

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009613.D
 Acq On : 30 Mar 2022 01:47
 Operator : CG/JU
 Sample : N2095-10 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-4.0-5.0

Quant Time: Mar 30 04:12:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

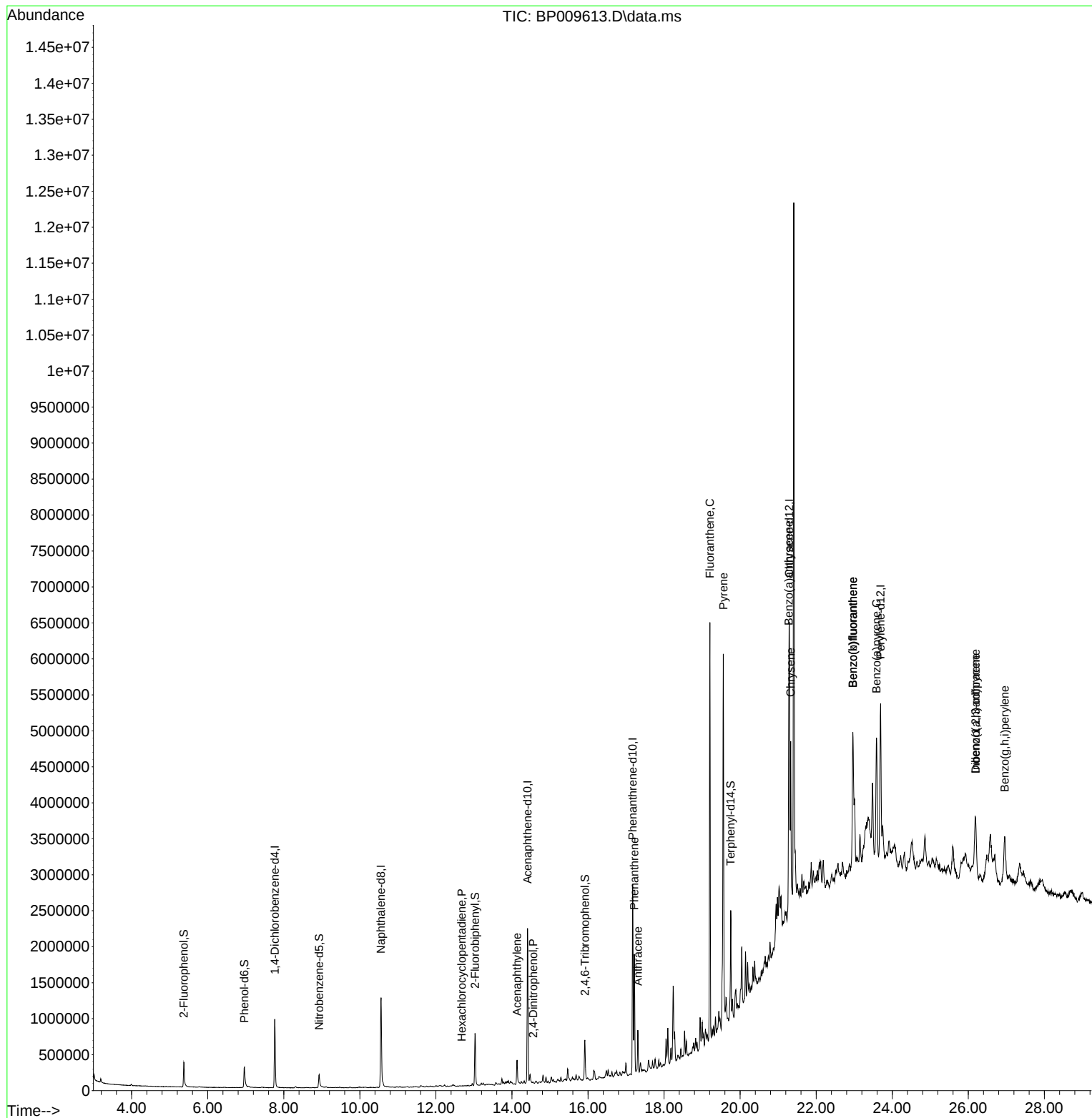
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.764	152	306093	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	1245575	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	816958	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1653477	20.000	ng	0.00
76) Chrysene-d12	21.292	240	1584510	20.000	ng	0.00
86) Perylene-d12	23.692	264	1783900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	216507	12.349	ng	0.00
7) Phenol-d6	6.964	99	275146	11.605	ng	0.01
23) Nitrobenzene-d5	8.928	82	172899	7.376	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	126982	9.419	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	472402	8.016	ng	0.00
79) Terphenyl-d14	19.751	244	745581	8.446	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.911	77	499	Below Cal	#	73
41) Hexachlorocyclopentadiene	12.681	237	39	7.291	ng	85
49) Acenaphthylene	14.134	152	295821	3.994	ng	100
54) 2,4-Dinitrophenol	14.557	184	46	4.538	ng	# 1
71) Phenanthrene	17.216	178	1117512	12.626	ng	99
72) Anthracene	17.310	178	407868	4.667	ng	98
75) Fluoranthene	19.204	202	3560619	33.228	ng	98
78) Pyrene	19.557	202	3269864	31.317	ng	100
81) Benzo(a)anthracene	21.281	228	1364194	13.104	ng	95
83) Chrysene	21.328	228	1309129	13.281	ng	96
87) Indeno(1,2,3-cd)pyrene	26.192	276	874438	6.461	ng	# 92
88) Benzo(b)fluoranthene	22.963	252	1744158	16.378	ng	97
89) Benzo(k)fluoranthene	22.963	252	1744158	16.728	ng	96
90) Benzo(a)pyrene	23.586	252	1293825	14.200	ng	97
91) Dibenzo(a,h)anthracene	26.192	278	238357	2.113	ng	# 76
92) Benzo(g,h,i)perylene	26.957	276	885291	7.978	ng	93

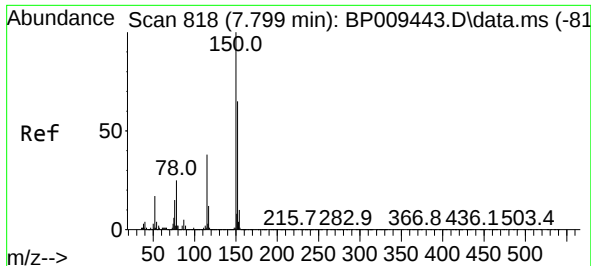
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009613.D
Acq On : 30 Mar 2022 01:47
Operator : CG/JU
Sample : N2095-10 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

Quant Time: Mar 30 04:12:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 04:00:13 2022
Response via : Initial Calibration

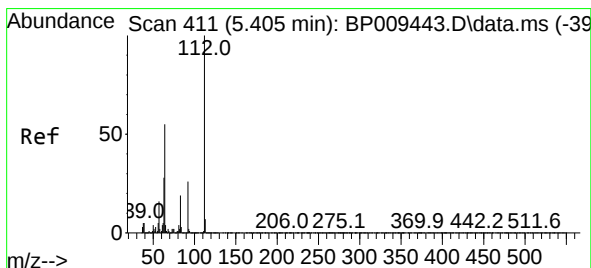
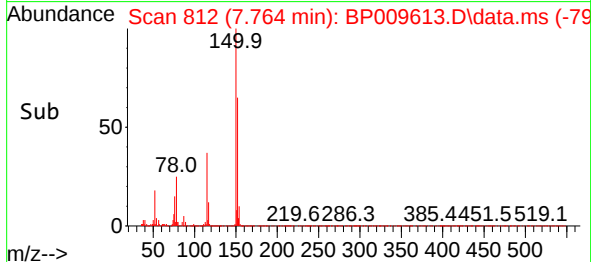
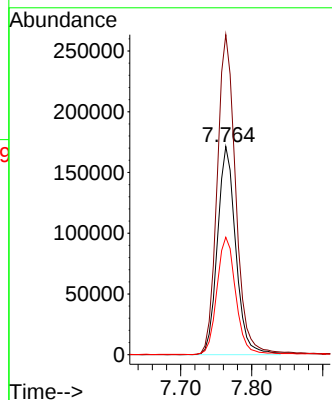
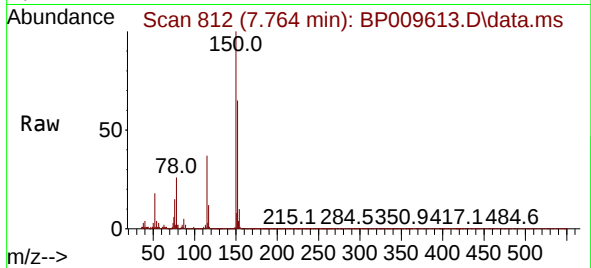




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.764 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

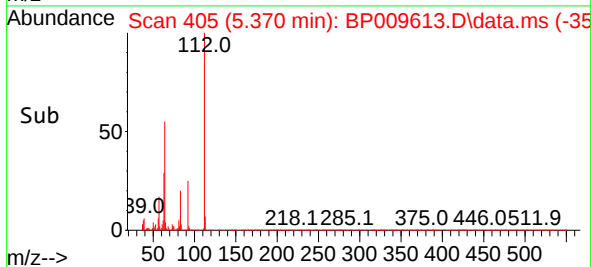
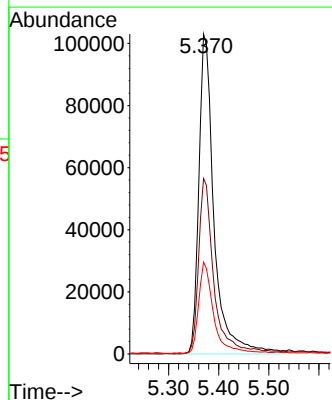
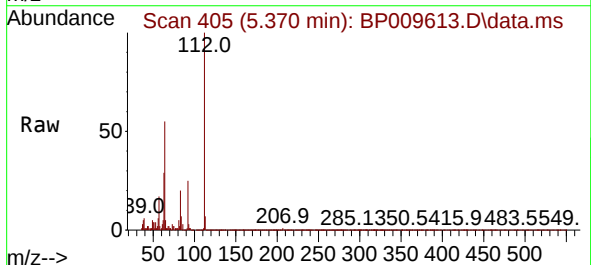
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

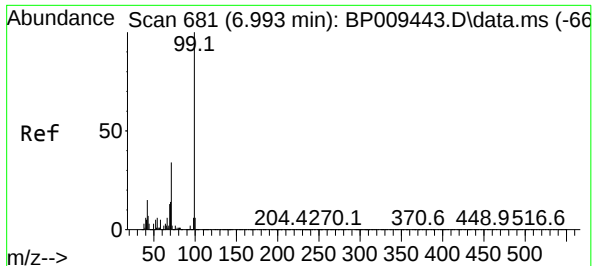
Tgt Ion:152 Resp: 306093
Ion Ratio Lower Upper
152 100
150 153.7 124.5 186.7
115 56.4 48.2 72.4



#5
2-Fluorophenol
Concen: 12.349 ng
RT: 5.370 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:112 Resp: 216507
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.7 23.0 34.6

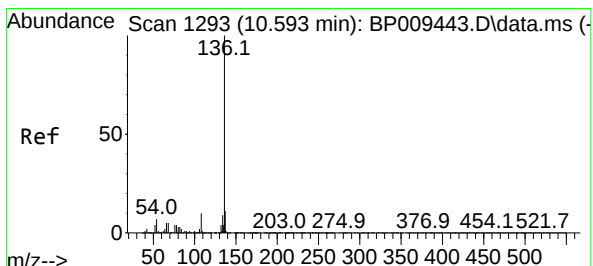
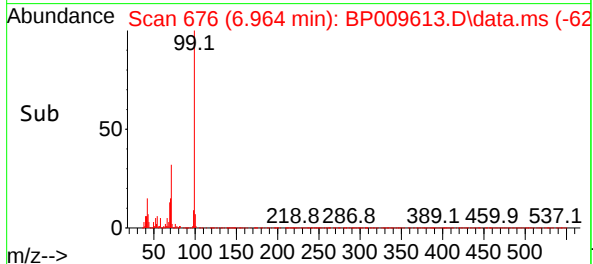
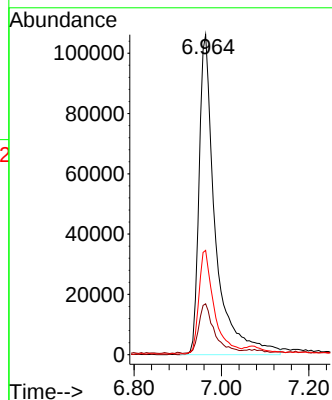
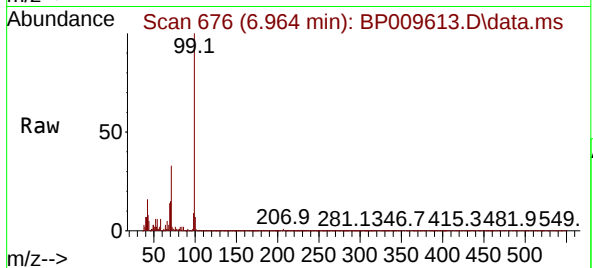




#7
Phenol-d6
Concen: 11.605 ng
RT: 6.964 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

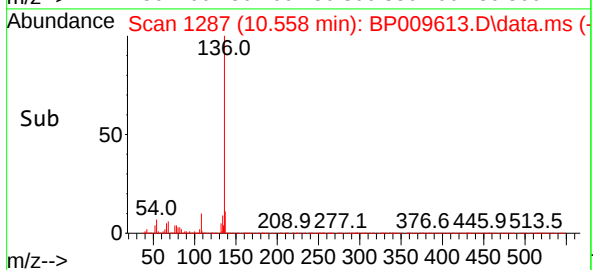
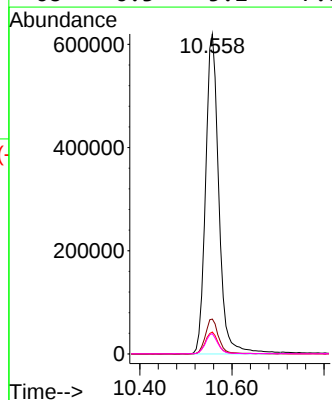
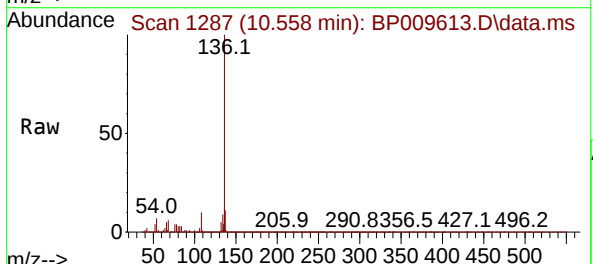
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

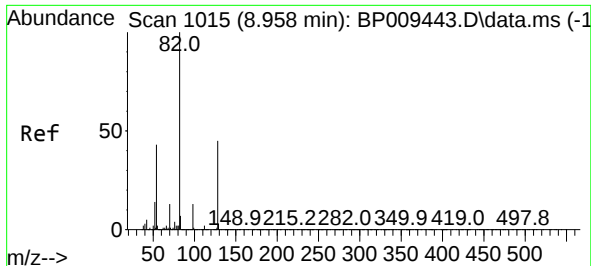
Tgt Ion: 99 Resp: 275146
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 32.6 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.558 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion: 136 Resp: 1245575
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.8 8.8
68 6.3 5.2 7.8

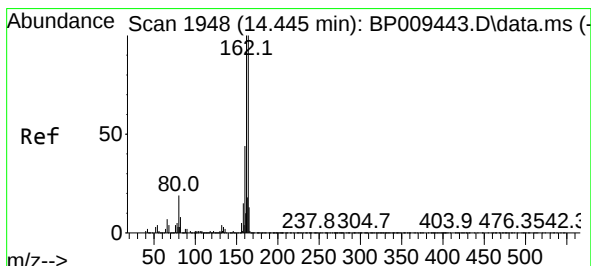
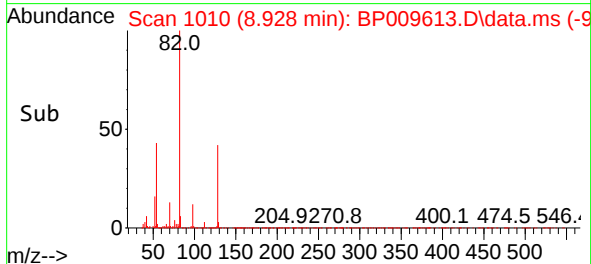
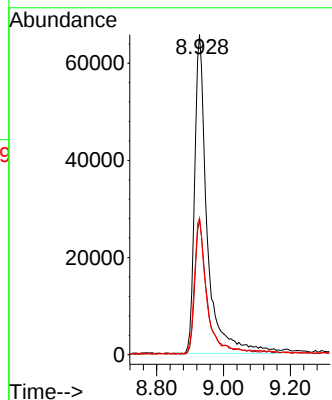
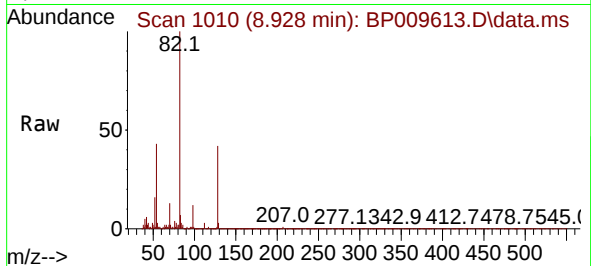




#23
Nitrobenzene-d5
Concen: 7.376 ng
RT: 8.928 min Scan# 1015
Delta R.T. 0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

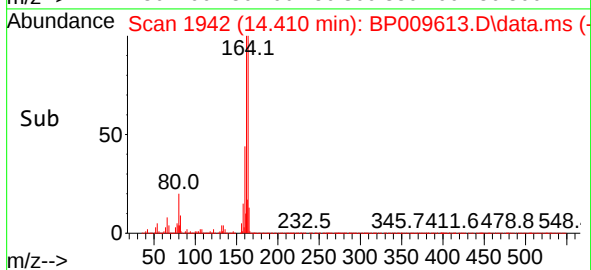
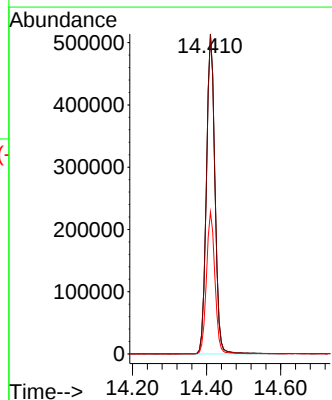
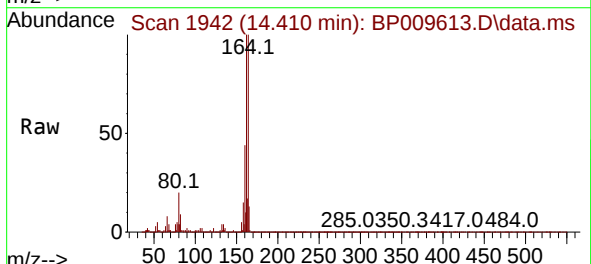
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

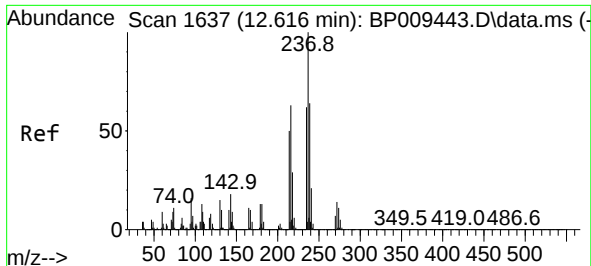
Tgt Ion: 82 Resp: 172899
Ion Ratio Lower Upper
82 100
128 42.1 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion: 164 Resp: 816958
Ion Ratio Lower Upper
164 100
162 99.9 79.1 118.7
160 44.4 34.9 52.3

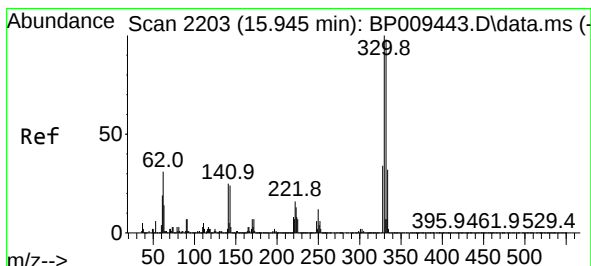
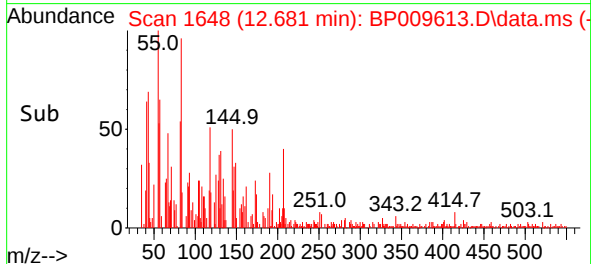
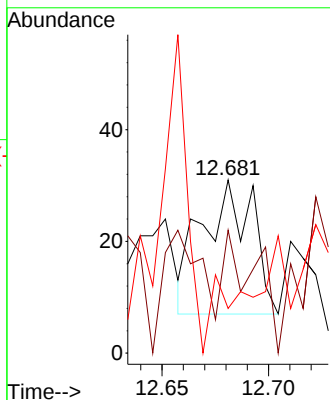
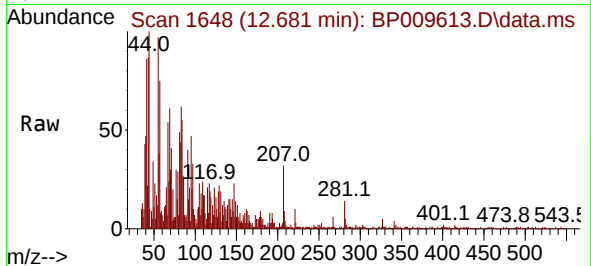




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.681 min Scan# 1
Delta R.T. 0.106 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

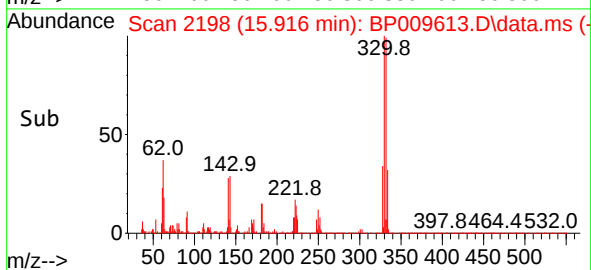
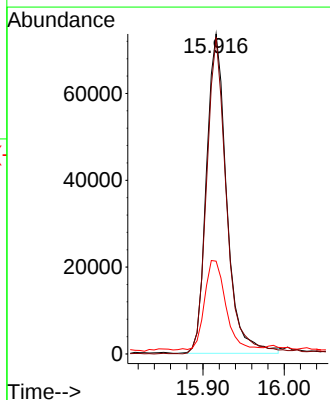
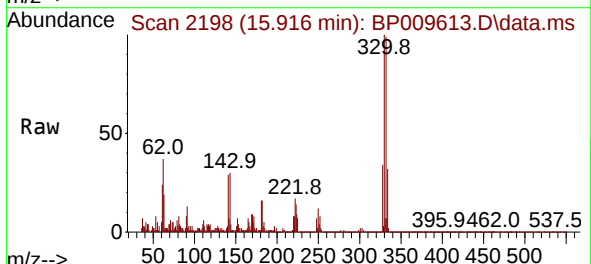
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

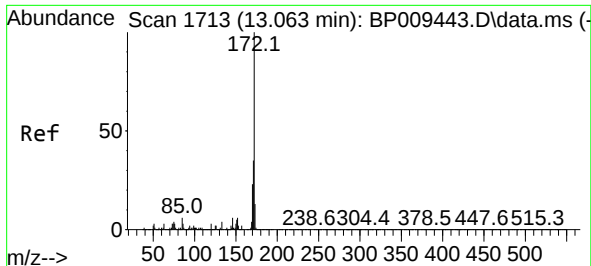
Tgt Ion:237	Resp:	39
Ion Ratio	Lower	Upper
237	100	
235	71.0	42.6 82.6
272	25.8	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 9.419 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:330	Resp:	126982
Ion Ratio	Lower	Upper
330	100	
332	98.1	77.0 115.6
141	29.7	27.6 41.4

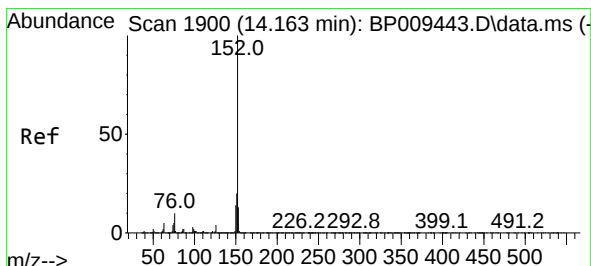
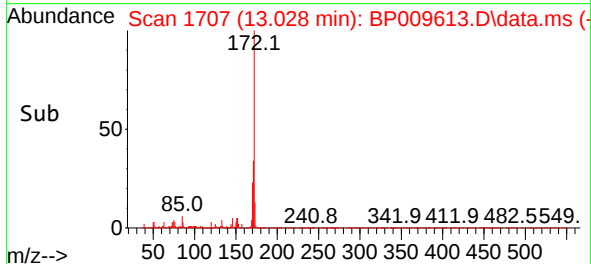
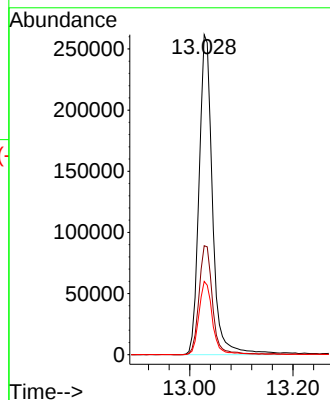
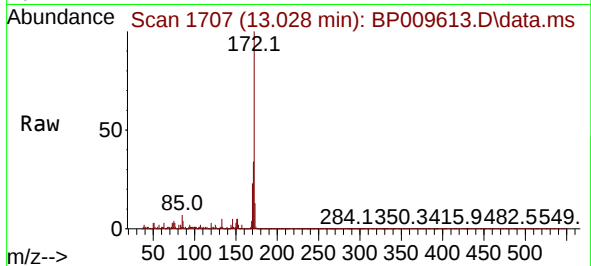




#45
2-Fluorobiphenyl
Concen: 8.016 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

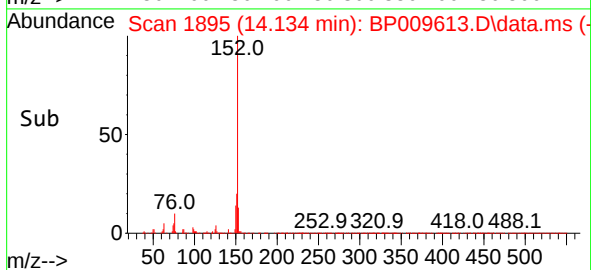
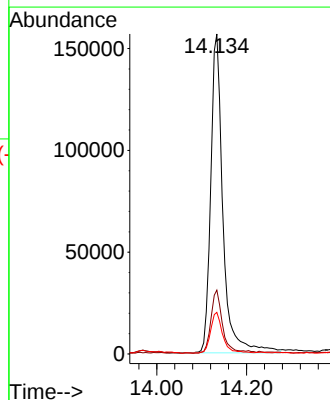
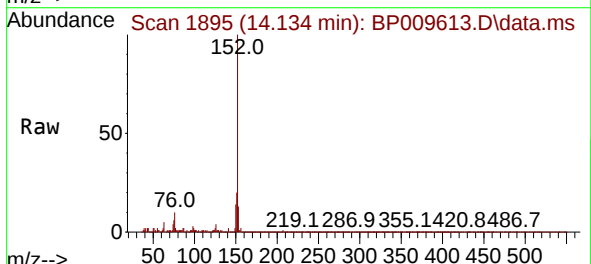
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

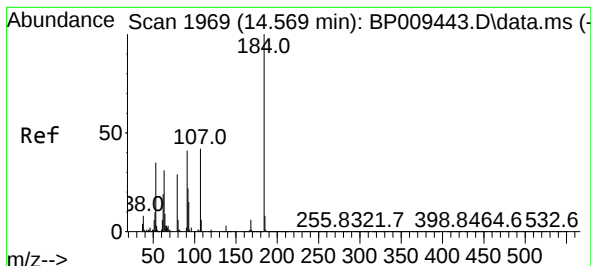
Tgt Ion:172 Resp: 472402
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 22.9 18.6 27.8



#49
Acenaphthylene
Concen: 3.994 ng
RT: 14.134 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:152 Resp: 295821
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.0 10.7 16.1

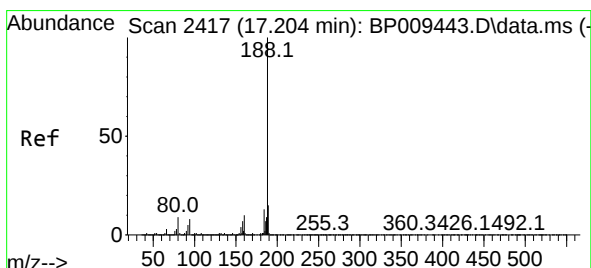
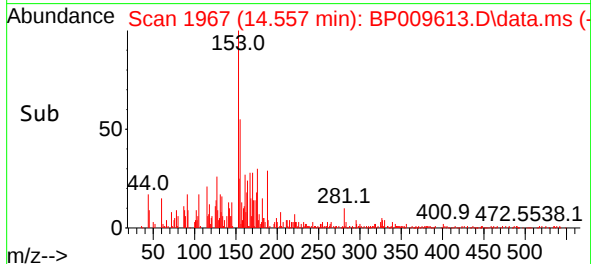
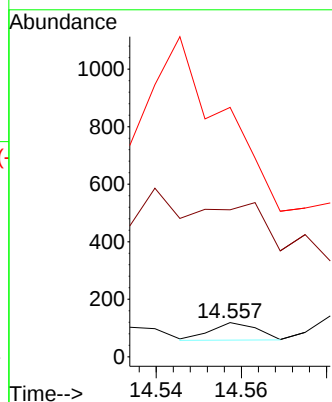
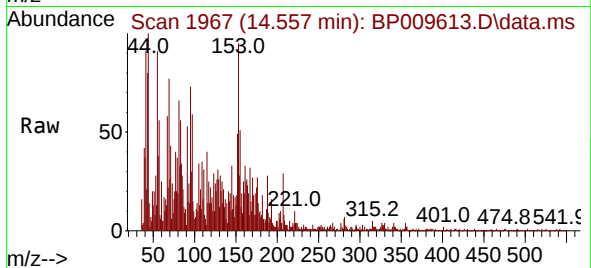




#54
2,4-Dinitrophenol
Concen: 4.538 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

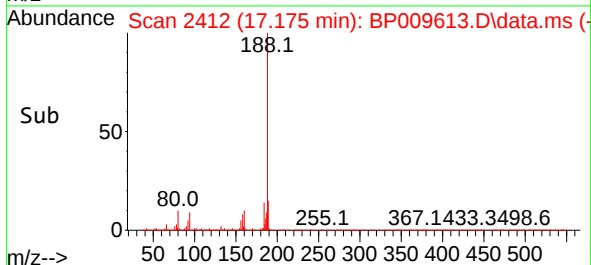
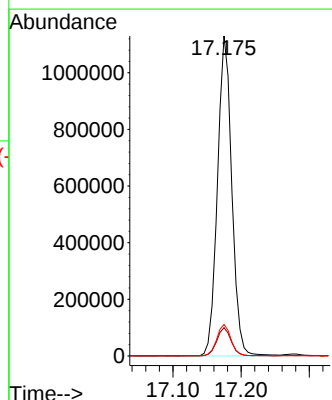
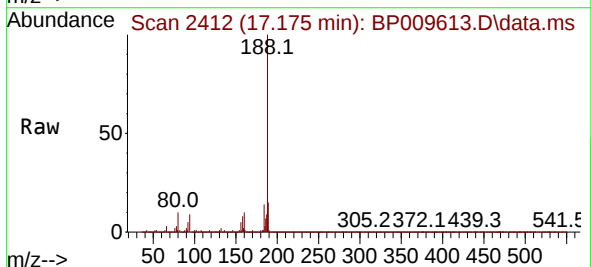
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

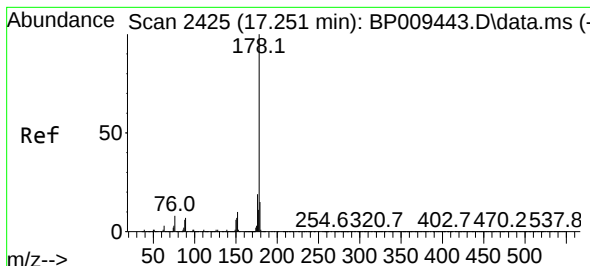
Tgt Ion:184 Resp: 46
Ion Ratio Lower Upper
184 100
63 429.4 46.3 69.5#
154 728.6 45.8 68.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:188 Resp: 1653477
Ion Ratio Lower Upper
188 100
94 8.9 7.9 11.9
80 9.9 8.8 13.2





#71

Phenanthrene

Concen: 12.626 ng

RT: 17.216 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

Instrument :

BNA_P

ClientSampleId :

SB-10-4.0-5.0

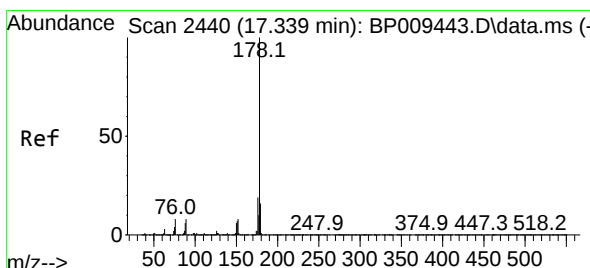
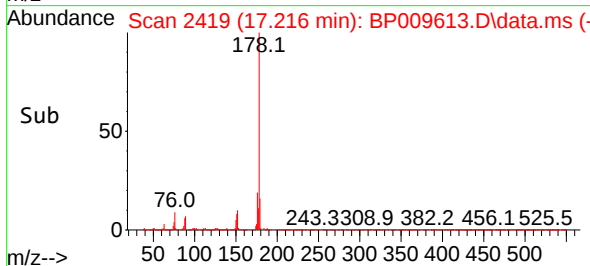
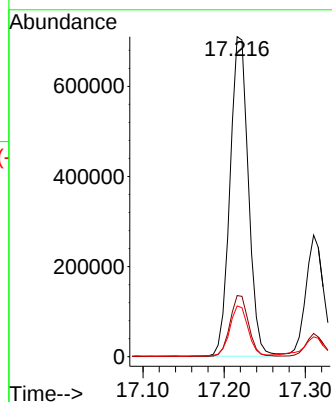
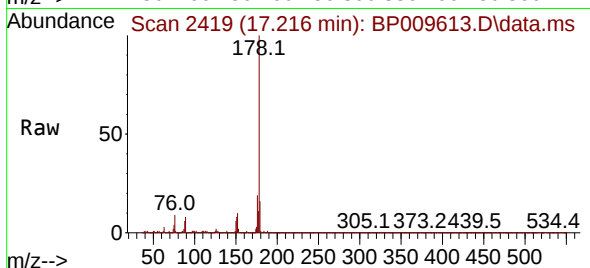
Tgt Ion:178 Resp: 1117512

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 15.8 12.3 18.5



#72

Anthracene

Concen: 4.667 ng

RT: 17.310 min Scan# 2435

Delta R.T. 0.000 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

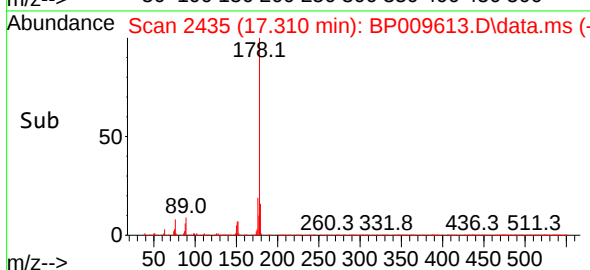
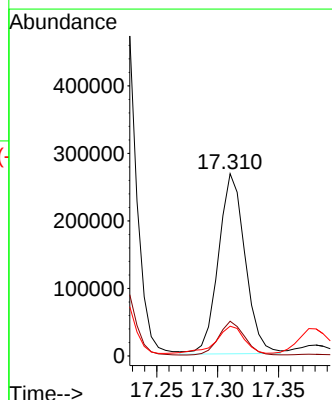
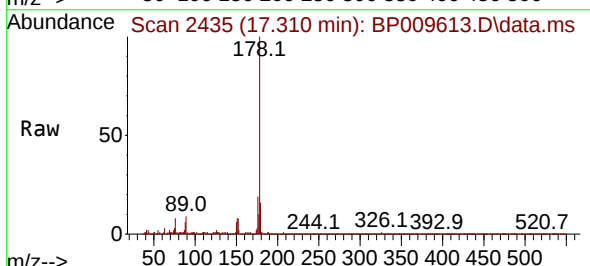
Tgt Ion:178 Resp: 407868

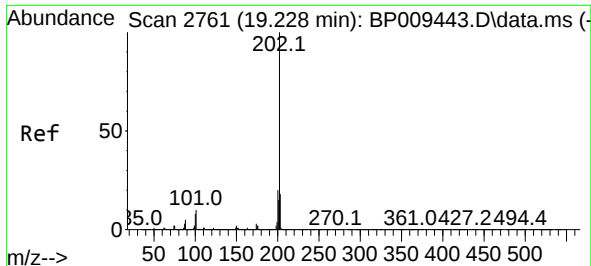
Ion Ratio Lower Upper

178 100

176 19.0 14.8 22.2

179 16.3 12.2 18.4

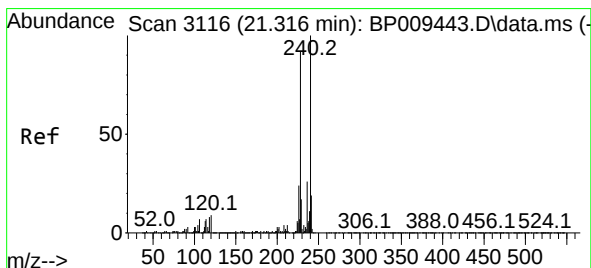
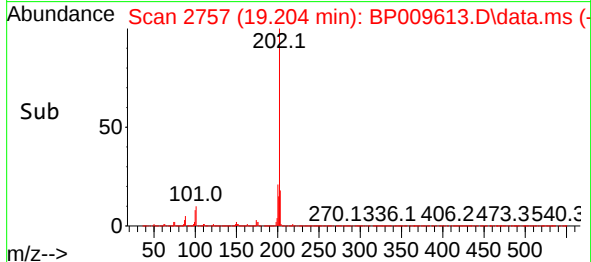
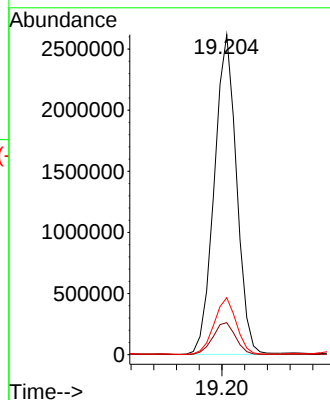
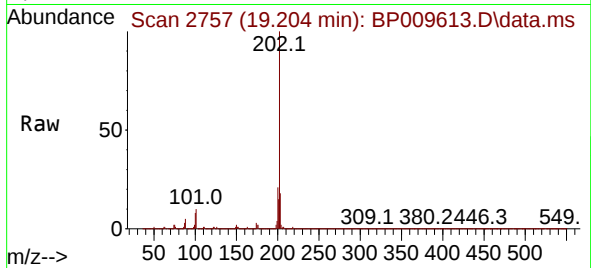




#75
Fluoranthene
Concen: 33.228 ng
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

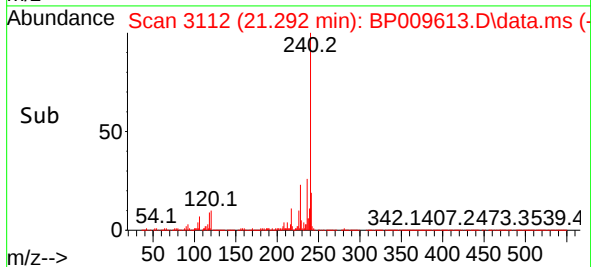
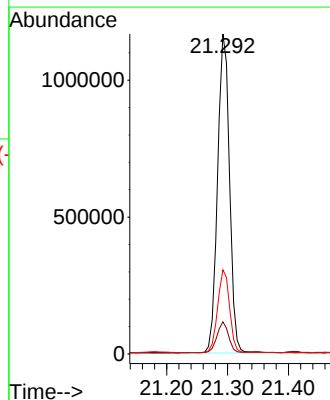
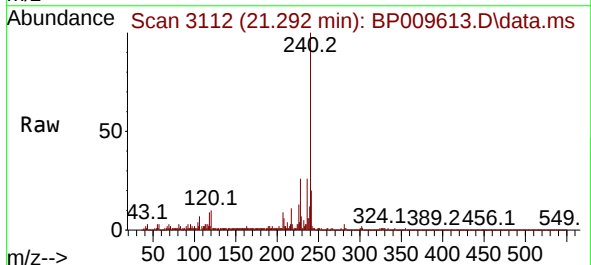
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

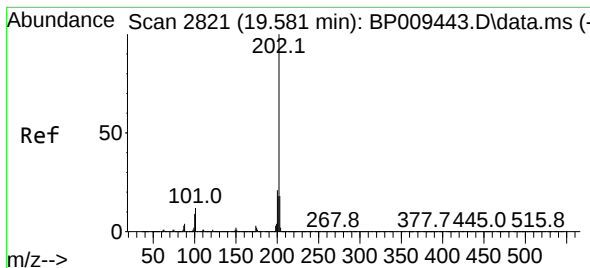
Tgt Ion:202 Resp: 3560619
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.8 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:240 Resp: 1584510
Ion Ratio Lower Upper
240 100
120 10.1 9.0 13.4
236 26.3 20.6 30.8





#78

Pyrene

Concen: 31.317 ng

RT: 19.557 min Scan# 2817

Delta R.T. 0.000 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

Instrument :

BNA_P

ClientSampleId :

SB-10-4.0-5.0

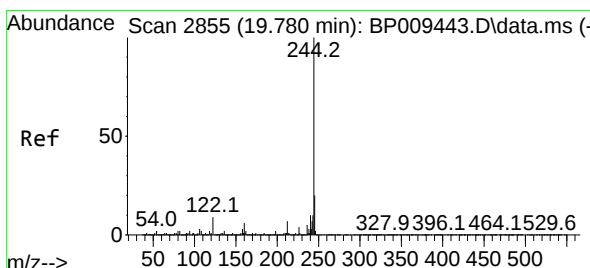
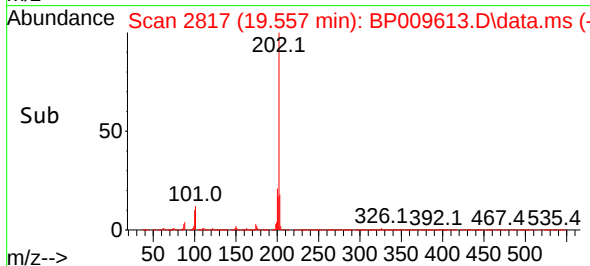
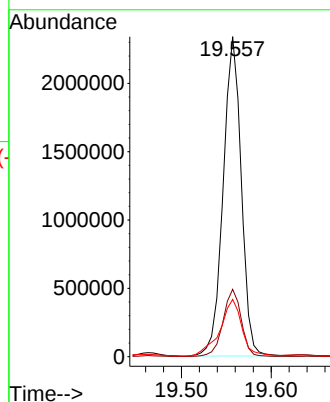
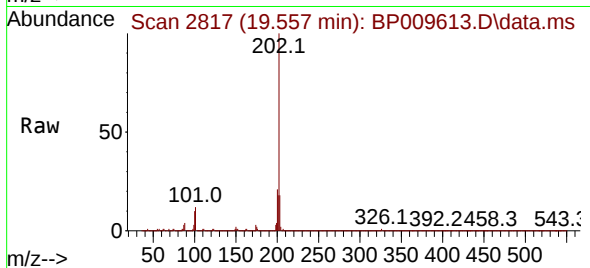
Tgt Ion:202 Resp: 3269864

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 8.446 ng

RT: 19.751 min Scan# 2850

Delta R.T. -0.006 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

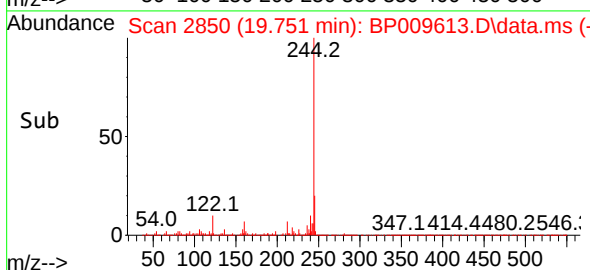
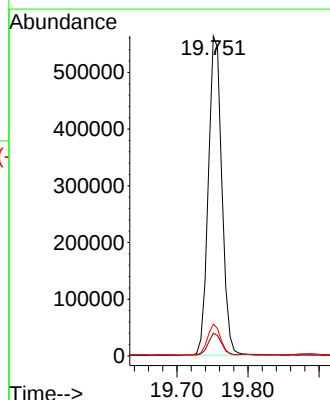
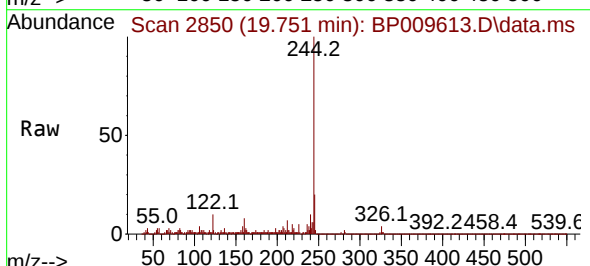
Tgt Ion:244 Resp: 745581

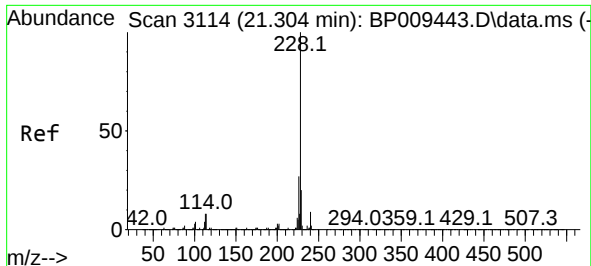
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.0 8.3 12.5

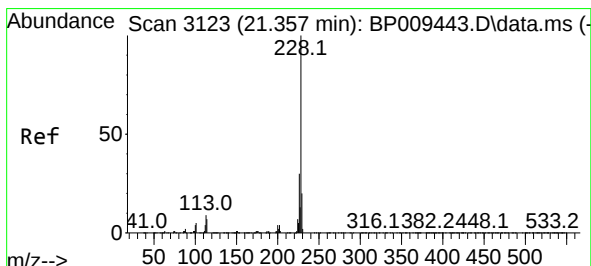
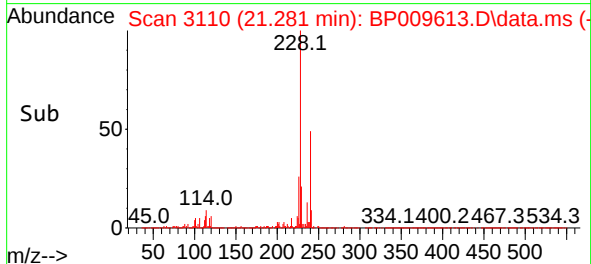
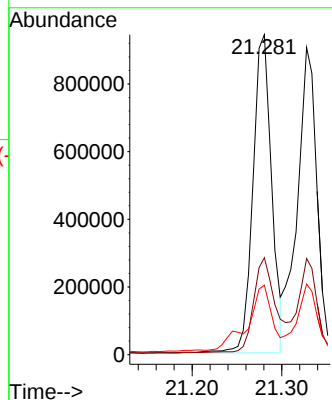
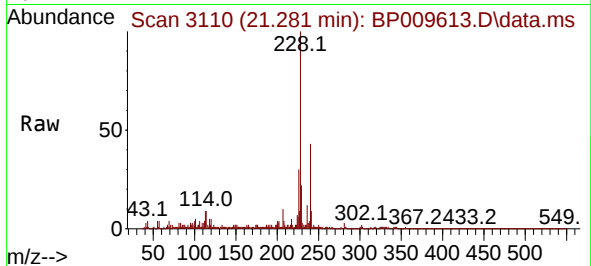




#81
Benzo(a)anthracene
Concen: 13.104 ng
RT: 21.281 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

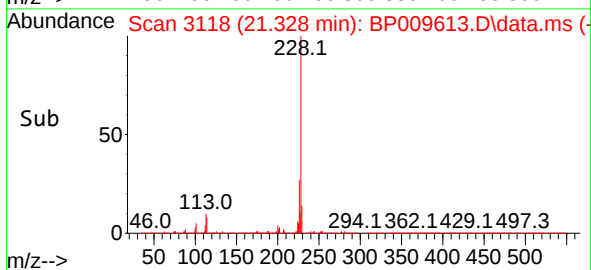
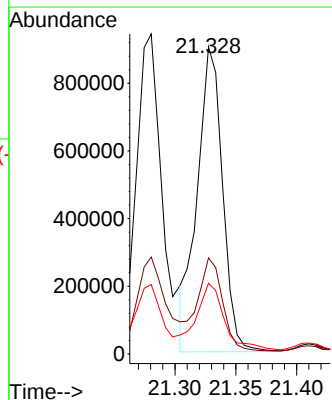
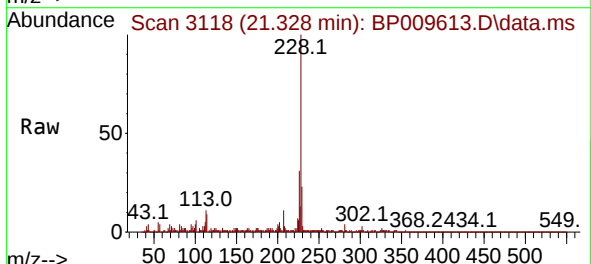
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

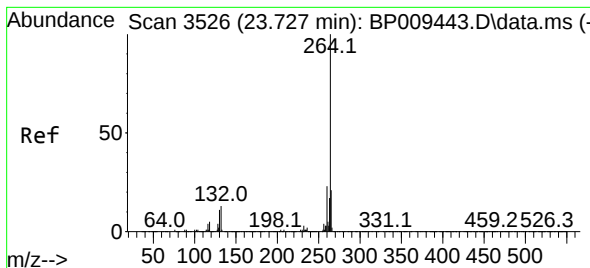
Tgt Ion:228 Resp: 1364194
Ion Ratio Lower Upper
228 100
226 30.3 22.0 33.0
229 21.7 16.1 24.1



#83
Chrysene
Concen: 13.281 ng
RT: 21.328 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:228 Resp: 1309129
Ion Ratio Lower Upper
228 100
226 31.3 24.2 36.2
229 23.0 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.692 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

Instrument :

BNA_P

ClientSampleId :

SB-10-4.0-5.0

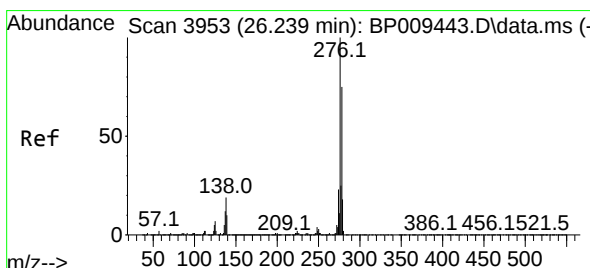
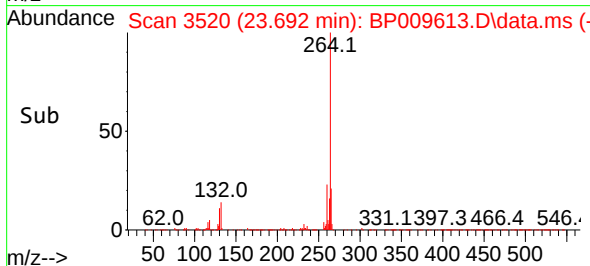
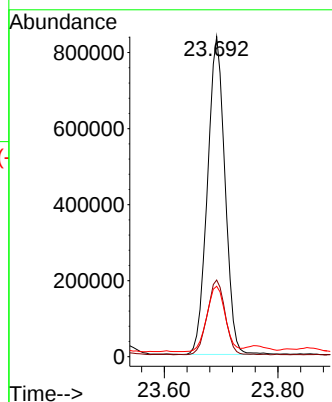
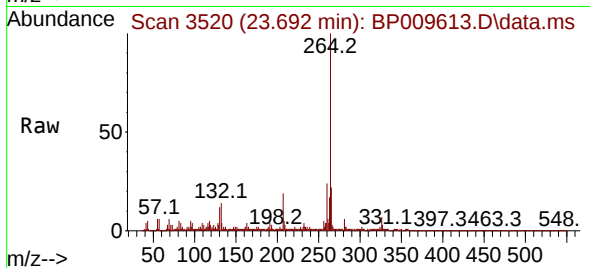
Tgt Ion:264 Resp: 1783900

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.0 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.461 ng

RT: 26.192 min Scan# 3945

Delta R.T. 0.012 min

Lab File: BP009613.D

Acq: 30 Mar 2022 01:47

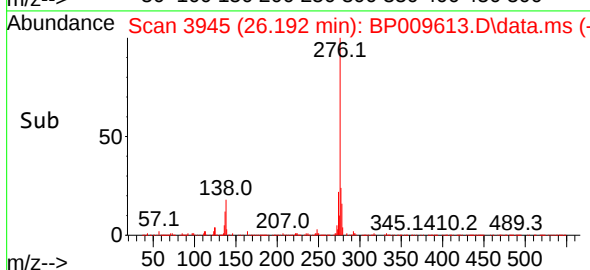
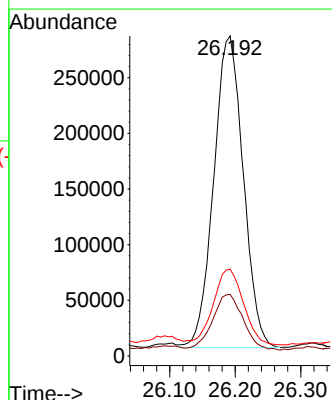
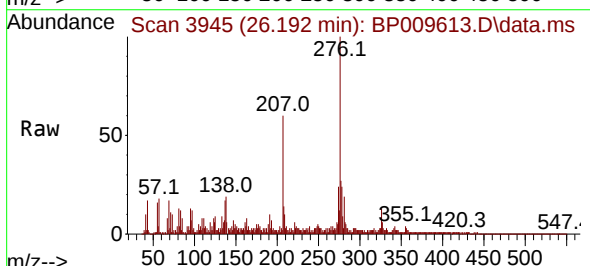
Tgt Ion:276 Resp: 874438

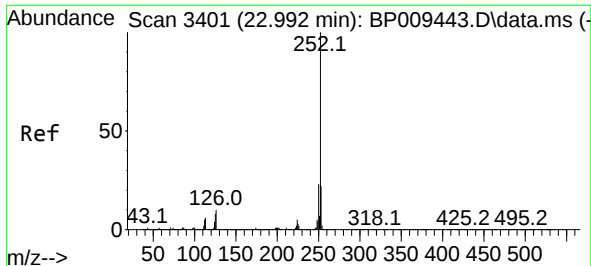
Ion Ratio Lower Upper

276 100

138 18.8 20.5 30.7#

277 24.7 20.4 30.6

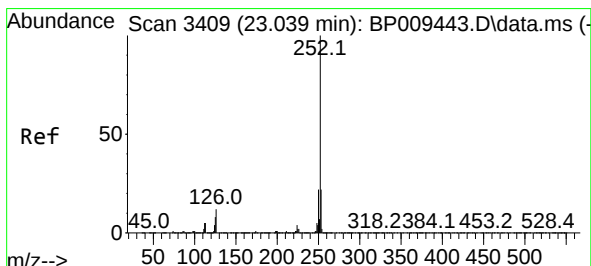
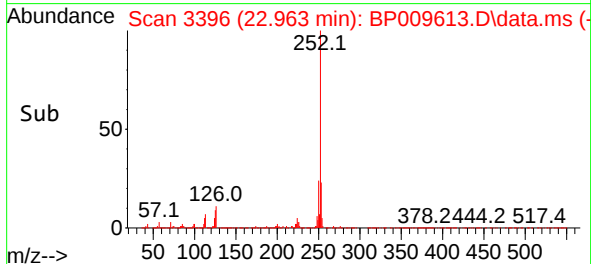
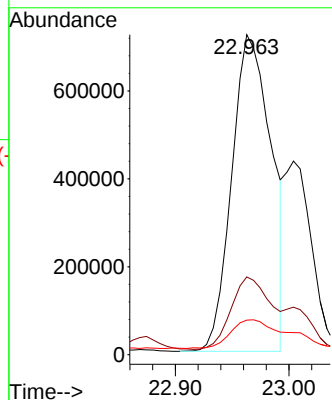
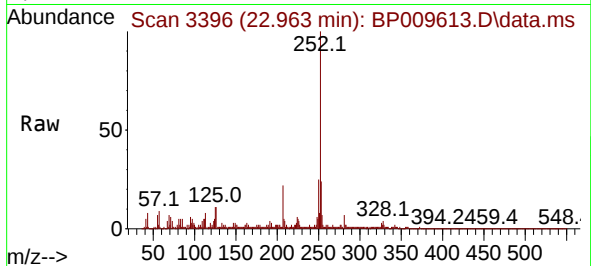




#88
Benzo(b)fluoranthene
Concen: 16.378 ng
RT: 22.963 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

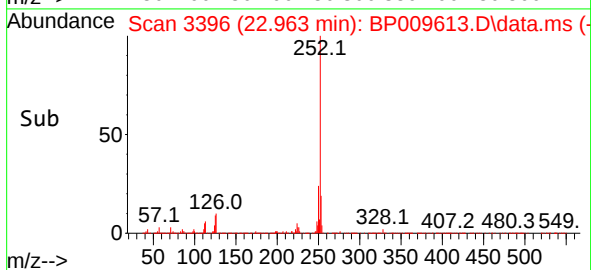
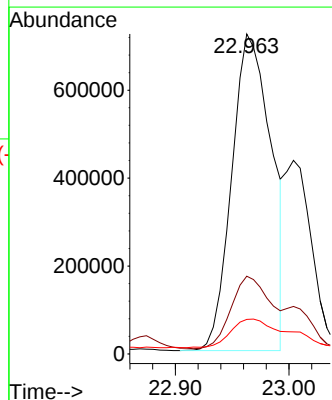
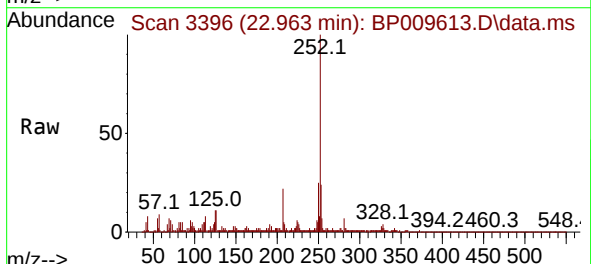
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

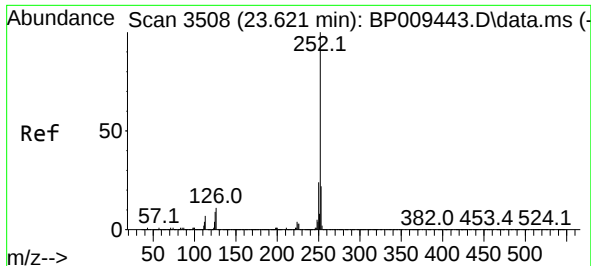
Tgt Ion:252 Resp: 1744158
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.8
125 10.8 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 16.728 ng
RT: 22.963 min Scan# 3396
Delta R.T. -0.041 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:252 Resp: 1744158
Ion Ratio Lower Upper
252 100
253 24.3 17.5 26.3
125 10.8 8.3 12.5

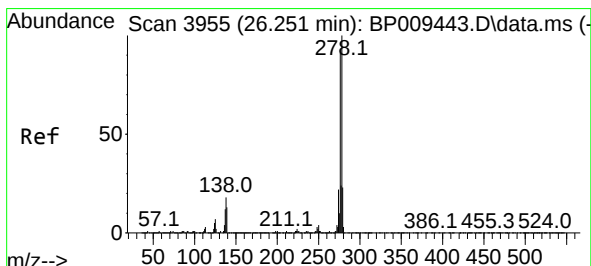
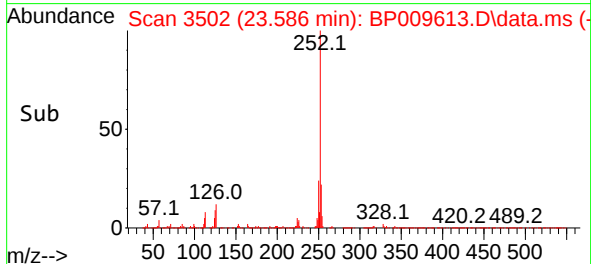
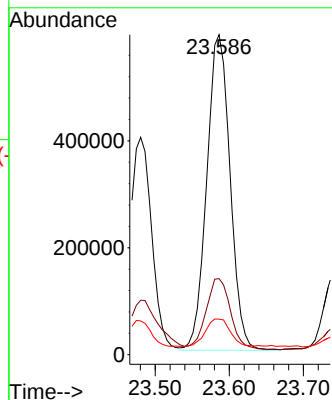
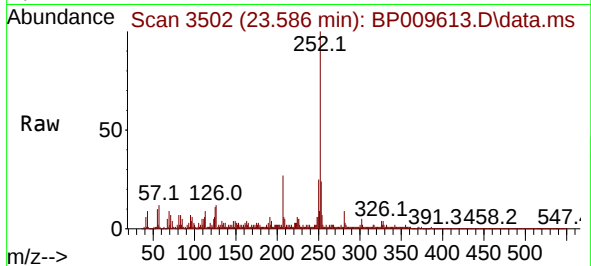




#90
Benzo(a)pyrene
Concen: 14.200 ng
RT: 23.586 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

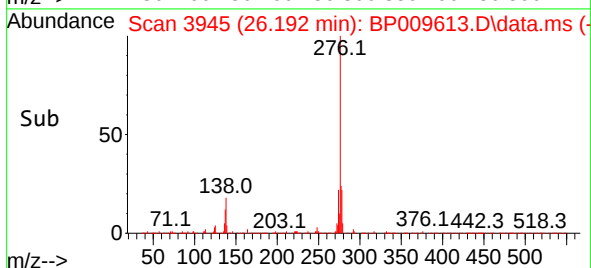
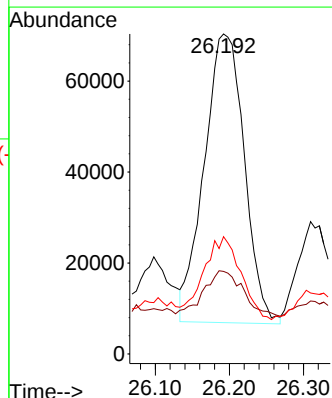
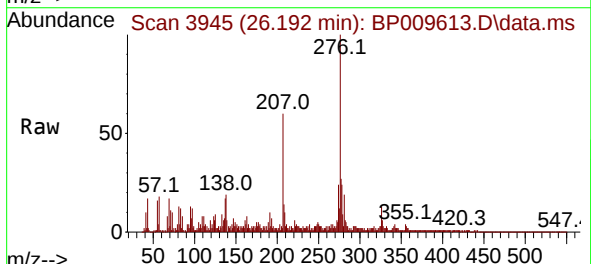
Instrument :
BNA_P
ClientSampleId :
SB-10-4.0-5.0

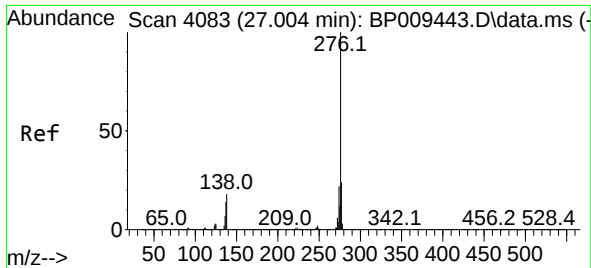
Tgt Ion:252 Resp: 1293825
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 11.1 9.3 13.9



#91
Dibenzo(a,h)anthracene
Concen: 2.113 ng
RT: 26.192 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BP009613.D
Acq: 30 Mar 2022 01:47

Tgt Ion:278 Resp: 238357
Ion Ratio Lower Upper
278 100
139 25.8 13.2 19.8#
279 36.7 19.2 28.8#





#92
 Benzo(g,h,i)perylene
 Concen: 7.978 ng
 RT: 26.957 min Scan# 4083
 Delta R.T. 0.012 min
 Lab File: BP009613.D
 Acq: 30 Mar 2022 01:47

Instrument :
 BNA_P
 ClientSampleId :
 SB-10-4.0-5.0

Tgt Ion:276 Resp: 885291
 Ion Ratio Lower Upper
 276 100
 277 27.9 19.2 28.8
 138 19.6 18.0 27.0

