

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009216.D
 Acq On : 18 Feb 2022 16:28
 Operator : CG/JU
 Sample : N1573-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-16SR

Quant Time: Feb 19 00:49:29 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)

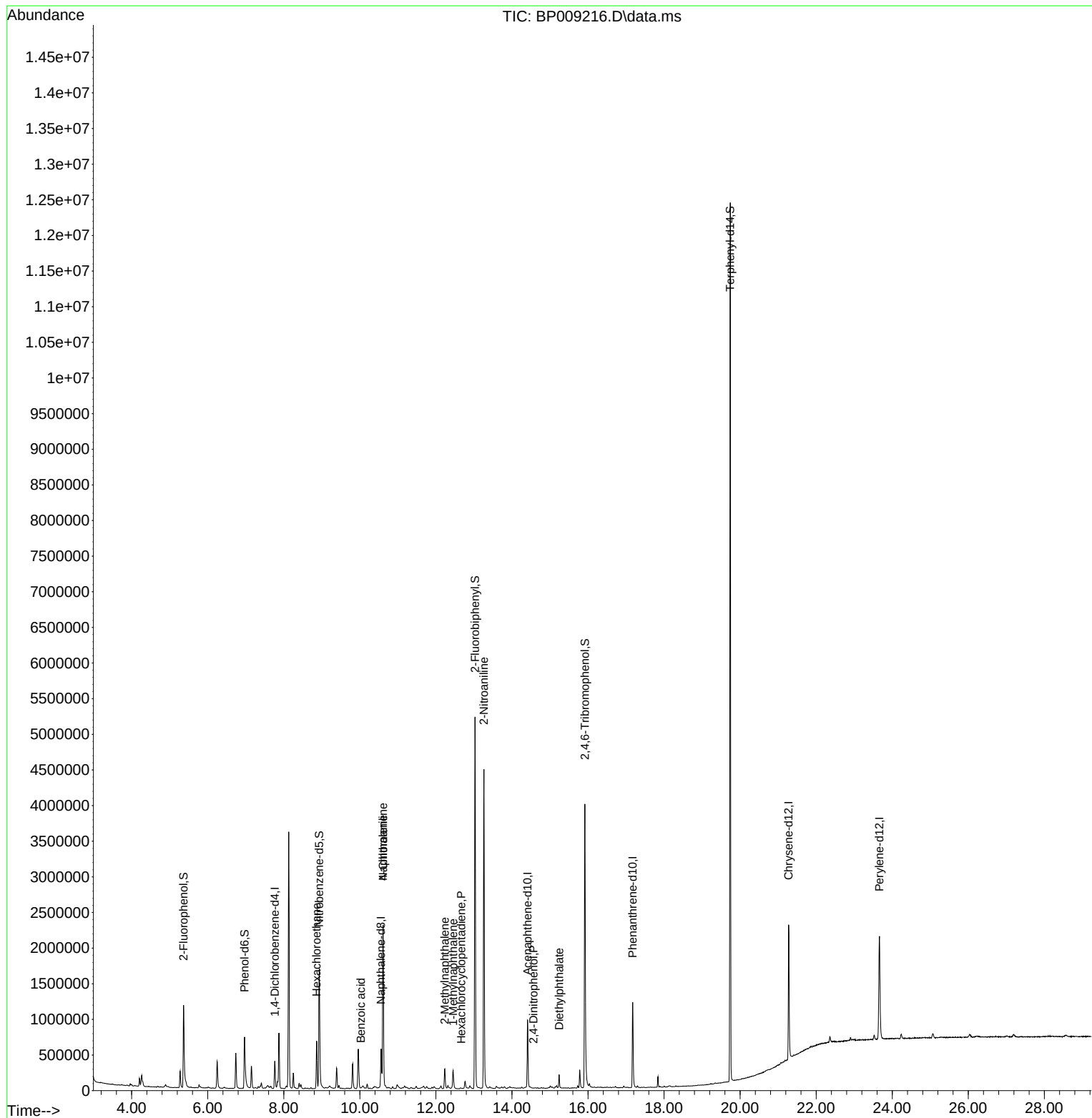
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	125317	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	497375	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	358935	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	871767	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1106225	20.000	ng	0.00
86) Perylene-d12	23.663	264	1320331	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	732900	104.324	ng	0.00
7) Phenol-d6	6.969	99	642996	69.461	ng	0.00
23) Nitrobenzene-d5	8.928	82	1011027	114.633	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1044574	217.963	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2905912	113.334	ng	0.00
79) Terphenyl-d14	19.739	244	5998303	97.511	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.863	117	87421	28.192	ng	# 1
31) Naphthalene	10.610	128	2085518	82.211	ng	100
32) Benzoic acid	10.028	122	154	2.722	ng	# 1
33) 4-Chloroaniline	10.610	127	273367	26.687	ng	# 35
37) 2-Methylnaphthalene	12.234	142	142265	7.925	ng	98
38) 1-Methylnaphthalene	12.451	142	130098	7.417	ng	98
41) Hexachlorocyclopentadiene	12.669	237	33	8.663	ng	76
48) 2-Nitroaniline	13.263	65	110824	22.824	ng	# 6
54) 2,4-Dinitrophenol	14.563	184	10	2.171	ng	# 1
60) Diethylphthalate	15.240	149	109996	4.547	ng	98

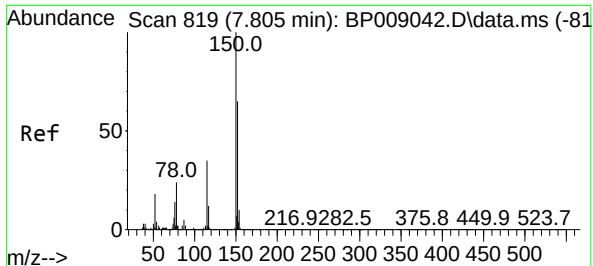
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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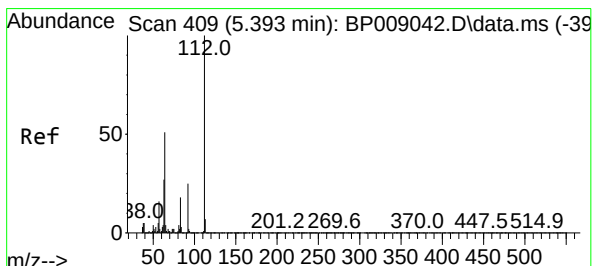
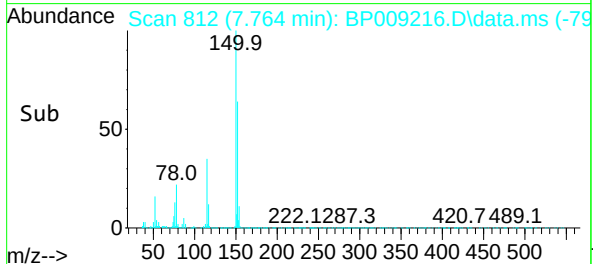
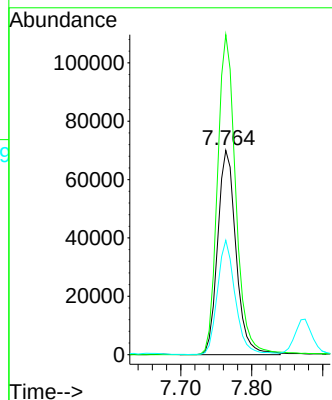
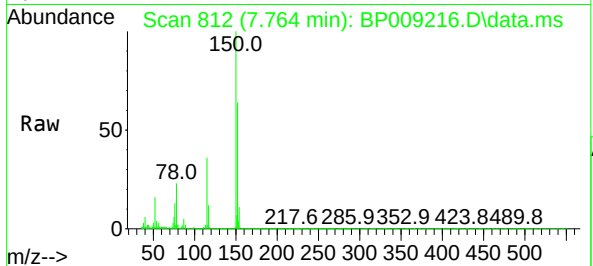




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

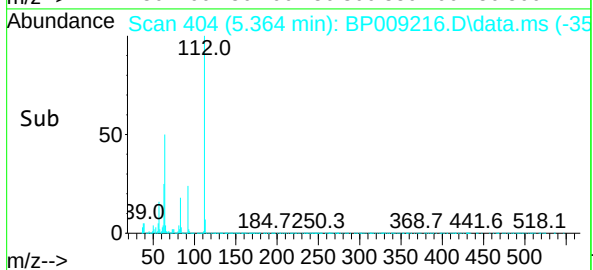
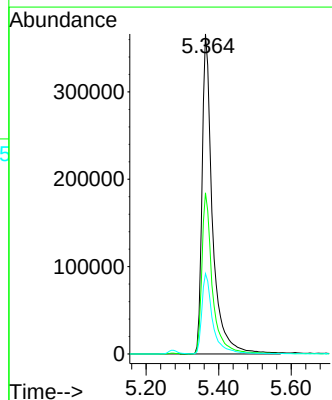
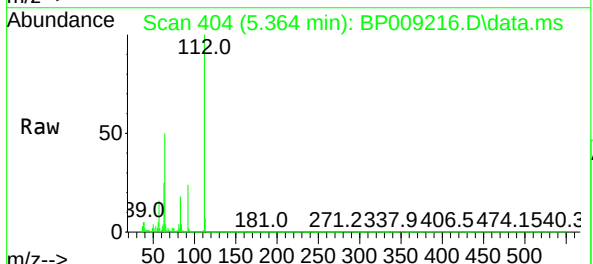
Instrument :
BNA_P
ClientSampleId :
MW-16SR

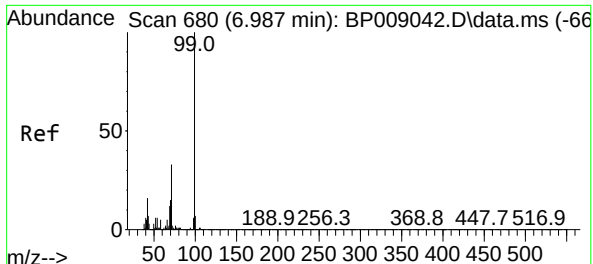
Tgt Ion:152 Resp: 125317
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 56.0 43.7 65.5



#5
2-Fluorophenol
Concen: 104.324 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:112 Resp: 732900
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 25.1 20.0 30.0

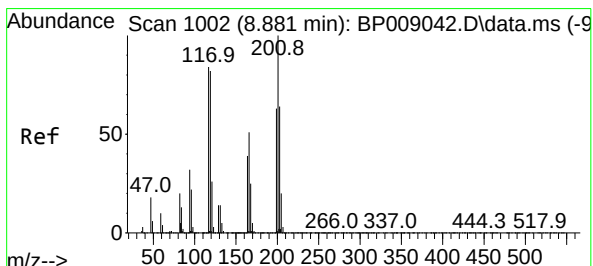
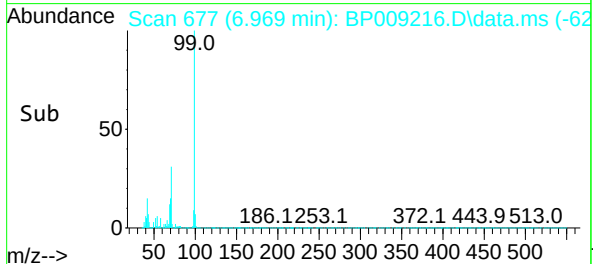
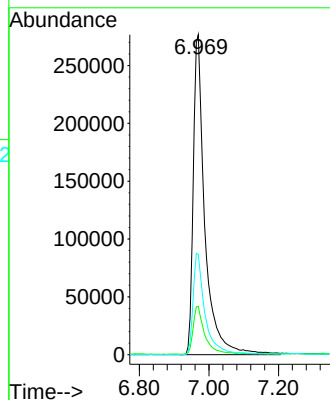
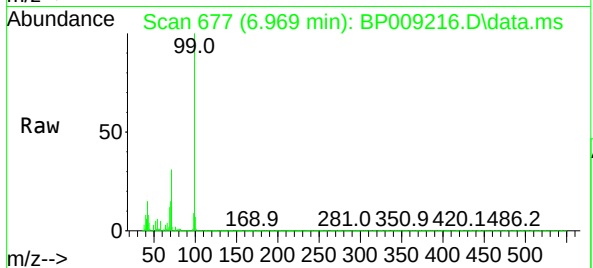




#7
Phenol-d6
Concen: 69.461 ng
RT: 6.969 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

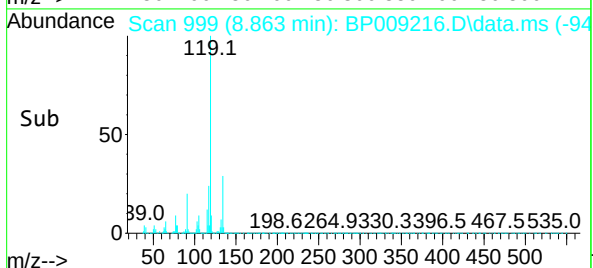
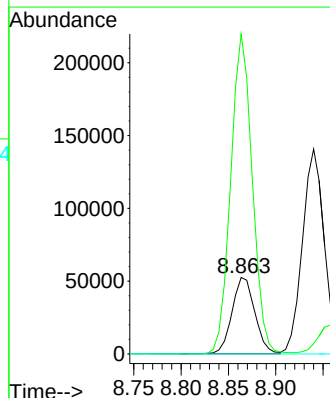
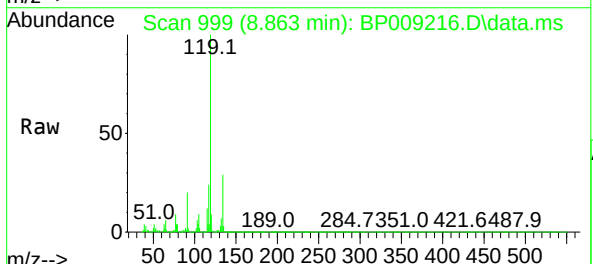
Instrument :
BNA_P
ClientSampleId :
MW-16SR

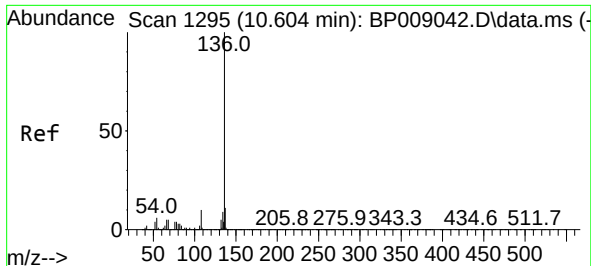
Tgt Ion: 99 Resp: 642996
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 31.3 23.8 35.6



#18
Hexachloroethane
Concen: 28.192 ng
RT: 8.863 min Scan# 999
Delta R.T. 0.029 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion: 117 Resp: 87421
Ion Ratio Lower Upper
117 100
119 418.3 76.9 115.3#
201 0.0 93.7 140.5#

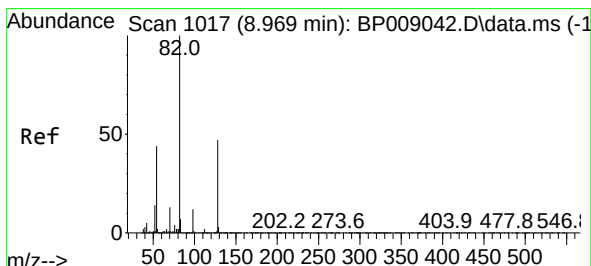
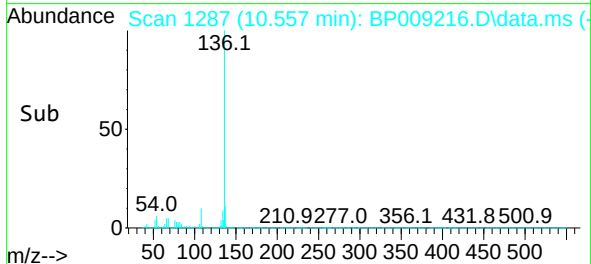
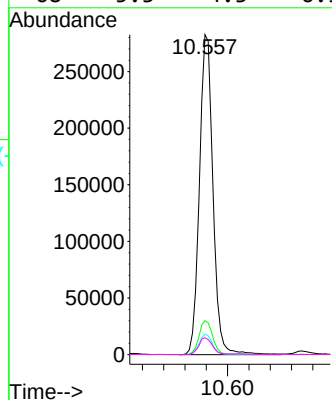
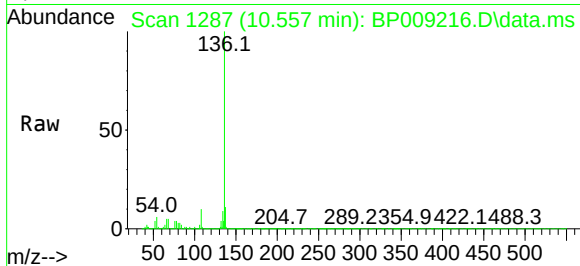




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

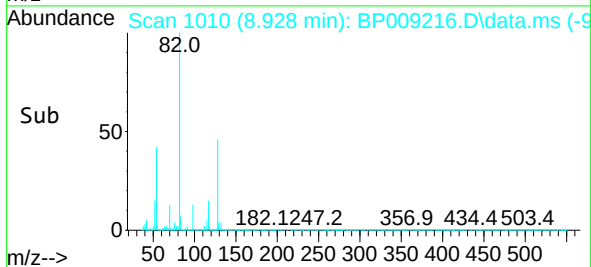
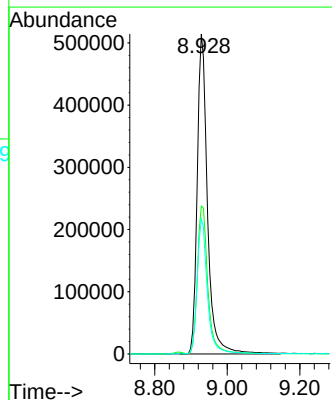
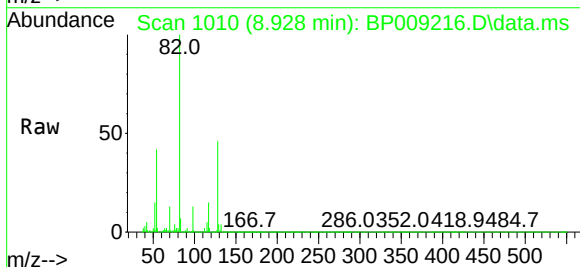
Instrument :
BNA_P
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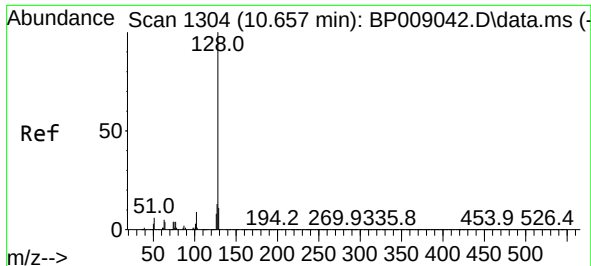
Tgt Ion:	136	Resp:	497375
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.4	4.9	7.3
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 114.633 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:	82	Resp:	1011027
Ion	Ratio	Lower	Upper
82	100		
128	46.2	39.4	59.2
54	42.1	32.6	48.8

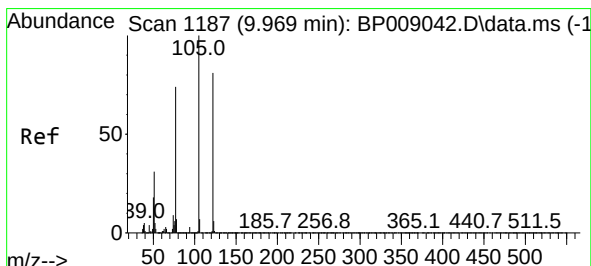
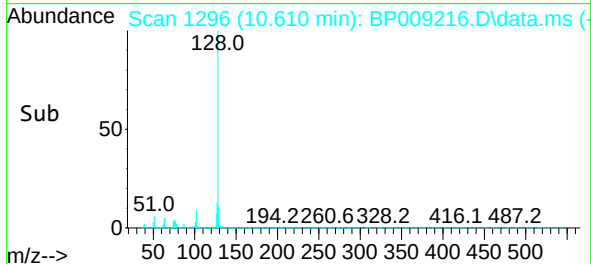
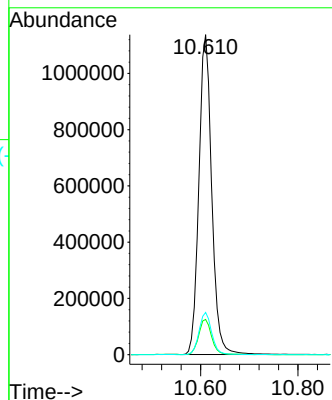
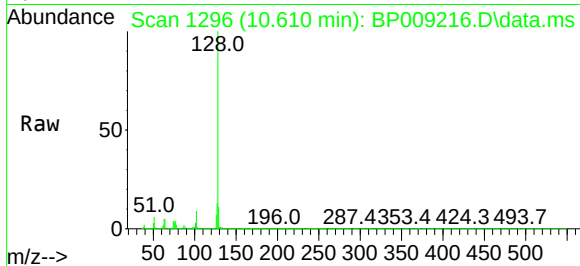




#31
Naphthalene
Concen: 82.211 ng
RT: 10.610 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

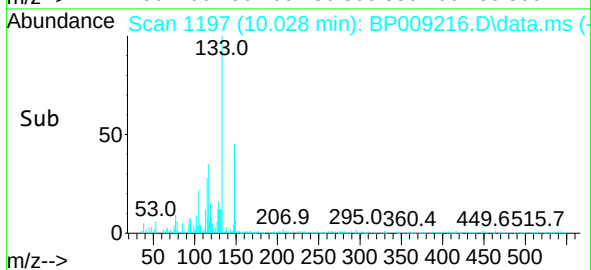
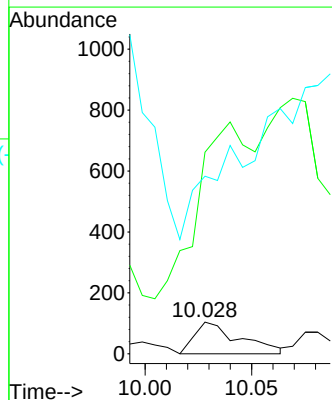
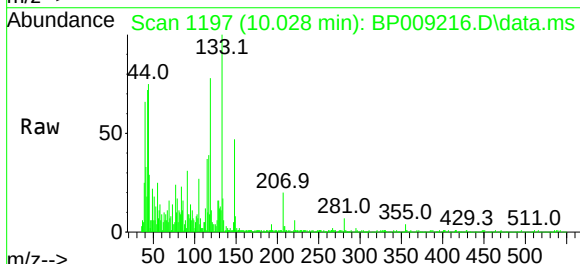
Instrument :
BNA_P
ClientSampleId :
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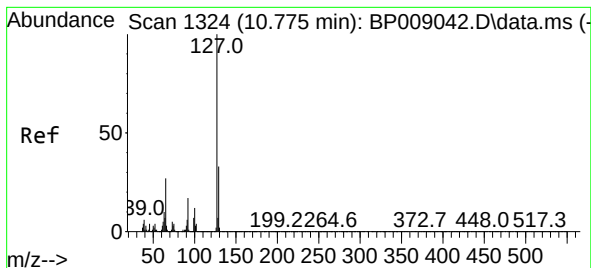
Tgt Ion:128 Resp: 2085518
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 2.722 ng
RT: 10.028 min Scan# 1197
Delta R.T. 0.029 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:122 Resp: 154
Ion Ratio Lower Upper
122 100
105 636.5 100.1 140.1#
77 560.6 65.5 105.5#

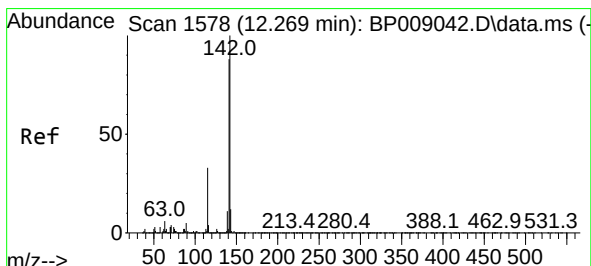
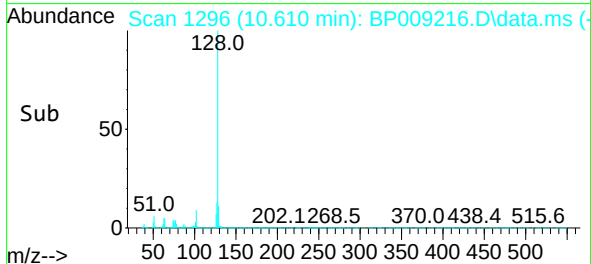
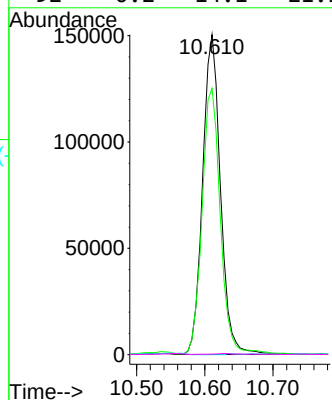
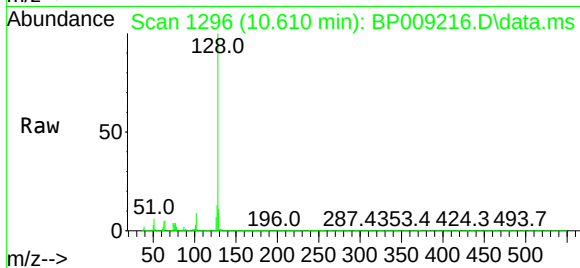




#33
4-Chloroaniline
Concen: 26.687 ng
RT: 10.610 min Scan# 11
Delta R.T. -0.129 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

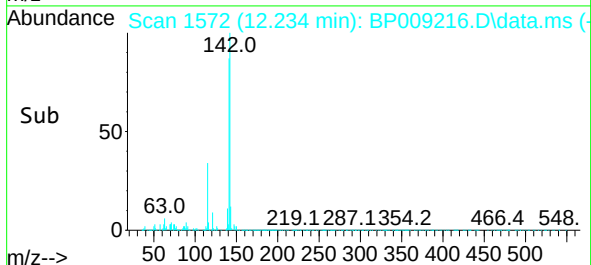
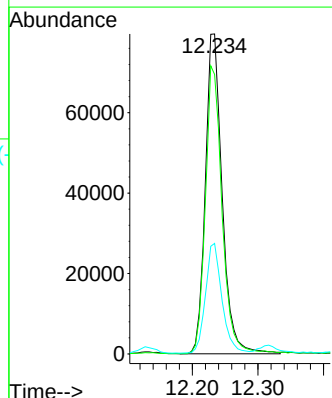
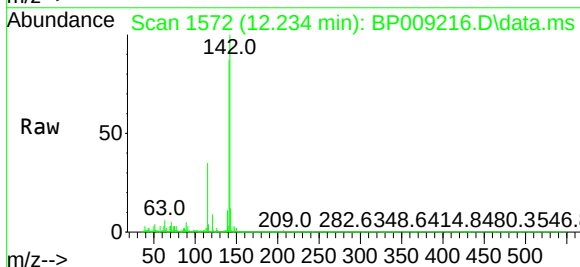
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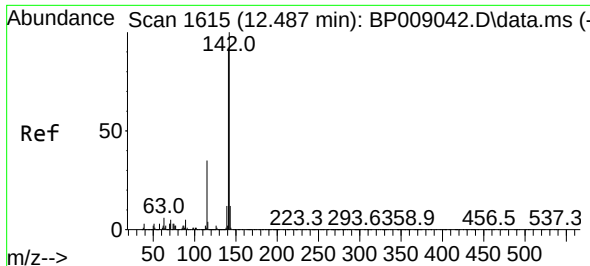
Tgt Ion:	127	Resp:	273367
Ion	Ratio	Lower	Upper
127	100		
129	83.2	26.0	39.0#
65	0.0	20.5	30.7#
92	0.2	14.1	21.1#



#37
2-Methylnaphthalene
Concen: 7.925 ng
RT: 12.234 min Scan# 1572
Delta R.T. -0.000 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:	142	Resp:	142265
Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7
115	34.5	24.6	36.8

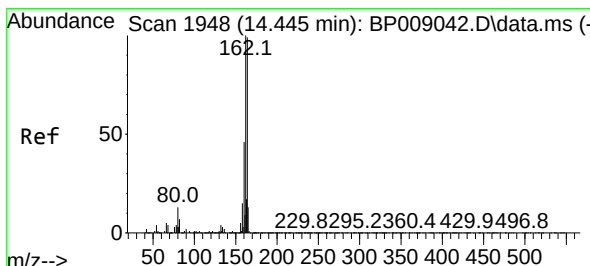
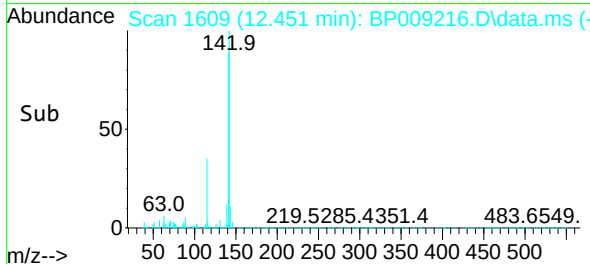
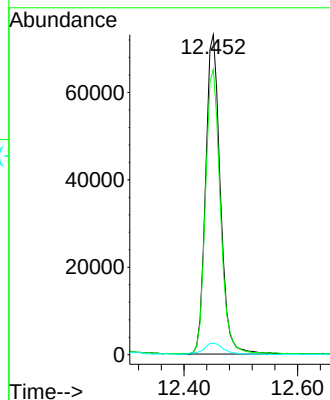
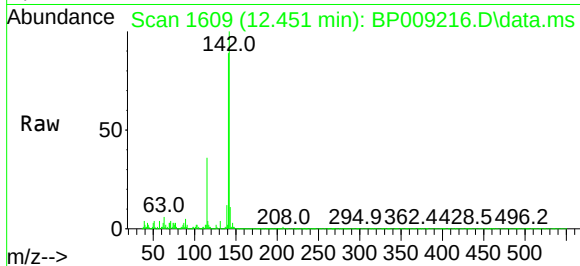




#38
1-Methylnaphthalene
Concen: 7.417 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

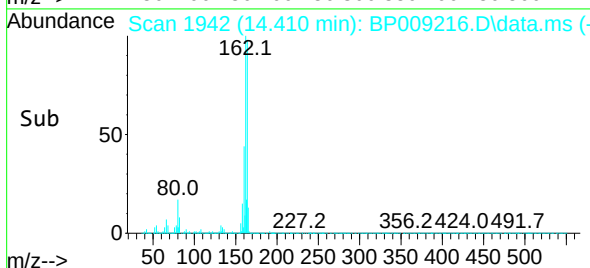
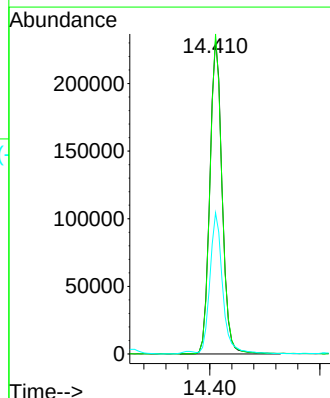
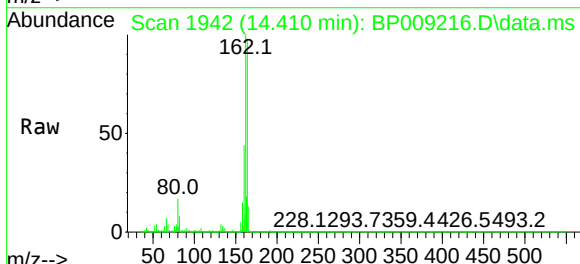
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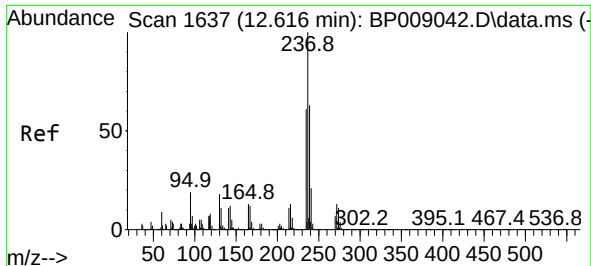
Tgt Ion:142 Resp: 130098
Ion Ratio Lower Upper
142 100
141 89.2 73.2 109.8
116 3.5 2.7 4.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:164 Resp: 358935
Ion Ratio Lower Upper
164 100
162 101.8 79.9 119.9
160 44.9 35.5 53.3

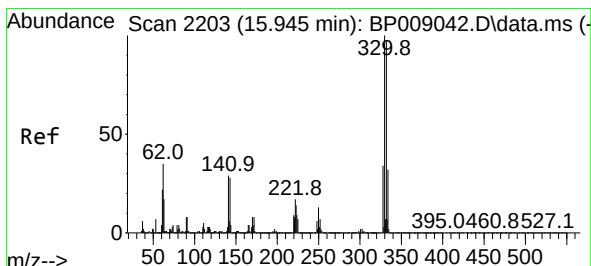
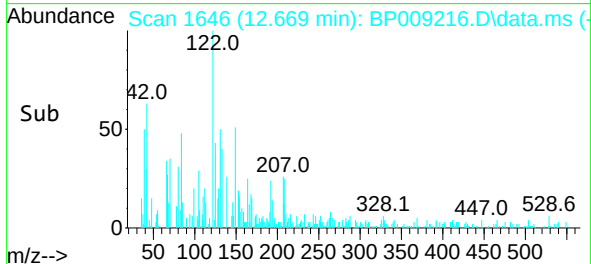
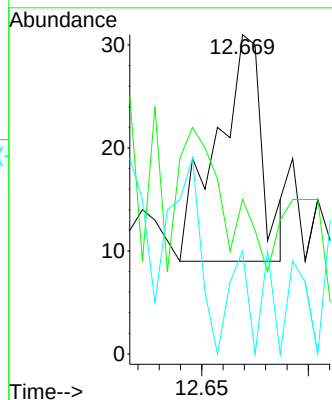
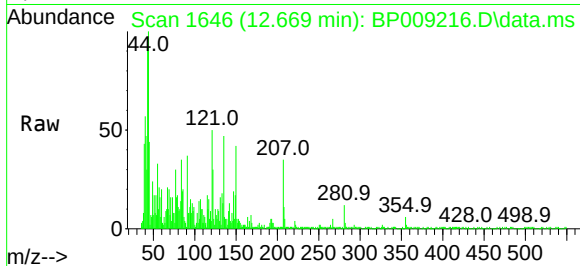




#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.669 min Scan# 1
Delta R.T. 0.094 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

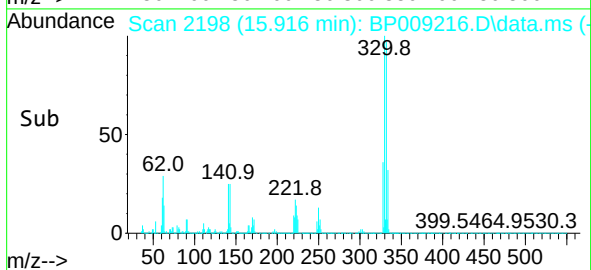
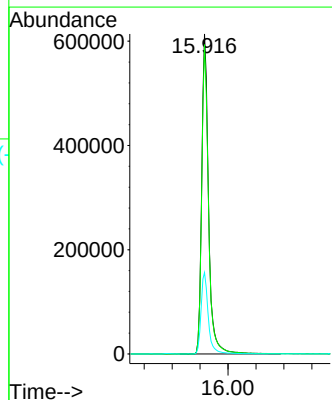
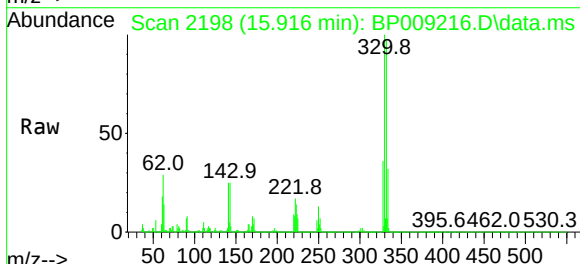
Instrument :
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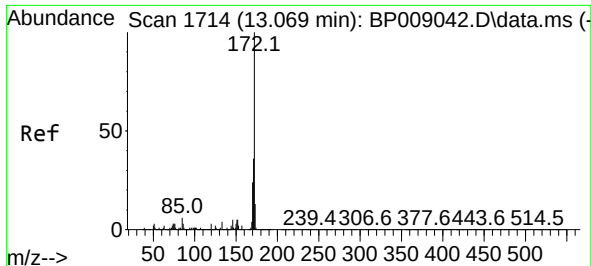
Tgt Ion:	237	Resp:	33
Ion	Ratio	Lower	Upper
237	100		
235	48.4	42.9	82.9
272	32.3	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 217.963 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:	330	Resp:	1044574
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	26.8	21.3	31.9

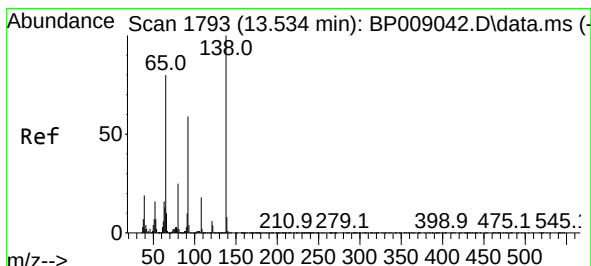
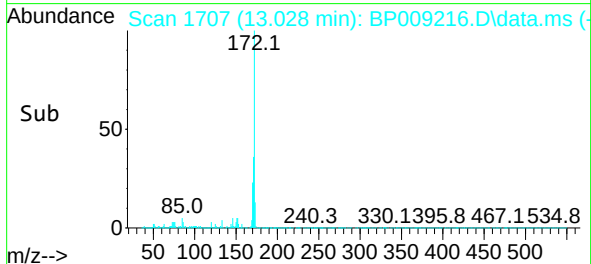
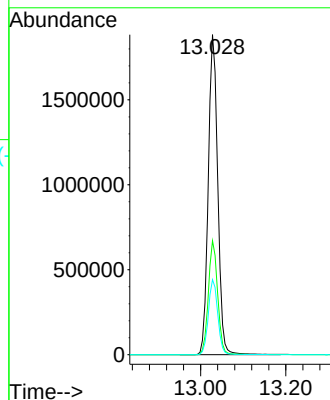
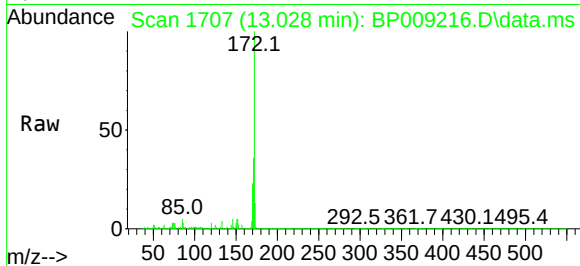




#45
2-Fluorobiphenyl
Concen: 113.334 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

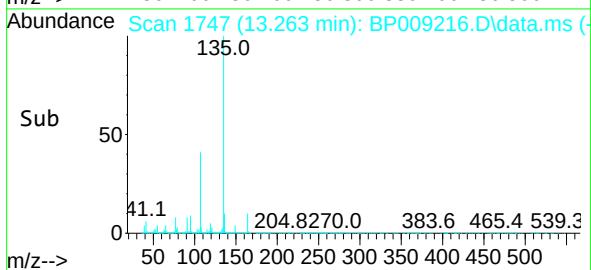
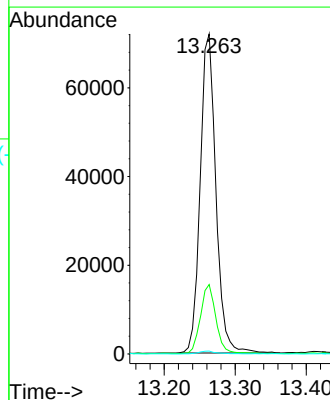
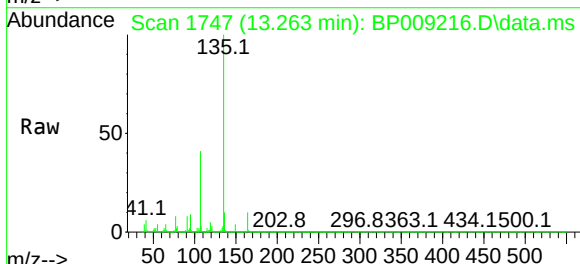
Instrument :
BNA_P
ClientSampleId :
MW-16SR

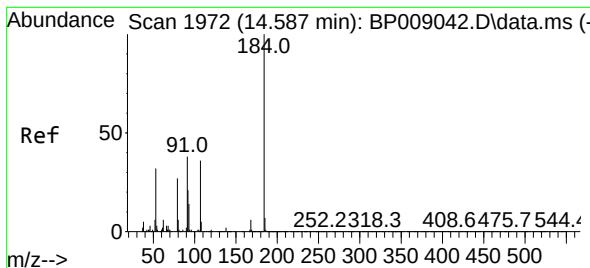
Tgt Ion:172 Resp: 2905912
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.5 19.5 29.3



#48
2-Nitroaniline
Concen: 22.824 ng
RT: 13.263 min Scan# 1747
Delta R.T. -0.253 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion: 65 Resp: 110824
Ion Ratio Lower Upper
65 100
92 21.7 62.2 93.4#
138 0.9 105.8 158.8#





#54

2,4-Dinitrophenol

Concen: 2.171 ng

RT: 14.563 min Scan# 1968

Delta R.T. -0.024 min

Lab File: BP009216.D

Acq: 18 Feb 2022 16:28

Instrument :

BNA_P

ClientSampleId :

MW-16SR

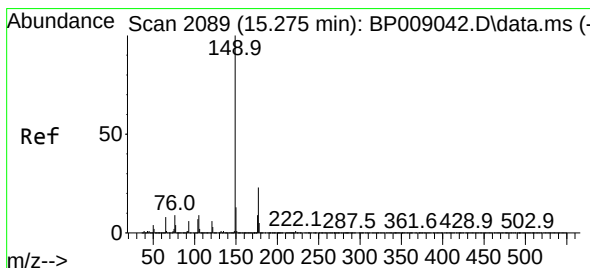
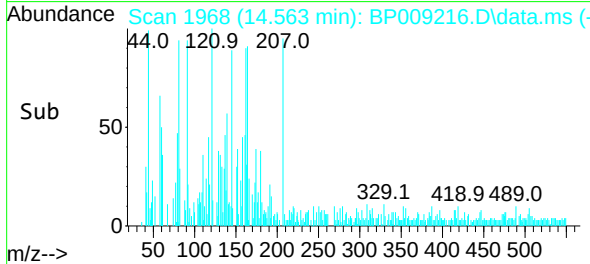
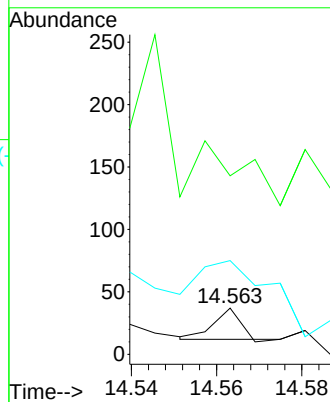
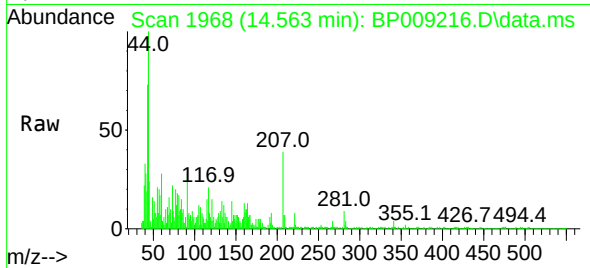
Tgt Ion:184 Resp: 10

Ion Ratio Lower Upper

184 100

63 386.5 35.6 53.4#

154 202.7 43.4 65.0#



#60

Diethylphthalate

Concen: 4.547 ng

RT: 15.240 min Scan# 2083

Delta R.T. -0.006 min

Lab File: BP009216.D

Acq: 18 Feb 2022 16:28

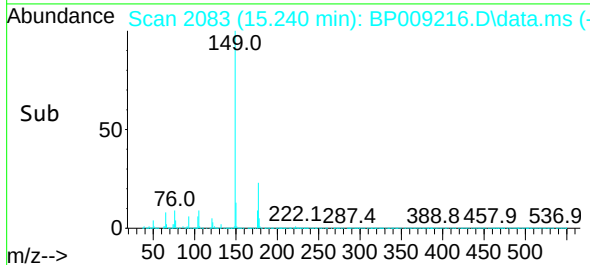
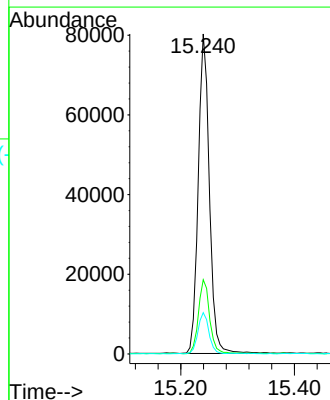
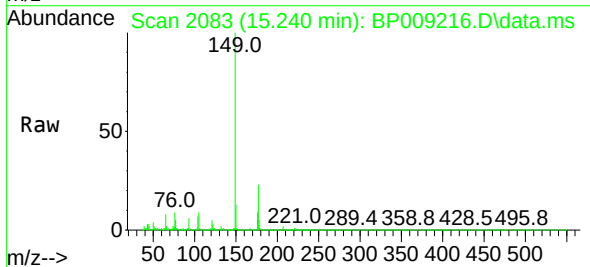
Tgt Ion:149 Resp: 109996

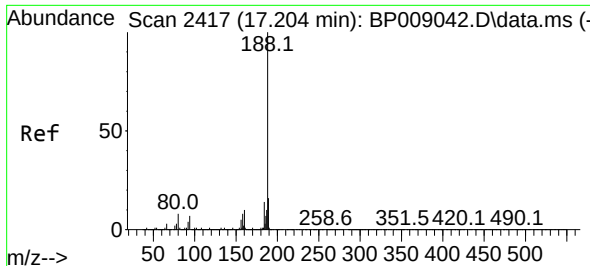
Ion Ratio Lower Upper

149 100

177 23.2 19.9 29.9

150 12.9 10.3 15.5

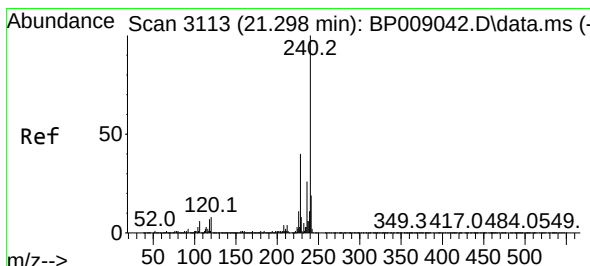
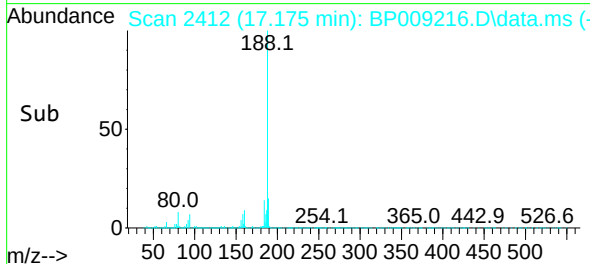
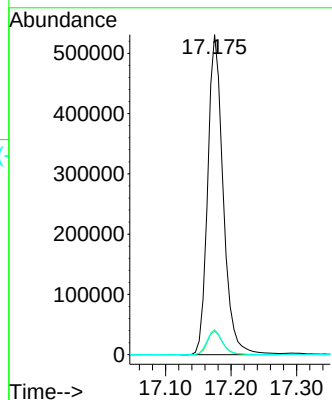
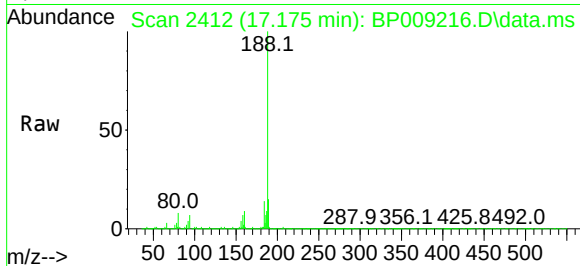




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

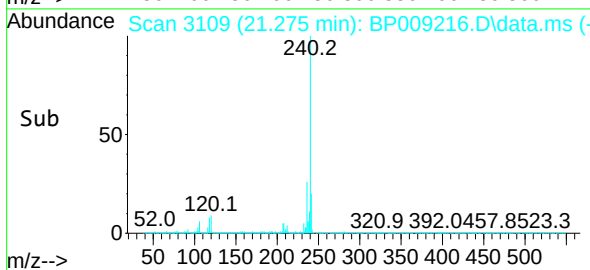
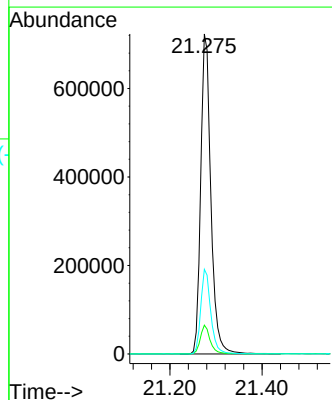
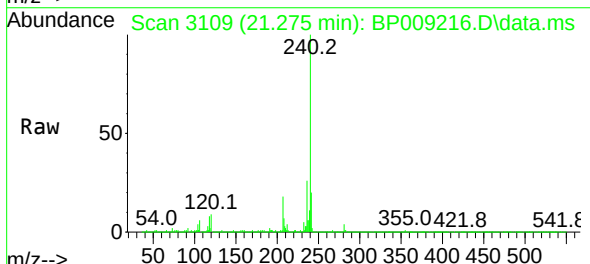
Instrument :
BNA_P
ClientSampleId :
MW-16SR

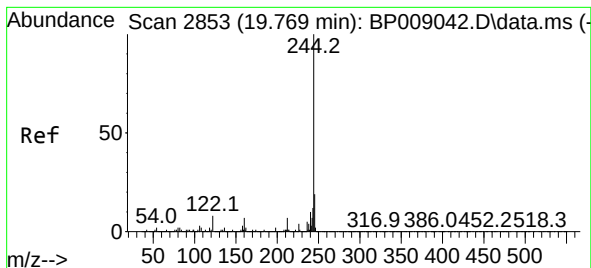
Tgt Ion:188 Resp: 871767
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP009216.D
Acq: 18 Feb 2022 16:28

Tgt Ion:240 Resp: 1106225
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 97.511 ng

RT: 19.739 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009216.D

Acq: 18 Feb 2022 16:28

Instrument :

BNA_P

ClientSampleId :

MW-16SR

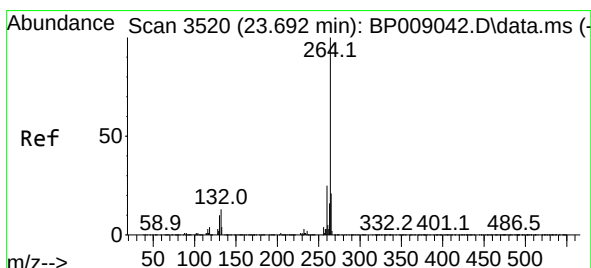
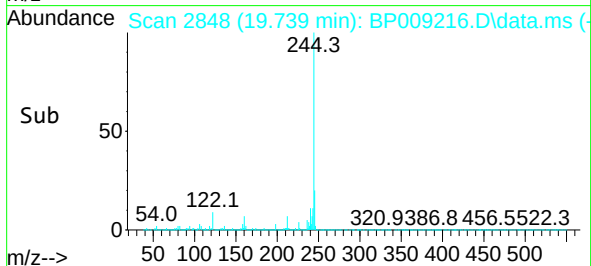
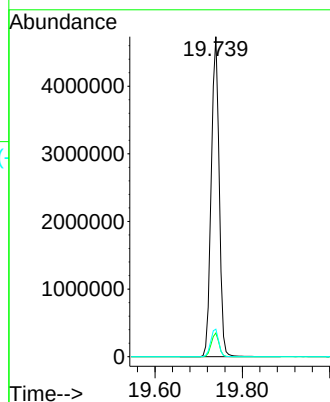
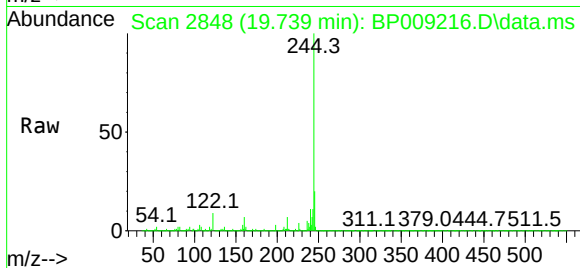
Tgt Ion:244 Resp: 5998303

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.6 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.663 min Scan# 3515

Delta R.T. -0.000 min

Lab File: BP009216.D

Acq: 18 Feb 2022 16:28

Tgt Ion:264 Resp: 1320331

Ion Ratio Lower Upper

264 100

260 24.5 19.1 28.7

265 22.0 17.1 25.7

