

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052922\
 Data File : BP010627.D
 Acq On : 29 May 2022 19:44
 Operator : CG/JU
 Sample : N3056-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-02DL

Quant Time: May 30 02:07:42 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)

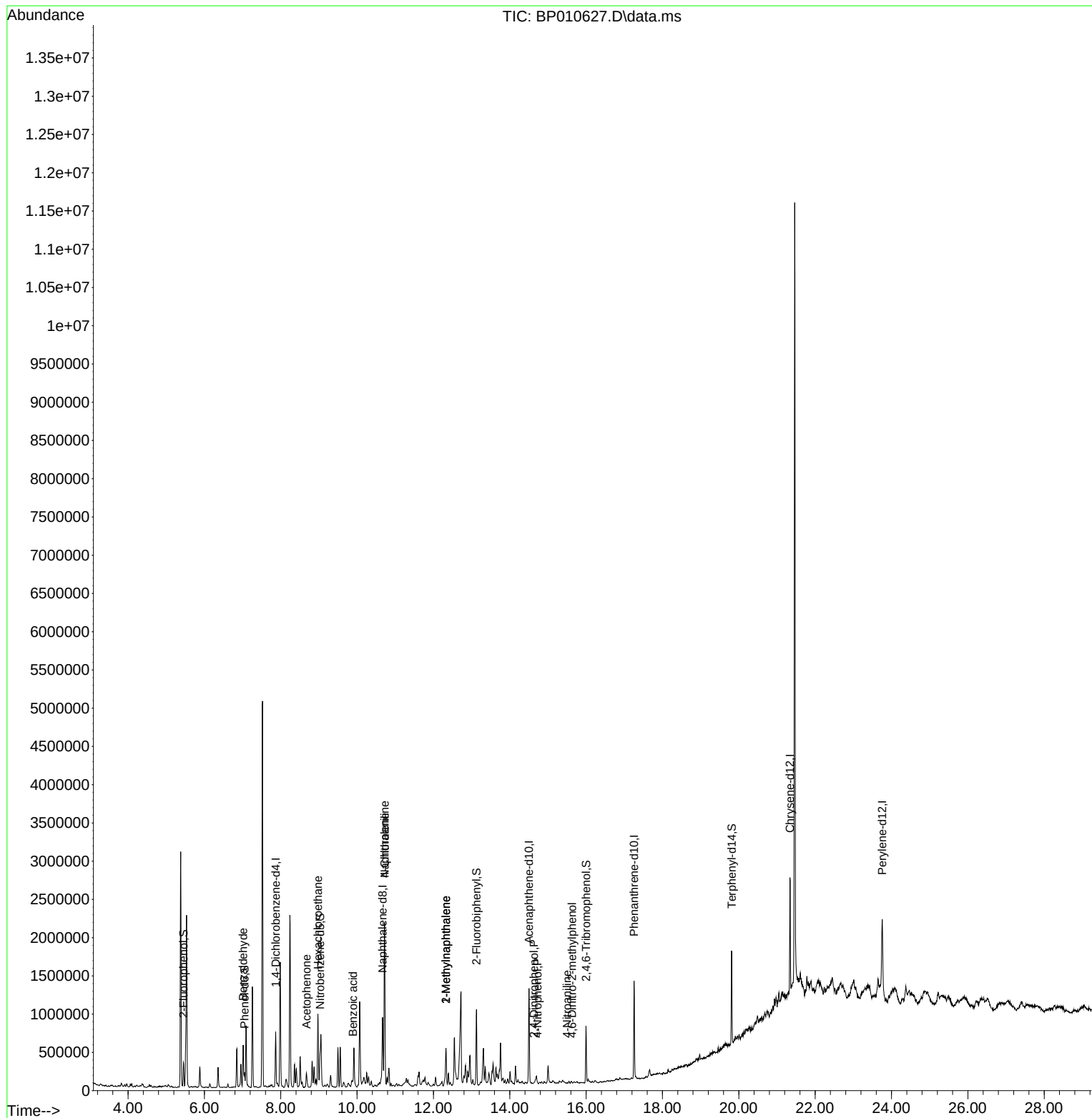
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	177483	20.000	ng	0.00
21) Naphthalene-d8	10.669	136	683664	20.000	ng	0.00
39) Acenaphthene-d10	14.504	164	408015	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	758701	20.000	ng	0.00
76) Chrysene-d12	21.339	240	685872	20.000	ng	0.00
86) Perylene-d12	23.757	264	715518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	127040	13.058	ng	0.00
7) Phenol-d6	7.052	99	100839	7.301	ng	0.01
23) Nitrobenzene-d5	9.028	82	225745	15.611	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	125287	27.127	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	497950	17.321	ng	0.00
79) Terphenyl-d14	19.816	244	591228	16.191	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	7.017	77	41965	4.617	ng	# 1
18) Hexachloroethane	8.975	117	113388	22.481	ng	# 1
22) Acetophenone	8.675	105	139982	7.851	ng	# 54
31) Naphthalene	10.722	128	1547604	42.970	ng	99
32) Benzoic acid	9.893	122	11857	8.937	ng	# 26
33) 4-Chloroaniline	10.722	127	205162	14.746	ng	# 30
37) 2-Methylnaphthalene	12.328	142	210360	8.371	ng	99
38) 1-Methylnaphthalene	12.328	142	210360	8.571	ng	98
54) 2,4-Dinitrophenol	14.634	184	164	6.685	ng	# 1
56) 4-Nitrophenol	14.728	139	264	3.646	ng	# 1
62) 4-Nitroaniline	15.504	138	157	2.156	ng	81
65) 4,6-Dinitro-2-methylph...	15.634	198	196	4.639	ng	# 1

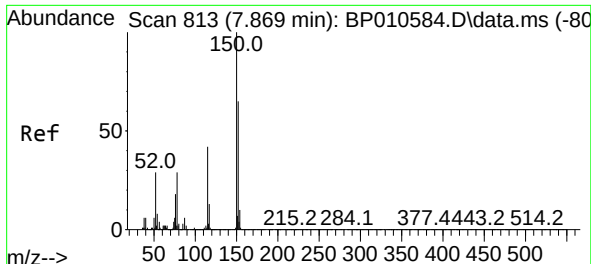
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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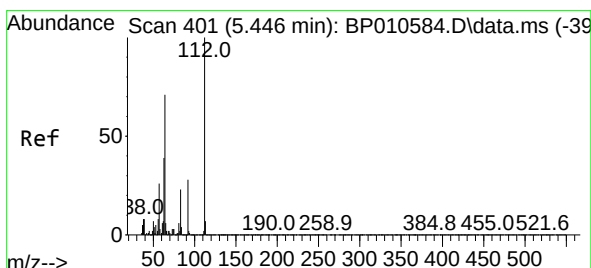
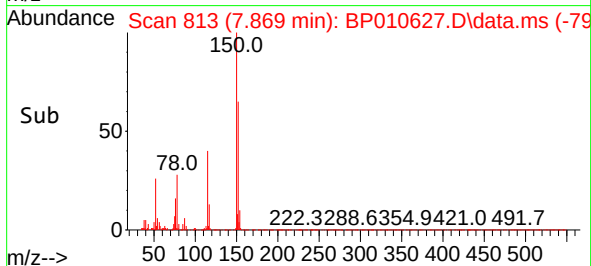
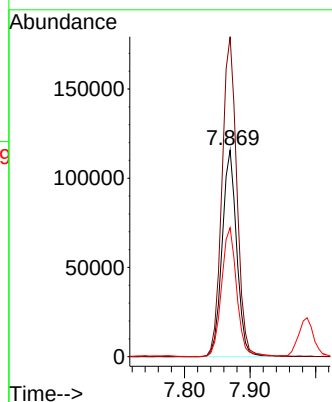
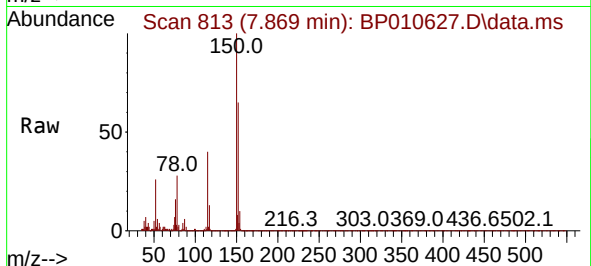




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.869 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP010627.D
 Acq: 29 May 2022 19:44

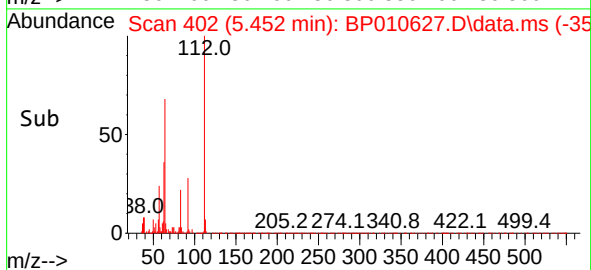
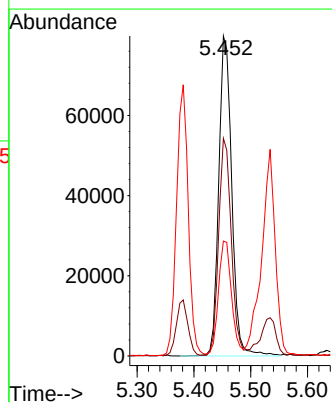
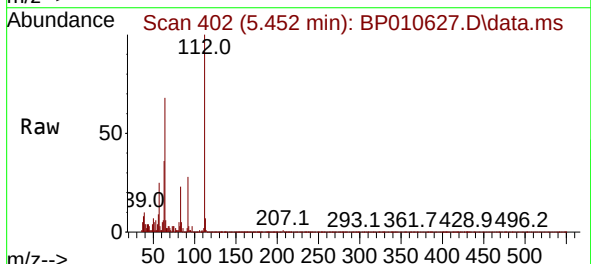
Instrument :
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 MW-02DL

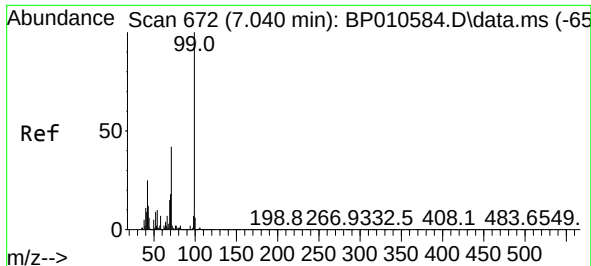
Tgt Ion:152 Resp: 177483
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.4 185.2
 115 62.5 51.3 76.9



#5
 2-Fluorophenol
 Concen: 13.058 ng
 RT: 5.452 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP010627.D
 Acq: 29 May 2022 19:44

Tgt Ion:112 Resp: 127040
 Ion Ratio Lower Upper
 112 100
 64 68.0 56.9 85.3
 63 35.9 31.2 46.8

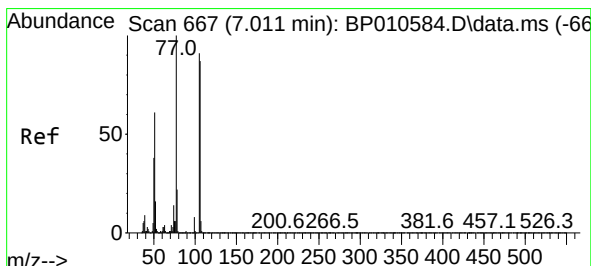
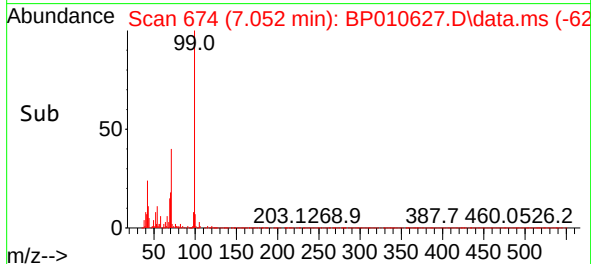
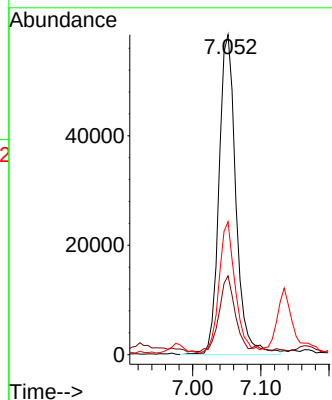
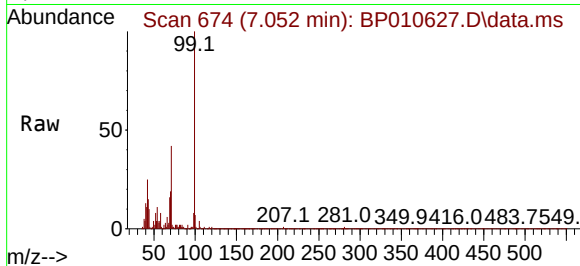




#7
Phenol-d6
Concen: 7.301 ng
RT: 7.052 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

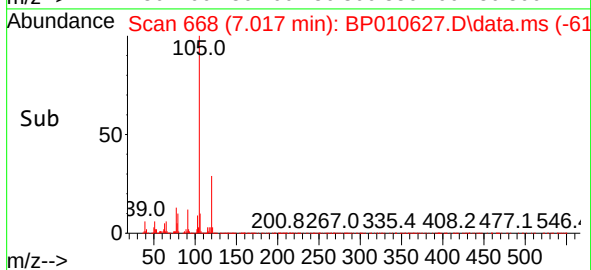
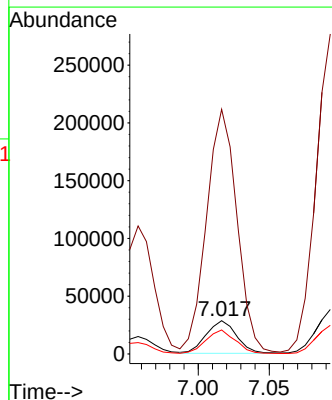
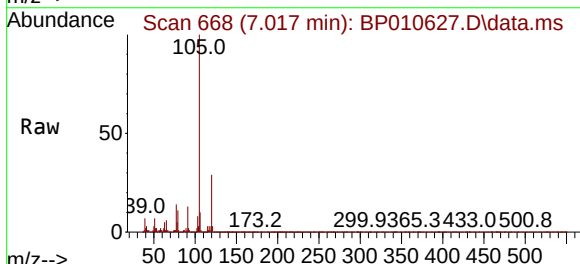
Instrument :
BNA_P
ClientSampleId :
MW-02DL

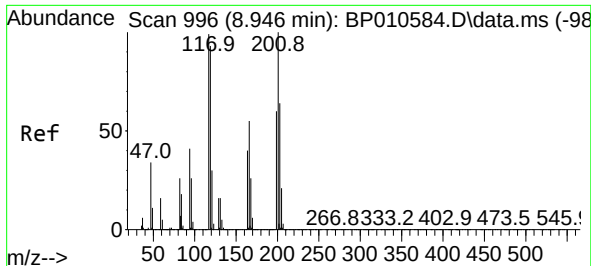
Tgt Ion: 99 Resp: 100839
Ion Ratio Lower Upper
99 100
42 24.7 20.3 30.5
71 41.5 33.9 50.9



#9
Benzaldehyde
Concen: 4.617 ng
RT: 7.017 min Scan# 668
Delta R.T. 0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion: 77 Resp: 41965
Ion Ratio Lower Upper
77 100
105 735.5 71.4 111.4#
106 72.0 66.9 106.9

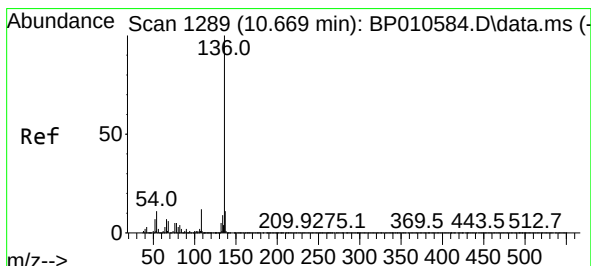
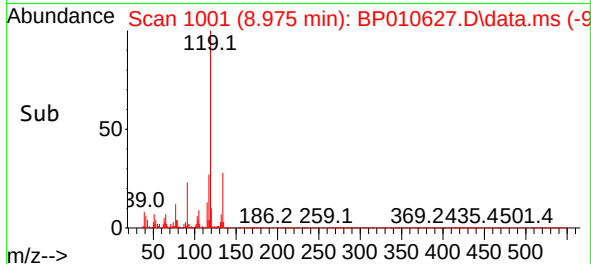
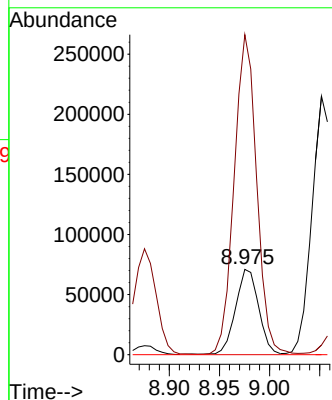
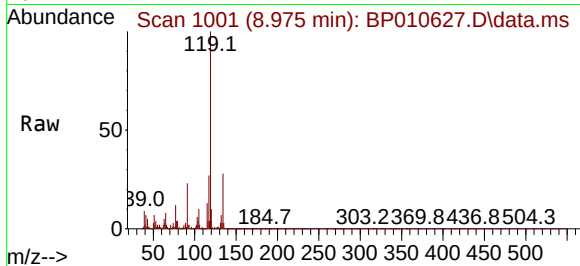




#18
Hexachloroethane
Concen: 22.481 ng
RT: 8.975 min Scan# 1001
Delta R.T. 0.029 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

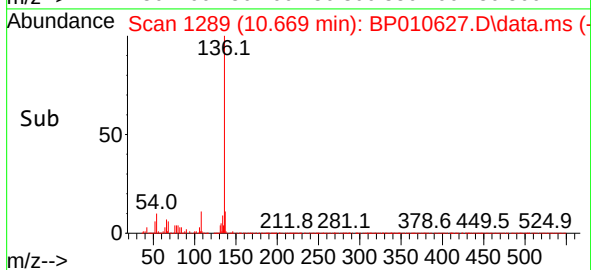
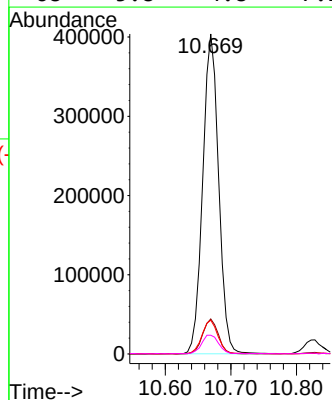
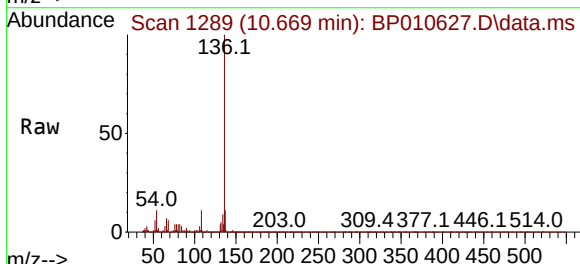
Instrument :
BNA_P
ClientSampleId :
MW-02DL

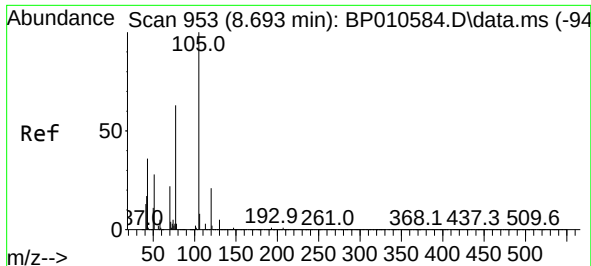
Tgt Ion:117 Resp: 113388
Ion Ratio Lower Upper
117 100
119 374.9 75.6 113.4#
201 0.0 80.9 121.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.669 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:136 Resp: 683664
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.5 8.7 13.1
68 5.8 4.8 7.2

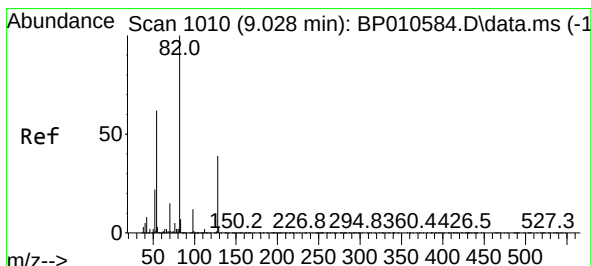
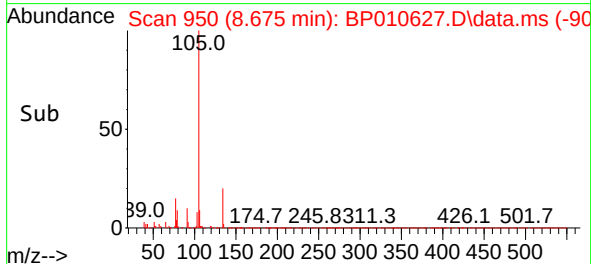
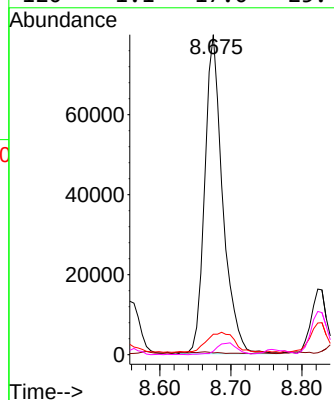
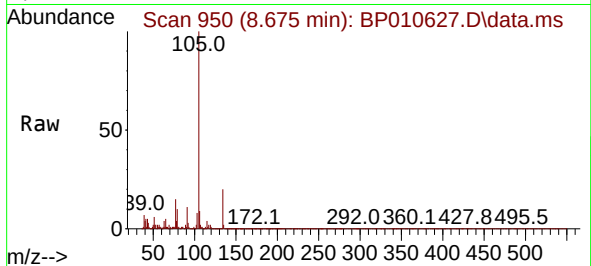




#22
Acetophenone
Concen: 7.851 ng
RT: 8.675 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

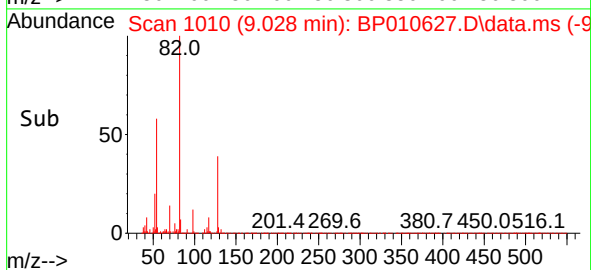
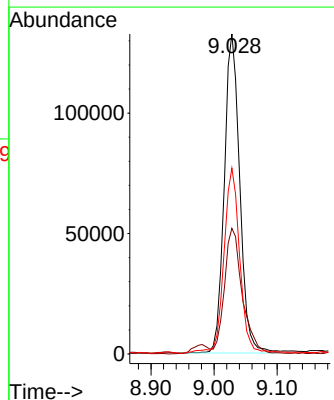
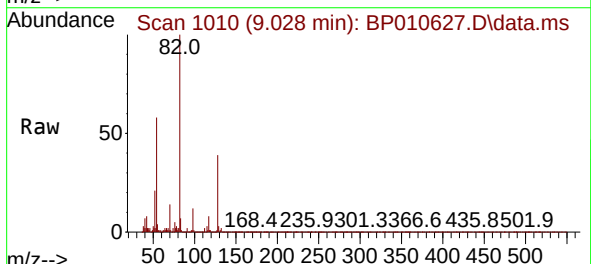
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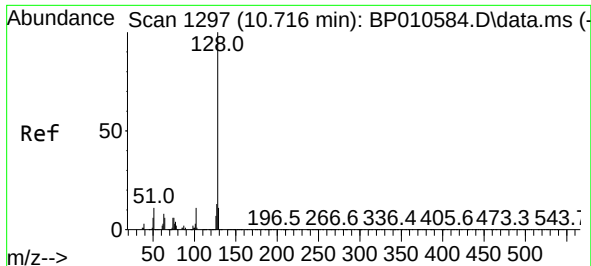
Tgt Ion:105 Resp: 139982
Ion Ratio Lower Upper
105 100
71 0.6 3.4 5.0#
51 6.4 29.5 44.3#
120 1.1 17.0 25.4#



#23
Nitrobenzene-d5
Concen: 15.611 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion: 82 Resp: 225745
Ion Ratio Lower Upper
82 100
128 39.2 31.3 46.9
54 58.1 49.8 74.8

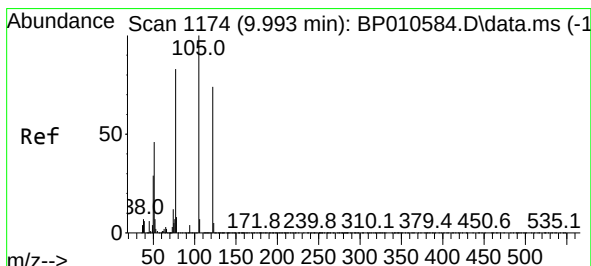
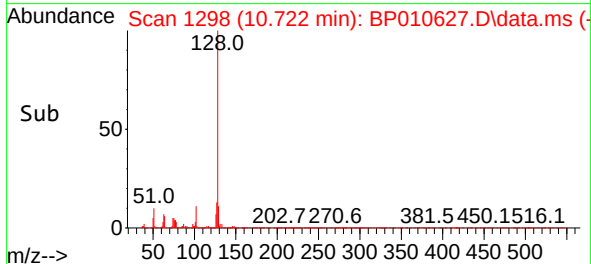
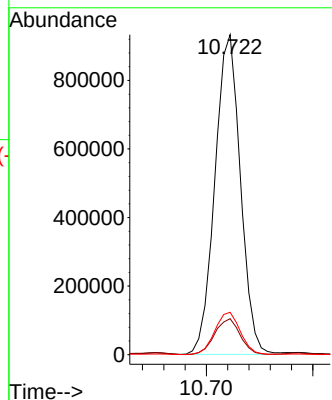
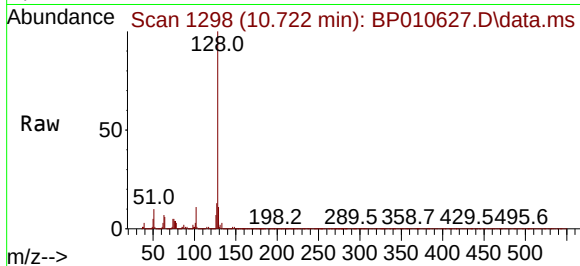




#31
Naphthalene
Concen: 42.970 ng
RT: 10.722 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

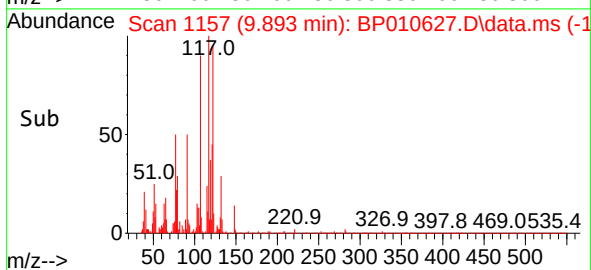
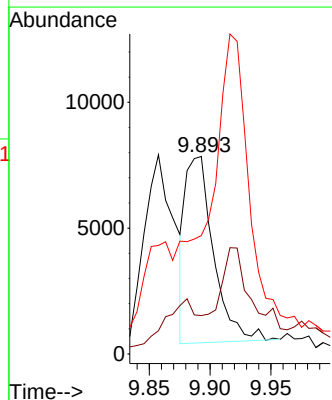
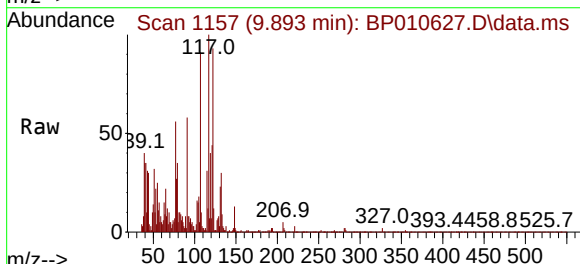
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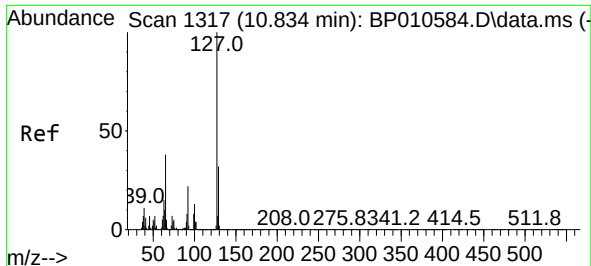
Tgt Ion:128 Resp: 1547604
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.2 10.3 15.5



#32
Benzoic acid
Concen: 8.937 ng
RT: 9.893 min Scan# 1157
Delta R.T. -0.100 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:122 Resp: 11857
Ion Ratio Lower Upper
122 100
105 19.4 112.6 152.6#
77 60.0 90.2 130.2#

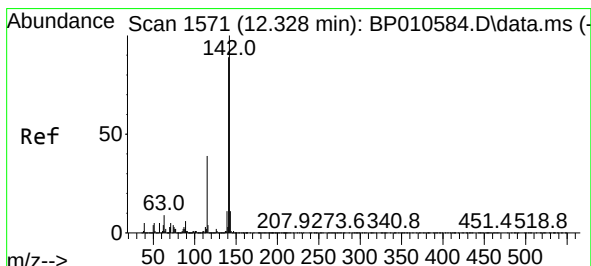
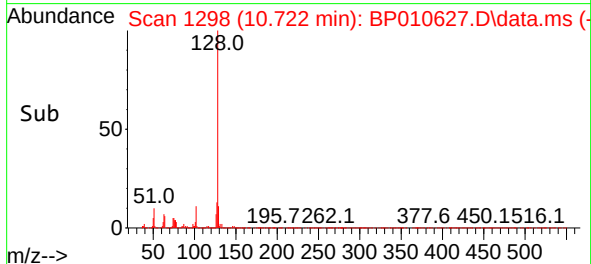
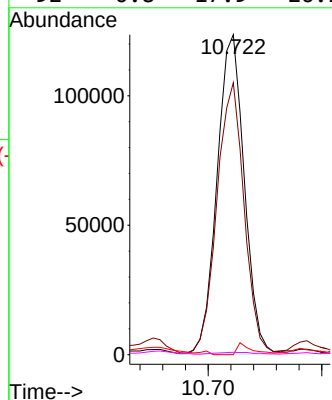
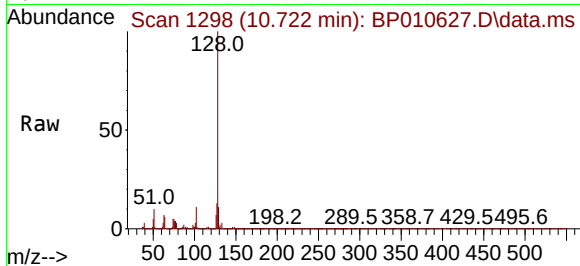




#33
4-Chloroaniline
Concen: 14.746 ng
RT: 10.722 min Scan# 1298
Delta R.T. -0.112 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

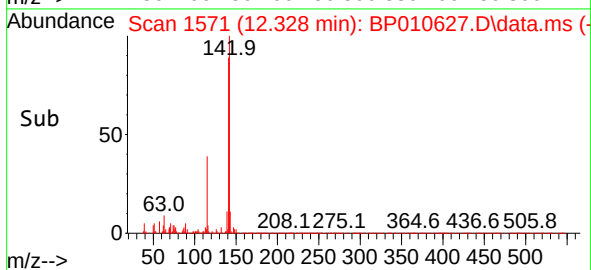
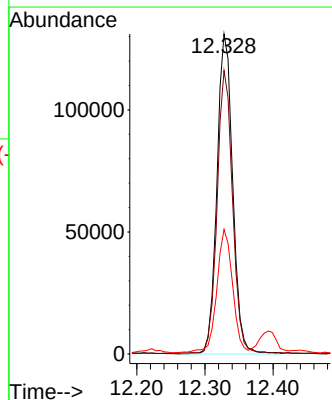
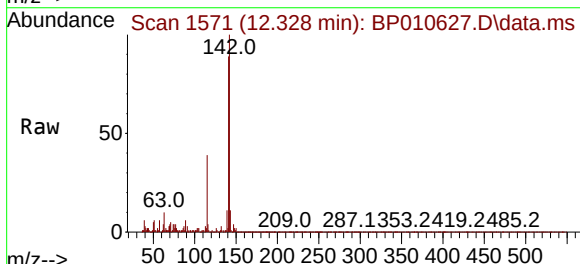
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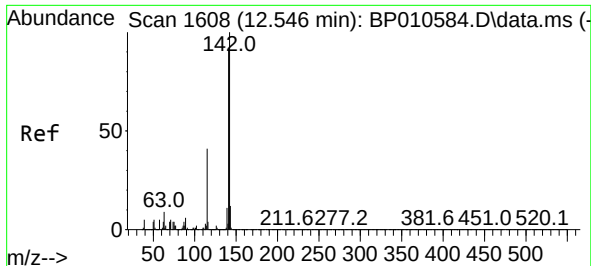
Tgt Ion:127	Resp: 205162
Ion Ratio	Lower Upper
127 100	
129 85.0	25.4 38.2#
65 0.0	30.4 45.6#
92 0.8	17.9 26.9#



#37
2-Methylnaphthalene
Concen: 8.371 ng
RT: 12.328 min Scan# 1571
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:142	Resp: 210360
Ion Ratio	Lower Upper
142 100	
141 88.6	71.3 106.9
115 38.9	31.4 47.2

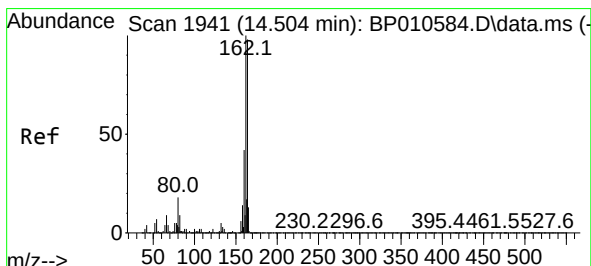
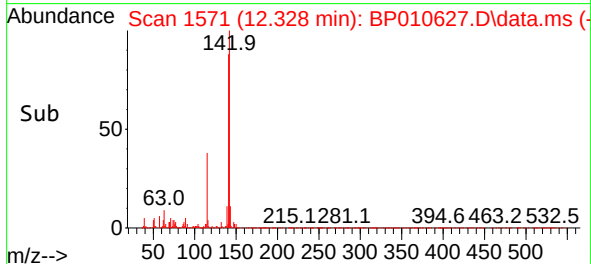
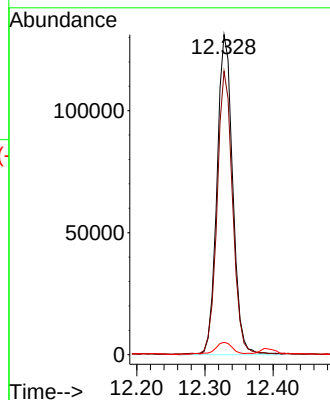
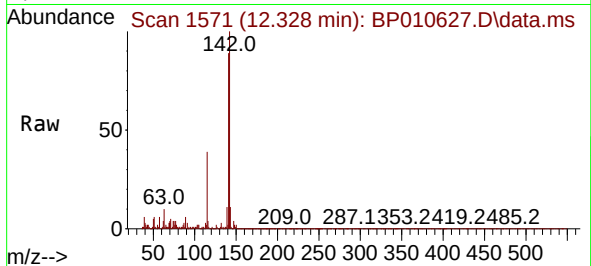




#38
1-Methylnaphthalene
Concen: 8.571 ng
RT: 12.328 min Scan# 1571
Delta R.T. -0.218 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

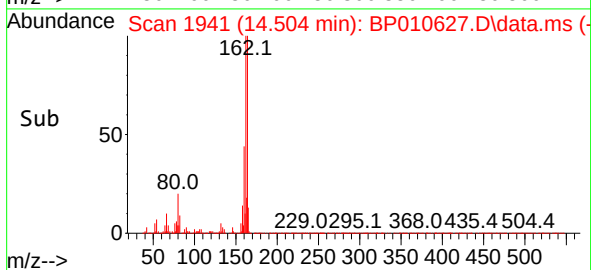
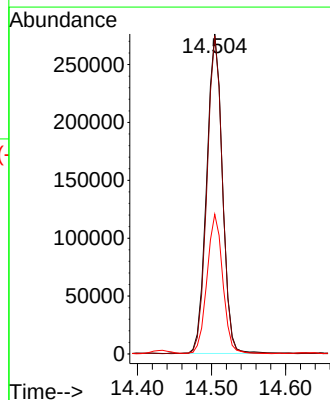
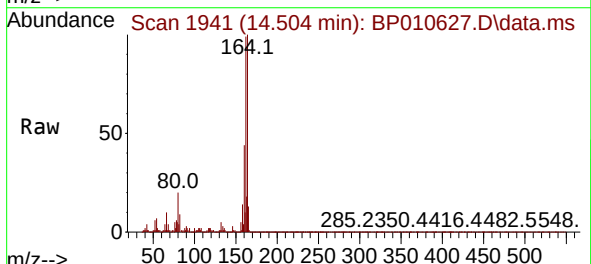
Instrument :
BNA_P
ClientSampleId :
MW-02DL

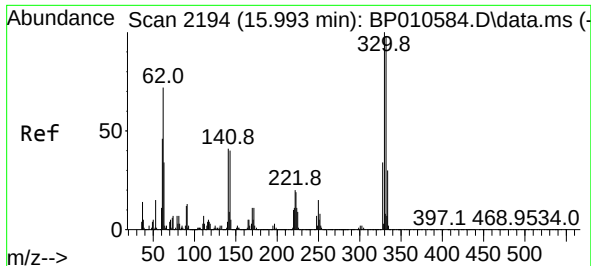
Tgt Ion:142 Resp: 210360
Ion Ratio Lower Upper
142 100
141 88.6 72.6 108.8
116 3.9 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.504 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:164 Resp: 408015
Ion Ratio Lower Upper
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162 99.4 81.9 122.9
160 43.7 34.6 51.8

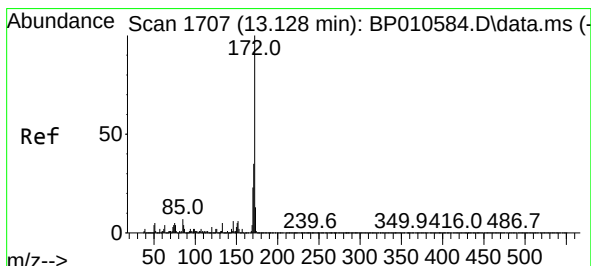
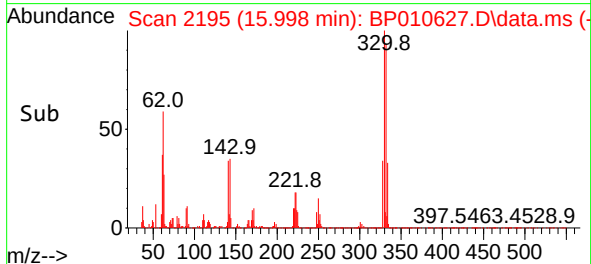
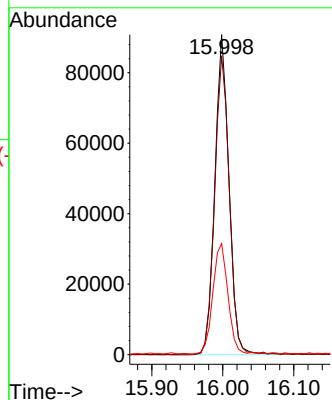
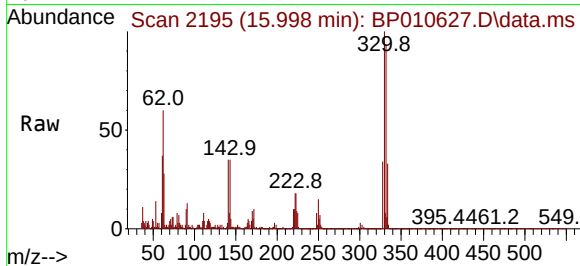




#42
2,4,6-Tribromophenol
Concen: 27.127 ng
RT: 15.998 min Scan# 2194
Delta R.T. 0.005 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

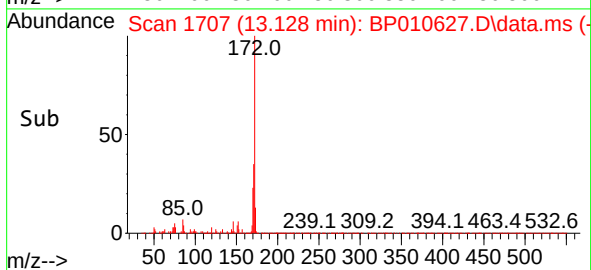
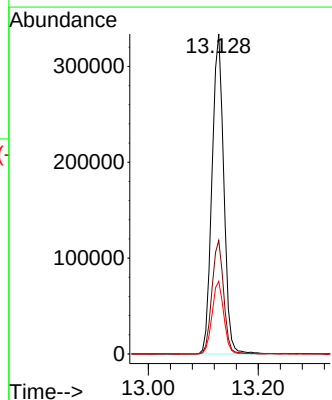
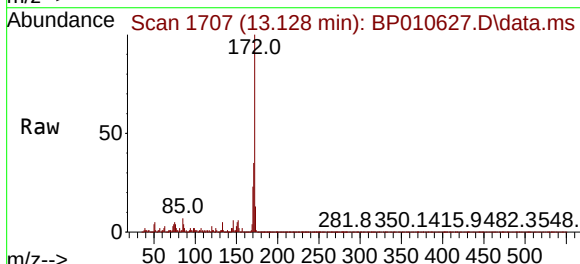
Instrument :
BNA_P
ClientSampleId :
MW-02DL

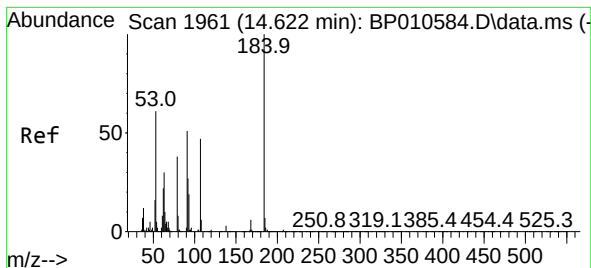
Tgt Ion:330 Resp: 125287
Ion Ratio Lower Upper
330 100
332 96.9 78.1 117.1
141 36.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 17.321 ng
RT: 13.128 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:172 Resp: 497950
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 22.7 18.2 27.2





#54

2,4-Dinitrophenol

Concen: 6.685 ng

RT: 14.634 min Scan# 1963

Delta R.T. 0.012 min

Lab File: BP010627.D

Acq: 29 May 2022 19:44

Instrument :

BNA_P

ClientSampleId :

MW-02DL

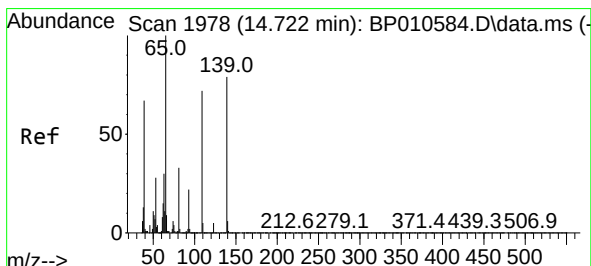
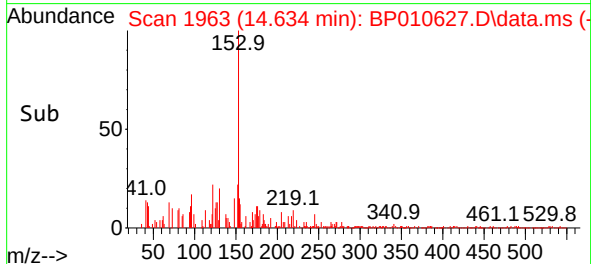
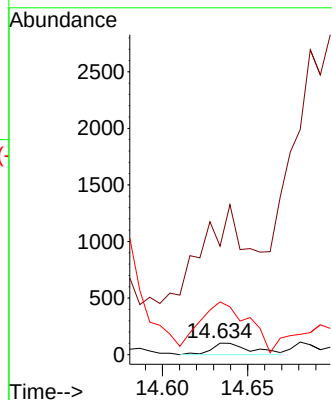
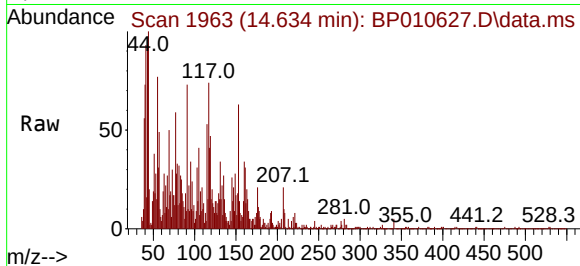
Tgt Ion:184 Resp: 164

Ion Ratio Lower Upper

184 100

63 948.5 65.4 98.2#

154 461.4 55.4 83.2#



#56

4-Nitrophenol

Concen: 3.646 ng

RT: 14.728 min Scan# 1979

Delta R.T. 0.006 min

Lab File: BP010627.D

Acq: 29 May 2022 19:44

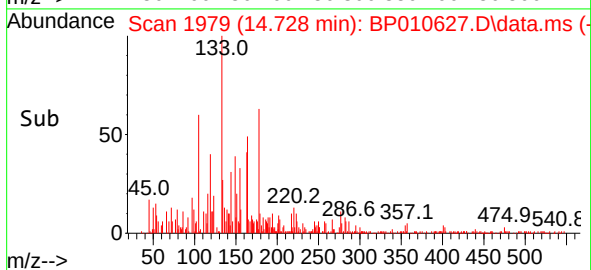
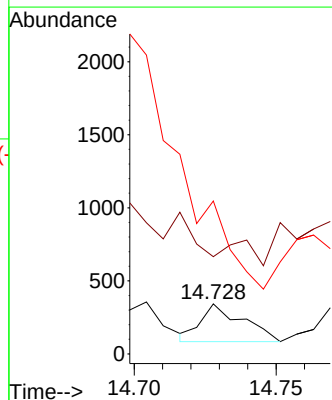
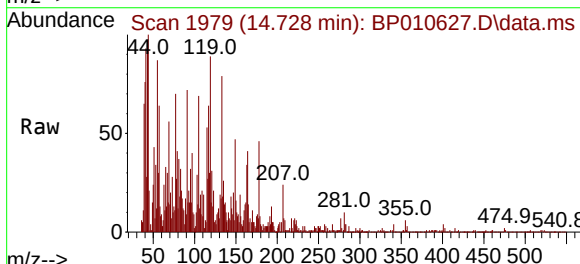
Tgt Ion:139 Resp: 264

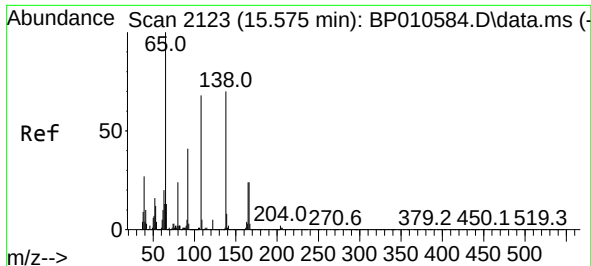
Ion Ratio Lower Upper

139 100

109 194.7 70.6 110.6#

65 306.1 106.6 146.6#

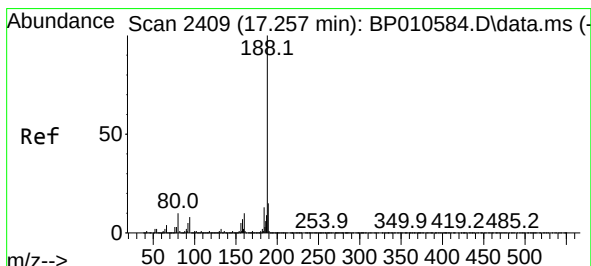
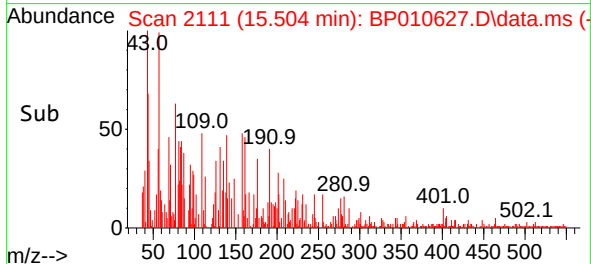
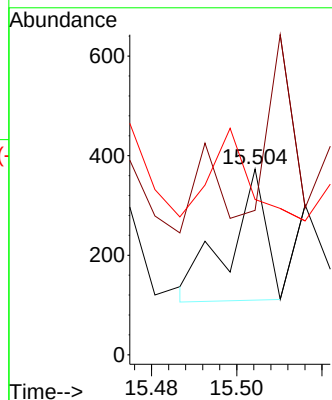
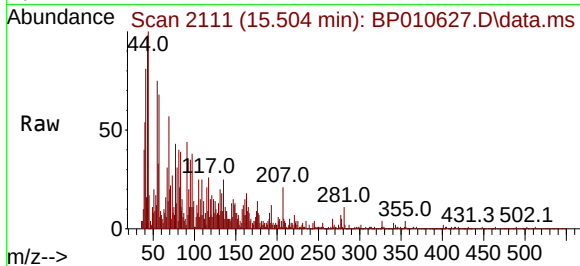




#62
4-Nitroaniline
Concen: 2.156 ng
RT: 15.504 min Scan# 21
Delta R.T. -0.071 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

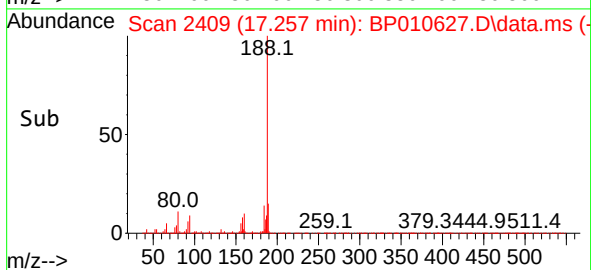
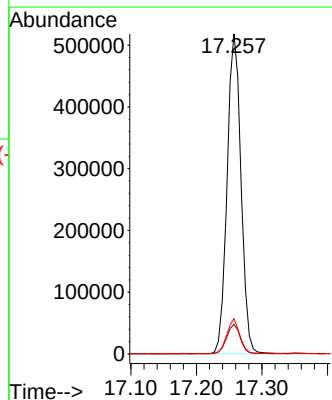
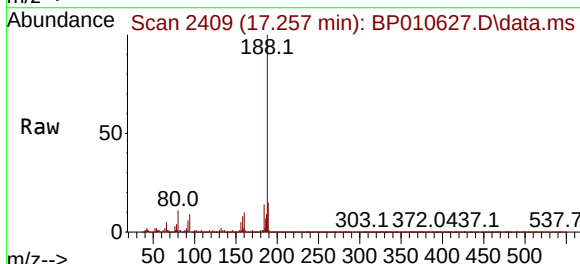
Instrument :
BNA_P
ClientSampleId :
MW-02DL

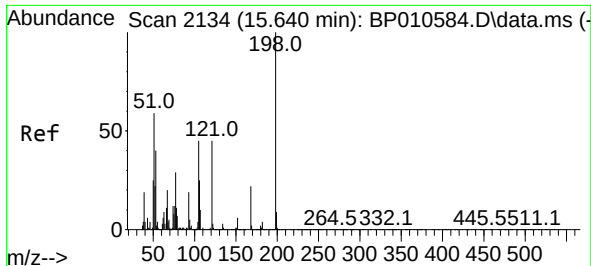
Tgt Ion:138 Resp: 157
Ion Ratio Lower Upper
138 100
92 77.7 38.0 78.0
108 83.6 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:188 Resp: 758701
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 11.0 8.0 12.0

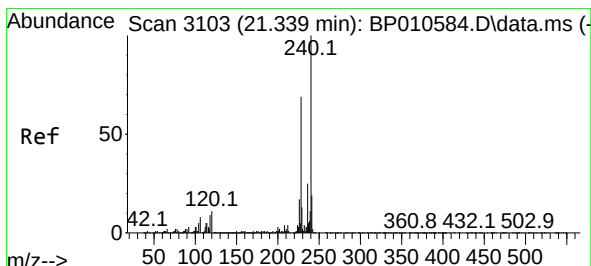
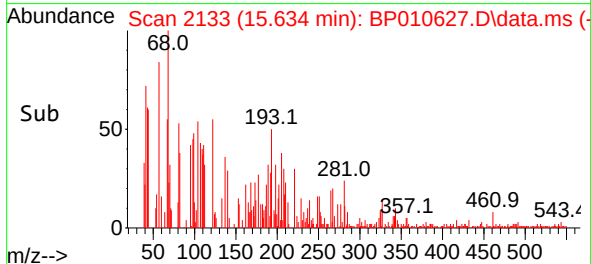
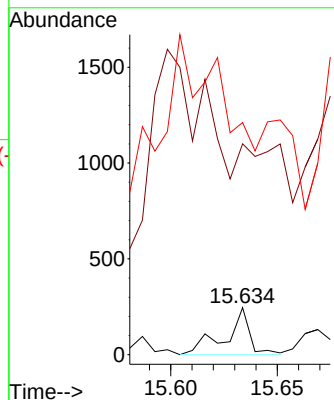
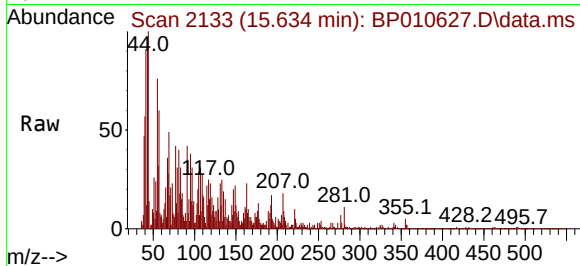




#65
4,6-Dinitro-2-methylphenol
Concen: 4.639 ng
RT: 15.634 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

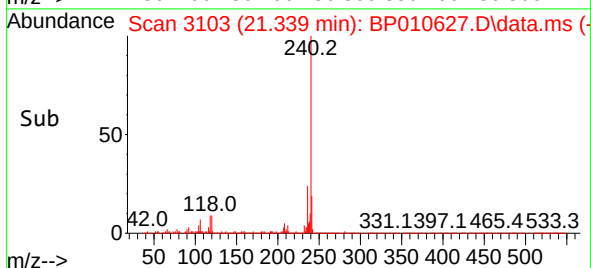
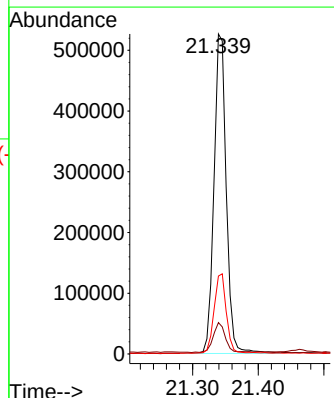
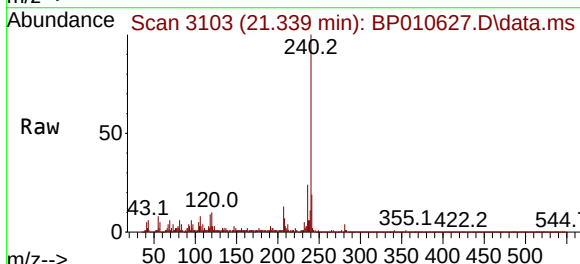
Instrument :
BNA_P
ClientSampleId :
MW-02DL

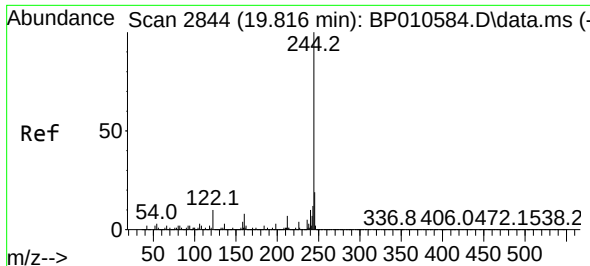
Tgt Ion:198 Resp: 196
Ion Ratio Lower Upper
198 100
51 447.6 41.2 81.2#
105 492.7 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010627.D
Acq: 29 May 2022 19:44

Tgt Ion:240 Resp: 685872
Ion Ratio Lower Upper
240 100
120 9.8 8.6 12.8
236 24.4 19.8 29.6

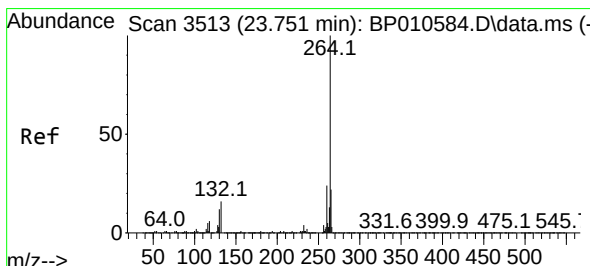
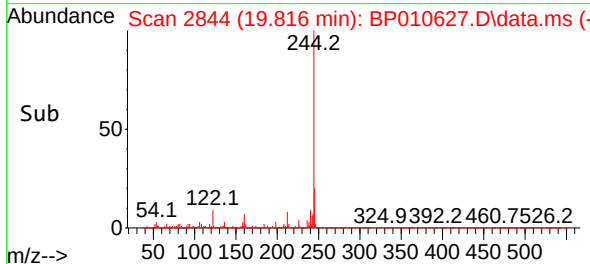
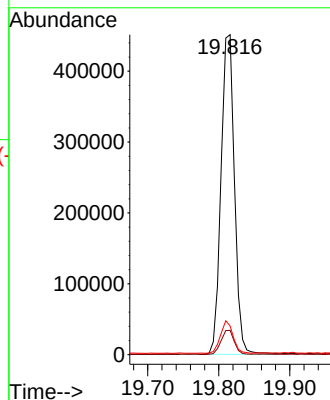
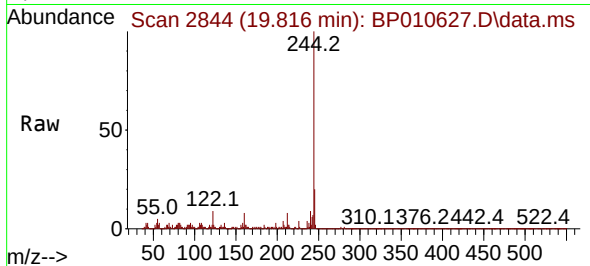




#79
 Terphenyl-d14
 Concen: 16.191 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP010627.D
 Acq: 29 May 2022 19:44

Instrument :
 BNA_P
 ClientSampleId :
 MW-02DL

Tgt Ion:244 Resp: 591228
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.0 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: BP010627.D
 Acq: 29 May 2022 19:44

Tgt Ion:264 Resp: 715518
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.8 18.0 27.0

