

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009085.D
 Acq On : 09 Feb 2022 19:10
 Operator : CG/JU
 Sample : N1387-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 27116

Quant Time: Feb 10 01:45:20 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)

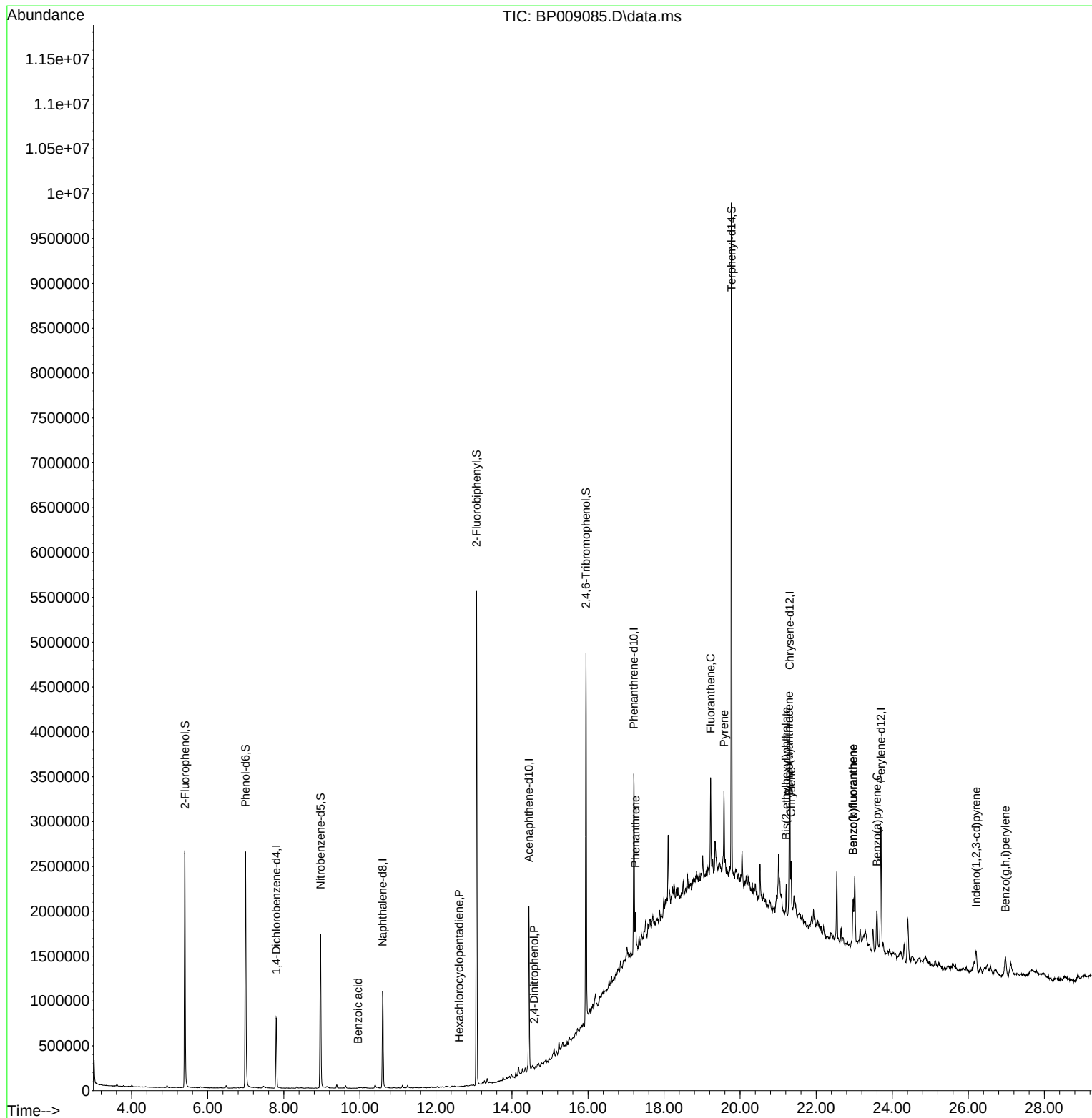
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	248545	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	985864	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	676644	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1298921	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1044258	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	1136376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1359280	97.555	ng	0.00
7) Phenol-d6	6.993	99	1715425	93.435	ng	0.00
23) Nitrobenzene-d5	8.963	82	1076060	61.553	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1053296	116.587	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3095775	64.048	ng	0.00
79) Terphenyl-d14	19.775	244	3880926	66.834	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.952	122	878	2.785	ng	# 51
41) Hexachlorocyclopentadiene	12.610	237	42	8.660	ng	77
54) 2,4-Dinitrophenol	14.587	184	83	2.186	ng	# 1
71) Phenanthrene	17.251	178	251694	3.579	ng	# 96
75) Fluoranthene	19.222	202	627083	7.955	ng	97
78) Pyrene	19.575	202	608801	8.196	ng	98
81) Benzo(a)anthracene	21.286	228	345616	5.136	ng	99
83) Chrysene	21.339	228	331447	5.109	ng	98
84) Bis(2-ethylhexyl)phtha...	21.210	149	134903	3.993	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	281777	3.337	ng	# 92
88) Benzo(b)fluoranthene	22.974	252	656210	9.380	ng	# 93
89) Benzo(k)fluoranthene	22.974	252	656210	9.402	ng	# 94
90) Benzo(a)pyrene	23.598	252	358163	6.141	ng	95
92) Benzo(g,h,i)perylene	26.974	276	287770	4.165	ng	99

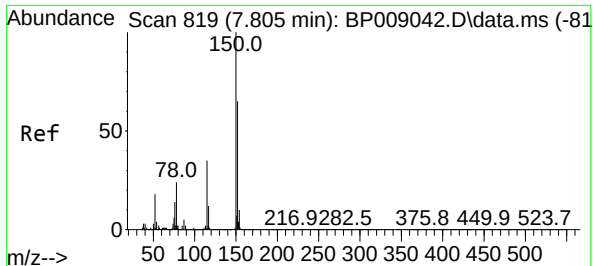
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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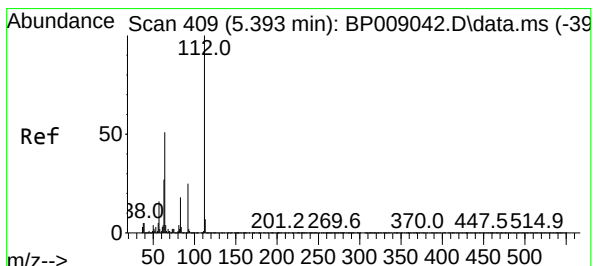
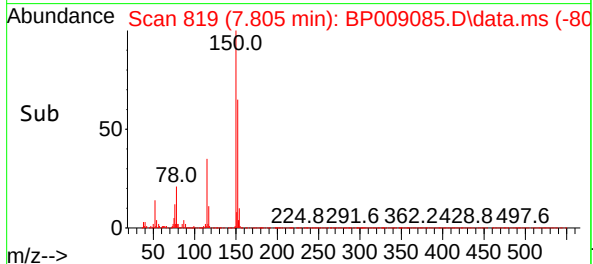
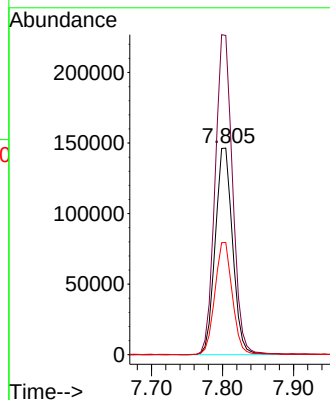
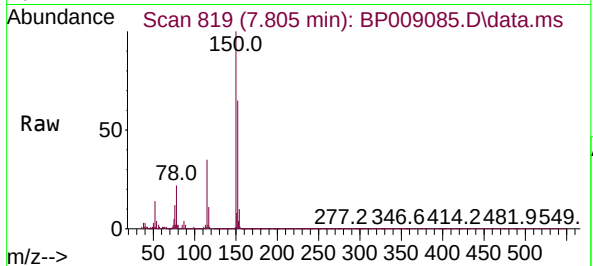




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009085.D
 Acq: 09 Feb 2022 19:10

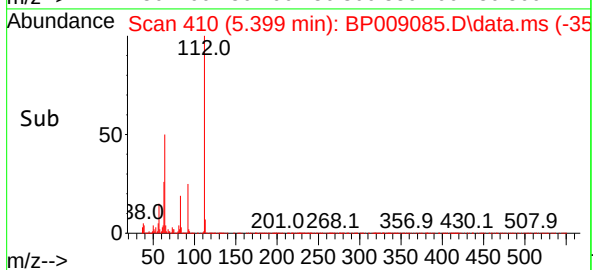
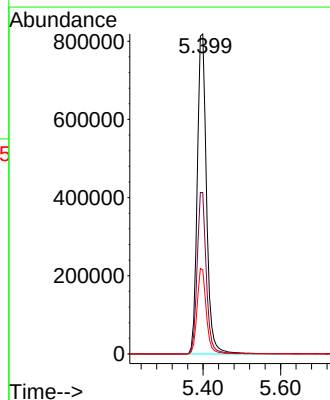
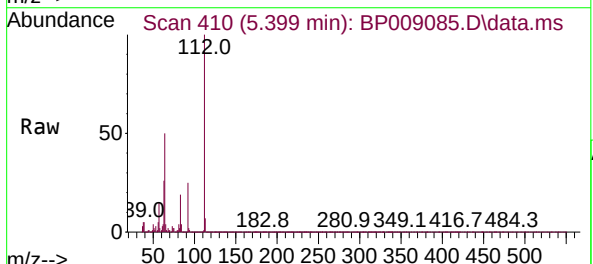
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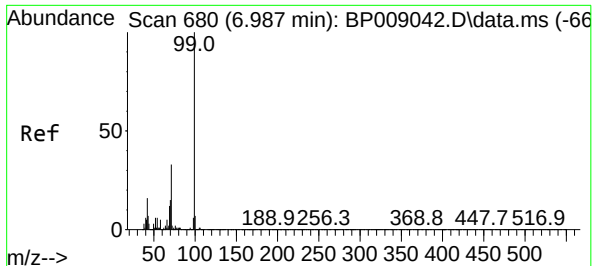
Tgt Ion:152 Resp: 248545
 Ion Ratio Lower Upper
 152 100
 150 154.6 127.0 190.6
 115 54.4 43.7 65.5



#5
 2-Fluorophenol
 Concen: 97.555 ng
 RT: 5.399 min Scan# 410
 Delta R.T. 0.006 min
 Lab File: BP009085.D
 Acq: 09 Feb 2022 19:10

Tgt Ion:112 Resp: 1359280
 Ion Ratio Lower Upper
 112 100
 64 50.4 39.7 59.5
 63 26.3 20.0 30.0

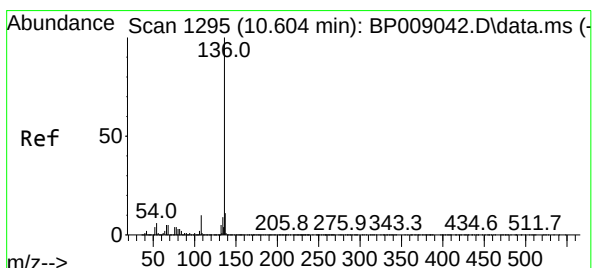
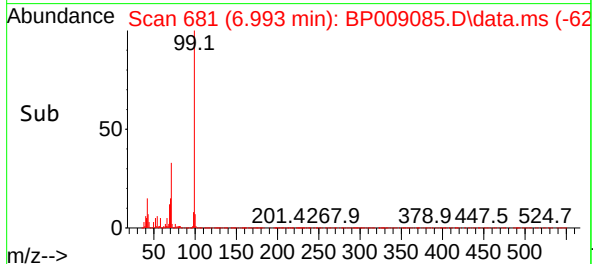
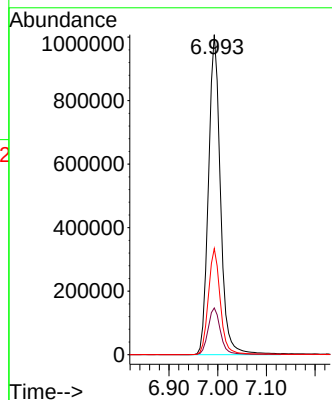
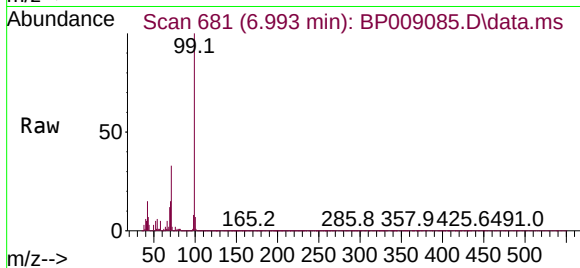




#7
Phenol-d6
Concen: 93.435 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

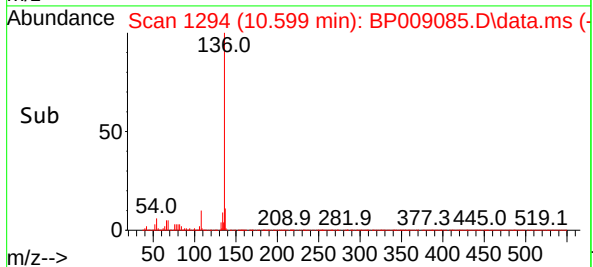
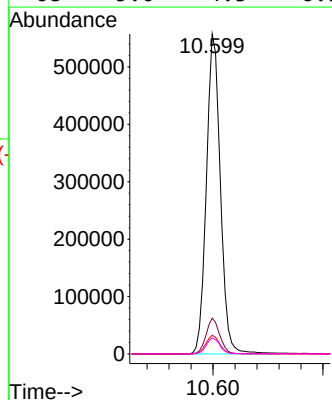
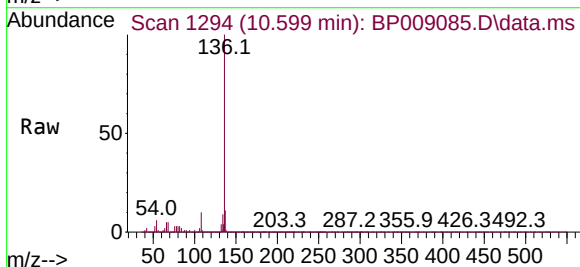
Instrument :
BNA_P
ClientSampleId :
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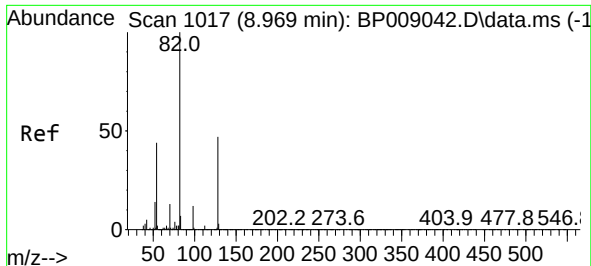
Tgt Ion: 99 Resp: 1715425
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 33.1 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:136 Resp: 985864
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.9 4.9 7.3
68 5.0 4.3 6.5

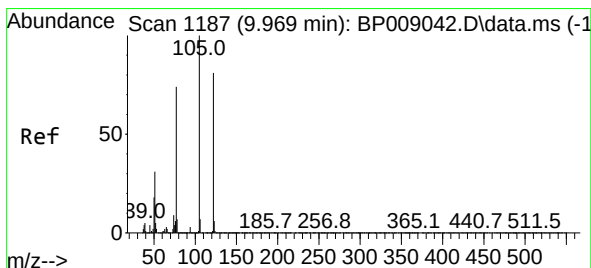
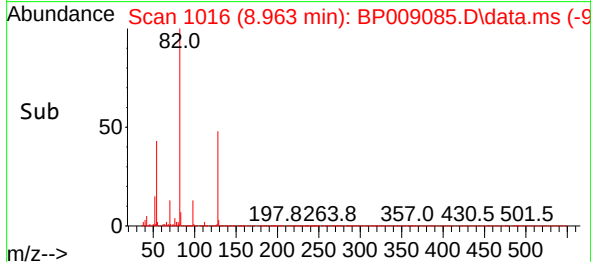
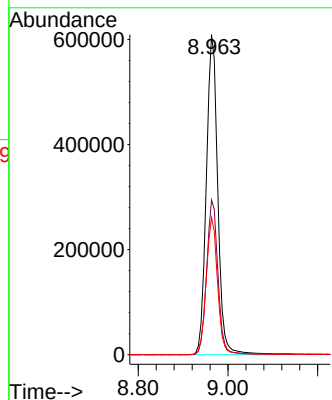
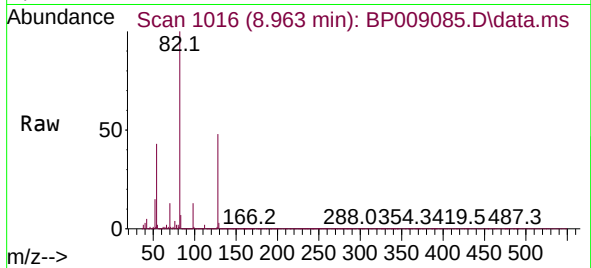




#23
Nitrobenzene-d5
Concen: 61.553 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

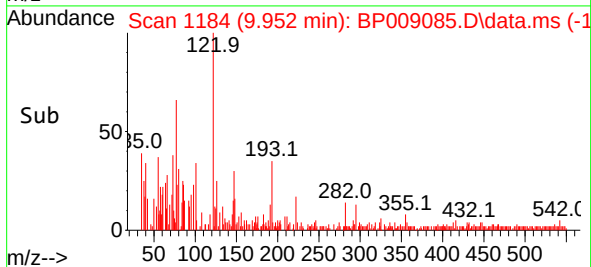
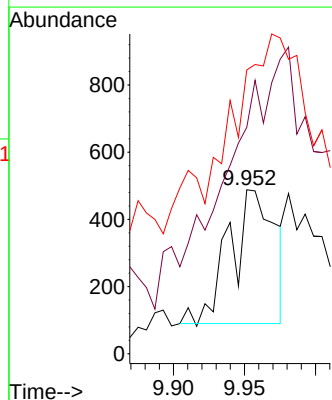
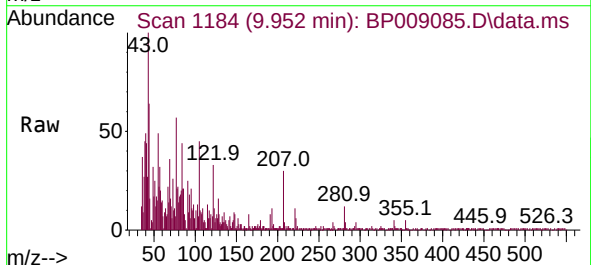
Instrument :
BNA_P
ClientSampleId :
27116

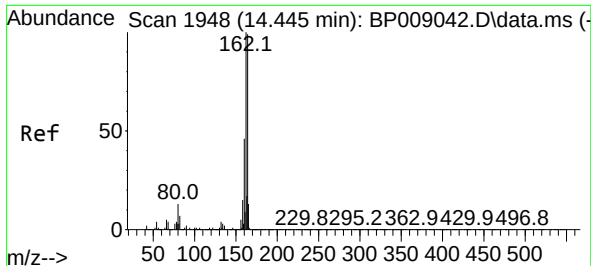
Tgt Ion: 82 Resp: 1076060
Ion Ratio Lower Upper
82 100
128 48.4 39.4 59.2
54 42.9 32.6 48.8



#32
Benzoic acid
Concen: 2.785 ng
RT: 9.952 min Scan# 1184
Delta R.T. -0.017 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion: 122 Resp: 878
Ion Ratio Lower Upper
122 100
105 138.1 100.1 140.1
77 173.2 65.5 105.5#

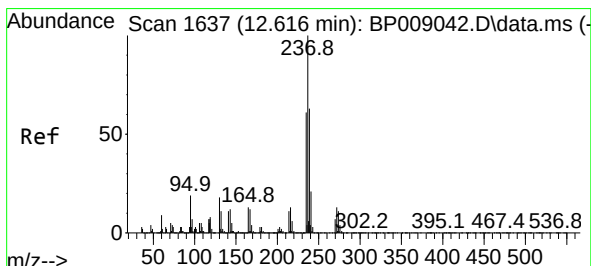
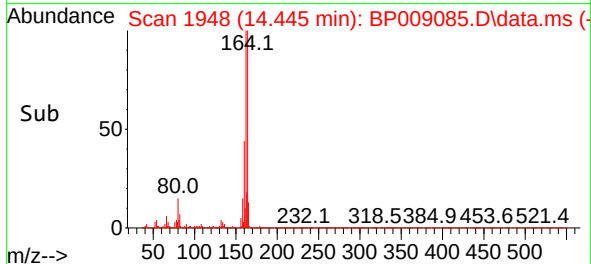
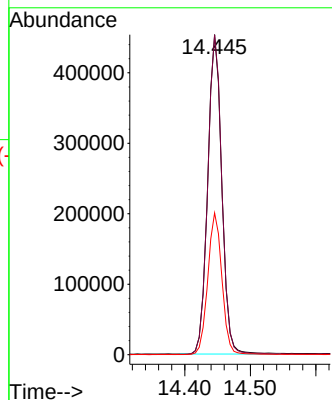
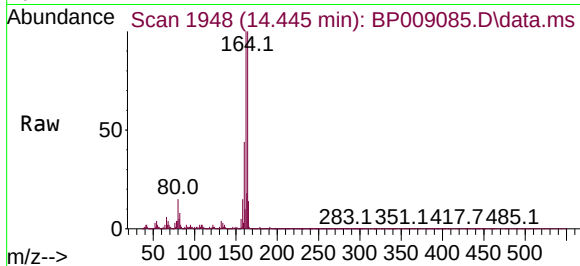




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

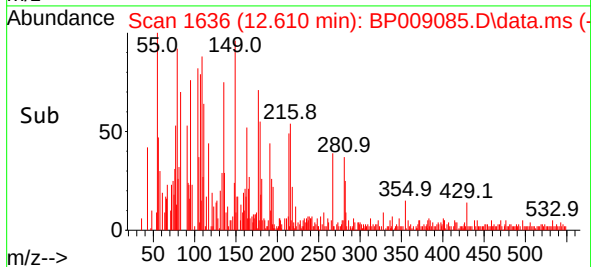
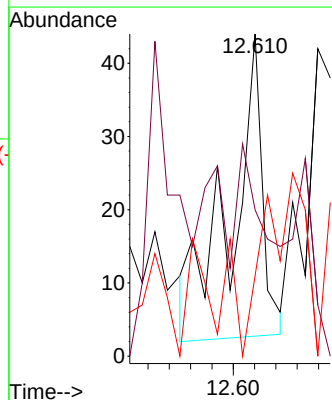
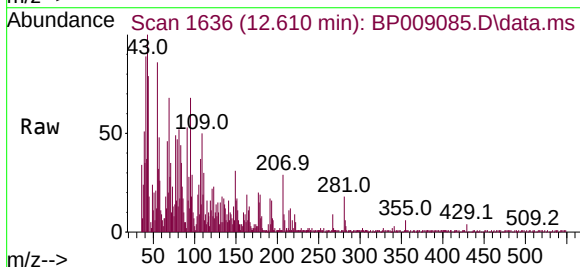
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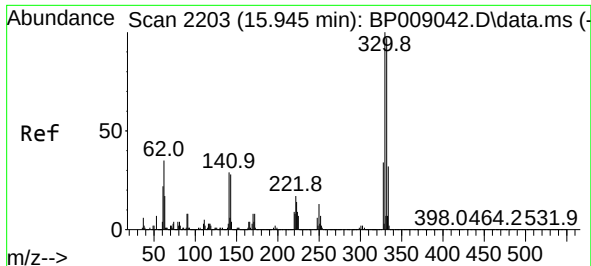
Tgt Ion:164 Resp: 676644
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.3 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:237 Resp: 42
Ion Ratio Lower Upper
237 100
235 45.5 42.9 82.9
272 25.0 0.0 33.8

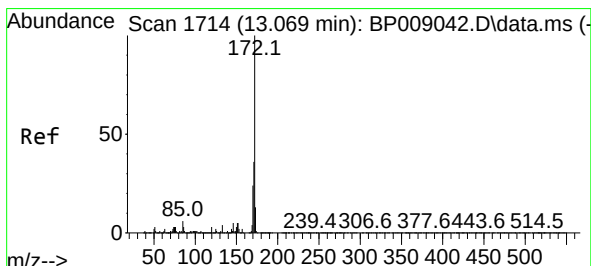
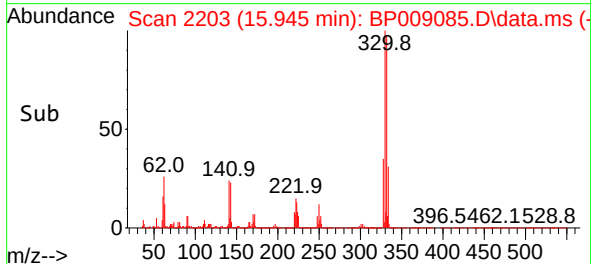
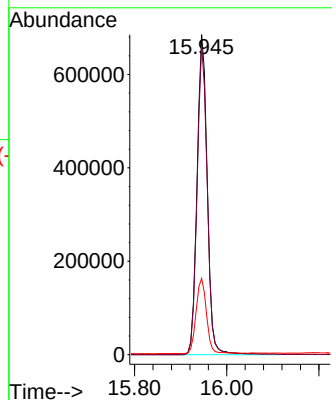
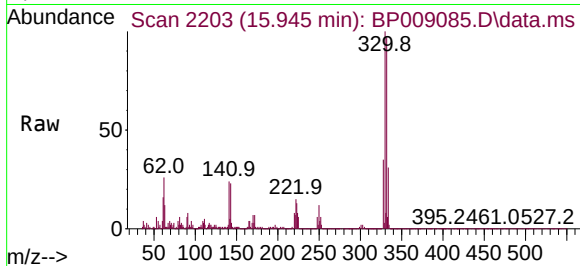




#42
2,4,6-Tribromophenol
Concen: 116.587 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

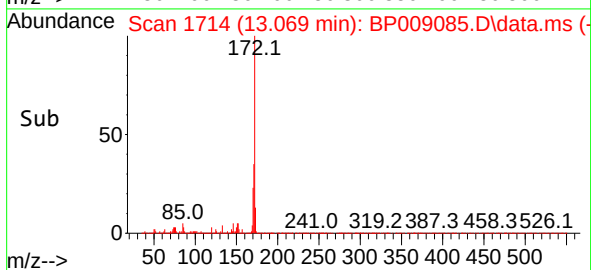
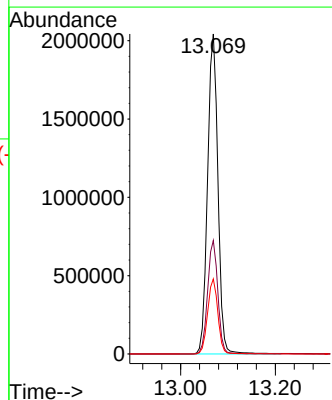
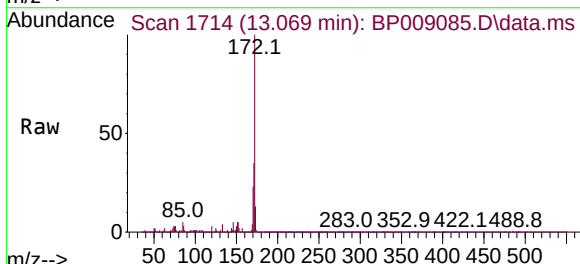
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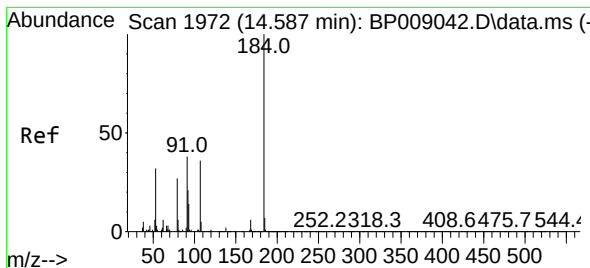
Tgt Ion:330 Resp: 1053296
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 23.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 64.048 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:172 Resp: 3095775
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.5 19.5 29.3

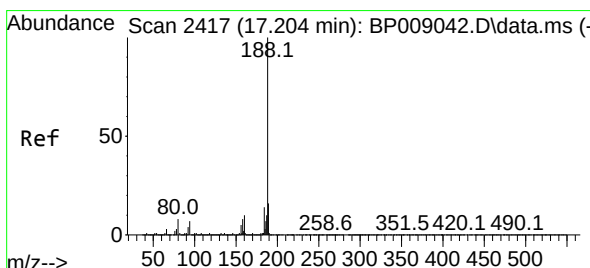
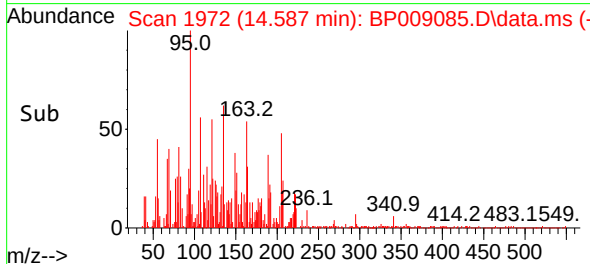
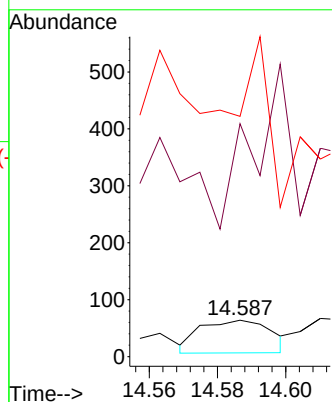
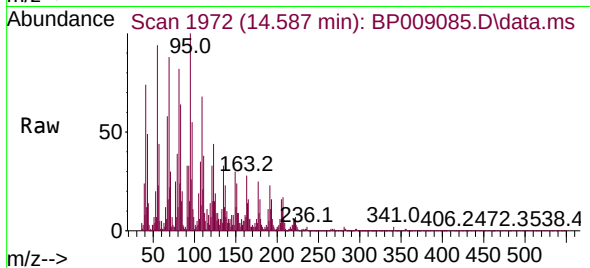




#54
2,4-Dinitrophenol
Concen: 2.186 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

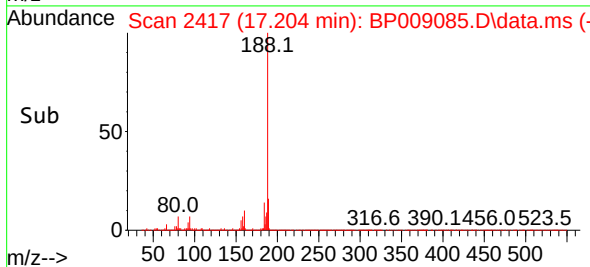
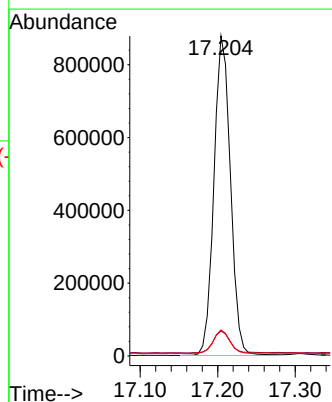
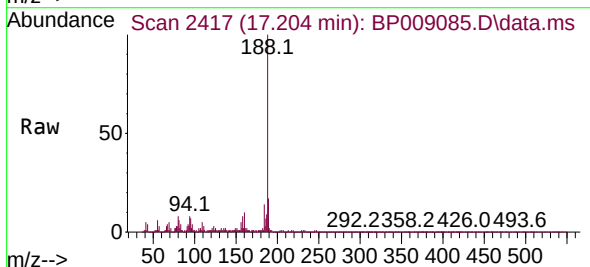
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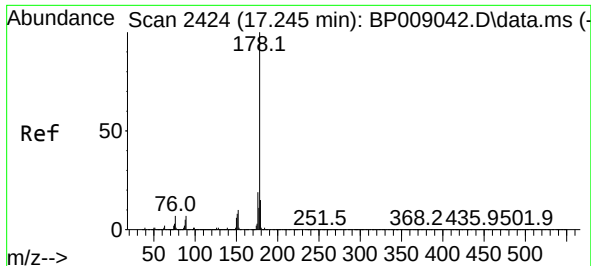
Tgt Ion:184 Resp: 83
Ion Ratio Lower Upper
184 100
63 639.1 35.6 53.4#
154 659.4 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:188 Resp: 1298921
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.2 10.8

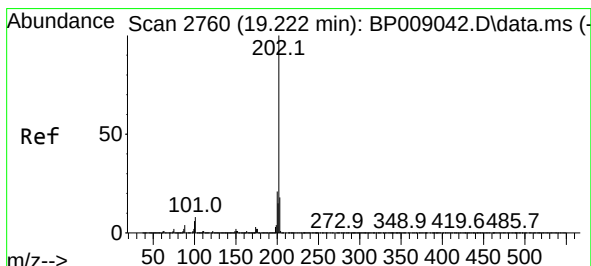
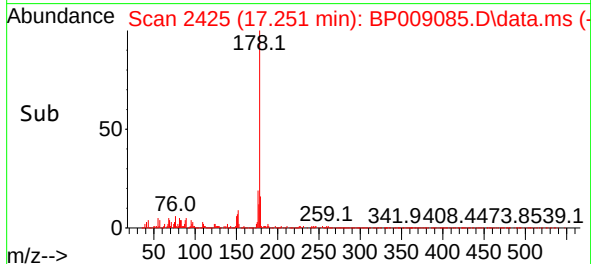
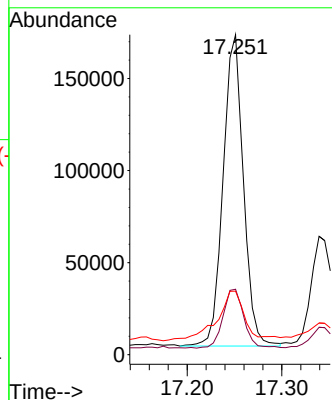
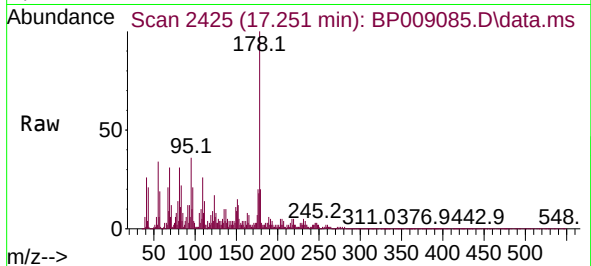




#71
Phenanthrene
Concen: 3.579 ng
RT: 17.251 min Scan# 2424
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

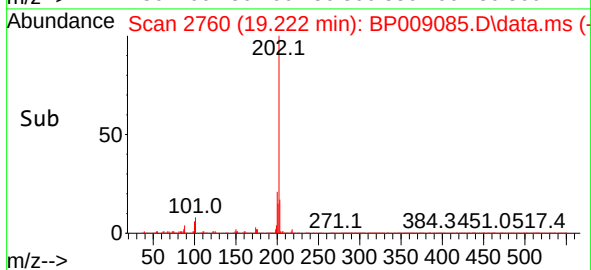
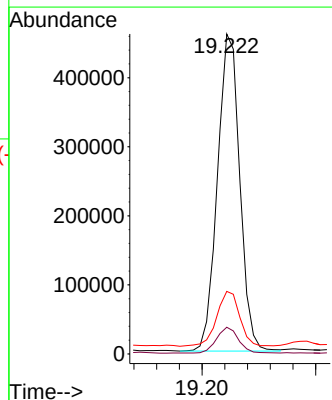
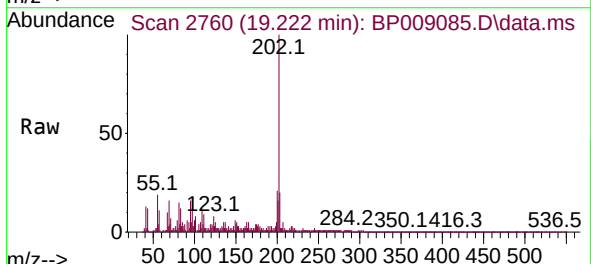
Instrument :
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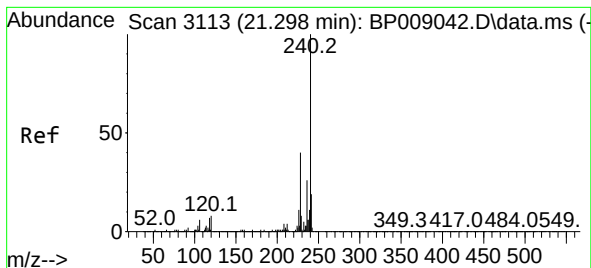
Tgt Ion:178 Resp: 251694
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 19.9 13.0 19.4#



#75
Fluoranthene
Concen: 7.955 ng
RT: 19.222 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:202 Resp: 627083
Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 19.6 0.0 38.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3114

Delta R.T. 0.006 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Instrument :

BNA_P

ClientSampleId :

27116

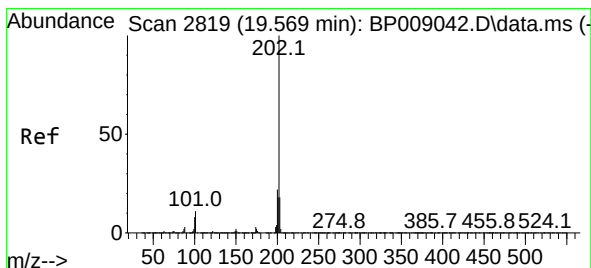
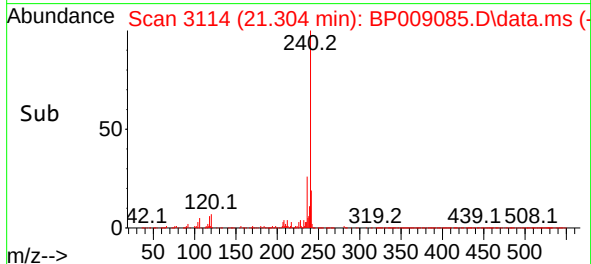
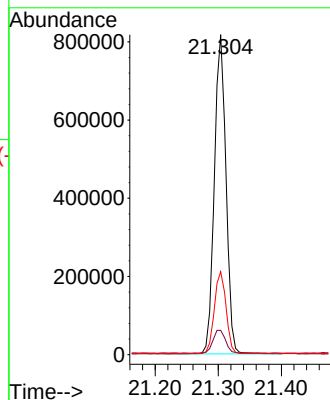
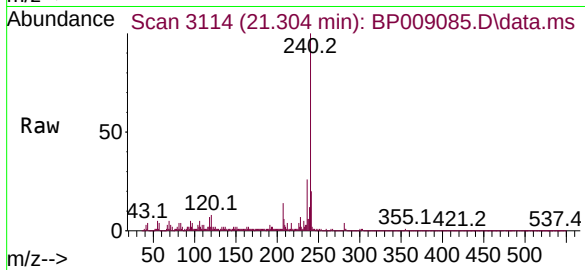
Tgt Ion:240 Resp: 1044258

Ion Ratio Lower Upper

240 100

120 7.6 7.7 11.5#

236 25.9 21.2 31.8



#78

Pyrene

Concen: 8.196 ng

RT: 19.575 min Scan# 2820

Delta R.T. 0.006 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

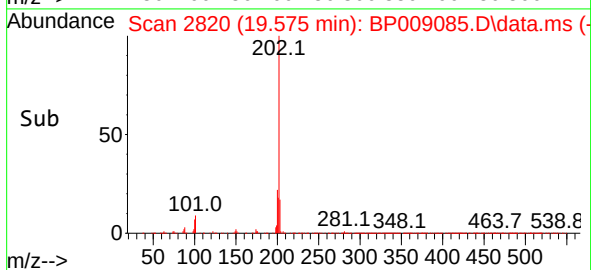
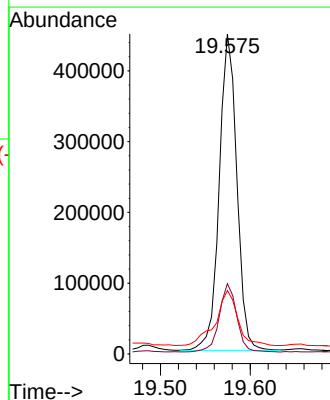
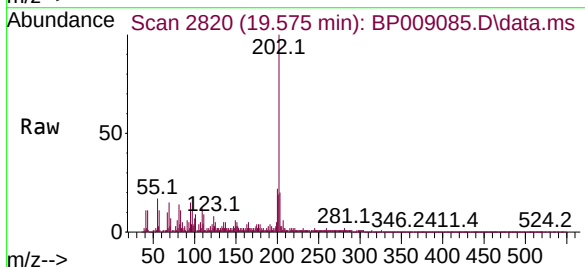
Tgt Ion:202 Resp: 608801

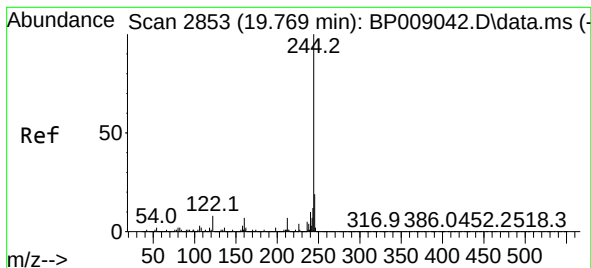
Ion Ratio Lower Upper

202 100

200 22.0 18.0 27.0

203 19.8 15.0 22.6





#79

Terphenyl-d14

Concen: 66.834 ng

RT: 19.775 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Instrument :

BNA_P

ClientSampleId :

27116

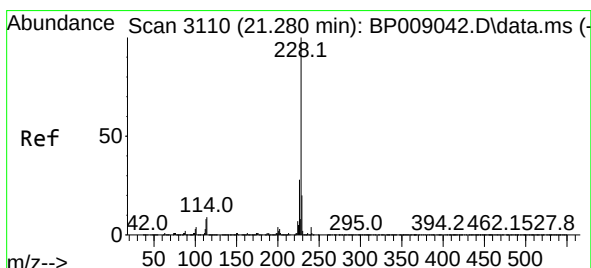
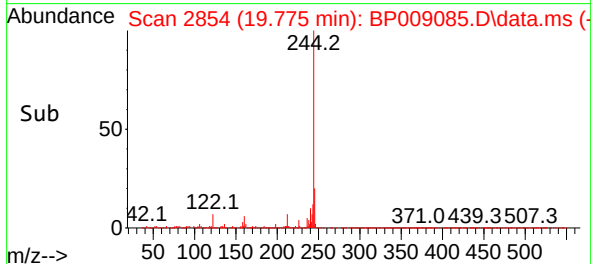
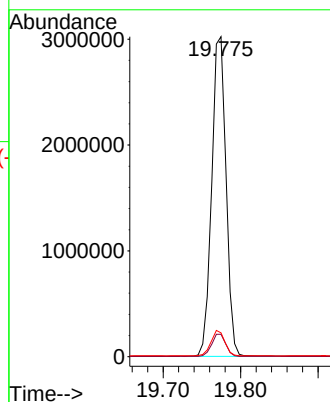
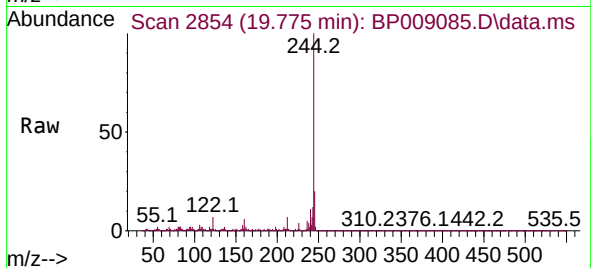
Tgt Ion:244 Resp: 3880926

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 7.5 9.2 13.8#



#81

Benzo(a)anthracene

Concen: 5.136 ng

RT: 21.286 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

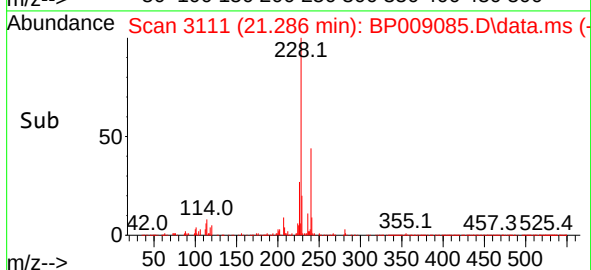
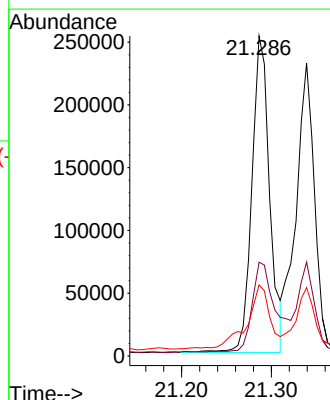
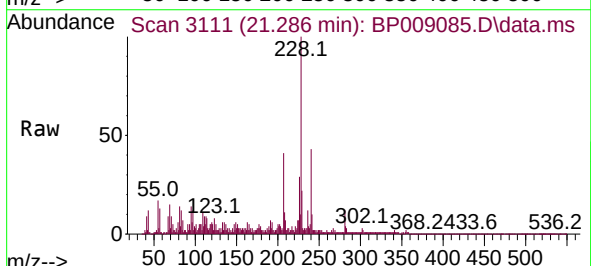
Tgt Ion:228 Resp: 345616

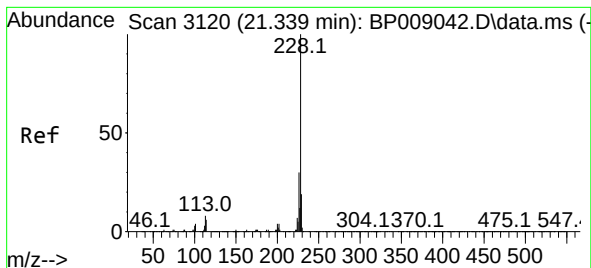
Ion Ratio Lower Upper

228 100

226 29.3 23.3 34.9

229 22.2 17.0 25.6





#83

Chrysene

Concen: 5.109 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.000 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Instrument :

BNA_P

ClientSampleId :

27116

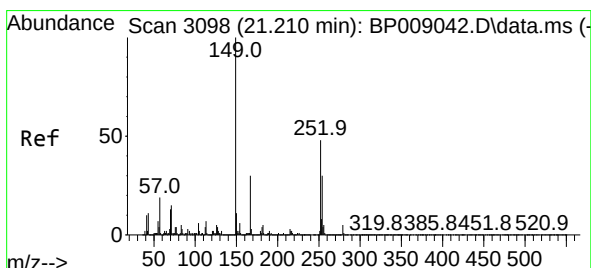
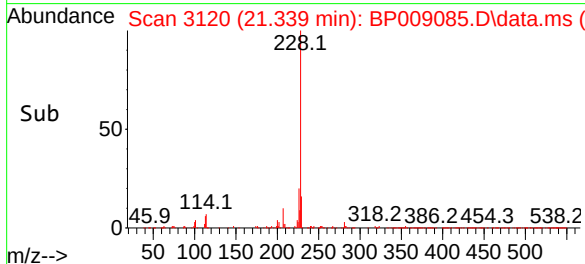
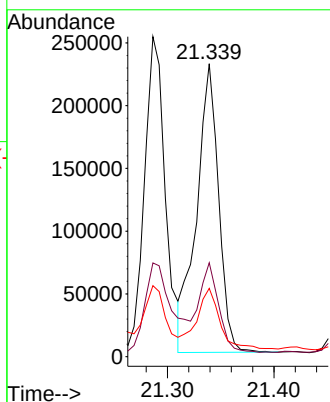
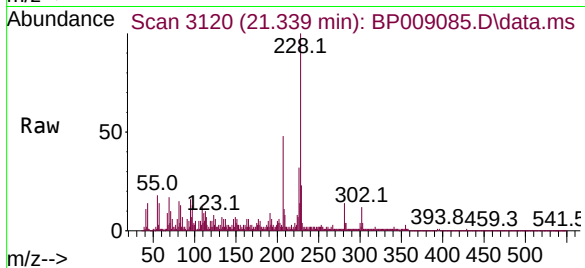
Tgt Ion:228 Resp: 331447

Ion Ratio Lower Upper

228 100

226 32.0 26.0 39.0

229 23.3 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.993 ng

RT: 21.210 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

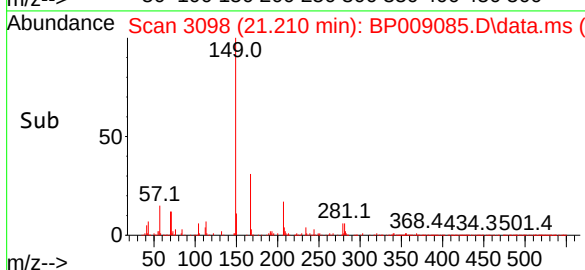
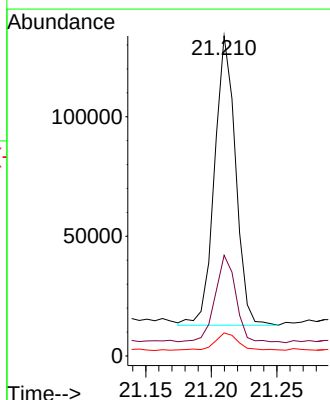
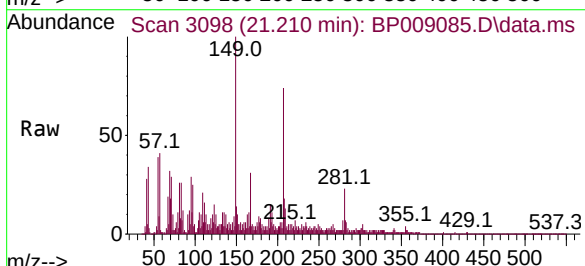
Tgt Ion:149 Resp: 134903

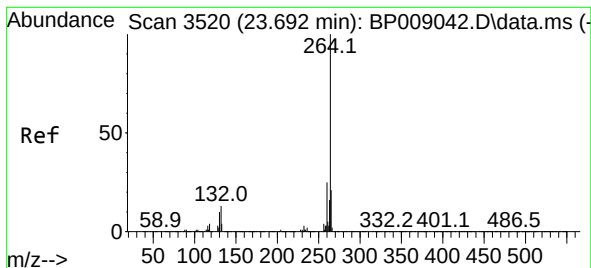
Ion Ratio Lower Upper

149 100

167 31.5 25.0 37.4

279 7.2 4.8 7.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Instrument :

BNA_P

ClientSampleId :

27116

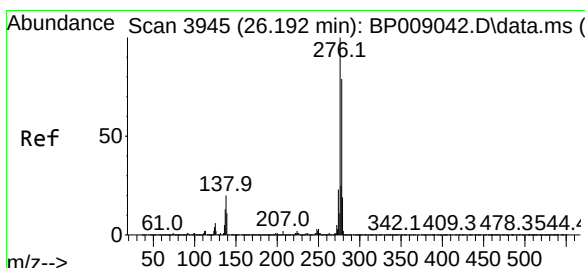
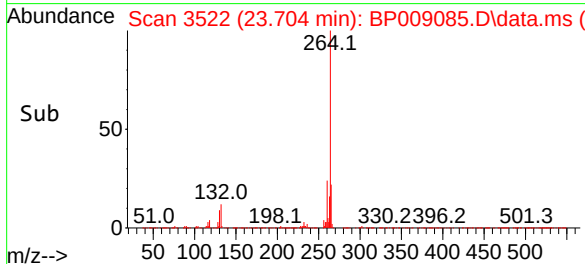
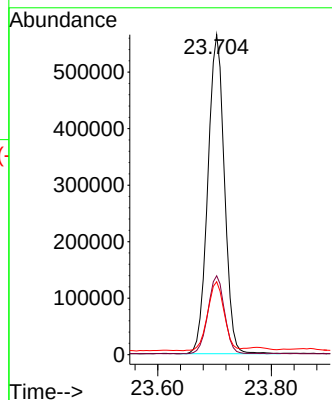
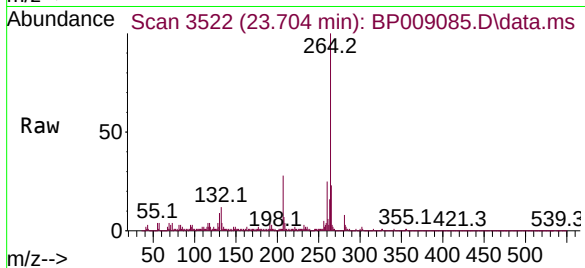
Tgt Ion:264 Resp: 1136376

Ion Ratio Lower Upper

264 100

260 24.6 19.1 28.7

265 22.8 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.337 ng

RT: 26.204 min Scan# 3947

Delta R.T. 0.012 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

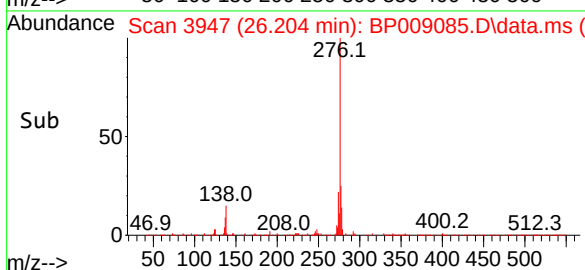
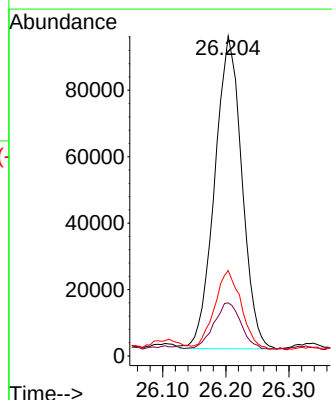
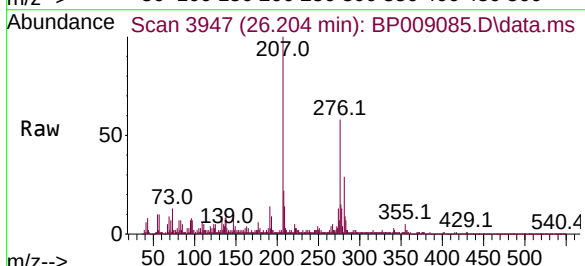
Tgt Ion:276 Resp: 281777

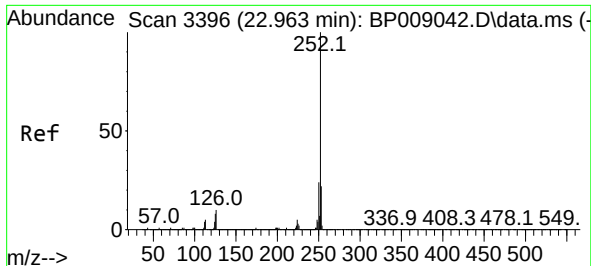
Ion Ratio Lower Upper

276 100

138 14.8 17.8 26.6#

277 24.6 20.4 30.6

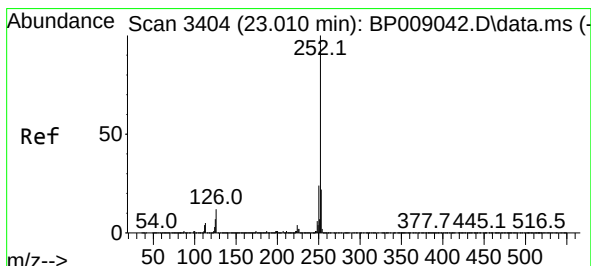
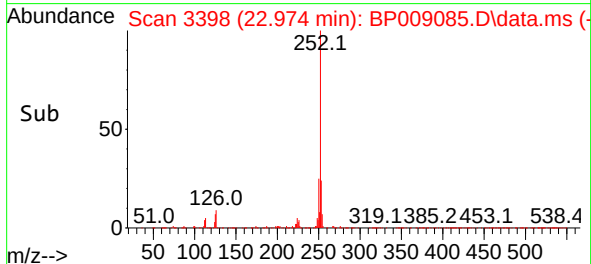
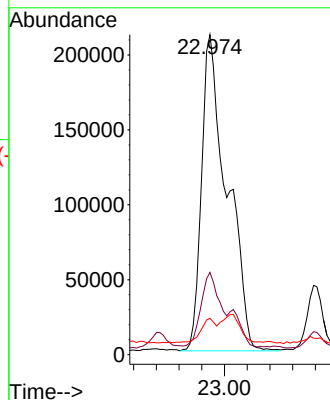
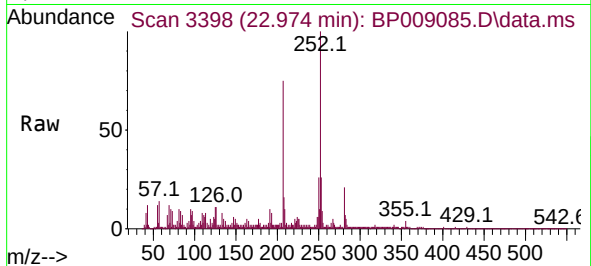




#88
Benzo(b)fluoranthene
Concen: 9.380 ng
RT: 22.974 min Scan# 3398
Delta R.T. 0.012 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

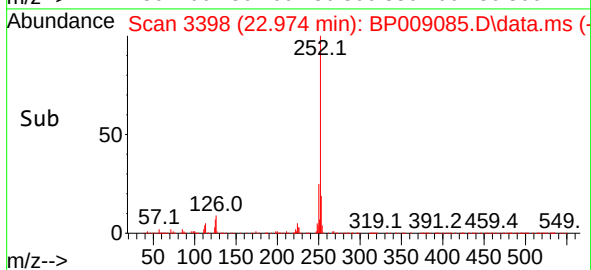
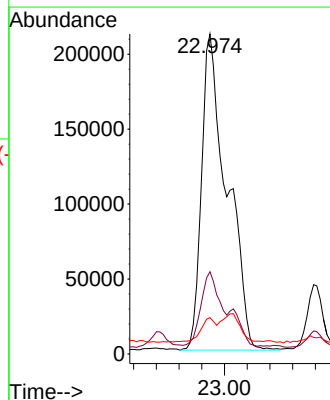
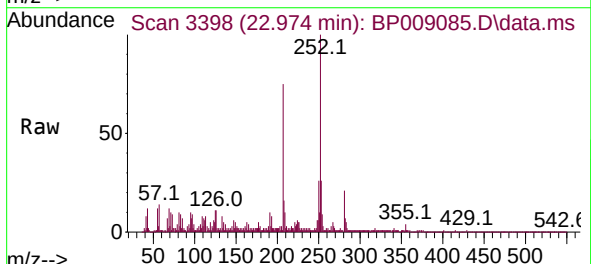
Instrument :
BNA_P
ClientSampleId :
27116

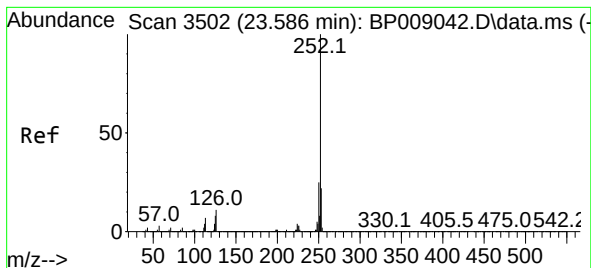
Tgt Ion:252 Resp: 656210
Ion Ratio Lower Upper
252 100
253 25.7 18.0 27.0
125 11.4 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 9.402 ng
RT: 22.974 min Scan# 3398
Delta R.T. -0.035 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Tgt Ion:252 Resp: 656210
Ion Ratio Lower Upper
252 100
253 25.7 18.2 27.2
125 11.4 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 6.141 ng

RT: 23.598 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Instrument :

BNA_P

ClientSampleId :

27116

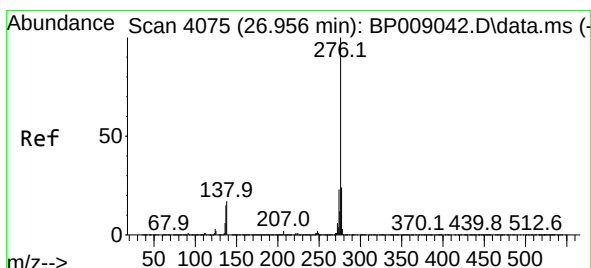
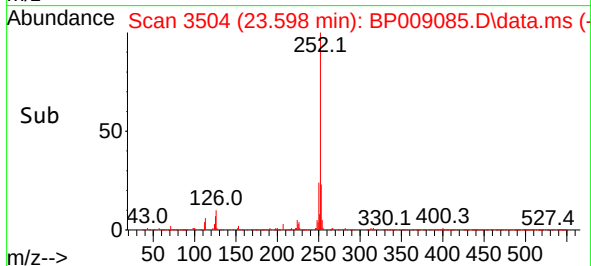
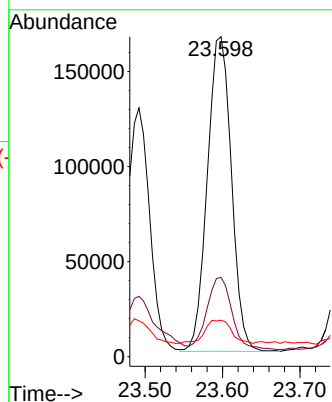
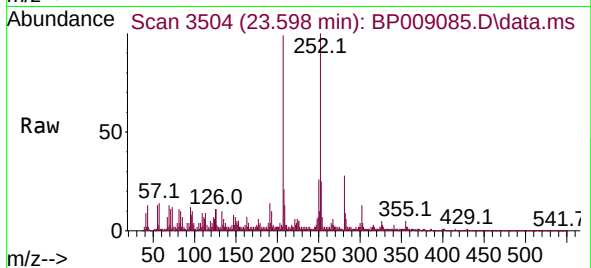
Tgt Ion:252 Resp: 358163

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.8

125 11.4 7.8 11.6



#92

Benzo(g,h,i)perylene

Concen: 4.165 ng

RT: 26.974 min Scan# 4078

Delta R.T. 0.018 min

Lab File: BP009085.D

Acq: 09 Feb 2022 19:10

Tgt Ion:276 Resp: 287770

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 17.5 15.0 22.4

