

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
 Data File : BP009694.D
 Acq On : 05 Apr 2022 12:47
 Operator : CG/JU
 Sample : N2249-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1RDL

Quant Time: Apr 05 13:41:24 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)

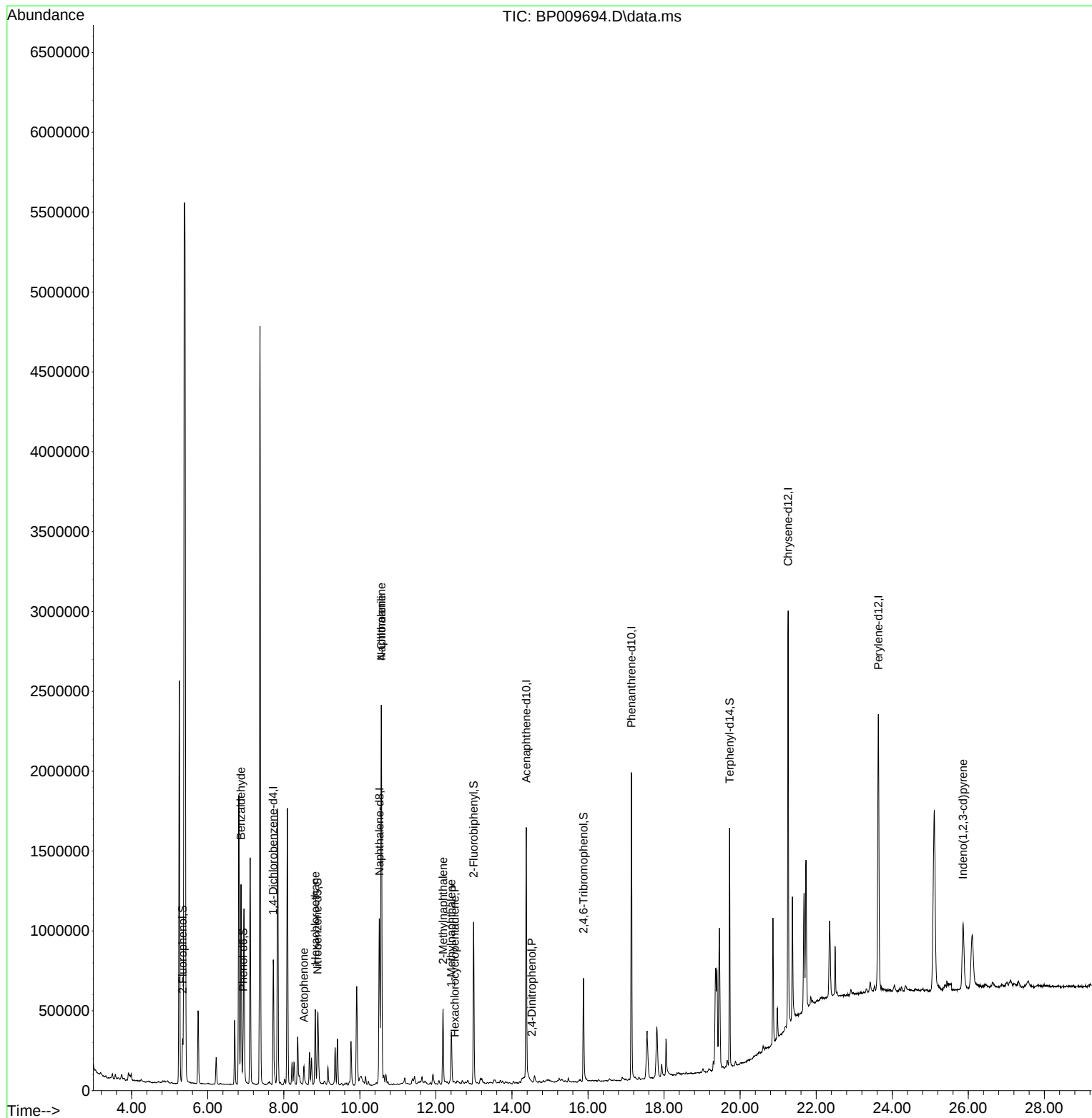
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	238549	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	940313	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	601630	20.000	ng	0.00
64) Phenanthrene-d10	17.139	188	1289186	20.000	ng	0.00
76) Chrysene-d12	21.263	240	1372251	20.000	ng	0.00
86) Perylene-d12	23.633	264	1446423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	172183	12.602	ng	0.01
7) Phenol-d6	6.928	99	186394	10.088	ng	0.01
23) Nitrobenzene-d5	8.887	82	239330	13.525	ng	0.00
42) 2,4,6-Tribromophenol	15.881	330	148056	14.913	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	601507	13.860	ng	0.00
79) Terphenyl-d14	19.722	244	761593	9.962	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.875	77	99763	8.599	ng	# 1
18) Hexachloroethane	8.828	117	58634	9.306	ng	# 1
22) Acetophenone	8.528	105	69703	2.995	ng	# 64
31) Naphthalene	10.563	128	2170887	44.820	ng	100
33) 4-Chloroaniline	10.563	127	279407	14.137	ng	# 32
37) 2-Methylnaphthalene	12.187	142	262814	7.733	ng	100
38) 1-Methylnaphthalene	12.404	142	153723	4.643	ng	99
41) Hexachlorocyclopentadiene	12.493	237	12	7.290	ng	84
54) 2,4-Dinitrophenol	14.522	184	57	4.542	ng	# 9
87) Indeno(1,2,3-cd)pyrene	25.862	276	583437	5.317	ng	# 92

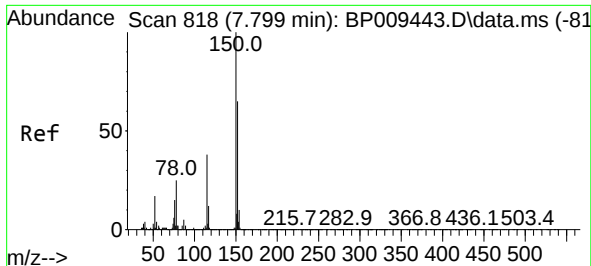
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040522\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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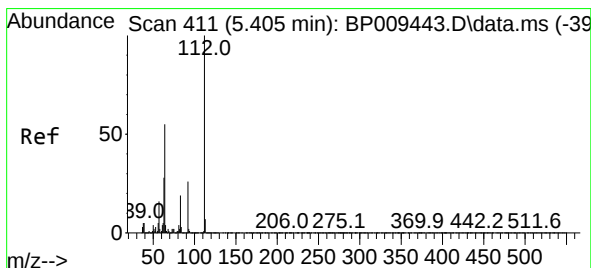
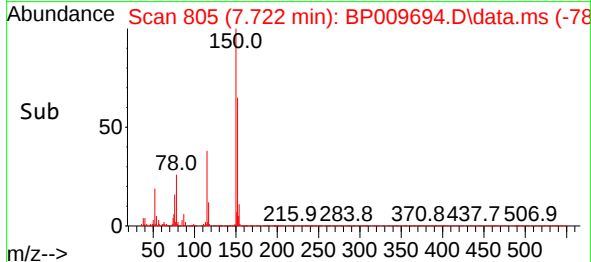
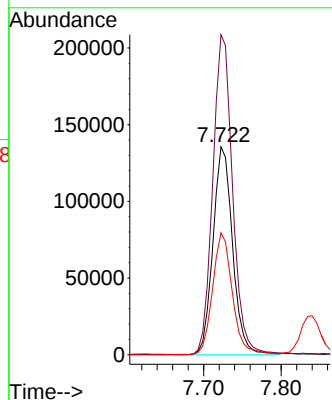
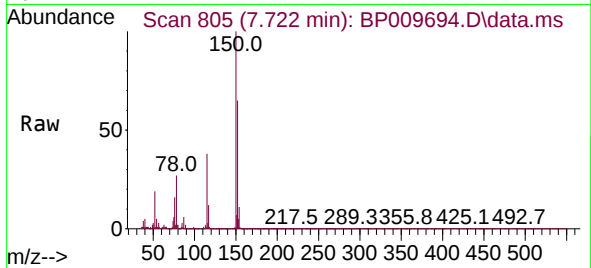




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

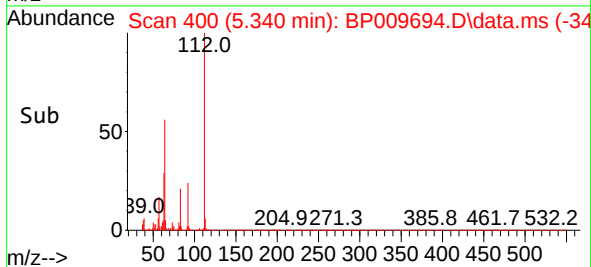
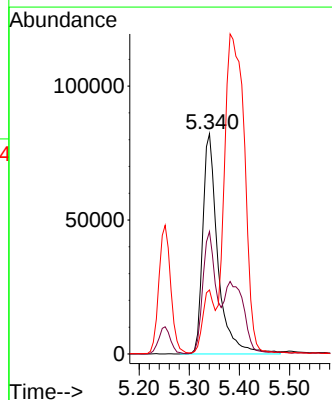
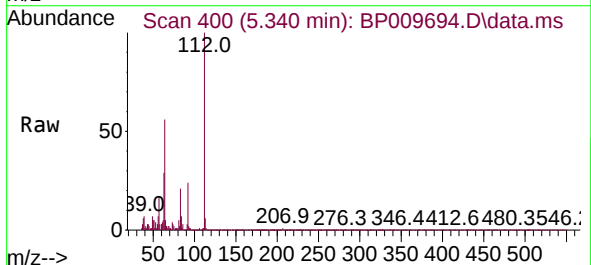
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

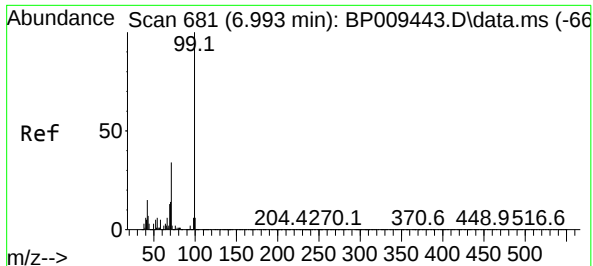
Tgt Ion:152 Resp: 238549
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 12.602 ng
RT: 5.340 min Scan# 400
Delta R.T. 0.012 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:112 Resp: 172183
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 29.1 23.0 34.6

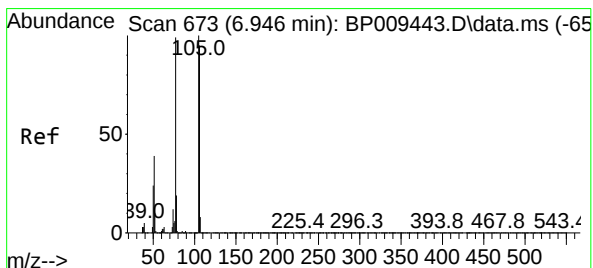
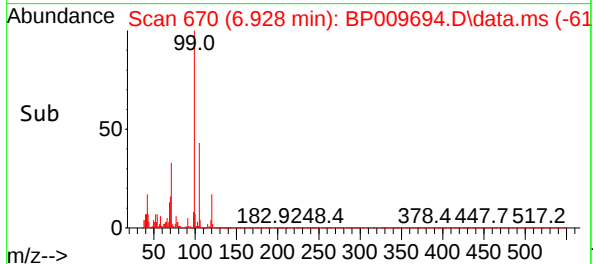
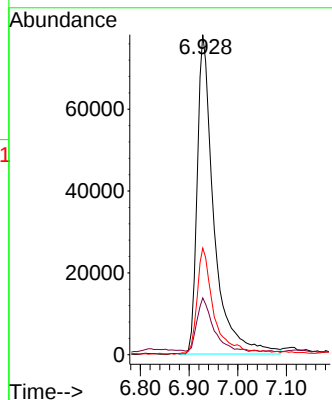
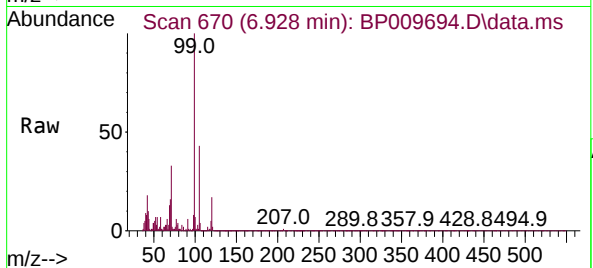




#7
Phenol-d6
Concen: 10.088 ng
RT: 6.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

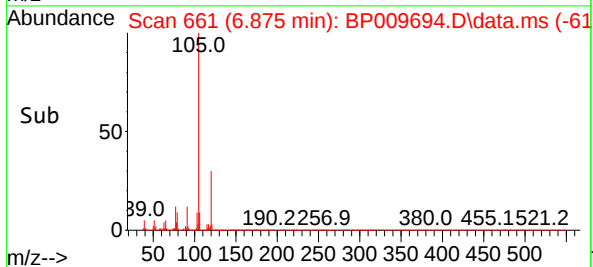
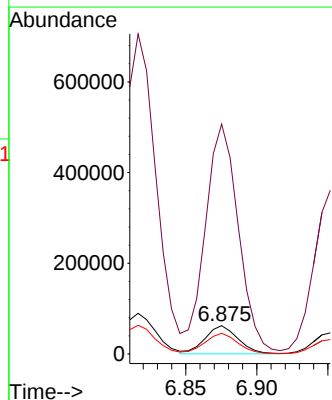
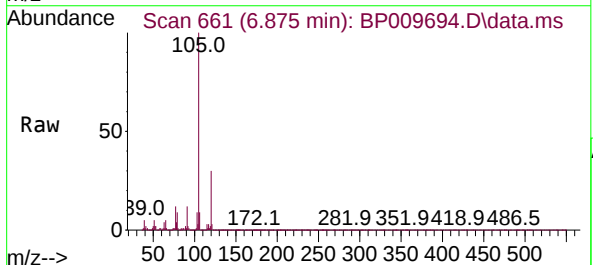
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

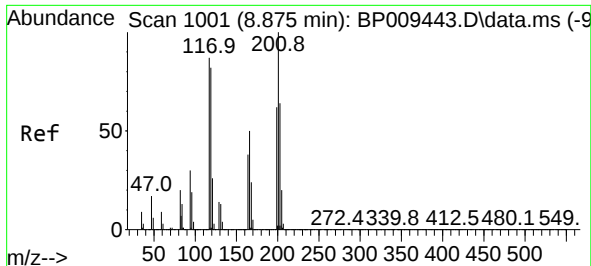
Tgt Ion: 99 Resp: 186394
Ion Ratio Lower Upper
99 100
42 17.8 12.8 19.2
71 33.3 26.3 39.5



#9
Benzaldehyde
Concen: 8.599 ng
RT: 6.875 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion: 77 Resp: 99763
Ion Ratio Lower Upper
77 100
105 813.4 75.2 115.2#
106 72.8 72.3 112.3

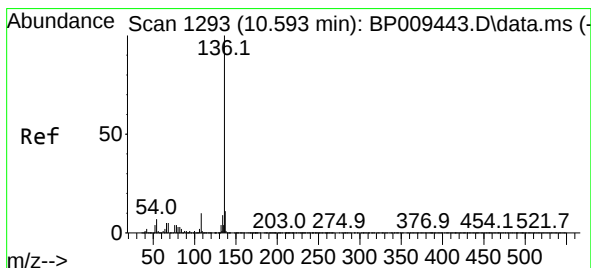
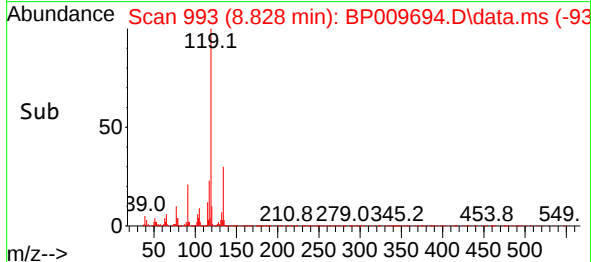
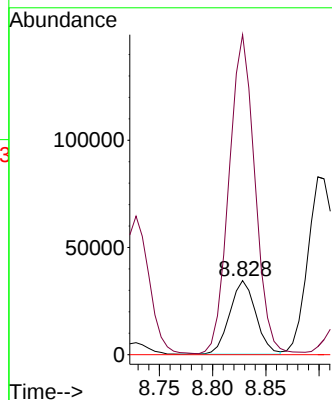
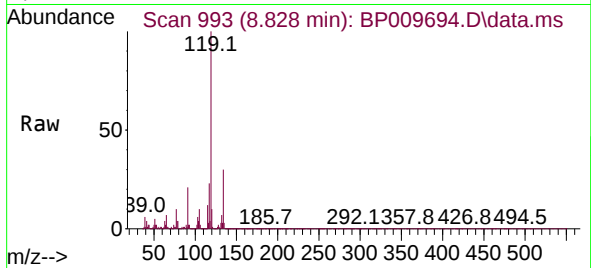




#18
Hexachloroethane
Concen: 9.306 ng
RT: 8.828 min Scan# 91
Delta R.T. 0.035 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

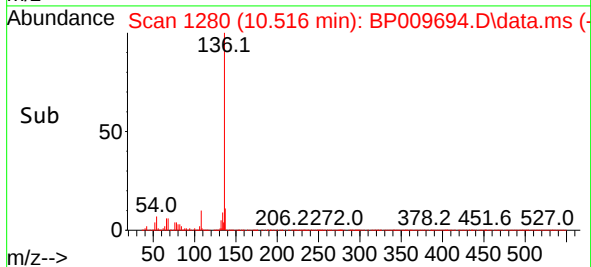
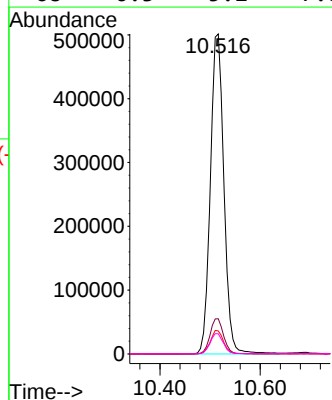
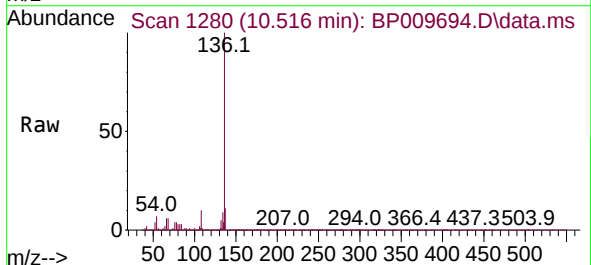
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

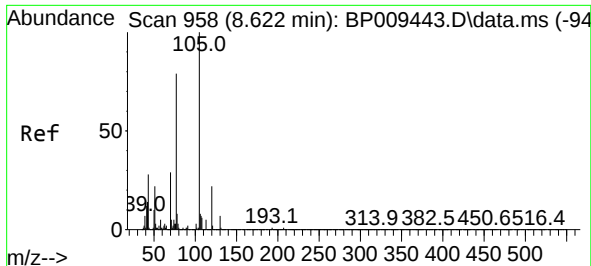
Tgt Ion:117 Resp: 58634
Ion Ratio Lower Upper
117 100
119 431.9 76.4 114.6#
201 0.0 83.4 125.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:136 Resp: 940313
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 5.8 8.8
68 6.3 5.2 7.8

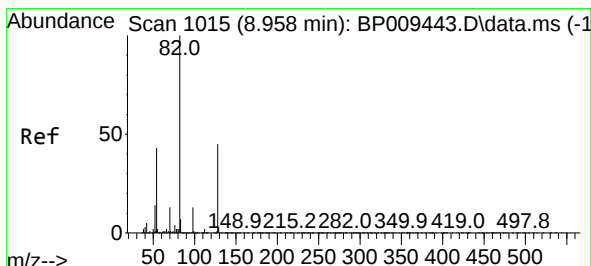
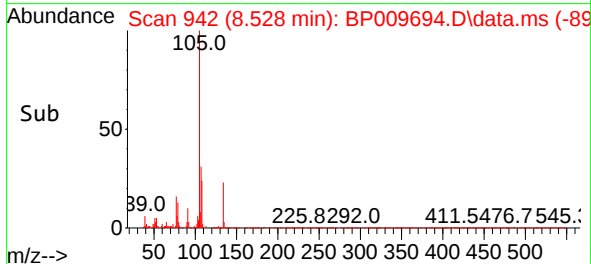
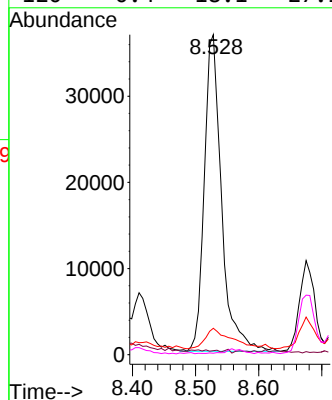
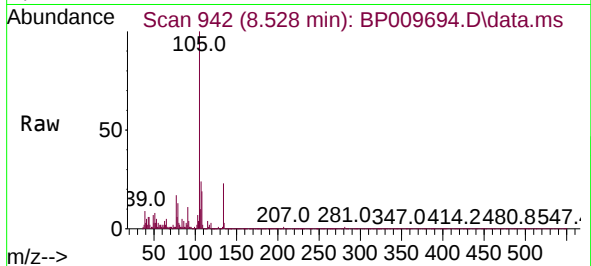




#22
Acetophenone
Concen: 2.995 ng
RT: 8.528 min Scan# 94
Delta R.T. -0.024 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

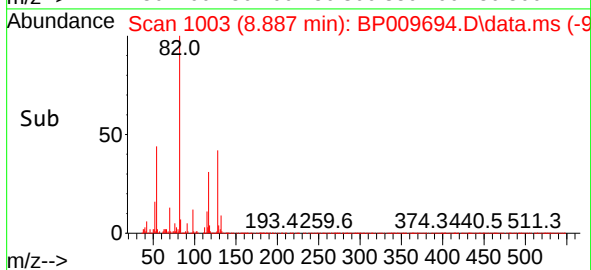
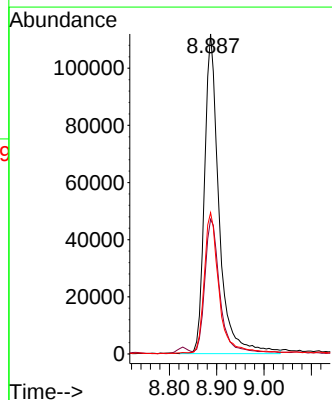
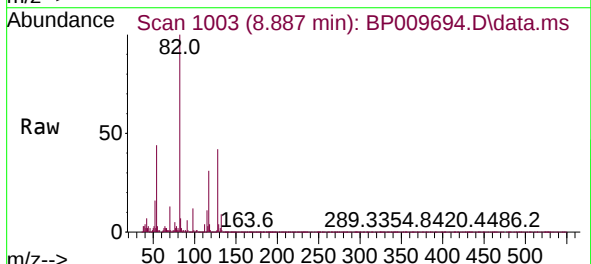
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

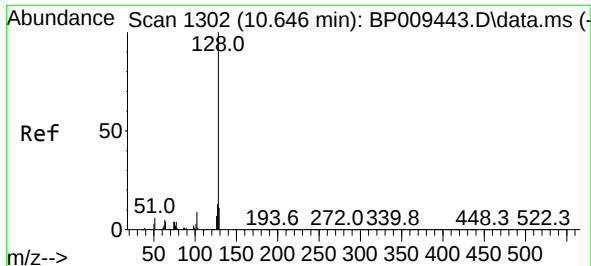
Tgt Ion:105 Resp: 69703
Ion Ratio Lower Upper
105 100
71 1.3 5.5 8.3#
51 8.2 18.9 28.3#
120 0.4 18.1 27.1#



#23
Nitrobenzene-d5
Concen: 13.525 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion: 82 Resp: 239330
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 44.1 34.7 52.1

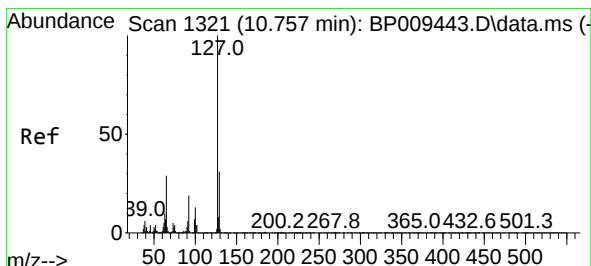
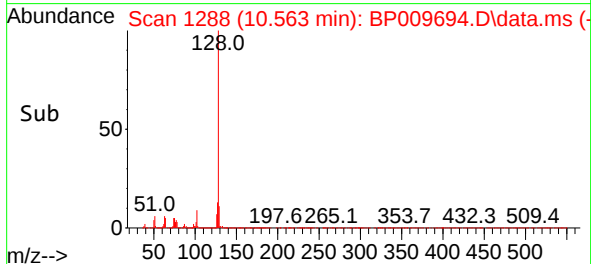
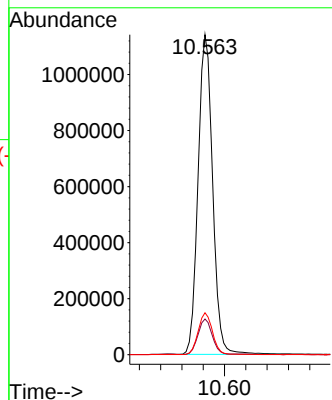
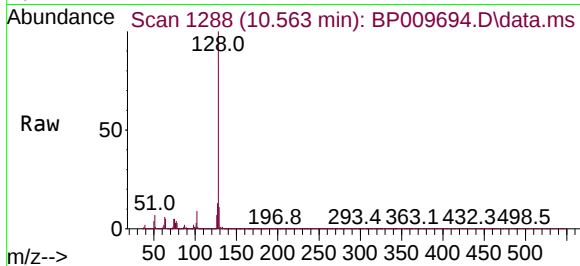




#31
Naphthalene
Concen: 44.820 ng
RT: 10.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

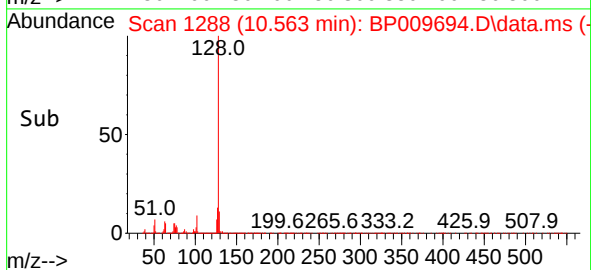
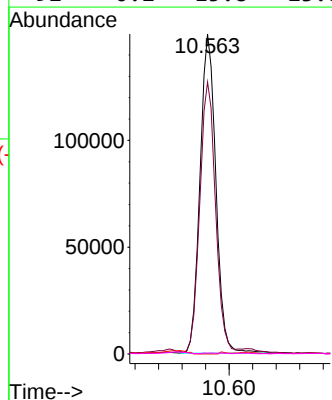
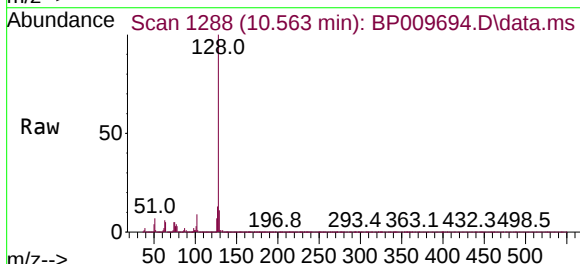
Instrument :
BNA_P
ClientSampleId :
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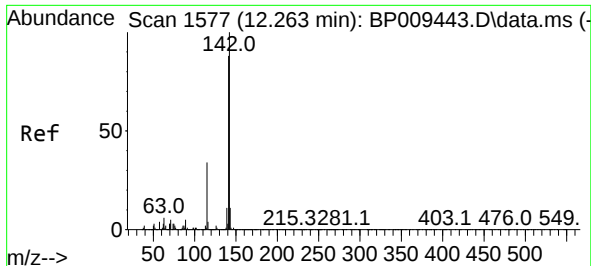
Tgt Ion:128 Resp: 2170887
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.1 10.5 15.7



#33
4-Chloroaniline
Concen: 14.137 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.124 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:127 Resp: 279407
Ion Ratio Lower Upper
127 100
129 85.0 25.5 38.3#
65 0.0 24.3 36.5#
92 0.2 15.8 23.8#

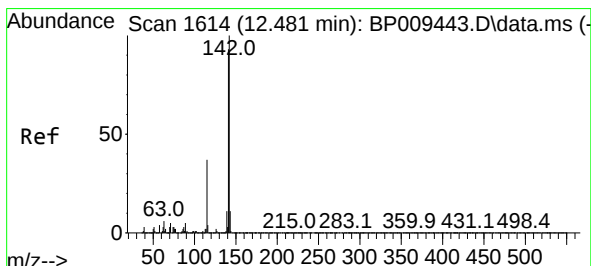
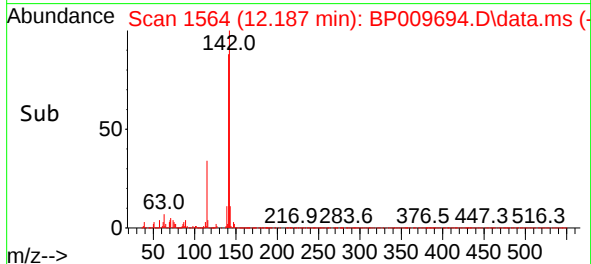
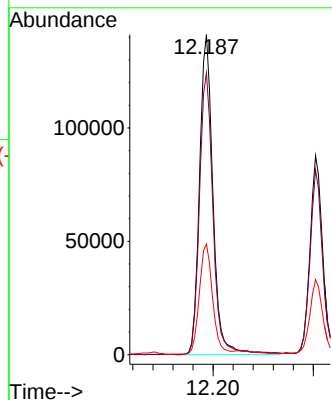
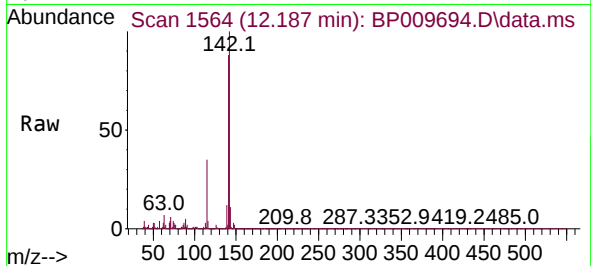




#37
2-Methylnaphthalene
Concen: 7.733 ng
RT: 12.187 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

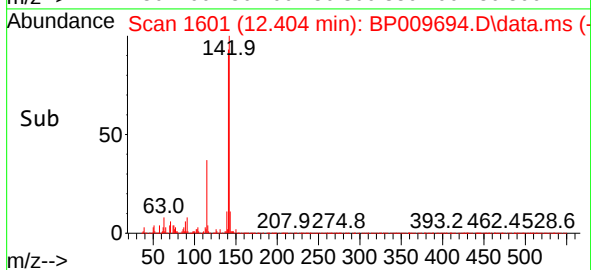
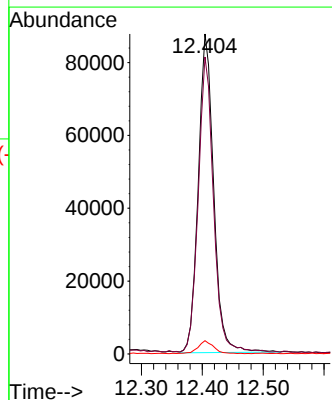
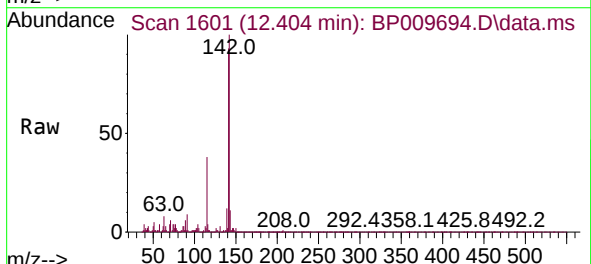
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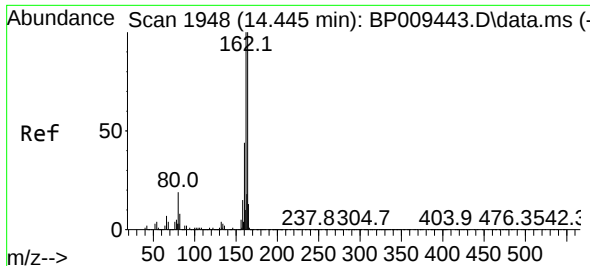
Tgt Ion:142 Resp: 262814
Ion Ratio Lower Upper
142 100
141 88.0 70.2 105.4
115 34.6 27.4 41.2



#38
1-Methylnaphthalene
Concen: 4.643 ng
RT: 12.404 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:142 Resp: 153723
Ion Ratio Lower Upper
142 100
141 92.8 73.5 110.3
116 4.1 3.3 4.9

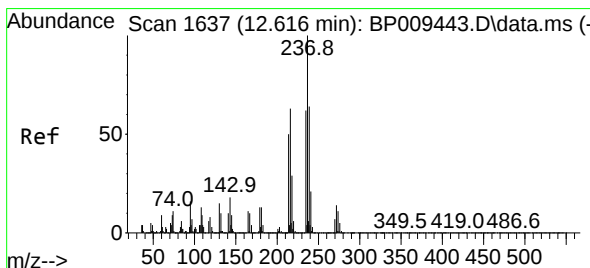
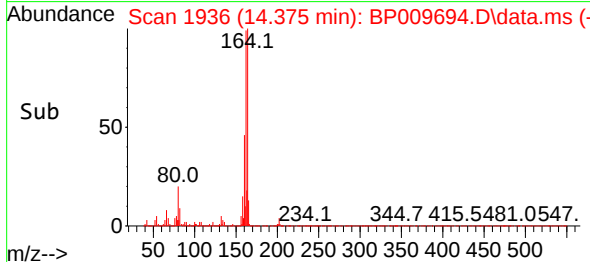
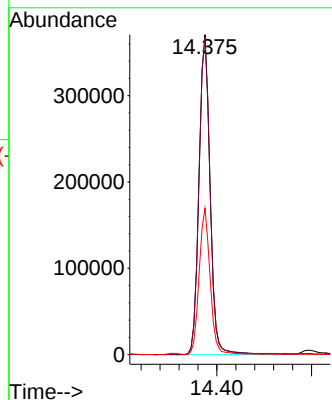
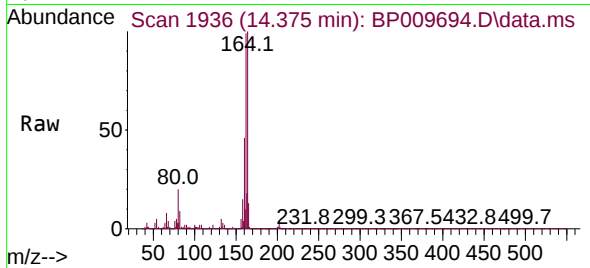




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

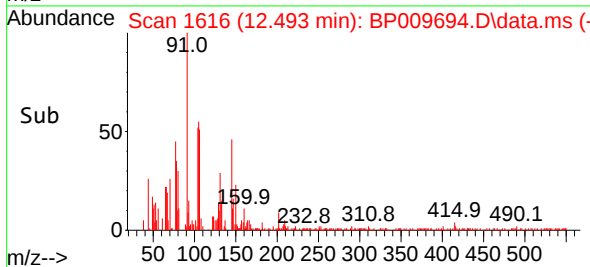
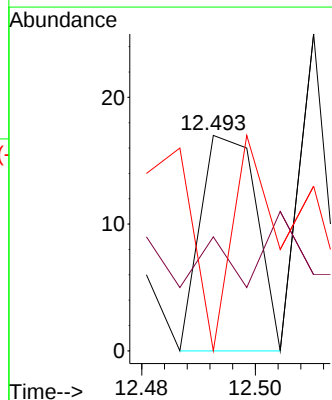
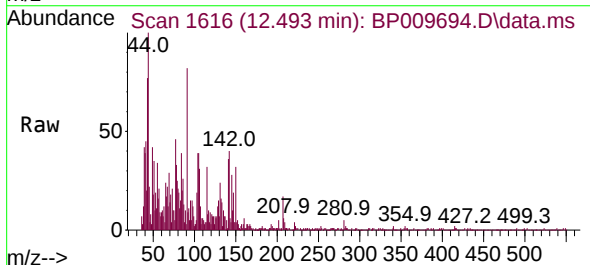
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

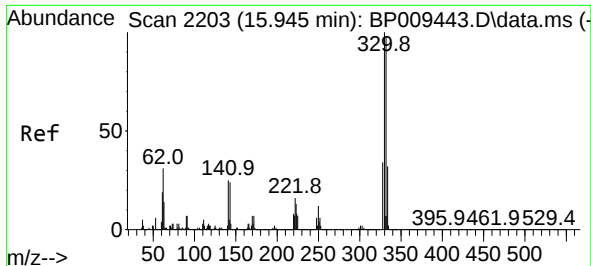
Tgt Ion:164 Resp: 601630
Ion Ratio Lower Upper
164 100
162 99.2 79.1 118.7
160 45.7 34.9 52.3



#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.041 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:237 Resp: 12
Ion Ratio Lower Upper
237 100
235 52.9 42.6 82.6
272 0.0 0.0 32.8

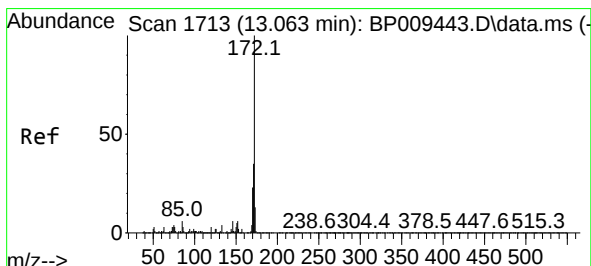
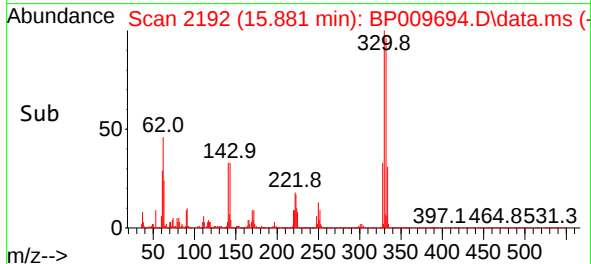
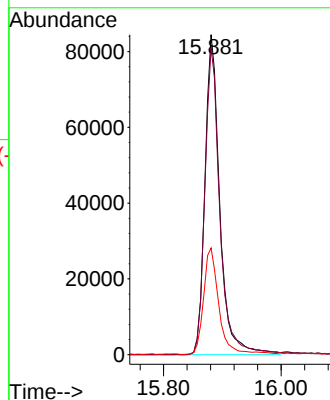
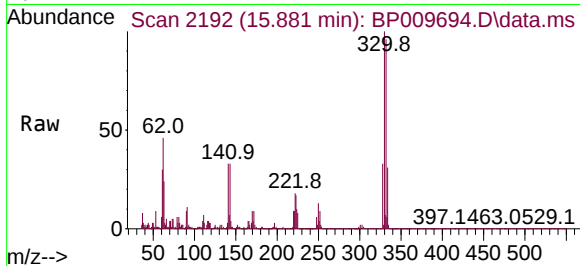




#42
2,4,6-Tribromophenol
Concen: 14.913 ng
RT: 15.881 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

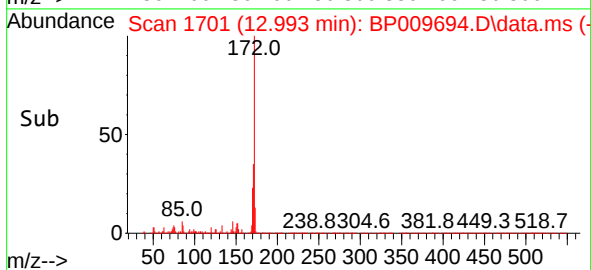
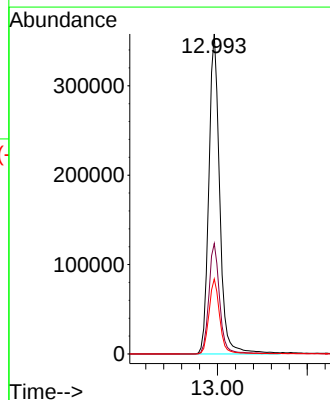
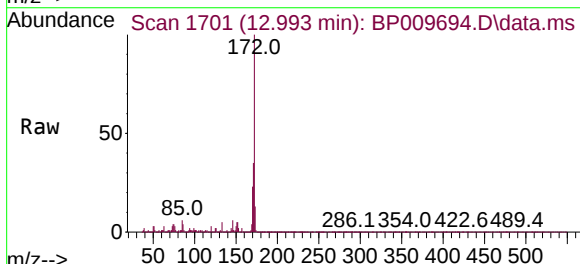
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

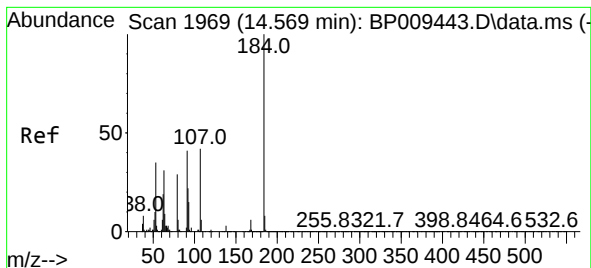
Tgt Ion:330 Resp: 148056
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 34.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 13.860 ng
RT: 12.993 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:172 Resp: 601507
Ion Ratio Lower Upper
172 100
171 34.5 28.0 42.0
170 23.4 18.6 27.8

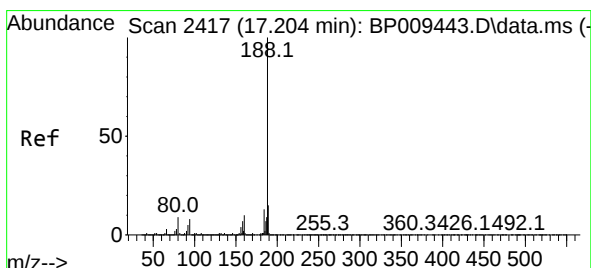
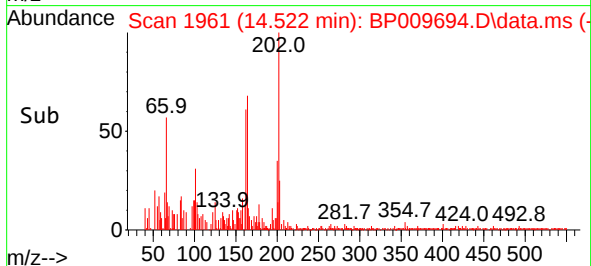
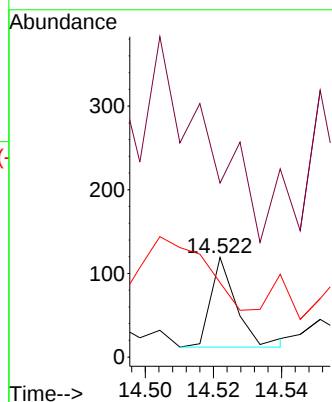
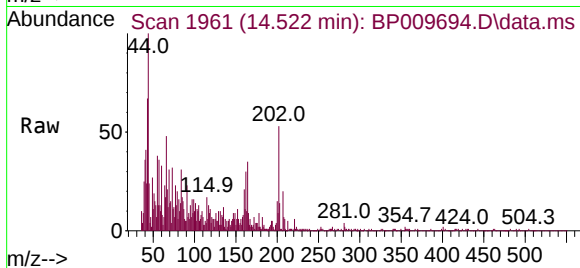




#54
2,4-Dinitrophenol
Concen: 4.542 ng
RT: 14.522 min Scan# 14
Delta R.T. -0.006 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

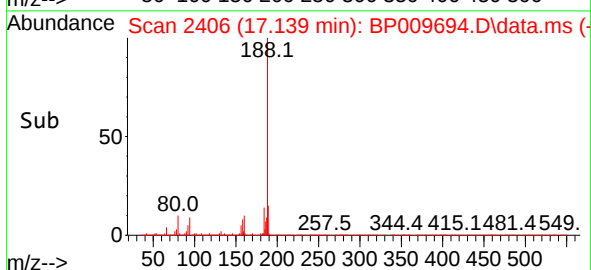
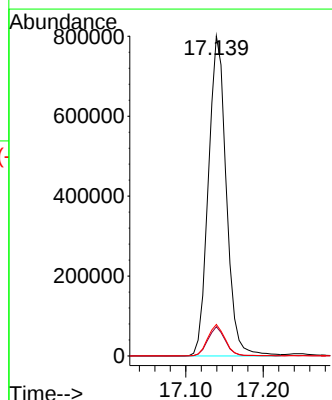
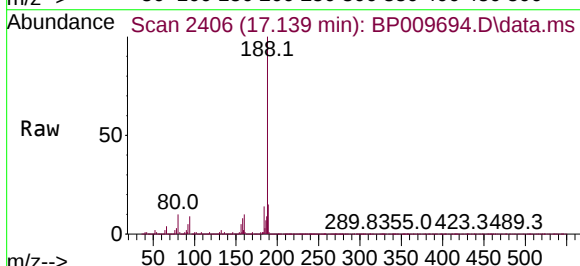
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

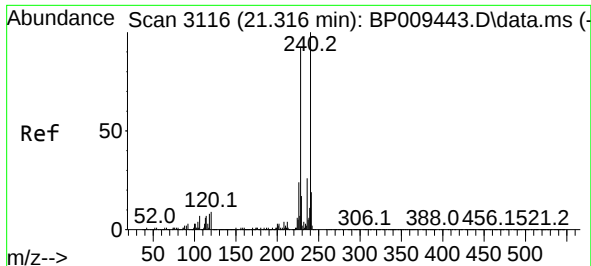
Tgt Ion:184 Resp: 57
Ion Ratio Lower Upper
184 100
63 174.8 46.3 69.5#
154 74.8 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:188 Resp: 1289186
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.9 8.8 13.2

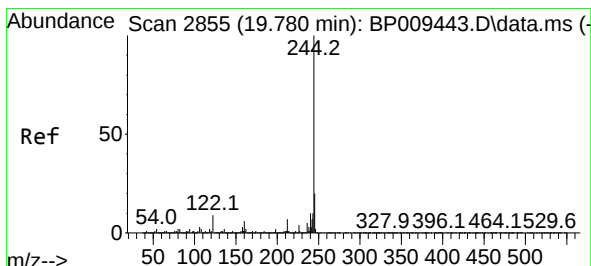
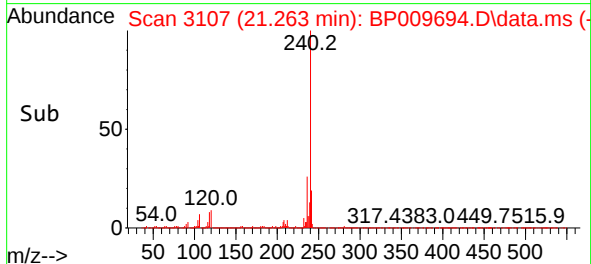
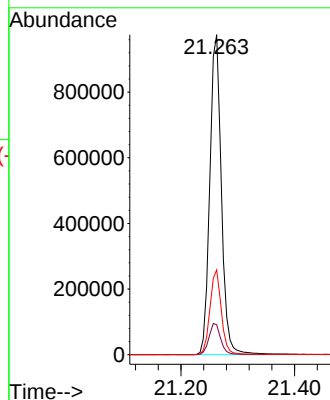
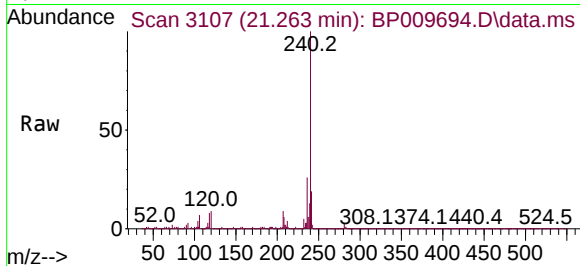




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

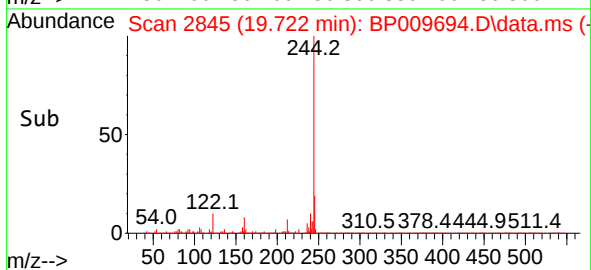
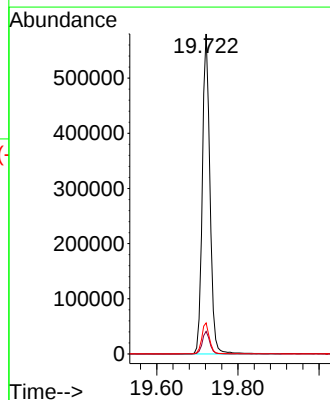
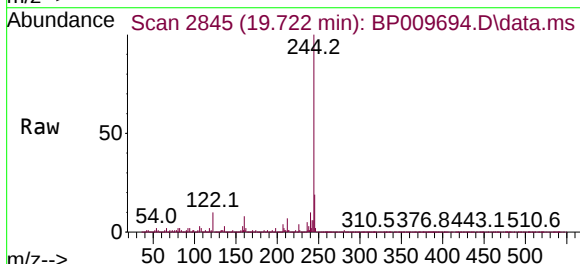
Instrument :
BNA_P
ClientSampleId :
MW-1RDL

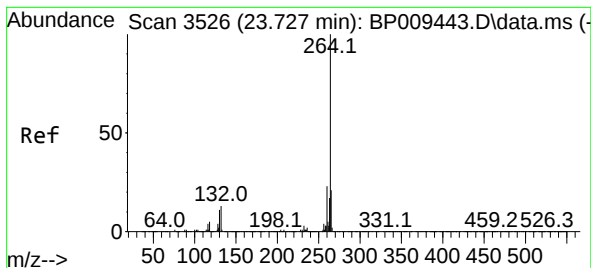
Tgt Ion:240 Resp: 1372251
Ion Ratio Lower Upper
240 100
120 9.4 9.0 13.4
236 26.5 20.6 30.8



#79
Terphenyl-d14
Concen: 9.962 ng
RT: 19.722 min Scan# 2845
Delta R.T. 0.000 min
Lab File: BP009694.D
Acq: 05 Apr 2022 12:47

Tgt Ion:244 Resp: 761593
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 9.7 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: BP009694.D

Acq: 05 Apr 2022 12:47

Instrument :

BNA_P

ClientSampleId :

MW-1RDL

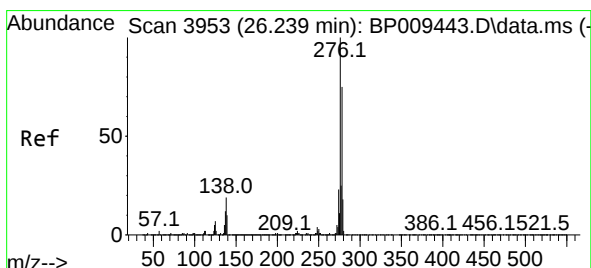
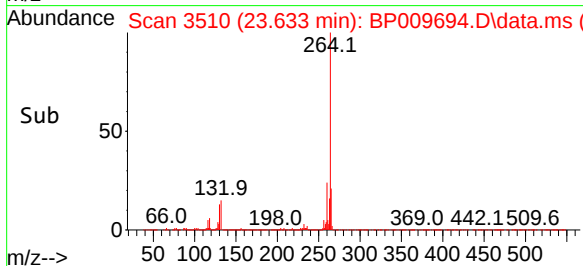
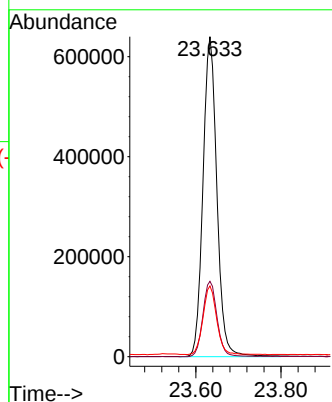
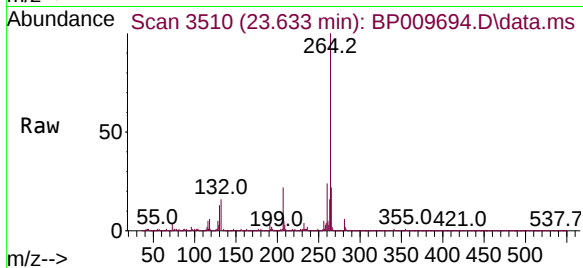
Tgt Ion:264 Resp: 1446423

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.0

265 22.1 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.317 ng

RT: 25.862 min Scan# 3889

Delta R.T. -0.241 min

Lab File: BP009694.D

Acq: 05 Apr 2022 12:47

Tgt Ion:276 Resp: 583437

Ion Ratio Lower Upper

276 100

138 19.2 20.5 30.7#

277 23.8 20.4 30.6

