

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
 Data File : BP009696.D
 Acq On : 05 Apr 2022 13:54
 Operator : CG/JU
 Sample : N2249-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2DDL

Quant Time: Apr 05 15:05:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 13:35:48 2022
 Response via : Initial Calibration

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

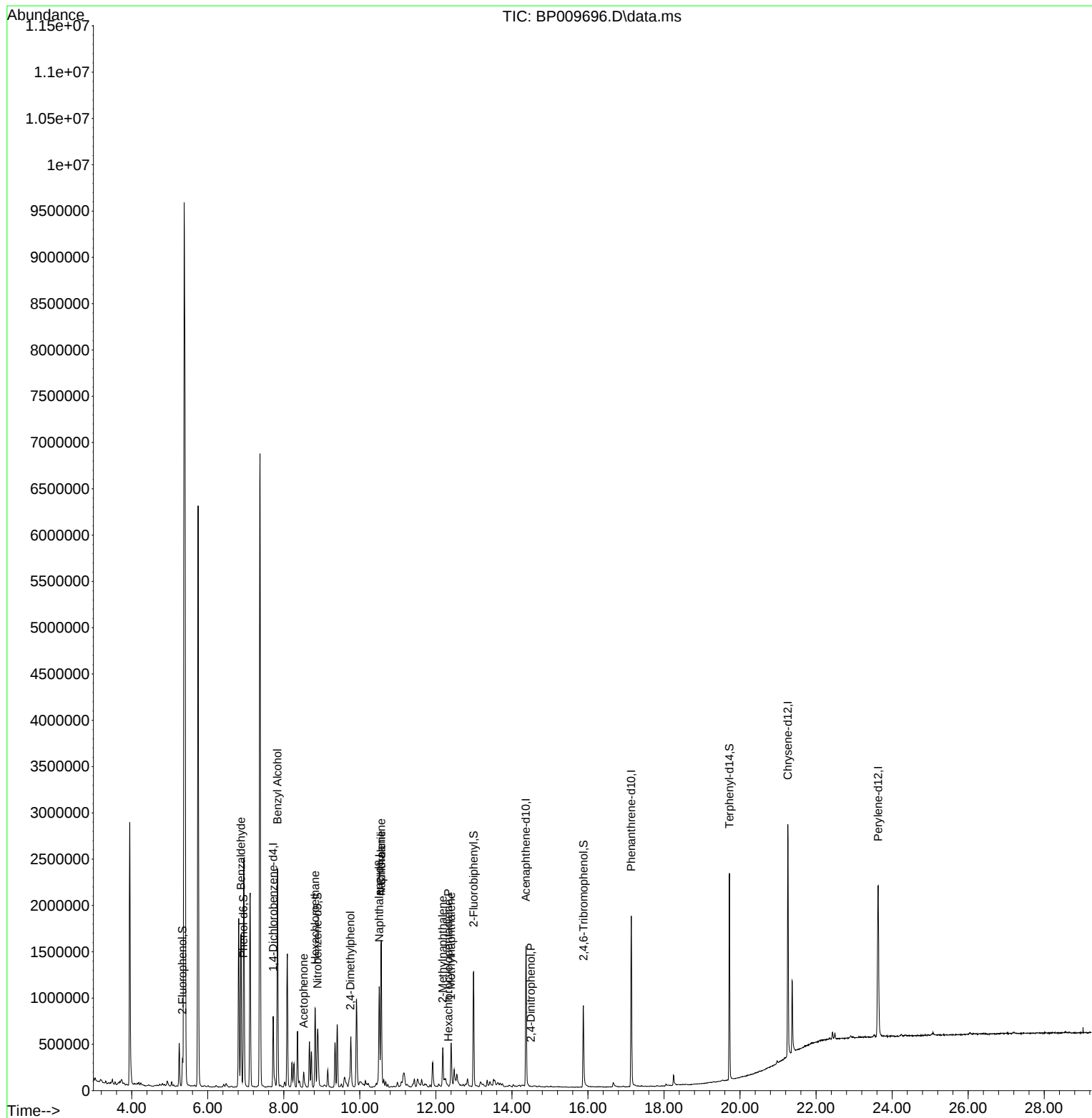
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	232099	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	929647	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	597350	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1278791	20.000	ng	0.00
76) Chrysene-d12	21.257	240	1398552	20.000	ng	0.00
86) Perylene-d12	23.633	264	1467624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	180652	13.589	ng	0.00
7) Phenol-d6	6.934	99	123633	6.877	ng	0.02
23) Nitrobenzene-d5	8.887	82	307886	17.599	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	218364	22.153	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	765878	17.774	ng	0.00
79) Terphenyl-d14	19.721	244	1210076	15.530	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.875	77	132420	12.698	ng	# 1
15) Benzyl Alcohol	7.834	79	129336	9.023	ng	# 4
18) Hexachloroethane	8.828	117	97112	15.841	ng	# 1
22) Acetophenone	8.522	105	136197	5.919	ng	# 61
27) 2,4-Dimethylphenol	9.751	122	65935	5.424	ng	# 93
31) Naphthalene	10.563	128	1379167	28.801	ng	99
33) 4-Chloroaniline	10.563	127	175783	8.996	ng	# 31
37) 2-Methylnaphthalene	12.181	142	227177	6.761	ng	97
38) 1-Methylnaphthalene	12.398	142	218666	6.681	ng	99
41) Hexachlorocyclopentadiene	12.328	237	14	7.290	ng	81
54) 2,4-Dinitrophenol	14.498	184	10	4.534	ng	# 1

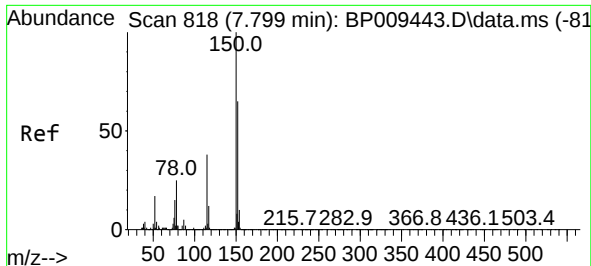
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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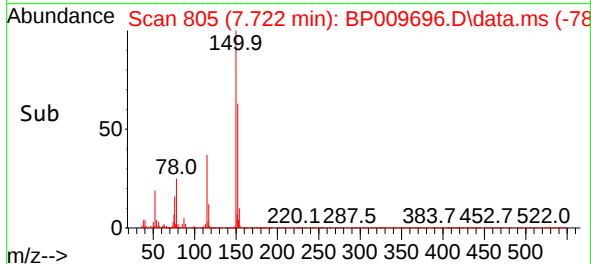
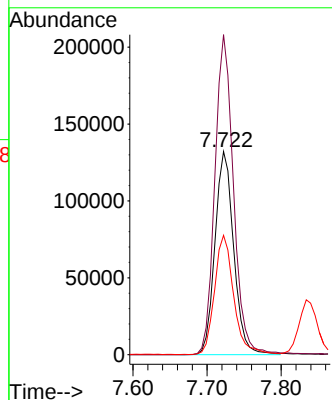
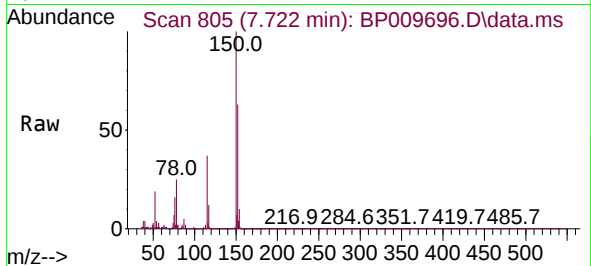




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 805
 Delta R.T. 0.000 min
 Lab File: BP009696.D
 Acq: 05 Apr 2022 13:54

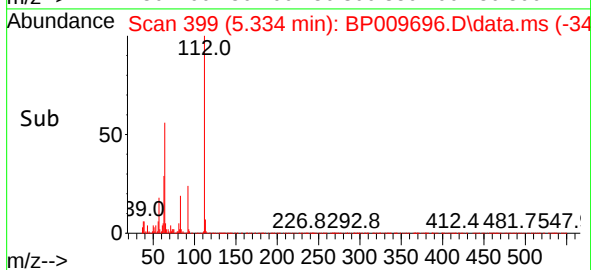
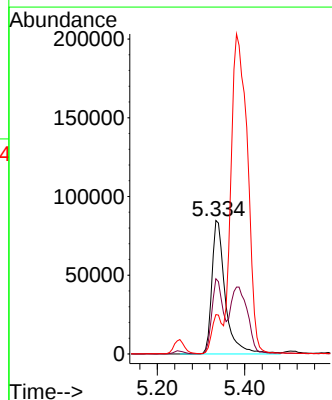
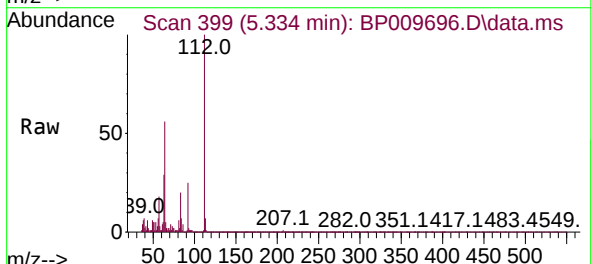
Instrument :
 BNA_P
 ClientSampleId :
 MW-2DDL

Tgt Ion:152 Resp: 232099
 Ion Ratio Lower Upper
 152 100
 150 157.5 124.5 186.7
 115 58.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 13.589 ng
 RT: 5.334 min Scan# 399
 Delta R.T. 0.006 min
 Lab File: BP009696.D
 Acq: 05 Apr 2022 13:54

Tgt Ion:112 Resp: 180652
 Ion Ratio Lower Upper
 112 100
 64 56.3 45.0 67.4
 63 29.5 23.0 34.6

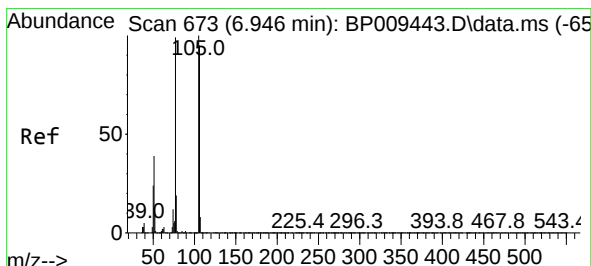
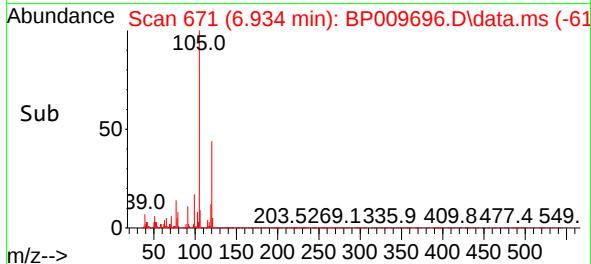
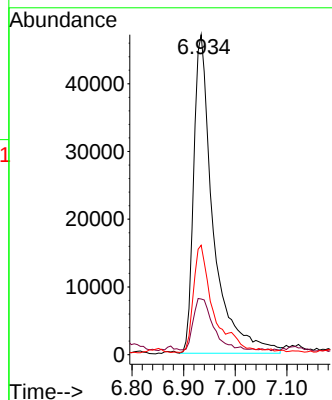
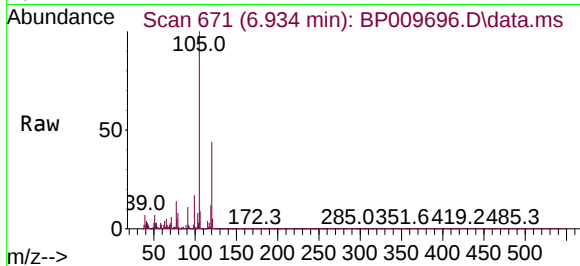




#7
Phenol-d6
Concen: 6.877 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

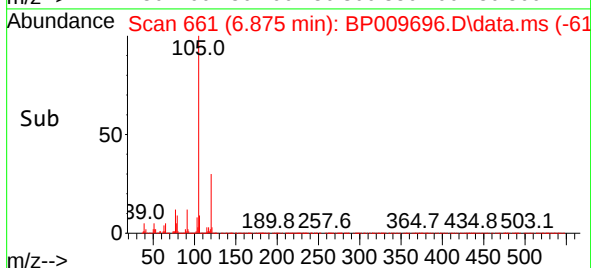
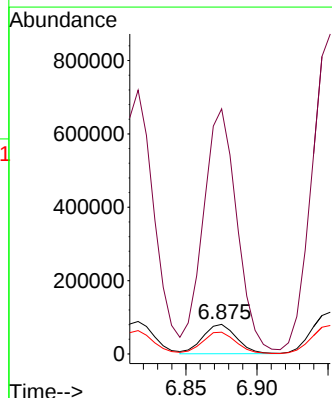
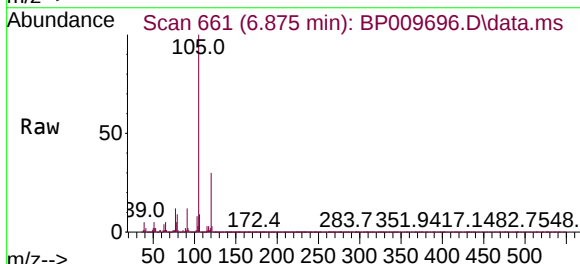
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

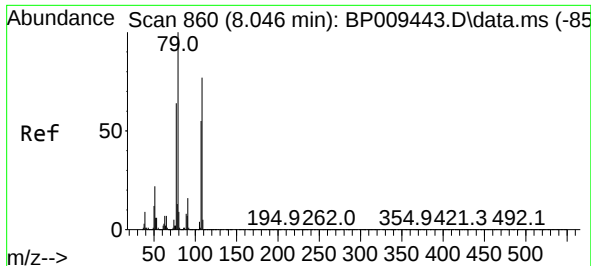
Tgt Ion: 99 Resp: 123633
Ion Ratio Lower Upper
99 100
42 17.4 12.8 19.2
71 34.2 26.3 39.5



#9
Benzaldehyde
Concen: 12.698 ng
RT: 6.875 min Scan# 661
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion: 77 Resp: 132420
Ion Ratio Lower Upper
77 100
105 827.4 75.2 115.2#
106 73.2 72.3 112.3

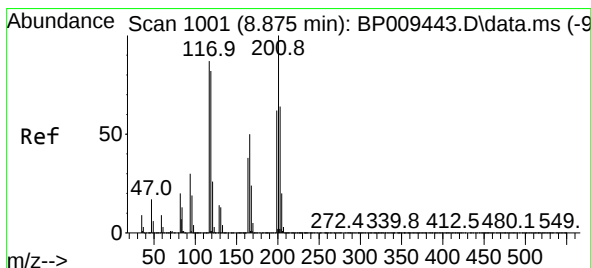
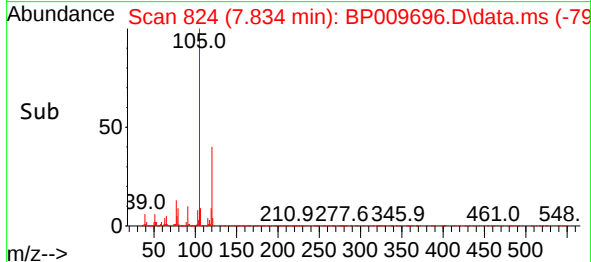
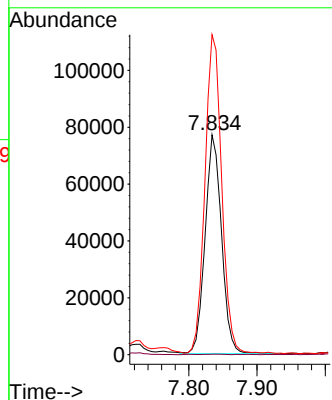
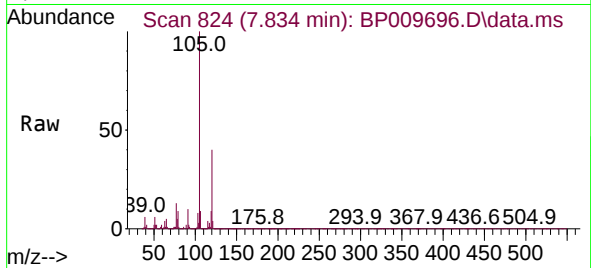




#15
Benzyl Alcohol
Concen: 9.023 ng
RT: 7.834 min Scan# 81
Delta R.T. -0.141 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

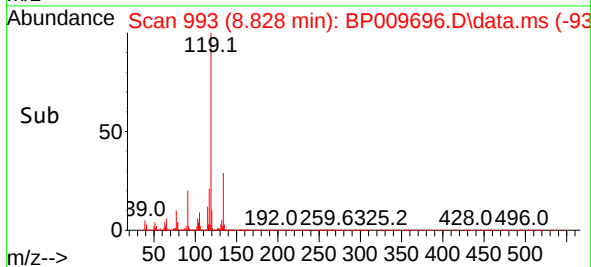
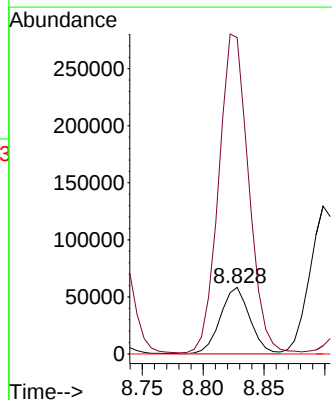
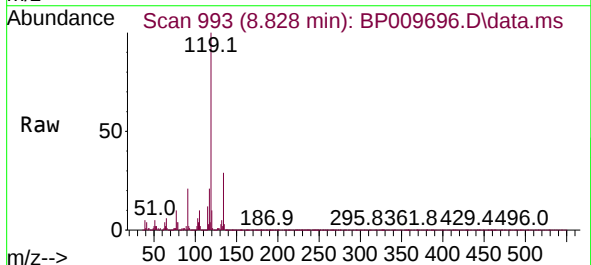
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

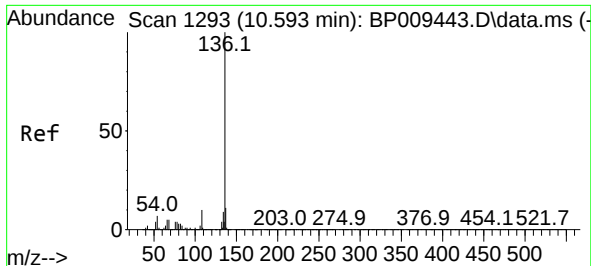
Tgt Ion: 79 Resp: 129336
Ion Ratio Lower Upper
79 100
108 0.2 62.5 93.7#
77 145.6 51.7 77.5#



#18
Hexachloroethane
Concen: 15.841 ng
RT: 8.828 min Scan# 993
Delta R.T. 0.035 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion: 117 Resp: 97112
Ion Ratio Lower Upper
117 100
119 475.6 76.4 114.6#
201 0.0 83.4 125.2#

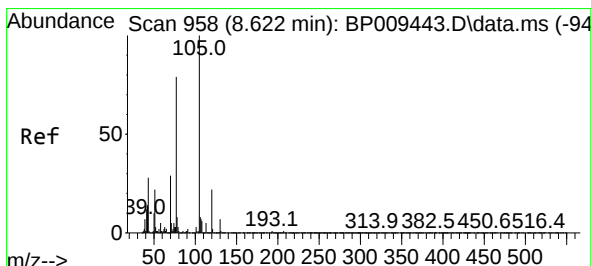
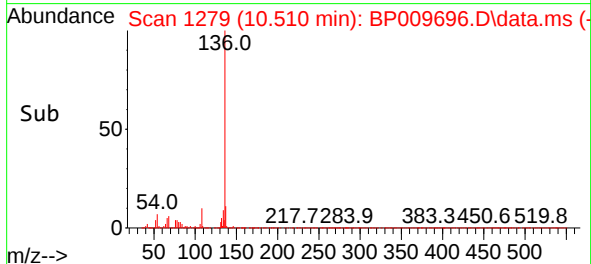
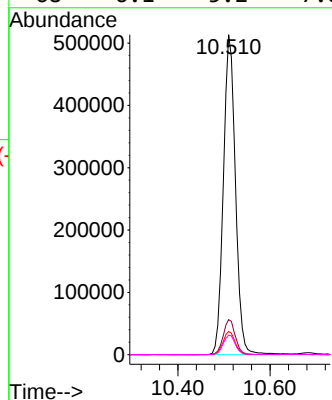
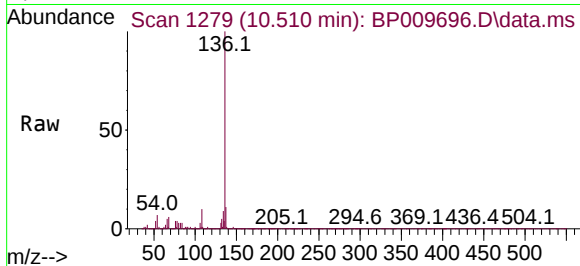




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

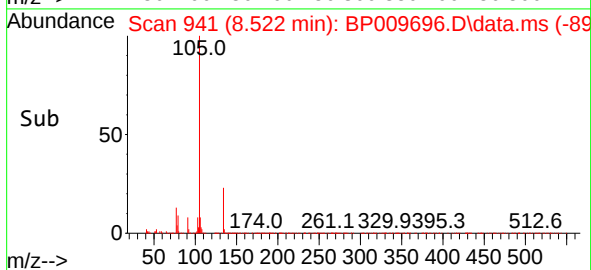
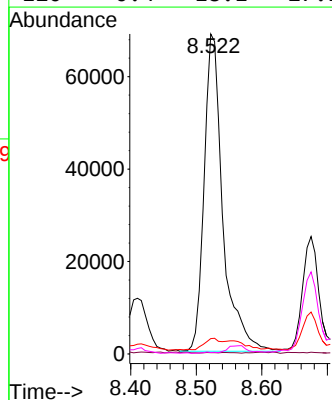
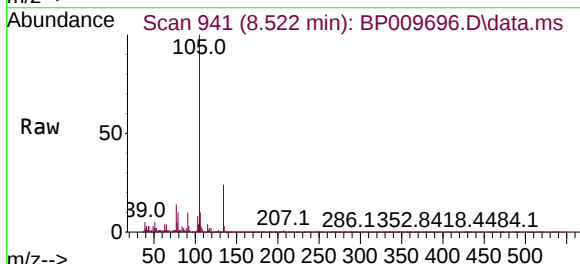
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

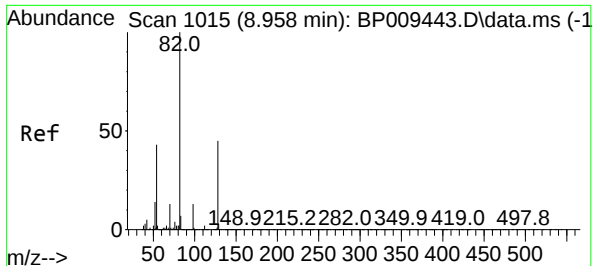
Tgt	Ion:136	Resp:	929647
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	5.8	8.8
68	6.1	5.2	7.8



#22
Acetophenone
Concen: 5.919 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.030 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt	Ion:105	Resp:	136197
Ion	Ratio	Lower	Upper
105	100		
71	0.4	5.5	8.3#
51	4.8	18.9	28.3#
120	0.4	18.1	27.1#

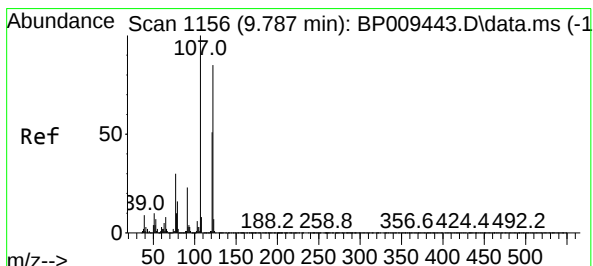
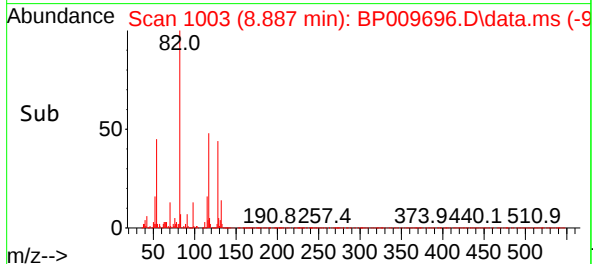
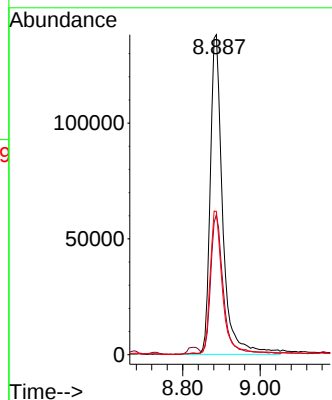
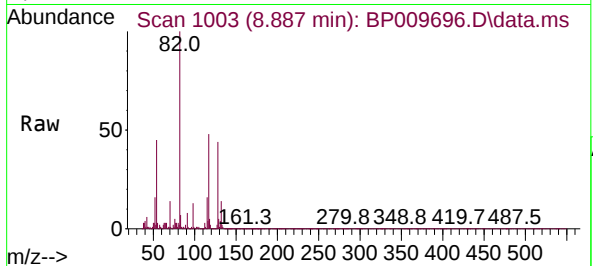




#23
Nitrobenzene-d5
Concen: 17.599 ng
RT: 8.887 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

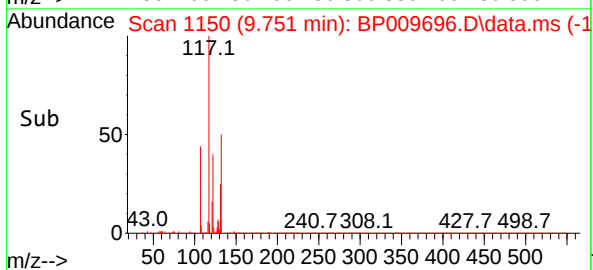
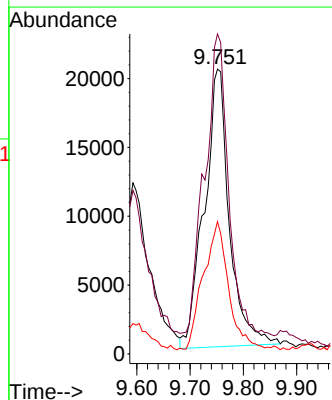
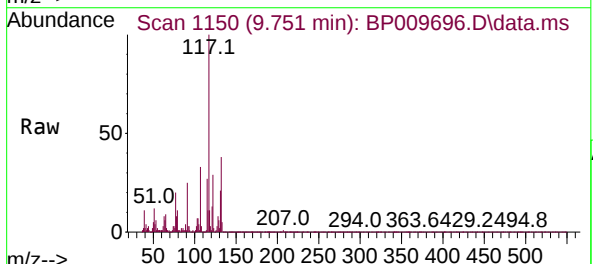
Instrument :
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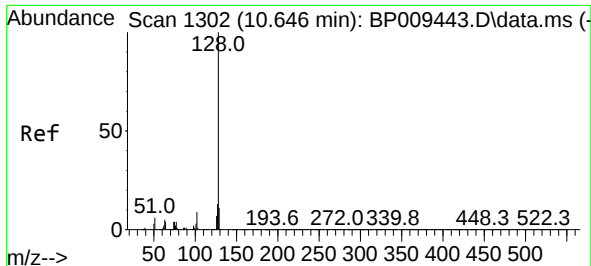
Tgt Ion: 82 Resp: 307886
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 44.8 34.7 52.1



#27
2,4-Dimethylphenol
Concen: 5.424 ng
RT: 9.751 min Scan# 1150
Delta R.T. 0.041 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion: 122 Resp: 65935
Ion Ratio Lower Upper
122 100
107 112.3 92.6 138.8
121 46.5 46.7 70.1#

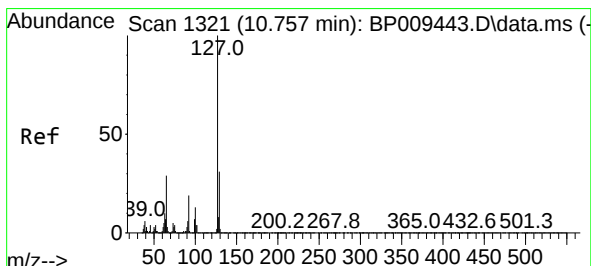
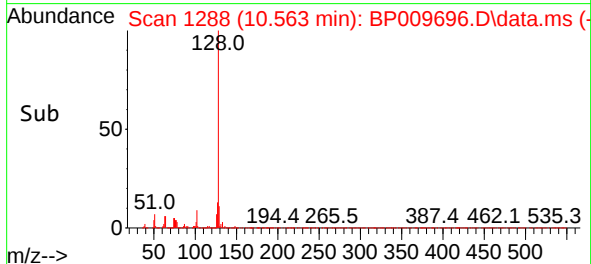
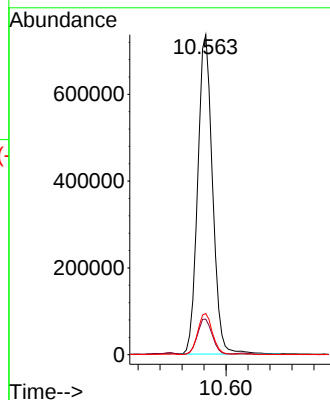
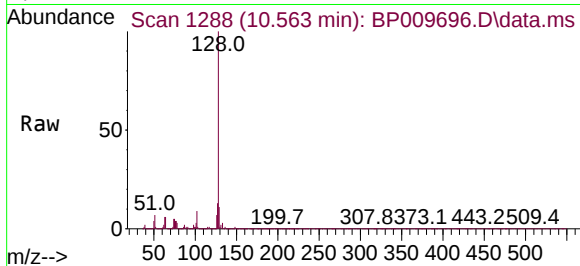




#31
Naphthalene
Concen: 28.801 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

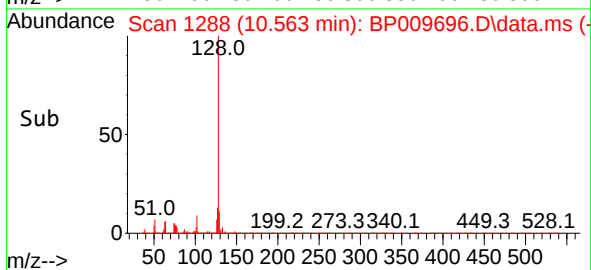
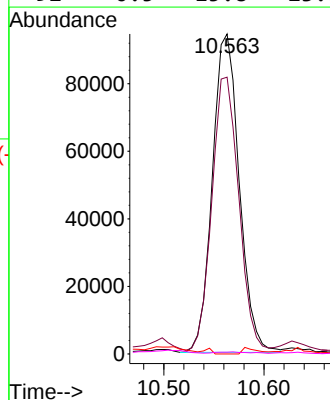
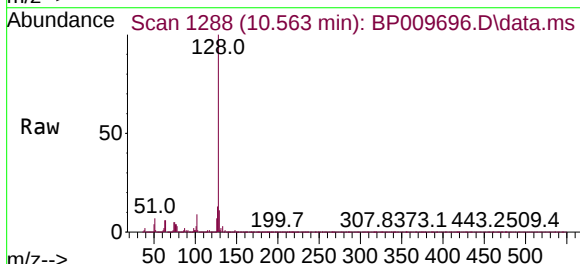
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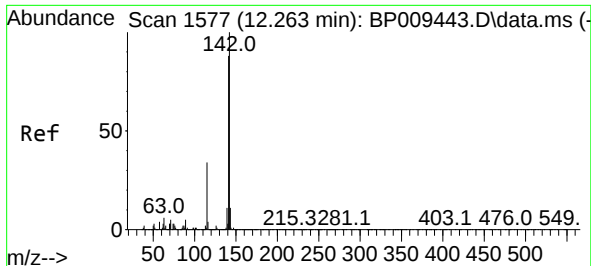
Tgt Ion:128 Resp: 1379167
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.5 15.7



#33
4-Chloroaniline
Concen: 8.996 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.124 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion:127 Resp: 175783
Ion Ratio Lower Upper
127 100
129 86.5 25.5 38.3#
65 0.0 24.3 36.5#
92 0.5 15.8 23.8#

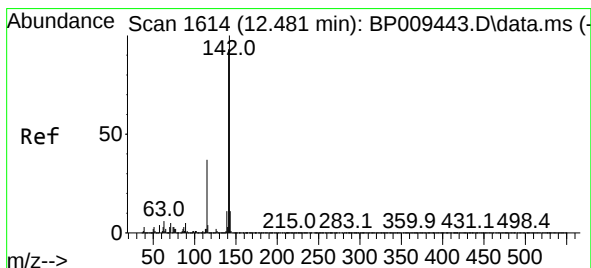
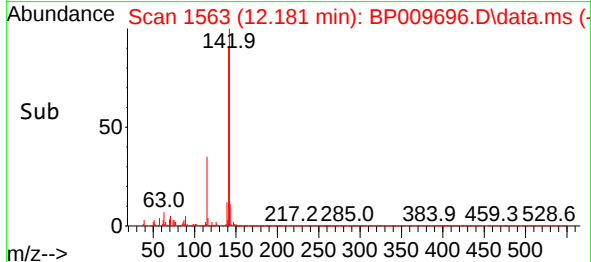
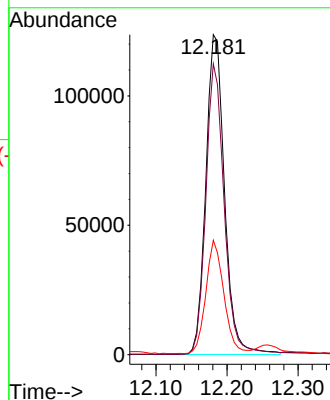
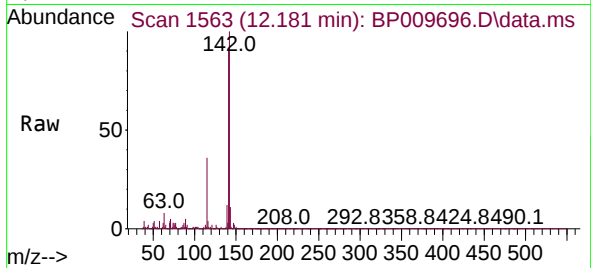




#37
2-Methylnaphthalene
Concen: 6.761 ng
RT: 12.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

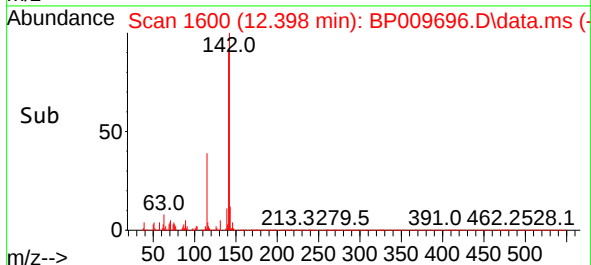
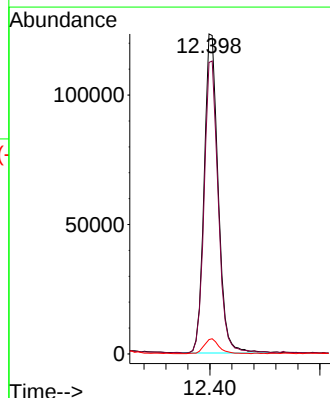
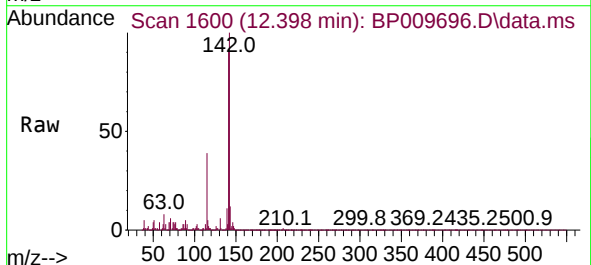
Instrument :
BNA_P
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MW-2DDL

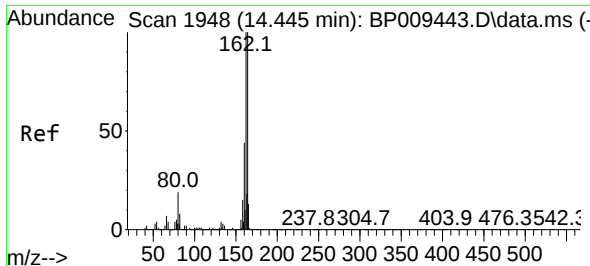
Tgt Ion:142 Resp: 227177
Ion Ratio Lower Upper
142 100
141 90.9 70.2 105.4
115 35.7 27.4 41.2



#38
1-Methylnaphthalene
Concen: 6.681 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion:142 Resp: 218666
Ion Ratio Lower Upper
142 100
141 91.1 73.5 110.3
116 4.5 3.3 4.9

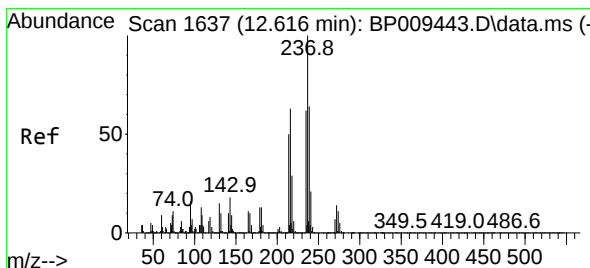
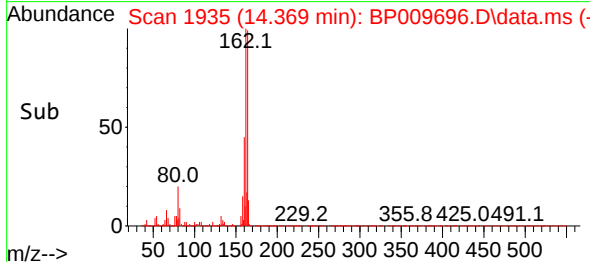
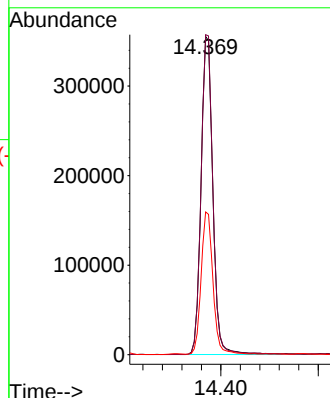
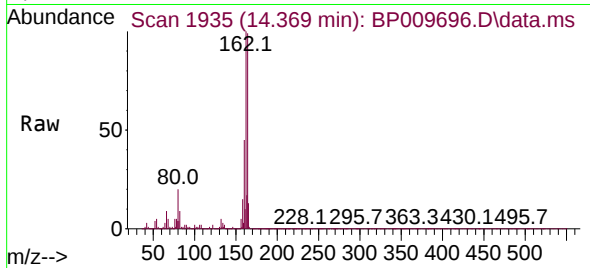




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.369 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

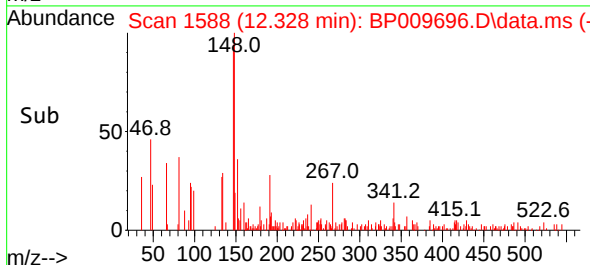
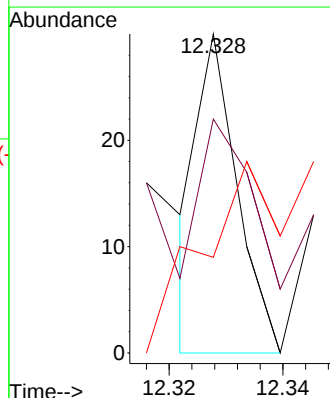
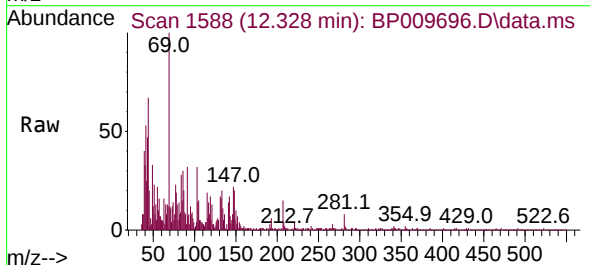
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

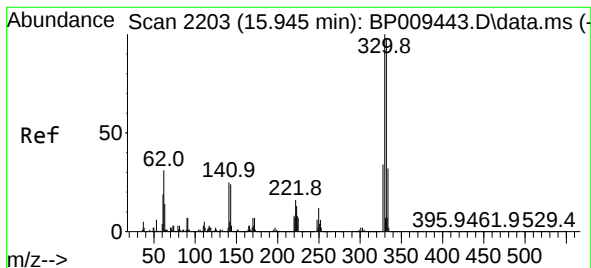
Tgt Ion:164 Resp: 597350
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 44.9 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.328 min Scan# 1588
Delta R.T. -0.206 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 73.3 42.6 82.6
272 30.0 0.0 32.8





#42

2,4,6-Tribromophenol

Concen: 22.153 ng

RT: 15.881 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP009696.D

Acq: 05 Apr 2022 13:54

Instrument :

BNA_P

ClientSampleId :

MW-2DDL

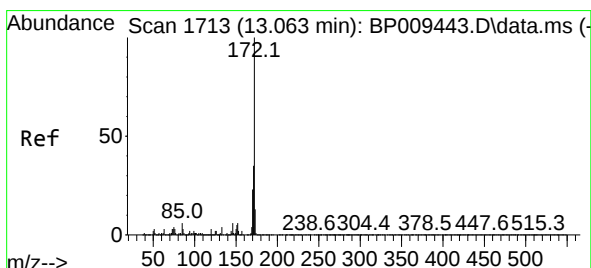
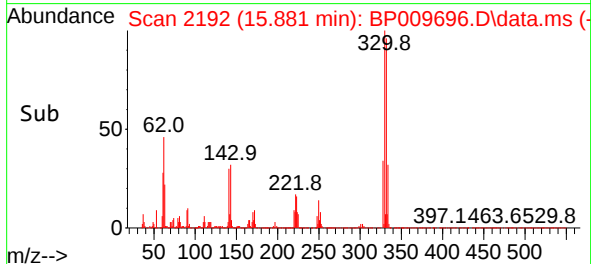
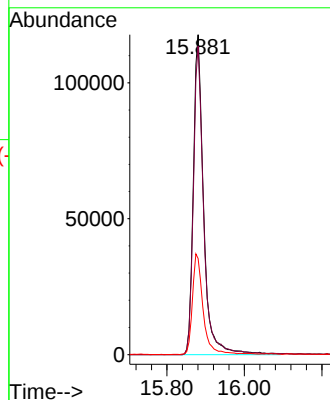
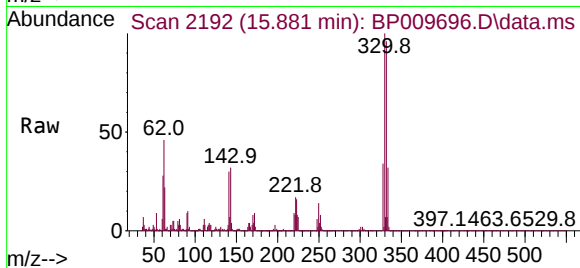
Tgt Ion:330 Resp: 218364

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

141 32.6 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 17.774 ng

RT: 12.992 min Scan# 1701

Delta R.T. -0.000 min

Lab File: BP009696.D

Acq: 05 Apr 2022 13:54

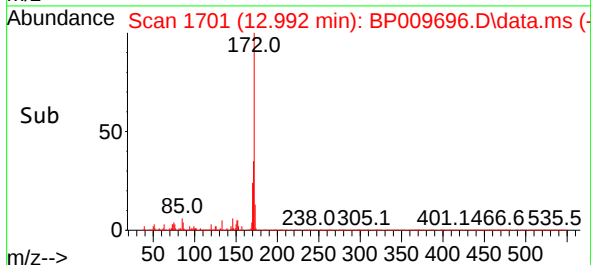
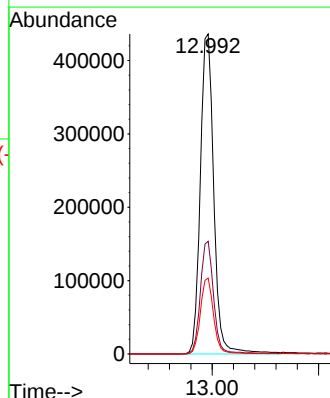
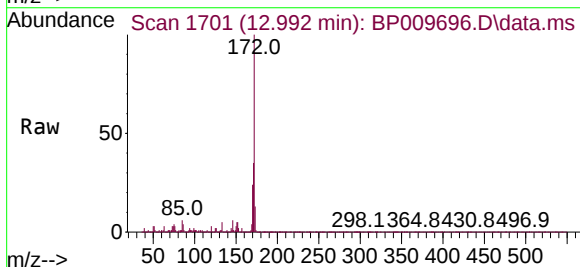
Tgt Ion:172 Resp: 765878

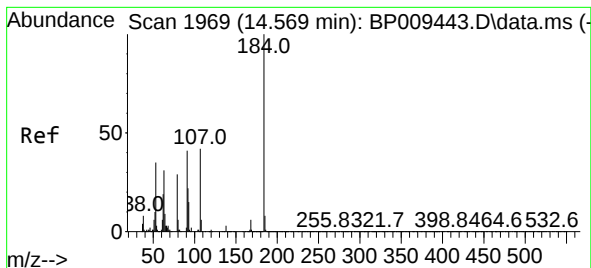
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.7 18.6 27.8

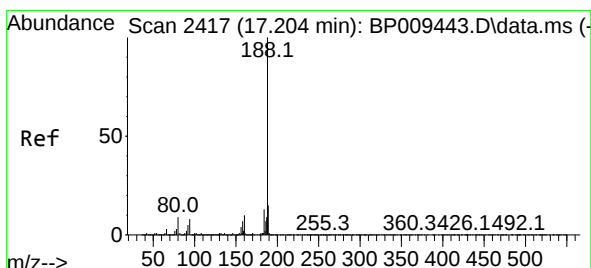
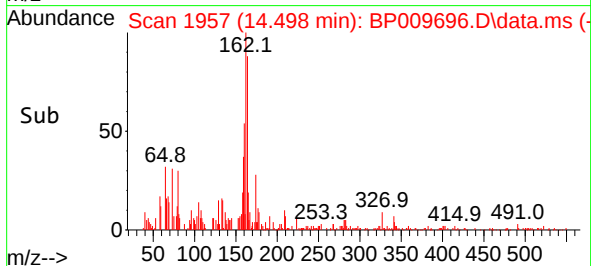
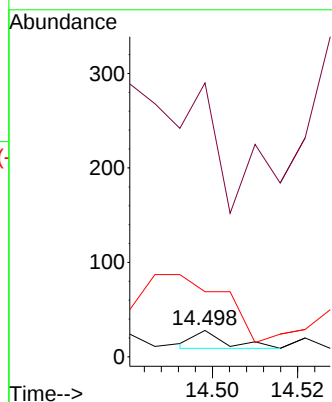
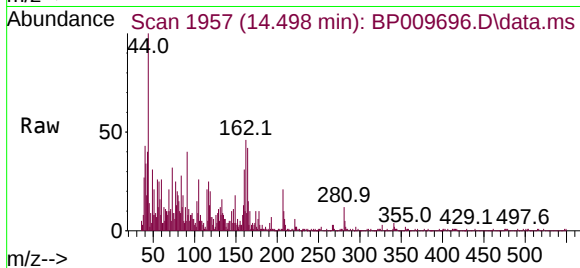




#54
2,4-Dinitrophenol
Concen: 4.534 ng
RT: 14.498 min Scan# 14
Delta R.T. -0.030 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

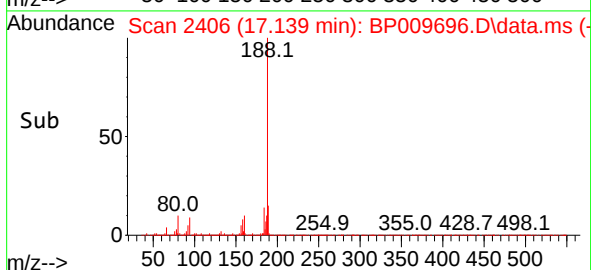
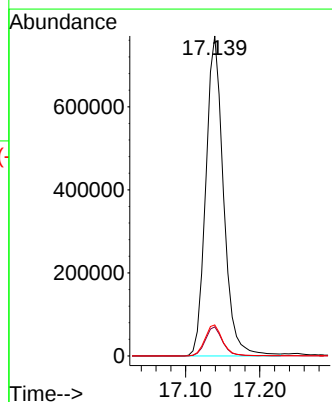
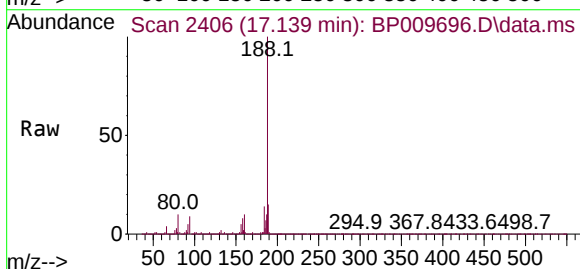
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

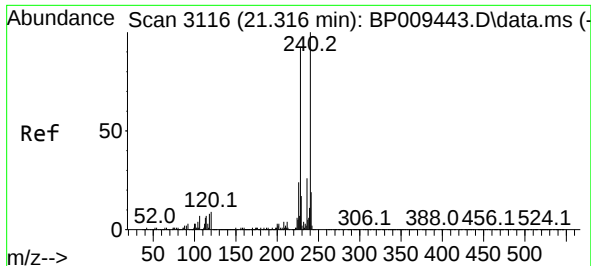
Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 1035.7 46.3 69.5#
154 246.4 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion:188 Resp: 1278791
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.7 8.8 13.2

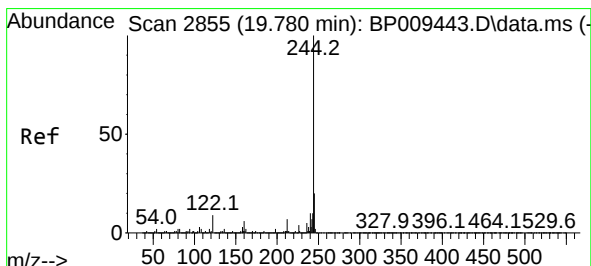
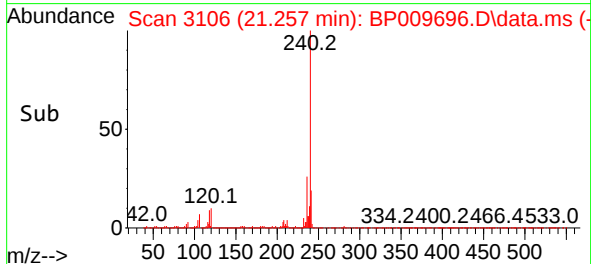
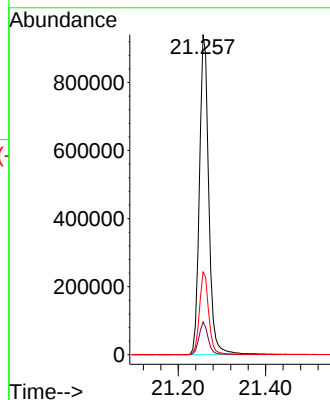
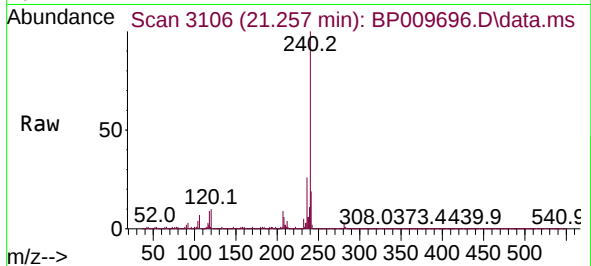




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

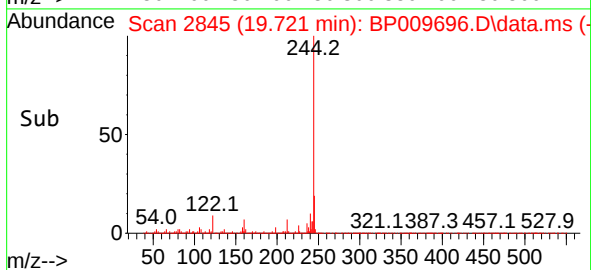
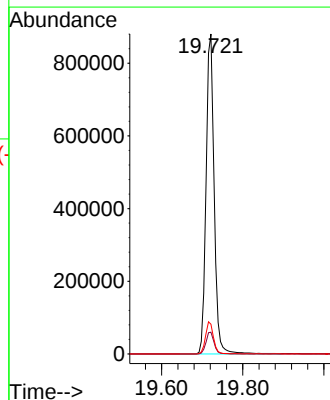
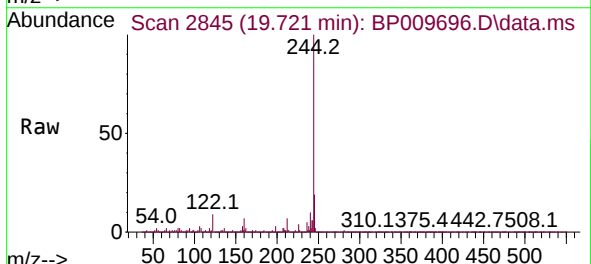
Instrument :
BNA_P
ClientSampleId :
MW-2DDL

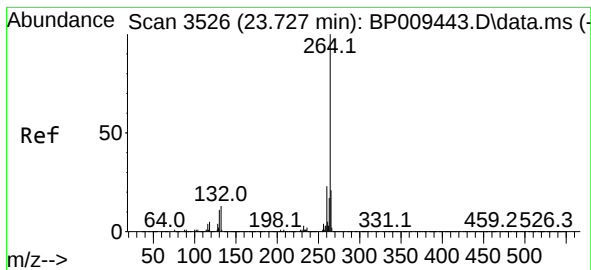
Tgt Ion:240 Resp: 1398552
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 25.8 20.6 30.8



#79
Terphenyl-d14
Concen: 15.530 ng
RT: 19.721 min Scan# 2845
Delta R.T. -0.000 min
Lab File: BP009696.D
Acq: 05 Apr 2022 13:54

Tgt Ion:244 Resp: 1210076
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 9.3 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.633 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009696.D

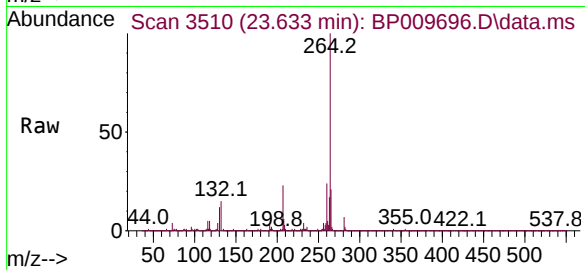
Acq: 05 Apr 2022 13:54

Instrument :

BNA_P

ClientSampleId :

MW-2DDL



Tgt Ion:264 Resp: 1467624

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 21.5 17.2 25.8

