

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032822\
 Data File : BP009576.D
 Acq On : 28 Mar 2022 21:10
 Operator : CG/JU
 Sample : N2103-03RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200055

Quant Time: Mar 29 03:14:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 25 06:34:38 2022
 Response via : Initial Calibration

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

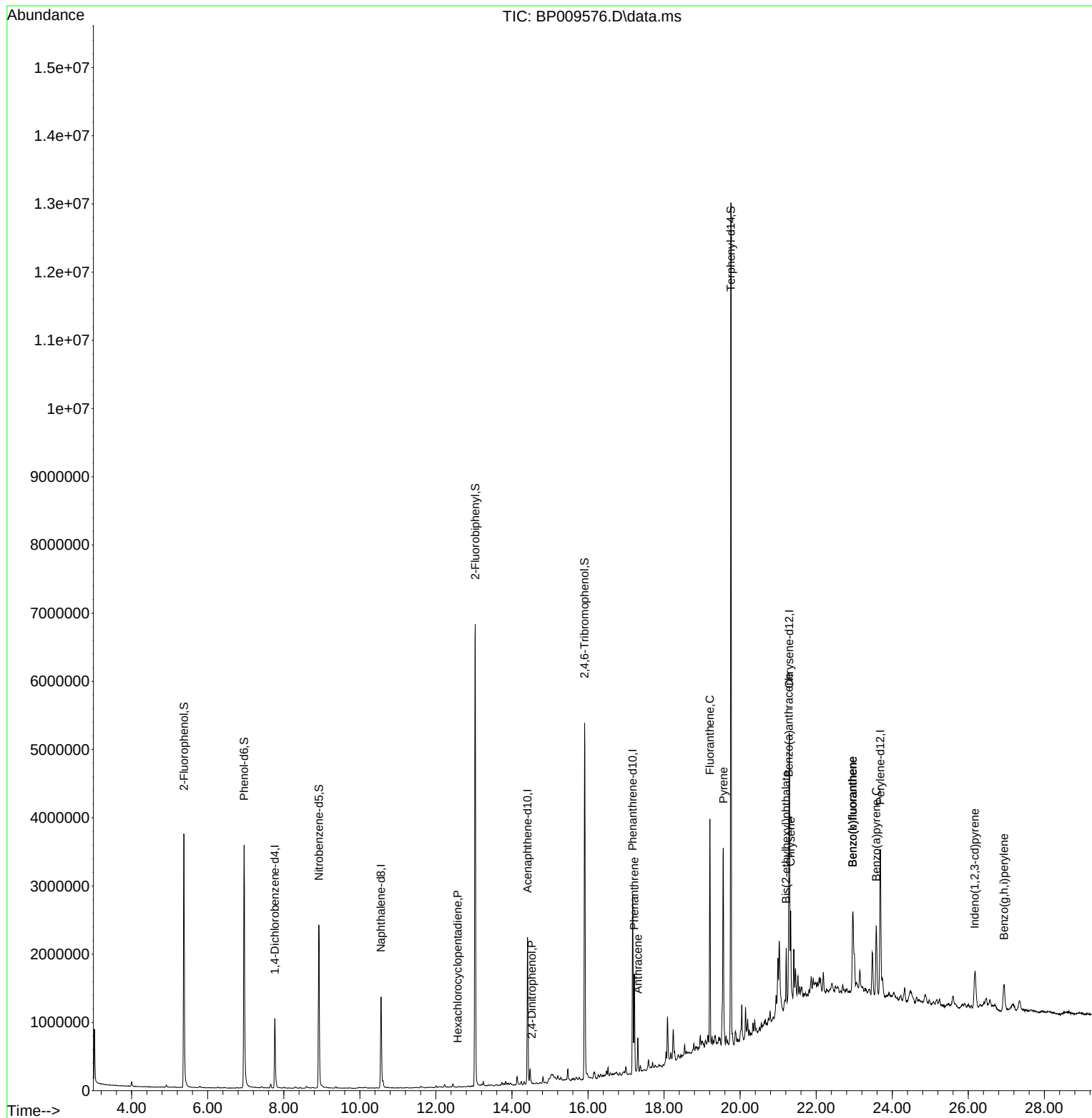
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	312795	20.000	ng	-0.01
21) Naphthalene-d8	10.557	136	1283807	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	820298	20.000	ng	-0.01
64) Phenanthrene-d10	17.175	188	1673804	20.000	ng	-0.01
76) Chrysene-d12	21.292	240	1645216	20.000	ng	0.00
86) Perylene-d12	23.686	264	1770866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2041259	113.937	ng	0.00
7) Phenol-d6	6.958	99	2611463	107.785	ng	0.00
23) Nitrobenzene-d5	8.922	82	1644983	68.091	ng	-0.01
42) 2,4,6-Tribromophenol	15.910	330	1196179	88.368	ng	-0.01
45) 2-Fluorobiphenyl	13.034	172	3994880	67.513	ng	0.00
79) Terphenyl-d14	19.757	244	6148520	67.079	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.869	77	448	Below Cal	#	1
41) Hexachlorocyclopentadiene	12.569	237	8	7.289	ng	85
54) 2,4-Dinitrophenol	14.522	184	56	4.539	ng	# 1
71) Phenanthrene	17.216	178	944816	10.545	ng	99
72) Anthracene	17.310	178	322586	3.647	ng	98
75) Fluoranthene	19.204	202	1972869	18.188	ng	98
78) Pyrene	19.557	202	1838605	16.959	ng	100
81) Benzo(a)anthracene	21.280	228	858349	7.941	ng	97
83) Chrysene	21.328	228	797639	7.793	ng	97
84) Bis(2-ethylhexyl)phtha...	21.210	149	335624	5.225	ng	100
87) Indeno(1,2,3-cd)pyrene	26.168	276	537256	3.999	ng	# 94
88) Benzo(b)fluoranthene	22.963	252	1423943	13.470	ng	98
89) Benzo(k)fluoranthene	22.963	252	1423943	13.757	ng	98
90) Benzo(a)pyrene	23.580	252	817242	9.035	ng	98
92) Benzo(g,h,i)perylene	26.939	276	558452	5.070	ng	97

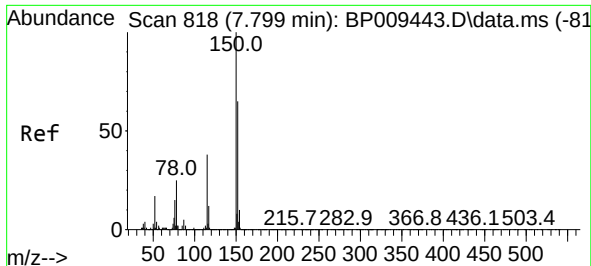
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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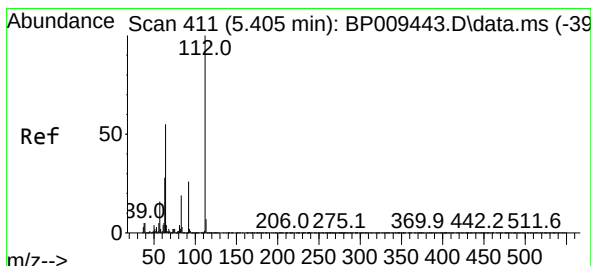
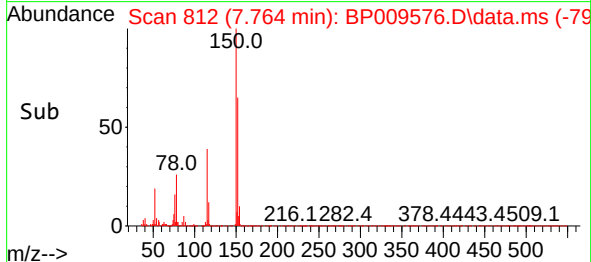
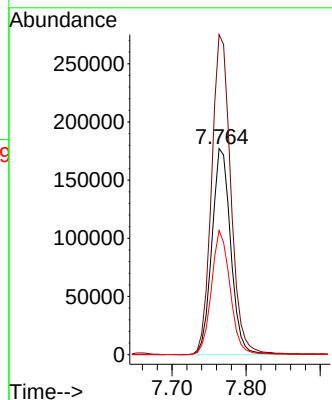
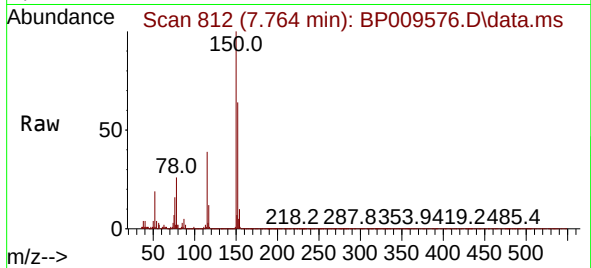




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

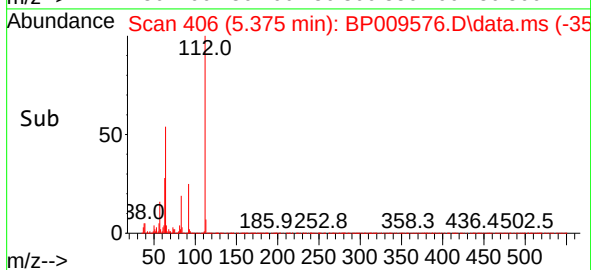
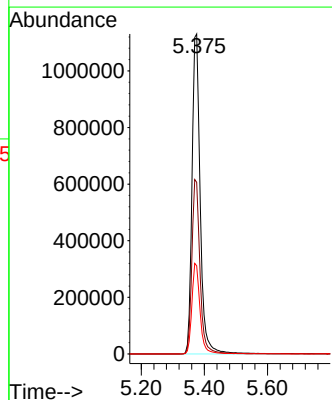
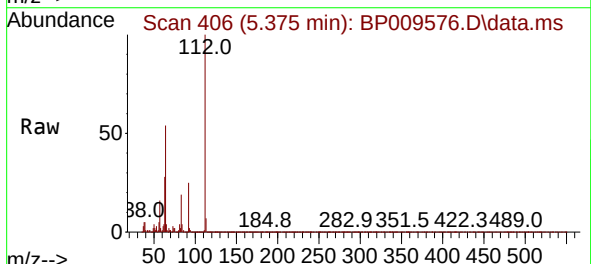
Instrument :
BNA_P
ClientSampleId :
RBR-200055

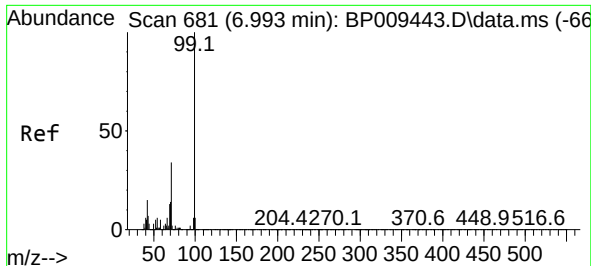
Tgt Ion:152 Resp: 312795
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 60.2 48.2 72.4



#5
2-Fluorophenol
Concen: 113.937 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:112 Resp: 2041259
Ion Ratio Lower Upper
112 100
64 53.6 45.0 67.4
63 27.5 23.0 34.6

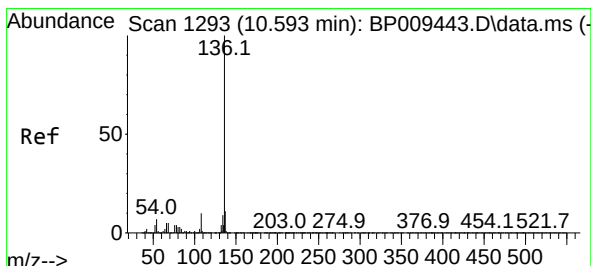
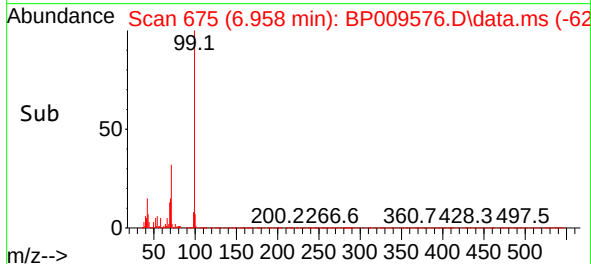
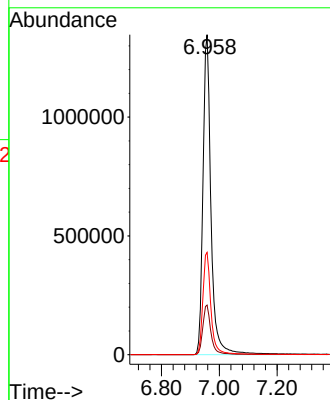
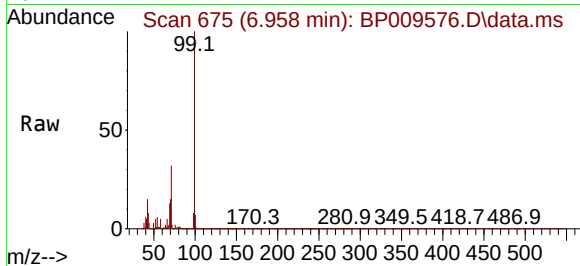




#7
Phenol-d6
Concen: 107.785 ng
RT: 6.958 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

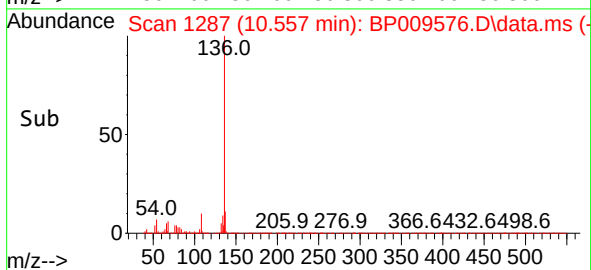
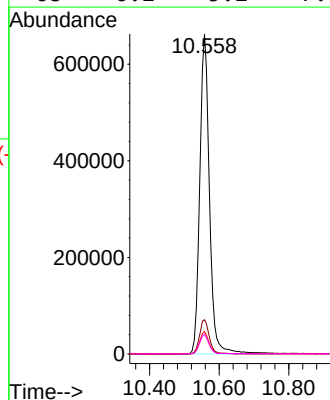
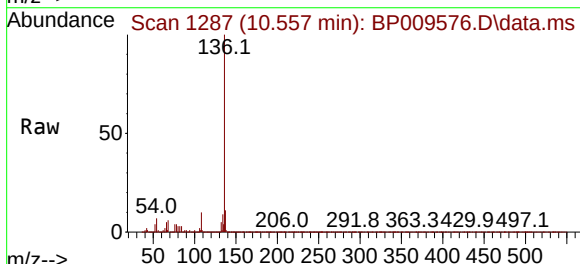
Instrument :
BNA_P
ClientSampleId :
RBR-200055

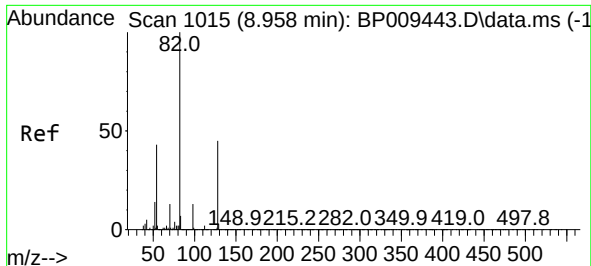
Tgt Ion: 99 Resp: 2611463
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 31.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.557 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion: 136 Resp: 1283807
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8

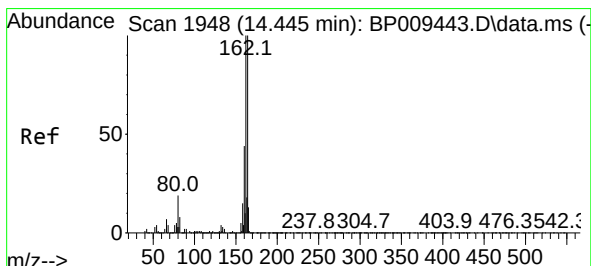
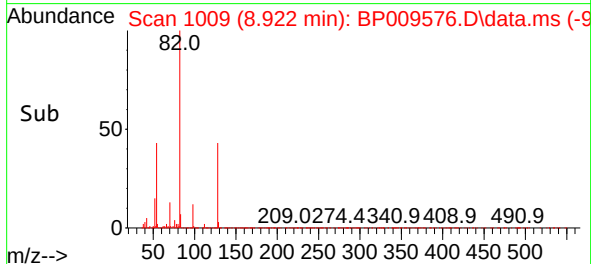
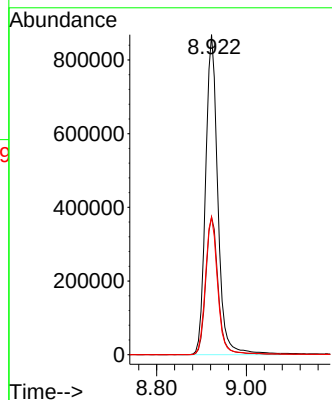
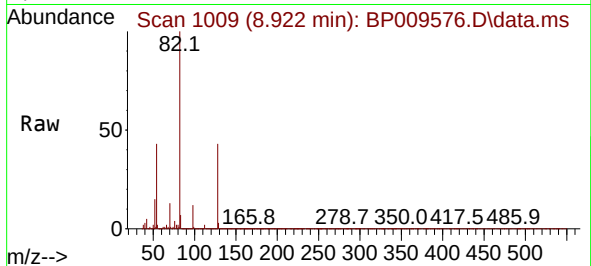




#23
Nitrobenzene-d5
Concen: 68.091 ng
RT: 8.922 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

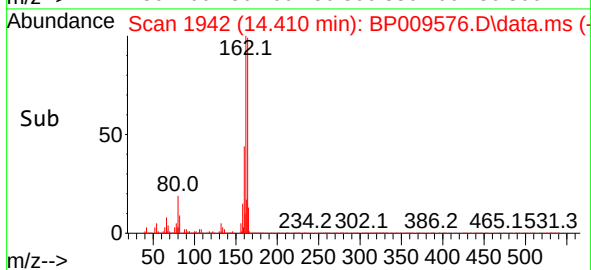
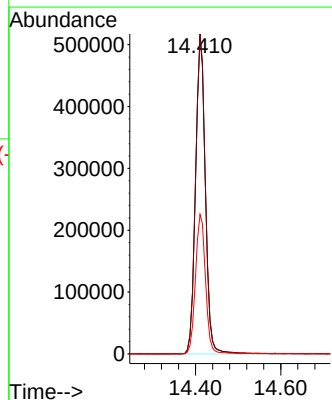
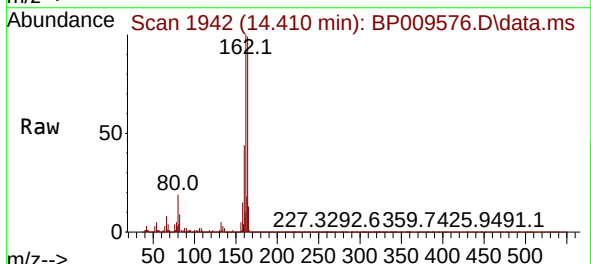
Instrument :
BNA_P
ClientSampleId :
RBR-200055

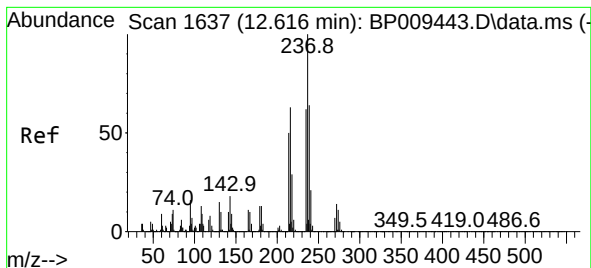
Tgt Ion: 82 Resp: 1644983
Ion Ratio Lower Upper
82 100
128 43.0 34.2 51.4
54 43.0 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:164 Resp: 820298
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 43.9 34.9 52.3

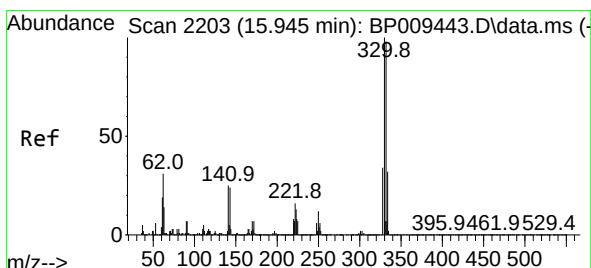
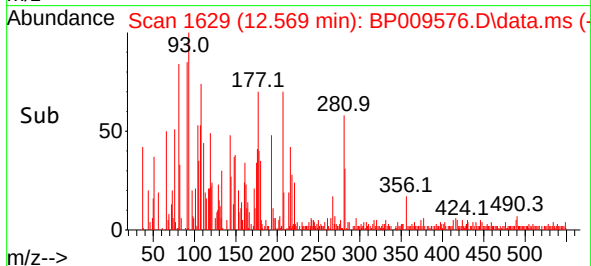
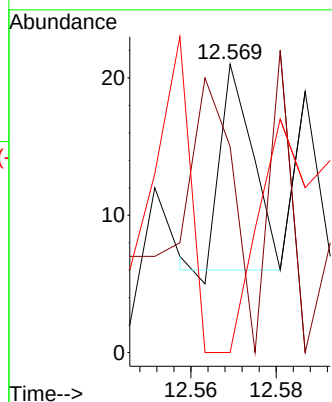
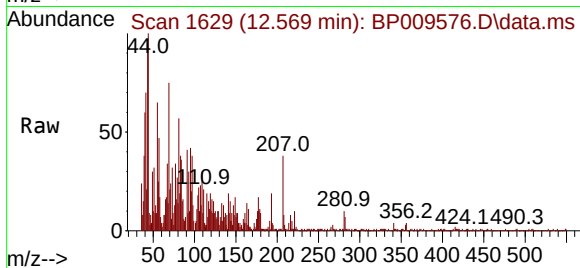




#41
Hexachlorocyclopentadiene
Concen: 7.289 ng
RT: 12.569 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

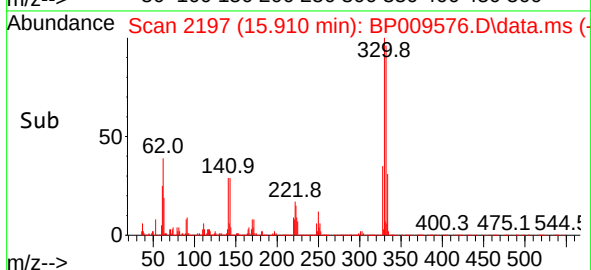
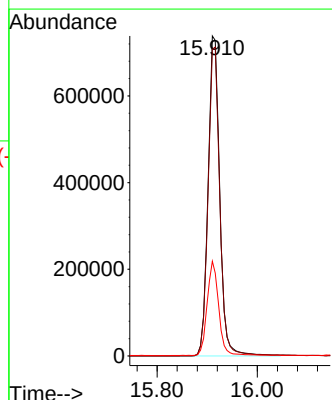
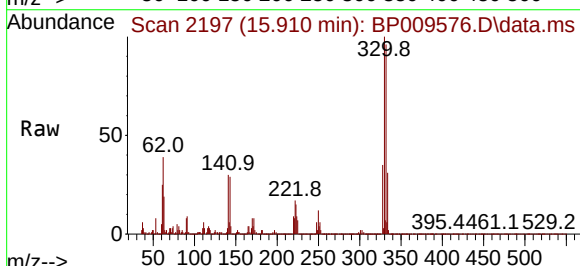
Instrument :
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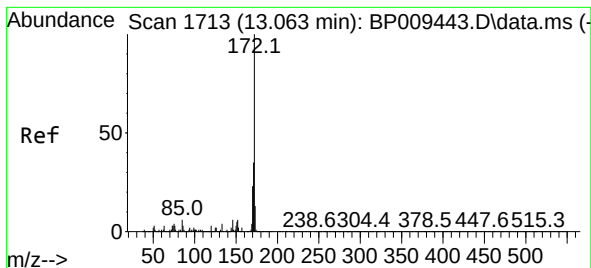
Tgt Ion:	237	Resp:	8
Ion	Ratio	Lower	Upper
237	100		
235	71.4	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 88.368 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.012 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:	330	Resp:	1196179
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.2	27.6	41.4

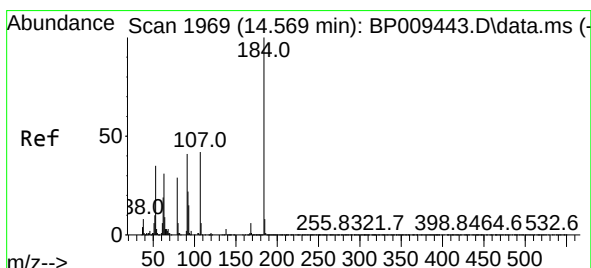
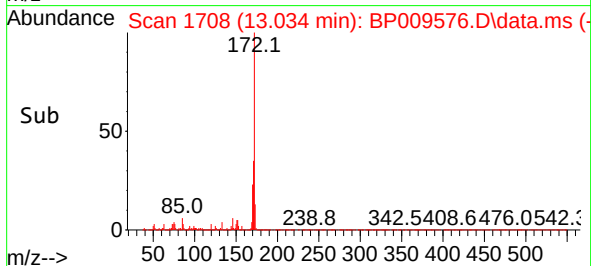
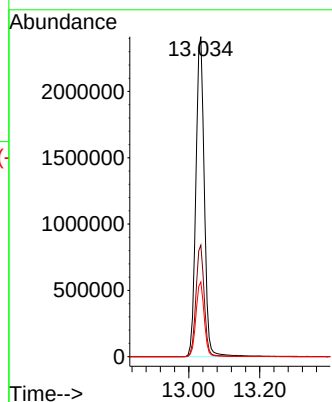
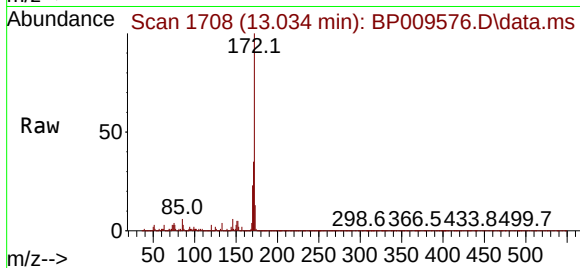




#45
2-Fluorobiphenyl
Concen: 67.513 ng
RT: 13.034 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

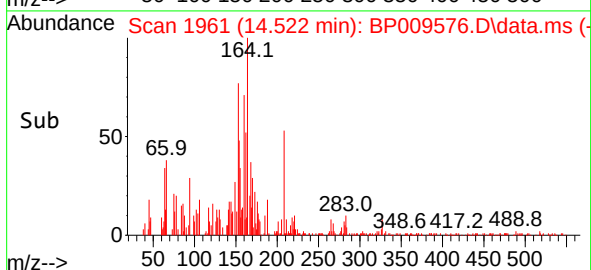
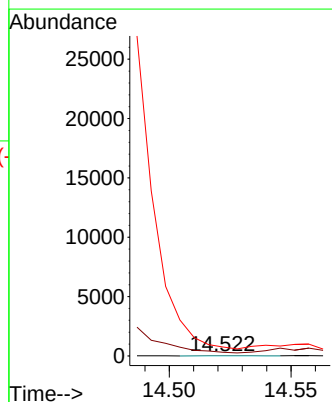
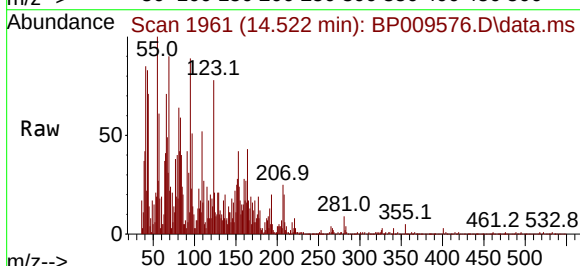
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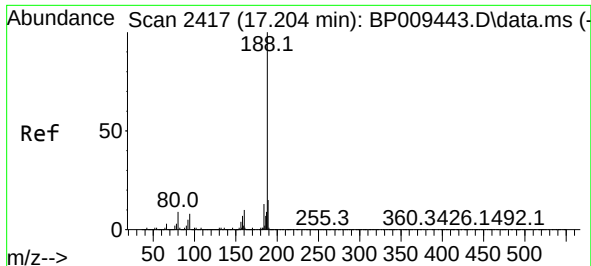
Tgt Ion:172 Resp: 3994880
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.4 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.539 ng
RT: 14.522 min Scan# 1961
Delta R.T. -0.029 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 1040.0 46.3 69.5#
154 2536.7 45.8 68.6#

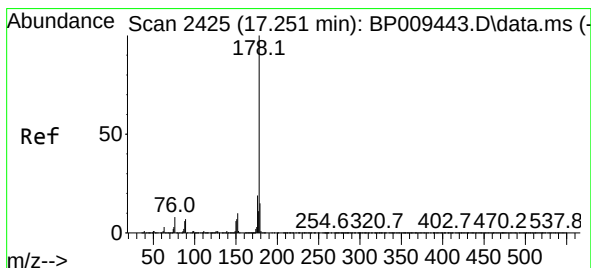
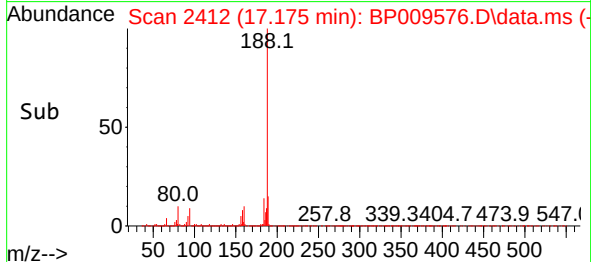
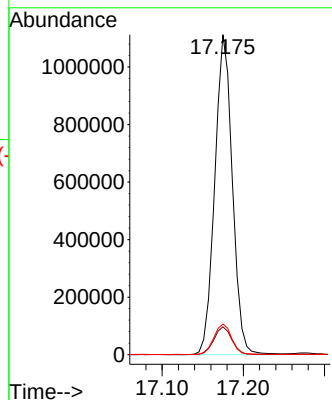
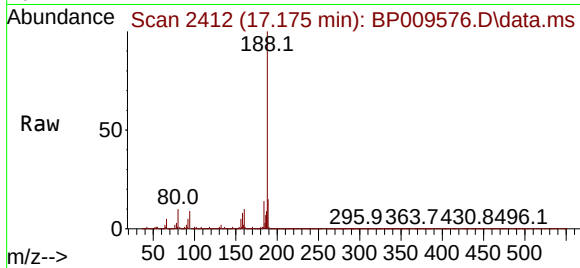




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

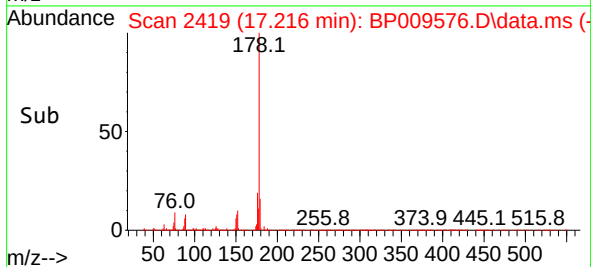
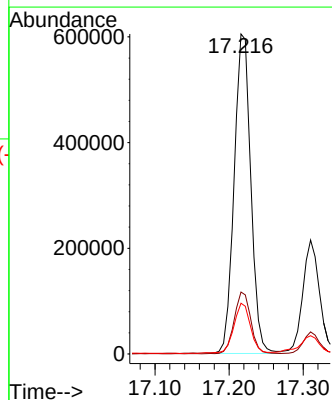
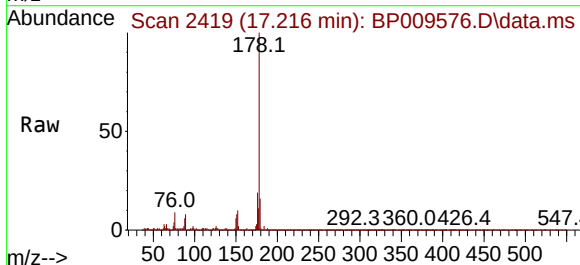
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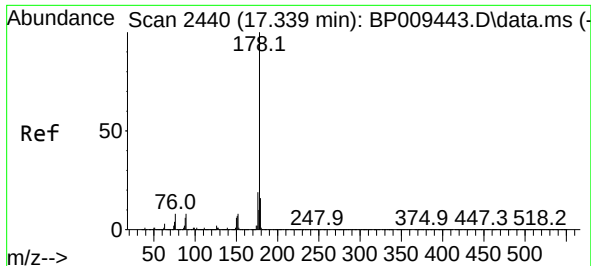
Tgt Ion:188 Resp: 1673804
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.6 8.8 13.2



#71
Phenanthrene
Concen: 10.545 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:178 Resp: 944816
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.8 12.3 18.5

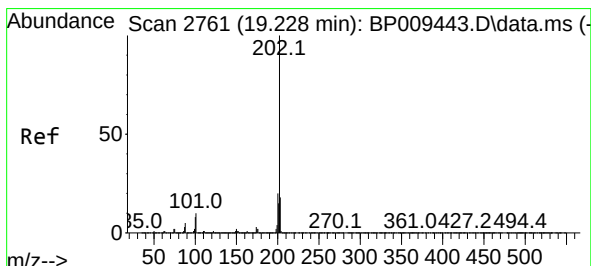
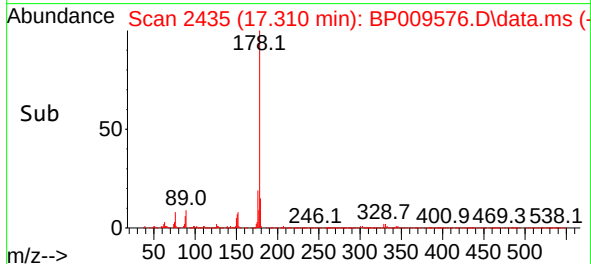
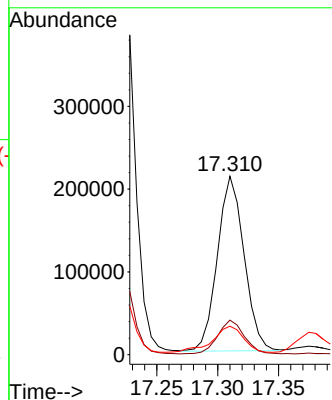
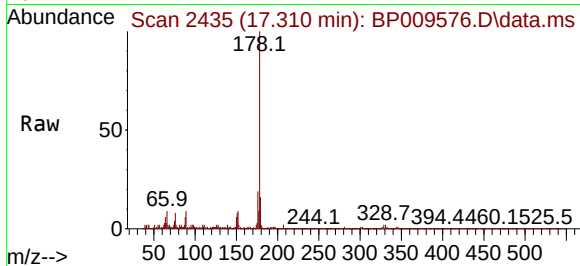




#72
 Anthracene
 Concen: 3.647 ng
 RT: 17.310 min Scan# 2440
 Delta R.T. -0.006 min
 Lab File: BP009576.D
 Acq: 28 Mar 2022 21:10

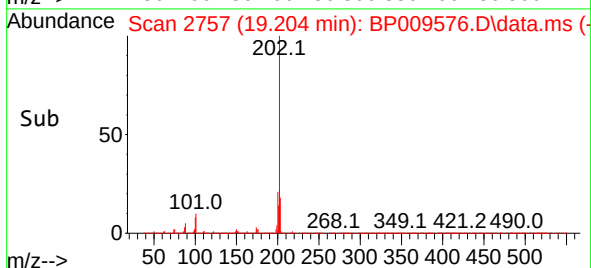
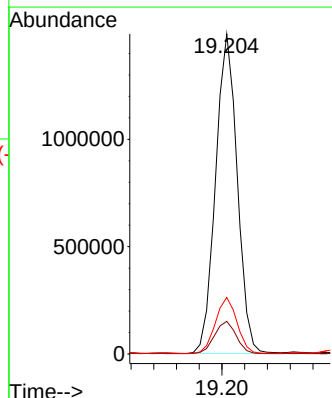
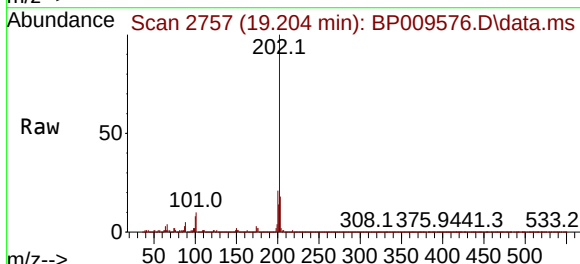
Instrument :
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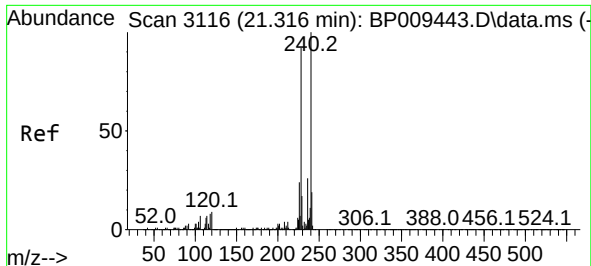
Tgt Ion:178 Resp: 322586
 Ion Ratio Lower Upper
 178 100
 176 19.4 14.8 22.2
 179 16.0 12.2 18.4



#75
 Fluoranthene
 Concen: 18.188 ng
 RT: 19.204 min Scan# 2757
 Delta R.T. -0.006 min
 Lab File: BP009576.D
 Acq: 28 Mar 2022 21:10

Tgt Ion:202 Resp: 1972869
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 31.5
 203 17.7 0.0 37.8

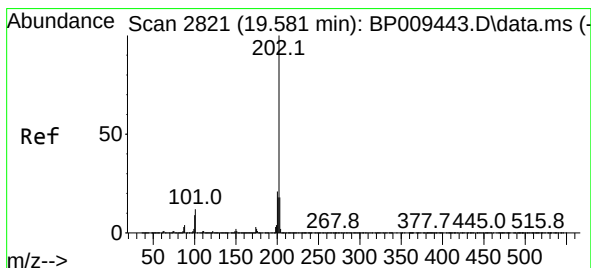
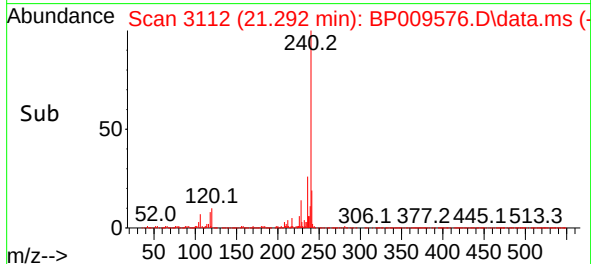
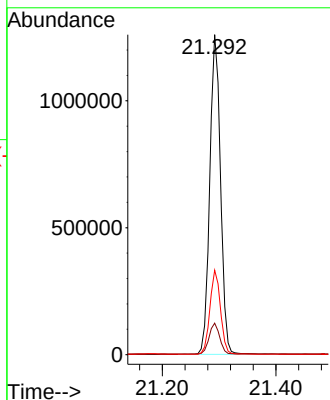
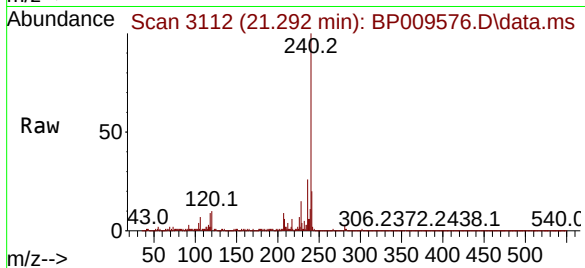




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

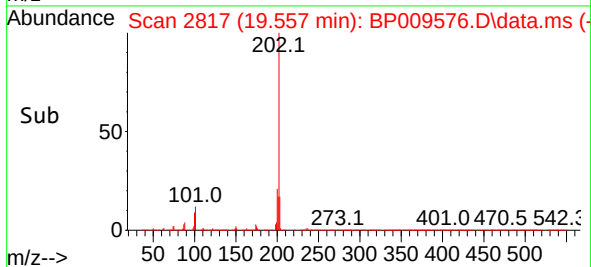
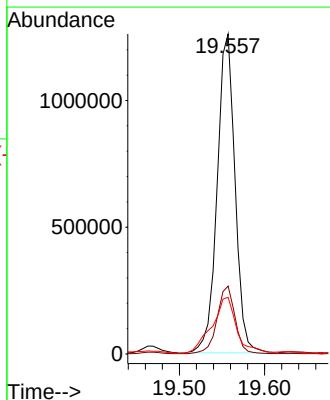
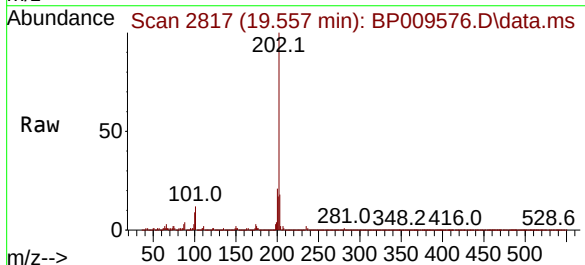
Instrument :
BNA_P
ClientSampleId :
RBR-200055

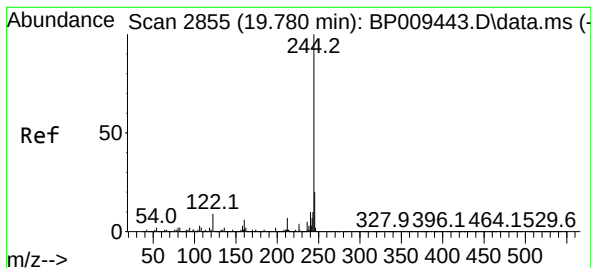
Tgt Ion:240 Resp: 1645216
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 26.4 20.6 30.8



#78
Pyrene
Concen: 16.959 ng
RT: 19.557 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:202 Resp: 1838605
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 67.079 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

Instrument :

BNA_P

ClientSampleId :

RBR-200055

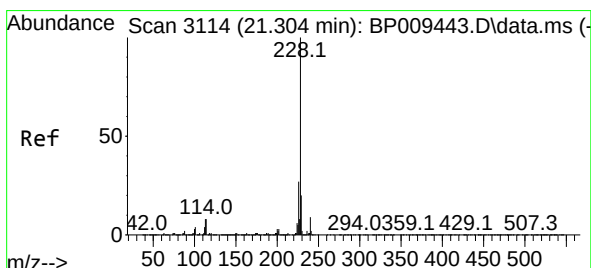
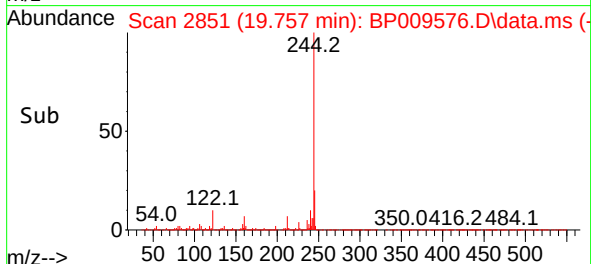
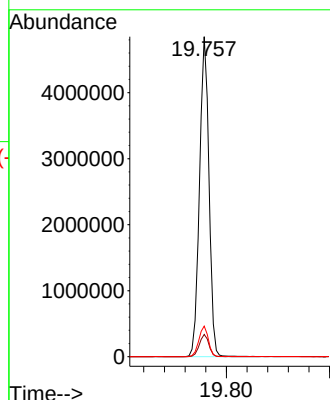
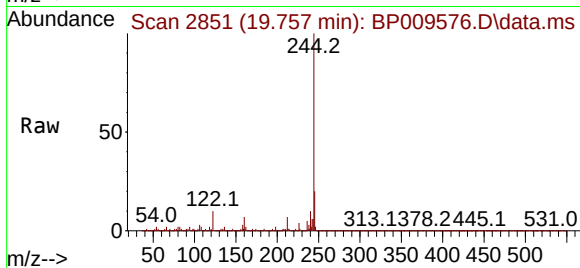
Tgt Ion:244 Resp: 6148520

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.6 8.3 12.5



#81

Benzo(a)anthracene

Concen: 7.941 ng

RT: 21.280 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

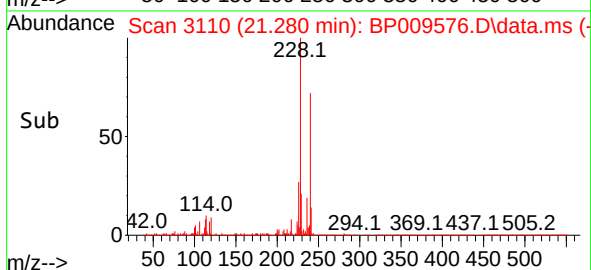
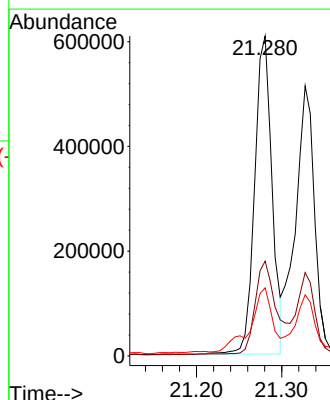
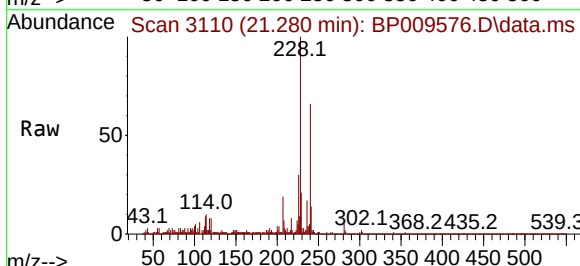
Tgt Ion:228 Resp: 858349

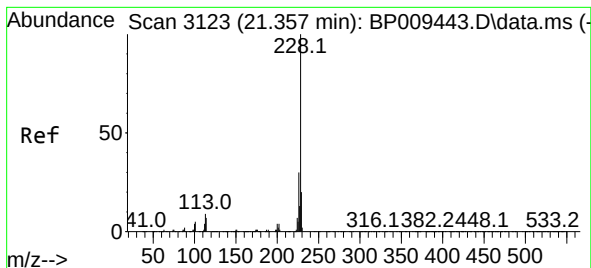
Ion Ratio Lower Upper

228 100

226 29.6 22.0 33.0

229 21.3 16.1 24.1





#83

Chrysene

Concen: 7.793 ng

RT: 21.328 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

Instrument :

BNA_P

ClientSampleId :

RBR-200055

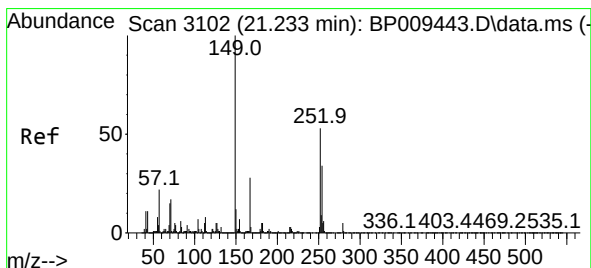
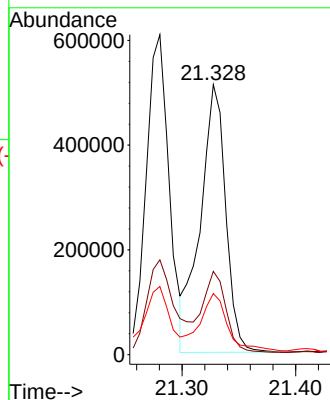
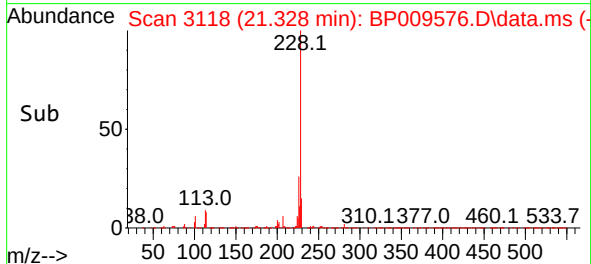
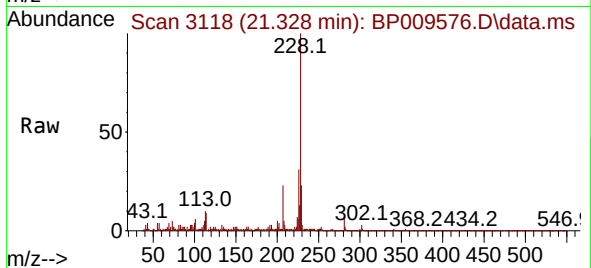
Tgt Ion:228 Resp: 797639

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

229 22.6 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.225 ng

RT: 21.210 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

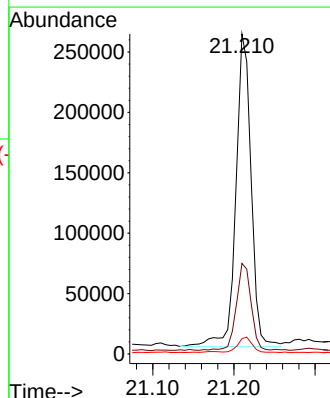
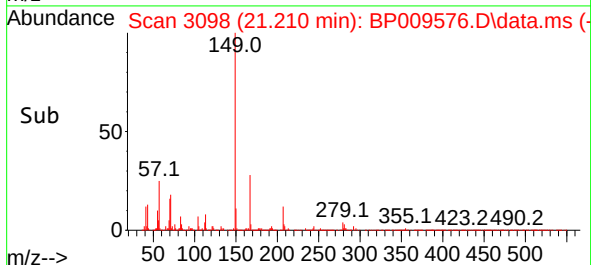
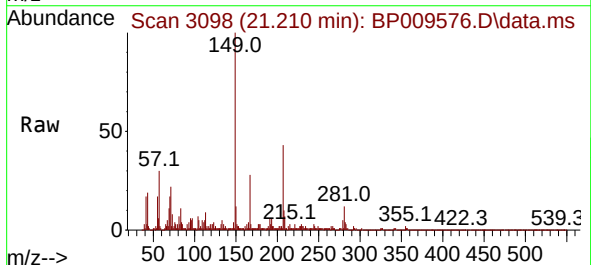
Tgt Ion:149 Resp: 335624

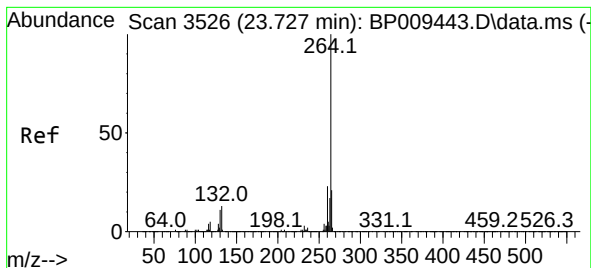
Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

279 4.8 3.8 5.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

Instrument :

BNA_P

ClientSampleId :

RBR-200055

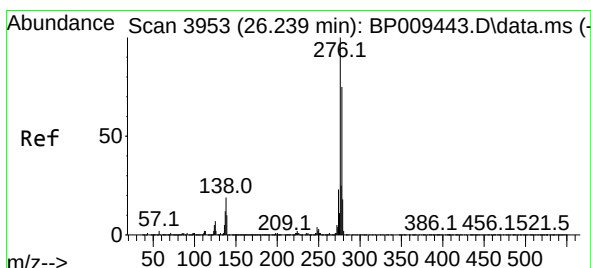
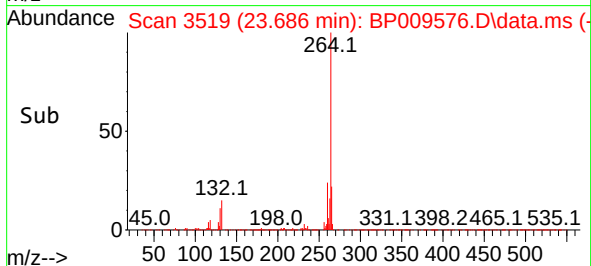
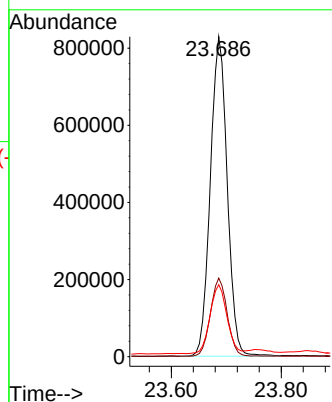
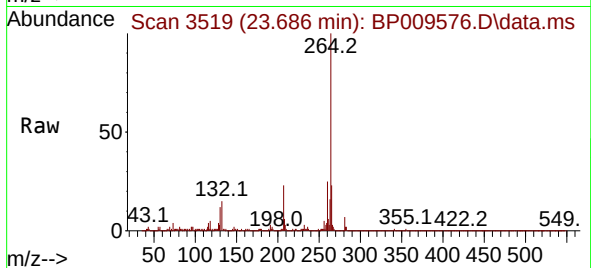
Tgt Ion:264 Resp: 1770866

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.0

265 22.5 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.999 ng

RT: 26.168 min Scan# 3941

Delta R.T. -0.029 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

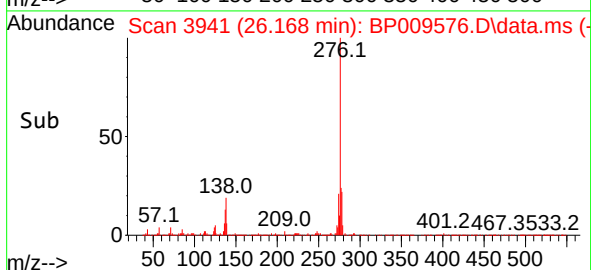
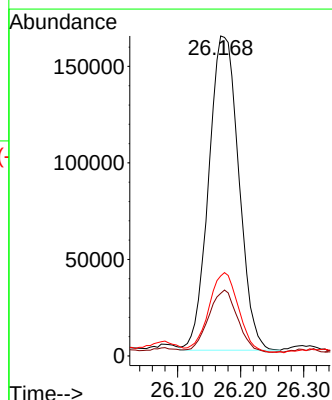
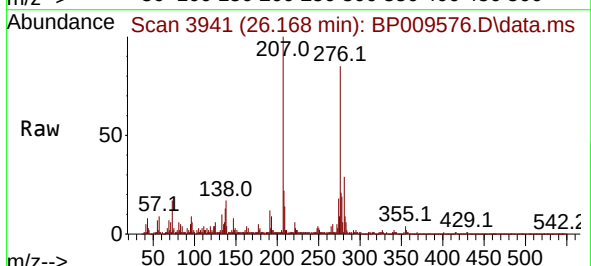
Tgt Ion:276 Resp: 537256

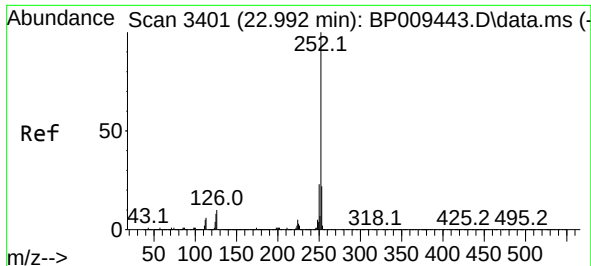
Ion Ratio Lower Upper

276 100

138 19.2 20.5 30.7#

277 25.3 20.4 30.6

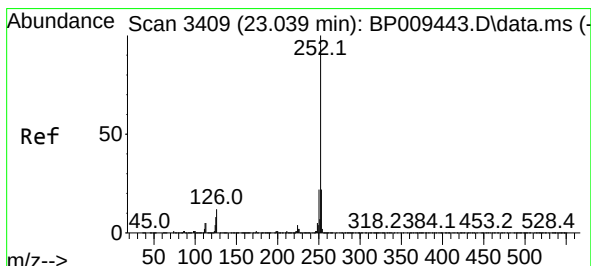
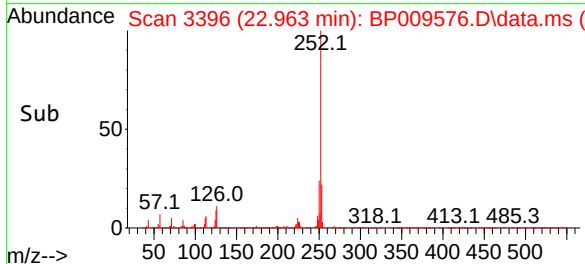
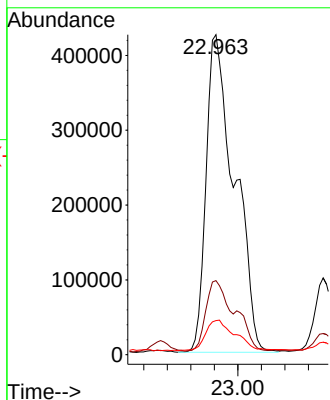
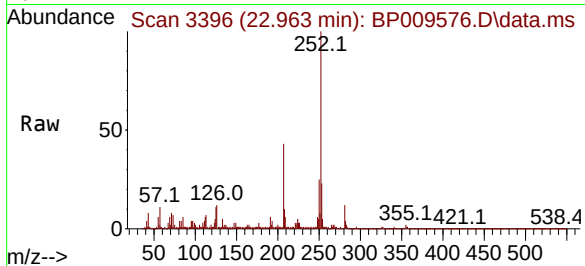




#88
Benzo(b)fluoranthene
Concen: 13.470 ng
RT: 22.963 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

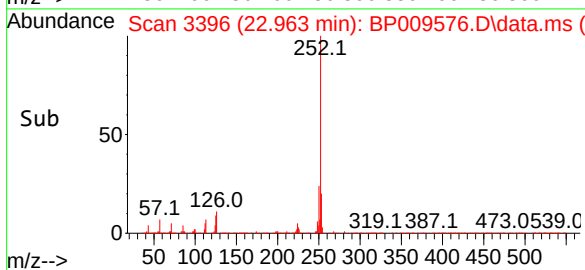
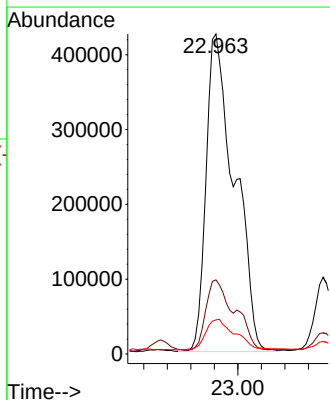
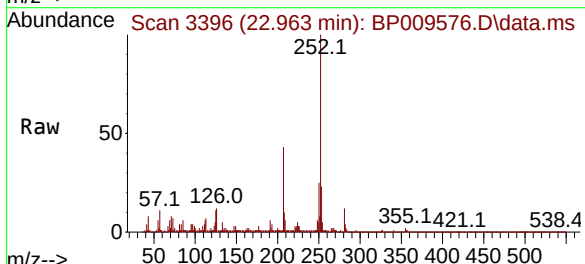
Instrument :
BNA_P
ClientSampleId :
RBR-200055

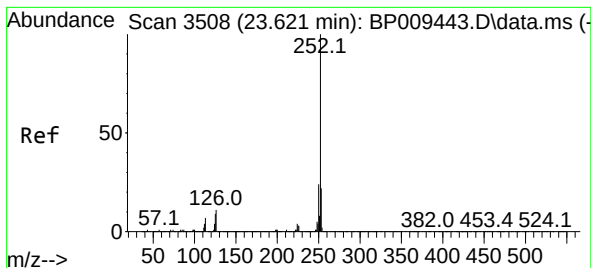
Tgt Ion:252 Resp: 1423943
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.6 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 13.757 ng
RT: 22.963 min Scan# 3396
Delta R.T. -0.047 min
Lab File: BP009576.D
Acq: 28 Mar 2022 21:10

Tgt Ion:252 Resp: 1423943
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 10.6 8.3 12.5





#90

Benzo(a)pyrene

Concen: 9.035 ng

RT: 23.580 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

Instrument :

BNA_P

ClientSampleId :

RBR-200055

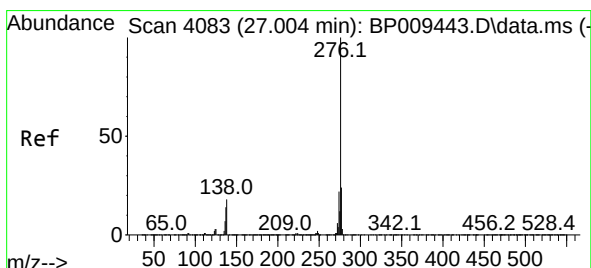
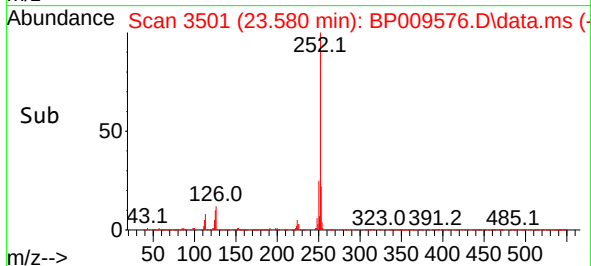
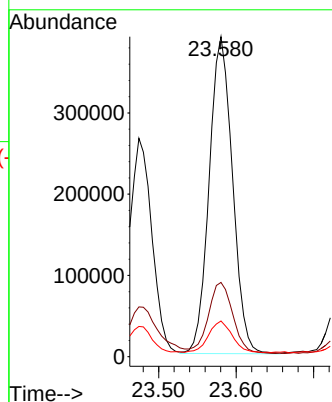
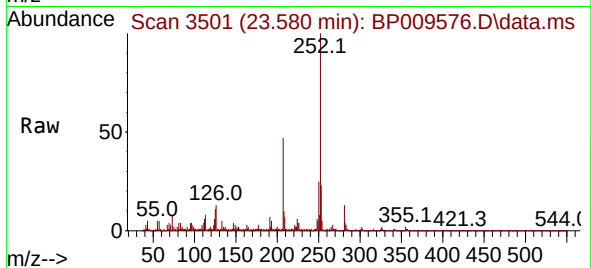
Tgt Ion:252 Resp: 817242

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.6

125 11.2 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 5.070 ng

RT: 26.939 min Scan# 4072

Delta R.T. -0.012 min

Lab File: BP009576.D

Acq: 28 Mar 2022 21:10

Tgt Ion:276 Resp: 558452

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 19.8 18.0 27.0

