

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009606.D
 Acq On : 29 Mar 2022 21:53
 Operator : CG/JU
 Sample : N2157-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHD

Quant Time: Mar 30 04:11:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

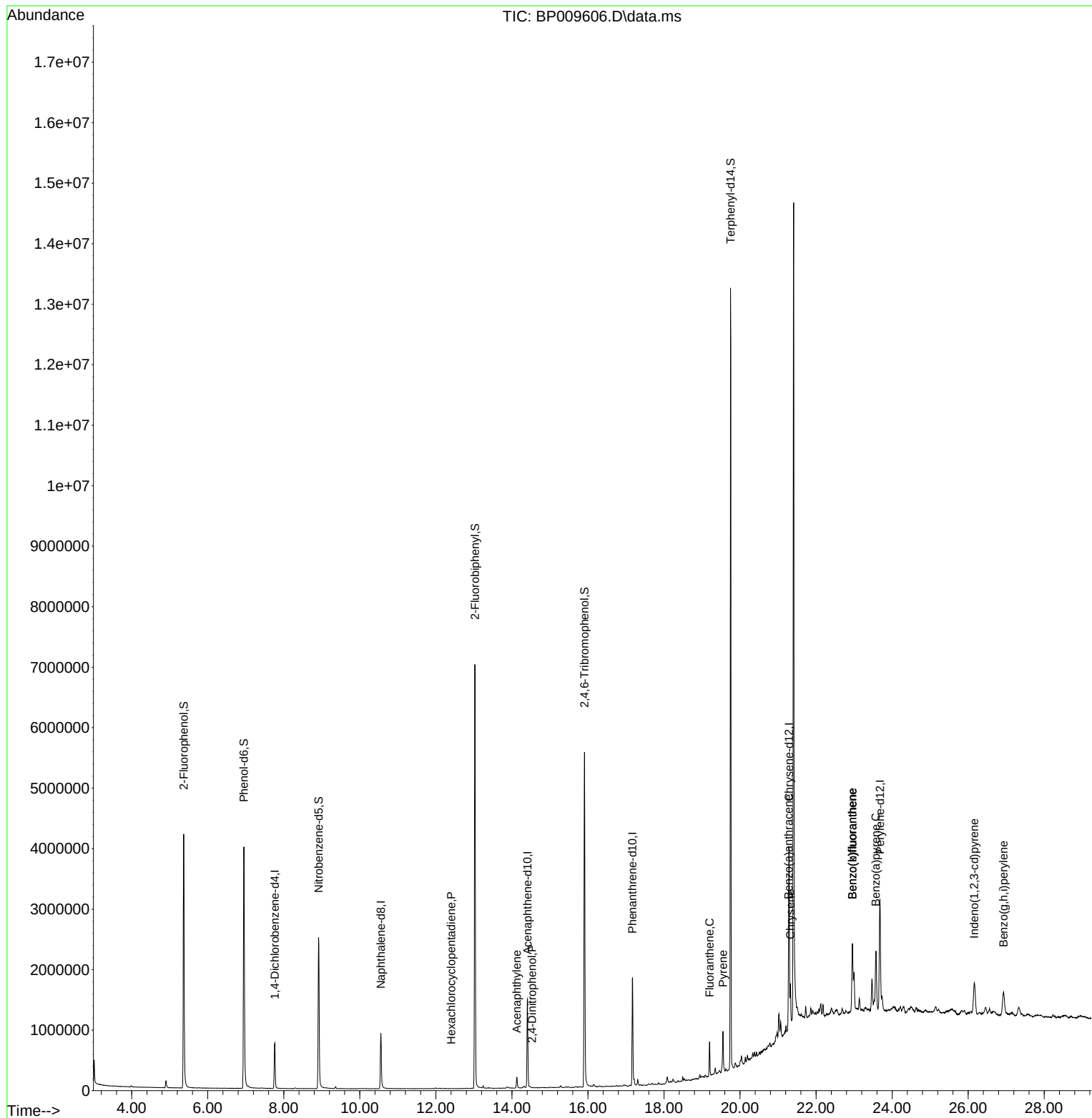
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	239353	20.000	ng	0.00
21) Naphthalene-d8	10.551	136	938714	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	590326	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1245240	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1394829	20.000	ng	0.00
86) Perylene-d12	23.680	264	1551547	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2242947	163.609	ng	0.00
7) Phenol-d6	6.951	99	2849559	153.700	ng	0.00
23) Nitrobenzene-d5	8.916	82	1773085	100.374	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1298268	133.273	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	4123961	96.845	ng	0.00
79) Terphenyl-d14	19.751	244	6838385	87.998	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.898	77	587	Below Cal	#	55
41) Hexachlorocyclopentadiene	12.404	237	20	7.290	ng	85
49) Acenaphthylene	14.128	152	164461	3.073	ng	99
54) 2,4-Dinitrophenol	14.528	184	118	4.552	ng	# 1
75) Fluoranthene	19.198	202	353145	4.376	ng	98
78) Pyrene	19.551	202	444409	4.835	ng	99
81) Benzo(a)anthracene	21.274	228	490114	5.348	ng	94
83) Chrysene	21.327	228	446664	5.147	ng	98
87) Indeno(1,2,3-cd)pyrene	26.162	276	550047	4.673	ng	# 93
88) Benzo(b)fluoranthene	22.956	252	968648	10.458	ng	99
89) Benzo(k)fluoranthene	22.956	252	968648	10.681	ng	98
90) Benzo(a)pyrene	23.574	252	777389	9.810	ng	99
92) Benzo(g,h,i)perylene	26.933	276	568238	5.888	ng	94

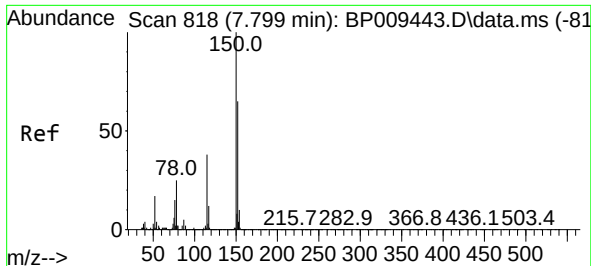
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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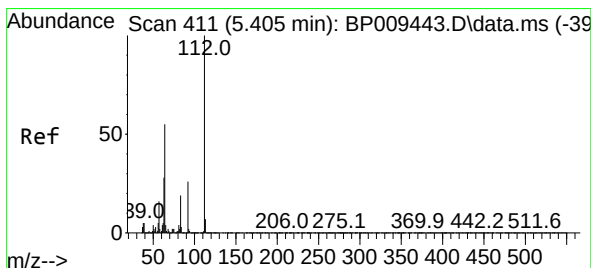
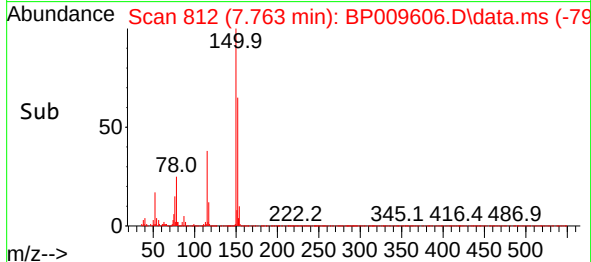
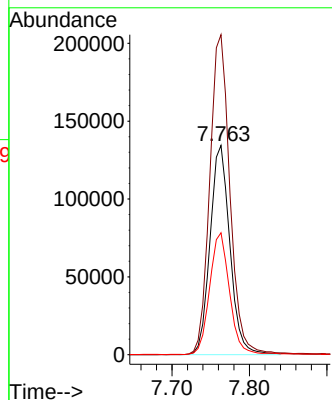
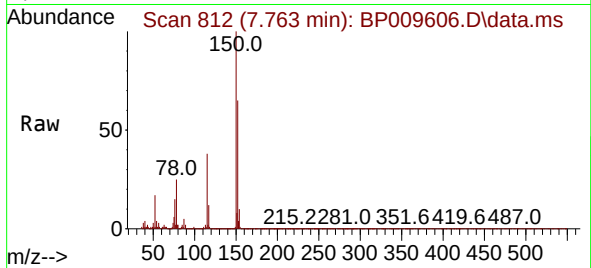




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

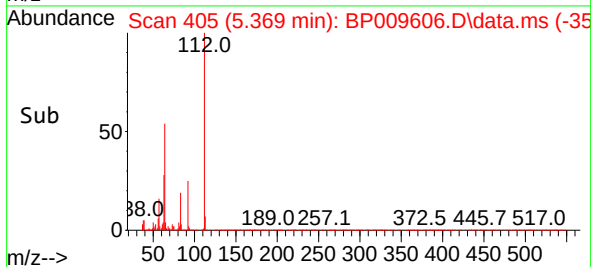
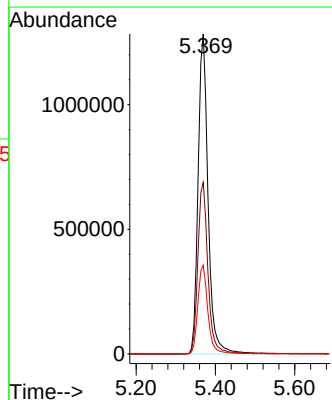
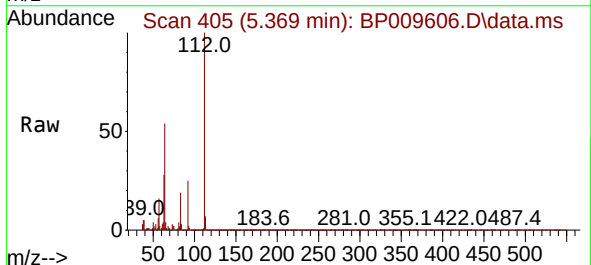
Instrument :
BNA_P
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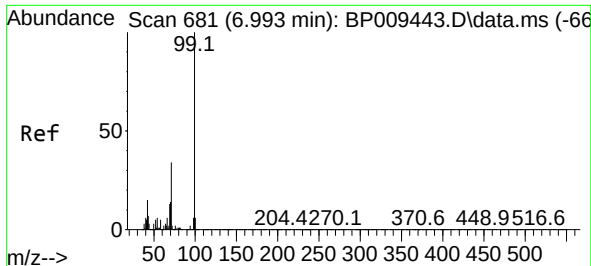
Tgt Ion:152 Resp: 239353
Ion Ratio Lower Upper
152 100
150 153.0 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 163.609 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.000 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:112 Resp: 2242947
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 27.8 23.0 34.6

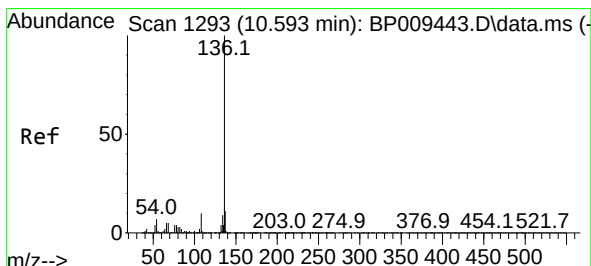
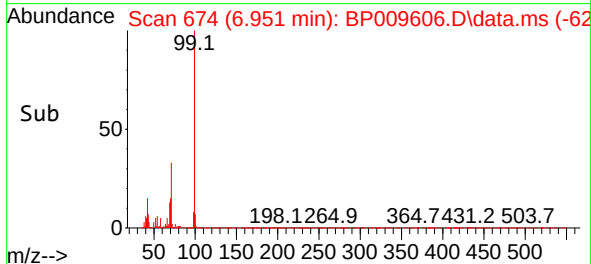
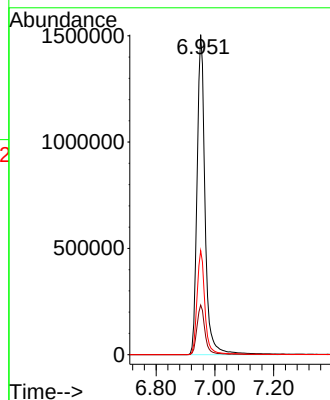
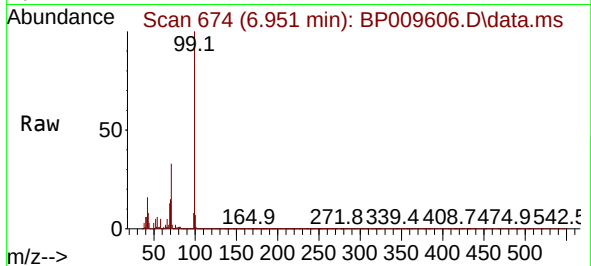




#7
Phenol-d6
Concen: 153.700 ng
RT: 6.951 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

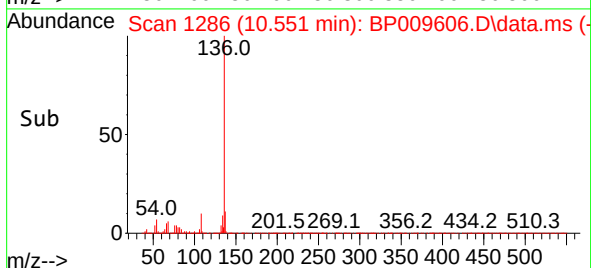
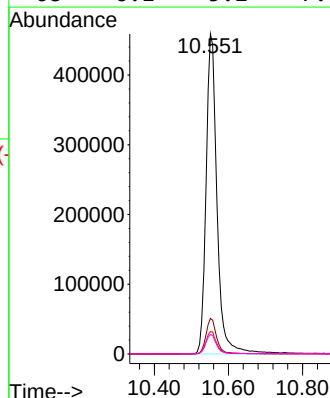
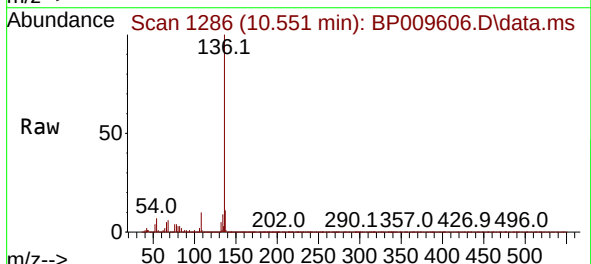
Instrument :
BNA_P
ClientSampleId :
MHD

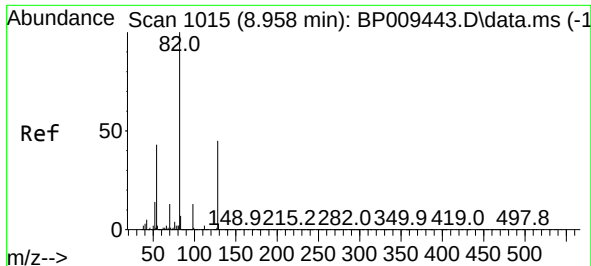
Tgt Ion: 99 Resp: 2849559
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.5 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion: 136 Resp: 938714
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8

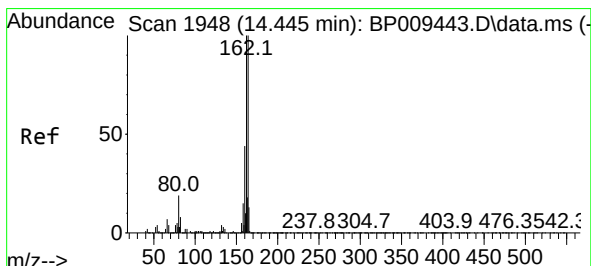
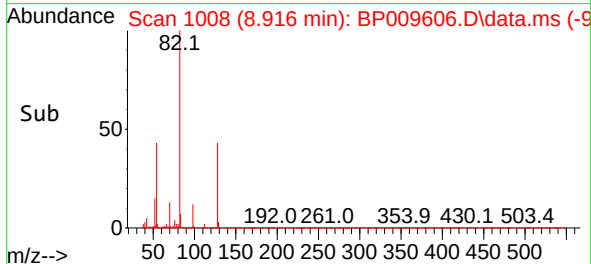
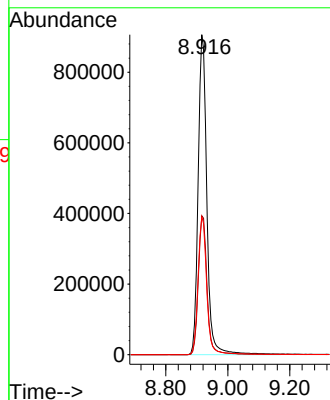
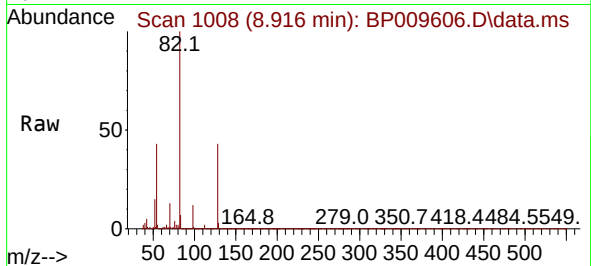




#23
Nitrobenzene-d5
Concen: 100.374 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

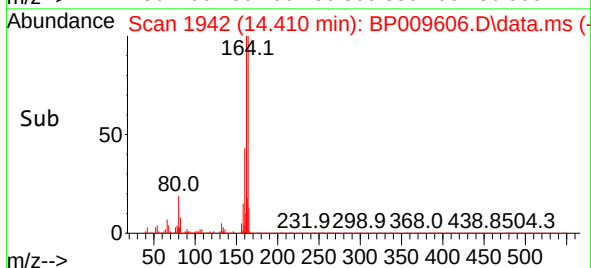
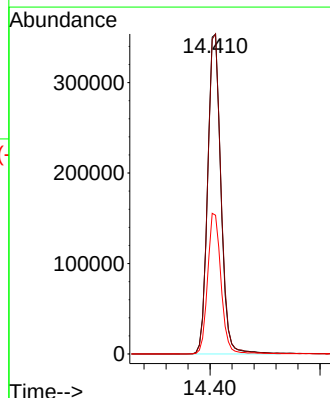
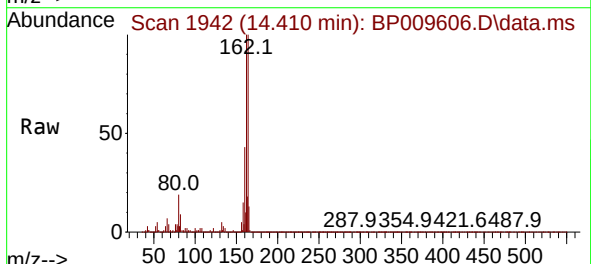
Instrument :
BNA_P
ClientSampleId :
MHD

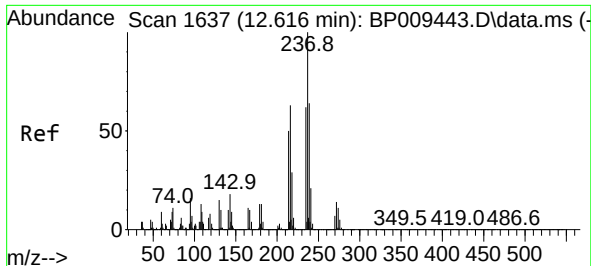
Tgt Ion: 82 Resp: 1773085
Ion Ratio Lower Upper
82 100
128 43.4 34.2 51.4
54 43.1 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:164 Resp: 590326
Ion Ratio Lower Upper
164 100
162 100.1 79.1 118.7
160 43.4 34.9 52.3

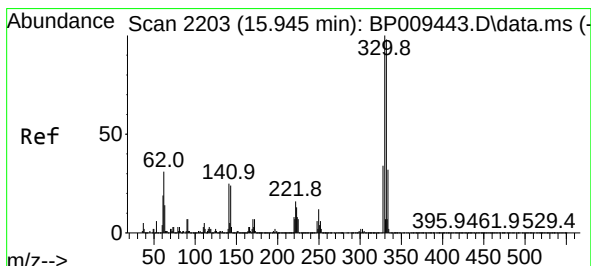
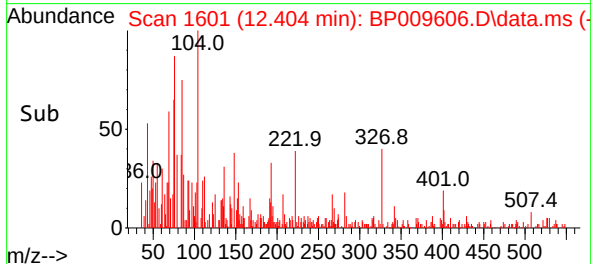
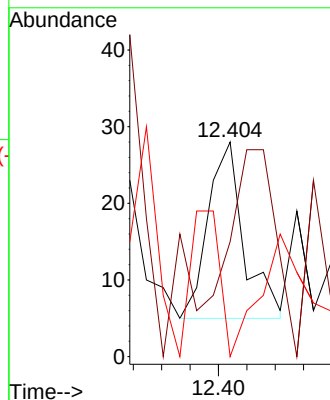
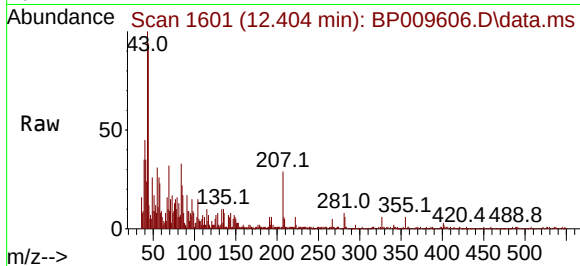




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.404 min Scan# 1
Delta R.T. -0.171 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

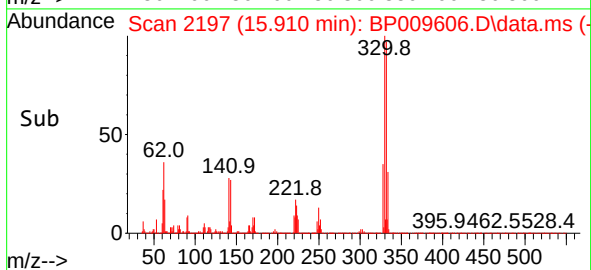
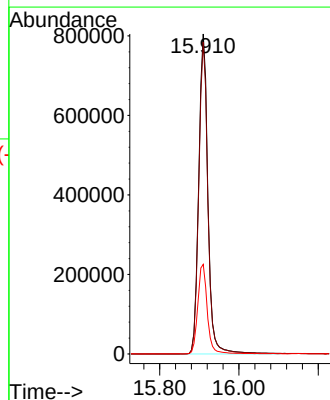
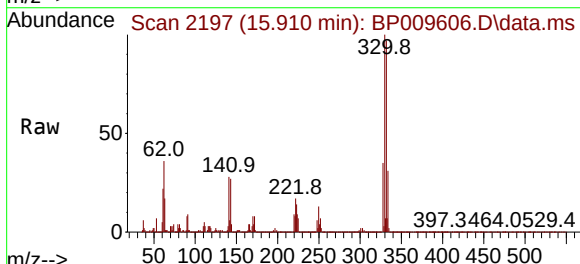
Instrument :
BNA_P
ClientSampleId :
MHD

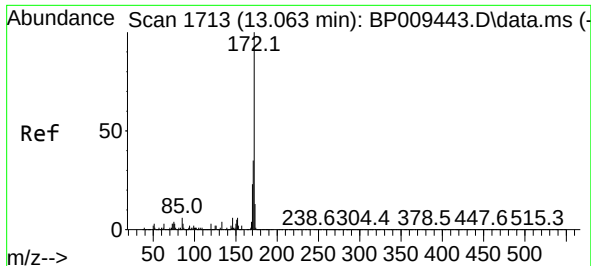
Tgt Ion:	237	Resp:	20
Ion	Ratio	Lower	Upper
237	100		
235	53.6	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 133.273 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:	330	Resp:	1298268
Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	28.9	27.6	41.4

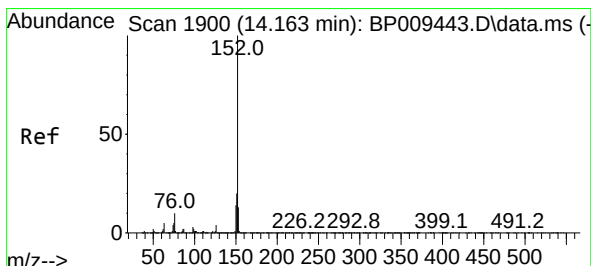
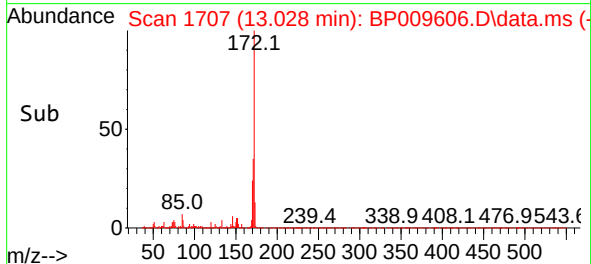
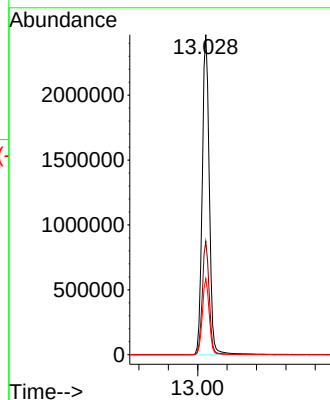
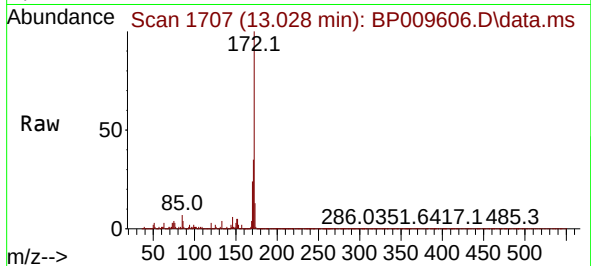




#45
2-Fluorobiphenyl
Concen: 96.845 ng
RT: 13.028 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

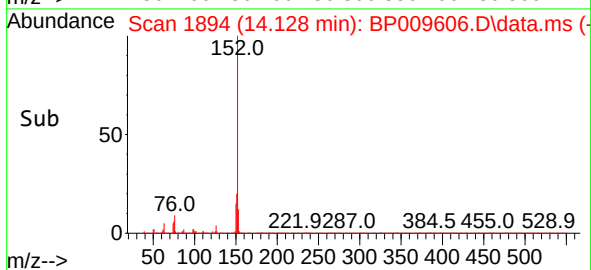
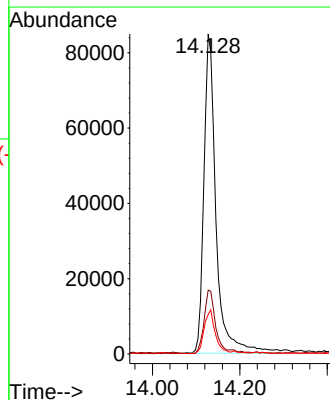
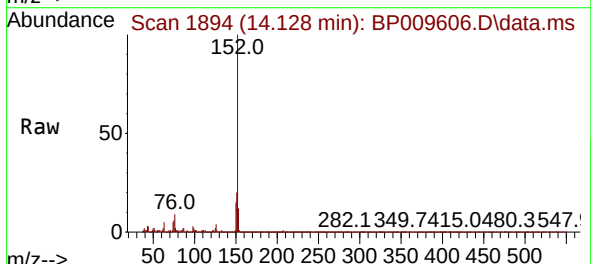
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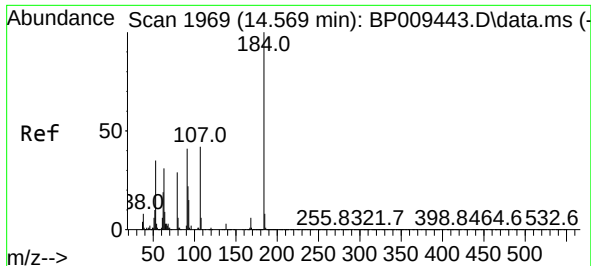
Tgt Ion:172 Resp: 4123961
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.8 18.6 27.8



#49
Acenaphthylene
Concen: 3.073 ng
RT: 14.128 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:152 Resp: 164461
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 12.3 10.7 16.1

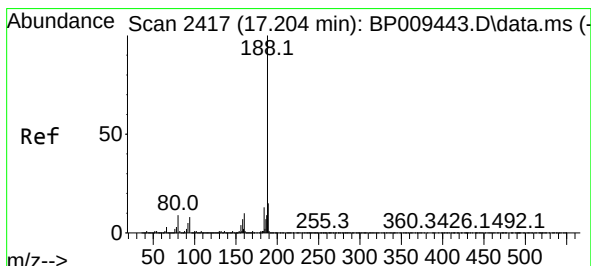
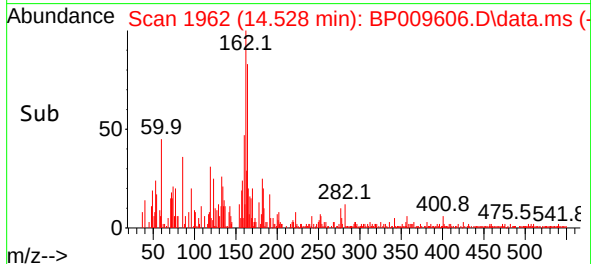
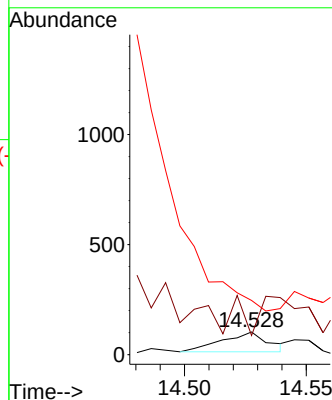
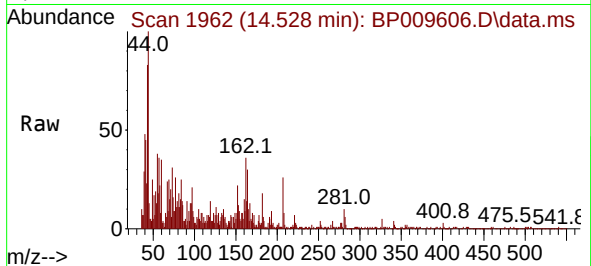




#54
2,4-Dinitrophenol
Concen: 4.552 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.024 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

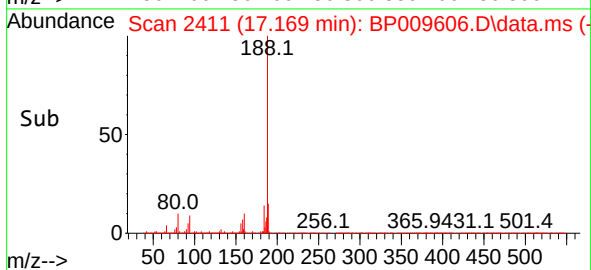
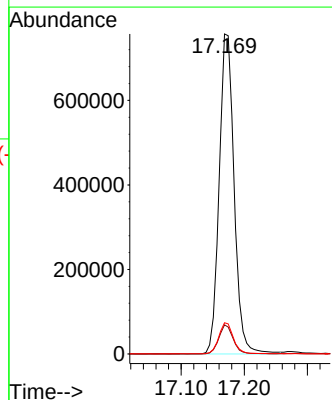
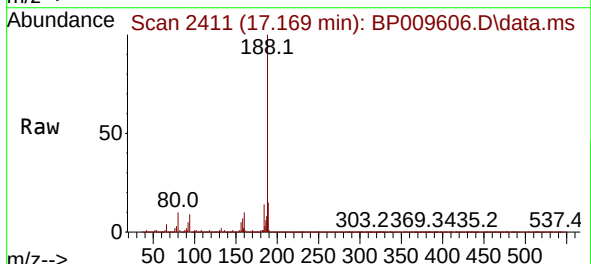
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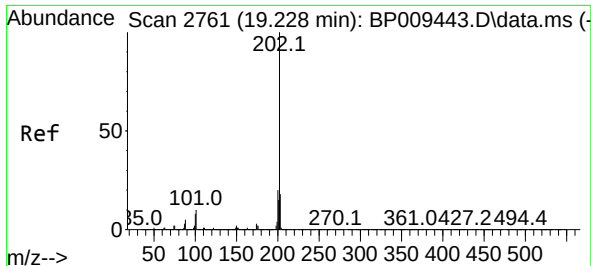
Tgt Ion:184 Resp: 118
Ion Ratio Lower Upper
184 100
63 96.4 46.3 69.5#
154 221.6 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:188 Resp: 1245240
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.8 8.8 13.2

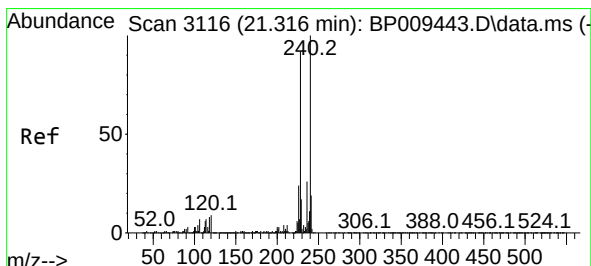
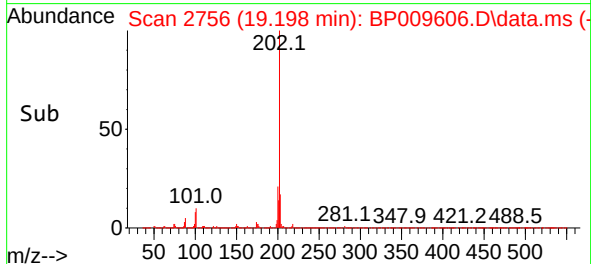
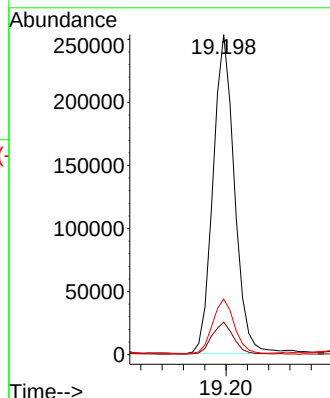
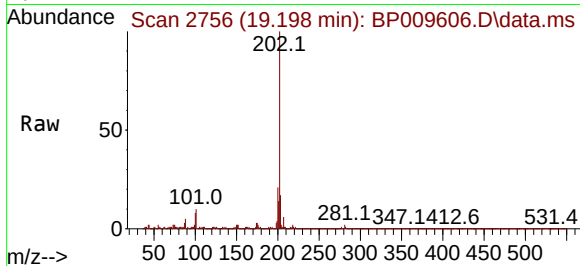




#75
Fluoranthene
Concen: 4.376 ng
RT: 19.198 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

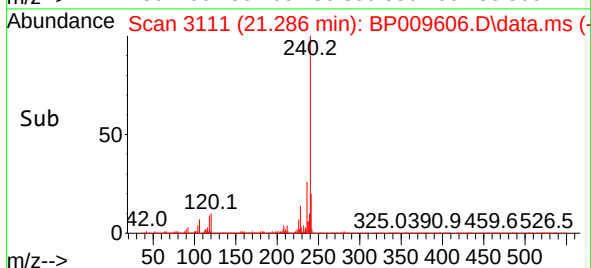
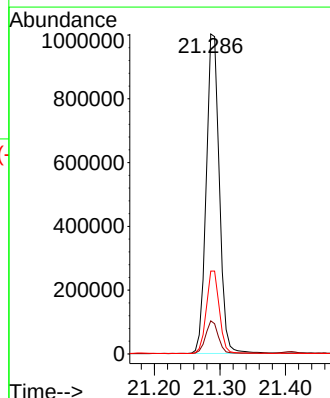
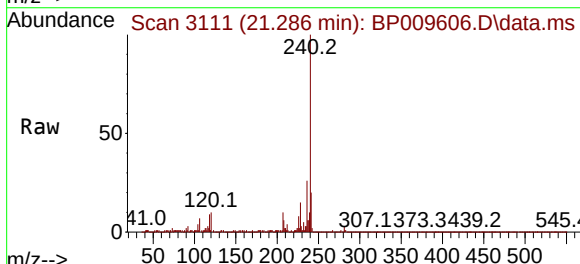
Instrument :
BNA_P
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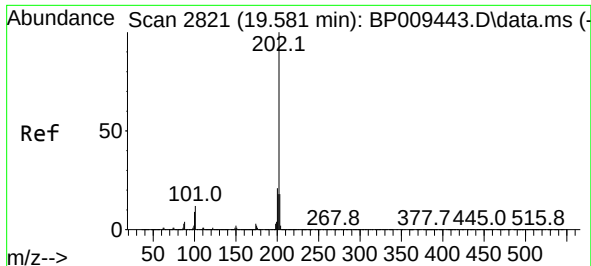
Tgt Ion:202 Resp: 353145
Ion Ratio Lower Upper
202 100
101 10.2 0.0 31.5
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:240 Resp: 1394829
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.9 20.6 30.8

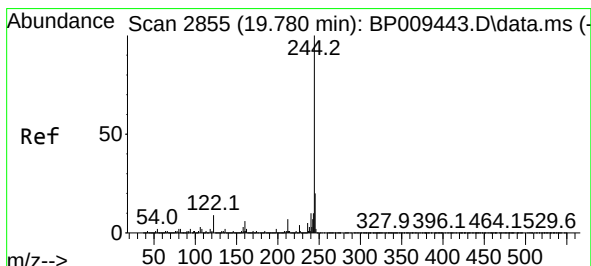
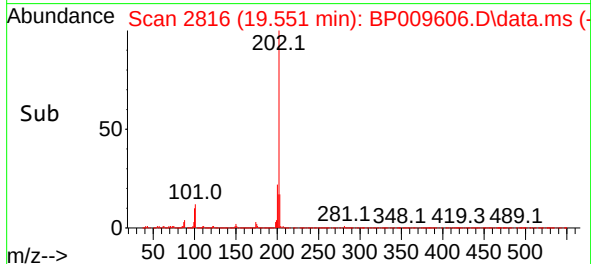
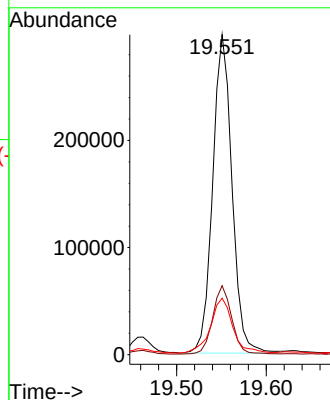
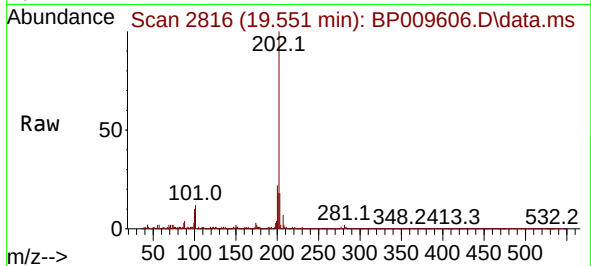




#78
Pyrene
Concen: 4.835 ng
RT: 19.551 min Scan# 2816
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

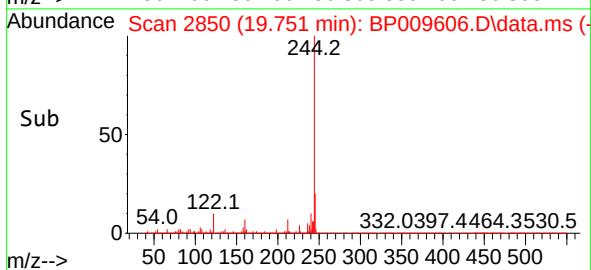
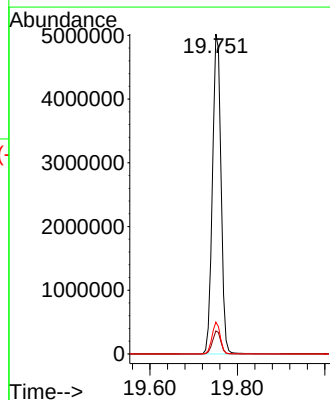
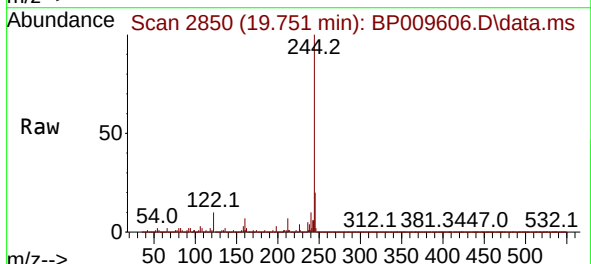
Instrument :
BNA_P
ClientSampleId :
MHD

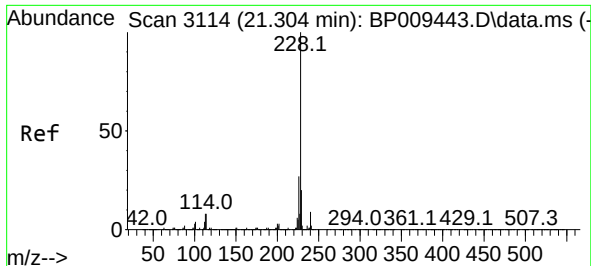
Tgt Ion:202 Resp: 444409
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 17.7 14.2 21.4



#79
Terphenyl-d14
Concen: 87.998 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:244 Resp: 6838385
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 10.0 8.3 12.5

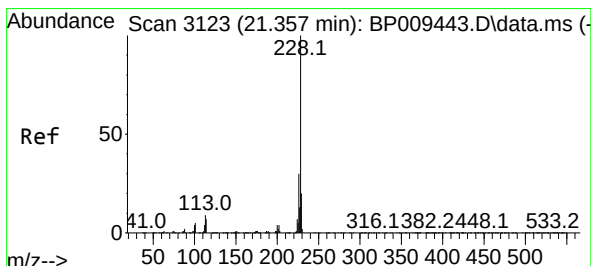
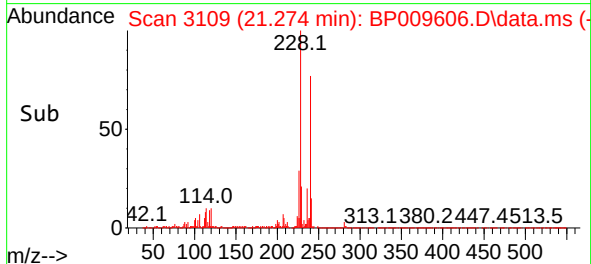
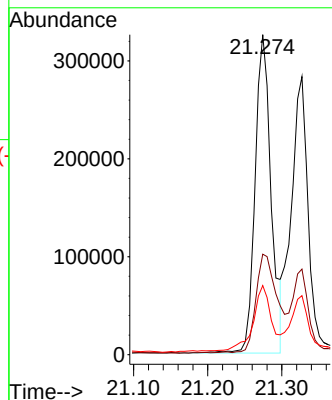
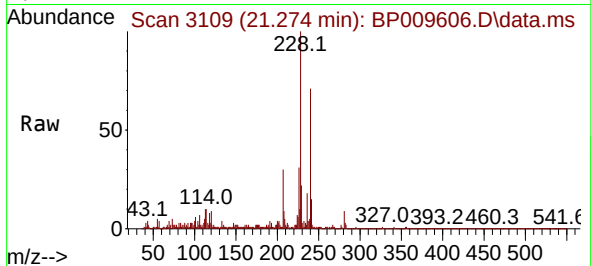




#81
Benzo(a)anthracene
Concen: 5.348 ng
RT: 21.274 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

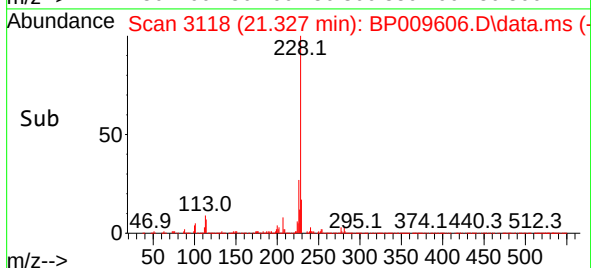
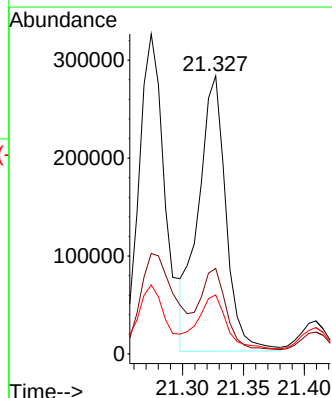
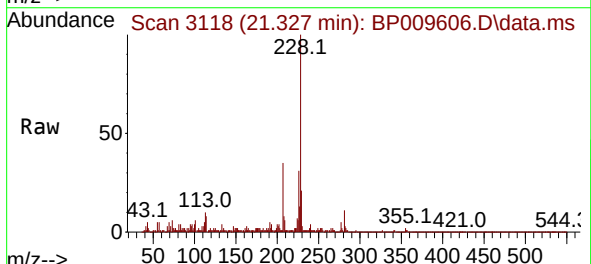
Instrument :
BNA_P
ClientSampleId :
MHD

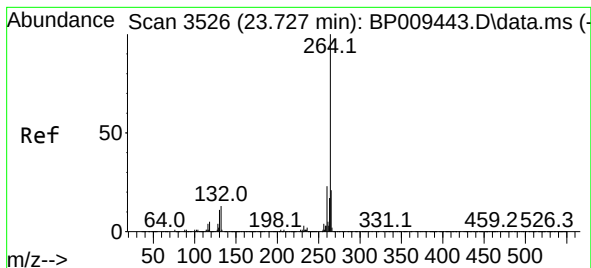
Tgt Ion:228 Resp: 490114
Ion Ratio Lower Upper
228 100
226 31.4 22.0 33.0
229 21.6 16.1 24.1



#83
Chrysene
Concen: 5.147 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:228 Resp: 446664
Ion Ratio Lower Upper
228 100
226 30.8 24.2 36.2
229 21.3 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.680 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009606.D

Acq: 29 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

MHD

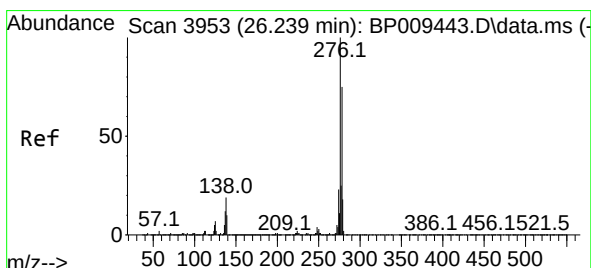
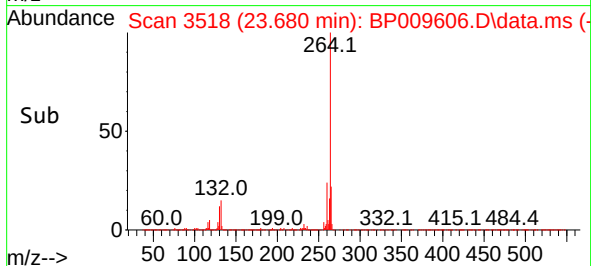
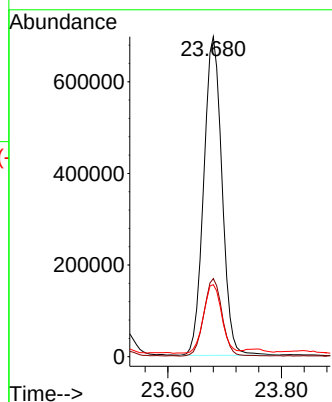
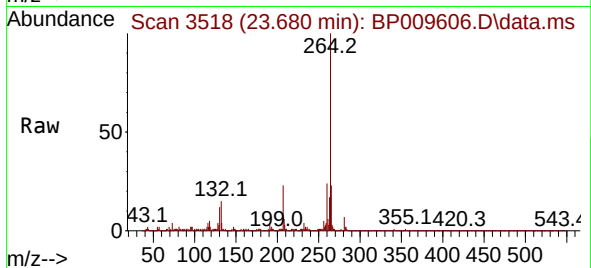
Tgt Ion:264 Resp: 1551547

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.0

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.673 ng

RT: 26.162 min Scan# 3940

Delta R.T. -0.018 min

Lab File: BP009606.D

Acq: 29 Mar 2022 21:53

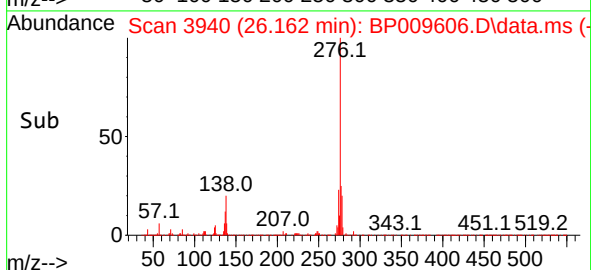
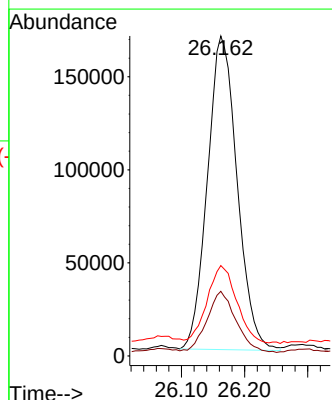
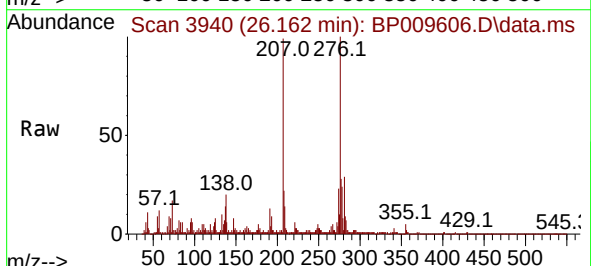
Tgt Ion:276 Resp: 550047

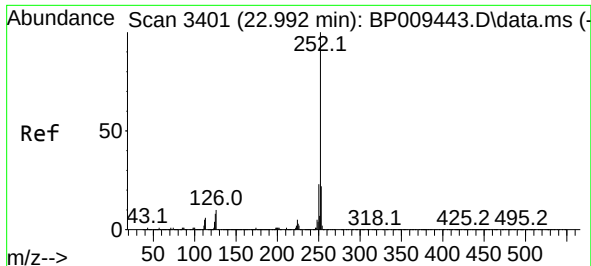
Ion Ratio Lower Upper

276 100

138 19.1 20.5 30.7#

277 24.4 20.4 30.6

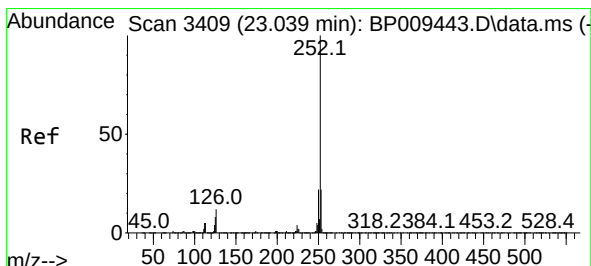
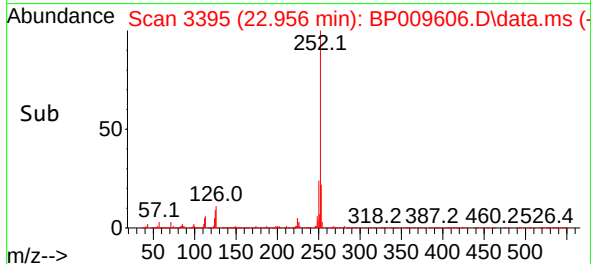
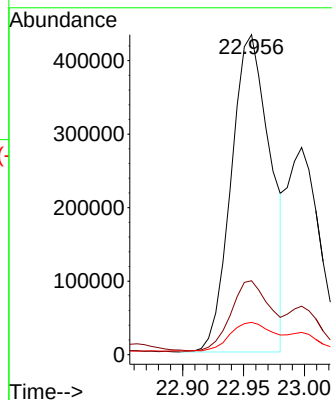
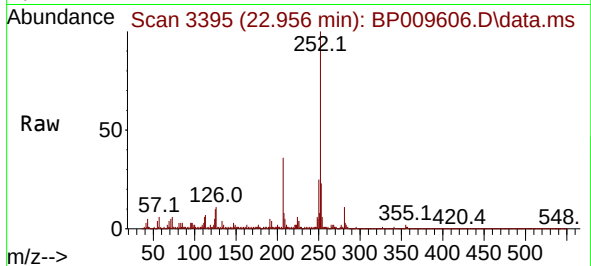




#88
Benzo(b)fluoranthene
Concen: 10.458 ng
RT: 22.956 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

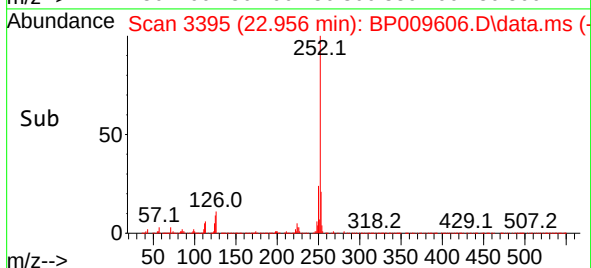
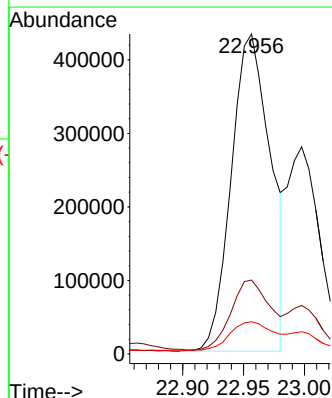
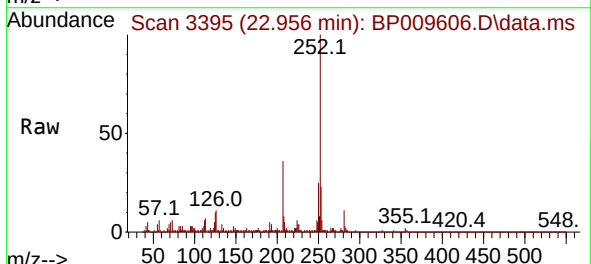
Instrument :
BNA_P
ClientSampleId :
MHD

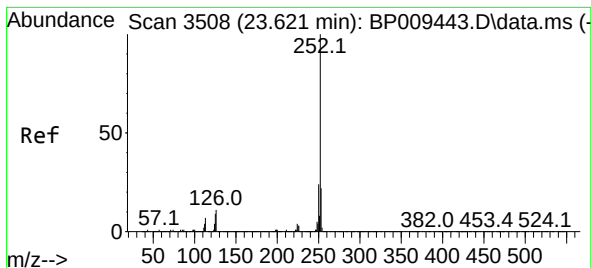
Tgt Ion:252 Resp: 968648
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.1 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 10.681 ng
RT: 22.956 min Scan# 3395
Delta R.T. -0.047 min
Lab File: BP009606.D
Acq: 29 Mar 2022 21:53

Tgt Ion:252 Resp: 968648
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.1 8.3 12.5





#90

Benzo(a)pyrene

Concen: 9.810 ng

RT: 23.574 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009606.D

Acq: 29 Mar 2022 21:53

Instrument :

BNA_P

ClientSampleId :

MHD

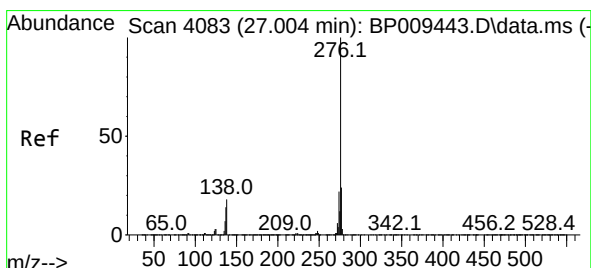
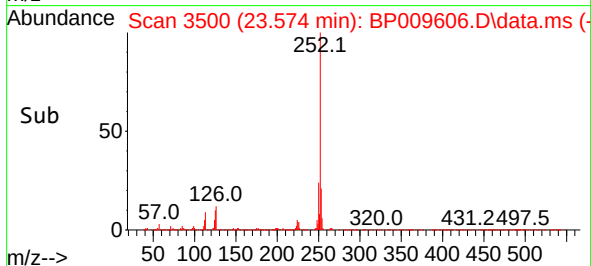
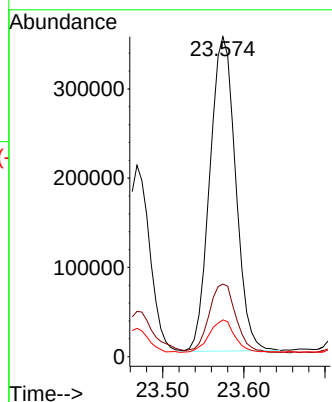
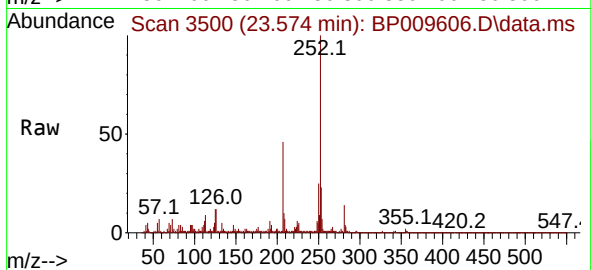
Tgt Ion:252 Resp: 777389

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

125 11.5 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 5.888 ng

RT: 26.933 min Scan# 4071

Delta R.T. -0.012 min

Lab File: BP009606.D

Acq: 29 Mar 2022 21:53

Tgt Ion:276 Resp: 568238

Ion Ratio Lower Upper

276 100

277 27.2 19.2 28.8

138 19.4 18.0 27.0

