

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
 Data File : BP009334.D
 Acq On : 09 Mar 2022 20:58
 Operator : CG/JU
 Sample : N1762-01DL2 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 282DL2

Quant Time: Mar 10 04:12:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

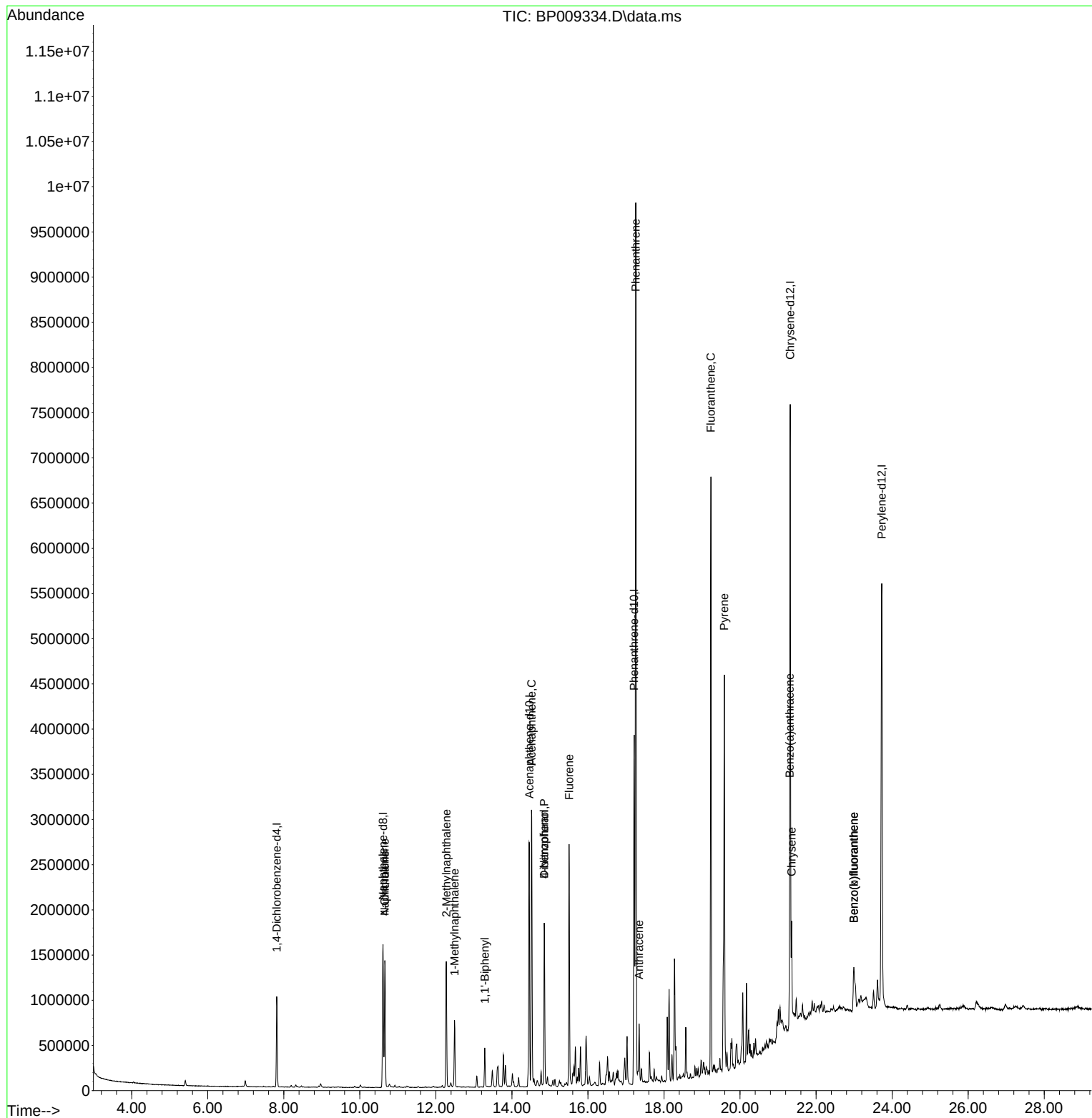
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	311600	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1442175	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1038038	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2471029	20.000	ng	0.00
76) Chrysene-d12	21.321	240	3225805	20.000	ng	0.00
86) Perylene-d12	23.727	264	3737459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	30045	1.407	ng	0.00
7) Phenol-d6	6.987	99	41512	1.530	ng	0.00
23) Nitrobenzene-d5	8.963	82	26713	1.020	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	21030	1.678	ng	-0.01
45) 2-Fluorobiphenyl	13.081	172	71024	0.941	ng	0.00
79) Terphenyl-d14	19.786	244	165218	0.967	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.657	128	1270637	15.910	ng	99
33) 4-Chloroaniline	10.657	127	161677	4.951	ng	# 28
37) 2-Methylnaphthalene	12.275	142	717015	12.636	ng	99
38) 1-Methylnaphthalene	12.492	142	372422	7.126	ng	99
46) 1,1'-Biphenyl	13.287	154	244809	2.889	ng	98
52) Acenaphthene	14.516	154	1185050	18.642	ng	99
55) Dibenzofuran	14.851	168	1278855	13.281	ng	99
56) 4-Nitrophenol	14.851	139	454719	34.045	ng	# 9
58) Fluorene	15.504	166	1249153	16.565	ng	98
71) Phenanthrene	17.257	178	6287223	44.273	ng	99
72) Anthracene	17.345	178	417190	2.951	ng	97
75) Fluoranthene	19.233	202	3959124	24.154	ng	99
78) Pyrene	19.586	202	2797768	12.846	ng	99
81) Benzo(a)anthracene	21.304	228	720044	3.293	ng	98
83) Chrysene	21.357	228	656694	3.093	ng	98
88) Benzo(b)fluoranthene	22.992	252	632221	2.505	ng	99
89) Benzo(k)fluoranthene	22.992	252	632221	2.622	ng	98

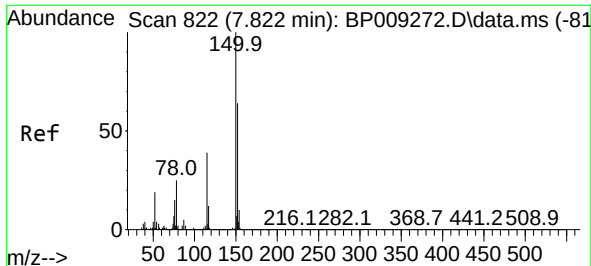
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 05 01:55:59 2022
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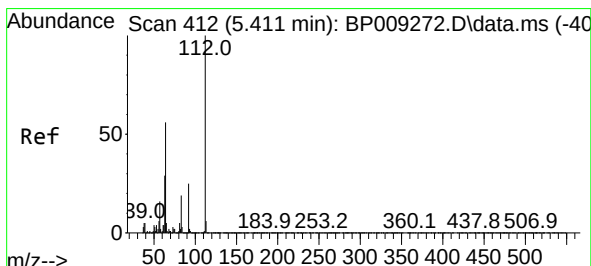
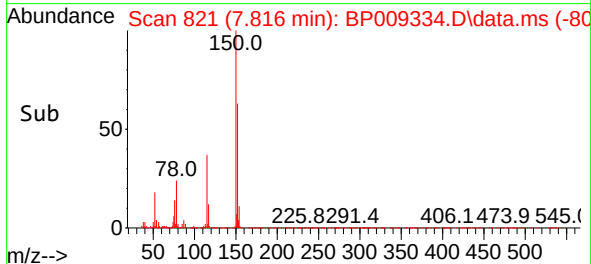
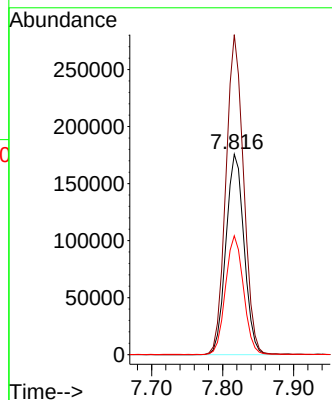
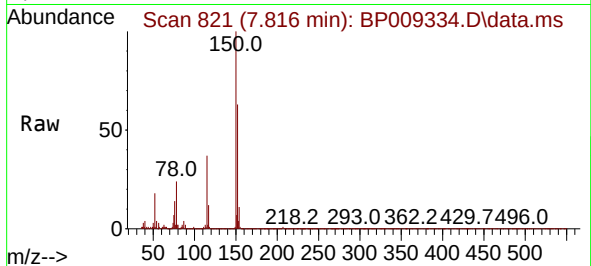




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

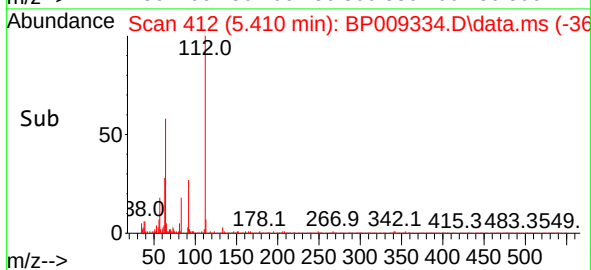
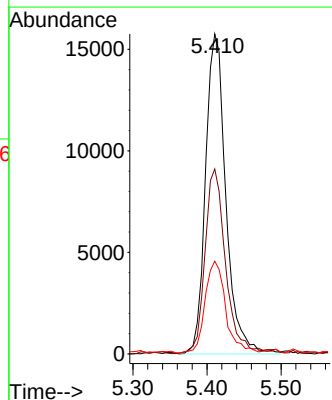
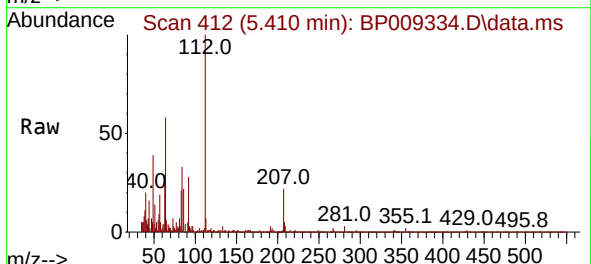
Instrument :
BNA_P
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282DL2

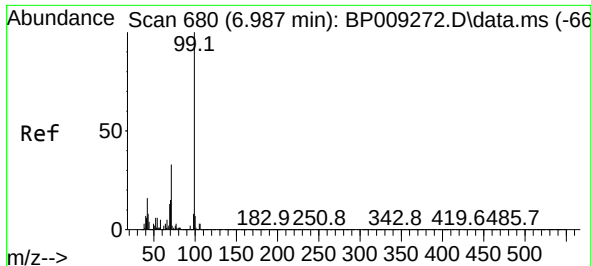
Tgt Ion:152 Resp: 311600
Ion Ratio Lower Upper
152 100
150 159.6 124.5 186.7
115 59.3 48.2 72.4



#5
2-Fluorophenol
Concen: 1.407 ng
RT: 5.410 min Scan# 412
Delta R.T. -0.000 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:112 Resp: 30045
Ion Ratio Lower Upper
112 100
64 57.8 45.0 67.4
63 29.0 23.0 34.6

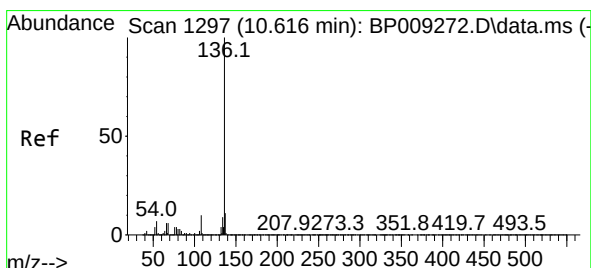
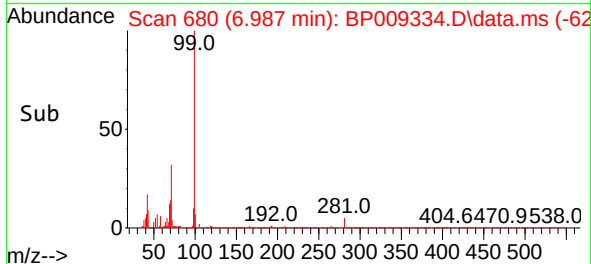
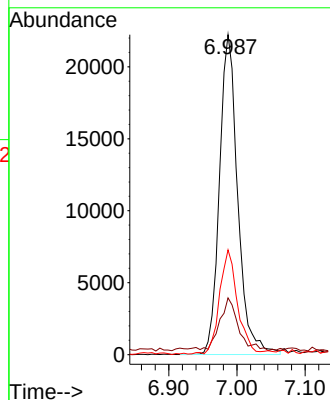
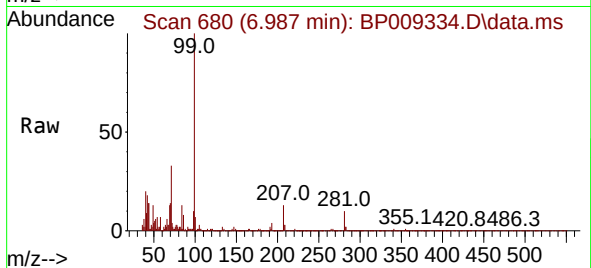




#7
Phenol-d6
Concen: 1.530 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

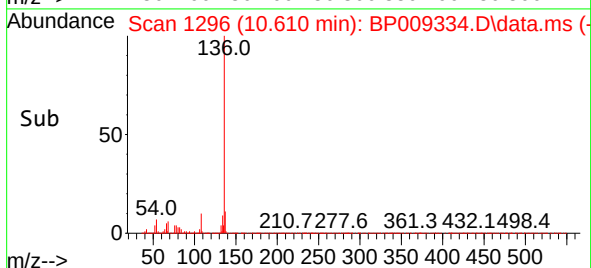
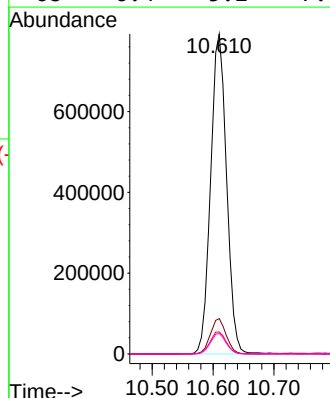
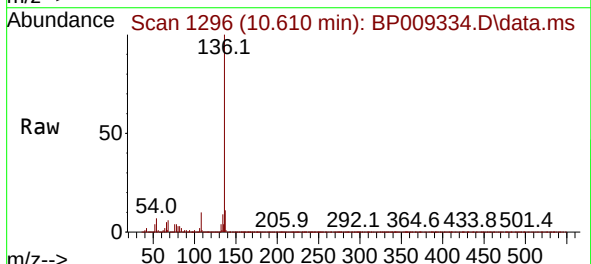
Instrument :
BNA_P
ClientSampleId :
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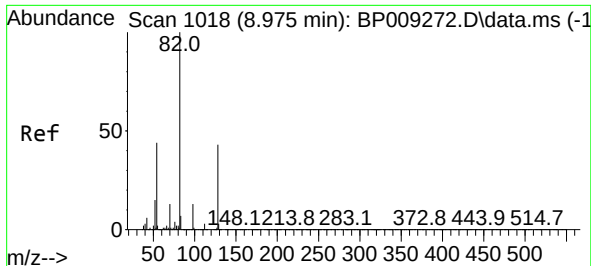
Tgt Ion:	99	Resp:	41512
Ion	Ratio	Lower	Upper
99	100		
42	17.7	12.8	19.2
71	32.8	26.3	39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:	136	Resp:	1442175
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	6.9	5.8	8.8
68	6.4	5.2	7.8

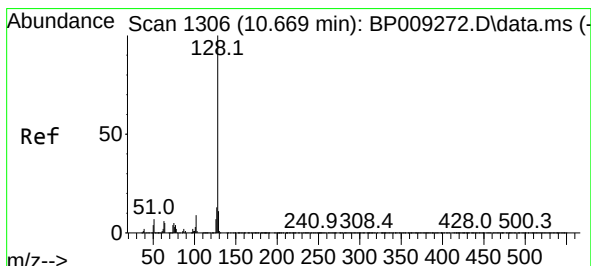
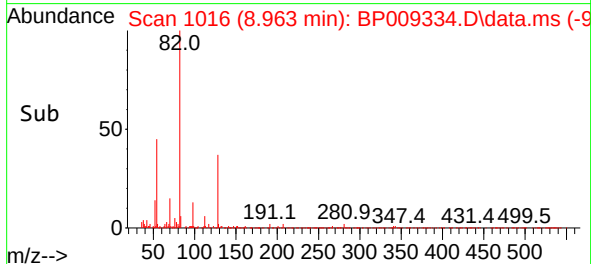
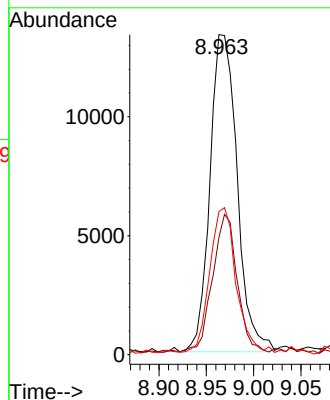
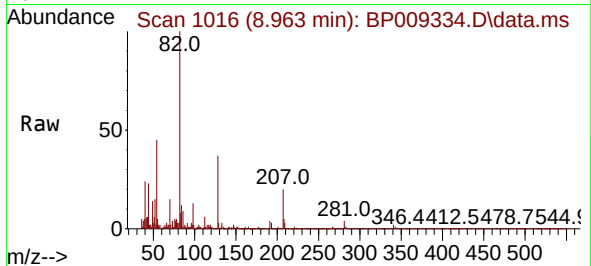




#23
Nitrobenzene-d5
Concen: 1.020 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

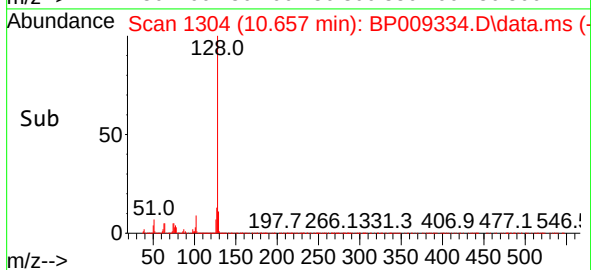
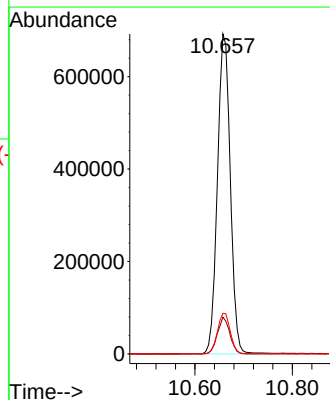
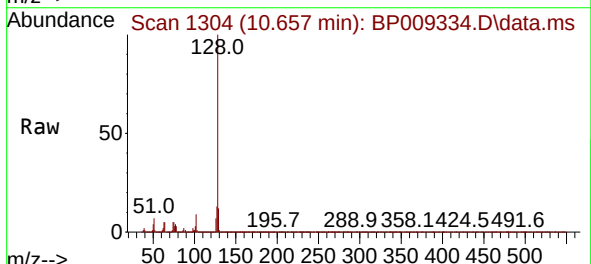
Instrument :
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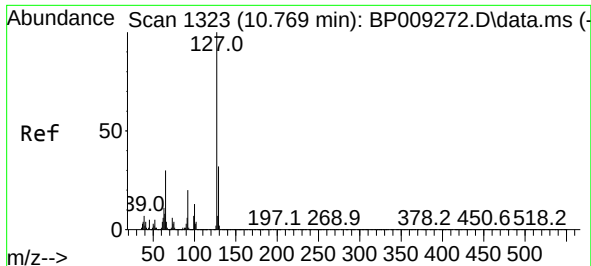
Tgt Ion: 82 Resp: 26713
Ion Ratio Lower Upper
82 100
128 36.6 34.2 51.4
54 44.7 34.7 52.1



#31
Naphthalene
Concen: 15.910 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion: 128 Resp: 1270637
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.7 10.5 15.7

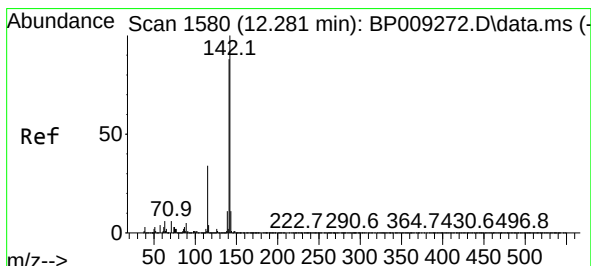
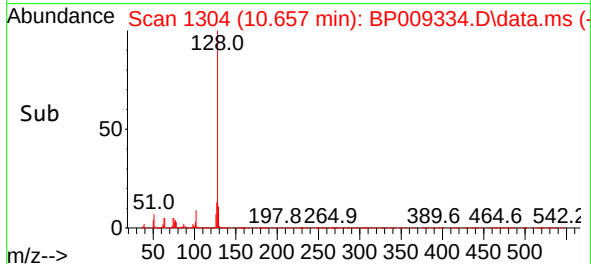
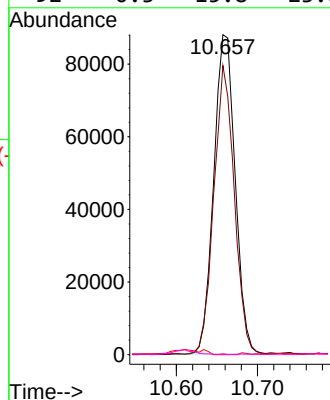
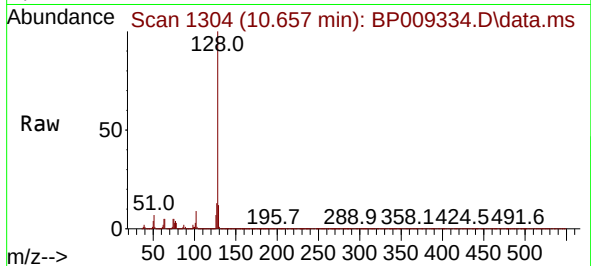




#33
4-Chloroaniline
Concen: 4.951 ng
RT: 10.657 min Scan# 11
Delta R.T. -0.112 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

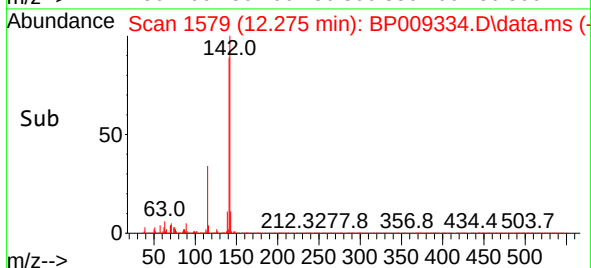
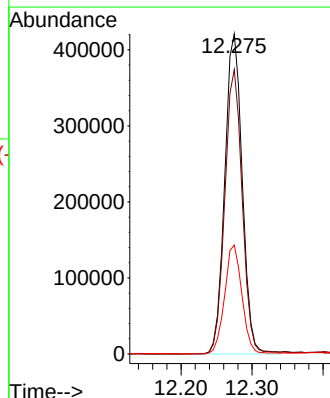
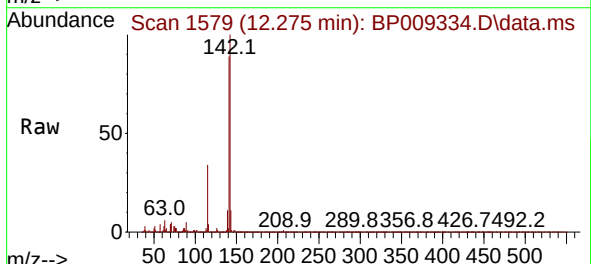
Instrument :
BNA_P
ClientSampleId :
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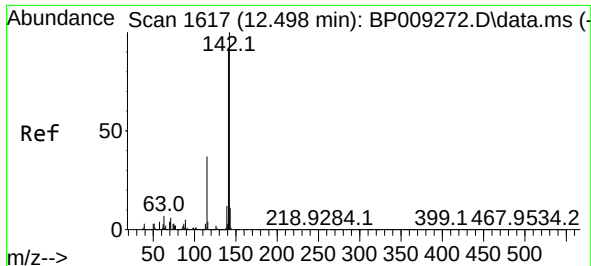
Tgt Ion:	127	Resp:	161677
Ion	Ratio	Lower	Upper
127	100		
129	90.4	25.5	38.3#
65	0.0	24.3	36.5#
92	0.3	15.8	23.8#



#37
2-Methylnaphthalene
Concen: 12.636 ng
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:	142	Resp:	717015
Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.2	105.4
115	34.0	27.4	41.2

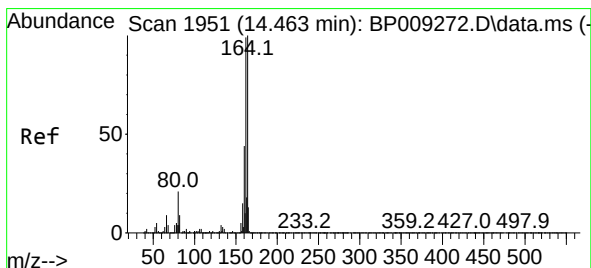
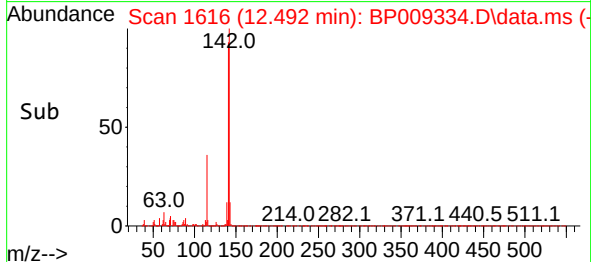
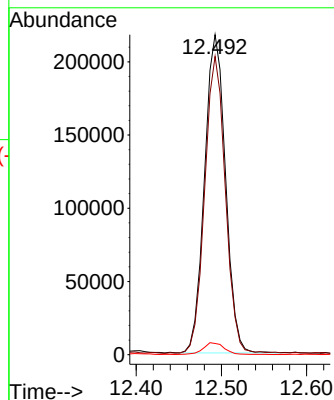
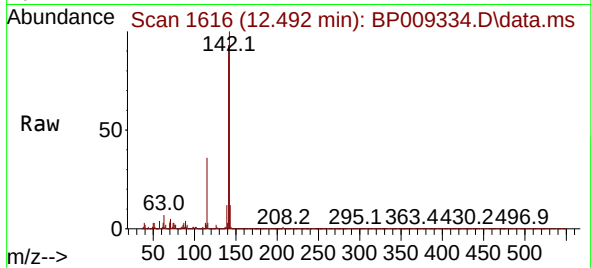




#38
1-Methylnaphthalene
Concen: 7.126 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

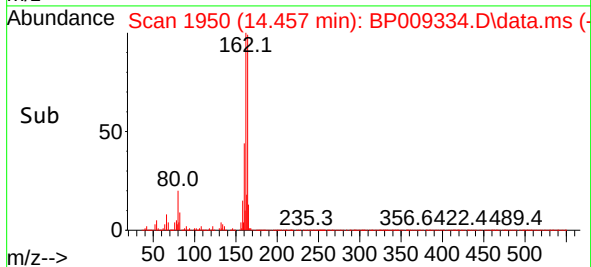
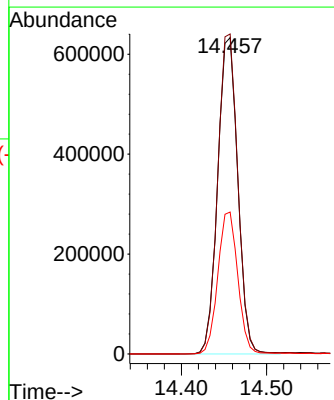
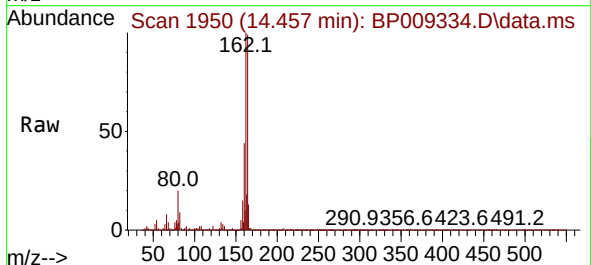
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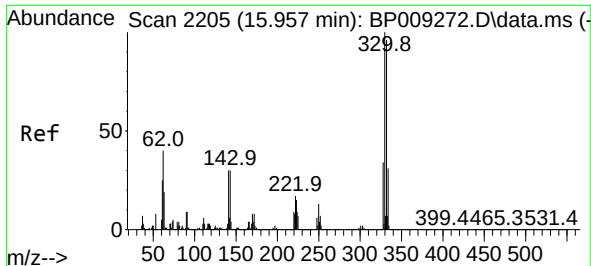
Tgt Ion:142 Resp: 372422
Ion Ratio Lower Upper
142 100
141 93.2 73.5 110.3
116 3.5 3.3 4.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:164 Resp: 1038038
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 44.9 34.9 52.3

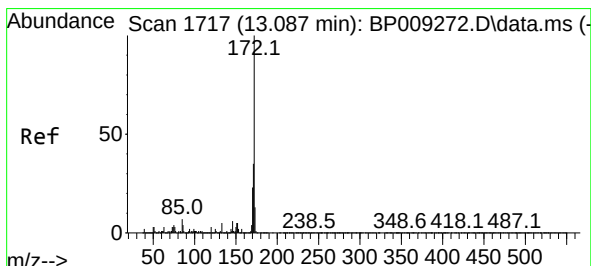
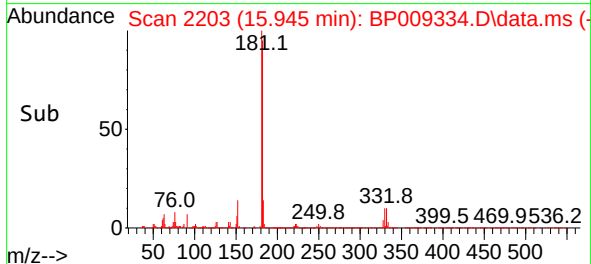
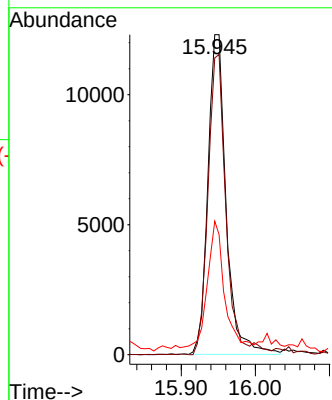
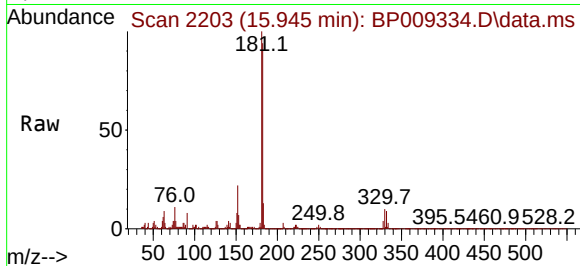




#42
2,4,6-Tribromophenol
Concen: 1.678 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

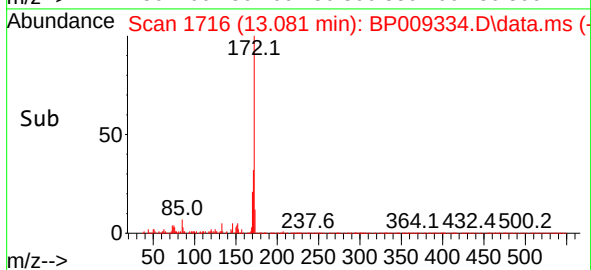
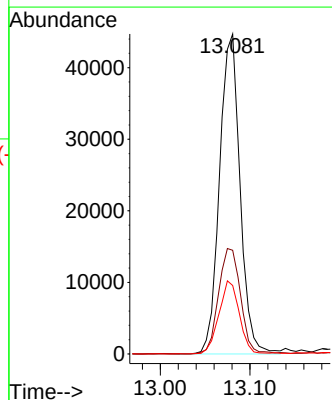
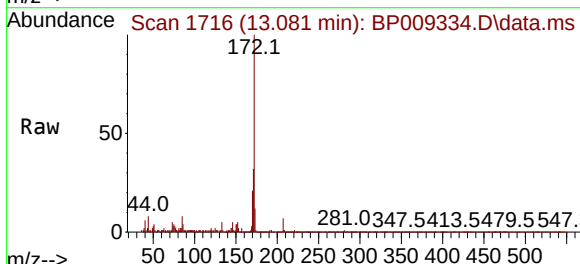
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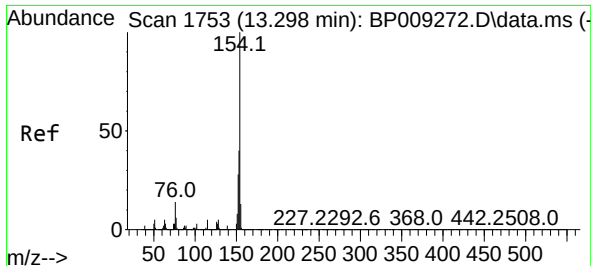
Tgt Ion: 330 Resp: 21030
Ion Ratio Lower Upper
330 100
332 90.5 77.0 115.6
141 37.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 0.941 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion: 172 Resp: 71024
Ion Ratio Lower Upper
172 100
171 32.4 28.0 42.0
170 21.4 18.6 27.8

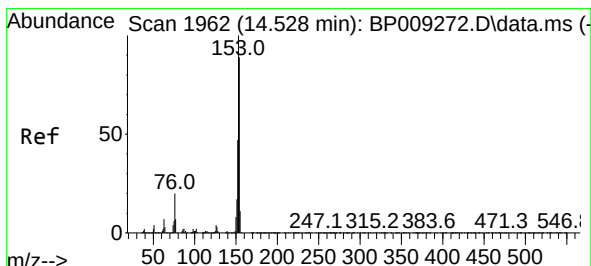
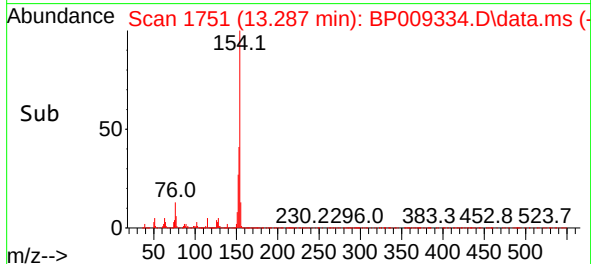
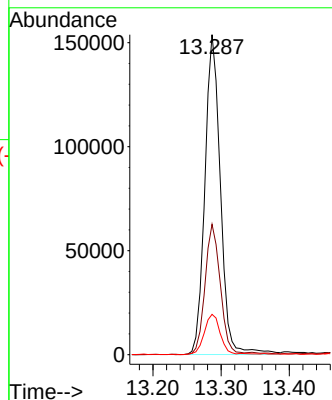
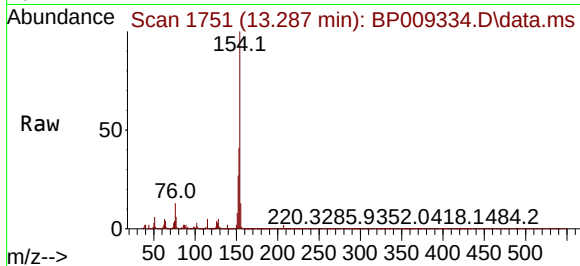




#46
1,1'-Biphenyl
Concen: 2.889 ng
RT: 13.287 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

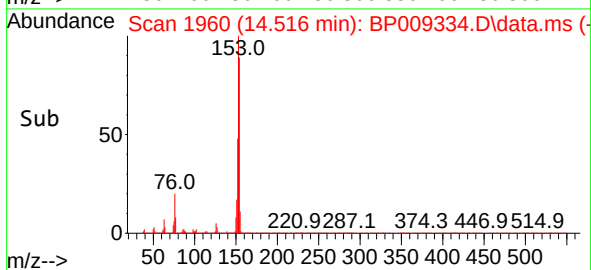
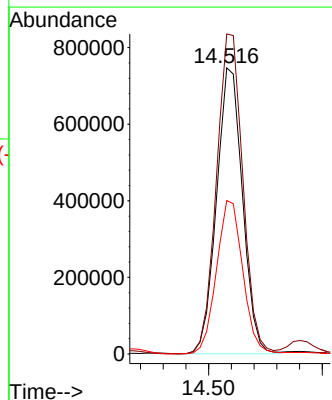
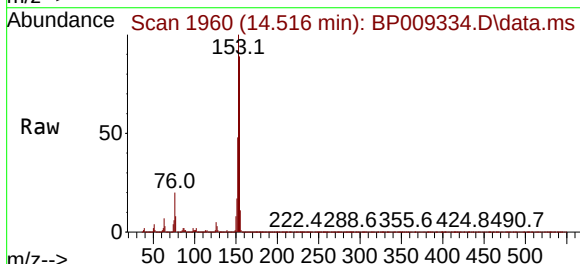
Instrument :
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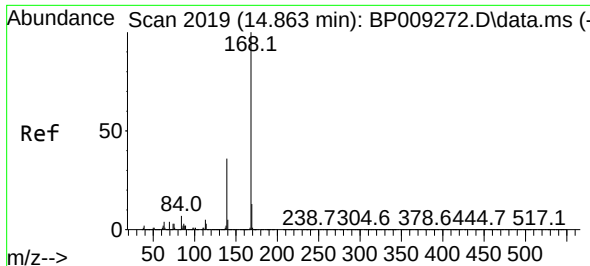
Tgt Ion:154 Resp: 244809
Ion Ratio Lower Upper
154 100
153 40.7 20.2 60.2
76 12.6 0.0 34.0



#52
Acenaphthene
Concen: 18.642 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:154 Resp: 1185050
Ion Ratio Lower Upper
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153 111.8 90.2 135.4
152 53.6 42.7 64.1

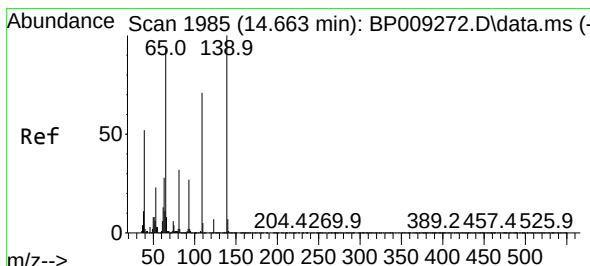
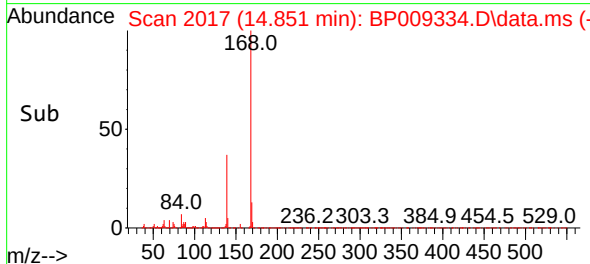
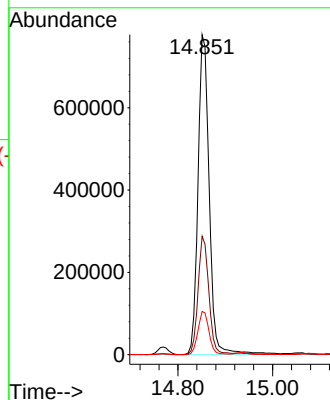
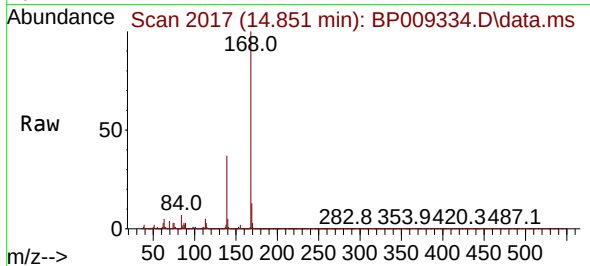




#55
Dibenzenofuran
Concen: 13.281 ng
RT: 14.851 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

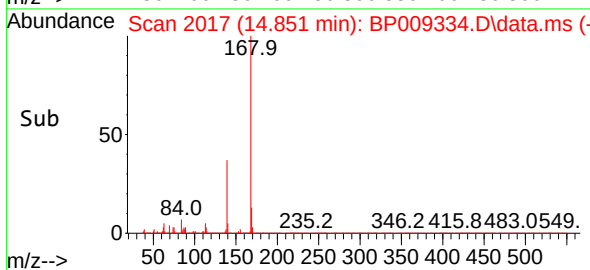
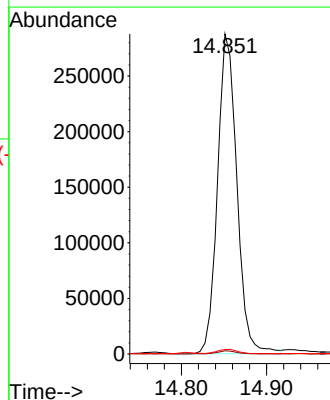
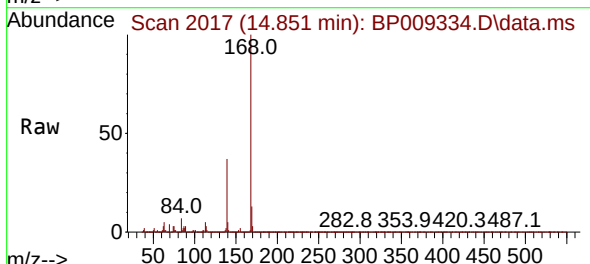
Instrument :
BNA_P
ClientSampleId :
282DL2

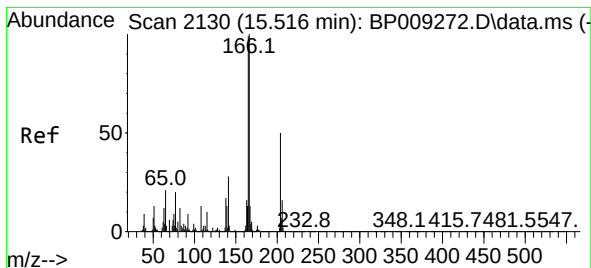
Tgt Ion:168 Resp: 1278855
Ion Ratio Lower Upper
168 100
139 37.0 29.1 43.7
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 34.045 ng
RT: 14.851 min Scan# 2017
Delta R.T. 0.188 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:139 Resp: 454719
Ion Ratio Lower Upper
139 100
109 1.0 51.2 91.2#
65 1.4 73.2 113.2#





#58

Fluorene

Concen: 16.565 ng

RT: 15.504 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP009334.D

Acq: 09 Mar 2022 20:58

Instrument :

BNA_P

ClientSampleId :

282DL2

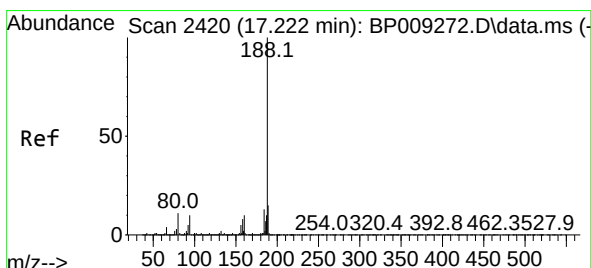
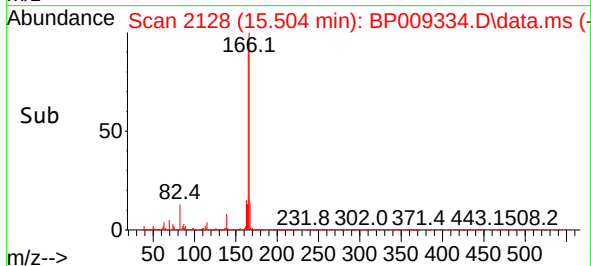
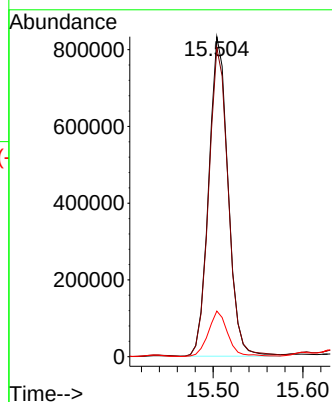
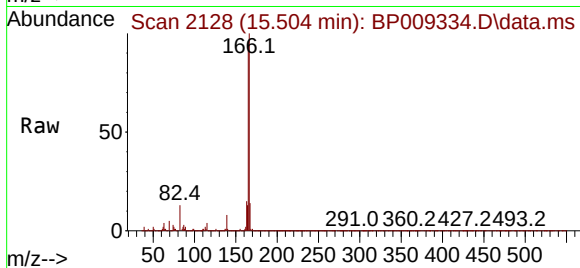
Tgt Ion:166 Resp: 1249153

Ion Ratio Lower Upper

166 100

165 96.5 79.2 118.8

167 14.3 10.7 16.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009334.D

Acq: 09 Mar 2022 20:58

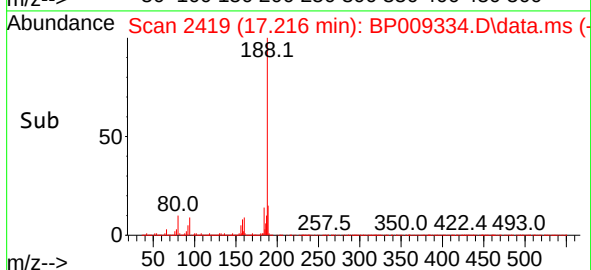
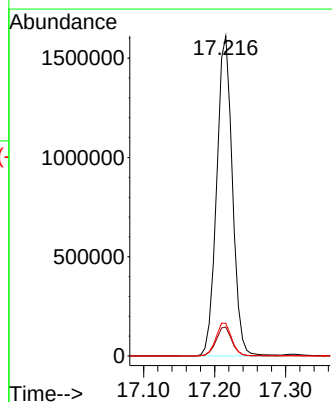
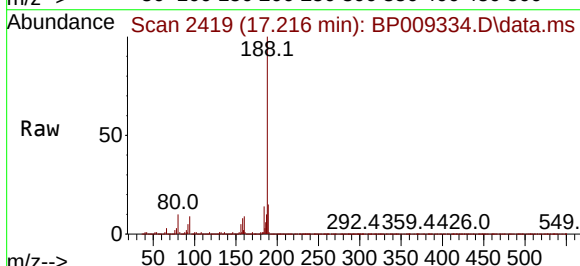
Tgt Ion:188 Resp: 2471029

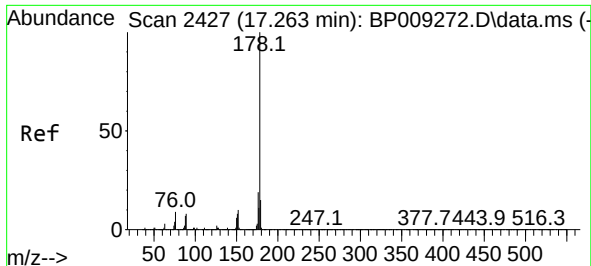
Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

80 10.2 8.8 13.2

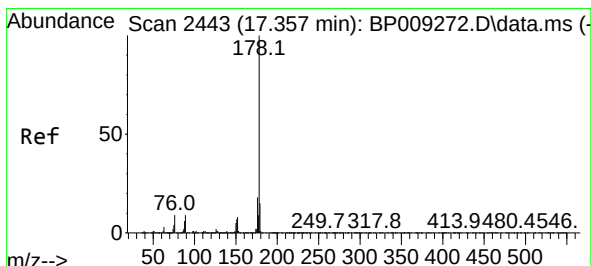
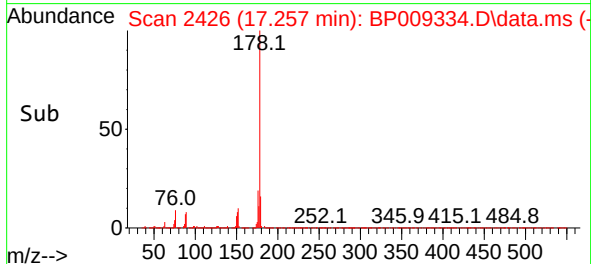
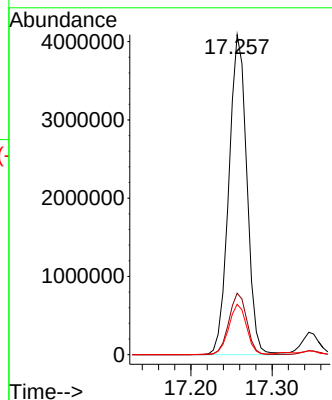
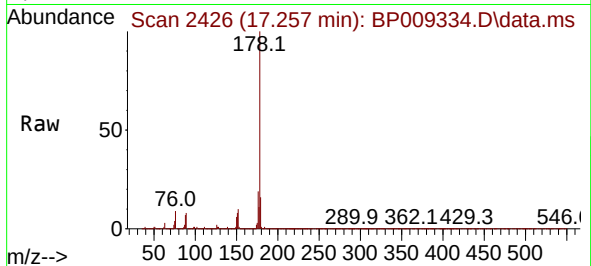




#71
Phenanthrene
Concen: 44.273 ng
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

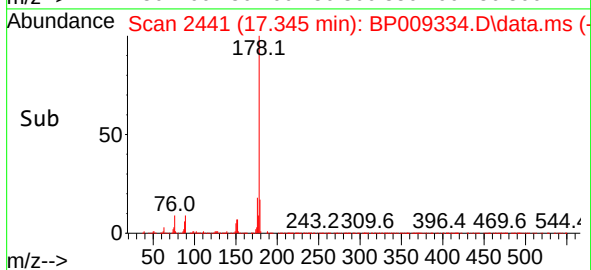
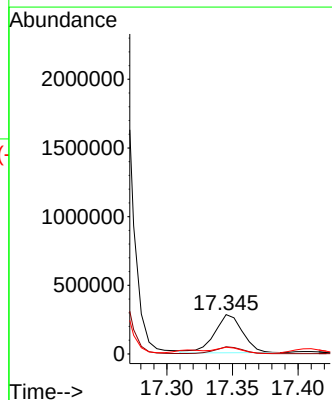
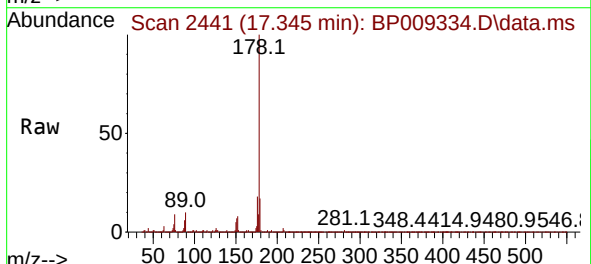
Instrument :
BNA_P
ClientSampleId :
282DL2

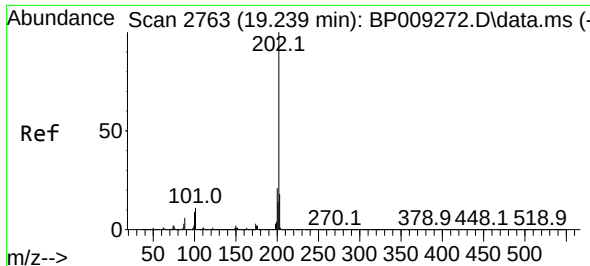
Tgt Ion:178 Resp: 6287223
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 2.951 ng
RT: 17.345 min Scan# 2441
Delta R.T. -0.012 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:178 Resp: 417190
Ion Ratio Lower Upper
178 100
176 18.1 14.8 22.2
179 17.2 12.2 18.4

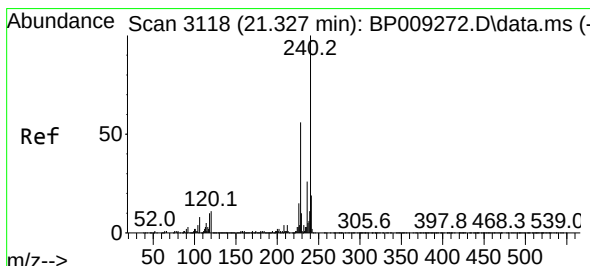
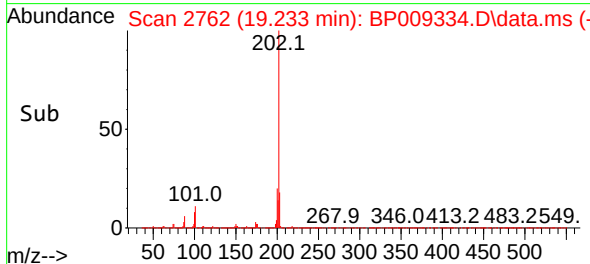
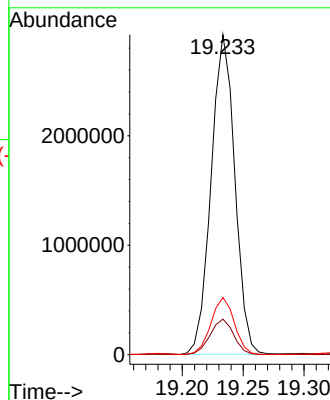
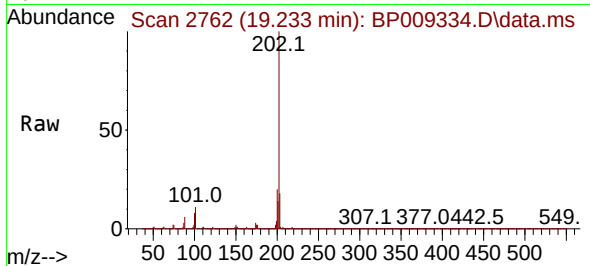




#75
Fluoranthene
Concen: 24.154 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

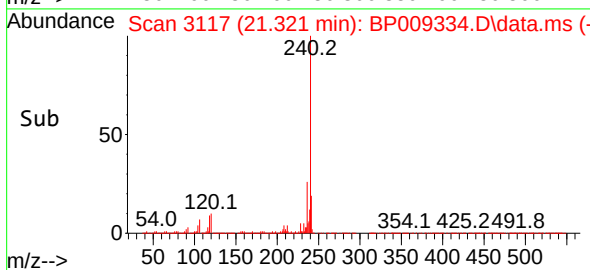
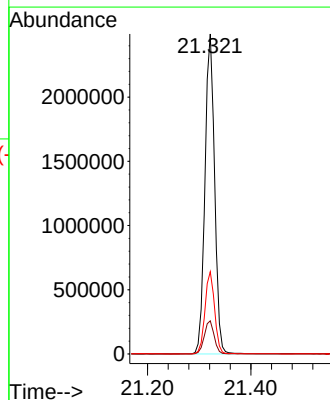
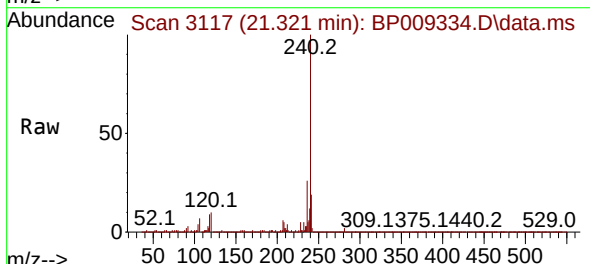
Instrument :
BNA_P
ClientSampleId :
282DL2

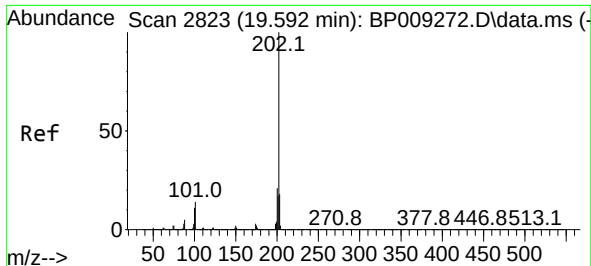
Tgt Ion:202 Resp: 3959124
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.5
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:240 Resp: 3225805
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 25.7 20.6 30.8

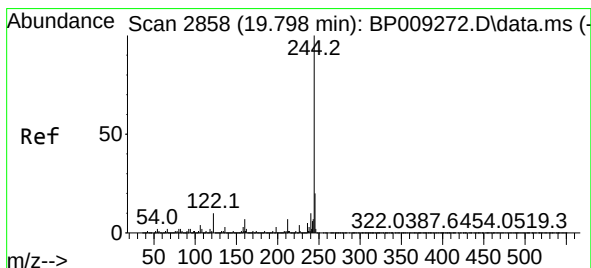
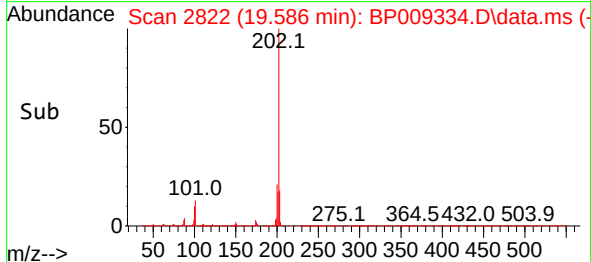
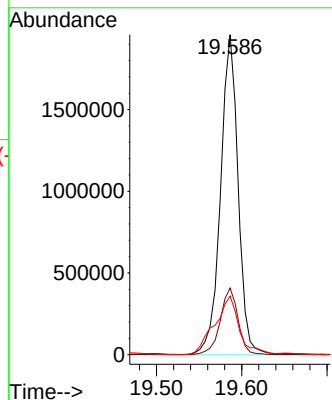
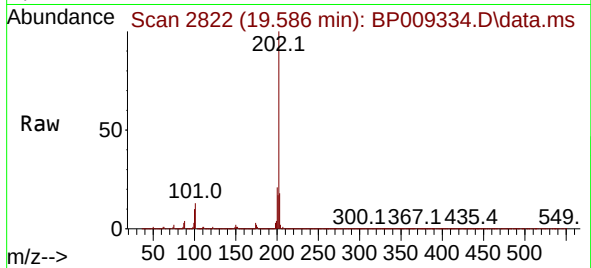




#78
 Pyrene
 Concen: 12.846 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP009334.D
 Acq: 09 Mar 2022 20:58

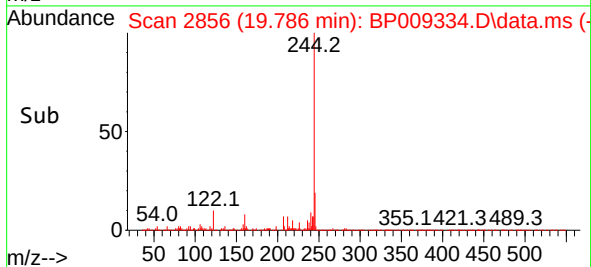
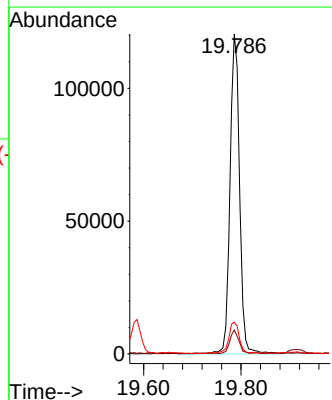
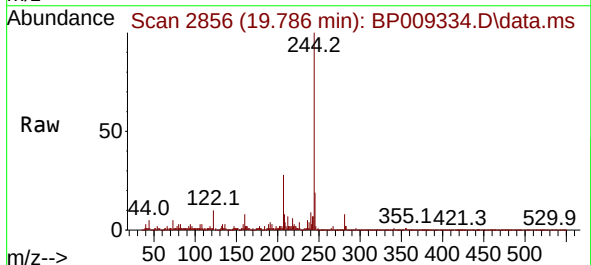
Instrument :
 BNA_P
 ClientSampleId :
 282DL2

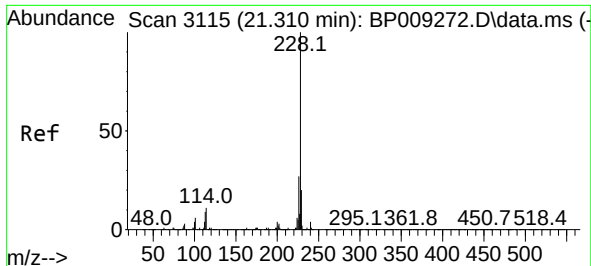
Tgt Ion:202 Resp: 2797768
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.8 25.2
 203 18.3 14.2 21.4



#79
 Terphenyl-d14
 Concen: 0.967 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BP009334.D
 Acq: 09 Mar 2022 20:58

Tgt Ion:244 Resp: 165218
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 9.9 8.3 12.5

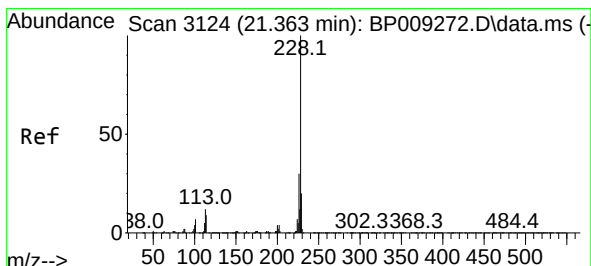
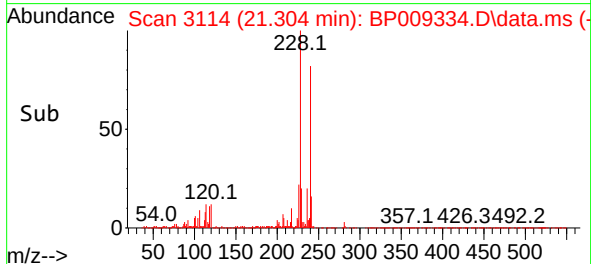
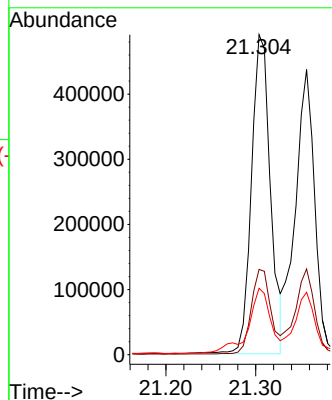
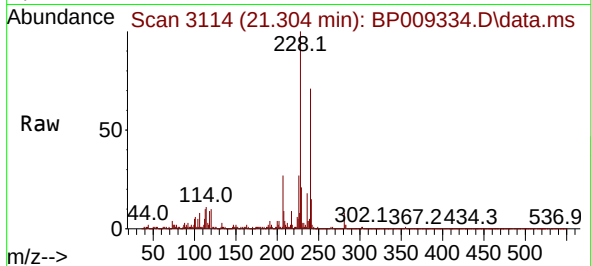




#81
Benzo(a)anthracene
Concen: 3.293 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

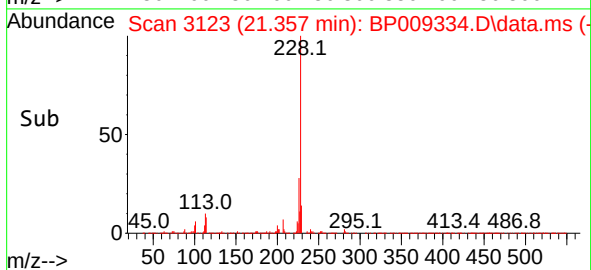
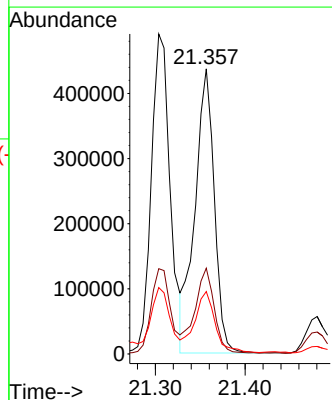
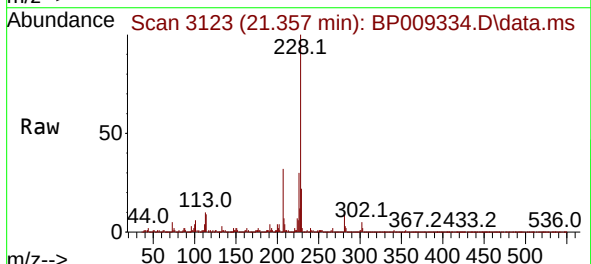
Instrument :
BNA_P
ClientSampleId :
282DL2

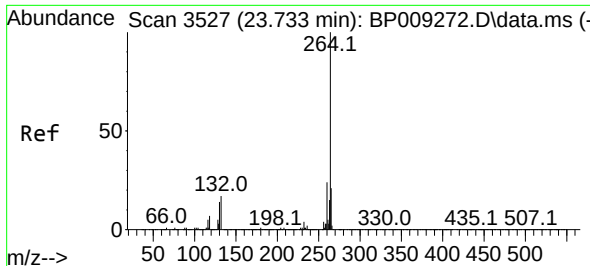
Tgt Ion:228 Resp: 720044
Ion Ratio Lower Upper
228 100
226 26.6 22.0 33.0
229 20.7 16.1 24.1



#83
Chrysene
Concen: 3.093 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:228 Resp: 656694
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.9 16.1 24.1



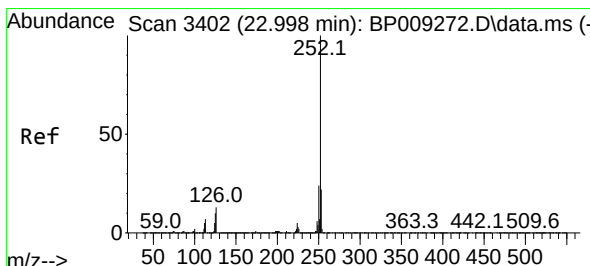
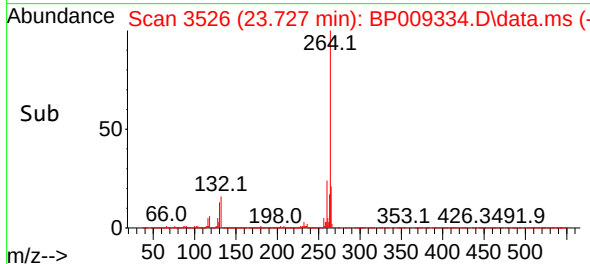
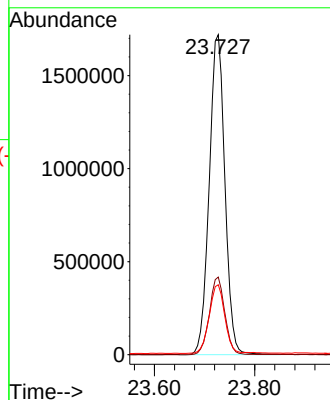
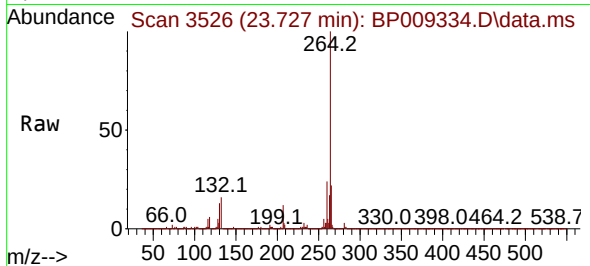


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Instrument :
BNA_P
ClientSampleId :
282DL2

Tgt Ion:264 Resp: 3737459

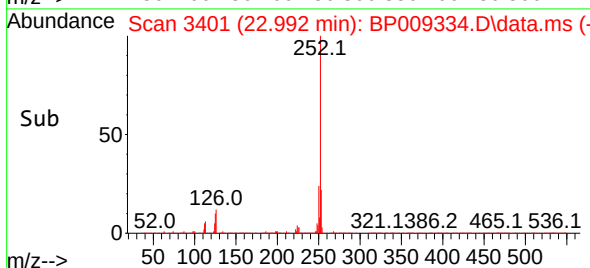
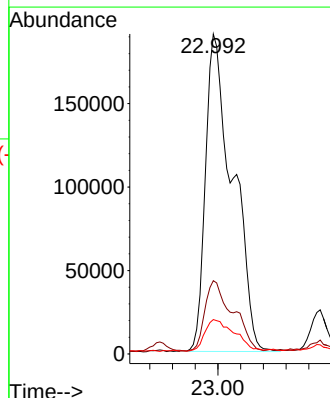
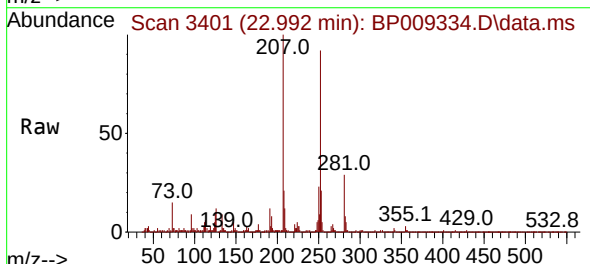
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.8	17.2	25.8

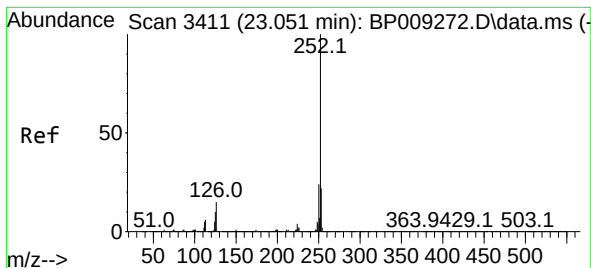


#88
Benzo(b)fluoranthene
Concen: 2.505 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BP009334.D
Acq: 09 Mar 2022 20:58

Tgt Ion:252 Resp: 632221

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.7	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 2.622 ng

RT: 22.992 min Scan# 34

Delta R.T. -0.059 min

Lab File: BP009334.D

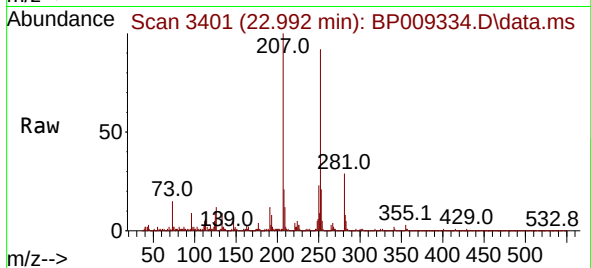
Acq: 09 Mar 2022 20:58

Instrument :

BNA_P

ClientSampleId :

282DL2



Tgt Ion:252 Resp: 632221

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 10.7 8.3 12.5

