

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021022\
 Data File : BP009103.D
 Acq On : 10 Feb 2022 17:15
 Operator : CG/JU
 Sample : N1469-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B-1

Quant Time: Feb 10 18:01:03 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)

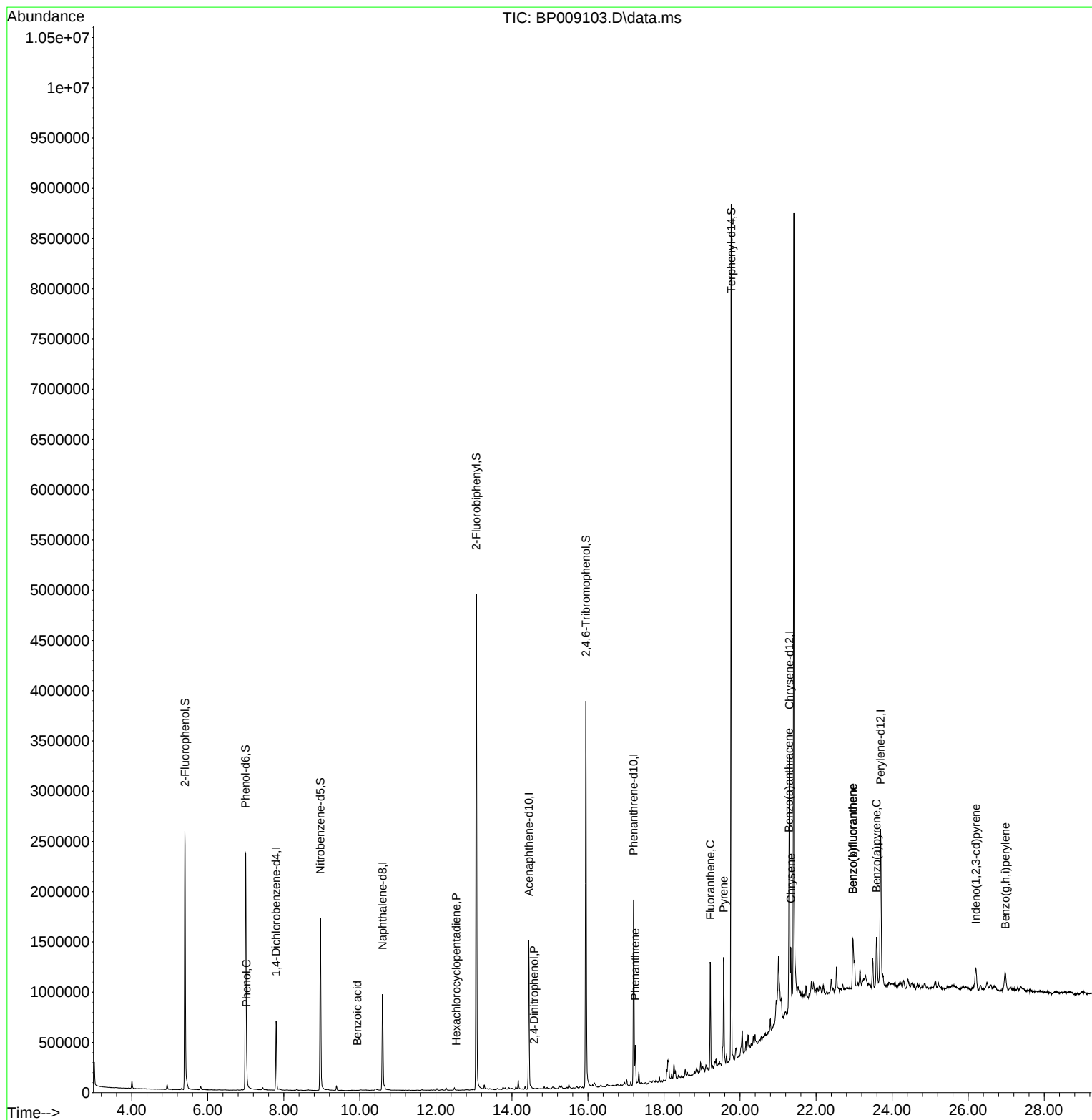
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	214587	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	884503	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	586267	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1226772	20.000	ng	0.00
76) Chrysene-d12	21.298	240	1128544	20.000	ng	0.00
86) Perylene-d12	23.698	264	1237015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1328947	110.472	ng	0.00
7) Phenol-d6	6.993	99	1675558	105.706	ng	0.00
23) Nitrobenzene-d5	8.963	82	1068313	68.113	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	966856	123.517	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2984510	71.264	ng	0.00
79) Terphenyl-d14	19.769	244	4298387	68.495	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.022	94	39386	2.471	ng	# 60
32) Benzoic acid	9.934	122	137	2.706	ng	# 1
41) Hexachlorocyclopentadiene	12.534	237	19	8.658	ng	94
54) 2,4-Dinitrophenol	14.587	184	13	2.170	ng	# 1
71) Phenanthrene	17.245	178	248888	3.747	ng	98
75) Fluoranthene	19.222	202	680952	9.147	ng	95
78) Pyrene	19.569	202	694481	8.651	ng	98
81) Benzo(a)anthracene	21.286	228	422811	5.814	ng	99
83) Chrysene	21.339	228	344035	4.907	ng	98
87) Indeno(1,2,3-cd)pyrene	26.204	276	253701	2.760	ng	# 93
88) Benzo(b)fluoranthene	22.968	252	508801	6.681	ng	96
89) Benzo(k)fluoranthene	22.968	252	508801	6.697	ng	97
90) Benzo(a)pyrene	23.592	252	374024	5.891	ng	98
92) Benzo(g,h,i)perylene	26.980	276	257456	3.423	ng	93

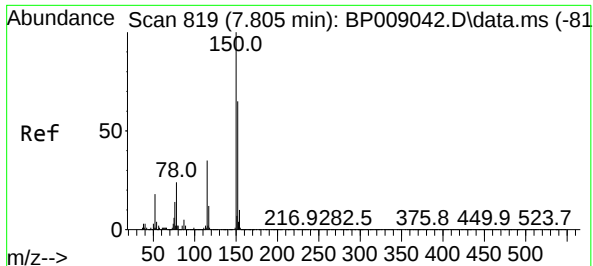
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration

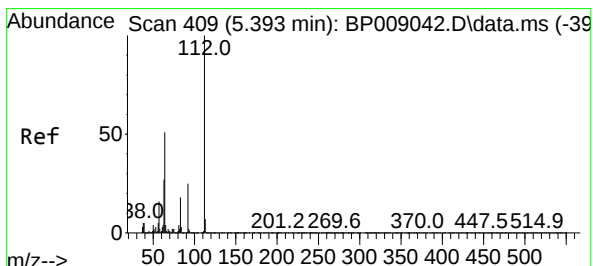
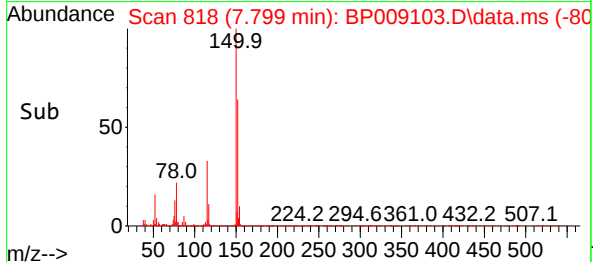
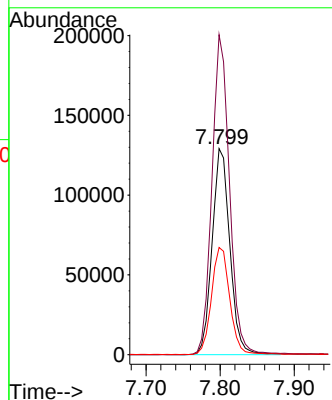
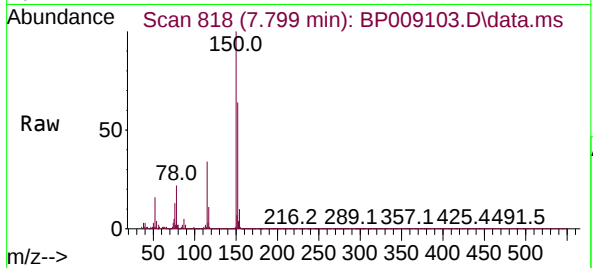




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.799 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

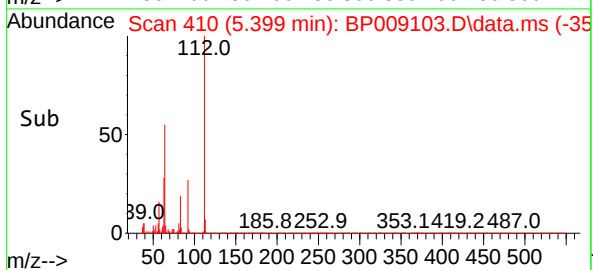
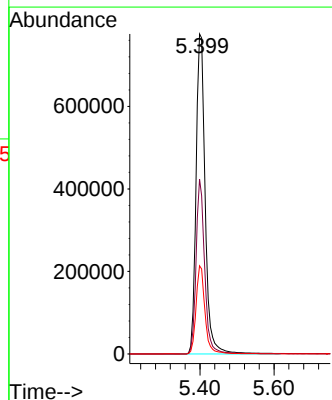
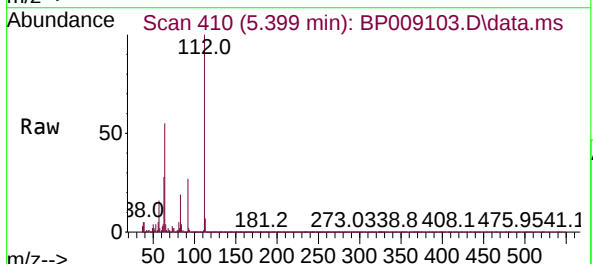
Instrument :
BNA_P
ClientSampleId :
B-1

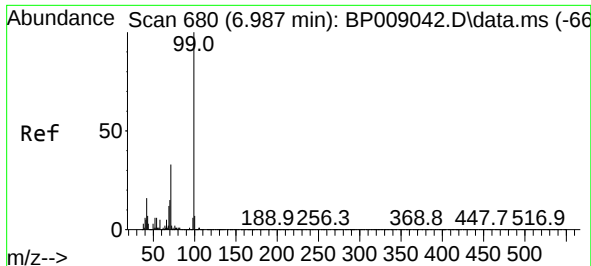
Tgt Ion:152 Resp: 214587
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 52.1 43.7 65.5



#5
2-Fluorophenol
Concen: 110.472 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:112 Resp: 1328947
Ion Ratio Lower Upper
112 100
64 54.6 39.7 59.5
63 27.6 20.0 30.0

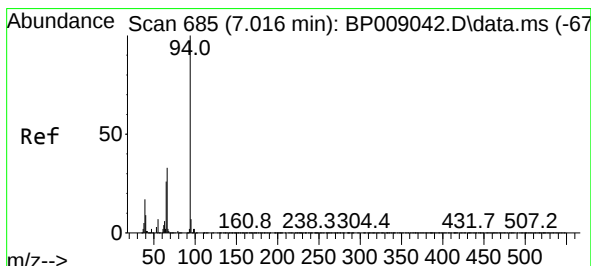
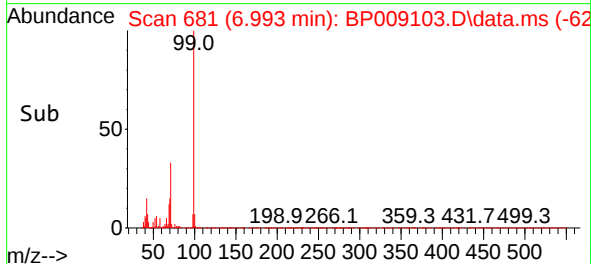
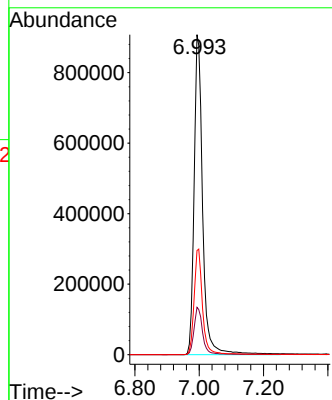
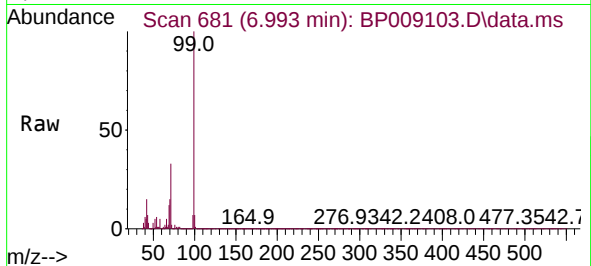




#7
Phenol-d6
Concen: 105.706 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

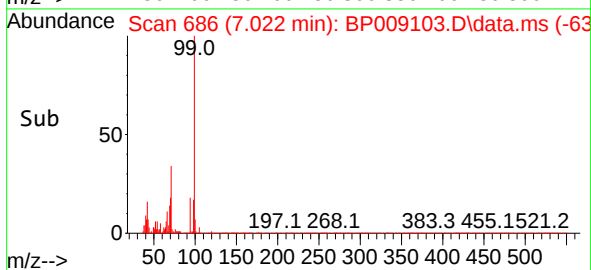
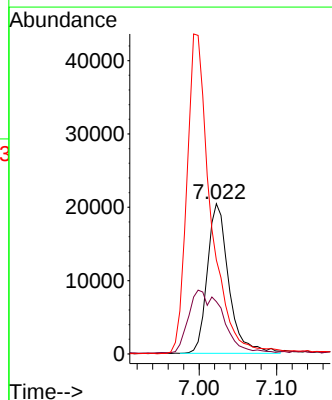
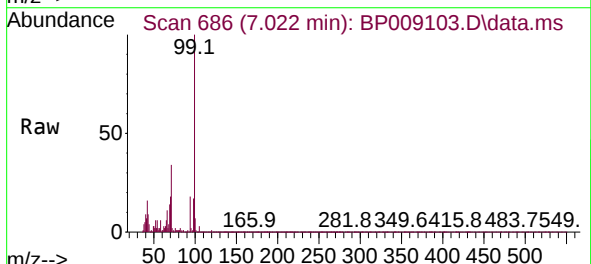
Instrument :
BNA_P
ClientSampleId :
B-1

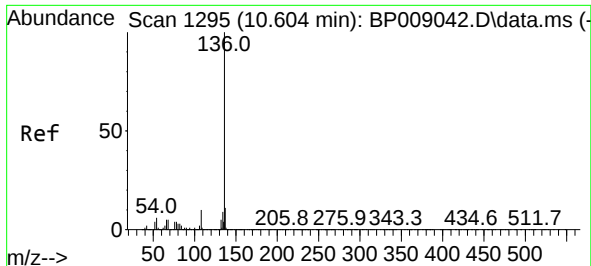
Tgt Ion: 99 Resp: 1675558
Ion Ratio Lower Upper
99 100
42 14.8 10.8 16.2
71 32.5 23.8 35.6



#10
Phenol
Concen: 2.471 ng
RT: 7.022 min Scan# 686
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion: 94 Resp: 39386
Ion Ratio Lower Upper
94 100
65 34.9 4.1 44.1
66 62.5 12.4 52.4#

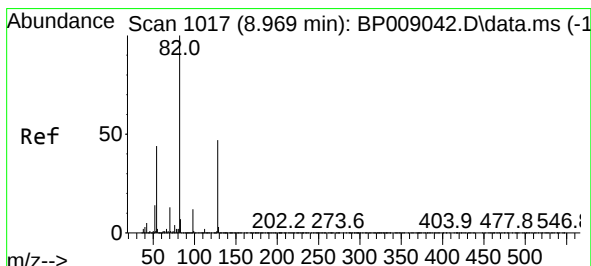
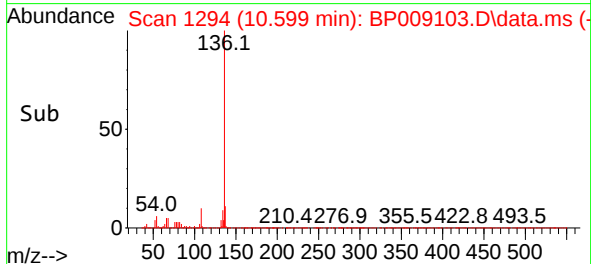
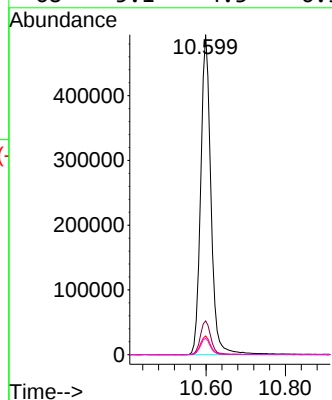
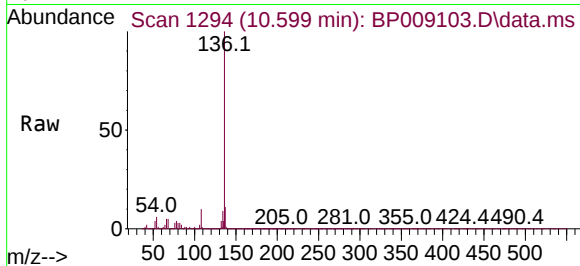




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

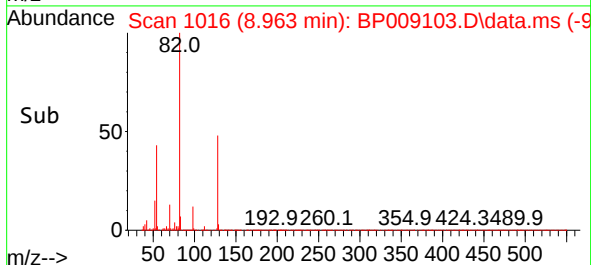
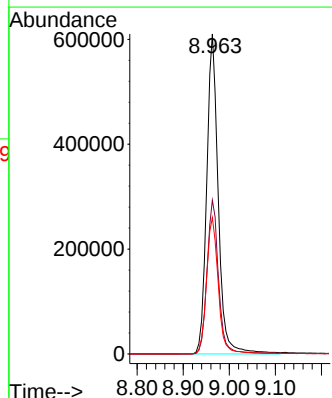
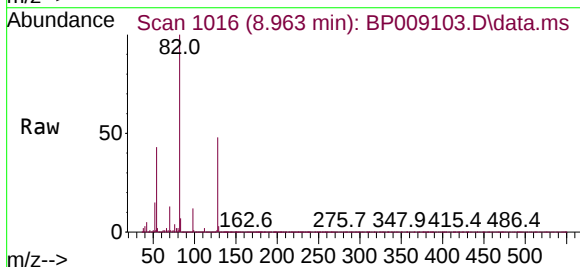
Instrument :
BNA_P
ClientSampleId :
B-1

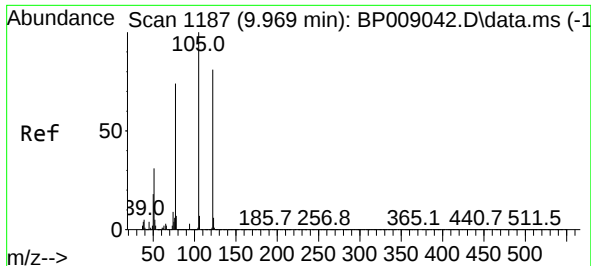
Tgt Ion:	136	Resp:	884503
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	5.8	4.9	7.3
68	5.1	4.3	6.5



#23
Nitrobenzene-d5
Concen: 68.113 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:	82	Resp:	1068313
Ion	Ratio	Lower	Upper
82	100		
128	48.1	39.4	59.2
54	42.6	32.6	48.8

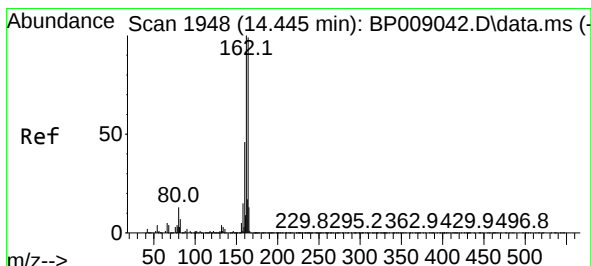
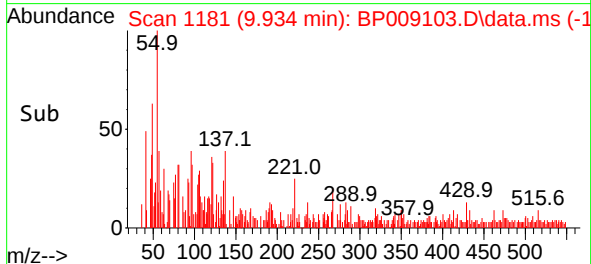
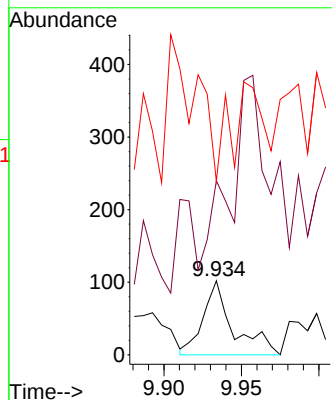
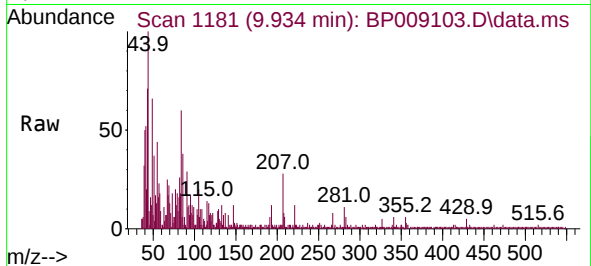




#32
Benzoic acid
Concen: 2.706 ng
RT: 9.934 min Scan# 1187
Delta R.T. -0.035 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

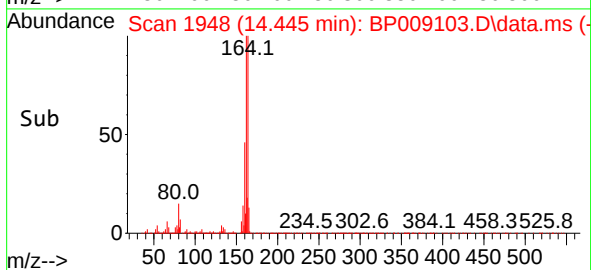
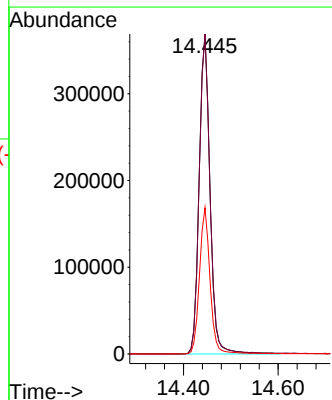
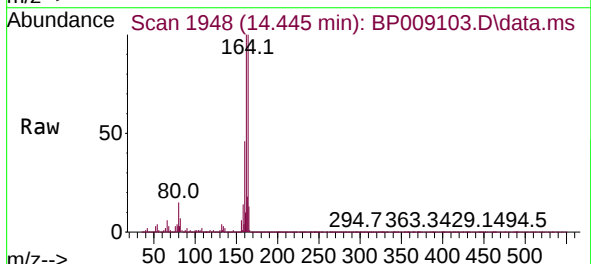
Instrument :
BNA_P
ClientSampleId :
B-1

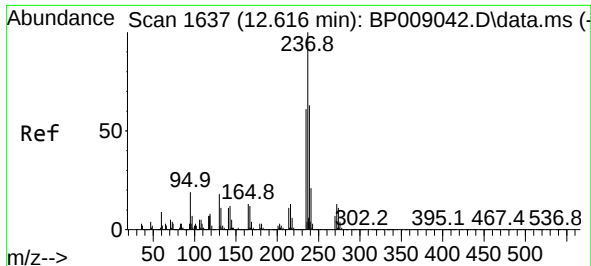
Tgt Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 235.3 100.1 140.1#
77 234.3 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:164 Resp: 586267
Ion Ratio Lower Upper
164 100
162 100.1 79.9 119.9
160 45.8 35.5 53.3

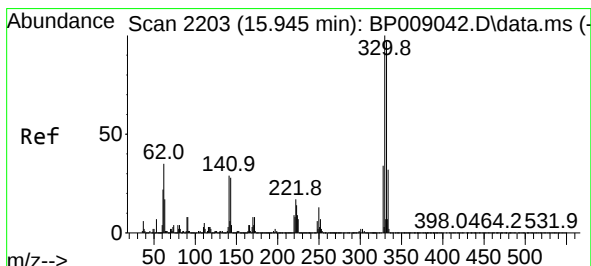
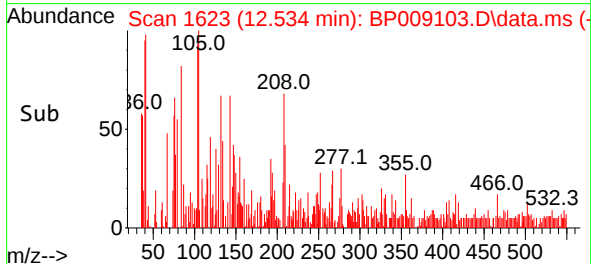
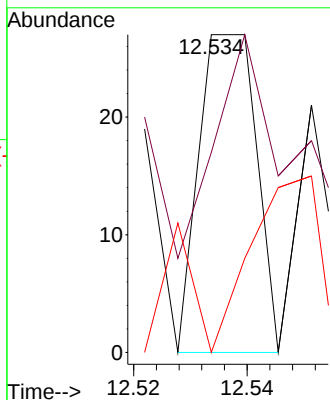
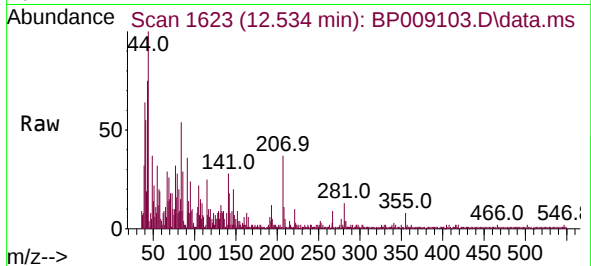




#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.534 min Scan# 1
Delta R.T. -0.082 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

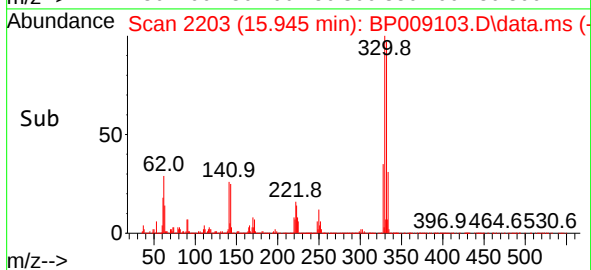
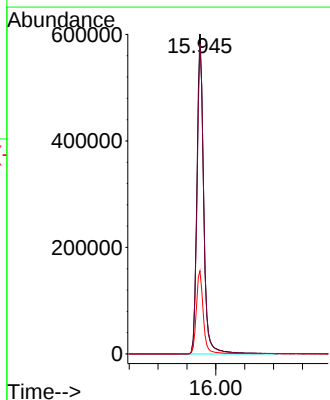
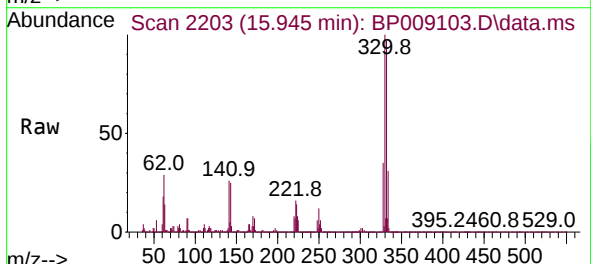
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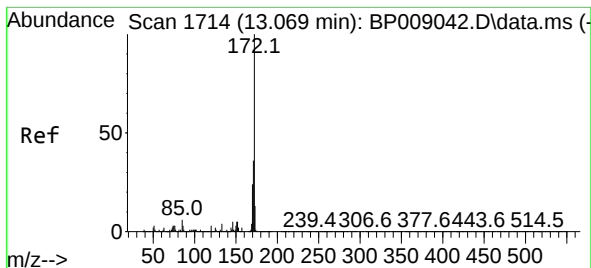
Tgt Ion:237	Resp:	19
Ion Ratio	Lower	Upper
237	100	
235	63.0	42.9 82.9
272	0.0	0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 123.517 ng
RT: 15.945 min Scan# 2203
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:330	Resp:	966856
Ion Ratio	Lower	Upper
330	100	
332	96.8	77.0 115.4
141	26.8	21.3 31.9

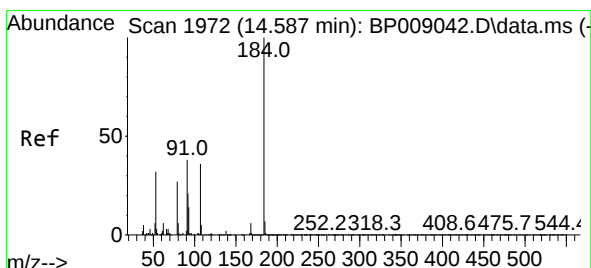
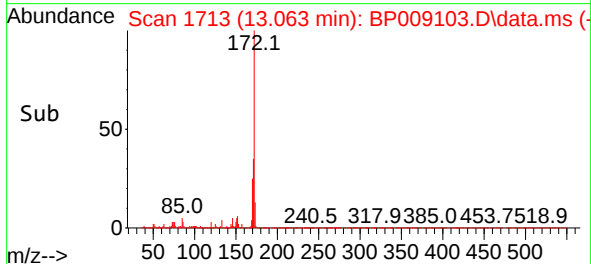
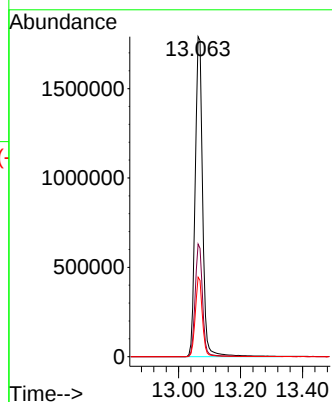
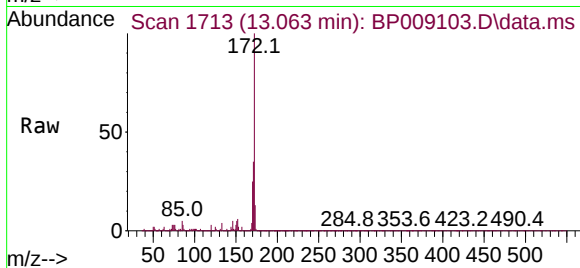




#45
2-Fluorobiphenyl
Concen: 71.264 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

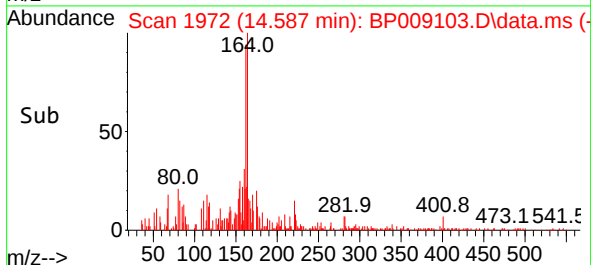
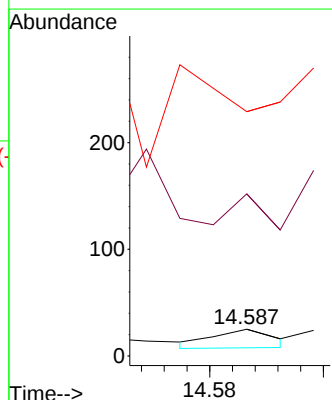
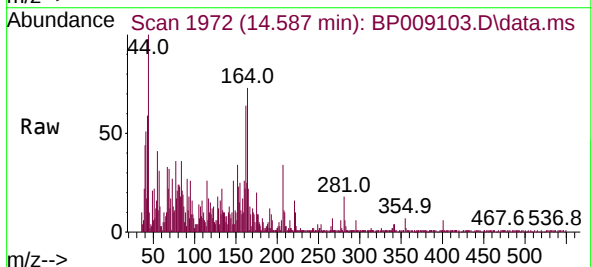
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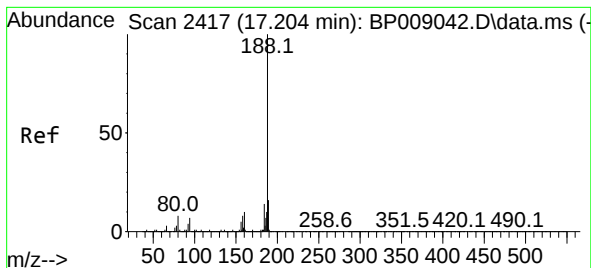
Tgt Ion:172 Resp: 2984510
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 24.8 19.5 29.3



#54
2,4-Dinitrophenol
Concen: 2.170 ng
RT: 14.587 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 608.0 35.6 53.4#
154 916.0 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: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

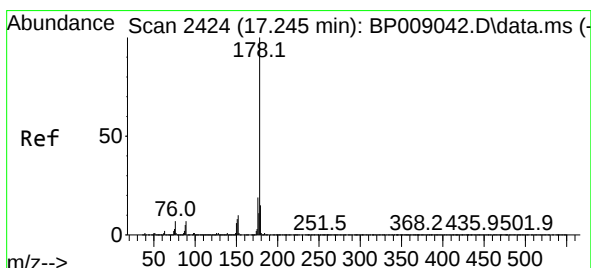
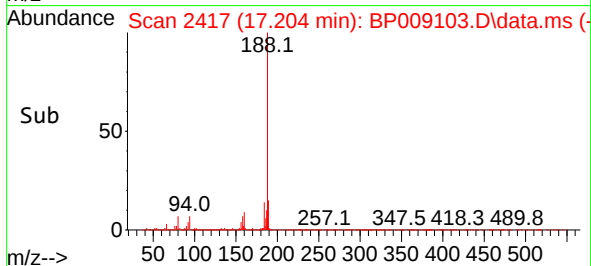
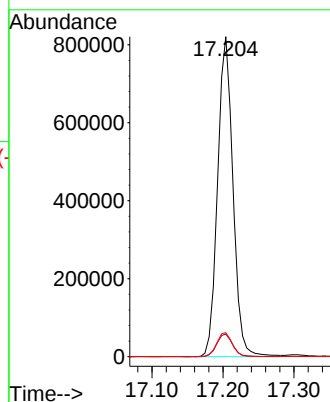
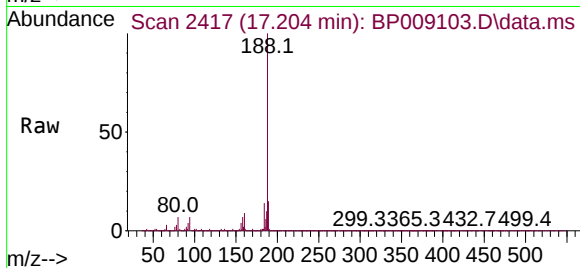
Tgt Ion:188 Resp: 1226772

Ion Ratio Lower Upper

188 100

94 7.1 6.8 10.2

80 7.5 7.2 10.8



#71

Phenanthrene

Concen: 3.747 ng

RT: 17.245 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

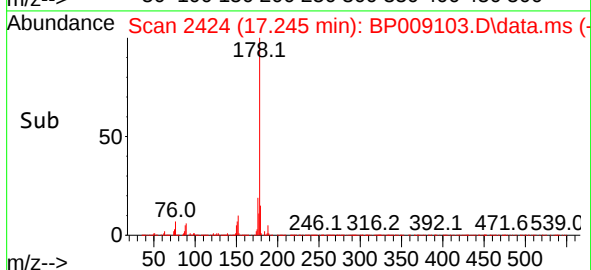
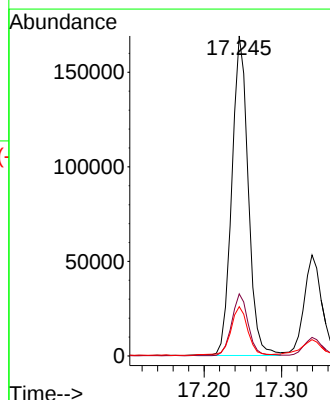
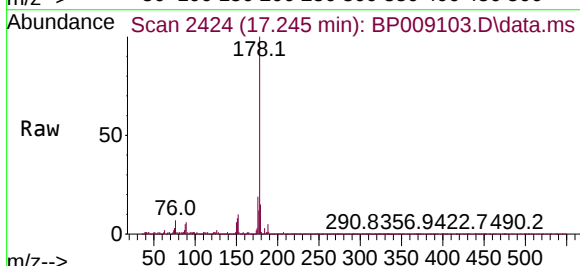
Tgt Ion:178 Resp: 248888

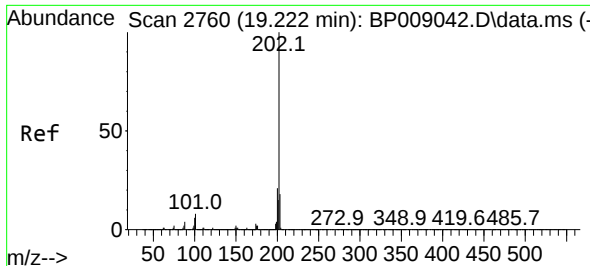
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.4 13.0 19.4

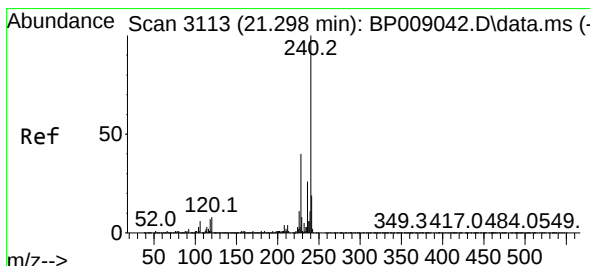
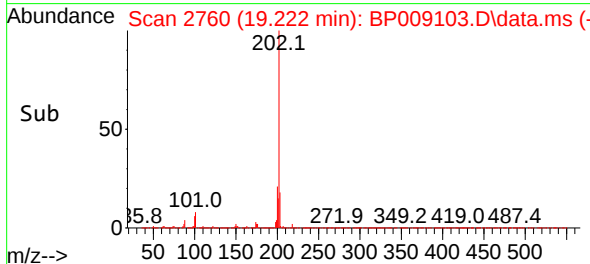
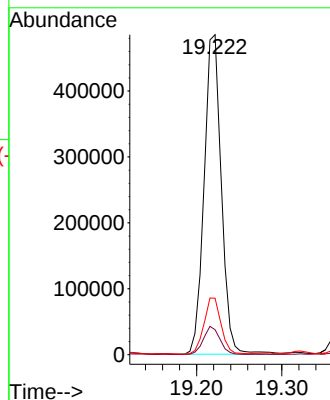
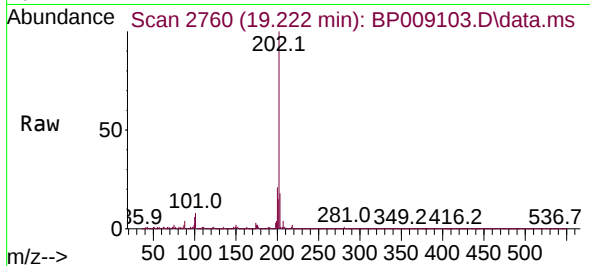




#75
Fluoranthene
Concen: 9.147 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

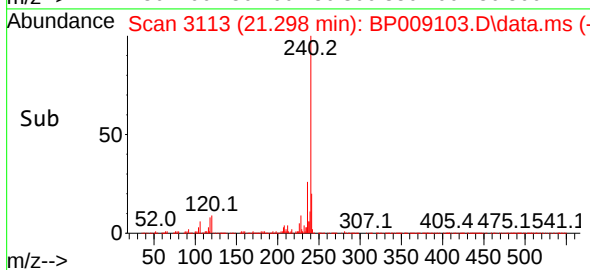
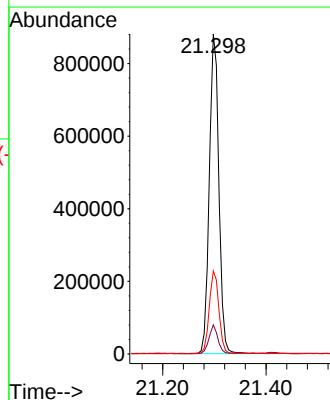
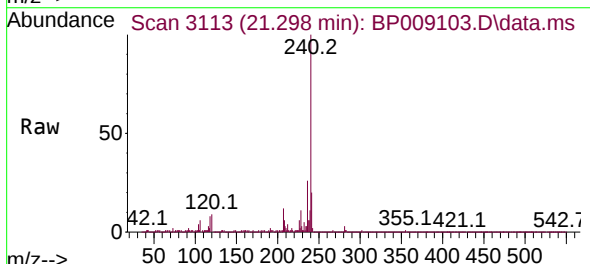
Instrument :
BNA_P
ClientSampleId :
B-1

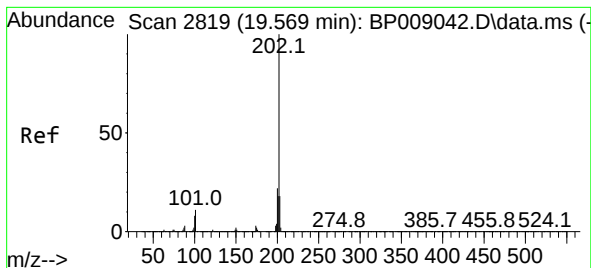
Tgt Ion:202 Resp: 680952
Ion Ratio Lower Upper
202 100
101 7.8 0.0 30.7
203 17.7 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:240 Resp: 1128544
Ion Ratio Lower Upper
240 100
120 9.1 7.7 11.5
236 26.0 21.2 31.8





#78

Pyrene

Concen: 8.651 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

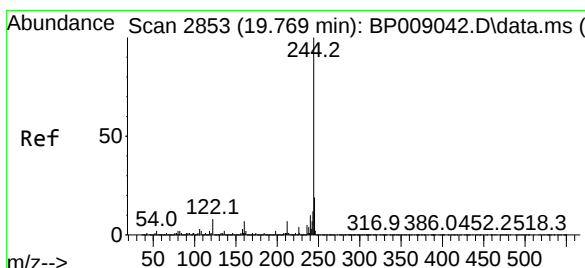
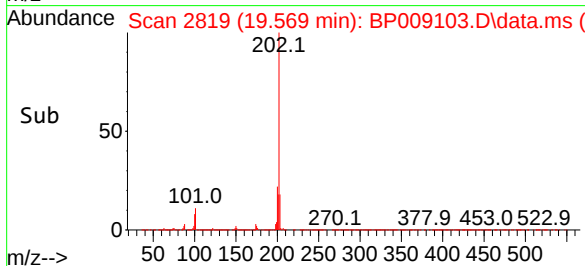
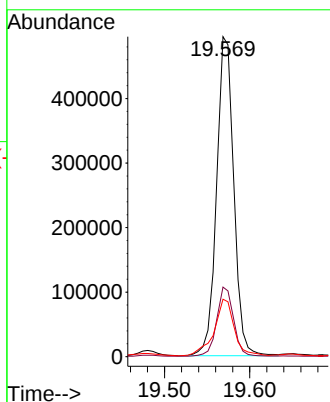
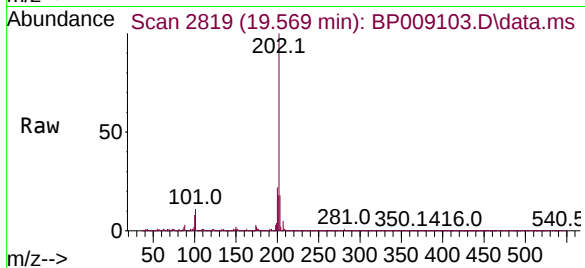
Tgt Ion:202 Resp: 694481

Ion Ratio Lower Upper

202 100

200 21.7 18.0 27.0

203 18.0 15.0 22.6



#79

Terphenyl-d14

Concen: 68.495 ng

RT: 19.769 min Scan# 2853

Delta R.T. -0.000 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

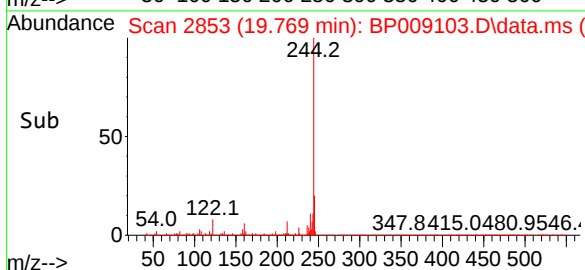
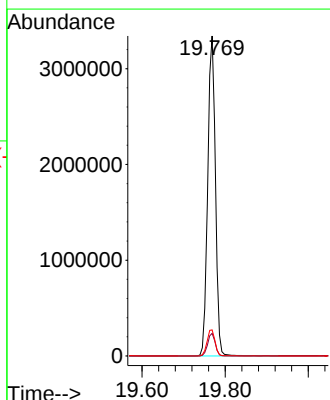
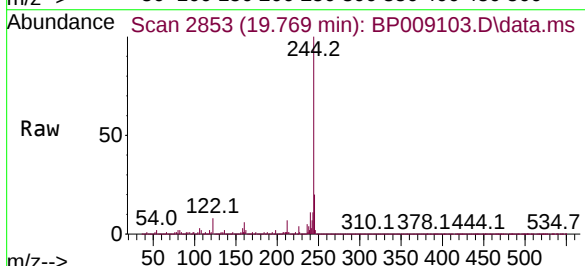
Tgt Ion:244 Resp: 4298387

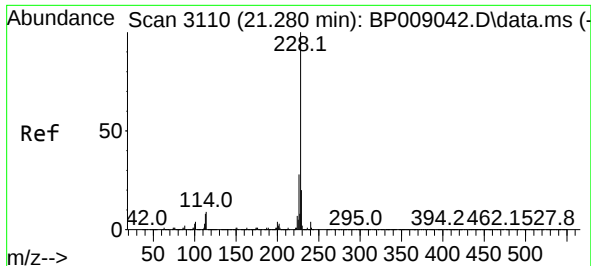
Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

122 8.2 9.2 13.8#

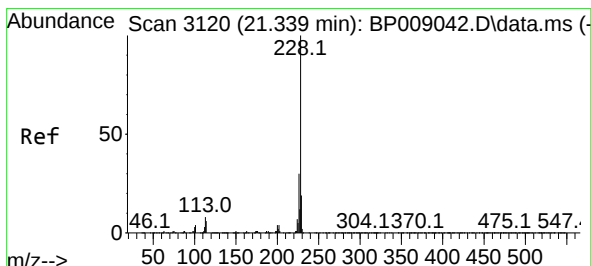
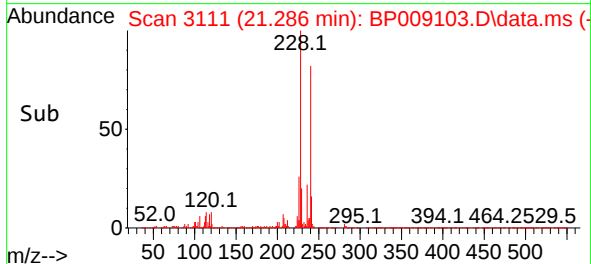
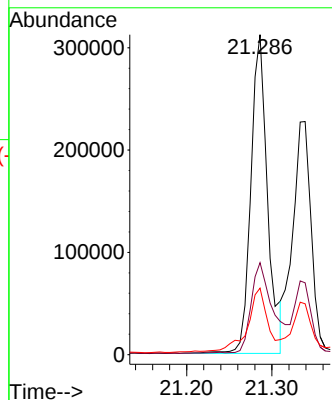
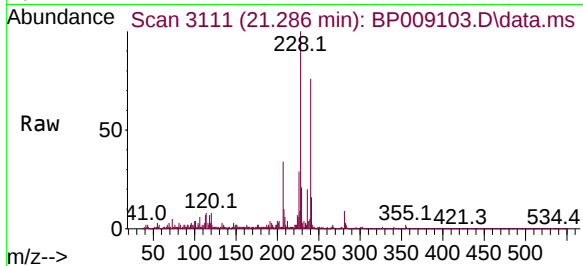




#81
Benzo(a)anthracene
Concen: 5.814 ng
RT: 21.286 min Scan# 3110
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

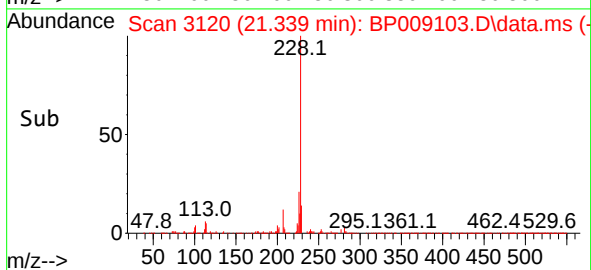
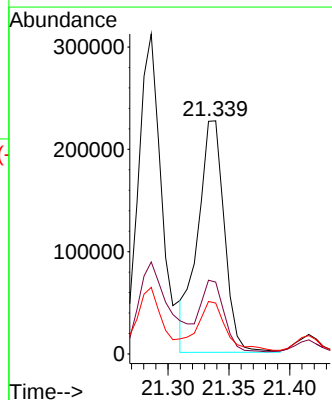
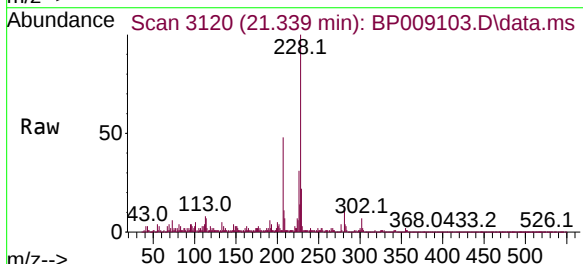
Instrument :
BNA_P
ClientSampleId :
B-1

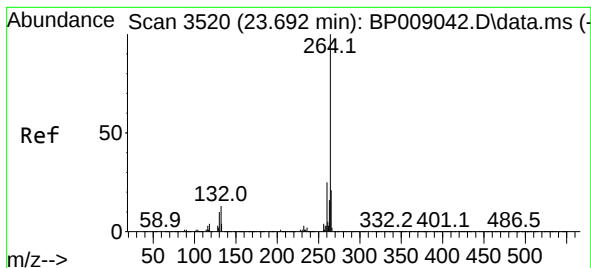
Tgt Ion:228 Resp: 422811
Ion Ratio Lower Upper
228 100
226 28.7 23.3 34.9
229 20.8 17.0 25.6



#83
Chrysene
Concen: 4.907 ng
RT: 21.339 min Scan# 3120
Delta R.T. -0.000 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:228 Resp: 344035
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 21.8 16.9 25.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.698 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

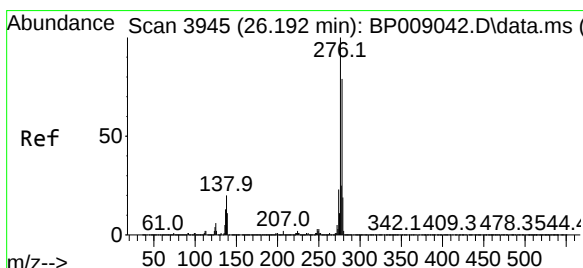
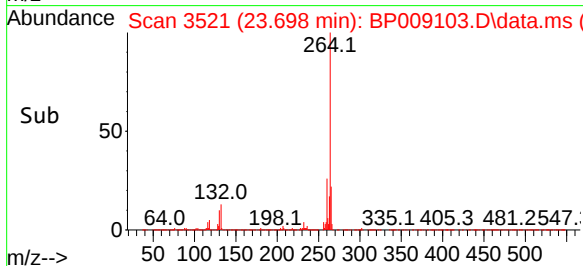
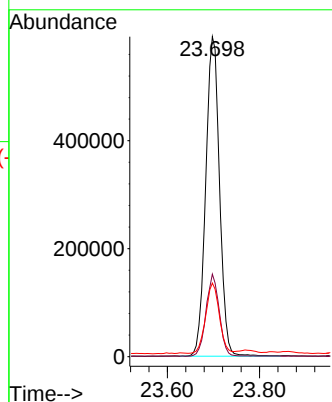
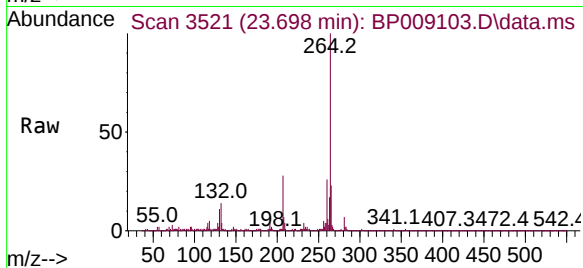
Tgt Ion:264 Resp: 1237015

Ion Ratio Lower Upper

264 100

260 25.8 19.1 28.7

265 23.0 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.760 ng

RT: 26.204 min Scan# 3947

Delta R.T. 0.012 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

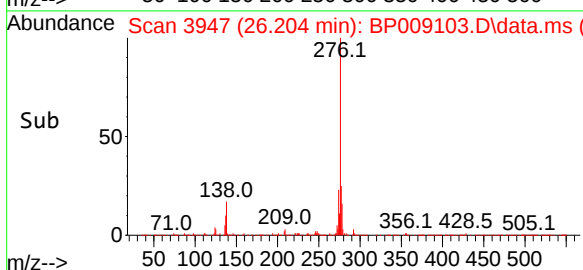
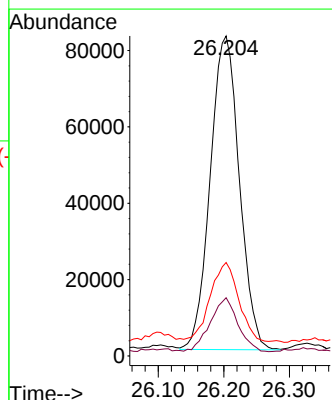
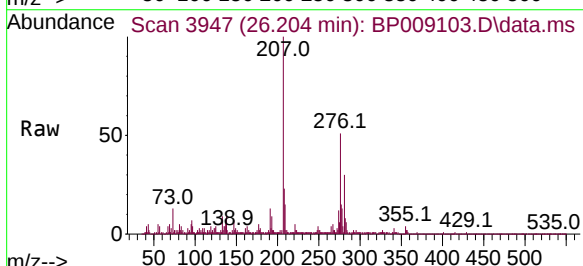
Tgt Ion:276 Resp: 253701

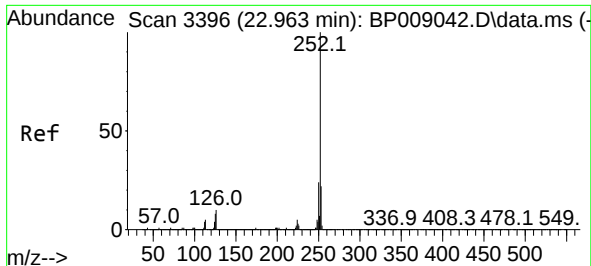
Ion Ratio Lower Upper

276 100

138 16.2 17.8 26.6#

277 24.5 20.4 30.6

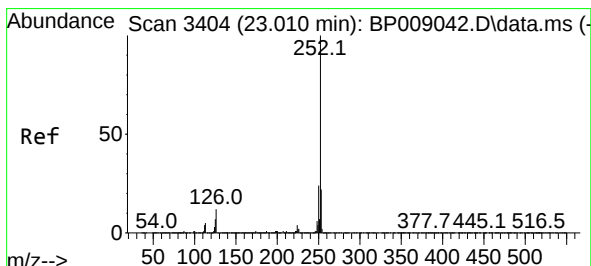
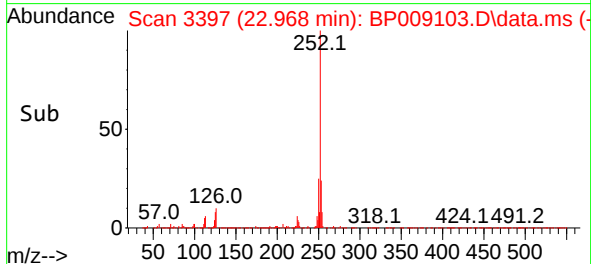
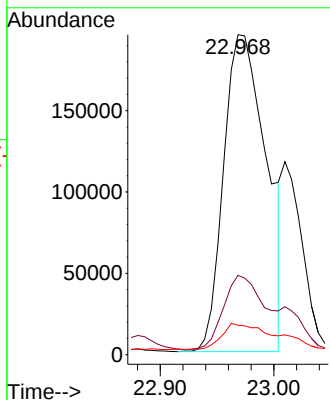
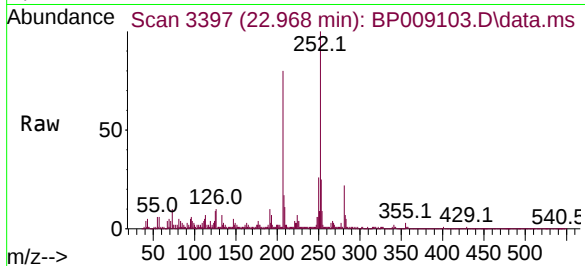




#88
Benzo(b)fluoranthene
Concen: 6.681 ng
RT: 22.968 min Scan# 3397
Delta R.T. 0.006 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

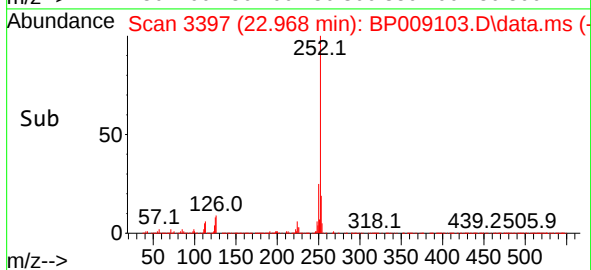
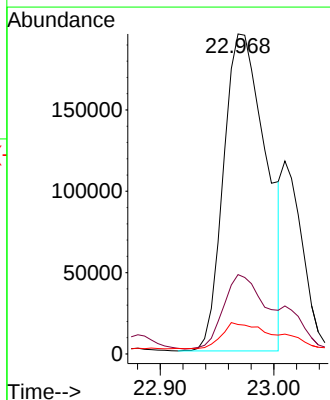
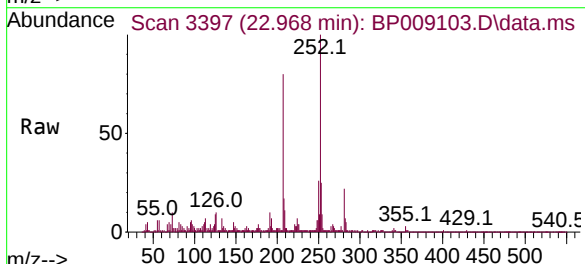
Instrument :
BNA_P
ClientSampleId :
B-1

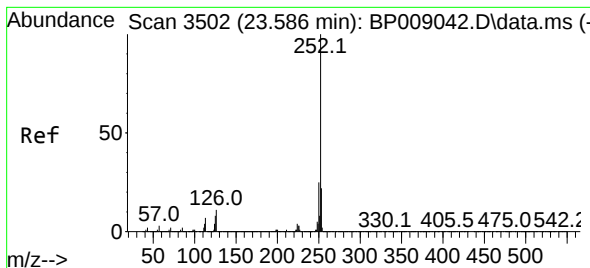
Tgt Ion:252 Resp: 508801
Ion Ratio Lower Upper
252 100
253 24.8 18.0 27.0
125 9.2 6.9 10.3



#89
Benzo(k)fluoranthene
Concen: 6.697 ng
RT: 22.968 min Scan# 3397
Delta R.T. -0.041 min
Lab File: BP009103.D
Acq: 10 Feb 2022 17:15

Tgt Ion:252 Resp: 508801
Ion Ratio Lower Upper
252 100
253 24.8 18.2 27.2
125 9.2 7.3 10.9





#90

Benzo(a)pyrene

Concen: 5.891 ng

RT: 23.592 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Instrument :

BNA_P

ClientSampleId :

B-1

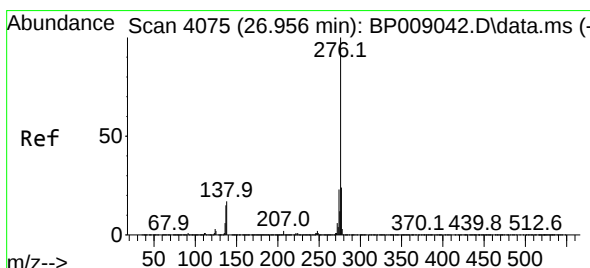
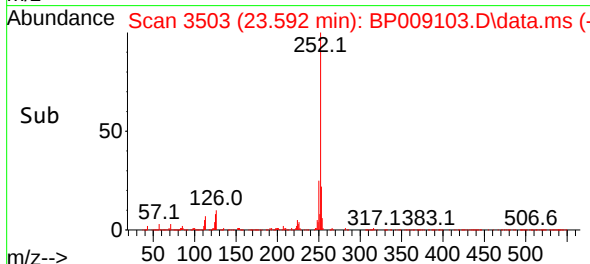
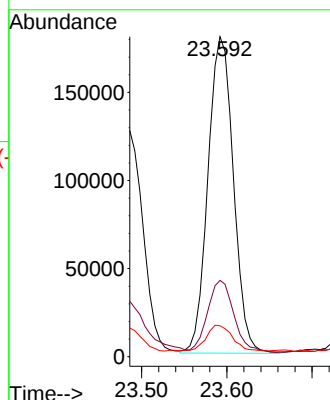
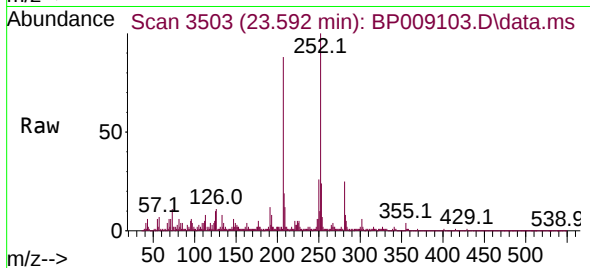
Tgt Ion:252 Resp: 374024

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.8

125 9.6 7.8 11.6



#92

Benzo(g,h,i)perylene

Concen: 3.423 ng

RT: 26.980 min Scan# 4079

Delta R.T. 0.023 min

Lab File: BP009103.D

Acq: 10 Feb 2022 17:15

Tgt Ion:276 Resp: 257456

Ion Ratio Lower Upper

276 100

277 28.0 19.2 28.8

138 15.9 15.0 22.4

