

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)

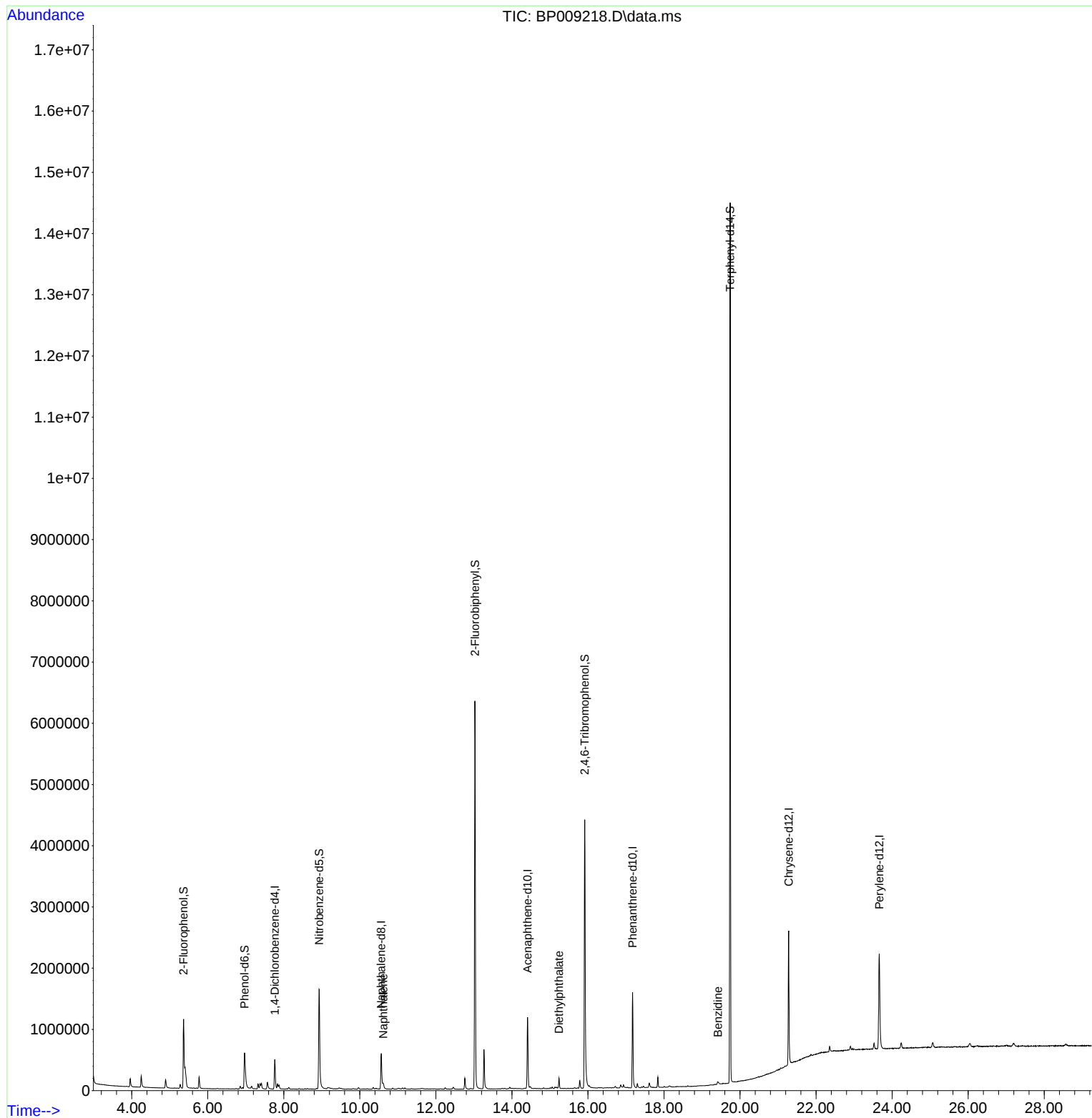
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	158117	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	625571	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	467145	20.000	ng	0.00
64) Phenanthrene-d10	17.174	188	1085274	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1300060	20.000	ng	0.00
86) Perylene-d12	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
60) Diethylphthalate	15.239	149	97508	3.097	ng	97
77) Benzidine	19.415	184	60652	2.233	ng	97

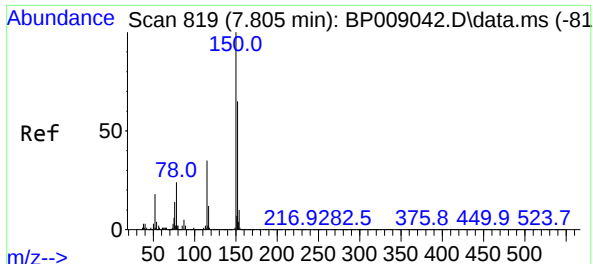
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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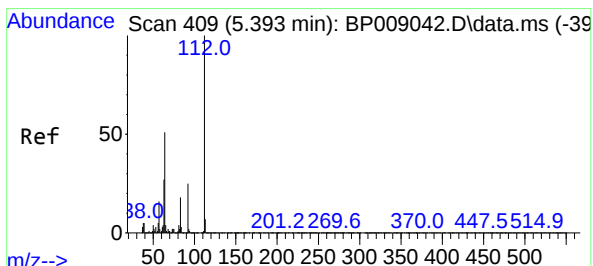
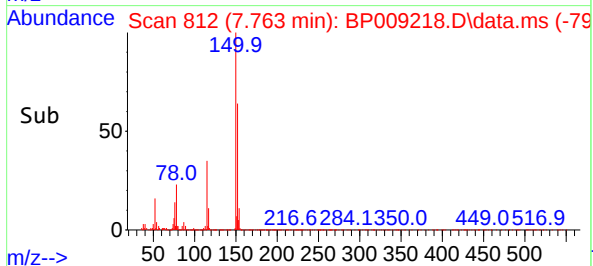
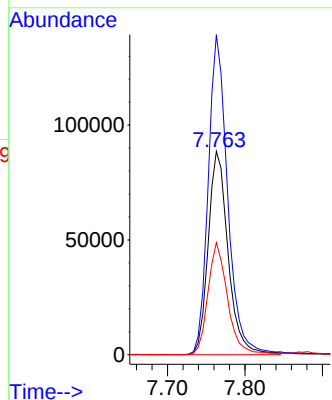
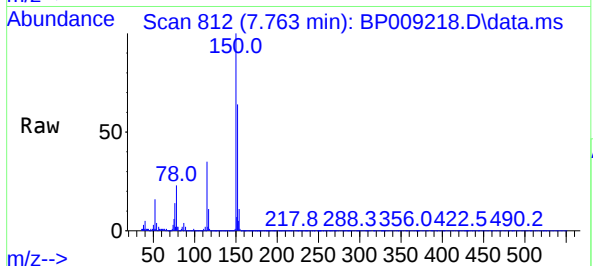




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

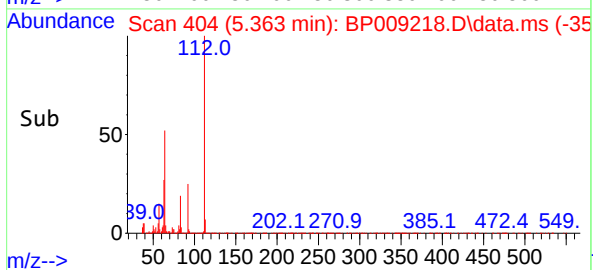
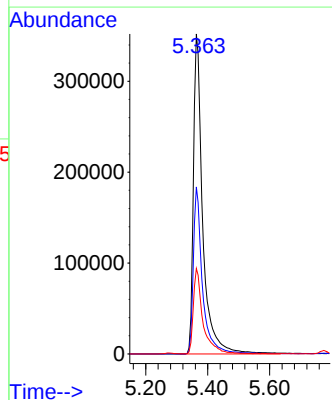
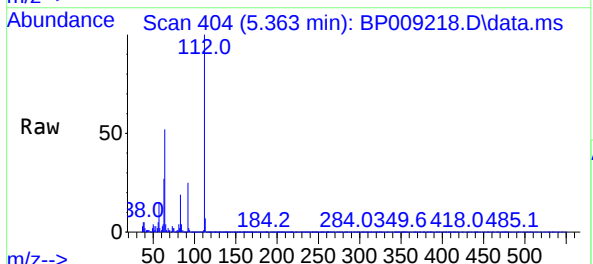
Instrument :
BNA_P
ClientSampleId :
MW-25R

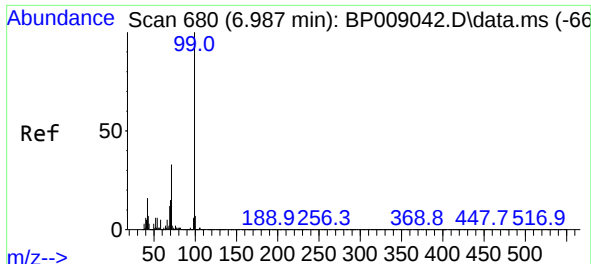
Tgt Ion:152 Resp: 158117
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 55.2 43.7 65.5



#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

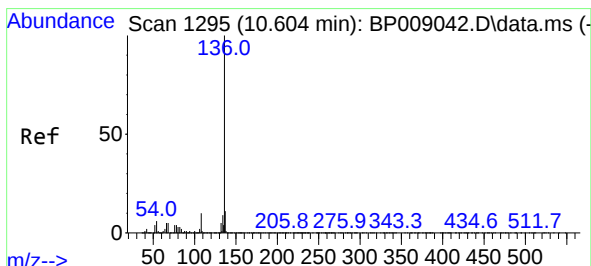
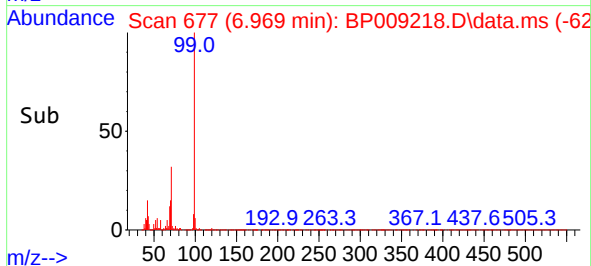
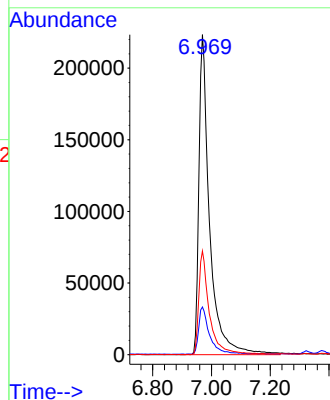
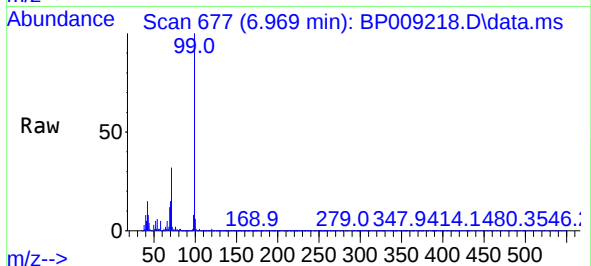




#7
Phenol-d6
Concen: 48.240 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.005 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

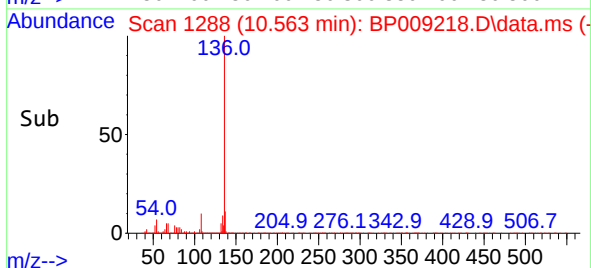
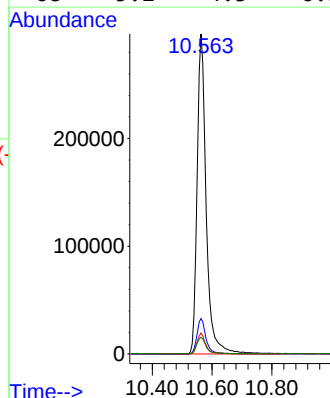
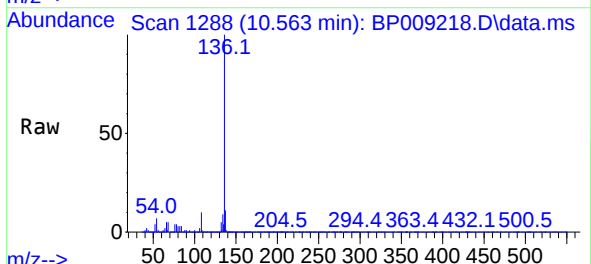
Instrument :
BNA_P
ClientSampleId :
MW-25R

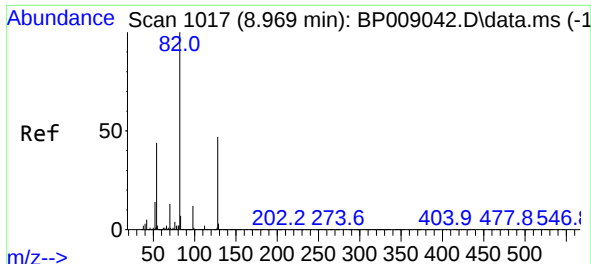
Tgt Ion: 99 Resp: 563433
Ion Ratio Lower Upper
99 100
42 14.9 10.8 16.2
71 32.4 23.8 35.6



#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

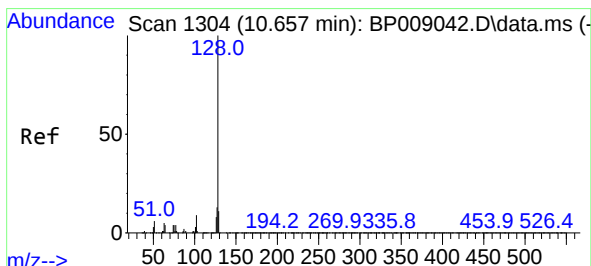
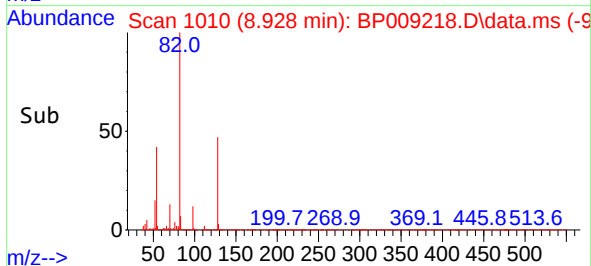
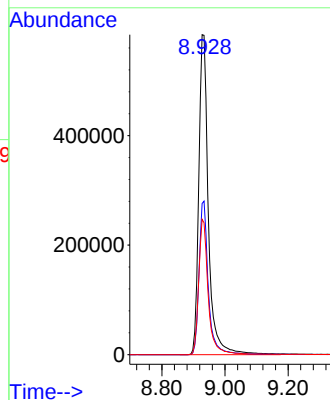
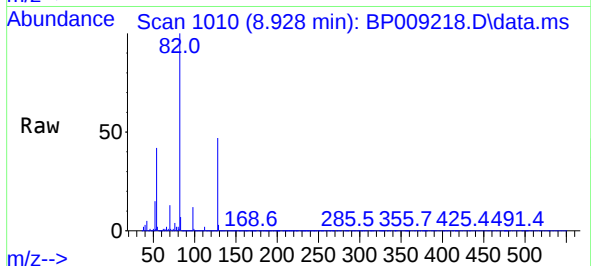




#23
Nitrobenzene-d5
Concen: 111.497 ng
RT: 8.928 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

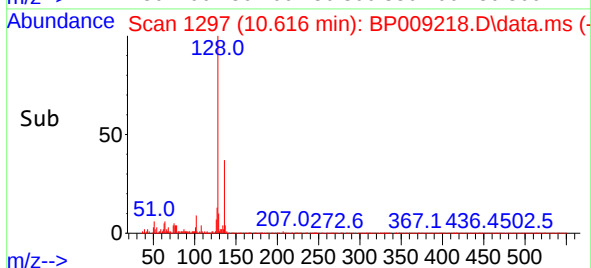
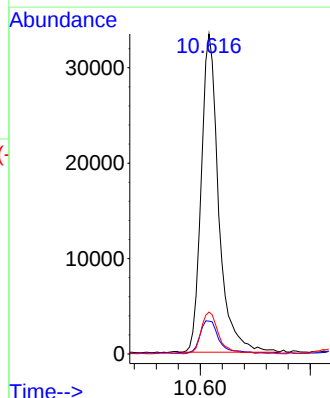
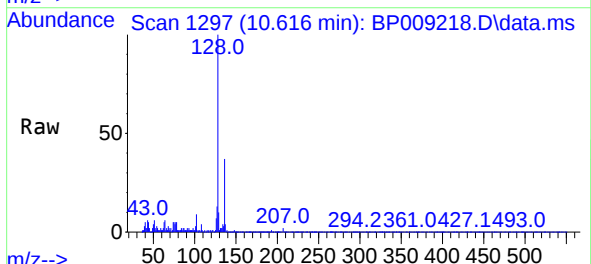
Instrument :
BNA_P
ClientSampleId :
MW-25R

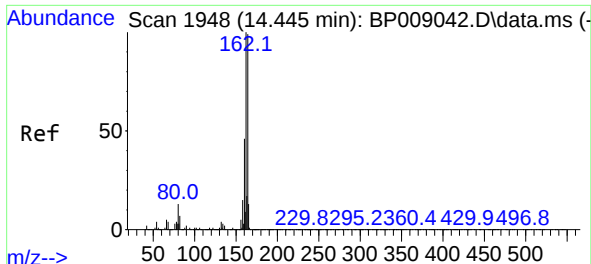
Tgt Ion: 82 Resp: 1236825
Ion Ratio Lower Upper
82 100
128 47.3 39.4 59.2
54 42.3 32.6 48.8



#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

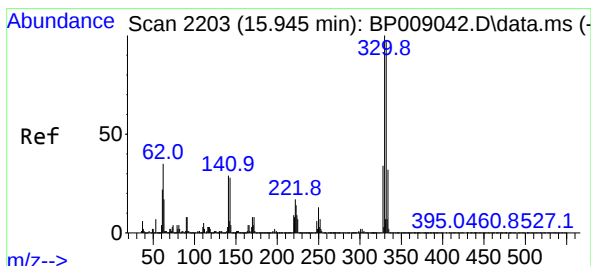
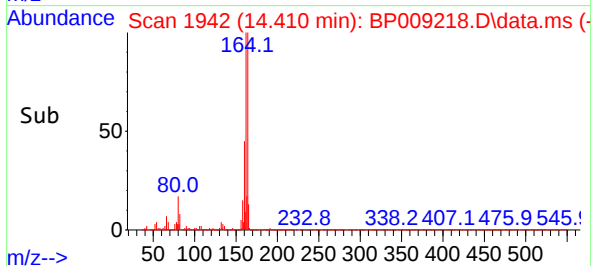
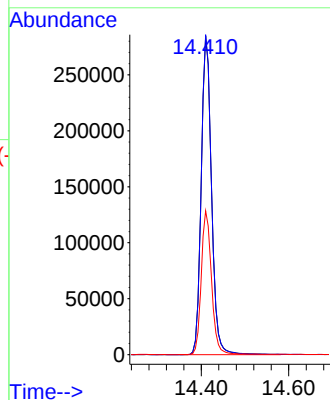
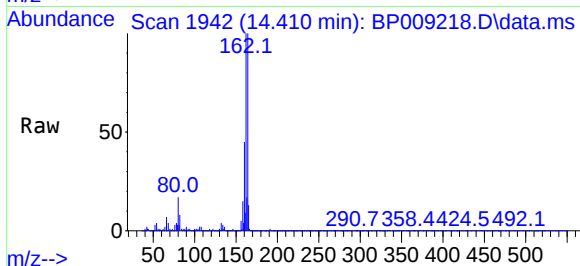




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

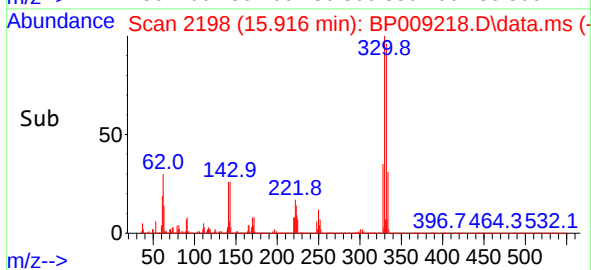
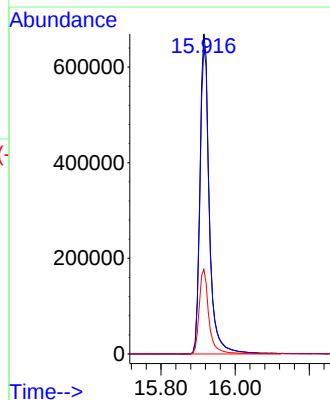
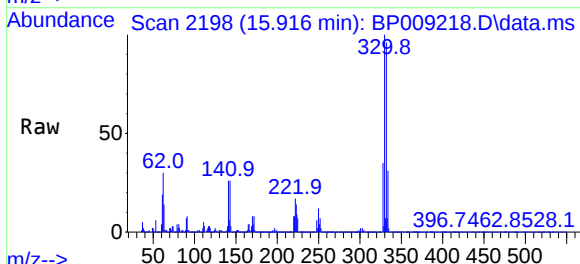
Instrument :
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ClientSampleId :
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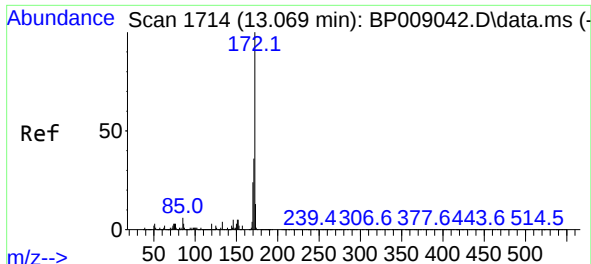
Tgt Ion:164 Resp: 467145
Ion Ratio Lower Upper
164 100
162 100.4 79.9 119.9
160 45.1 35.5 53.3



#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

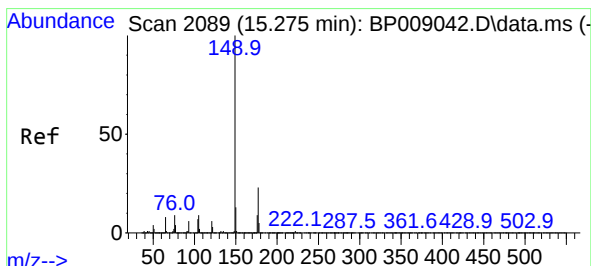
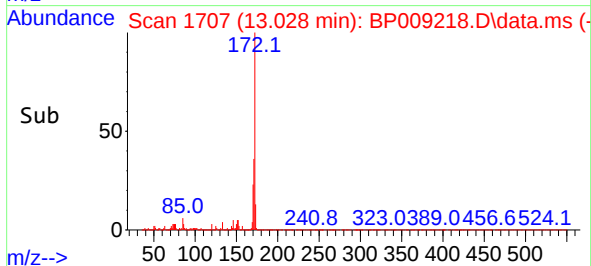
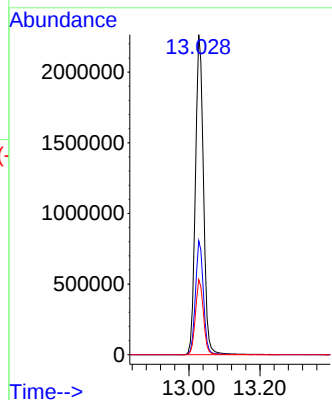
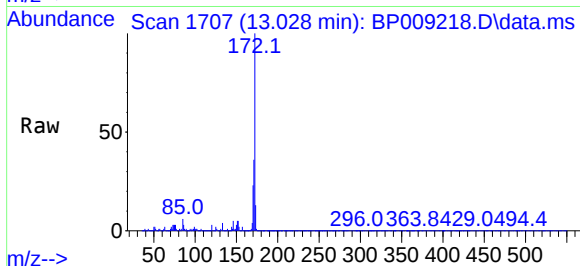




#45
2-Fluorobiphenyl
Concen: 107.595 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

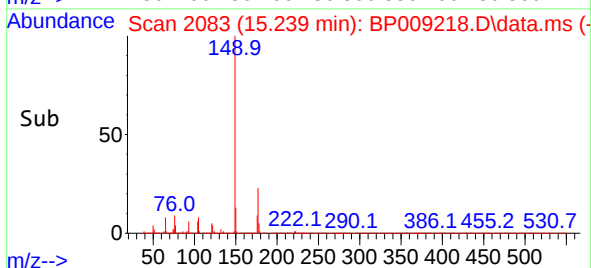
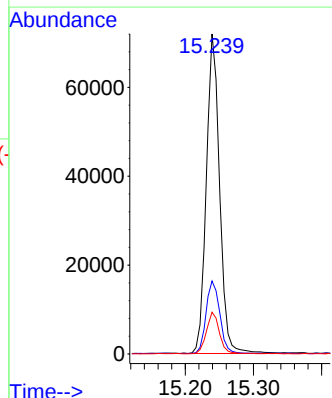
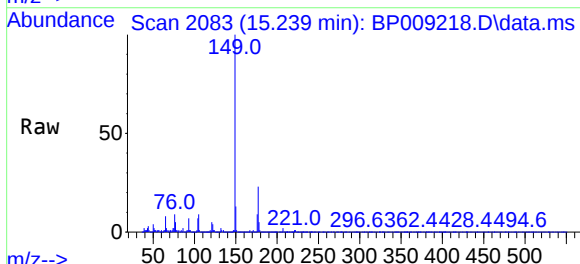
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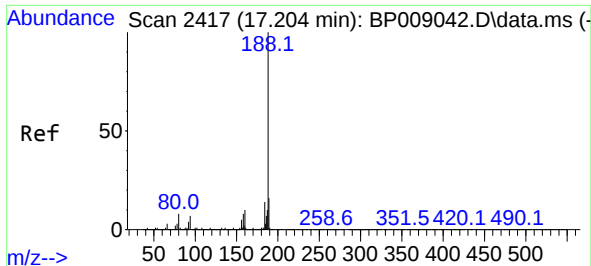
Tgt Ion:172 Resp: 3590440
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.4 19.5 29.3



#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

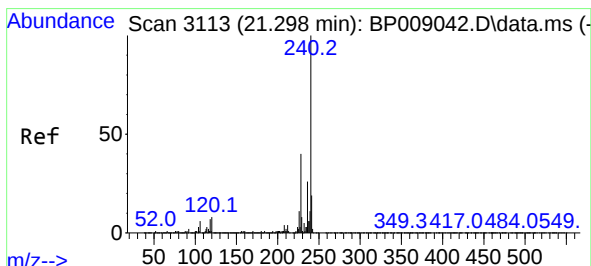
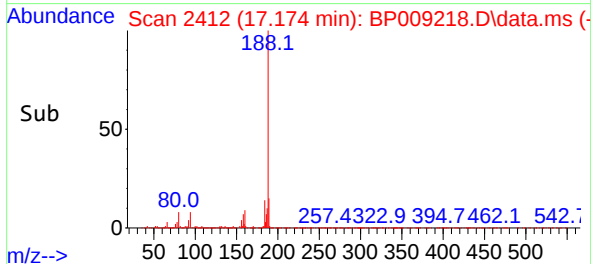
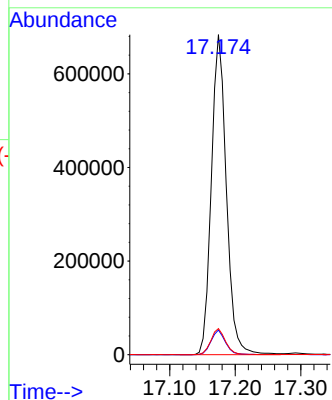
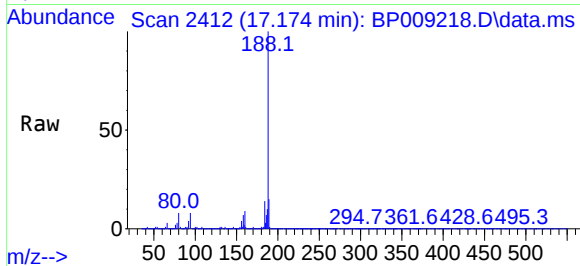




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.174 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

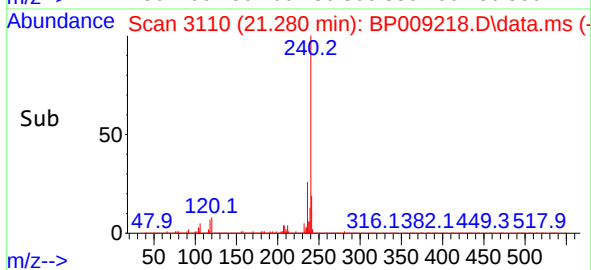
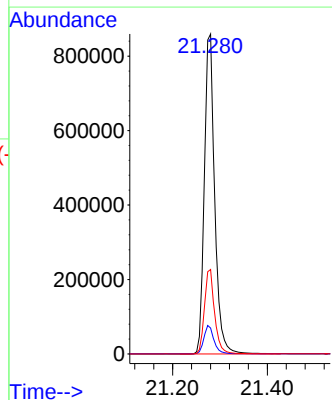
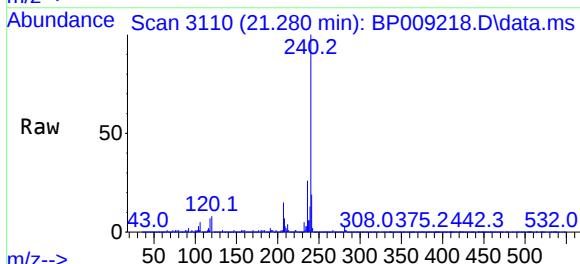
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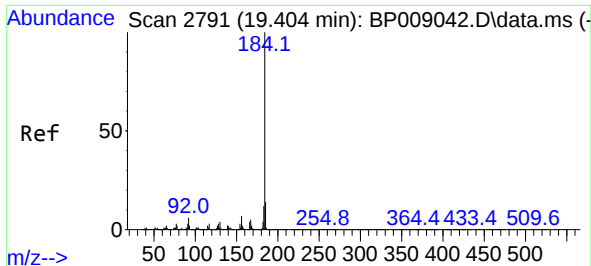
Tgt Ion:188 Resp: 1085274
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.2 7.2 10.8



#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

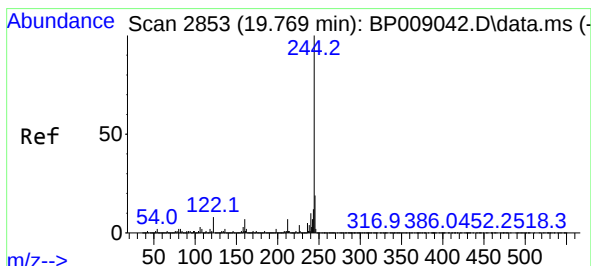
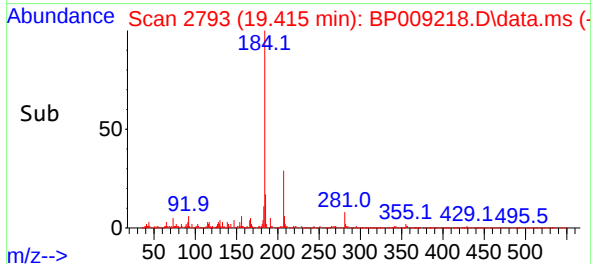
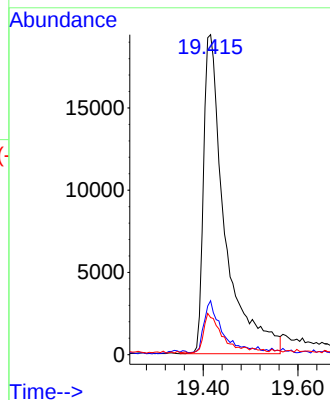
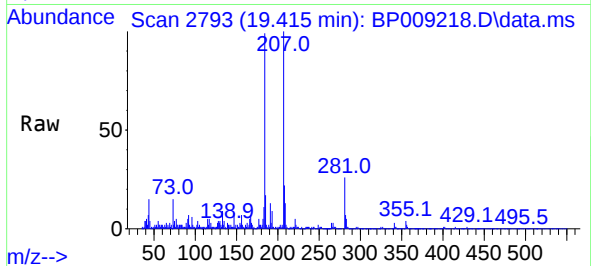




#77
Benzidine
Concen: 2.233 ng
RT: 19.415 min Scan# 21
Delta R.T. 0.035 min
Lab File: BP009218.D
Acq: 18 Feb 2022 17:35

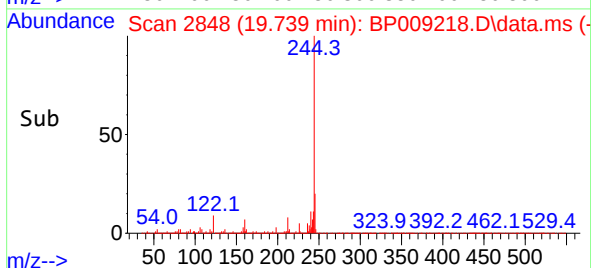
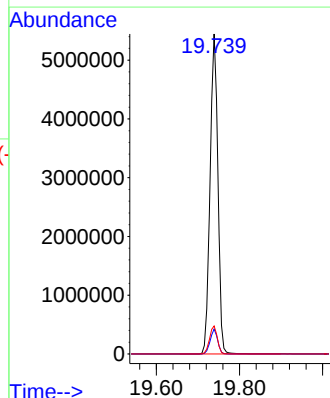
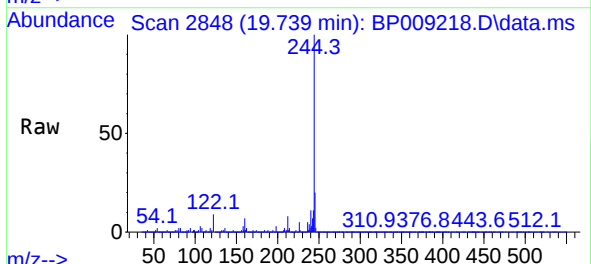
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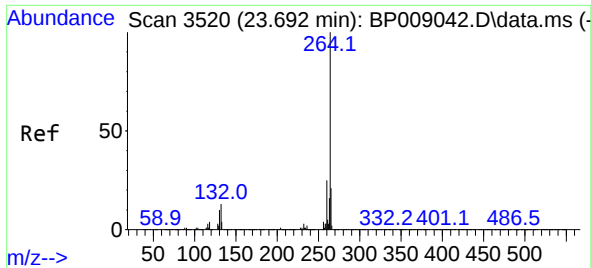
Tgt Ion:184 Resp: 60652
Ion Ratio Lower Upper
184 100
185 16.8 12.2 18.2
183 11.6 9.5 14.3



#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# 31
 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

