

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009126.D
 Acq On : 11 Feb 2022 22:25
 Operator : CG/JU
 Sample : N1487-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 251488

Quant Time: Feb 11 23:36:03 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)

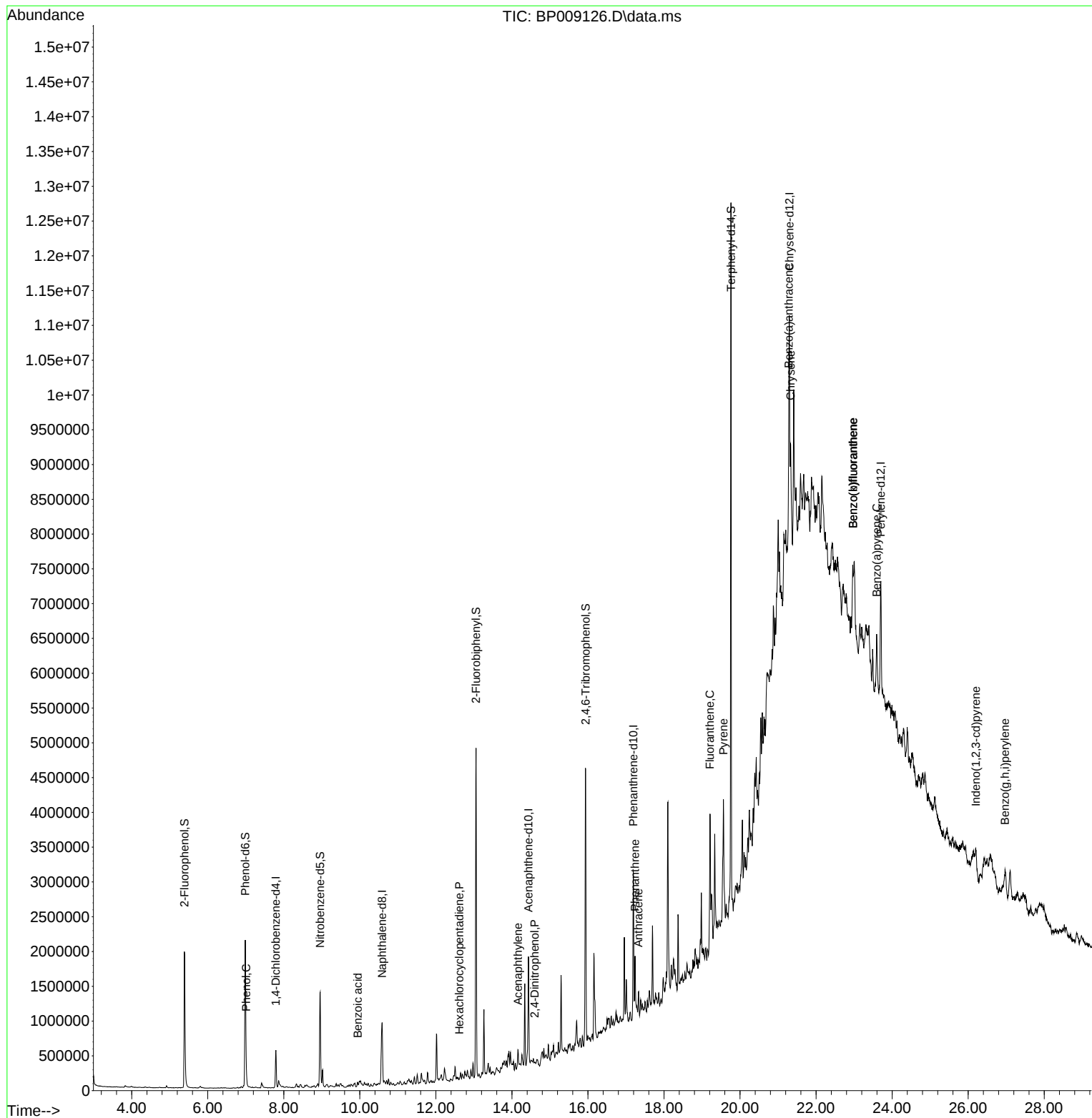
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	169532	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	729522	20.000	ng	-0.02
39) Acenaphthene-d10	14.433	164	544705	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1296931	20.000	ng	-0.01
76) Chrysene-d12	21.298	240	1451130	20.000	ng	0.00
86) Perylene-d12	23.704	264	1456639	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1090342	114.725	ng	0.00
7) Phenol-d6	6.987	99	1468102	117.232	ng	0.00
23) Nitrobenzene-d5	8.957	82	894096	69.116	ng	-0.01
42) 2,4,6-Tribromophenol	15.939	330	964428	132.608	ng	0.00
45) 2-Fluorobiphenyl	13.057	172	2606069	66.976	ng	-0.01
79) Terphenyl-d14	19.763	244	5002557	61.995	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.010	94	37620	2.988	ng	# 50
32) Benzoic acid	9.945	122	663	2.787	ng	# 1
41) Hexachlorocyclopentadiene	12.616	237	19	8.658	ng	81
49) Acenaphthylene	14.157	152	204747	4.271	ng	98
54) 2,4-Dinitrophenol	14.598	184	279	2.248	ng	# 1
71) Phenanthrene	17.239	178	451851	6.434	ng	98
72) Anthracene	17.327	178	232719	3.387	ng	96
75) Fluoranthene	19.210	202	990986	12.591	ng	98
78) Pyrene	19.563	202	1208850	11.710	ng	98
81) Benzo(a)anthracene	21.280	228	677823	7.248	ng	98
83) Chrysene	21.333	228	631999	7.011	ng	98
87) Indeno(1,2,3-cd)pyrene	26.203	276	427567	3.950	ng	# 94
88) Benzo(b)fluoranthene	22.974	252	1080599	12.050	ng	# 79
89) Benzo(k)fluoranthene	22.974	252	1080599	12.078	ng	# 79
90) Benzo(a)pyrene	23.598	252	594505	7.952	ng	# 79
92) Benzo(g,h,i)perylene	26.968	276	474960	5.363	ng	96

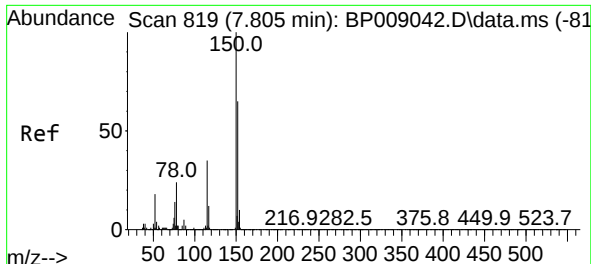
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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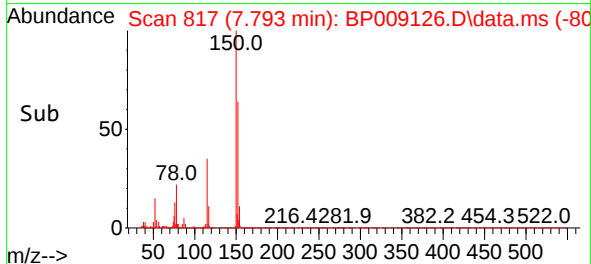
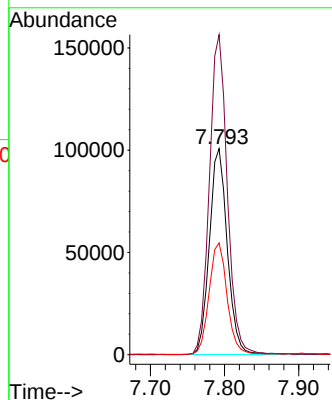
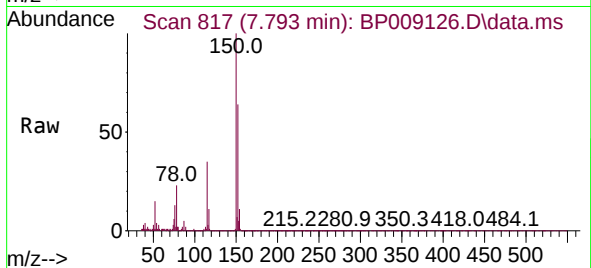




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

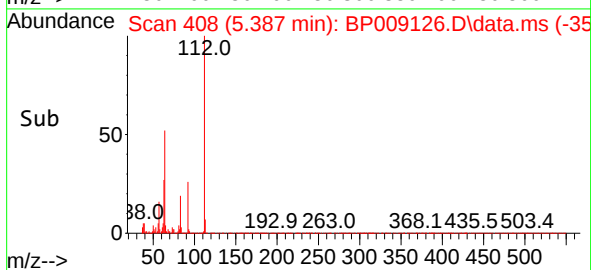
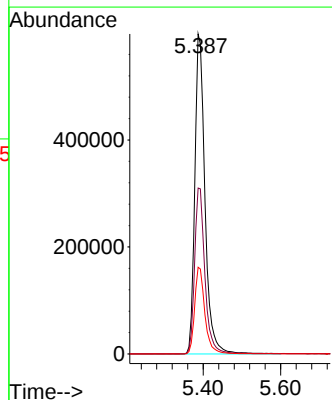
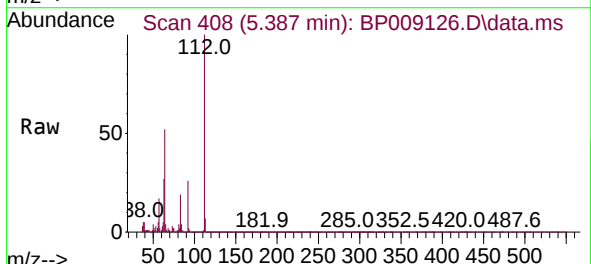
Instrument :
BNA_P
ClientSampleId :
251488

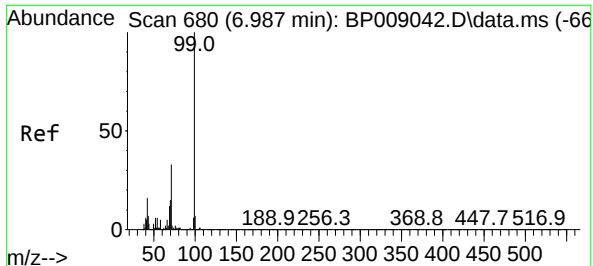
Tgt Ion:152 Resp: 169532
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 54.3 43.7 65.5



#5
2-Fluorophenol
Concen: 114.725 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:112 Resp: 1090342
Ion Ratio Lower Upper
112 100
64 51.9 39.7 59.5
63 27.1 20.0 30.0

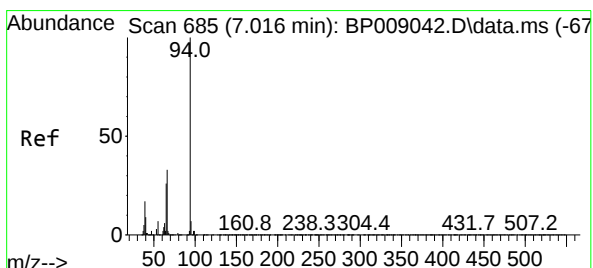
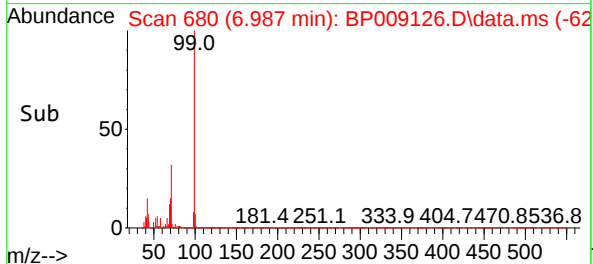
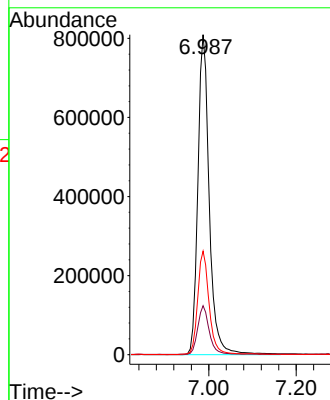
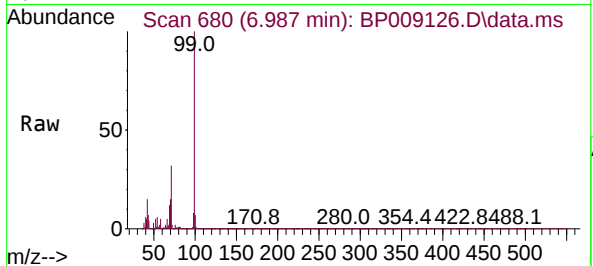




#7
Phenol-d6
Concen: 117.232 ng
RT: 6.987 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

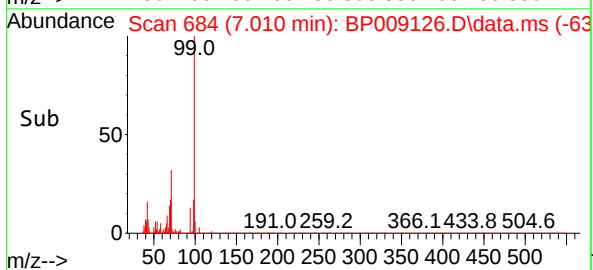
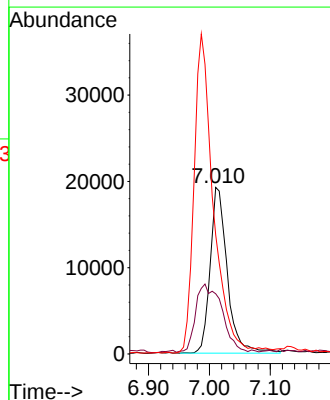
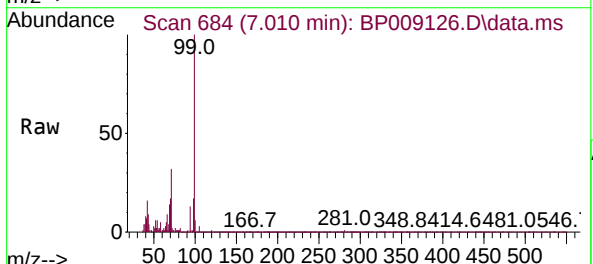
Instrument :
BNA_P
ClientSampleId :
251488

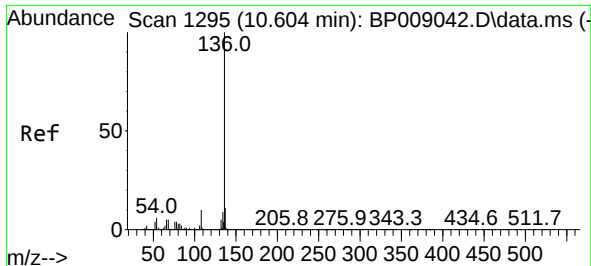
Tgt Ion: 99 Resp: 1468102
Ion Ratio Lower Upper
99 100
42 15.3 10.8 16.2
71 32.3 23.8 35.6



#10
Phenol
Concen: 2.988 ng
RT: 7.010 min Scan# 684
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion: 94 Resp: 37620
Ion Ratio Lower Upper
94 100
65 36.1 4.1 44.1
66 71.4 12.4 52.4#

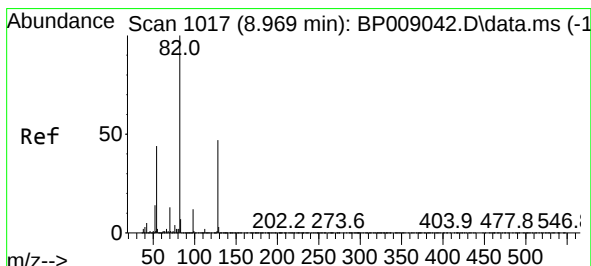
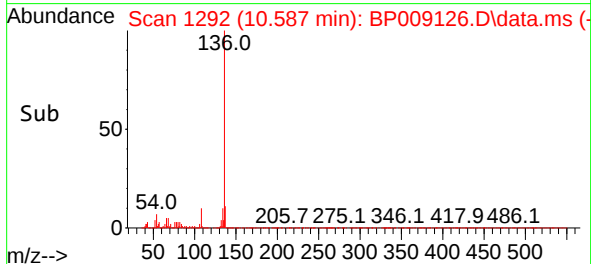
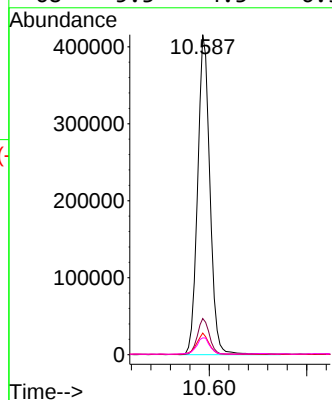
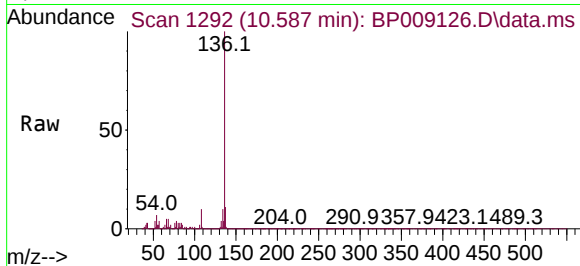




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1015
Delta R.T. -0.017 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

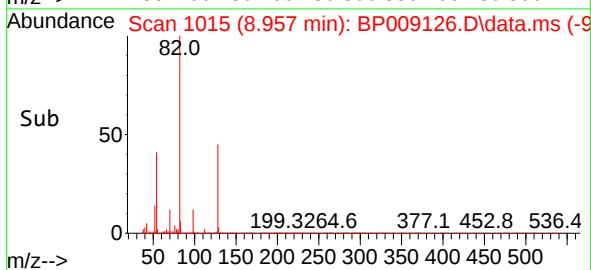
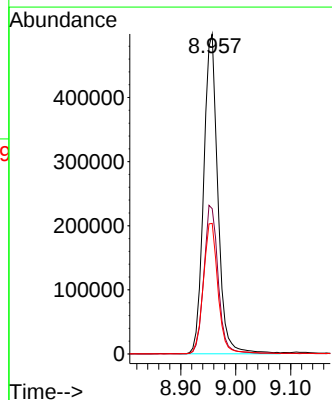
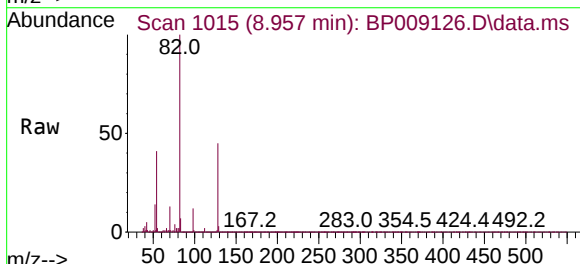
Instrument :
BNA_P
ClientSampleId :
251488

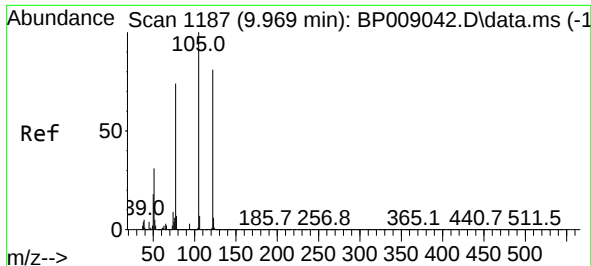
Tgt Ion:	136	Resp:	729522
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.4
54	6.7	4.9	7.3
68	5.3	4.3	6.5



#23
Nitrobenzene-d5
Concen: 69.116 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:	82	Resp:	894096
Ion Ratio	Lower	Upper	
82	100		
128	45.4	39.4	59.2
54	40.8	32.6	48.8

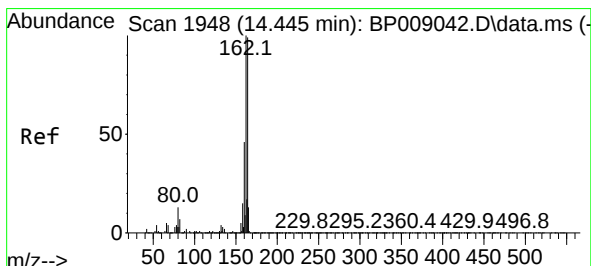
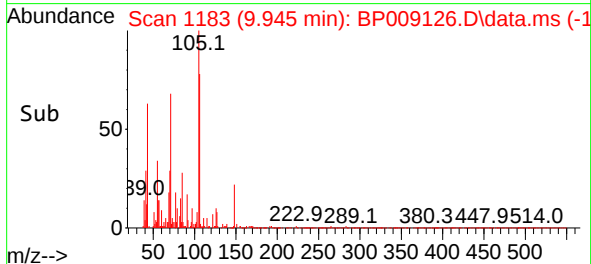
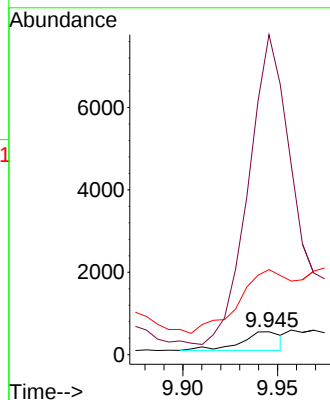
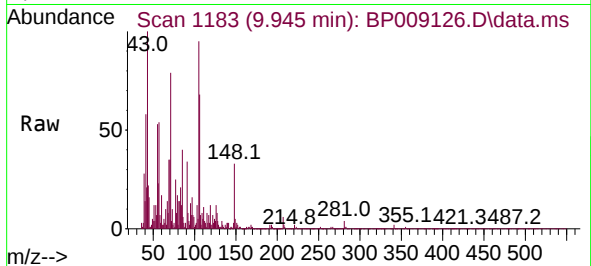




#32
Benzoic acid
Concen: 2.787 ng
RT: 9.945 min Scan# 1183
Delta R.T. -0.024 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

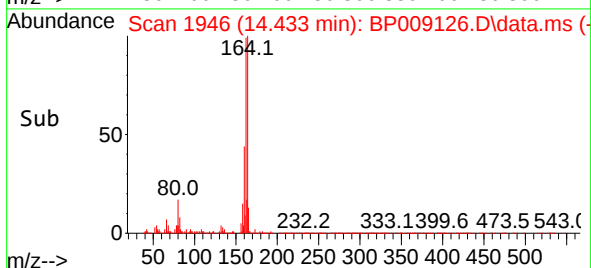
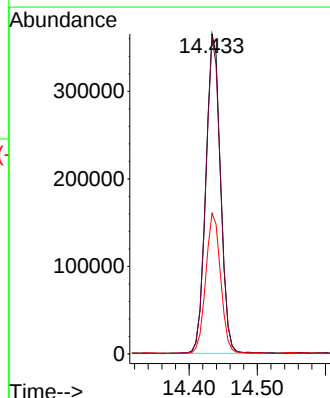
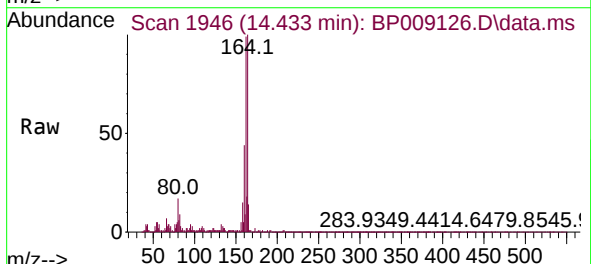
Instrument :
BNA_P
ClientSampleId :
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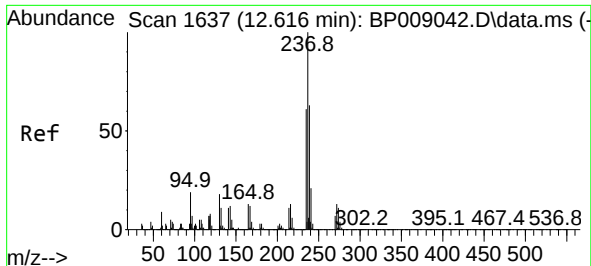
Tgt Ion:122 Resp: 663
Ion Ratio Lower Upper
122 100
105 1401.8 100.1 140.1#
77 373.1 65.5 105.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.433 min Scan# 1946
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:164 Resp: 544705
Ion Ratio Lower Upper
164 100
162 98.9 79.9 119.9
160 43.9 35.5 53.3

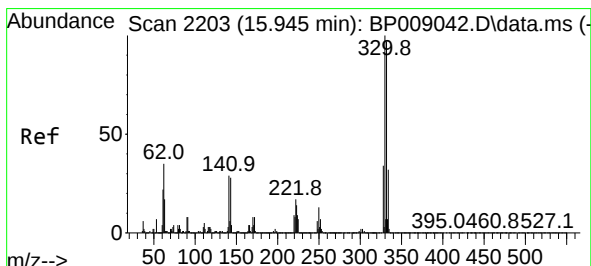
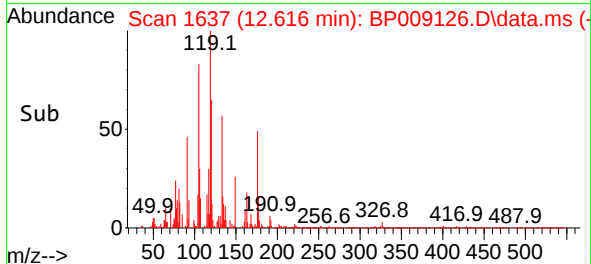
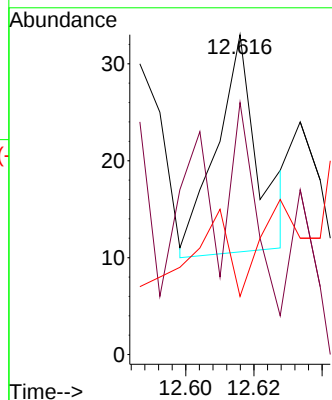
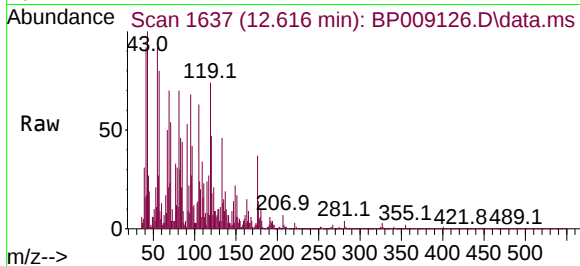




#41
Hexachlorocyclopentadiene
Concen: 8.658 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

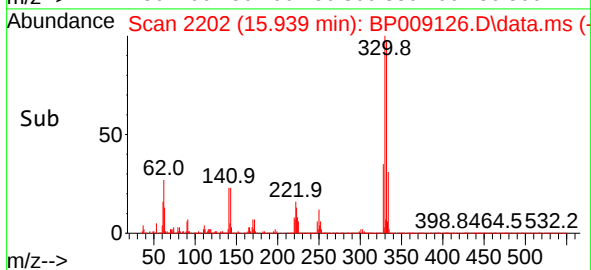
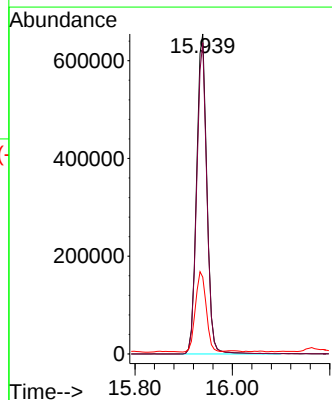
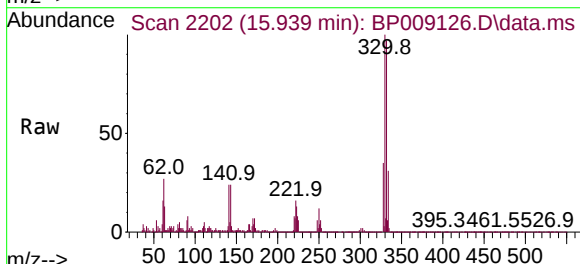
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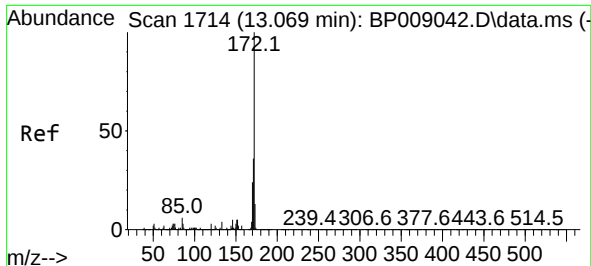
Tgt Ion:	237	Resp:	19
Ion	Ratio	Lower	Upper
237	100		
235	78.8	42.9	82.9
272	18.2	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 132.608 ng
RT: 15.939 min Scan# 2202
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:	330	Resp:	964428
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.4
141	26.3	21.3	31.9

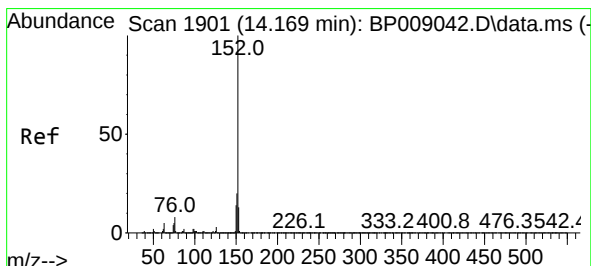
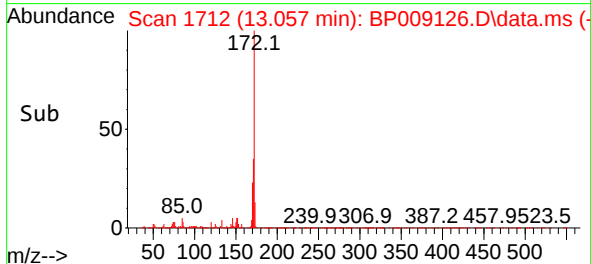
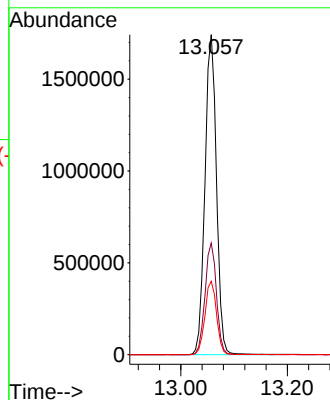
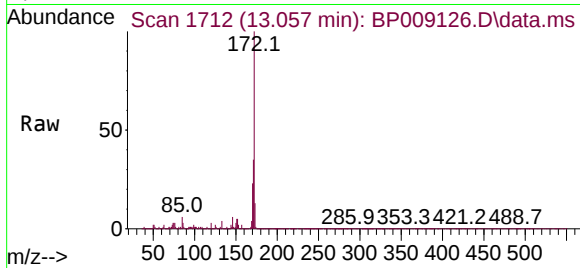




#45
2-Fluorobiphenyl
Concen: 66.976 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

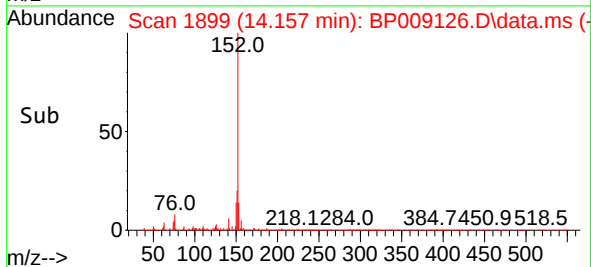
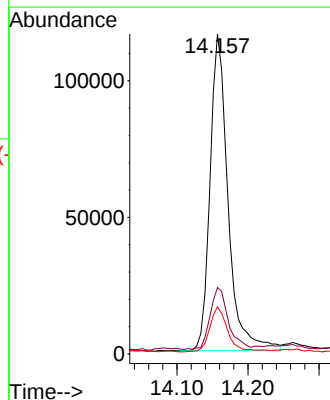
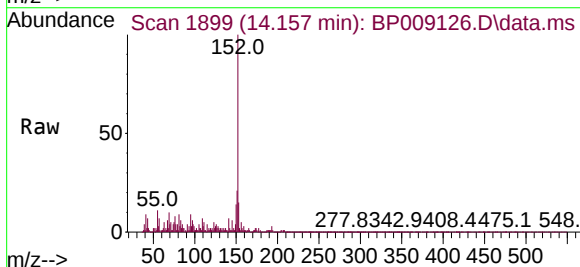
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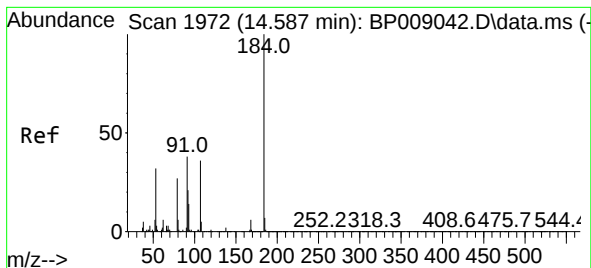
Tgt Ion:172 Resp: 2606069
Ion Ratio Lower Upper
172 100
171 34.9 29.3 43.9
170 22.9 19.5 29.3



#49
Acenaphthylene
Concen: 4.271 ng
RT: 14.157 min Scan# 1899
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:152 Resp: 204747
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 14.8 10.6 16.0





#54

2,4-Dinitrophenol

Concen: 2.248 ng

RT: 14.598 min Scan# 1974

Delta R.T. 0.011 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

251488

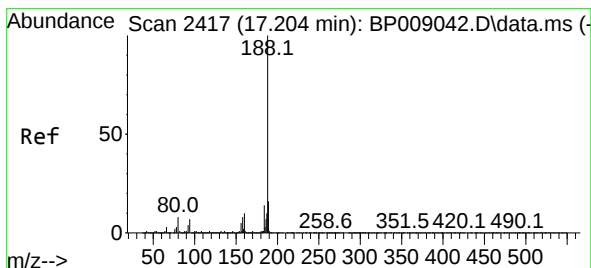
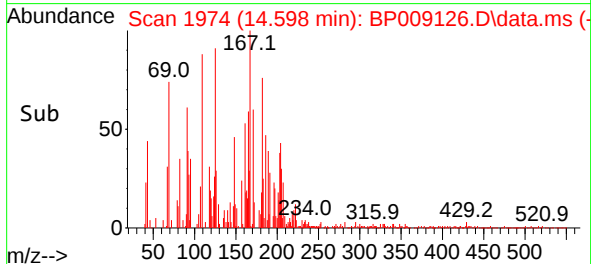
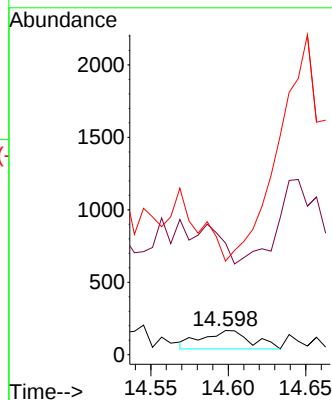
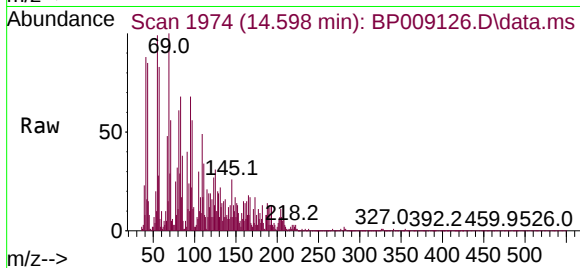
Tgt Ion:184 Resp: 279

Ion Ratio Lower Upper

184 100

63 461.7 35.6 53.4#

154 386.8 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

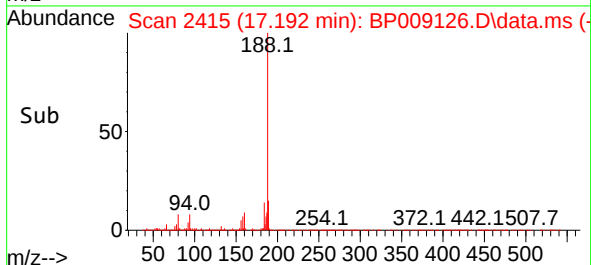
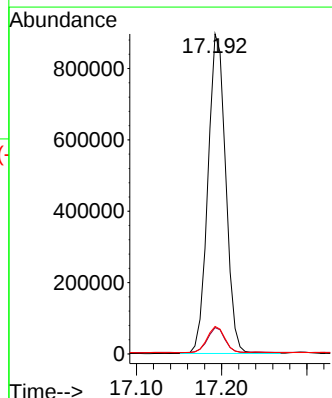
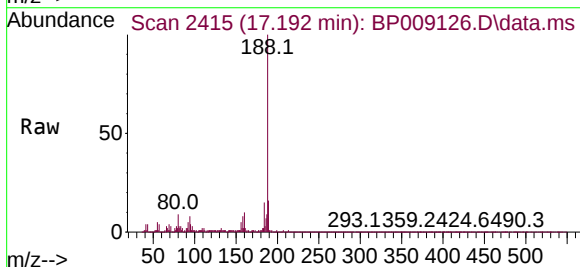
Tgt Ion:188 Resp: 1296931

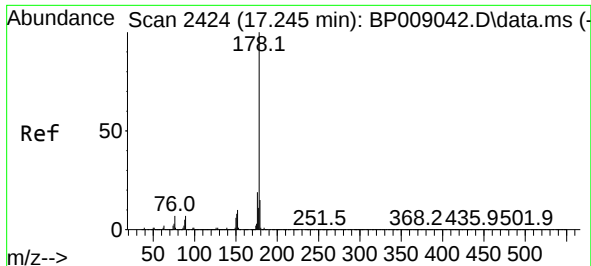
Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.6 7.2 10.8

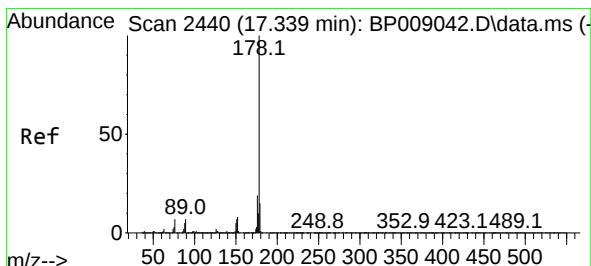
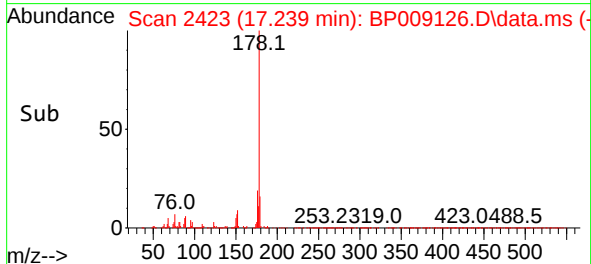
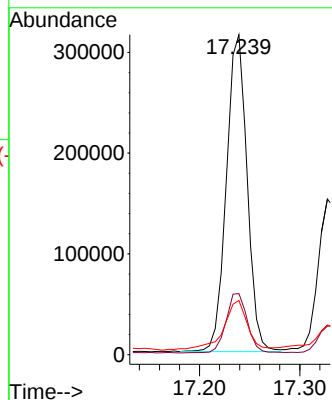
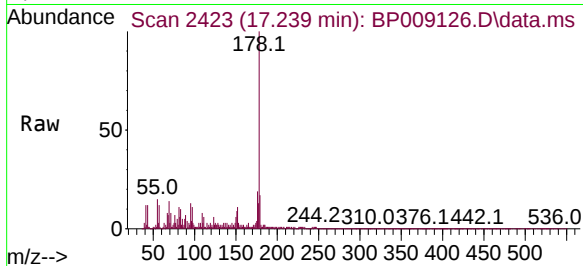




#71
Phenanthrene
Concen: 6.434 ng
RT: 17.239 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

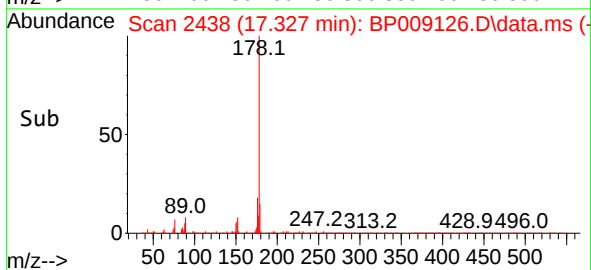
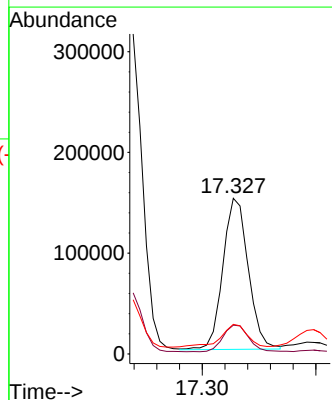
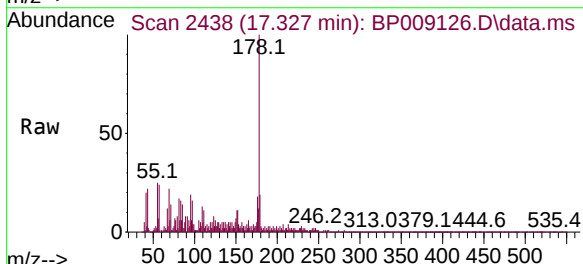
Instrument :
BNA_P
ClientSampleId :
251488

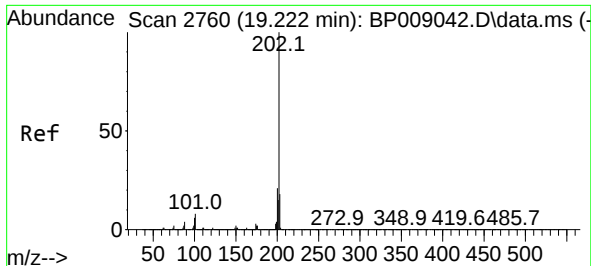
Tgt Ion:178 Resp: 451851
Ion Ratio Lower Upper
178 100
176 19.1 16.0 24.0
179 16.9 13.0 19.4



#72
Anthracene
Concen: 3.387 ng
RT: 17.327 min Scan# 2438
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:178 Resp: 232719
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 19.0 12.8 19.2

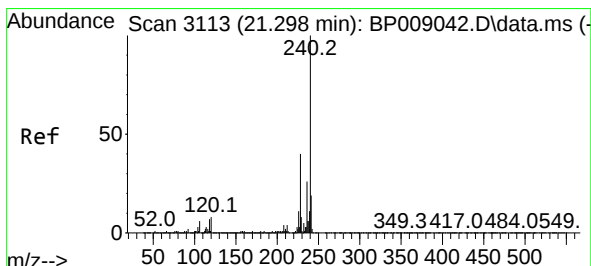
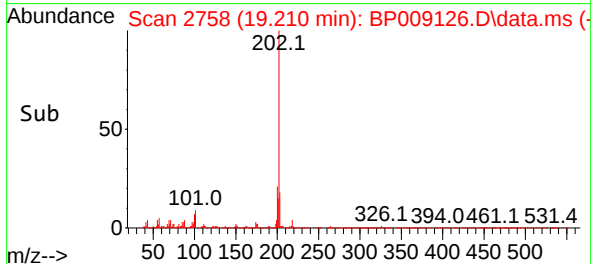
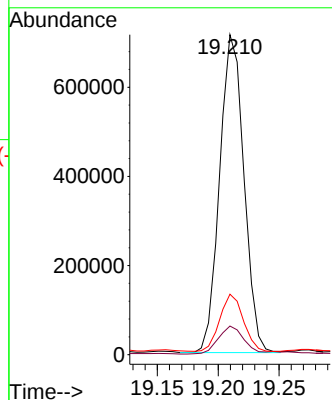
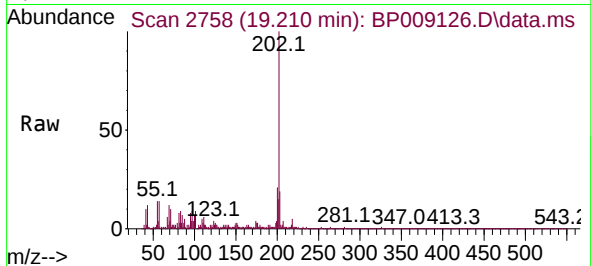




#75
Fluoranthene
Concen: 12.591 ng
RT: 19.210 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

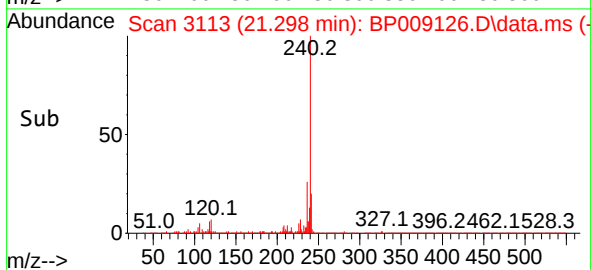
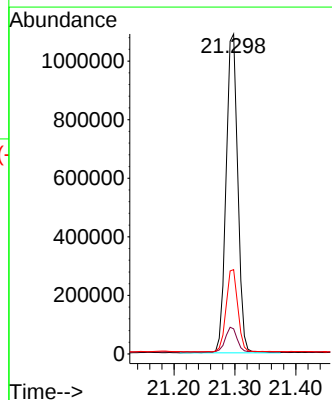
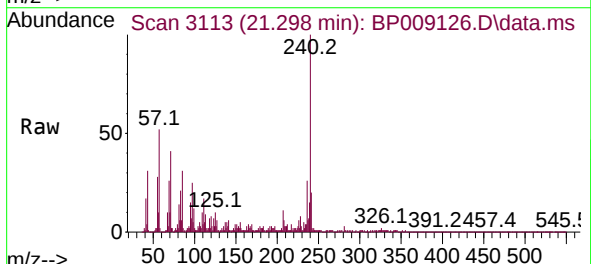
Instrument :
BNA_P
ClientSampleId :
251488

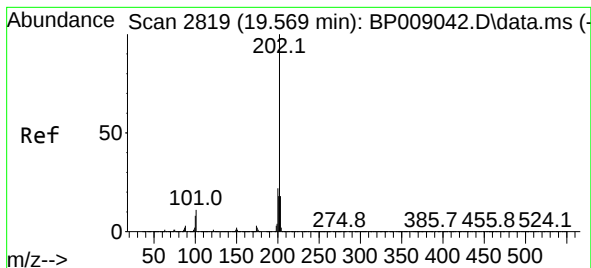
Tgt Ion:202 Resp: 990986
Ion Ratio Lower Upper
202 100
101 9.0 0.0 30.7
203 18.9 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:240 Resp: 1451130
Ion Ratio Lower Upper
240 100
120 7.9 7.7 11.5
236 26.3 21.2 31.8





#78

Pyrene

Concen: 11.710 ng

RT: 19.563 min Scan# 2819

Delta R.T. -0.006 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

251488

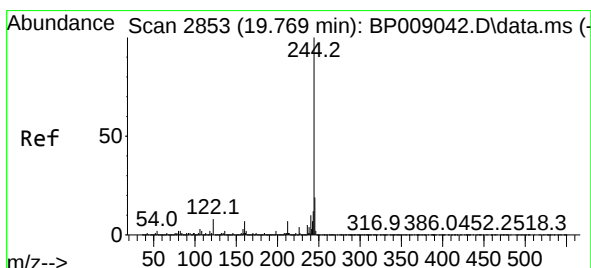
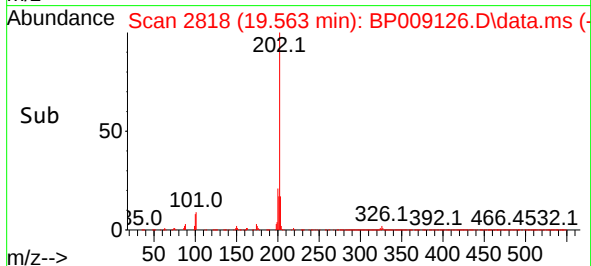
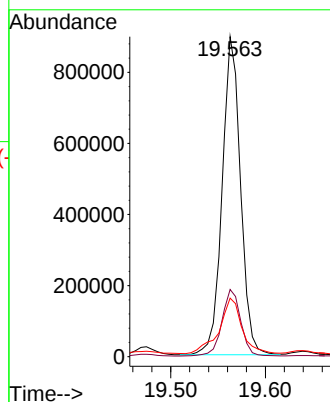
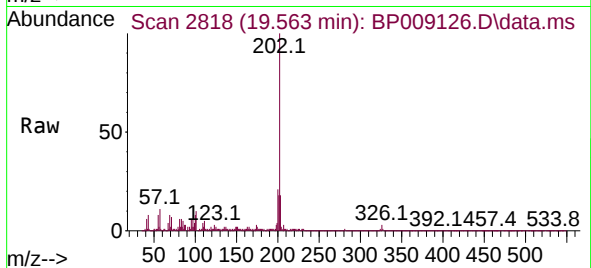
Tgt Ion:202 Resp: 1208850

Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

203 18.3 15.0 22.6



#79

Terphenyl-d14

Concen: 61.995 ng

RT: 19.763 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

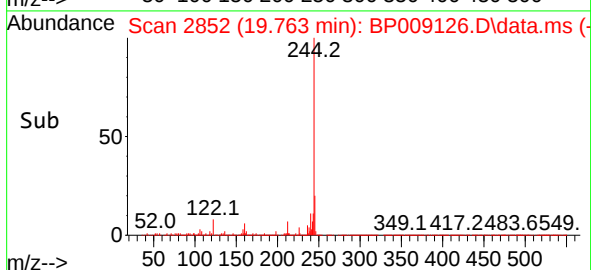
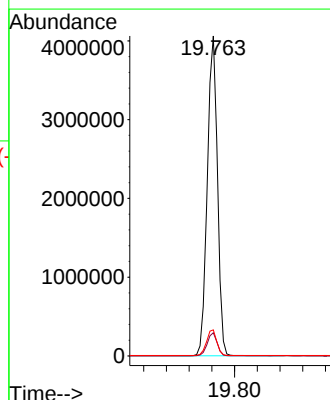
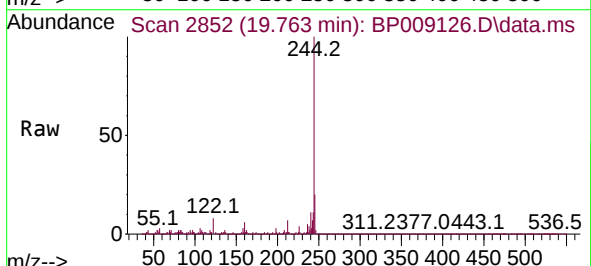
Tgt Ion:244 Resp: 5002557

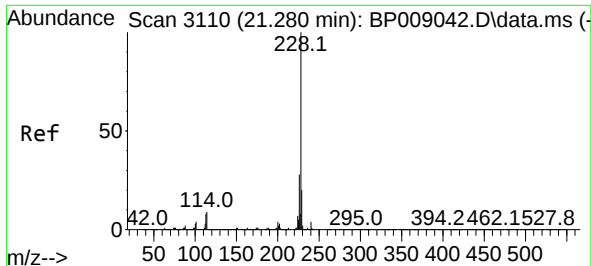
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.1 9.2 13.8#

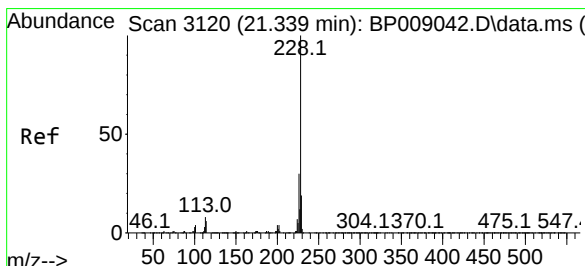
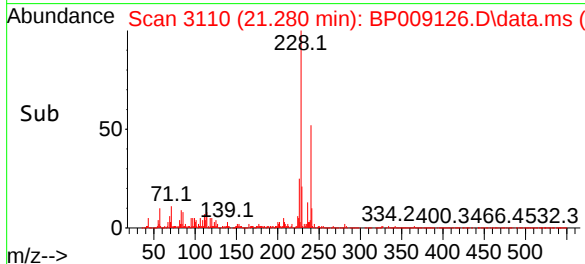
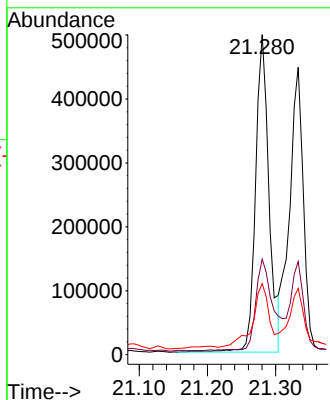
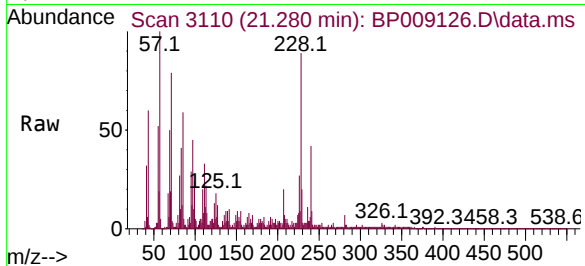




#81
Benzo(a)anthracene
Concen: 7.248 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

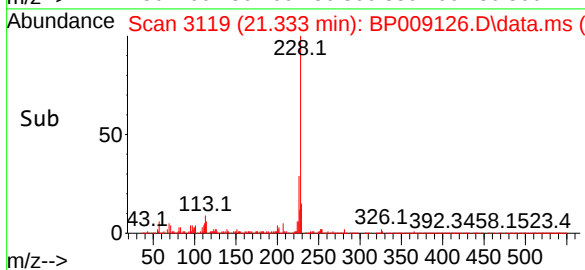
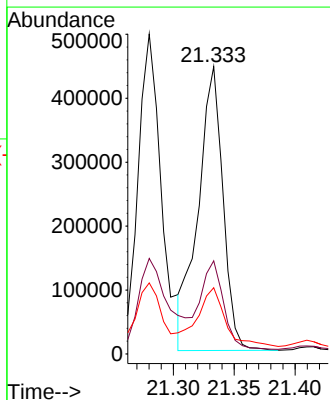
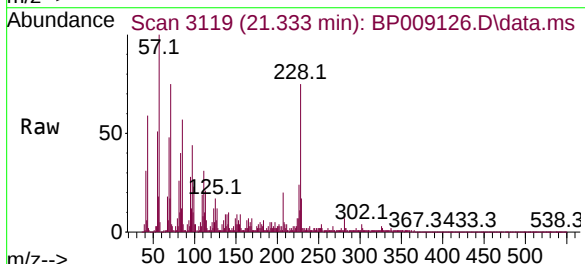
Instrument :
BNA_P
ClientSampleId :
251488

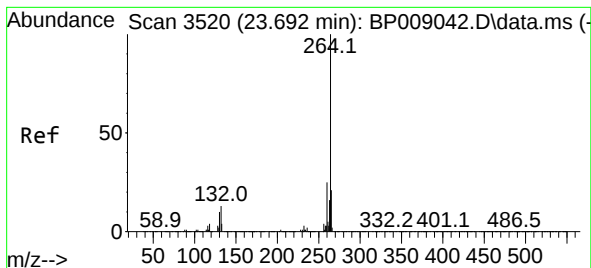
Tgt Ion:228 Resp: 677823
Ion Ratio Lower Upper
228 100
226 29.9 23.3 34.9
229 22.2 17.0 25.6



#83
Chrysene
Concen: 7.011 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:228 Resp: 631999
Ion Ratio Lower Upper
228 100
226 32.4 26.0 39.0
229 23.0 16.9 25.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

251488

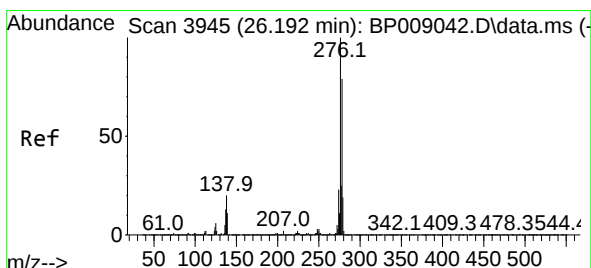
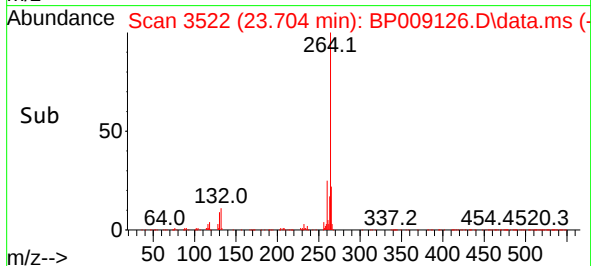
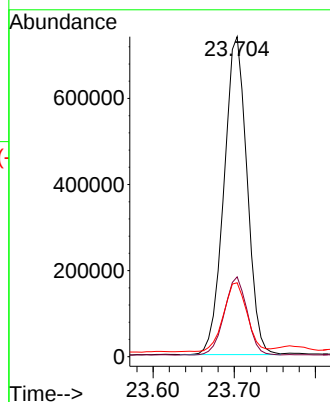
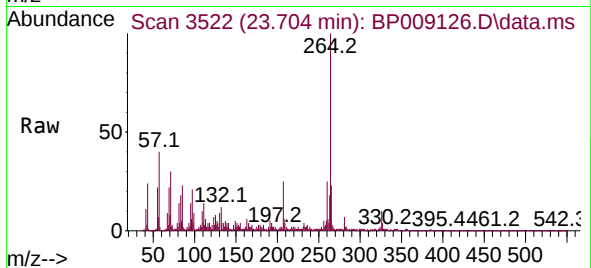
Tgt Ion:264 Resp: 1456639

Ion Ratio Lower Upper

264 100

260 25.0 19.1 28.7

265 23.1 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.950 ng

RT: 26.203 min Scan# 3947

Delta R.T. 0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

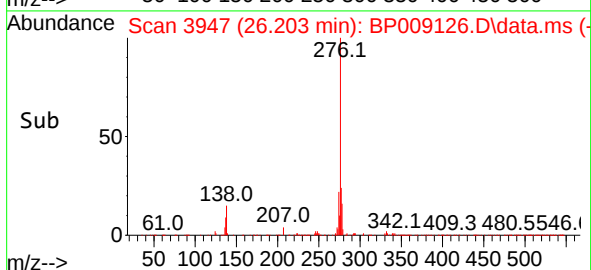
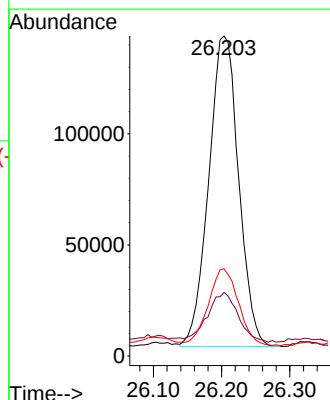
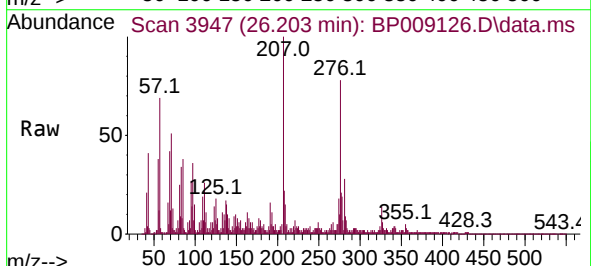
Tgt Ion:276 Resp: 427567

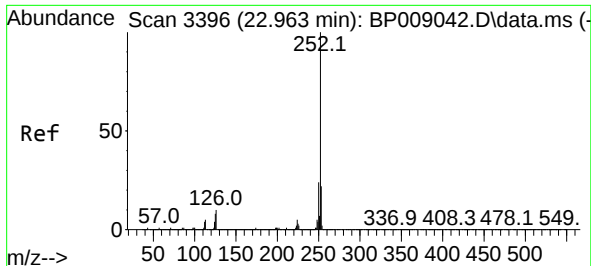
Ion Ratio Lower Upper

276 100

138 16.4 17.8 26.6#

277 25.2 20.4 30.6

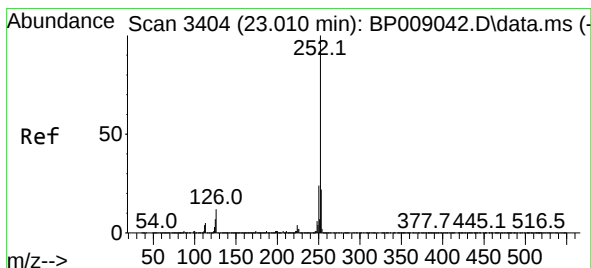
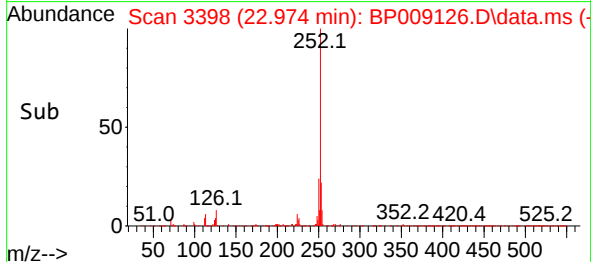
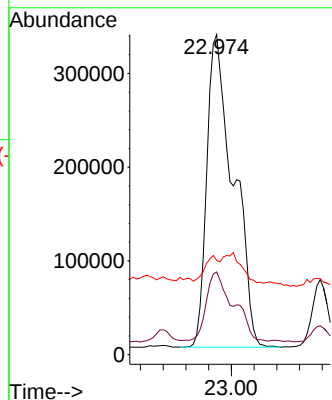
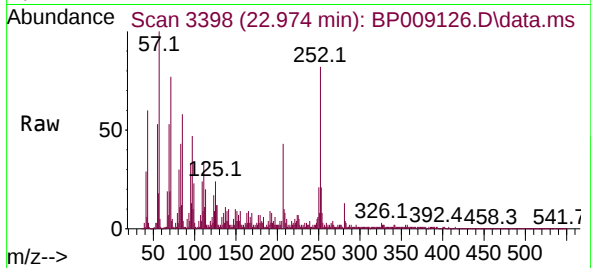




#88
Benzo(b)fluoranthene
Concen: 12.050 ng
RT: 22.974 min Scan# 3398
Delta R.T. 0.012 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

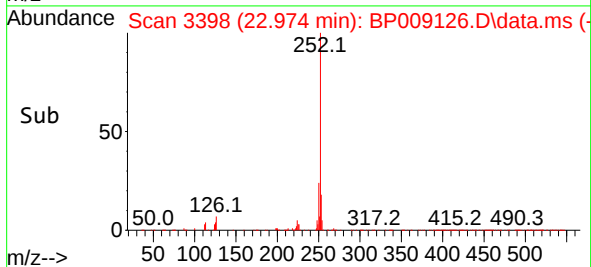
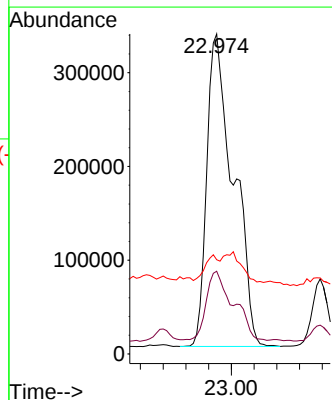
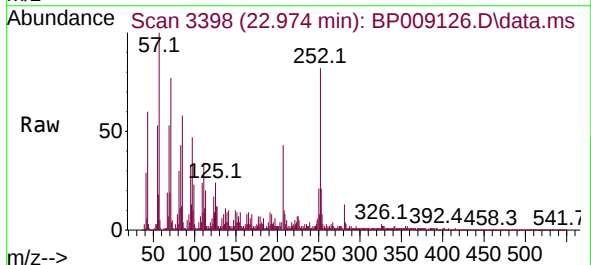
Instrument :
BNA_P
ClientSampleId :
251488

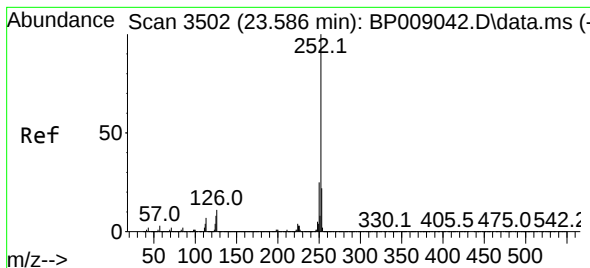
Tgt Ion:252 Resp: 1080599
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 29.4 6.9 10.3#



#89
Benzo(k)fluoranthene
Concen: 12.078 ng
RT: 22.974 min Scan# 3398
Delta R.T. -0.035 min
Lab File: BP009126.D
Acq: 11 Feb 2022 22:25

Tgt Ion:252 Resp: 1080599
Ion Ratio Lower Upper
252 100
253 25.8 18.2 27.2
125 29.4 7.3 10.9#





#90

Benzo(a)pyrene

Concen: 7.952 ng

RT: 23.598 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Instrument :

BNA_P

ClientSampleId :

251488

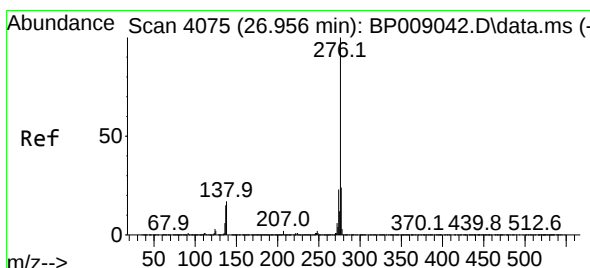
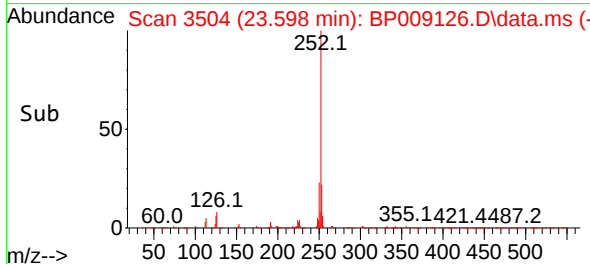
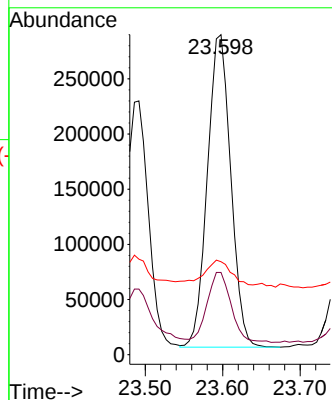
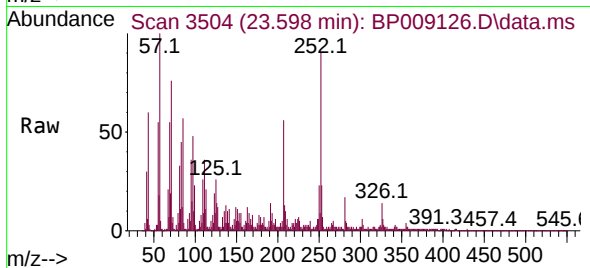
Tgt Ion:252 Resp: 594505

Ion Ratio Lower Upper

252 100

253 25.7 17.8 26.8

125 29.1 7.8 11.6#



#92

Benzo(g,h,i)perylene

Concen: 5.363 ng

RT: 26.968 min Scan# 4077

Delta R.T. 0.012 min

Lab File: BP009126.D

Acq: 11 Feb 2022 22:25

Tgt Ion:276 Resp: 474960

Ion Ratio Lower Upper

276 100

277 27.5 19.2 28.8

138 18.8 15.0 22.4

