

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021422\
 Data File : BP009148.D
 Acq On : 14 Feb 2022 22:47
 Operator : CG/JU
 Sample : N1526-03 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HE-2-021122

Quant Time: Feb 15 00:02:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

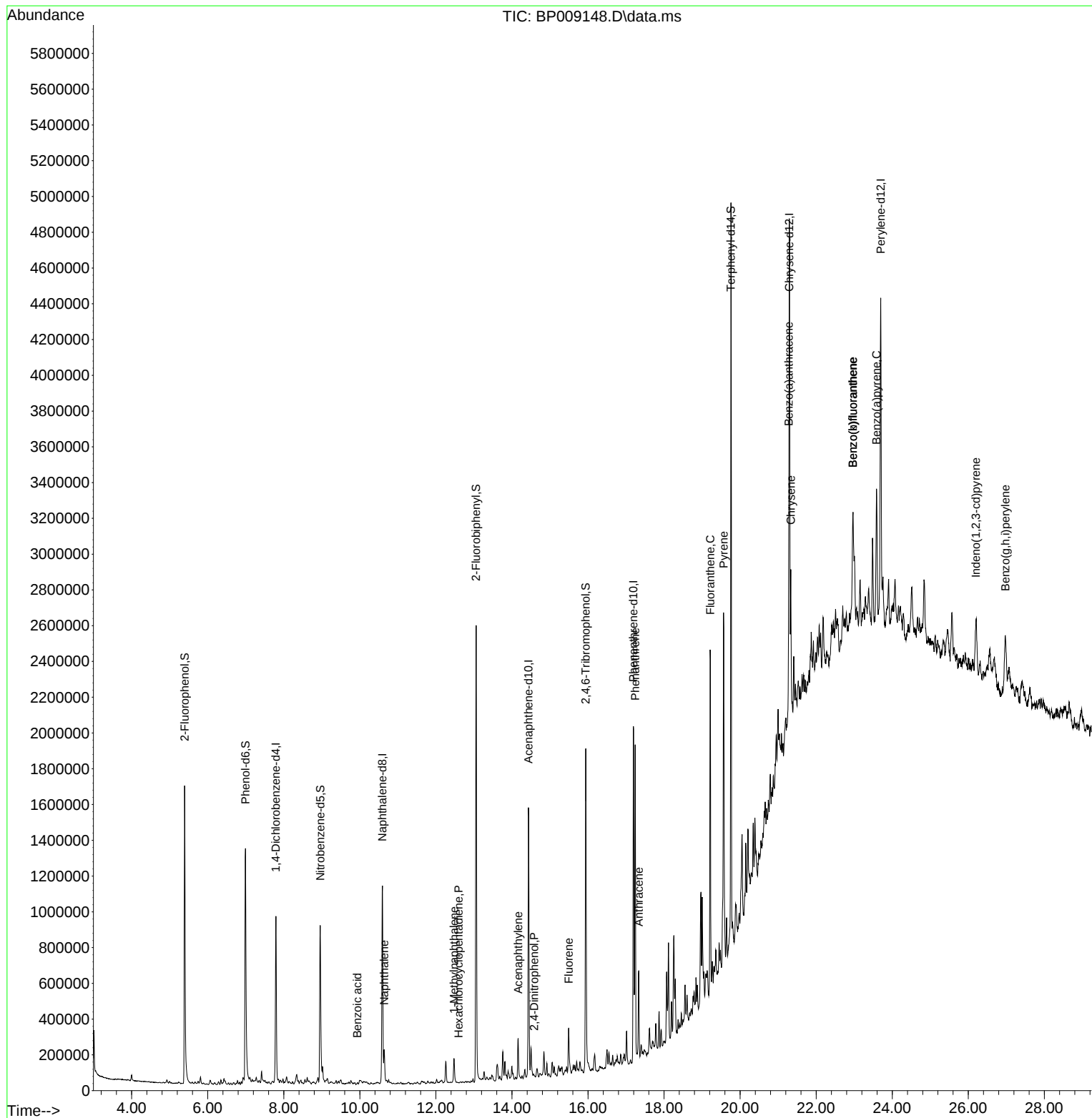
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	292857	20.000	ng	-0.01
21) Naphthalene-d8	10.593	136	1053345	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	621664	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1265887	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1272172	20.000	ng	0.00
86) Perylene-d12	23.698	264	1436328	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	892661	54.372	ng	0.00
7) Phenol-d6	6.993	99	1035732	47.878	ng	0.00
23) Nitrobenzene-d5	8.958	82	634736	33.982	ng	-0.01
42) 2,4,6-Tribromophenol	15.940	330	425084	51.213	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	1525020	34.341	ng	-0.01
79) Terphenyl-d14	19.757	244	2110577	29.835	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	10.640	128	161177	3.000	ng	99
32) Benzoic acid	9.934	122	67	2.696	ng	# 1
38) 1-Methylnaphthalene	12.475	142	74863	2.015	ng	98
41) Hexachlorocyclopentadiene	12.599	237	47	8.661	ng	# 40
49) Acenaphthylene	14.163	152	175381	3.205	ng	98
54) 2,4-Dinitrophenol	14.581	184	52	2.180	ng	# 1
58) Fluorene	15.493	166	139372	3.234	ng	97
71) Phenanthrene	17.239	178	1079450	15.748	ng	99
72) Anthracene	17.334	178	331414	4.942	ng	98
75) Fluoranthene	19.216	202	1149651	14.965	ng	97
78) Pyrene	19.563	202	1282072	14.167	ng	98
81) Benzo(a)anthracene	21.280	228	571697	6.973	ng	96
83) Chrysene	21.333	228	530951	6.718	ng	96
87) Indeno(1,2,3-cd)pyrene	26.198	276	334556	3.135	ng	# 94
88) Benzo(b)fluoranthene	22.969	252	819810	9.272	ng	# 90
89) Benzo(k)fluoranthene	22.969	252	819810	9.293	ng	# 91
90) Benzo(a)pyrene	23.586	252	550035	7.461	ng	# 92
92) Benzo(g,h,i)perylene	26.974	276	377635	4.325	ng	96

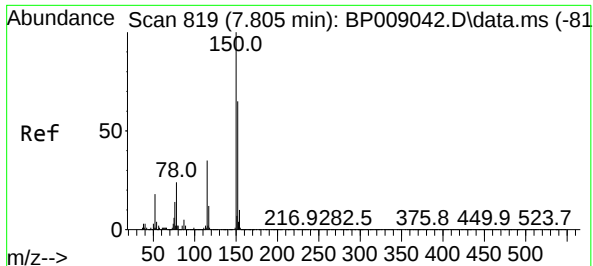
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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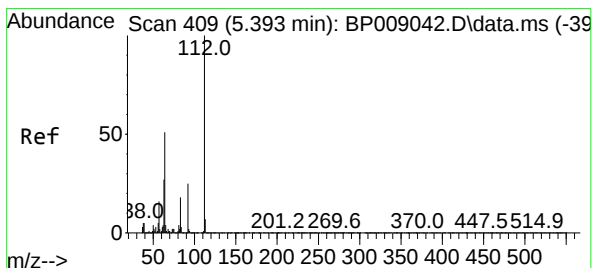
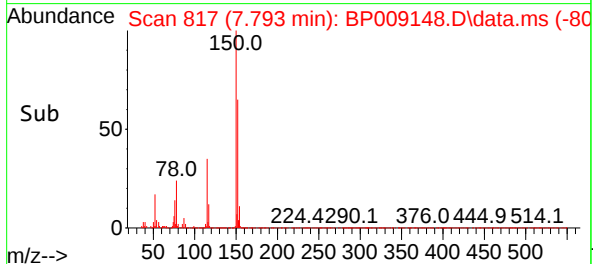
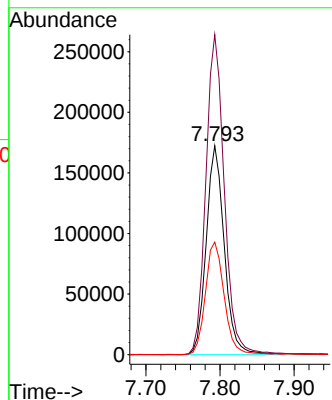
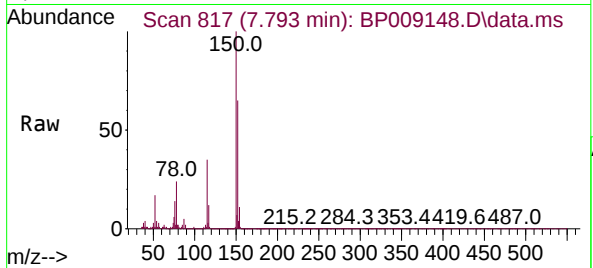




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 819
Delta R.T. -0.012 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

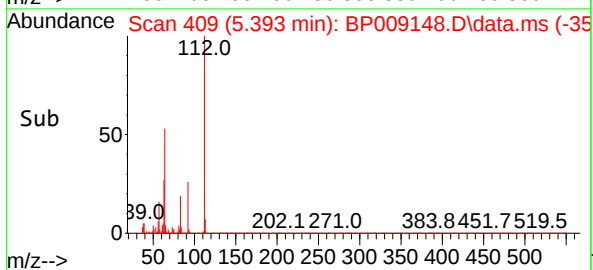
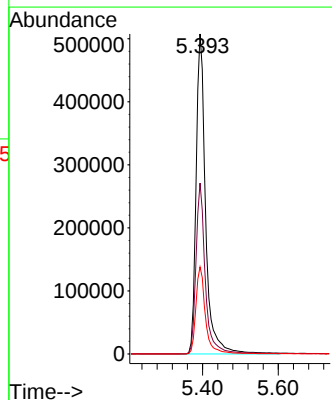
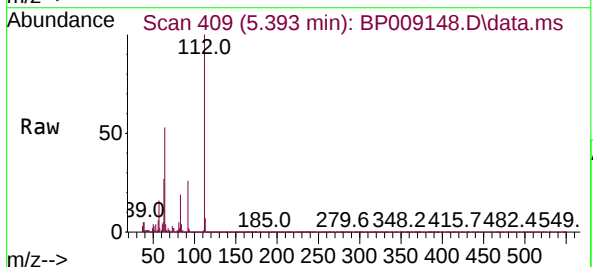
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

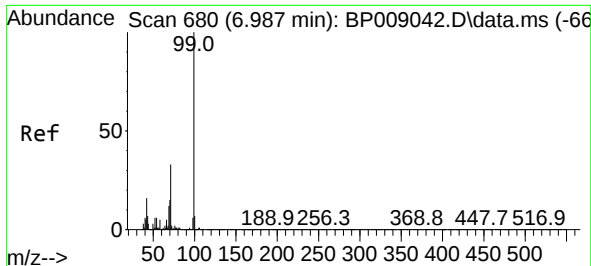
Tgt Ion:152 Resp: 292857
Ion Ratio Lower Upper
152 100
150 153.2 127.0 190.6
115 53.9 43.7 65.5



#5
2-Fluorophenol
Concen: 54.372 ng
RT: 5.393 min Scan# 409
Delta R.T. 0.000 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:112 Resp: 892661
Ion Ratio Lower Upper
112 100
64 53.4 39.7 59.5
63 27.2 20.0 30.0

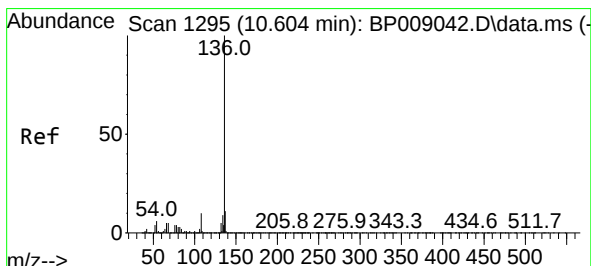
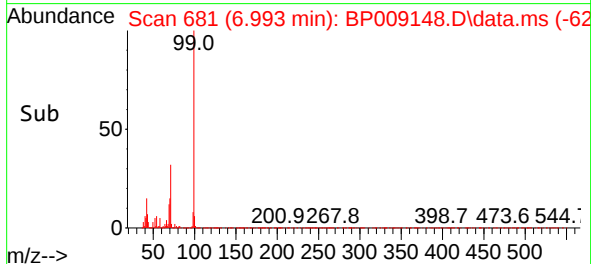
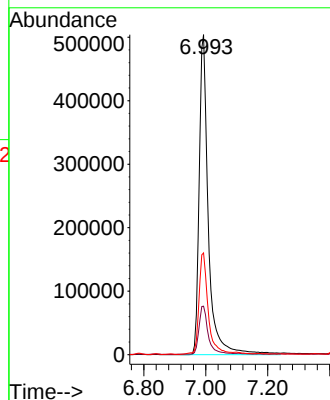
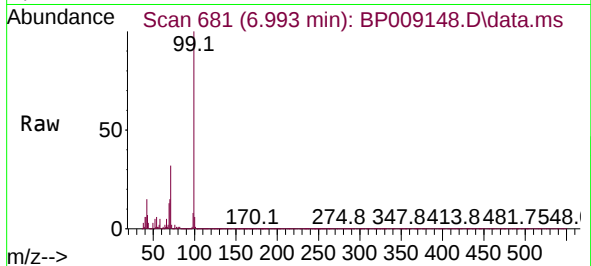




#7
Phenol-d6
Concen: 47.878 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

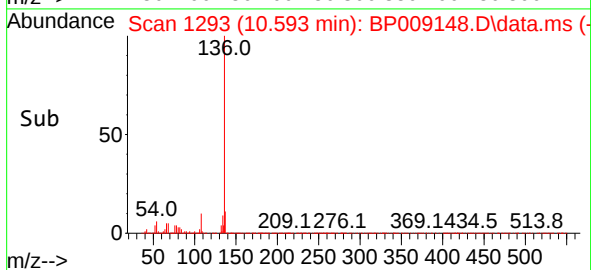
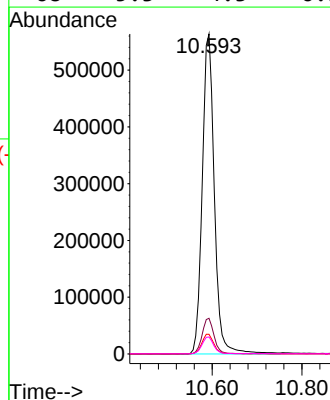
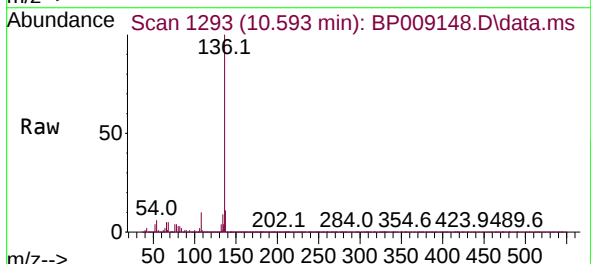
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

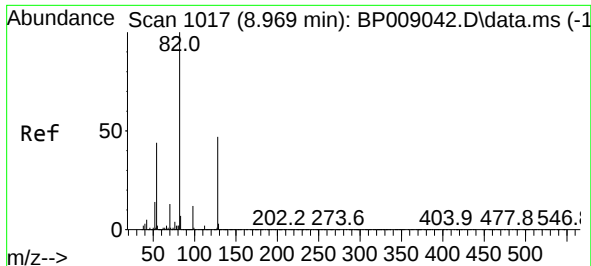
Tgt Ion: 99 Resp: 1035732
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 31.8 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.011 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion: 136 Resp: 1053345
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 6.1 4.9 7.3
68 5.3 4.3 6.5

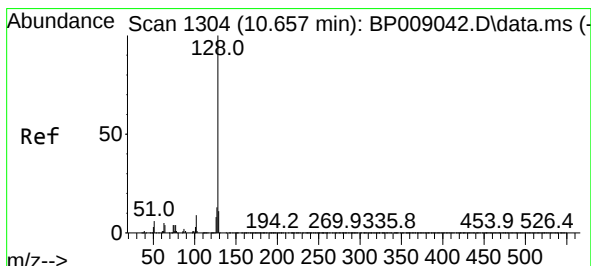
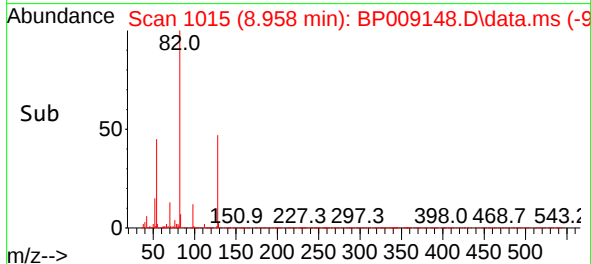
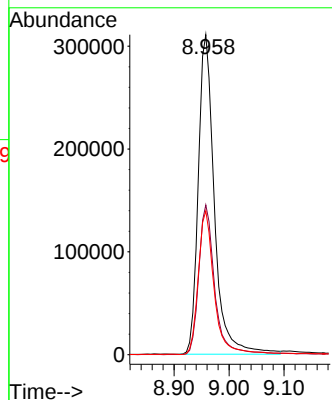
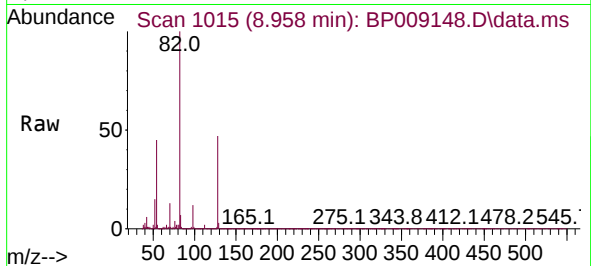




#23
Nitrobenzene-d5
Concen: 33.982 ng
RT: 8.958 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

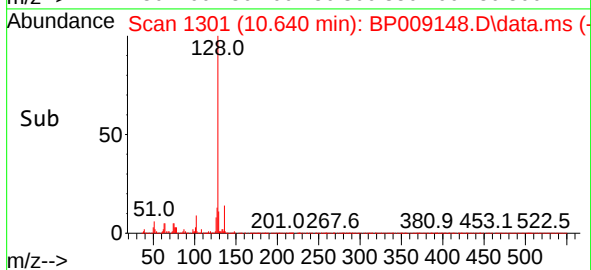
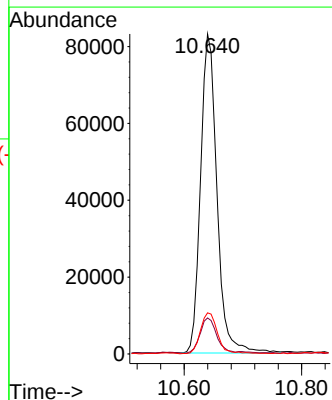
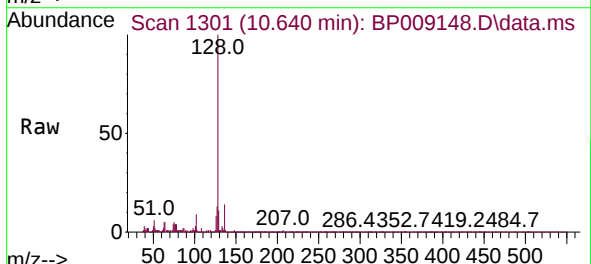
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

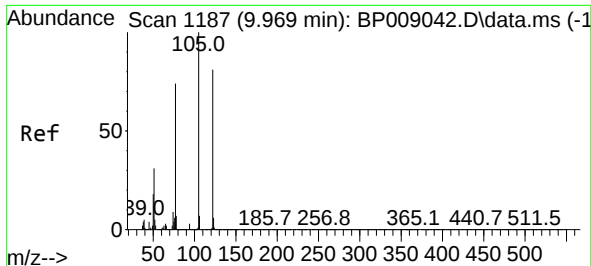
Tgt Ion: 82 Resp: 634736
Ion Ratio Lower Upper
82 100
128 46.8 39.4 59.2
54 45.0 32.6 48.8



#31
Naphthalene
Concen: 3.000 ng
RT: 10.640 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion: 128 Resp: 161177
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 12.9 10.4 15.6

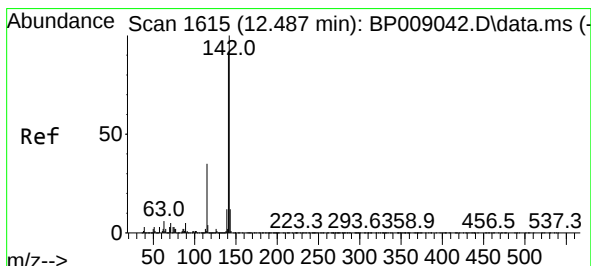
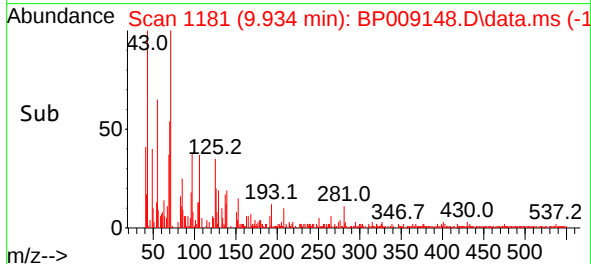
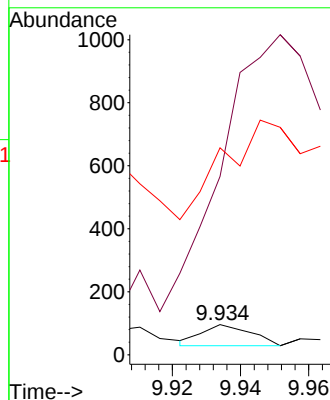
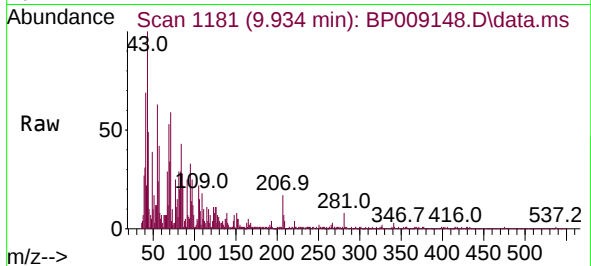




#32
Benzoic acid
Concen: 2.696 ng
RT: 9.934 min Scan# 1187
Delta R.T. -0.035 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

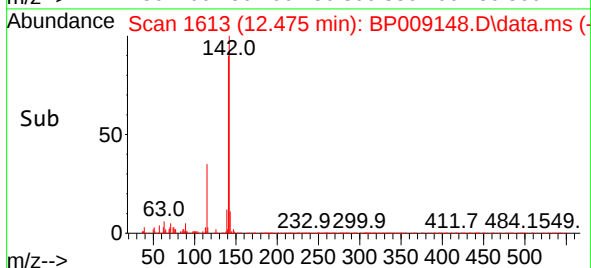
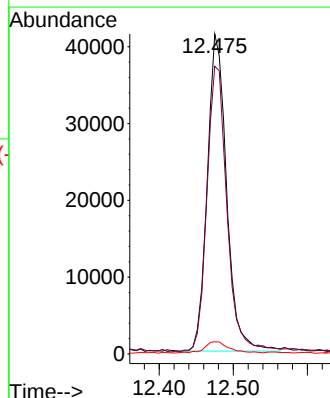
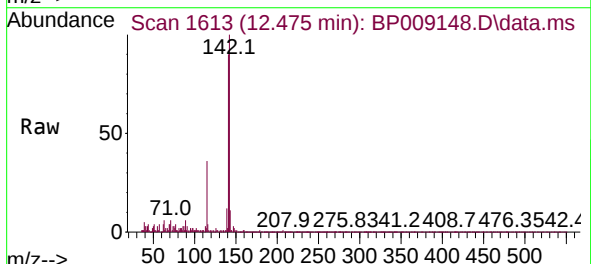
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ClientSampleId :
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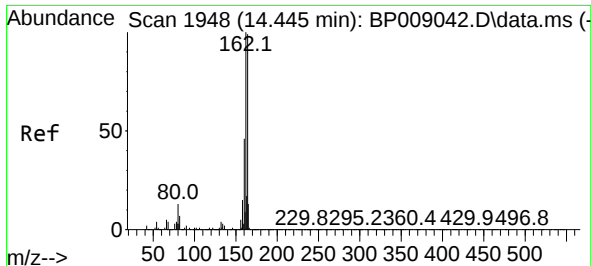
Tgt Ion:122 Resp: 67
Ion Ratio Lower Upper
122 100
105 589.6 100.1 140.1#
77 684.4 65.5 105.5#



#38
1-Methylnaphthalene
Concen: 2.015 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.012 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:142 Resp: 74863
Ion Ratio Lower Upper
142 100
141 89.9 73.2 109.8
116 3.8 2.7 4.1

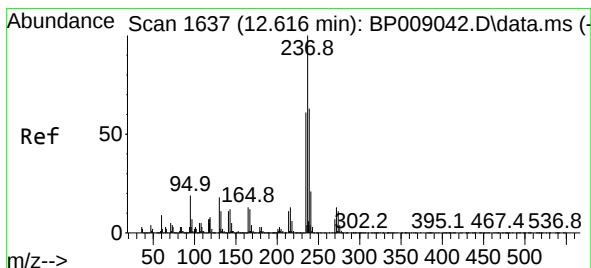
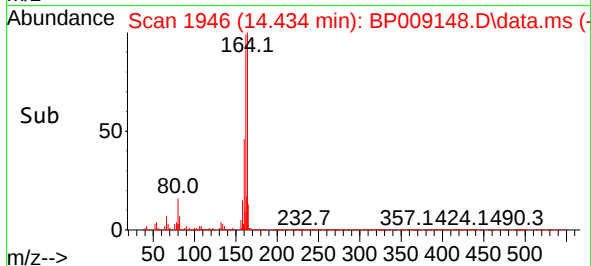
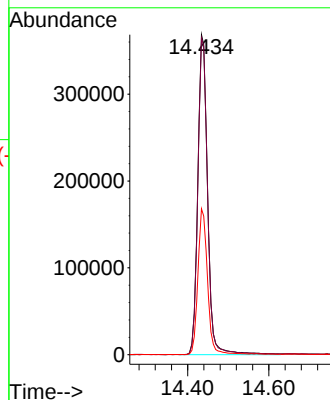
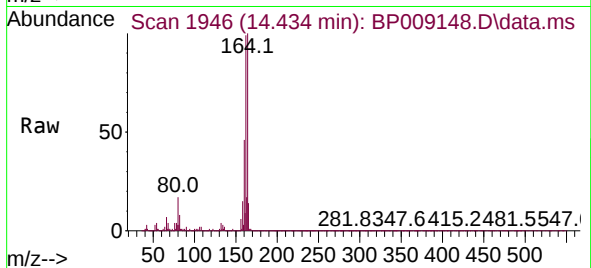




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

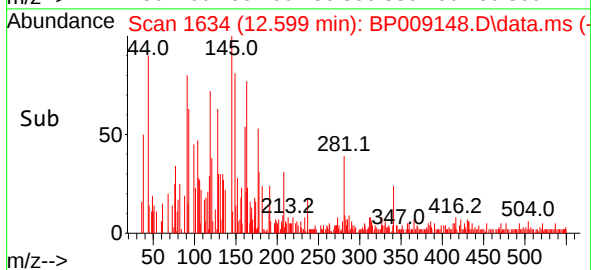
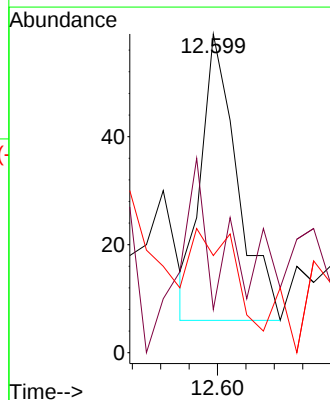
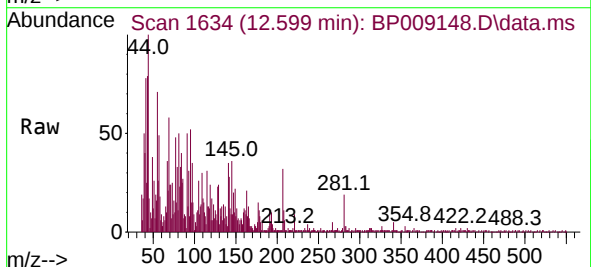
Instrument :
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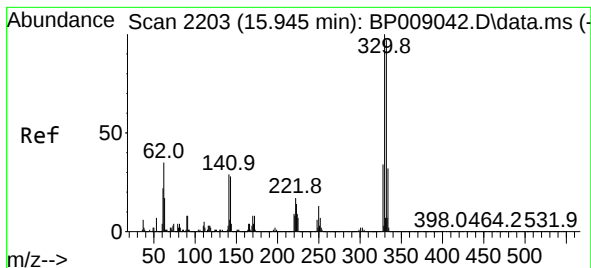
Tgt Ion:164 Resp: 621664
Ion Ratio Lower Upper
164 100
162 99.0 79.9 119.9
160 45.6 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.599 min Scan# 1634
Delta R.T. -0.017 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:237 Resp: 47
Ion Ratio Lower Upper
237 100
235 13.6 42.9 82.9#
272 30.5 0.0 33.8





#42

2,4,6-Tribromophenol

Concen: 51.213 ng

RT: 15.940 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Instrument :

BNA_P

ClientSampleId :

HE-2-021122

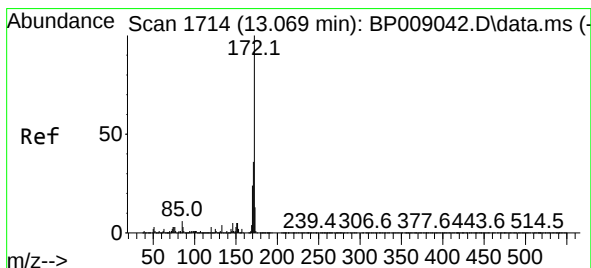
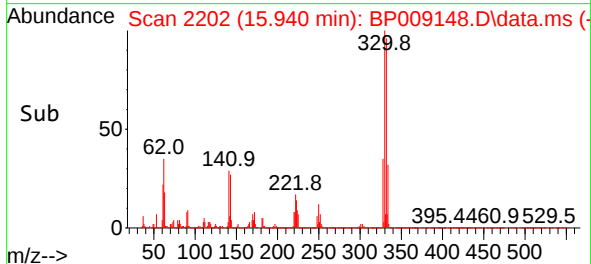
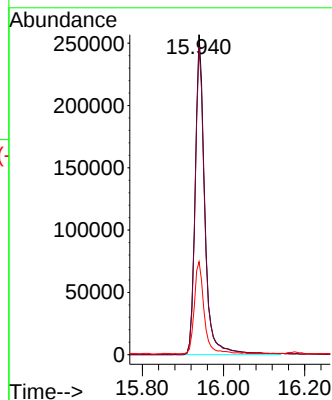
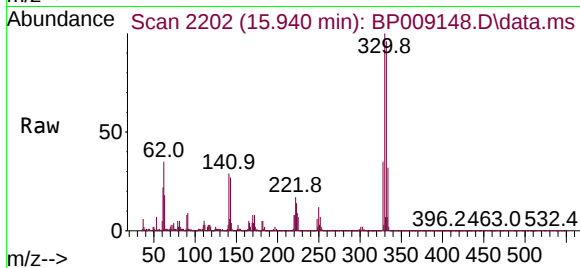
Tgt Ion:330 Resp: 425084

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 29.5 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 34.341 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.012 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

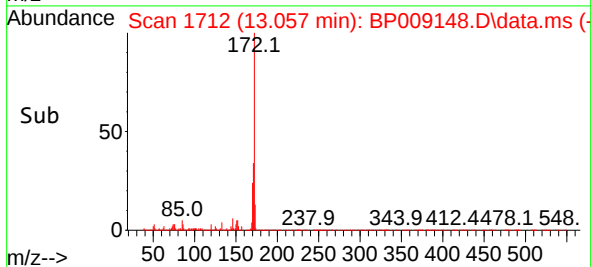
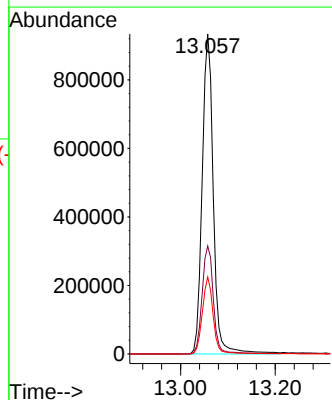
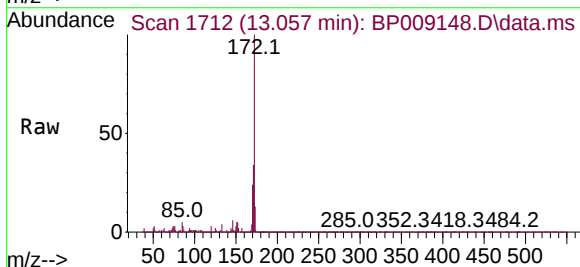
Tgt Ion:172 Resp: 1525020

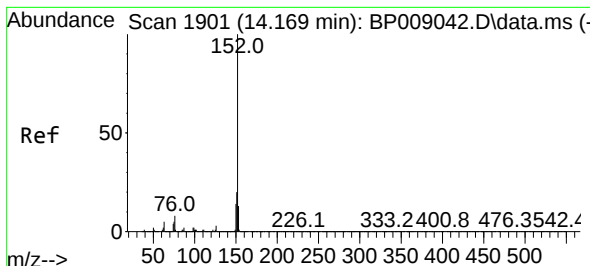
Ion Ratio Lower Upper

172 100

171 33.8 29.3 43.9

170 24.1 19.5 29.3





#49

Acenaphthylene

Concen: 3.205 ng

RT: 14.163 min Scan# 1901

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Instrument :

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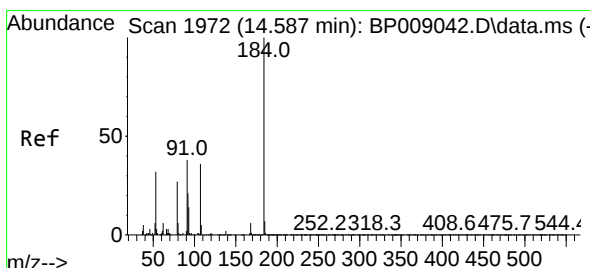
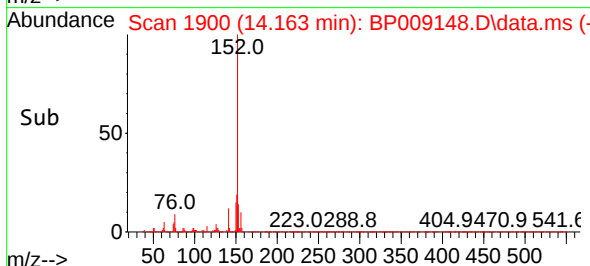
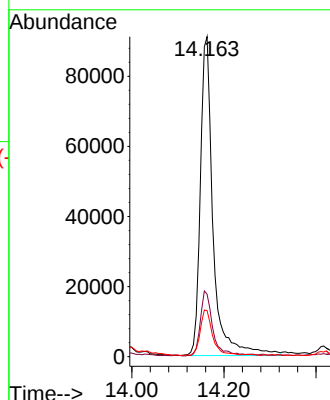
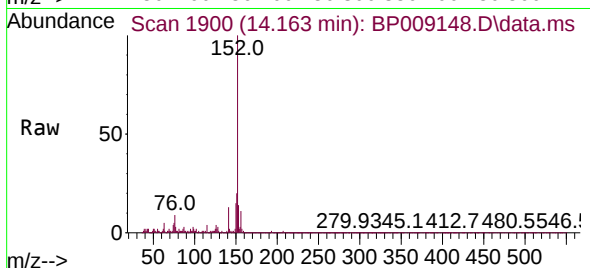
Tgt Ion:152 Resp: 175381

Ion Ratio Lower Upper

152 100

151 19.5 16.1 24.1

153 14.4 10.6 16.0



#54

2,4-Dinitrophenol

Concen: 2.180 ng

RT: 14.581 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

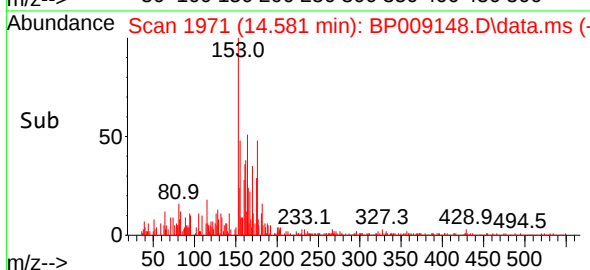
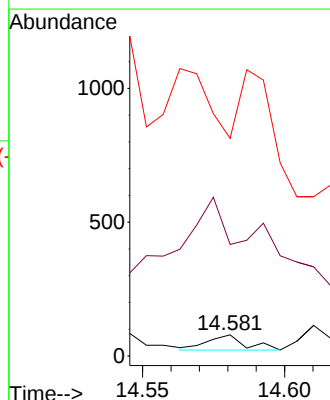
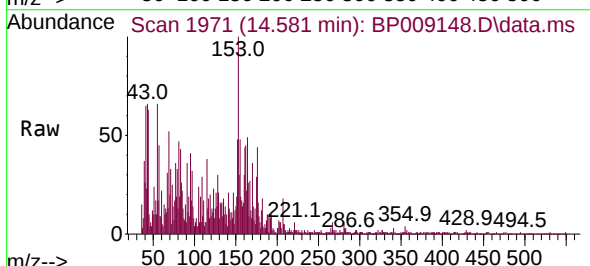
Tgt Ion:184 Resp: 52

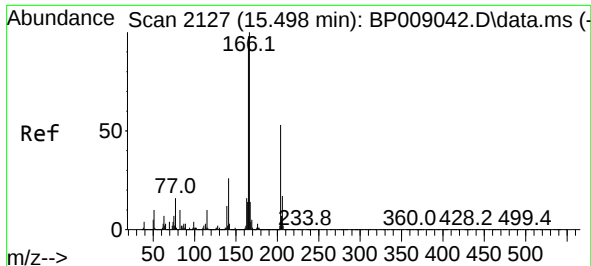
Ion Ratio Lower Upper

184 100

63 527.8 35.6 53.4#

154 1029.1 43.4 65.0#

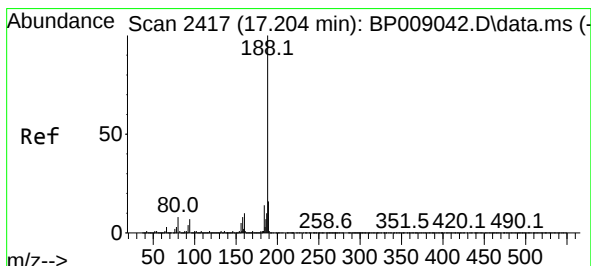
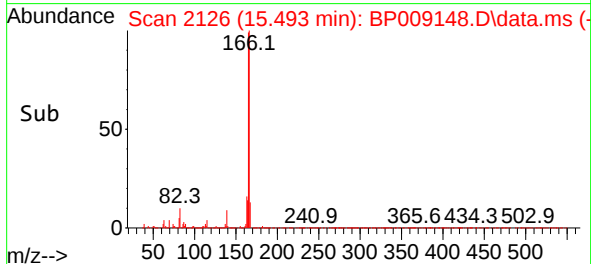
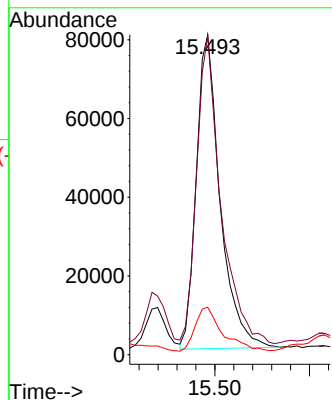
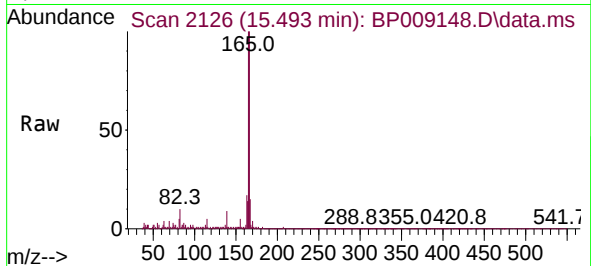




#58
 Fluorene
 Concen: 3.234 ng
 RT: 15.493 min Scan# 2127
 Delta R.T. -0.006 min
 Lab File: BP009148.D
 Acq: 14 Feb 2022 22:47

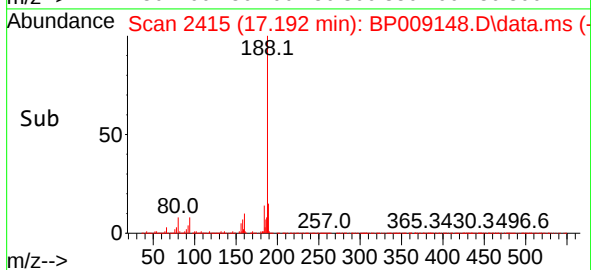
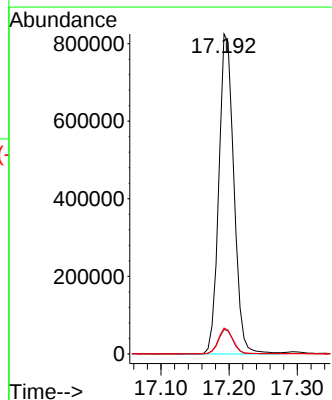
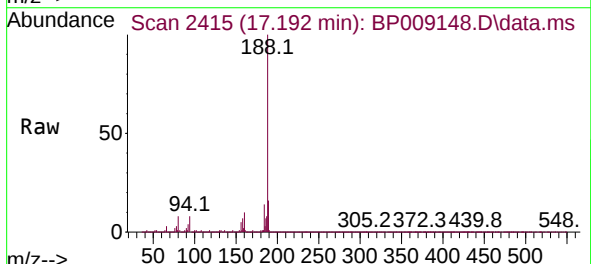
Instrument :
 BNA_P
 ClientSampleId :
 HE-2-021122

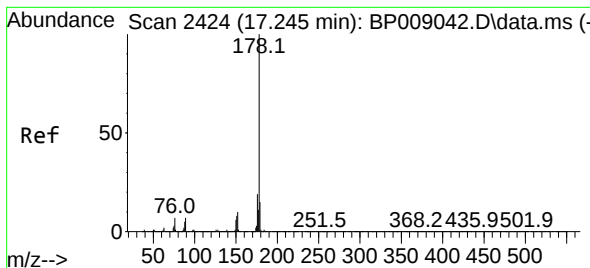
Tgt Ion:166 Resp: 139372
 Ion Ratio Lower Upper
 166 100
 165 99.6 77.2 115.8
 167 14.8 11.2 16.8



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.192 min Scan# 2415
 Delta R.T. -0.012 min
 Lab File: BP009148.D
 Acq: 14 Feb 2022 22:47

Tgt Ion:188 Resp: 1265887
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.8 10.2
 80 8.1 7.2 10.8





#71

Phenanthrene

Concen: 15.748 ng

RT: 17.239 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Instrument :

BNA_P

ClientSampleId :

HE-2-021122

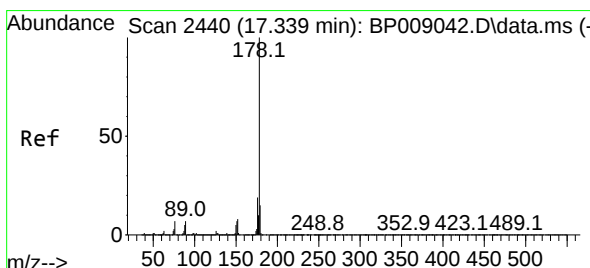
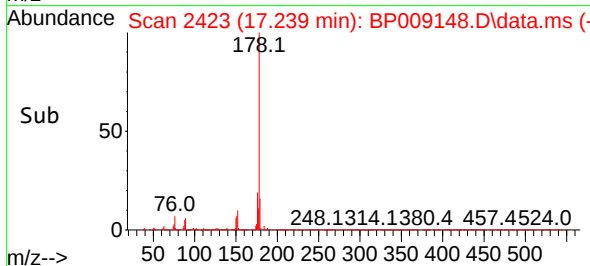
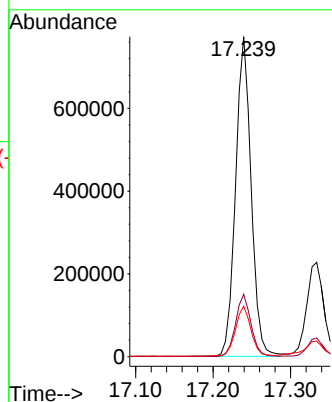
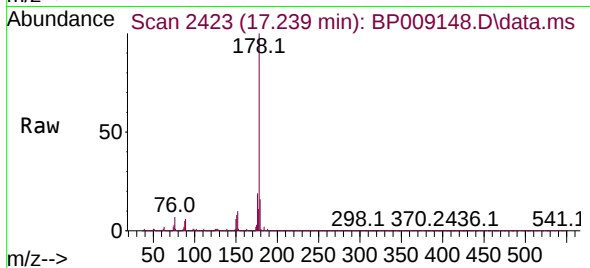
Tgt Ion:178 Resp: 1079450

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

179 15.7 13.0 19.4



#72

Anthracene

Concen: 4.942 ng

RT: 17.334 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

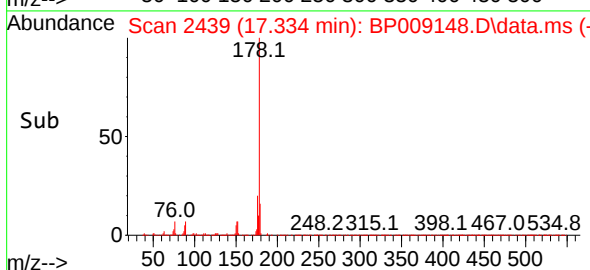
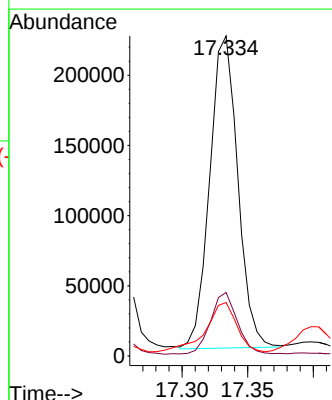
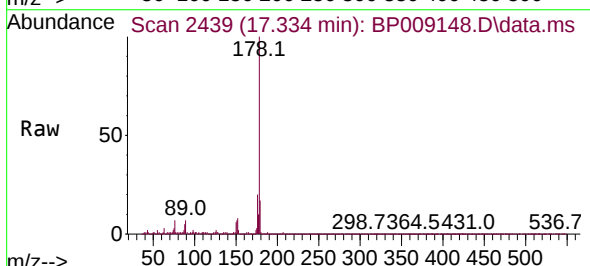
Tgt Ion:178 Resp: 331414

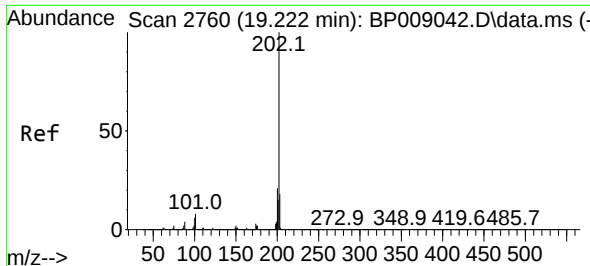
Ion Ratio Lower Upper

178 100

176 19.8 15.1 22.7

179 16.7 12.8 19.2

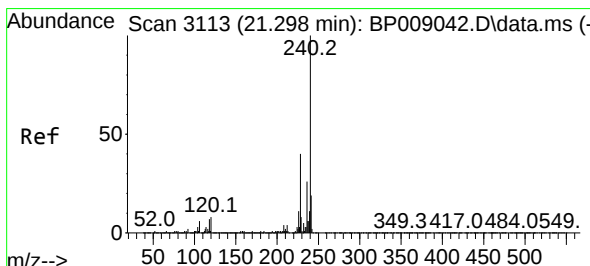
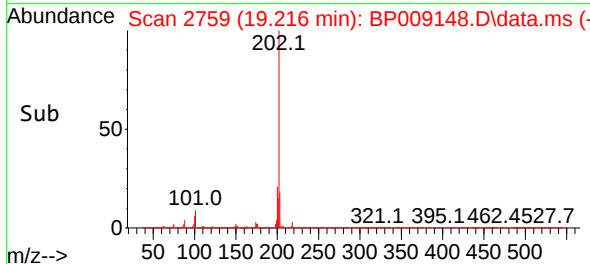
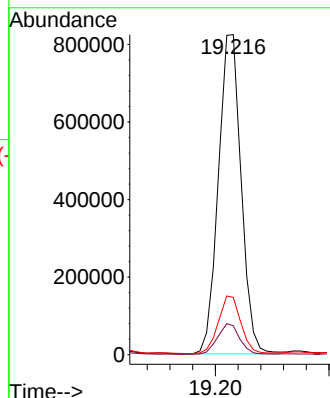
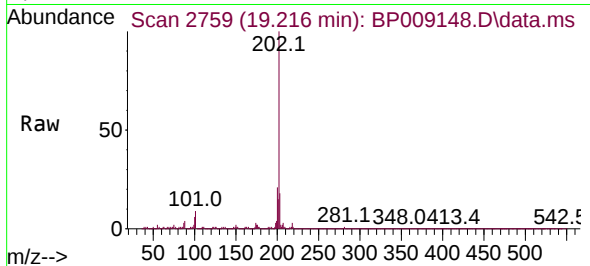




#75
Fluoranthene
Concen: 14.965 ng
RT: 19.216 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

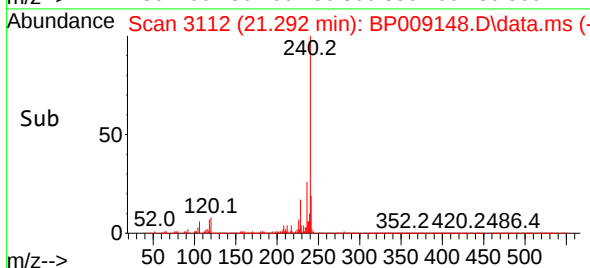
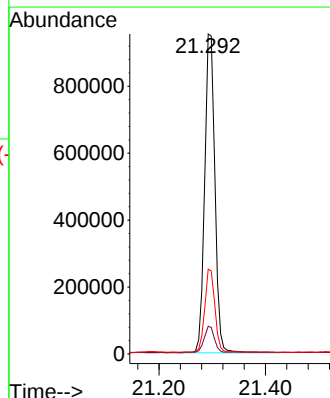
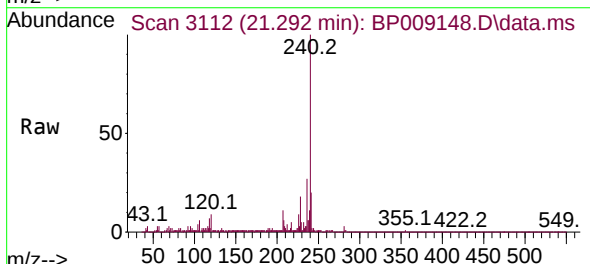
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

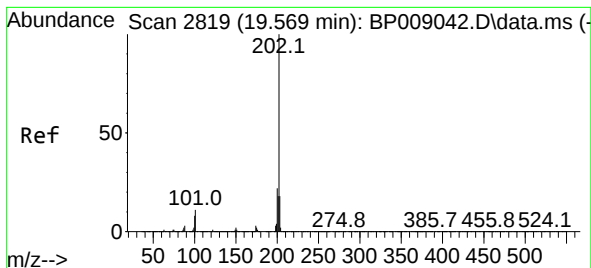
Tgt Ion:202 Resp: 1149651
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 17.9 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:240 Resp: 1272172
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.5 21.2 31.8





#78

Pyrene

Concen: 14.167 ng

RT: 19.563 min Scan# 2818

Delta R.T. -0.006 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Instrument :

BNA_P

ClientSampleId :

HE-2-021122

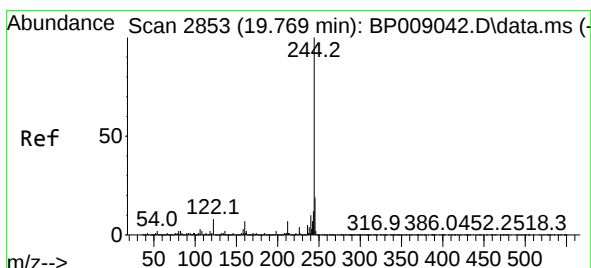
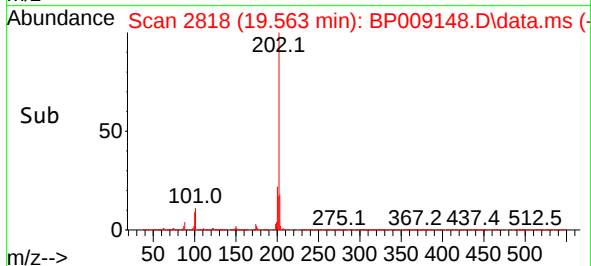
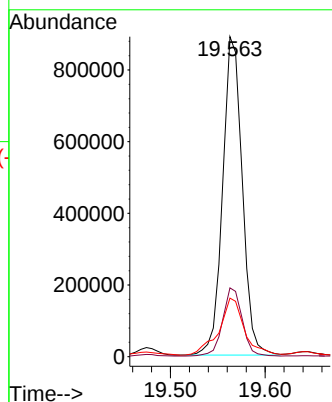
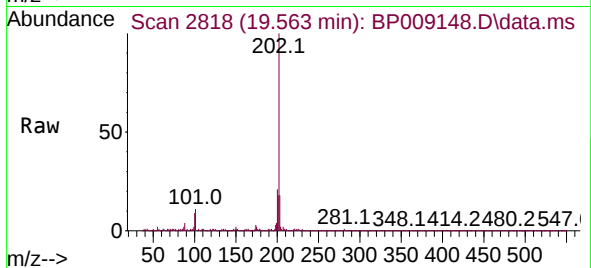
Tgt Ion:202 Resp: 1282072

Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

203 18.3 15.0 22.6



#79

Terphenyl-d14

Concen: 29.835 ng

RT: 19.757 min Scan# 2851

Delta R.T. -0.012 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

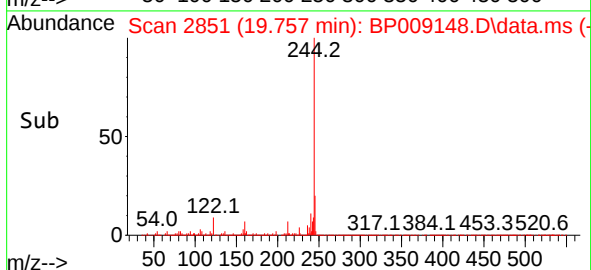
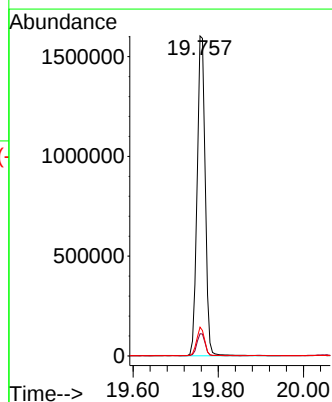
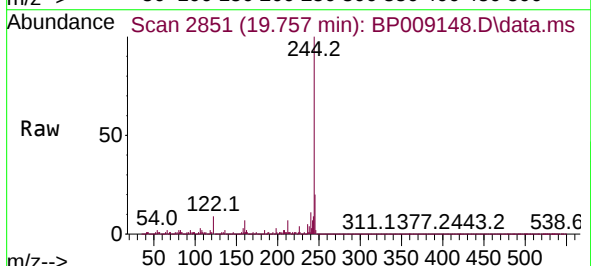
Tgt Ion:244 Resp: 2110577

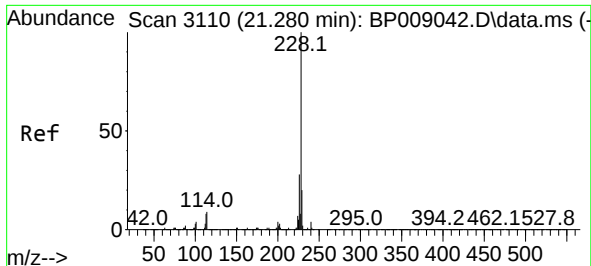
Ion Ratio Lower Upper

244 100

212 6.9 6.5 9.7

122 9.0 9.2 13.8#

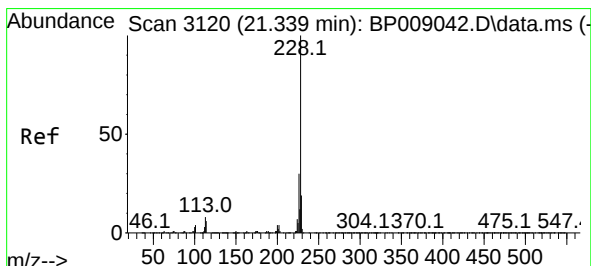
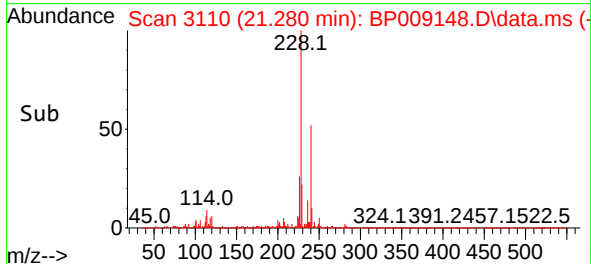
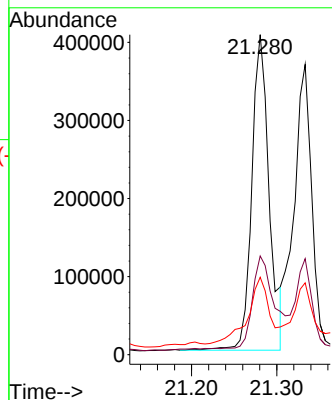
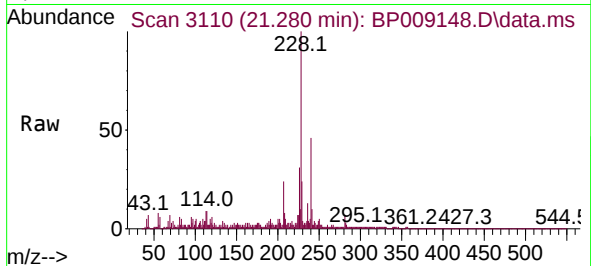




#81
Benzo(a)anthracene
Concen: 6.973 ng
RT: 21.280 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

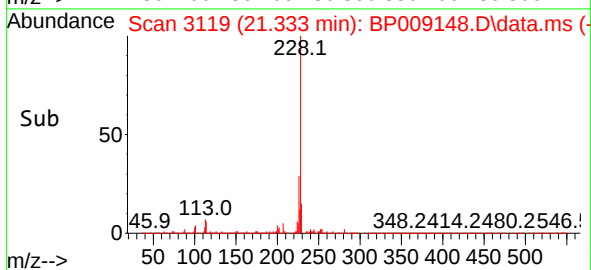
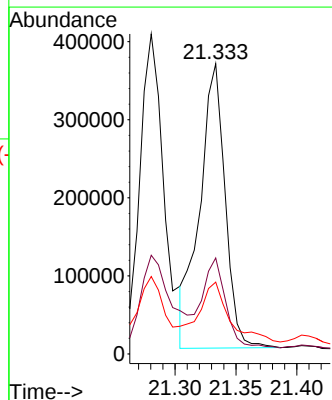
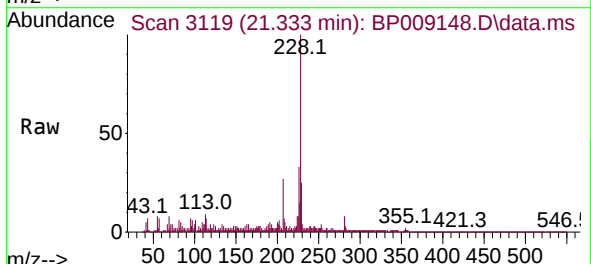
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

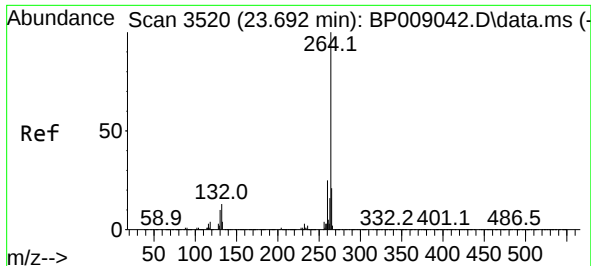
Tgt Ion:228 Resp: 571697
Ion Ratio Lower Upper
228 100
226 30.8 23.3 34.9
229 24.2 17.0 25.6



#83
Chrysene
Concen: 6.718 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:228 Resp: 530951
Ion Ratio Lower Upper
228 100
226 33.1 26.0 39.0
229 24.8 16.9 25.3

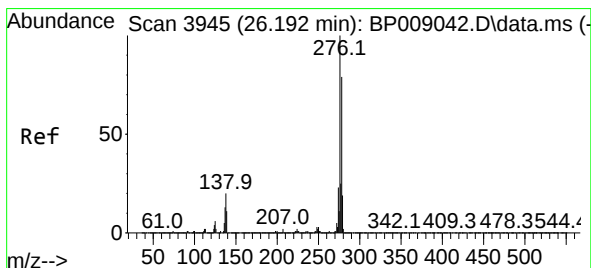
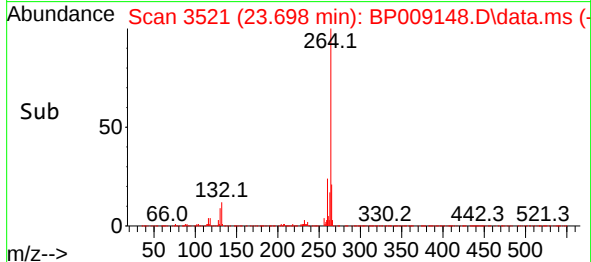
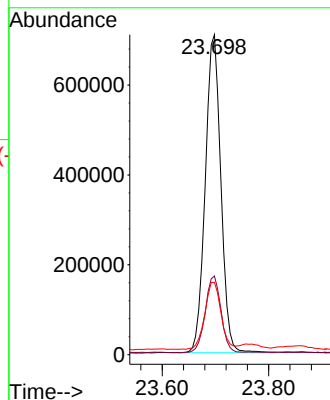
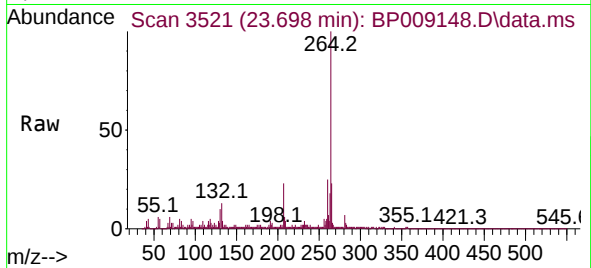




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.698 min Scan# 3521
Delta R.T. 0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

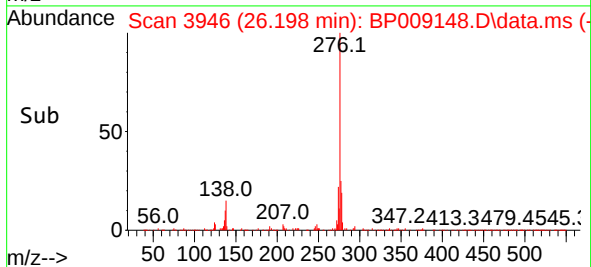
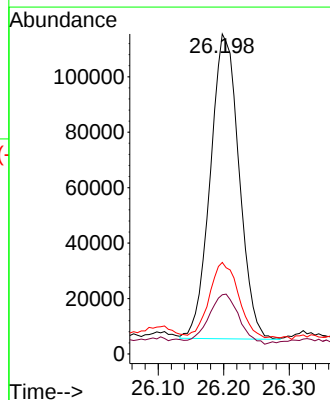
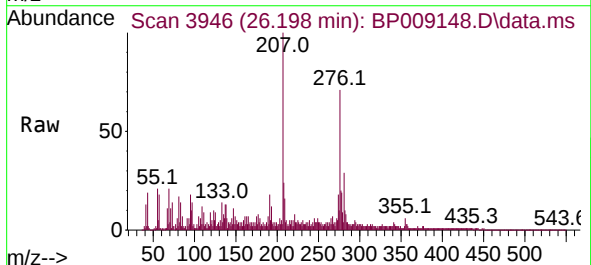
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

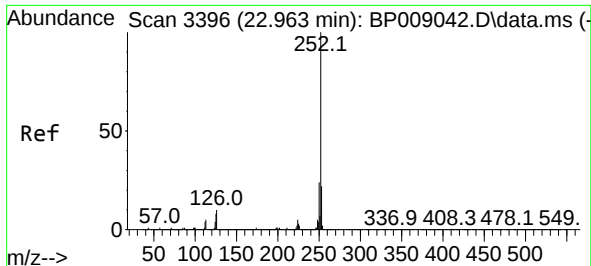
Tgt Ion:264 Resp: 1436328
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.6 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.135 ng
RT: 26.198 min Scan# 3946
Delta R.T. 0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:276 Resp: 334556
Ion Ratio Lower Upper
276 100
138 17.5 17.8 26.6#
277 24.5 20.4 30.6

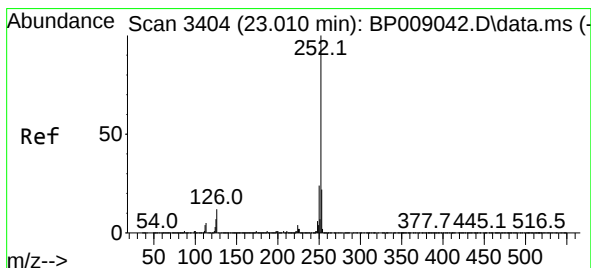
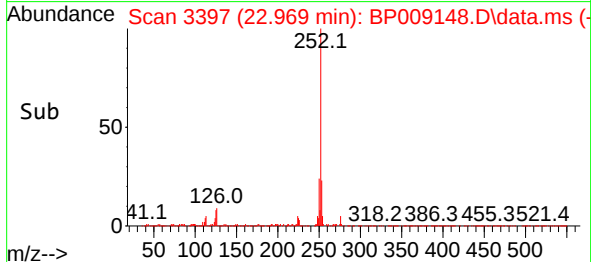
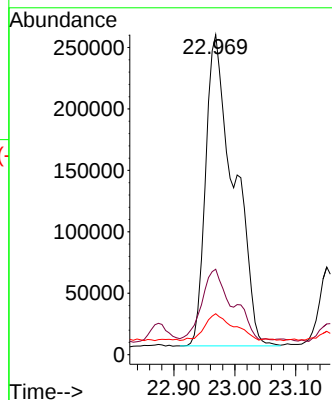
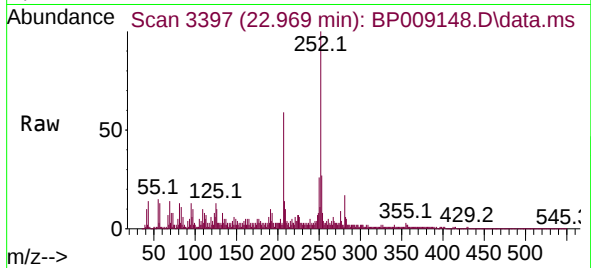




#88
Benzo(b)fluoranthene
Concen: 9.272 ng
RT: 22.969 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

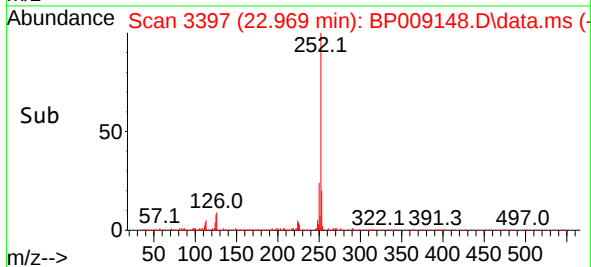
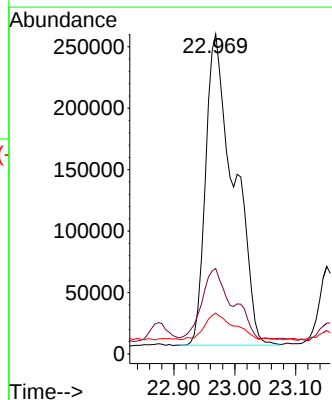
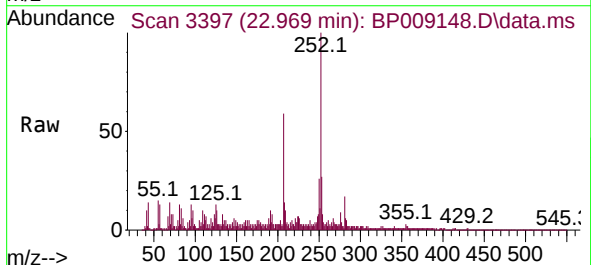
Instrument :
BNA_P
ClientSampleId :
HE-2-021122

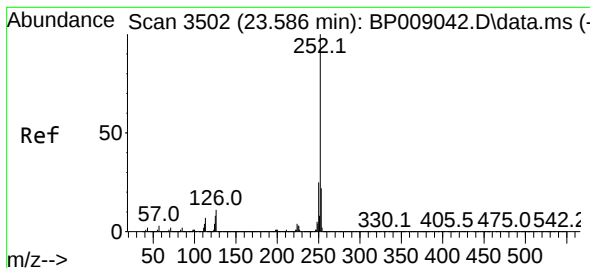
Tgt Ion:252 Resp: 819810
Ion Ratio Lower Upper
252 100
253 26.7 18.0 27.0
125 12.8 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 9.293 ng
RT: 22.969 min Scan# 3397
Delta R.T. -0.041 min
Lab File: BP009148.D
Acq: 14 Feb 2022 22:47

Tgt Ion:252 Resp: 819810
Ion Ratio Lower Upper
252 100
253 26.7 18.2 27.2
125 12.8 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 7.461 ng

RT: 23.586 min Scan# 3502

Delta R.T. 0.000 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Instrument :

BNA_P

ClientSampleId :

HE-2-021122

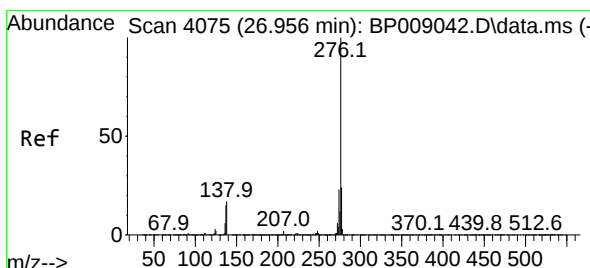
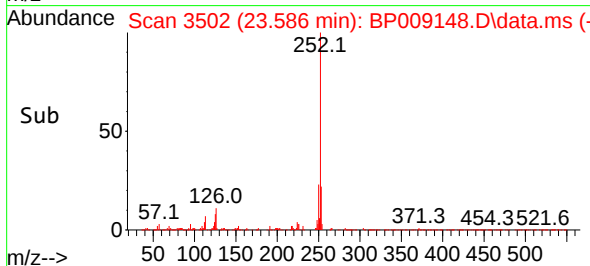
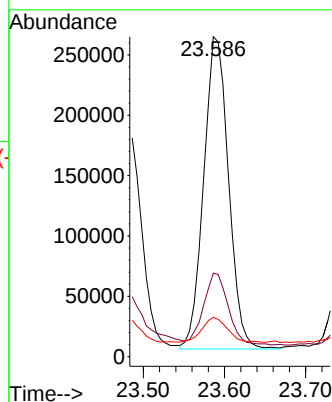
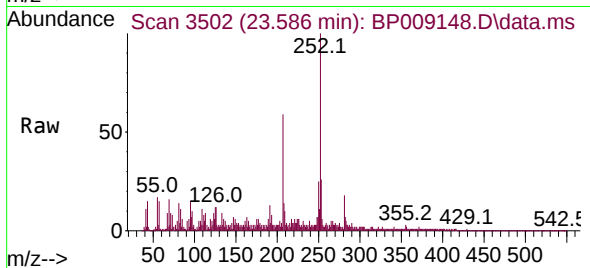
Tgt Ion:252 Resp: 550035

Ion Ratio Lower Upper

252 100

253 26.1 17.8 26.8

125 12.3 7.8 11.6#



#92

Benzo(g,h,i)perylene

Concen: 4.325 ng

RT: 26.974 min Scan# 4078

Delta R.T. 0.018 min

Lab File: BP009148.D

Acq: 14 Feb 2022 22:47

Tgt Ion:276 Resp: 377635

Ion Ratio Lower Upper

276 100

277 26.8 19.2 28.8

138 19.7 15.0 22.4

