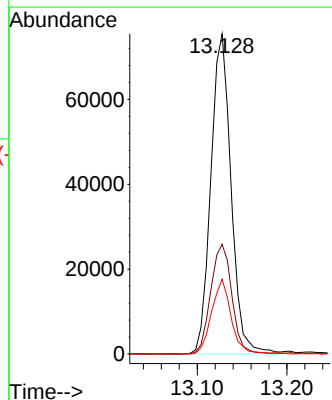
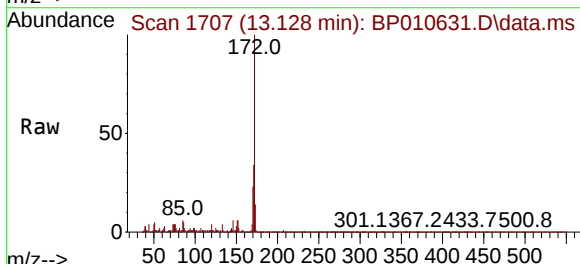
Instrument :
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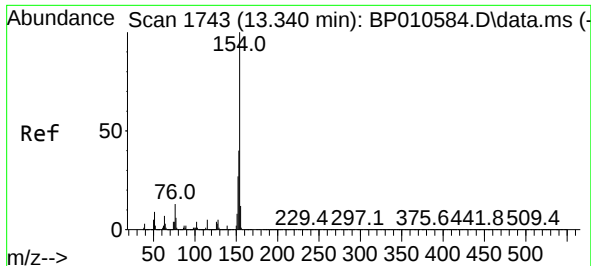
Tgt Ion:330 Resp: 30480
Ion Ratio Lower Upper
330 100
332 93.4 78.1 117.1
141 33.6 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 3.933 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:172 Resp: 117980
Ion Ratio Lower Upper
172 100
171 34.3 27.9 41.9
170 23.4 18.2 27.2

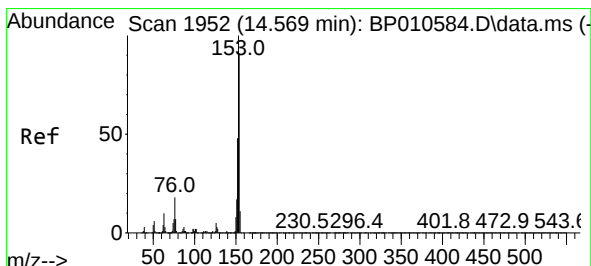
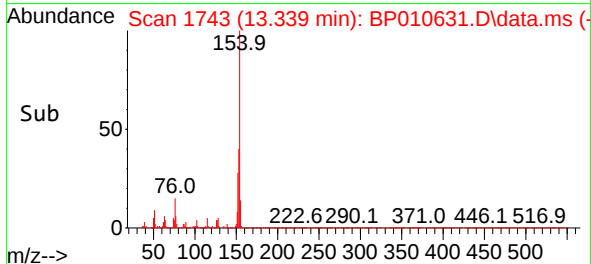
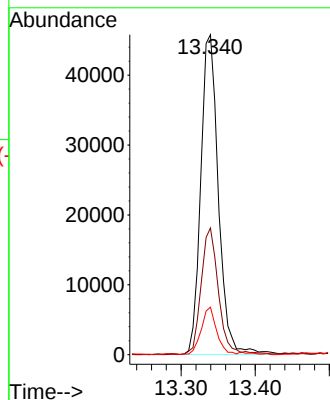
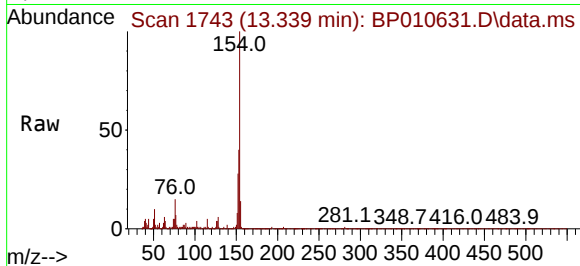




#46
1,1'-Biphenyl
Concen: 2.387 ng
RT: 13.339 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

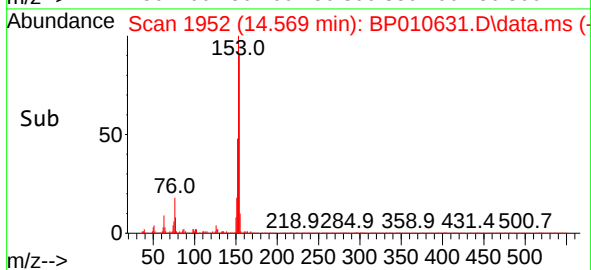
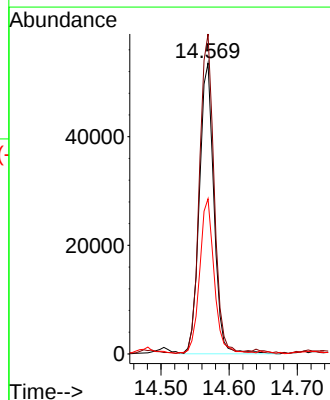
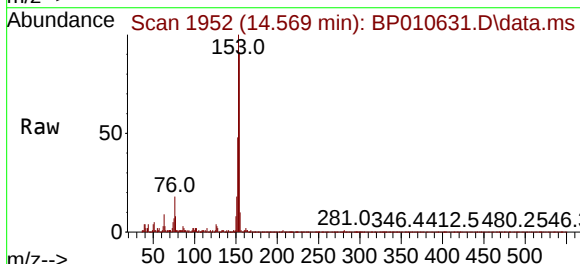
Instrument :
BNA_P
ClientSampleId :
MW-12DL

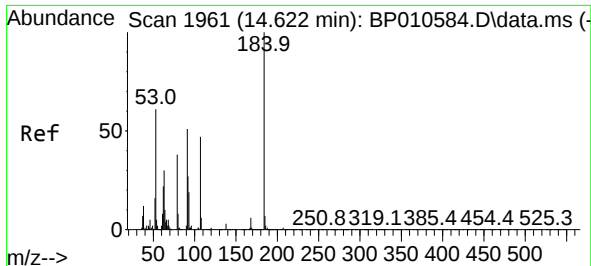
Tgt Ion:154 Resp: 75799
Ion Ratio Lower Upper
154 100
153 39.6 20.1 60.1
76 14.9 0.0 33.2



#52
Acenaphthene
Concen: 3.376 ng
RT: 14.569 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:154 Resp: 79468
Ion Ratio Lower Upper
154 100
153 110.0 87.4 131.2
152 53.4 41.7 62.5

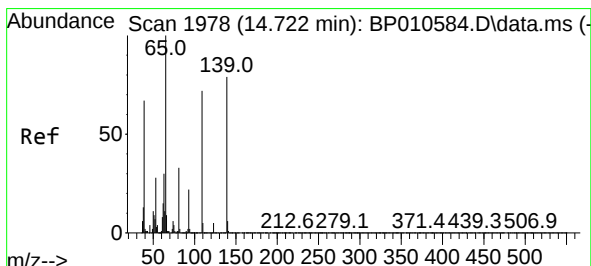
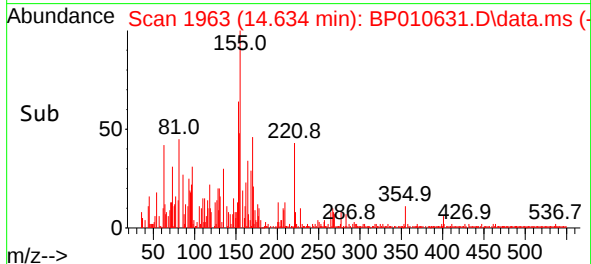
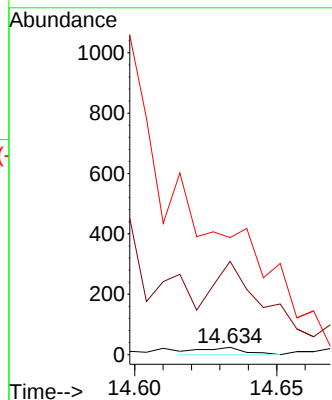
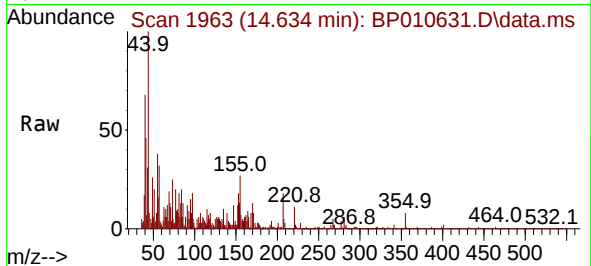




#54
2,4-Dinitrophenol
Concen: 6.651 ng
RT: 14.634 min Scan# 1963
Delta R.T. 0.012 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

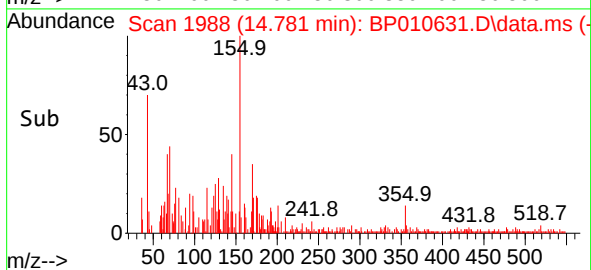
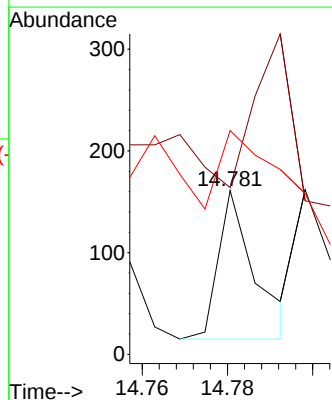
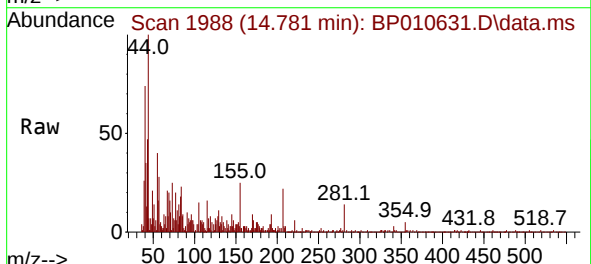
Instrument :
BNA_P
ClientSampleId :
MW-12DL

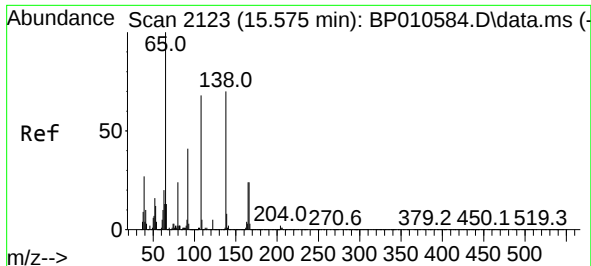
Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 1287.5 65.4 98.2#
154 1616.7 55.4 83.2#



#56
4-Nitrophenol
Concen: 3.612 ng
RT: 14.781 min Scan# 1988
Delta R.T. 0.059 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:139 Resp: 86
Ion Ratio Lower Upper
139 100
109 101.9 70.6 110.6
65 136.6 106.6 146.6

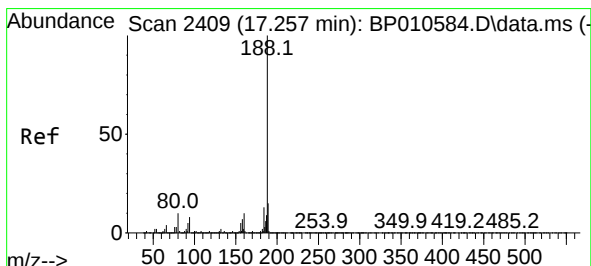
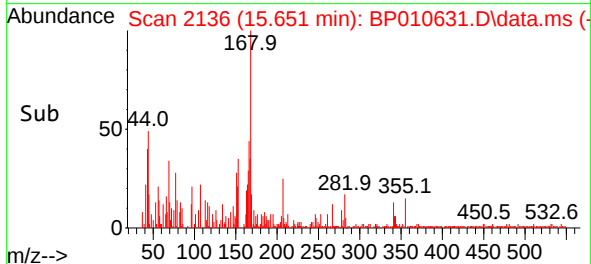
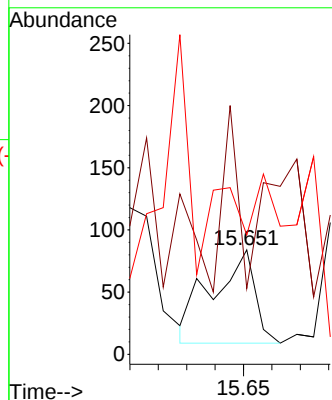
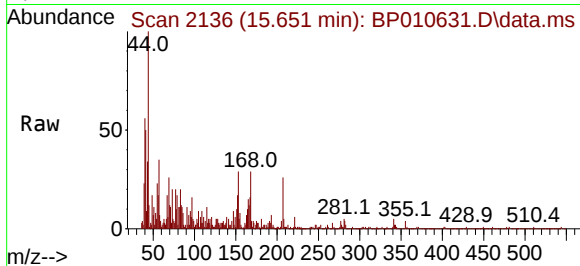




#62
4-Nitroaniline
Concen: 2.144 ng
RT: 15.651 min Scan# 2123
Delta R.T. 0.076 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

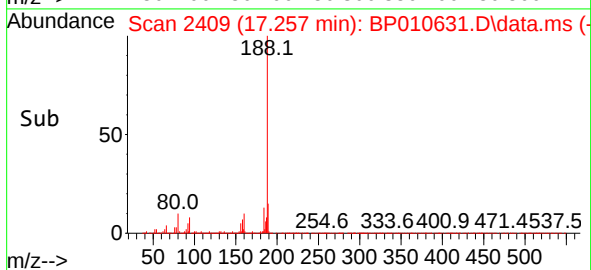
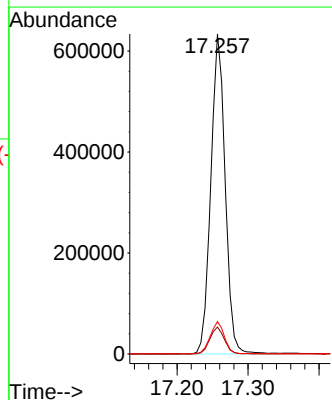
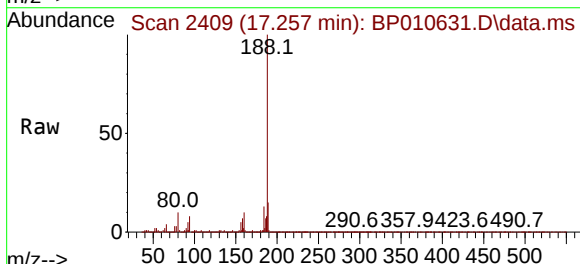
Instrument :
BNA_P
ClientSampleId :
MW-12DL

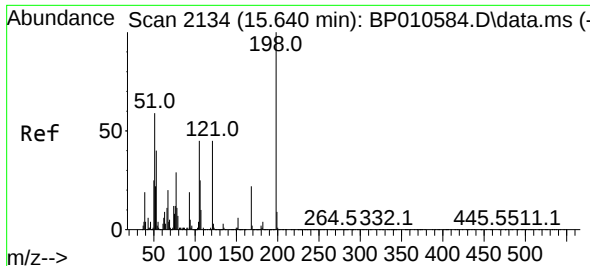
Tgt Ion:138 Resp: 79
Ion Ratio Lower Upper
138 100
92 63.1 38.0 78.0
108 114.3 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:188 Resp: 889292
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 10.1 8.0 12.0

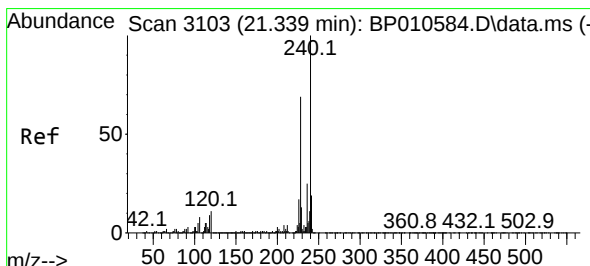
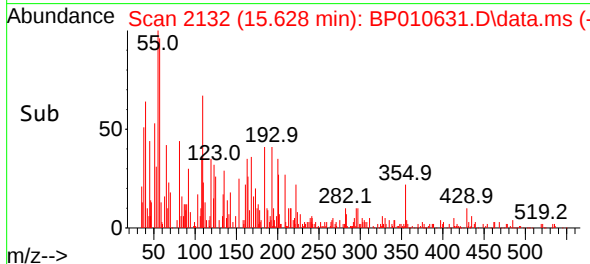
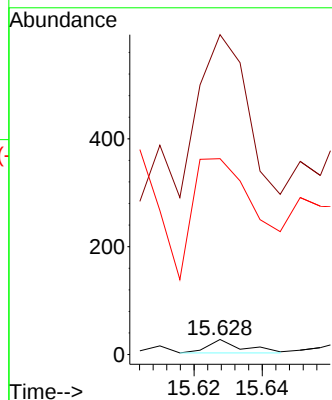
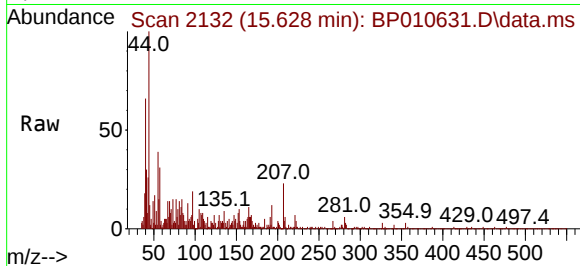




#65
4,6-Dinitro-2-methylphenol
Concen: 4.606 ng
RT: 15.628 min Scan# 2134
Delta R.T. -0.012 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

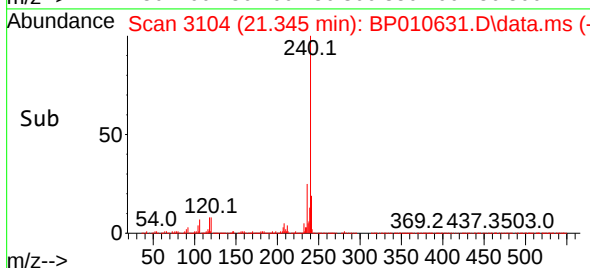
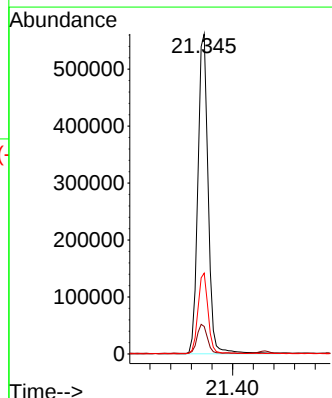
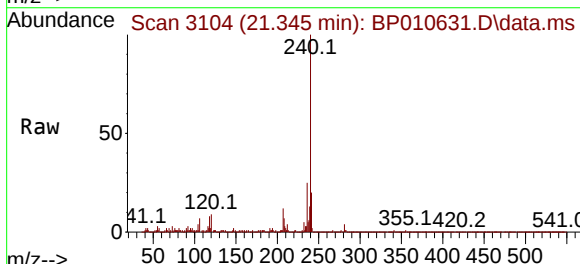
Instrument :
BNA_P
ClientSampleId :
MW-12DL

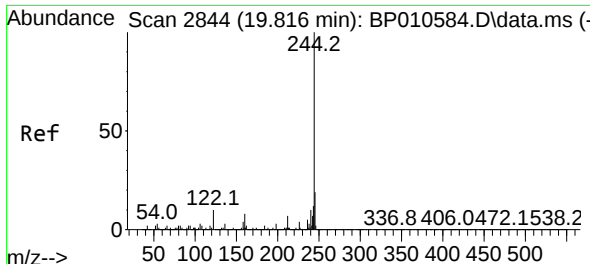
Tgt Ion:198 Resp: 18
Ion Ratio Lower Upper
198 100
51 2117.9 41.2 81.2#
105 1296.4 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP010631.D
Acq: 29 May 2022 21:59

Tgt Ion:240 Resp: 772460
Ion Ratio Lower Upper
240 100
120 8.6 8.6 12.8
236 25.2 19.8 29.6

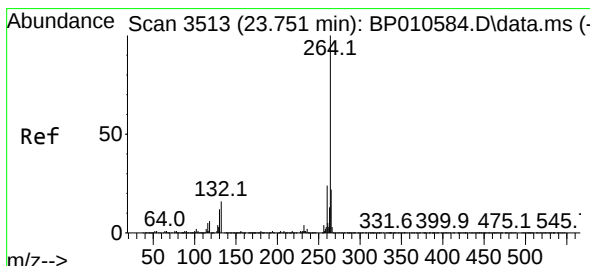
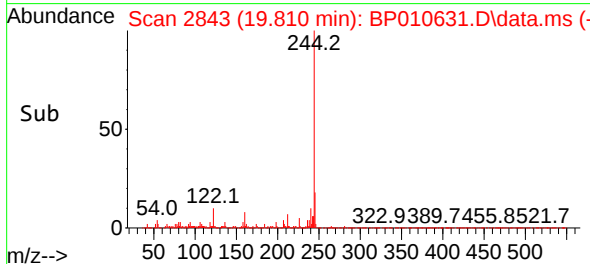
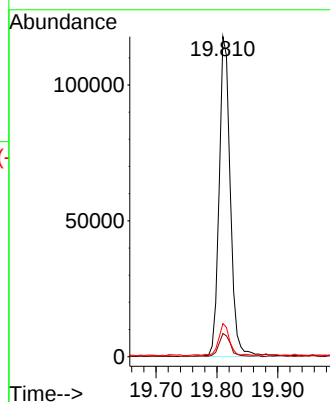
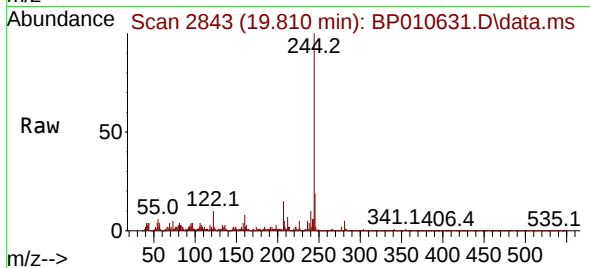




#79
 Terphenyl-d14
 Concen: 3.646 ng
 RT: 19.810 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP010631.D
 Acq: 29 May 2022 21:59

Instrument :
 BNA_P
 ClientSampleId :
 MW-12DL

Tgt Ion:244 Resp: 149952
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.757 min Scan# 3514
 Delta R.T. 0.006 min
 Lab File: BP010631.D
 Acq: 29 May 2022 21:59

Tgt Ion:264 Resp: 771833
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.2 18.0 27.0

