

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011670.D
 Acq On : 09 Sep 2022 19:06
 Operator : CG/JU
 Sample : N4549-20
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-64

Quant Time: Sep 10 00:55:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

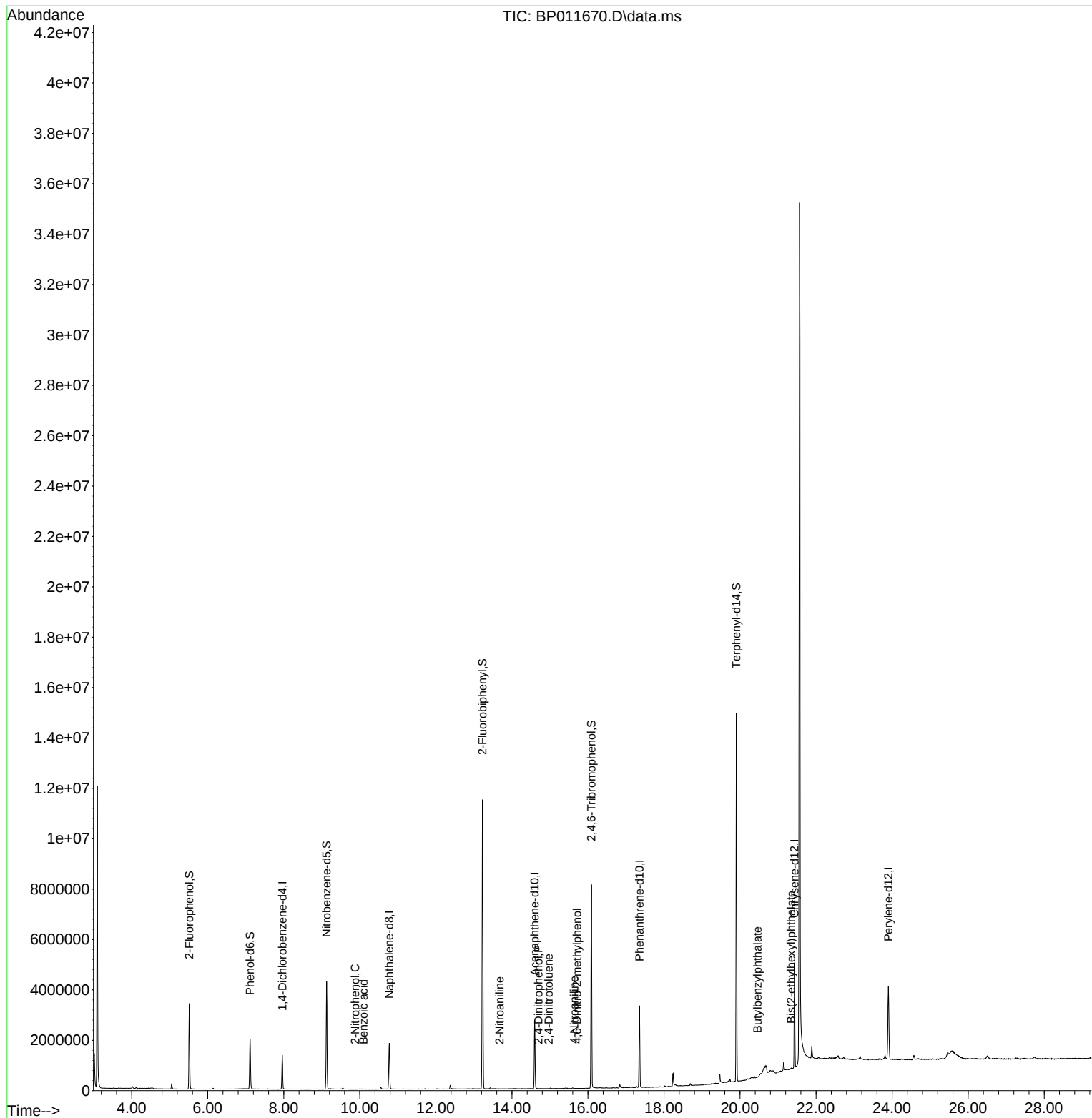
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	399203	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	1595518	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	946827	20.000	ng	0.00
64) Phenanthrene-d10	17.357	188	1998600	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2001776	20.000	ng	0.00
86) Perylene-d12	23.904	264	2212601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1581241	70.054	ng	0.00
7) Phenol-d6	7.116	99	1258832	42.148	ng	0.00
23) Nitrobenzene-d5	9.128	82	2444640	94.052	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1702189	159.118	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6158150	93.007	ng	0.00
79) Terphenyl-d14	19.904	244	7106345	74.355	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.875	139	50	4.894	ng	# 1
32) Benzoic acid	10.099	122	54	8.602	ng	# 1
48) 2-Nitroaniline	13.675	65	207	3.415	ng	# 39
54) 2,4-Dinitrophenol	14.698	184	151	6.477	ng	# 15
57) 2,4-Dinitrotoluene	14.969	165	355	3.661	ng	# 87
62) 4-Nitroaniline	15.639	138	20	2.646	ng	# 12
65) 4,6-Dinitro-2-methylph...	15.716	198	61	7.895	ng	# 1
80) Butylbenzylphthalate	20.457	149	379	3.718	ng	94
84) Bis(2-ethylhexyl)phtha...	21.345	149	8774	2.001	ng	# 93

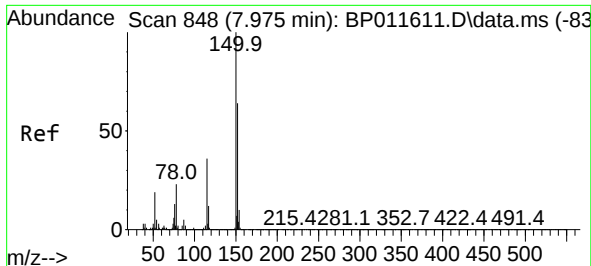
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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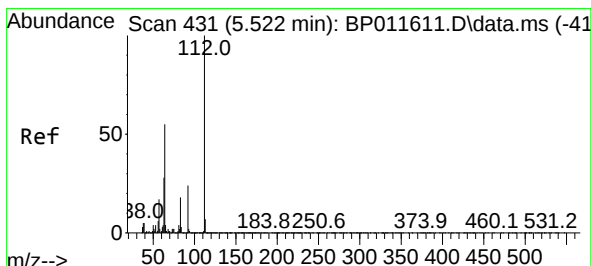
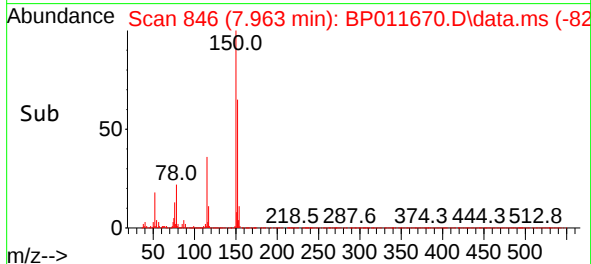
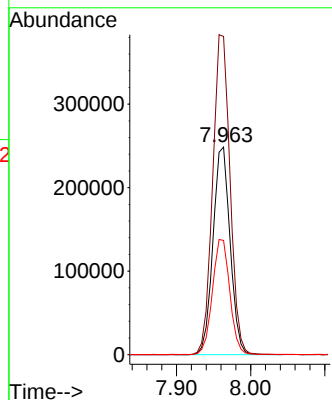
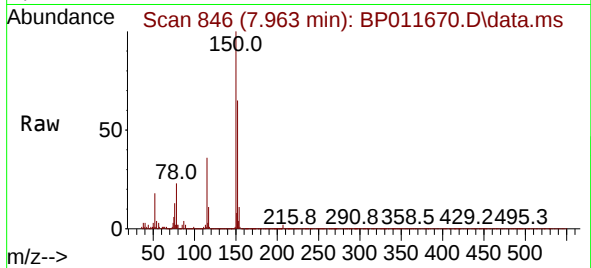




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 84
Delta R.T. -0.001 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

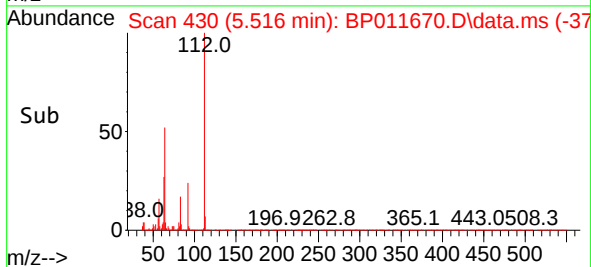
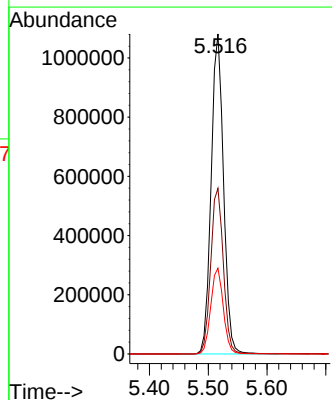
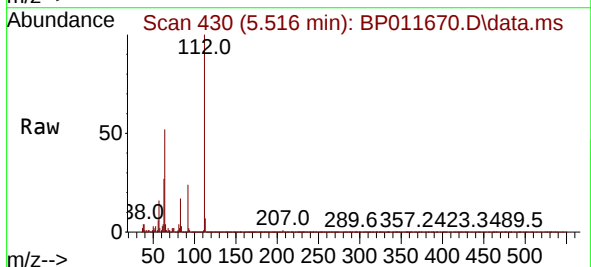
Instrument :
BNA_P
ClientSampleId :
MW-64

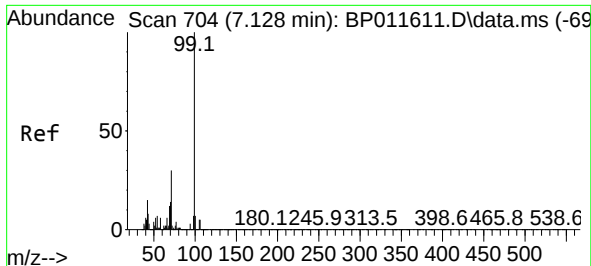
Tgt Ion:152 Resp: 399203
Ion Ratio Lower Upper
152 100
150 153.2 123.4 185.2
115 55.0 51.3 76.9



#5
2-Fluorophenol
Concen: 70.054 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:112 Resp: 1581241
Ion Ratio Lower Upper
112 100
64 51.8 56.9 85.3#
63 26.8 31.2 46.8#

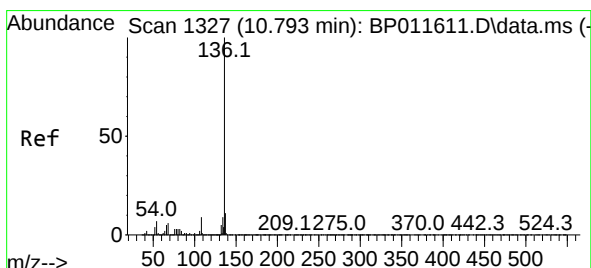
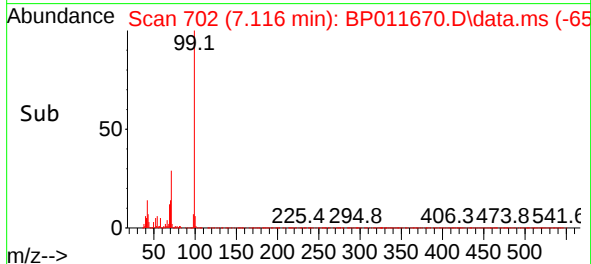
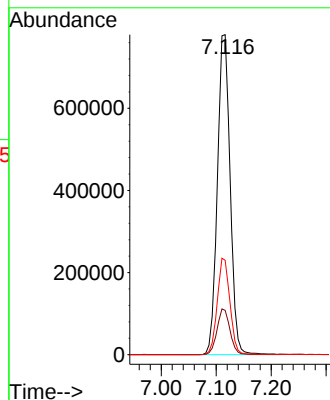
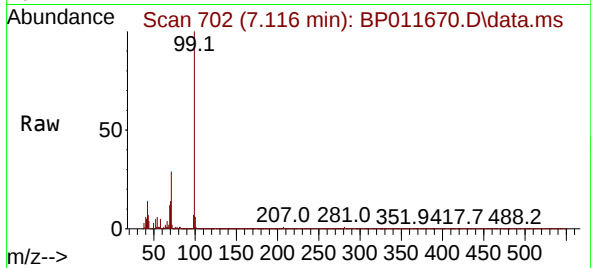




#7
Phenol-d6
Concen: 42.148 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

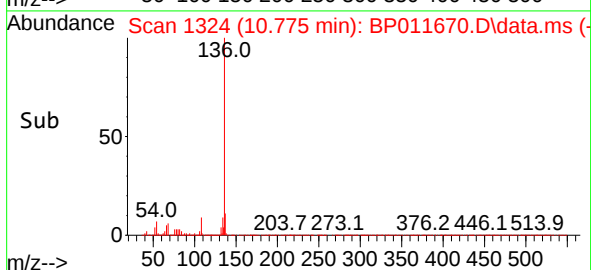
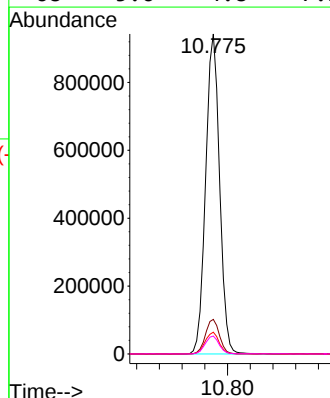
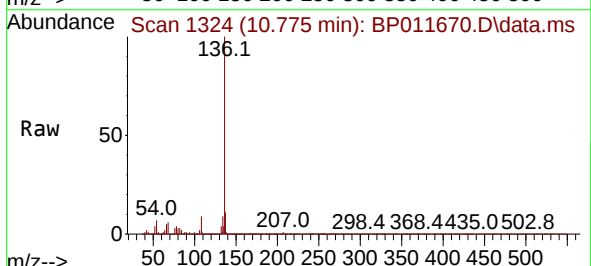
Instrument :
BNA_P
ClientSampleId :
MW-64

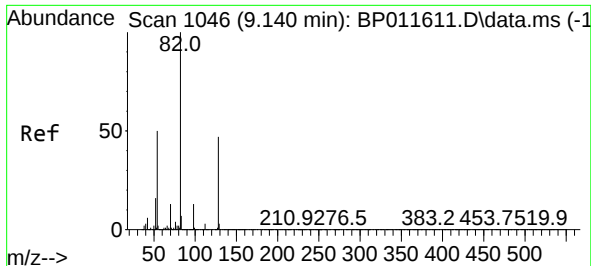
Tgt Ion: 99 Resp: 1258832
Ion Ratio Lower Upper
99 100
42 13.8 20.3 30.5#
71 29.5 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:136 Resp: 1595518
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 6.8 8.7 13.1#
68 5.6 4.8 7.2

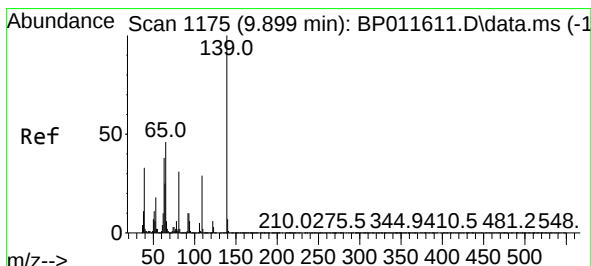
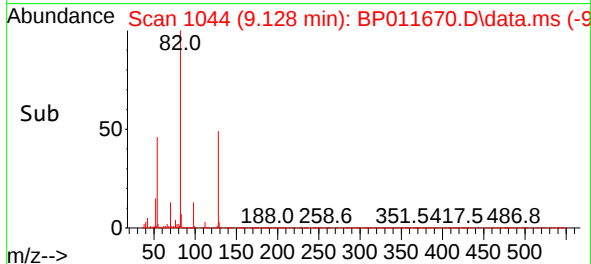
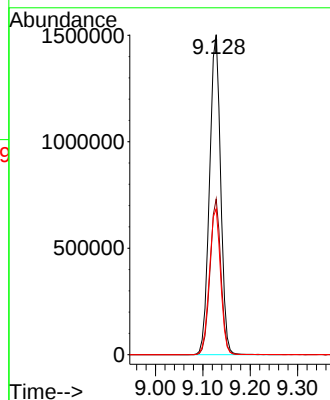
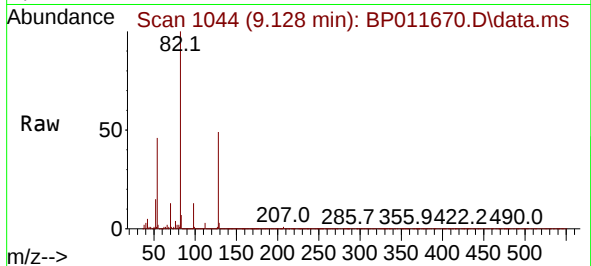




#23
Nitrobenzene-d5
Concen: 94.052 ng
RT: 9.128 min Scan# 1104
Delta R.T. -0.000 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

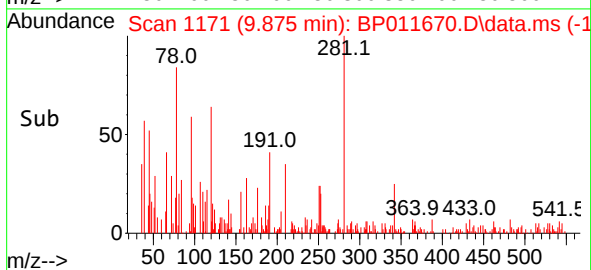
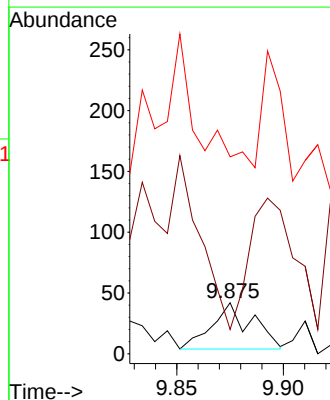
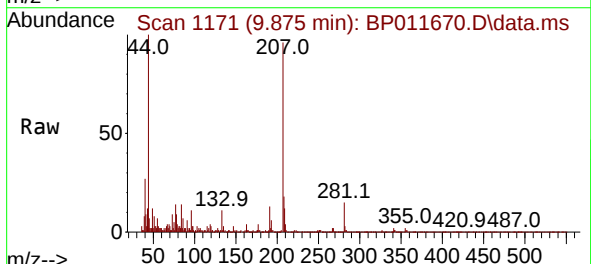
Instrument :
BNA_P
ClientSampleId :
MW-64

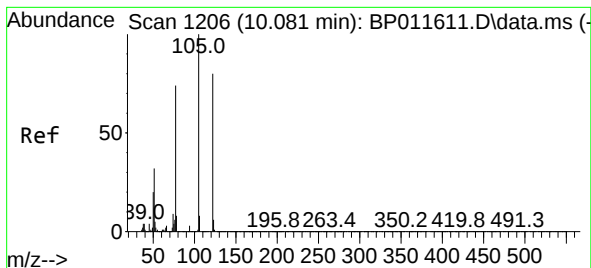
Tgt Ion: 82 Resp: 2444640
Ion Ratio Lower Upper
82 100
128 48.6 31.3 46.9#
54 45.6 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.894 ng
RT: 9.875 min Scan# 1171
Delta R.T. -0.012 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:139 Resp: 50
Ion Ratio Lower Upper
139 100
109 47.6 30.2 45.4#
65 385.7 52.2 78.2#





#32

Benzoic acid

Concen: 8.602 ng

RT: 10.099 min Scan# 11

Delta R.T. 0.035 min

Lab File: BP011670.D

Acq: 09 Sep 2022 19:06

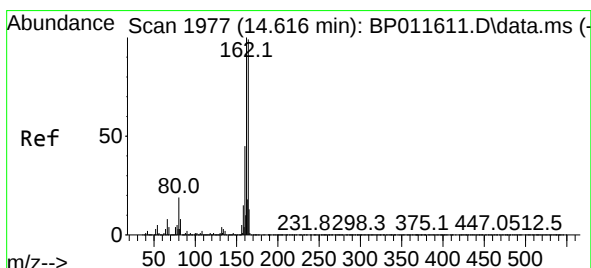
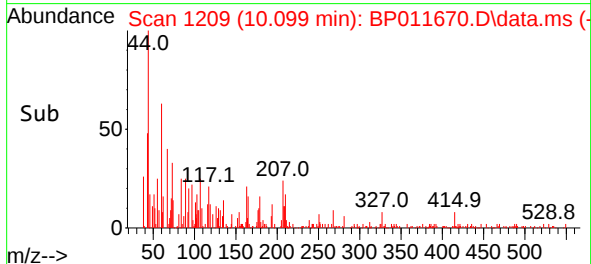
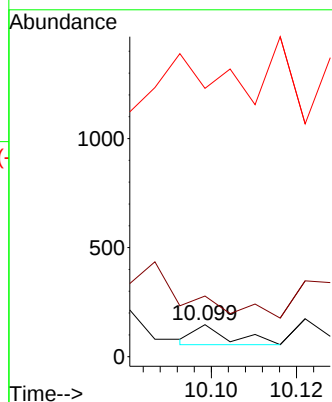
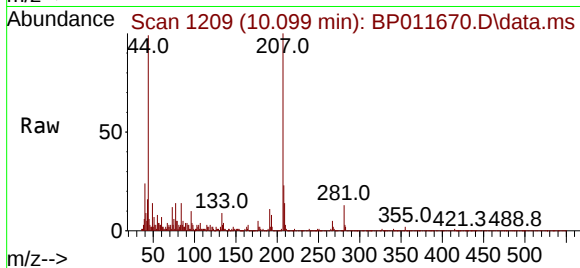
Instrument :

BNA_P

ClientSampleId :

MW-64

Tgt Ion:122	Resp:	54
Ion Ratio	Lower	Upper
122	100	
105	189.1	112.6 152.6#
77	836.7	90.2 130.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

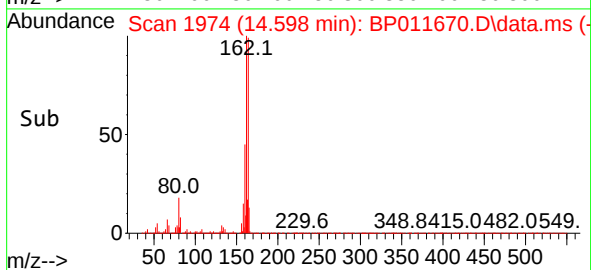
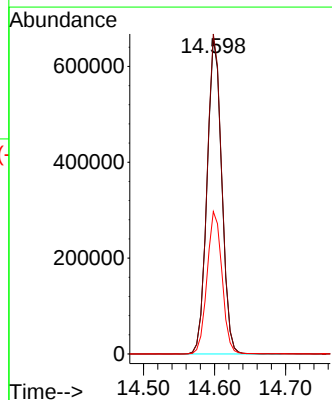
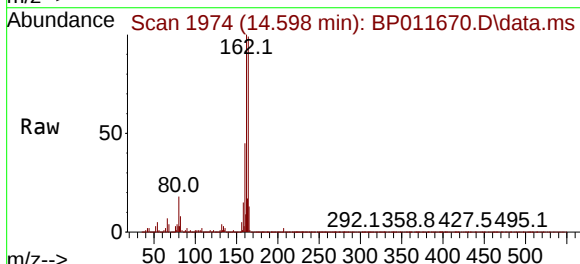
RT: 14.598 min Scan# 1974

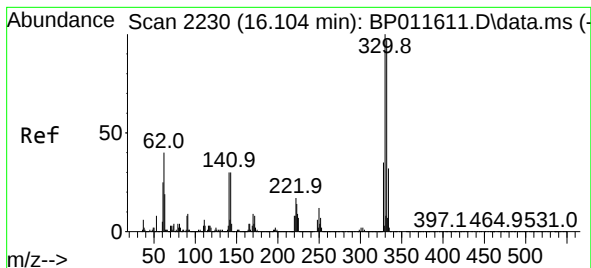
Delta R.T. -0.006 min

Lab File: BP011670.D

Acq: 09 Sep 2022 19:06

Tgt Ion:164	Resp:	946827
Ion Ratio	Lower	Upper
164	100	
162	101.3	81.9 122.9
160	45.1	34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 159.118 ng

RT: 16.092 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP011670.D

Acq: 09 Sep 2022 19:06

Instrument :

BNA_P

ClientSampleId :

MW-64

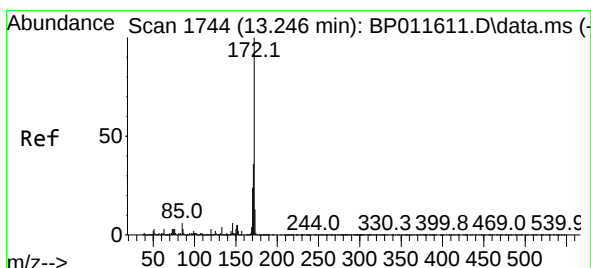
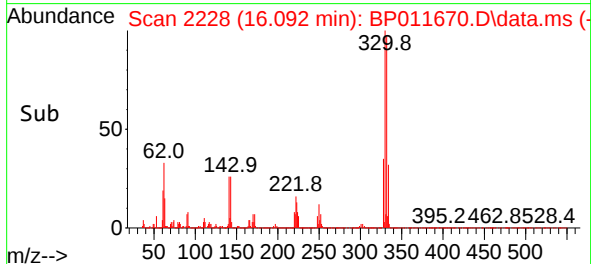
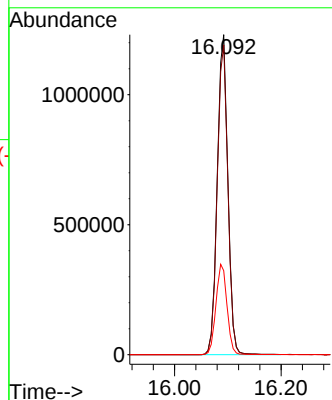
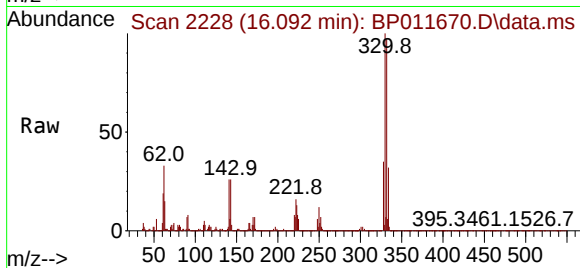
Tgt Ion:330 Resp: 1702189

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

141 29.5 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 93.007 ng

RT: 13.228 min Scan# 1741

Delta R.T. -0.000 min

Lab File: BP011670.D

Acq: 09 Sep 2022 19:06

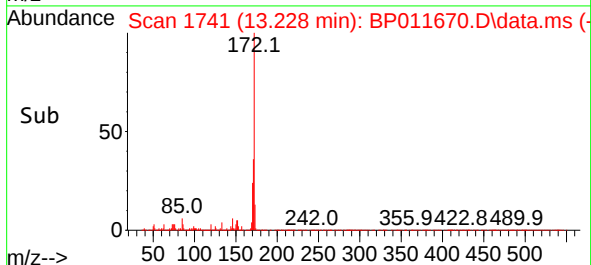
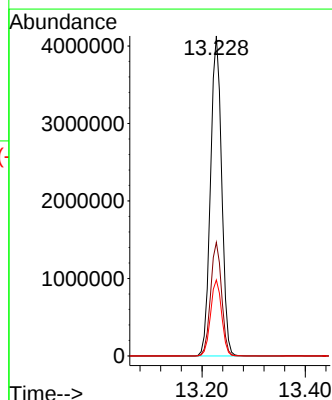
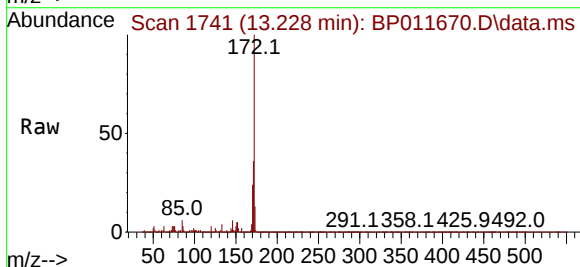
Tgt Ion:172 Resp: 6158150

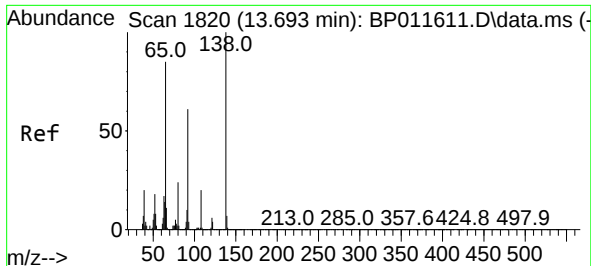
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.7 18.2 27.2

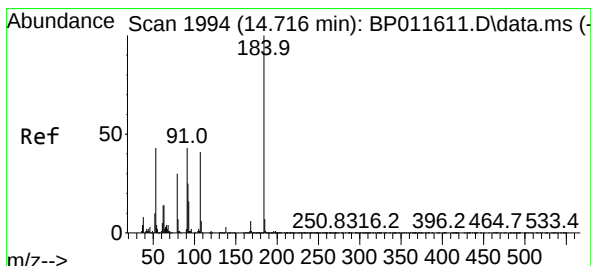
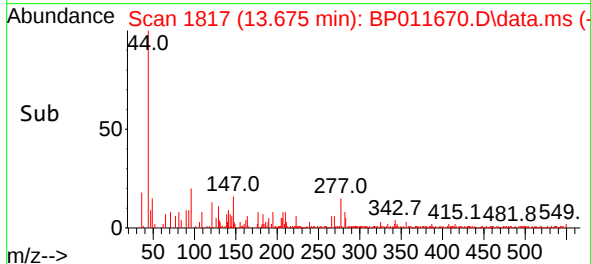
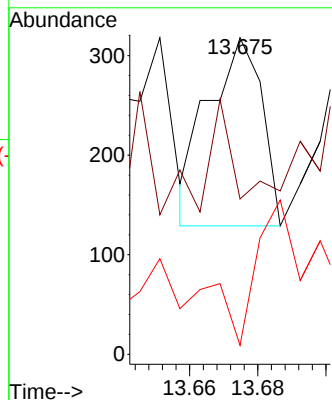
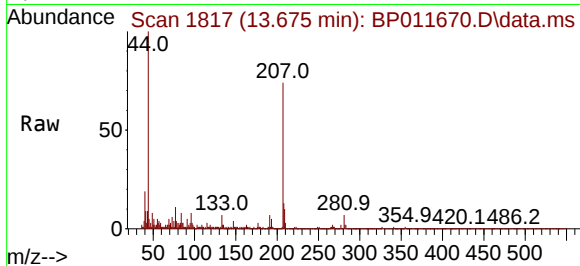




#48
2-Nitroaniline
Concen: 3.415 ng
RT: 13.675 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

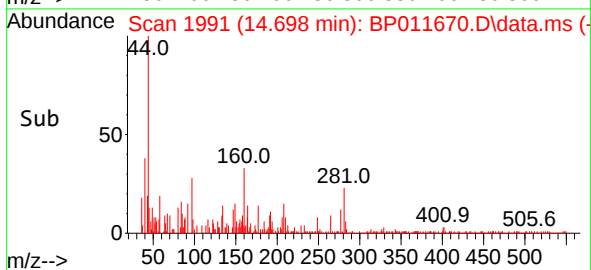
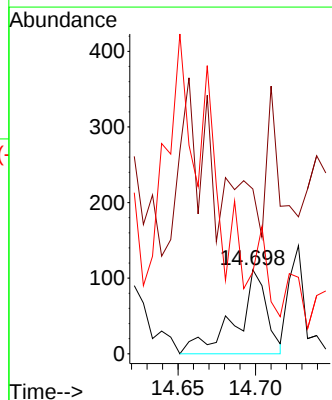
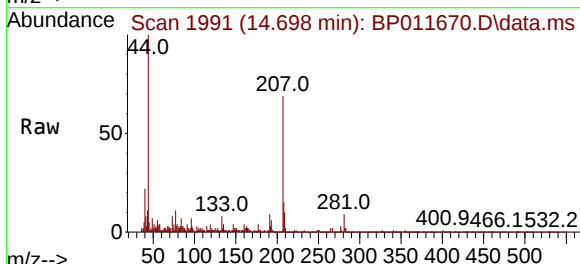
Instrument :
BNA_P
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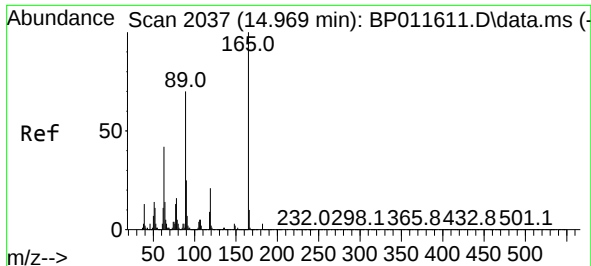
Tgt Ion: 65 Resp: 207
Ion Ratio Lower Upper
65 100
92 49.1 50.0 75.0#
138 2.8 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.477 ng
RT: 14.698 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion: 184 Resp: 151
Ion Ratio Lower Upper
184 100
63 196.4 65.4 98.2#
154 97.3 55.4 83.2#

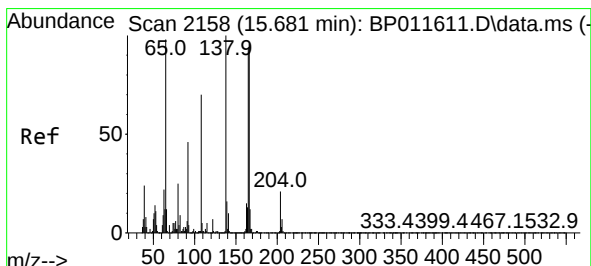
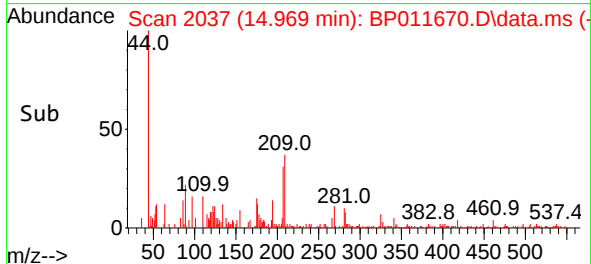
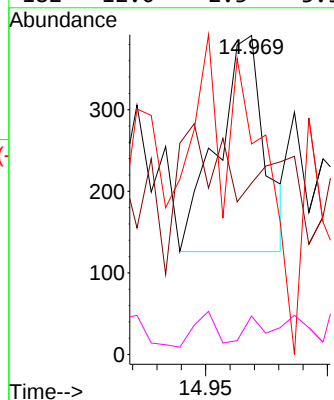
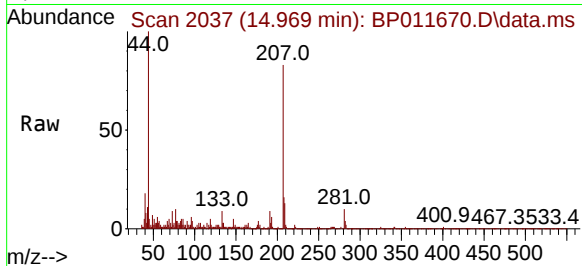




#57
2,4-Dinitrotoluene
Concen: 3.661 ng
RT: 14.969 min Scan# 2037
Delta R.T. 0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

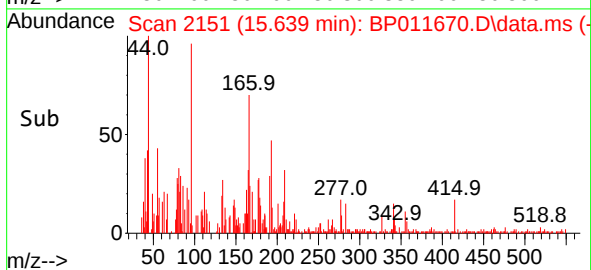
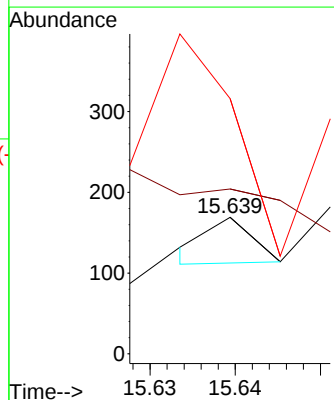
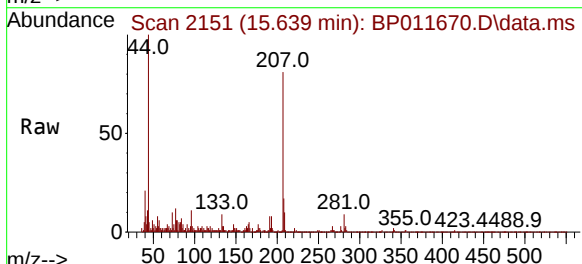
Instrument :
BNA_P
ClientSampleId :
MW-64

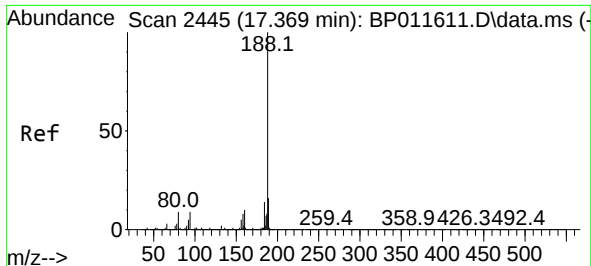
Tgt Ion:	165	Resp:	355
Ion	Ratio	Lower	Upper
165	100		
63	53.7	46.2	69.2
89	66.0	65.8	98.8
182	12.0	2.3	3.5



#62
4-Nitroaniline
Concen: 2.646 ng
RT: 15.639 min Scan# 2151
Delta R.T. -0.030 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:	138	Resp:	20
Ion	Ratio	Lower	Upper
138	100		
92	120.7	38.0	78.0
108	187.0	77.6	117.6

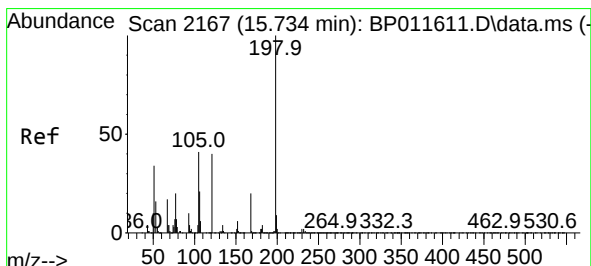
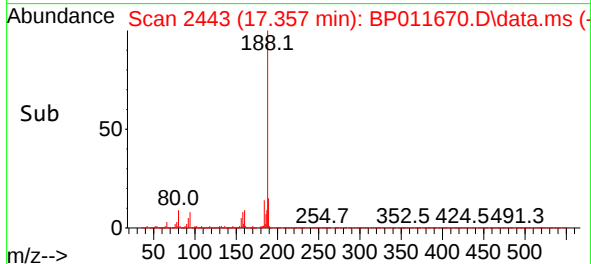
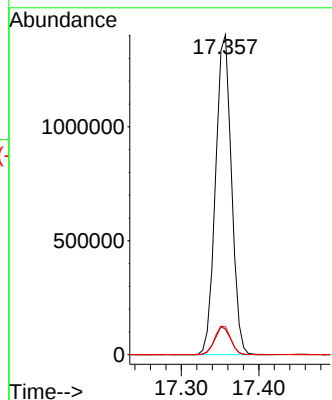
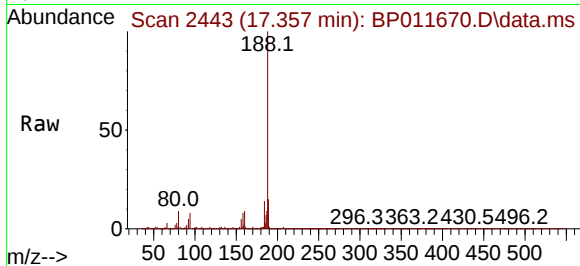




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

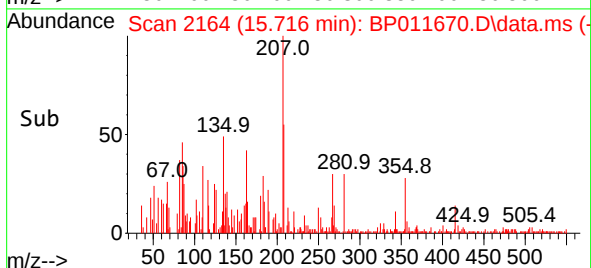
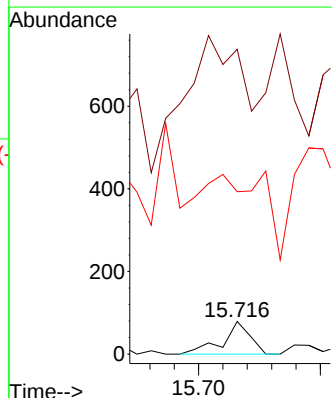
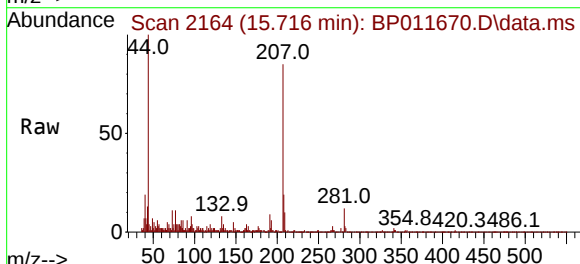
Instrument :
BNA_P
ClientSampleId :
MW-64

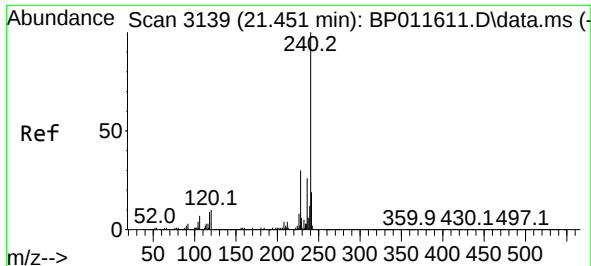
Tgt Ion:188 Resp: 1998600
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 8.7 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 7.895 ng
RT: 15.716 min Scan# 2164
Delta R.T. -0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:198 Resp: 61
Ion Ratio Lower Upper
198 100
51 934.2 41.2 81.2#
105 497.5 25.3 65.3#

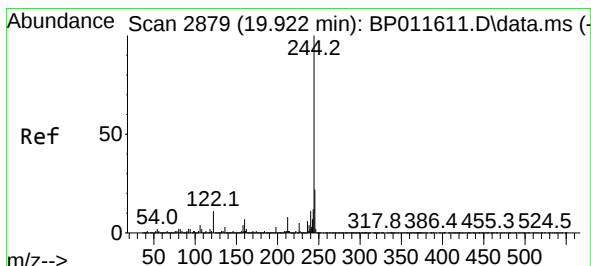
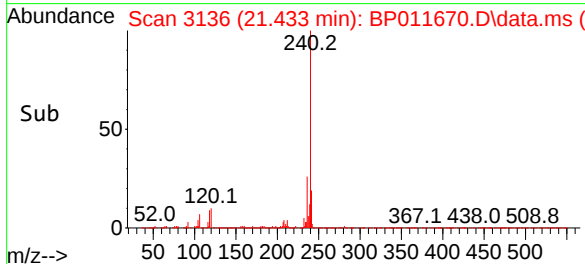
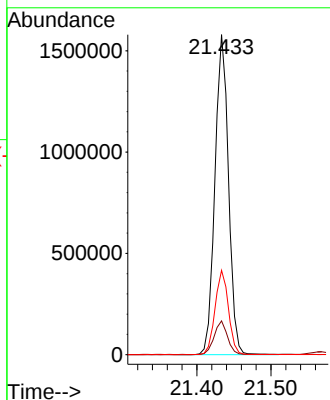
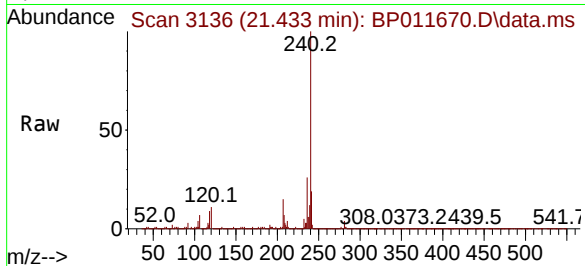




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

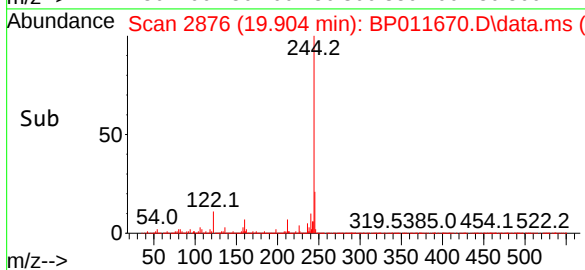
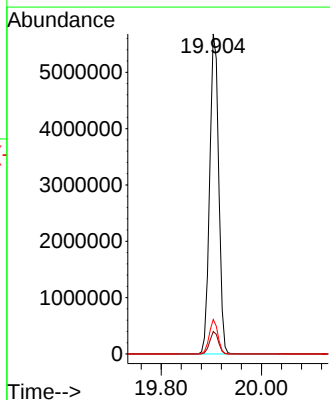
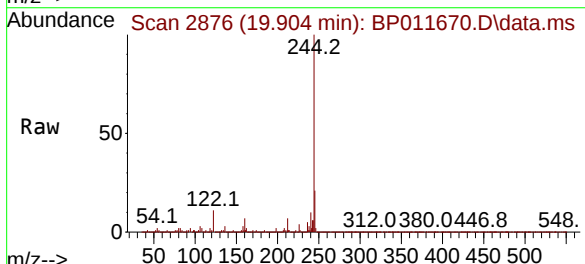
Instrument :
BNA_P
ClientSampleId :
MW-64

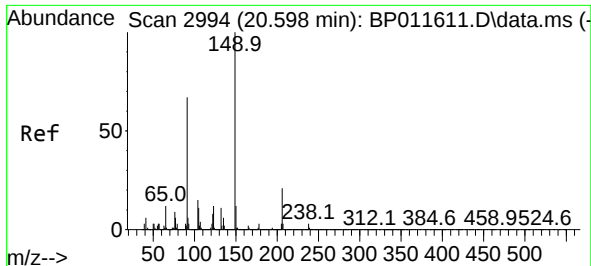
Tgt Ion:240 Resp: 2001776
Ion Ratio Lower Upper
240 100
120 10.6 8.6 12.8
236 26.3 19.8 29.6



#79
Terphenyl-d14
Concen: 74.355 ng
RT: 19.904 min Scan# 2876
Delta R.T. -0.006 min
Lab File: BP011670.D
Acq: 09 Sep 2022 19:06

Tgt Ion:244 Resp: 7106345
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.8 7.6 11.4

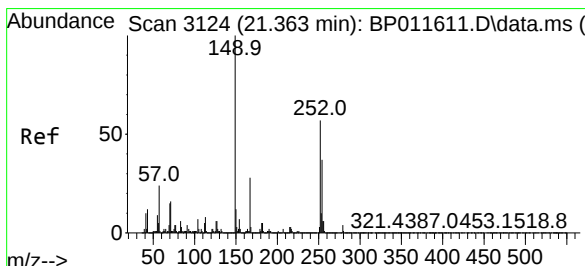
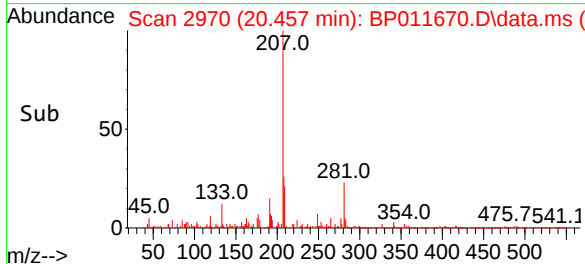
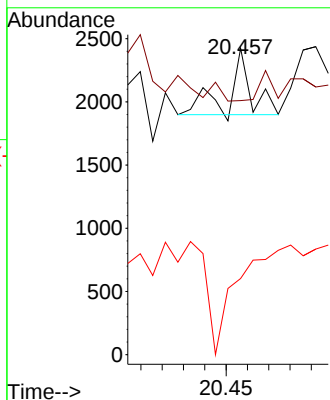
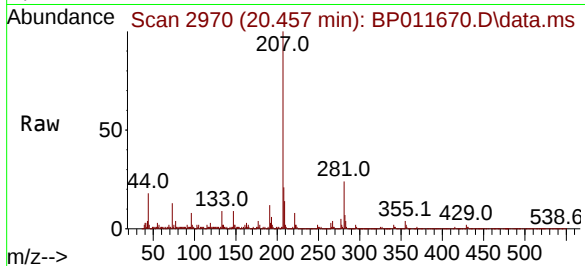




#80
 Butylbenzylphthalate
 Concen: 3.718 ng
 RT: 20.457 min Scan# 2994
 Delta R.T. -0.130 min
 Lab File: BP011670.D
 Acq: 09 Sep 2022 19:06

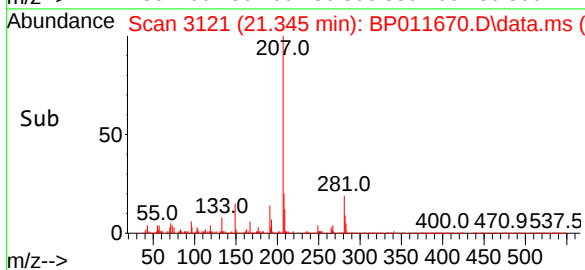
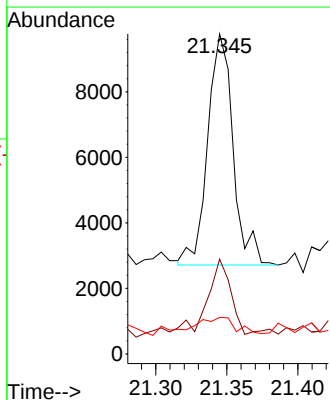
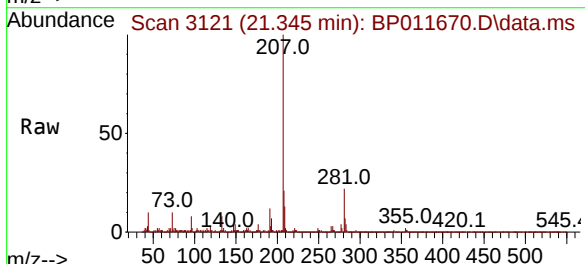
Instrument :
 BNA_P
 ClientSampleId :
 MW-64

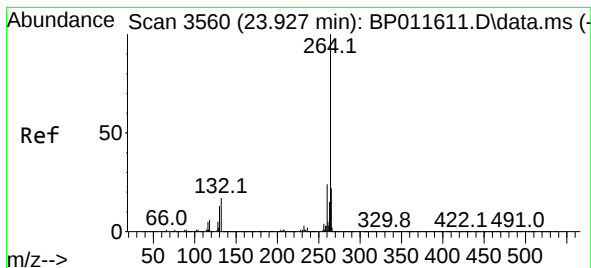
Tgt Ion:149 Resp: 379
 Ion Ratio Lower Upper
 149 100
 91 82.9 62.5 93.7
 206 24.9 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.001 ng
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BP011670.D
 Acq: 09 Sep 2022 19:06

Tgt Ion:149 Resp: 8774
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.8 32.8
 279 11.4 3.7 5.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.904 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP011670.D

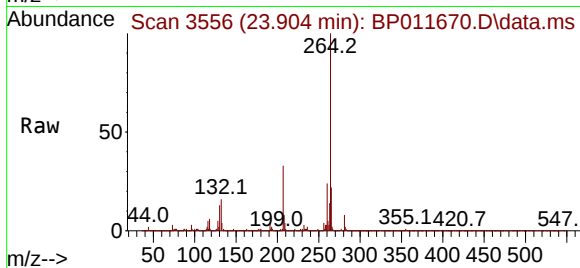
Acq: 09 Sep 2022 19:06

Instrument :

BNA_P

ClientSampleId :

MW-64



Tgt Ion:264 Resp: 2212601

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.3 18.0 27.0

