

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009218.D
 Acq On : 18 Feb 2022 17:35
 Operator : CG/JU
 Sample : N1573-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-25R

Quant Time: Feb 19 00:49:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

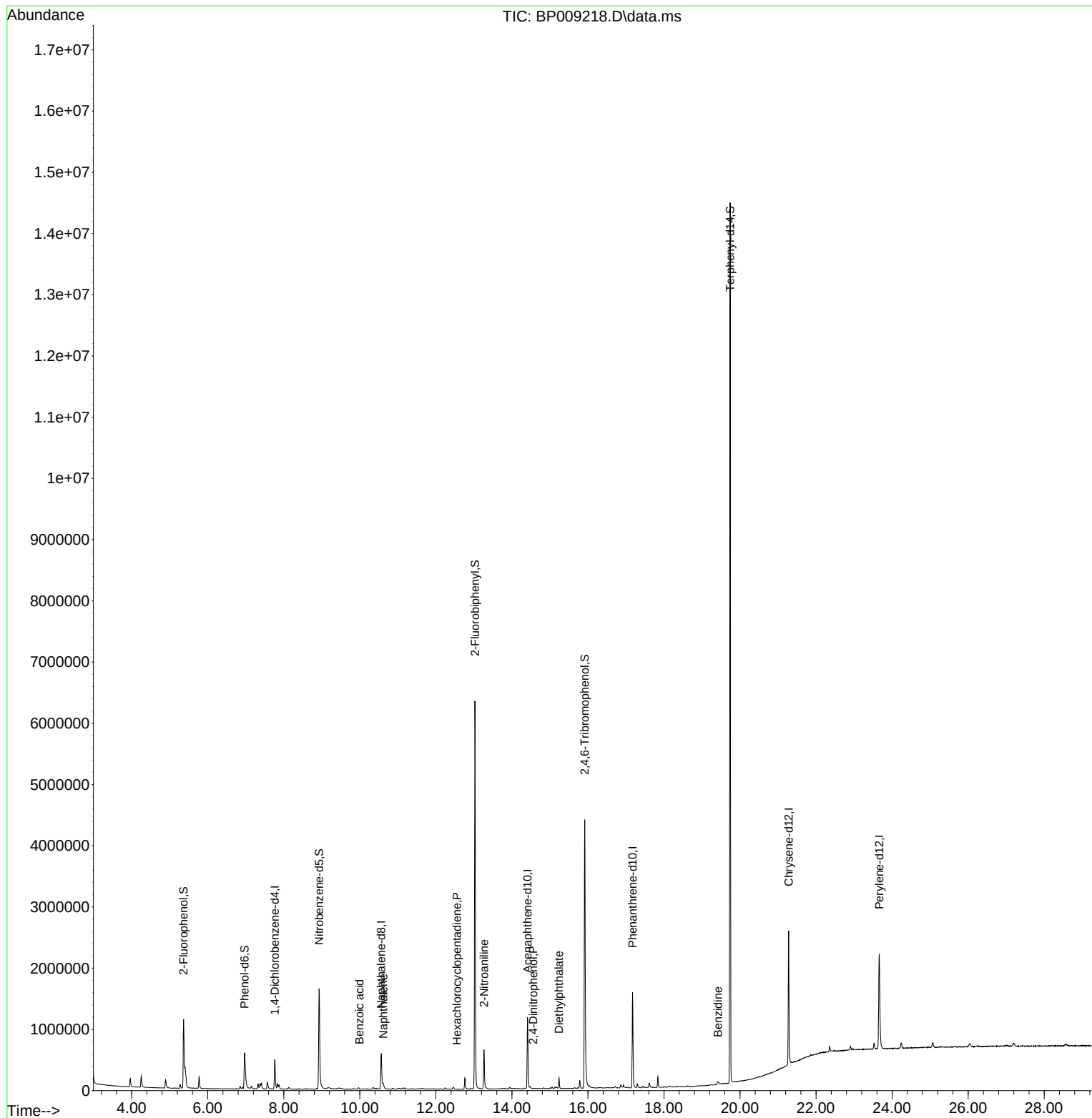
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	158117	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	625571	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	467145	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1085274	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1300060	20.000	ng	0.00
86) Perylene-d12	23.662	264	1361410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	736584	83.098	ng	0.00
7) Phenol-d6	6.969	99	563433	48.240	ng	0.00
23) Nitrobenzene-d5	8.928	82	1236825	111.497	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1174684	188.334	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3590440	107.595	ng	0.00
79) Terphenyl-d14	19.739	244	7106625	98.304	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.616	128	73409	2.301	ng	99
32) Benzoic acid	9.992	122	36	2.695	ng	# 1
41) Hexachlorocyclopentadiene	12.557	237	23	8.660	ng	96
48) 2-Nitroaniline	13.269	65	18597	2.943	ng	# 6
54) 2,4-Dinitrophenol	14.563	184	32	2.177	ng	# 1
60) Diethylphthalate	15.239	149	97508	3.097	ng	97
77) Benzidine	19.415	184	60652	2.233	ng	97

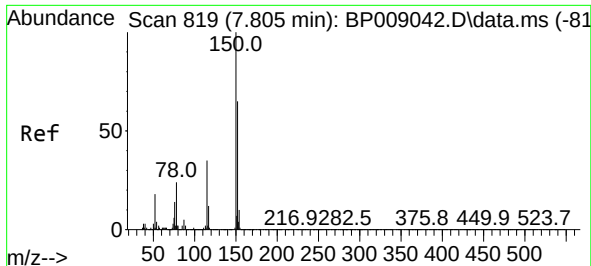
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
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Response via : Initial Calibration

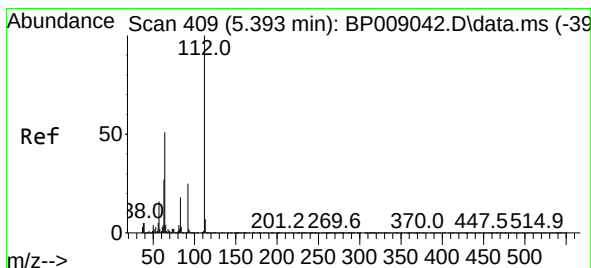
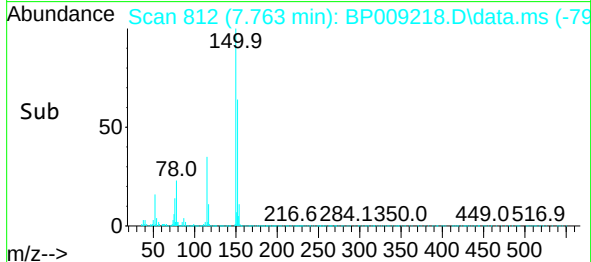
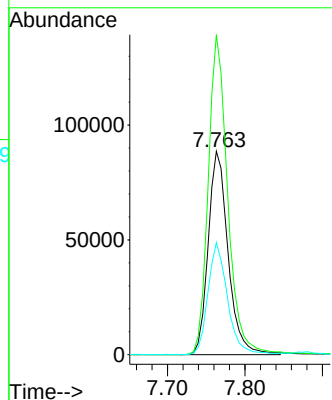
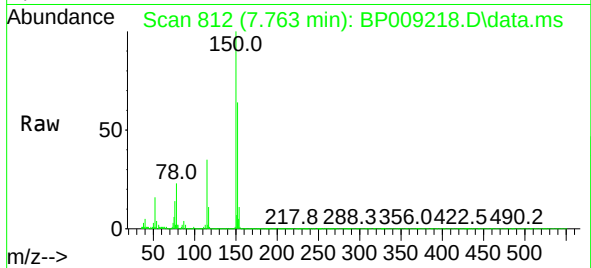




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

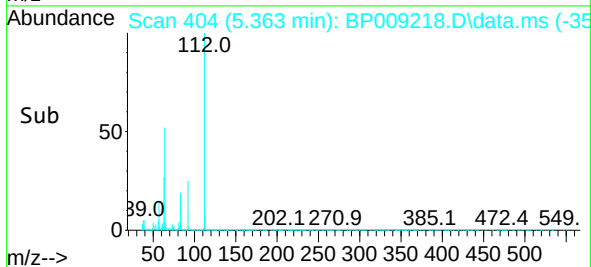
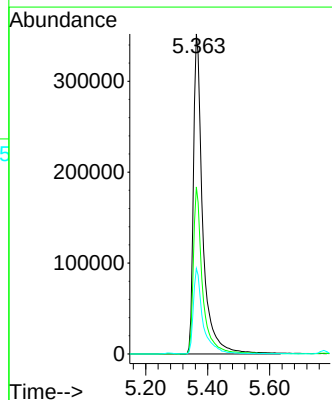
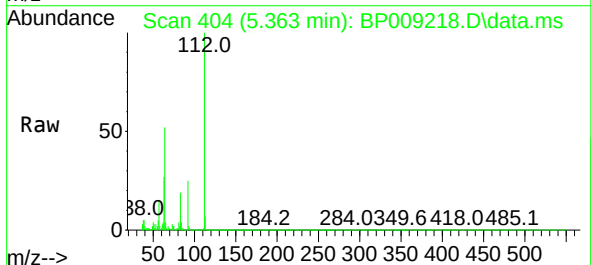
Instrument :
BNA_P
ClientSampleId :
MW-25R

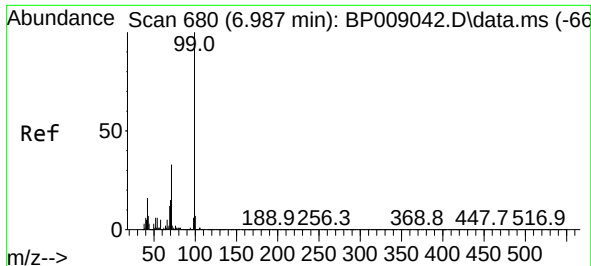
Tgt Ion:152 Resp: 158117
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 55.2 43.7 65.5



#5
2-Fluorophenol
Concen: 83.098 ng
RT: 5.363 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:112 Resp: 736584
Ion Ratio Lower Upper
112 100
64 52.2 39.7 59.5
63 26.7 20.0 30.0

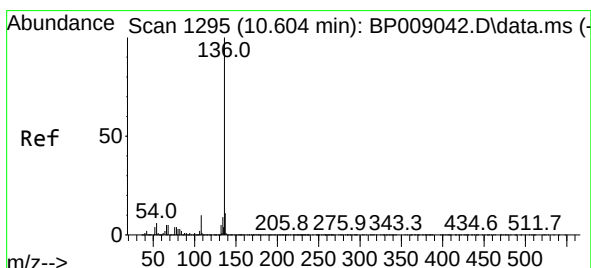
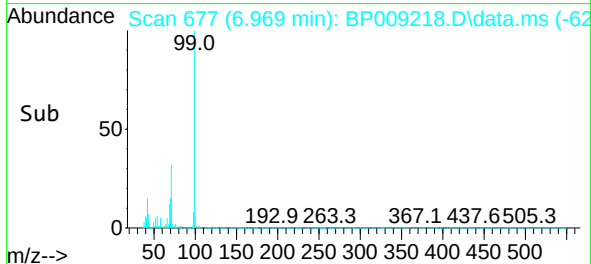
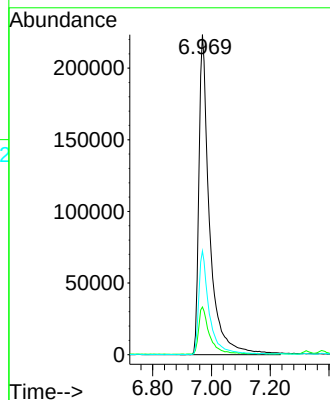
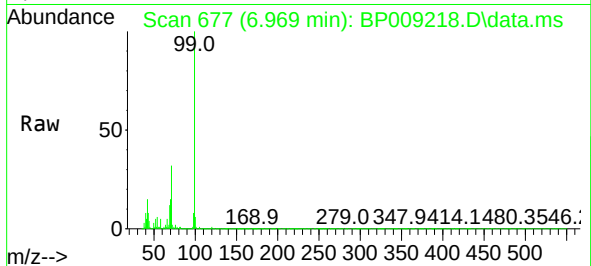




#7
Phenol-d6
Concen: 48.240 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

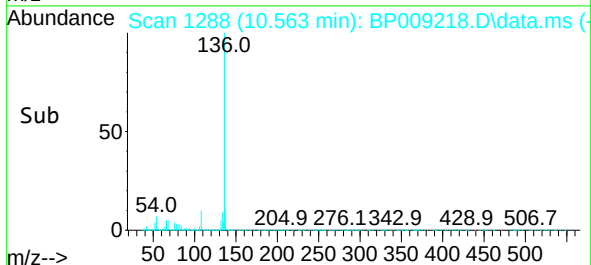
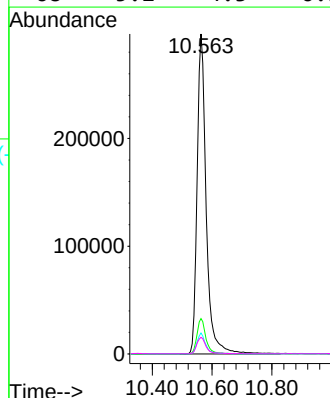
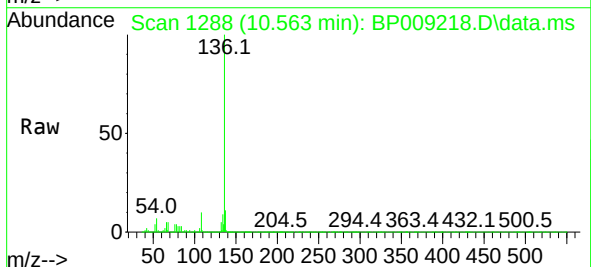
Instrument :
BNA_P
ClientSampleId :
MW-25R

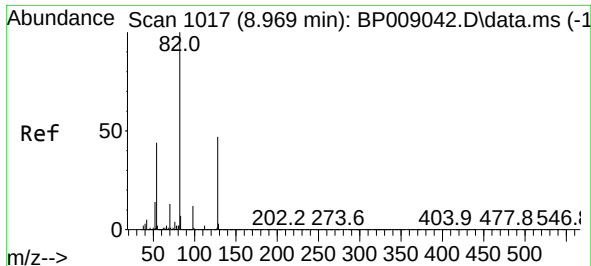
Tgt Ion: 99 Resp: 563433
Ion Ratio Lower Upper
99 100
42 14.9 10.8 16.2
71 32.4 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion: 136 Resp: 625571
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.5 4.9 7.3
68 5.2 4.3 6.5

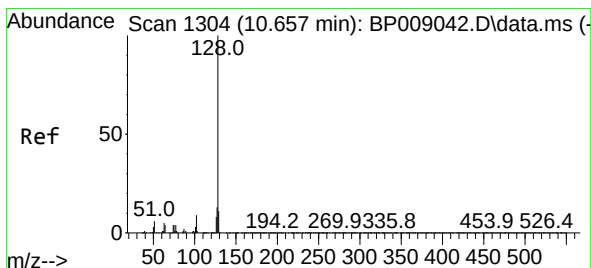
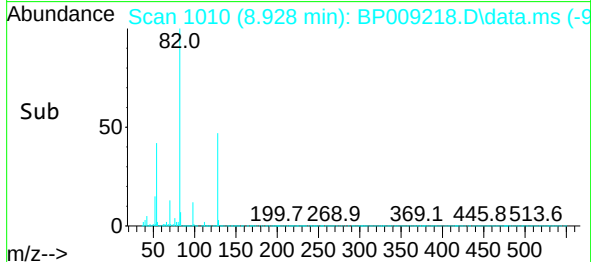
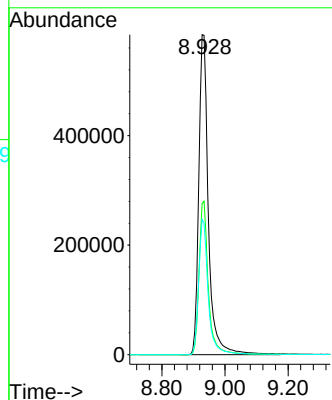
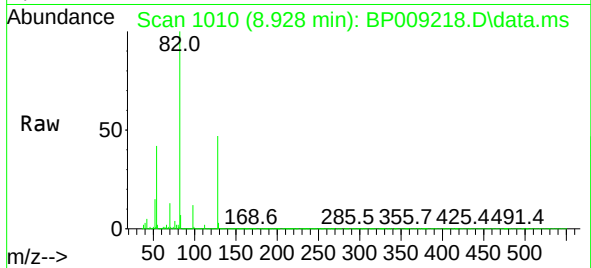




#23
Nitrobenzene-d5
Concen: 111.497 ng
RT: 8.928 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

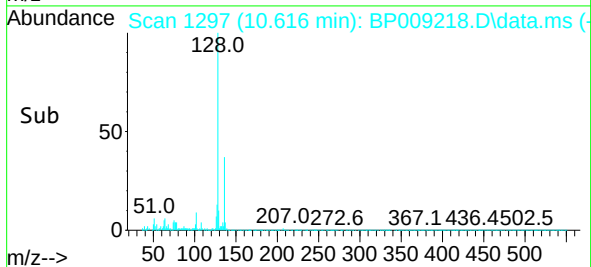
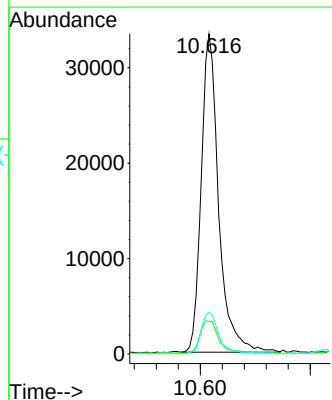
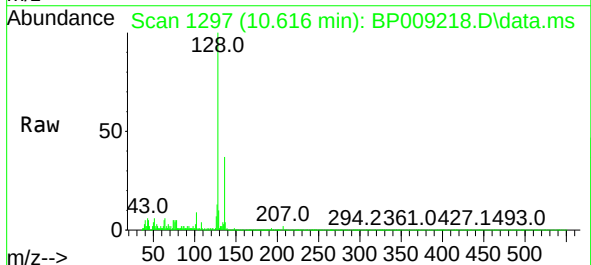
Instrument :
BNA_P
ClientSampleId :
MW-25R

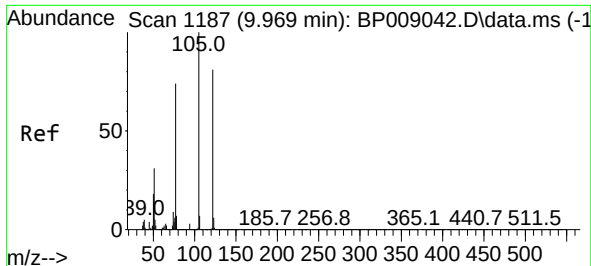
Tgt Ion: 82 Resp: 1236825
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 42.3 32.6 48.8



#31
Naphthalene
Concen: 2.301 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.005 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion: 128 Resp: 73409
Ion Ratio Lower Upper
128 100
129 10.3 8.8 13.2
127 13.1 10.4 15.6

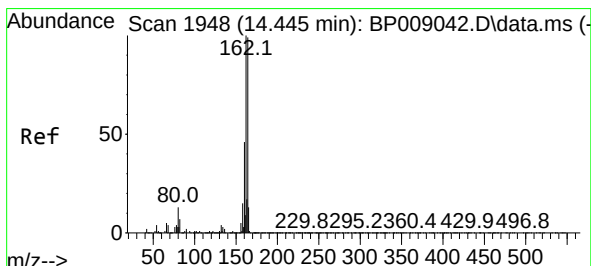
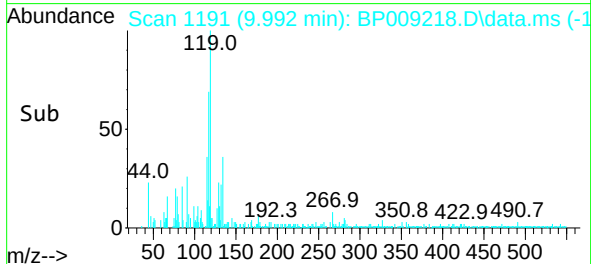
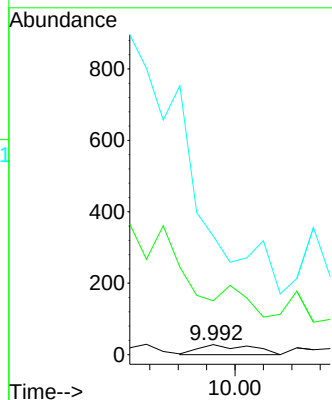
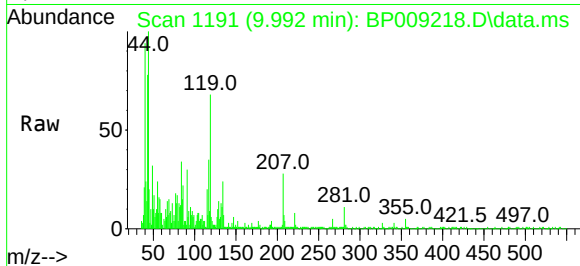




#32
Benzoic acid
Concen: 2.695 ng
RT: 9.992 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

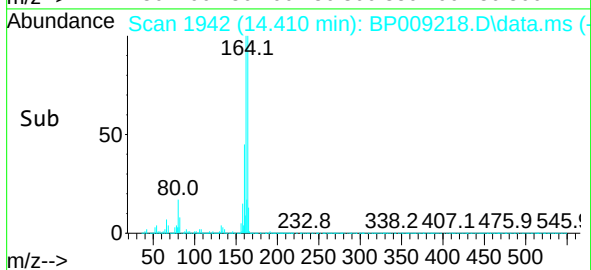
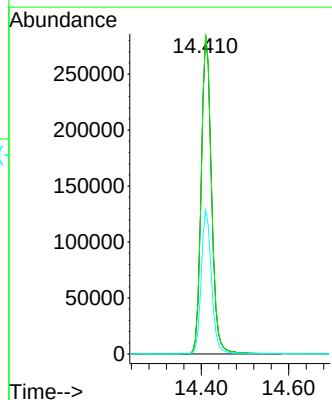
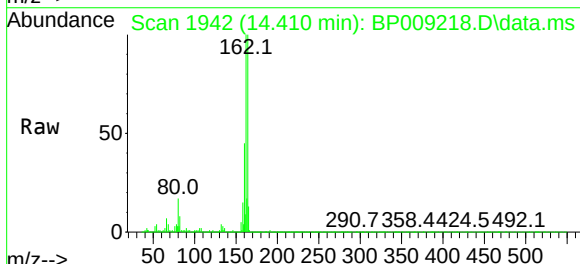
Instrument :
BNA_P
ClientSampleId :
MW-25R

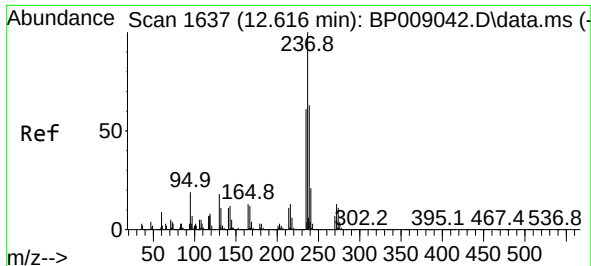
Tgt Ion:122 Resp: 36
Ion Ratio Lower Upper
122 100
105 539.3 100.1 140.1#
77 1185.7 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:164 Resp: 467145
Ion Ratio Lower Upper
164 100
162 100.4 79.9 119.9
160 45.1 35.5 53.3

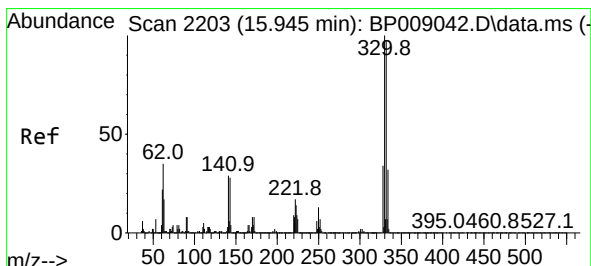
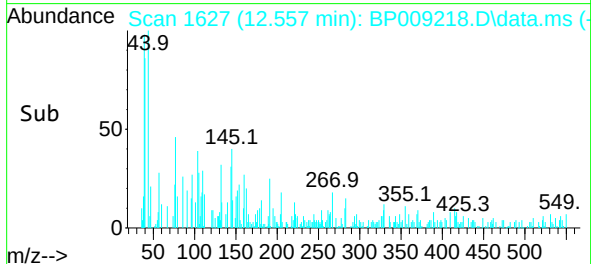
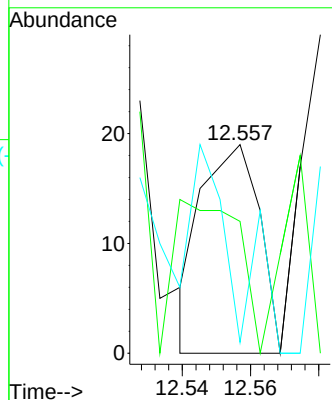
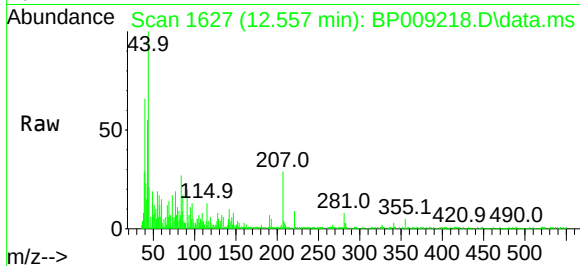




#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.557 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

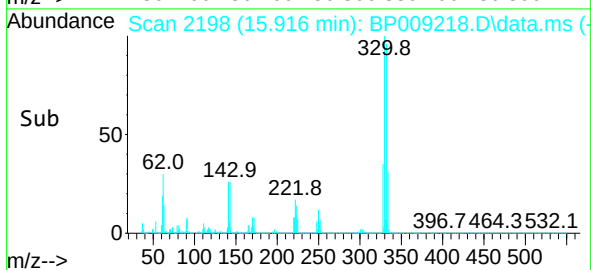
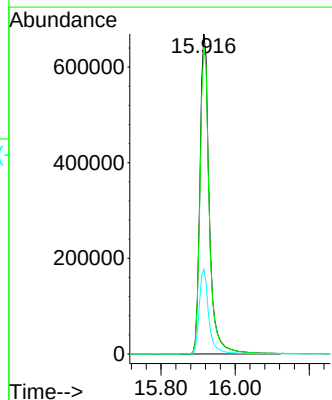
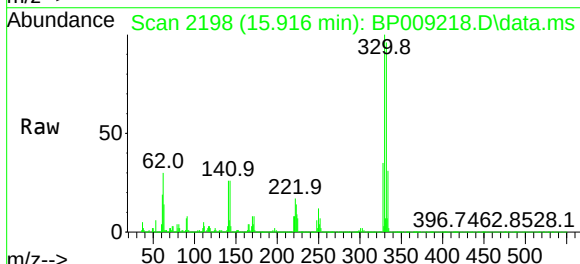
Instrument :
BNA_P
ClientSampleId :
MW-25R

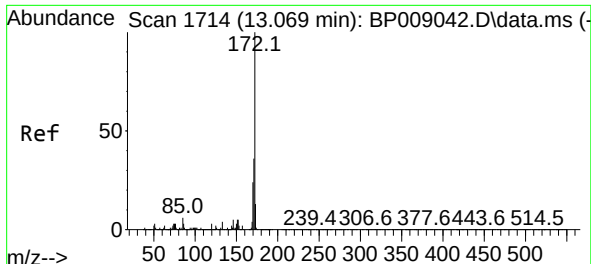
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	63.2	42.9	82.9
272	5.3	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 188.334 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:	330	Resp:	1174684
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.4
141	27.0	21.3	31.9

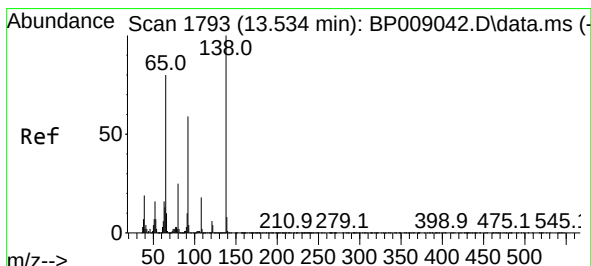
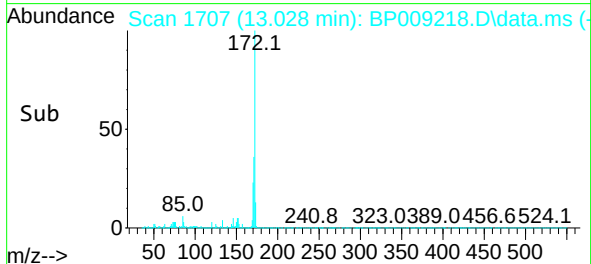
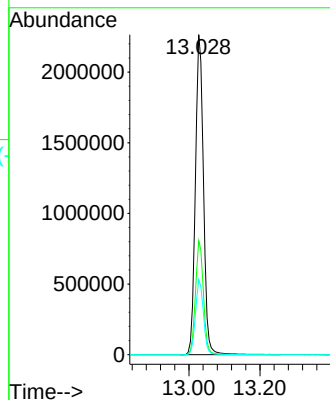
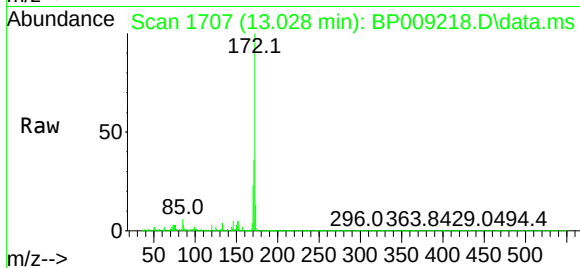




#45
2-Fluorobiphenyl
Concen: 107.595 ng
RT: 13.028 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

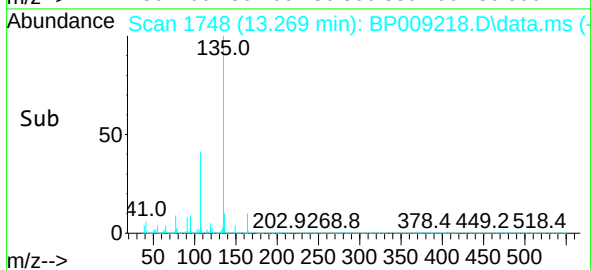
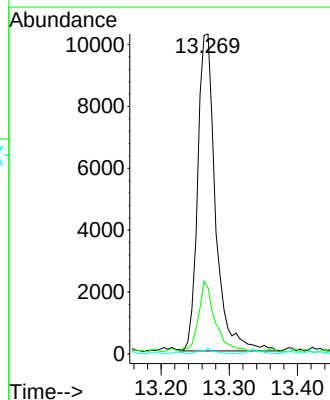
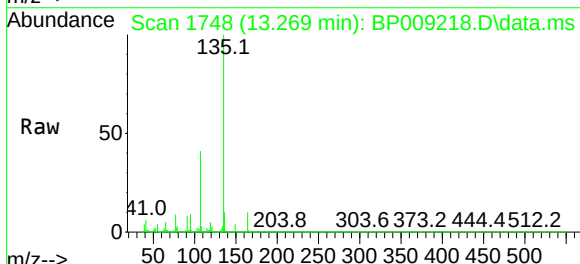
Instrument :
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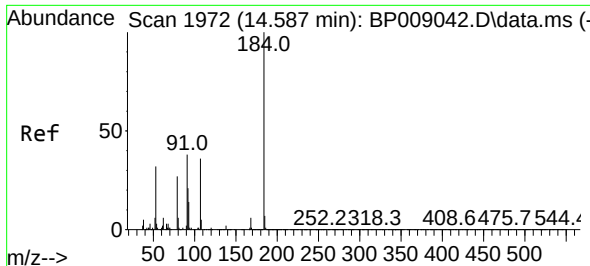
Tgt Ion:172 Resp: 3590440
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.4 19.5 29.3



#48
2-Nitroaniline
Concen: 2.943 ng
RT: 13.269 min Scan# 1748
Delta R.T. -0.248 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion: 65 Resp: 18597
Ion Ratio Lower Upper
65 100
92 20.8 62.2 93.4#
138 1.8 105.8 158.8#

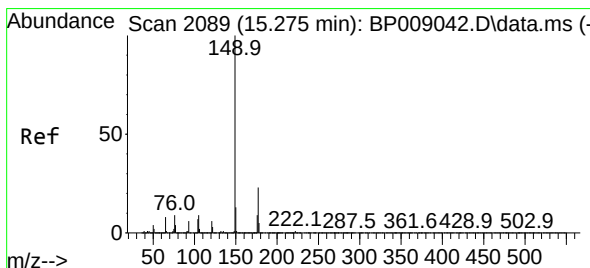
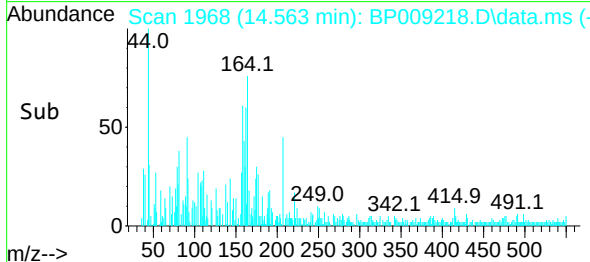
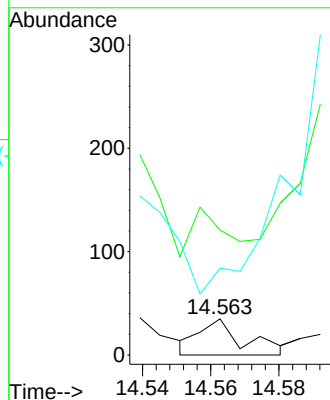
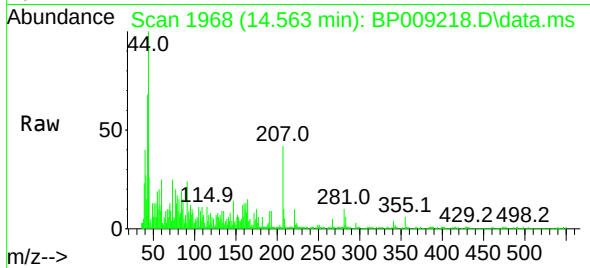




#54
2,4-Dinitrophenol
Concen: 2.177 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.024 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

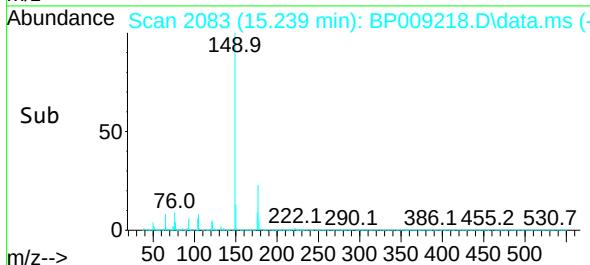
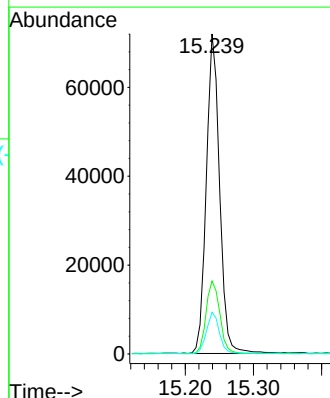
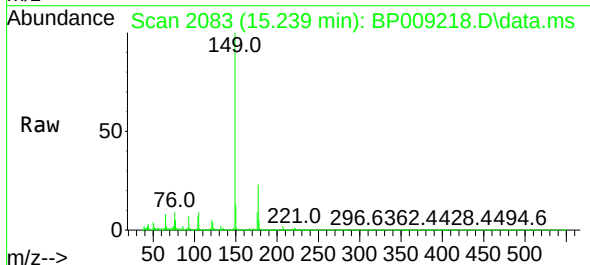
Instrument :
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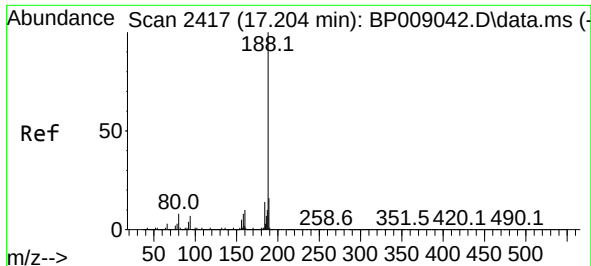
Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 345.7 35.6 53.4#
154 240.0 43.4 65.0#



#60
Diethylphthalate
Concen: 3.097 ng
RT: 15.239 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:149 Resp: 97508
Ion Ratio Lower Upper
149 100
177 22.8 19.9 29.9
150 13.0 10.3 15.5

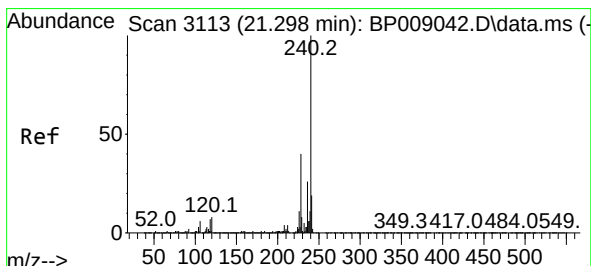
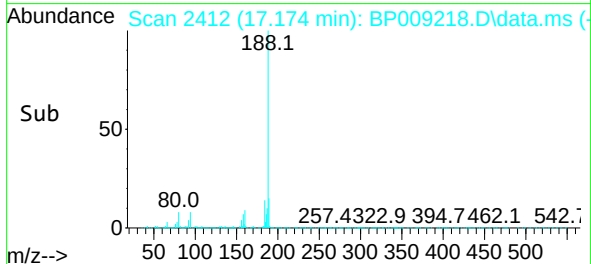
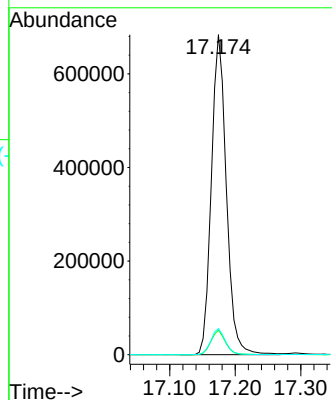
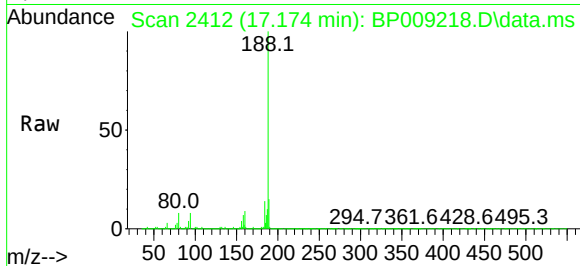




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

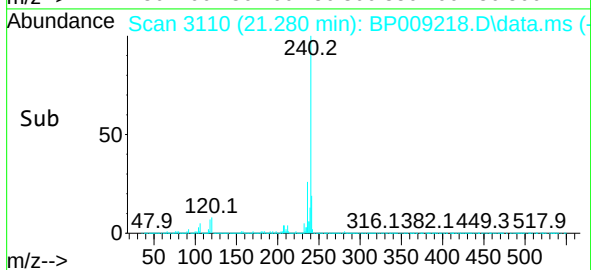
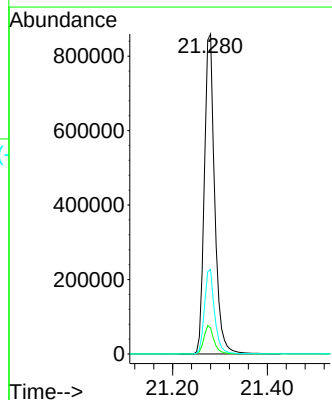
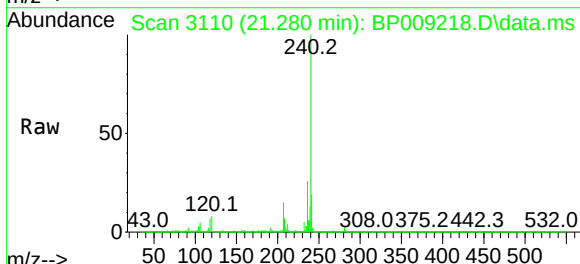
Instrument :
BNA_P
ClientSampleId :
MW-25R

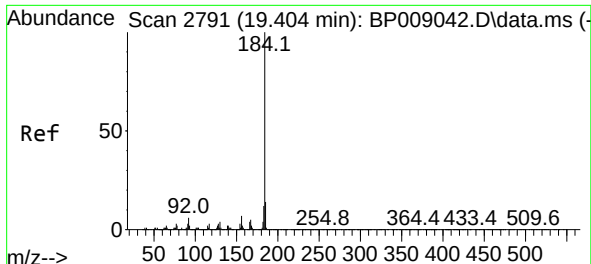
Tgt Ion:188 Resp: 1085274
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:240 Resp: 1300060
Ion Ratio Lower Upper
240 100
120 8.1 7.7 11.5
236 26.4 21.2 31.8

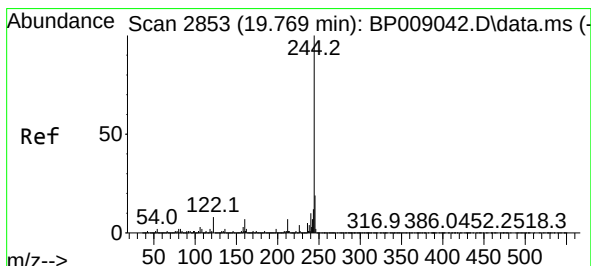
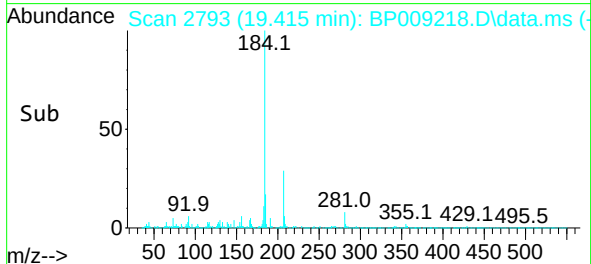
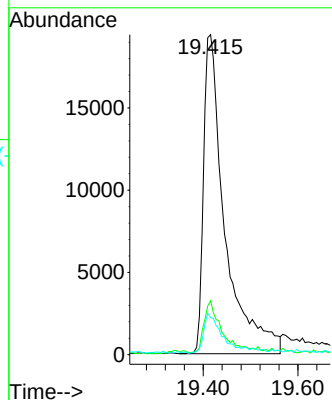
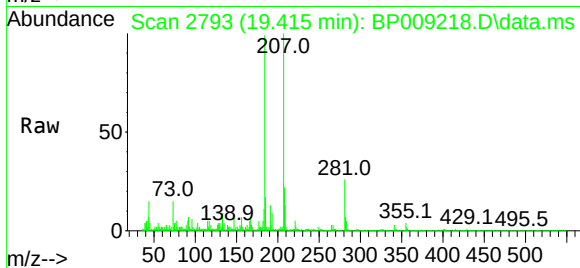




#77
Benzidine
Concen: 2.233 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

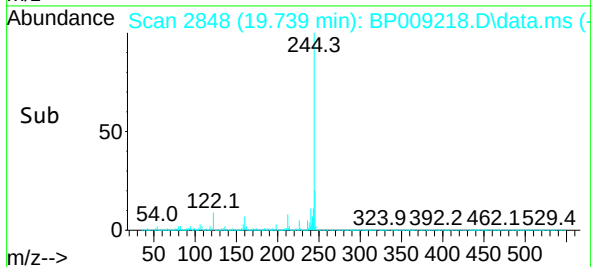
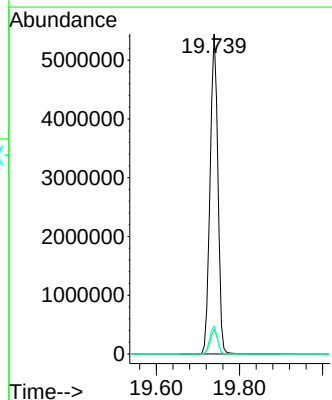
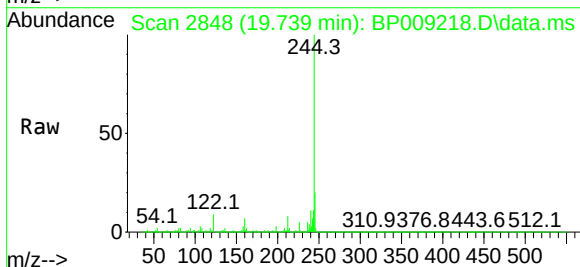
Instrument :
BNA_P
ClientSampleId :
MW-25R

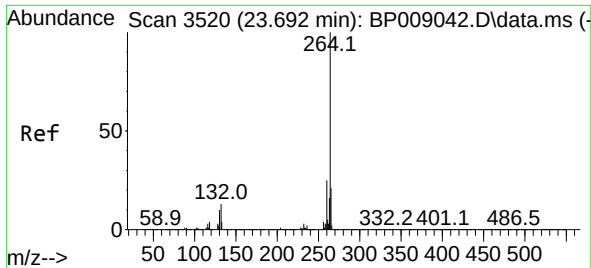
Tgt Ion:184 Resp: 60652
Ion Ratio Lower Upper
184 100
185 16.8 12.2 18.2
183 11.6 9.5 14.3



#79
Terphenyl-d14
Concen: 98.304 ng
RT: 19.739 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

Tgt Ion:244 Resp: 7106625
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 8.7 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.662 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP009218.D

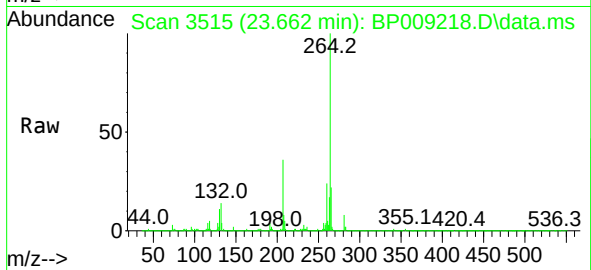
Acq: 18 Feb 2022 17:35

Instrument :

BNA_P

ClientSampleId :

MW-25R



Tgt Ion:264 Resp: 1361410

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.3 17.1 25.7

