

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009668.D
 Acq On : 01 Apr 2022 20:53
 Operator : CG/JU
 Sample : N2219-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Quant Time: Apr 01 22:45:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 31 04:36:51 2022
 Response via : Initial Calibration

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

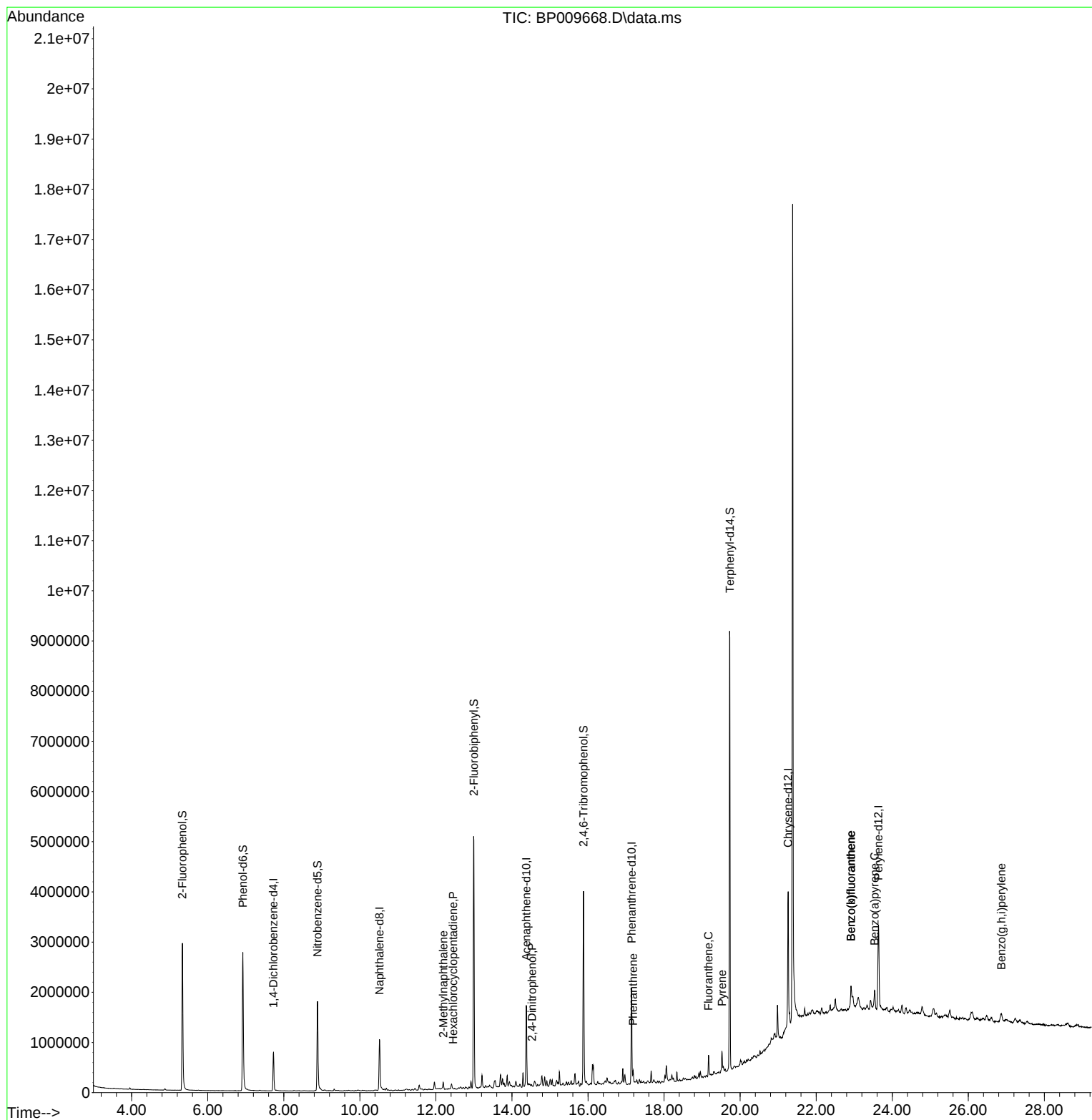
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	244675	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	969403	20.000	ng	-0.02
39) Acenaphthene-d10	14.375	164	602509	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	1258065	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1275774	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1367203	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1553311	110.840	ng	-0.01
7) Phenol-d6	6.922	99	1968068	103.845	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1261783	69.168	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	845334	85.023	ng	-0.01
45) 2-Fluorobiphenyl	12.999	172	2905927	66.861	ng	-0.01
79) Terphenyl-d14	19.728	244	4635728	65.220	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.916	77	4846	Below Cal	#	19
37) 2-Methylnaphthalene	12.193	142	75492	2.155	ng	95
41) Hexachlorocyclopentadiene	12.451	237	28	7.291	ng	84
54) 2,4-Dinitrophenol	14.528	184	32	4.538	ng	# 1
71) Phenanthrene	17.187	178	170496	2.532	ng	99
75) Fluoranthene	19.169	202	251198	3.081	ng	98
78) Pyrene	19.522	202	250043	2.974	ng	97
88) Benzo(b)fluoranthene	22.916	252	304705	3.733	ng	# 82
89) Benzo(k)fluoranthene	22.916	252	304705	3.813	ng	# 81
90) Benzo(a)pyrene	23.533	252	164400	2.354	ng	# 86
92) Benzo(g,h,i)perylene	26.868	276	216152	2.542	ng	# 90

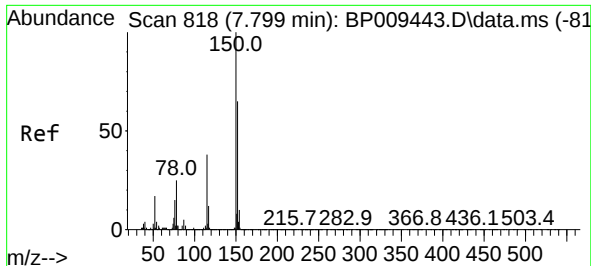
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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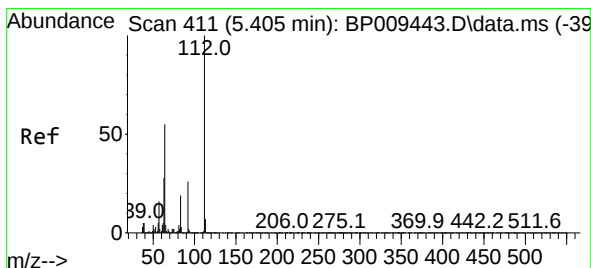
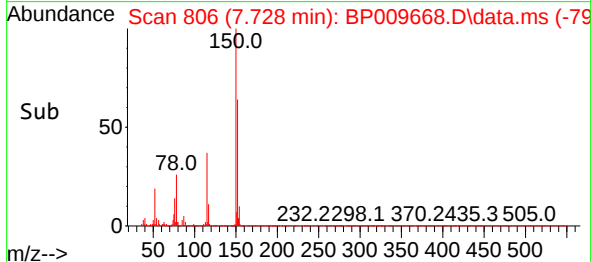
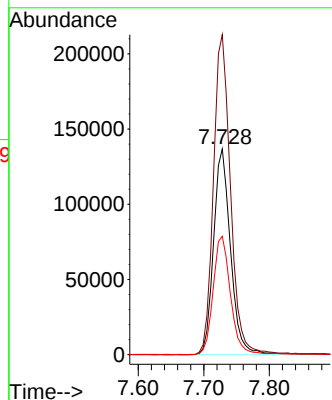
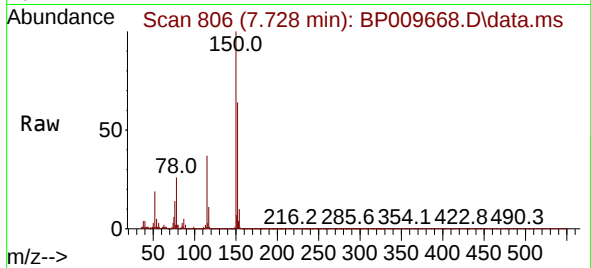




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 806
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

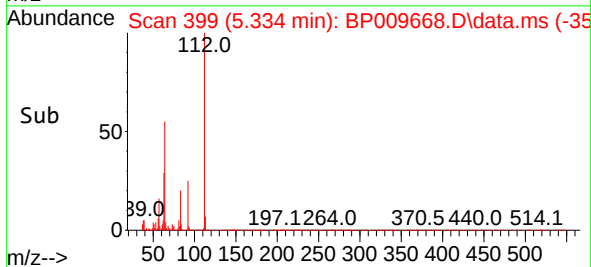
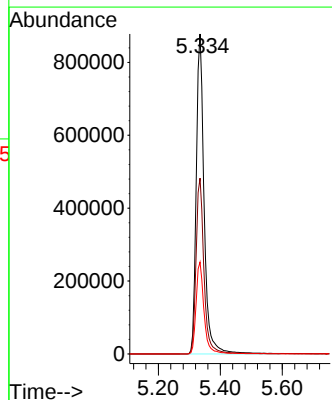
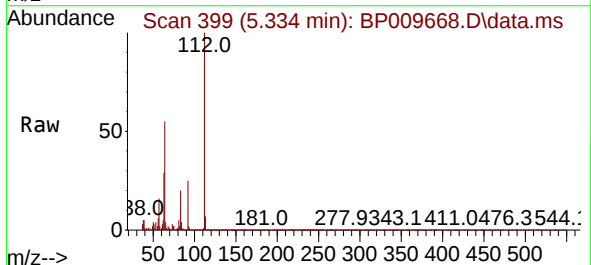
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

Tgt Ion:152 Resp: 244675
 Ion Ratio Lower Upper
 152 100
 150 155.5 124.5 186.7
 115 57.5 48.2 72.4



#5
 2-Fluorophenol
 Concen: 110.840 ng
 RT: 5.334 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

Tgt Ion:112 Resp: 1553311
 Ion Ratio Lower Upper
 112 100
 64 54.9 45.0 67.4
 63 28.7 23.0 34.6

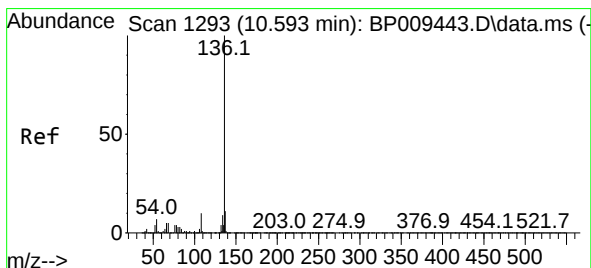
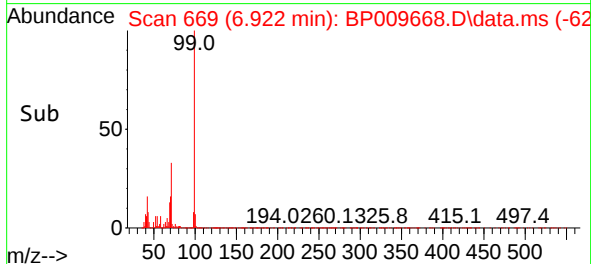
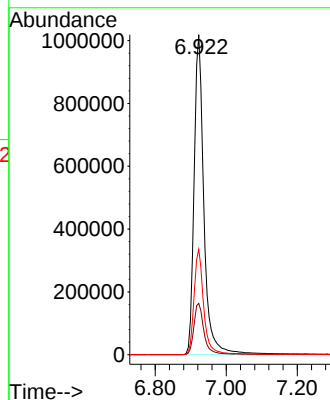
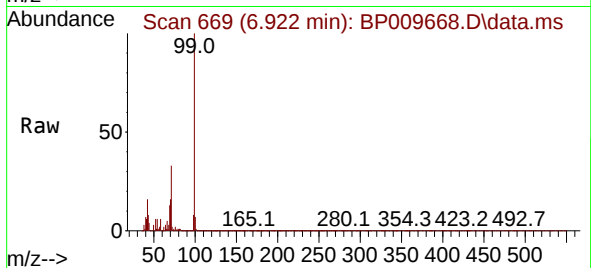




#7
Phenol-d6
Concen: 103.845 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

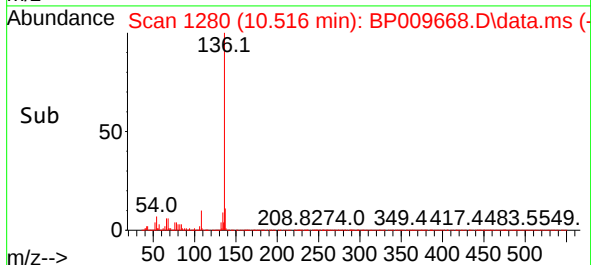
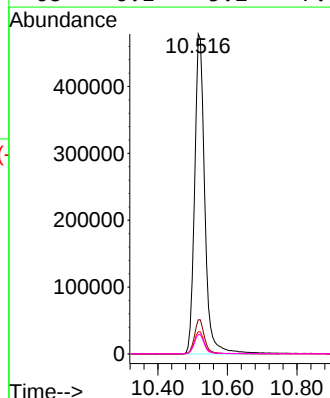
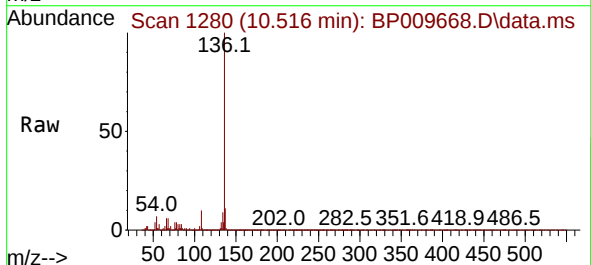
Instrument :
BNA_P
ClientSampleId :
TP-3

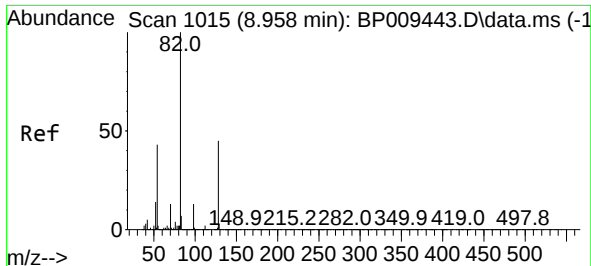
Tgt Ion: 99 Resp: 1968068
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.017 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:136 Resp: 969403
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.0 5.8 8.8
68 6.1 5.2 7.8

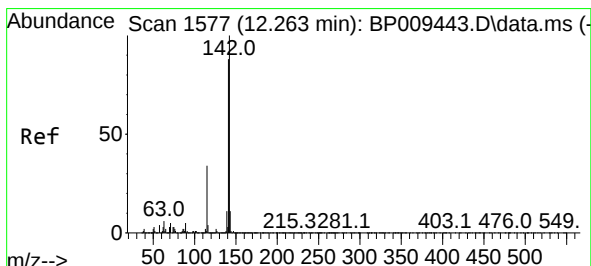
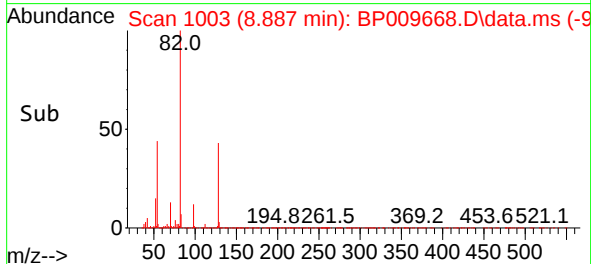
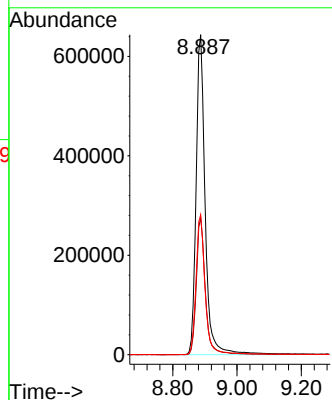
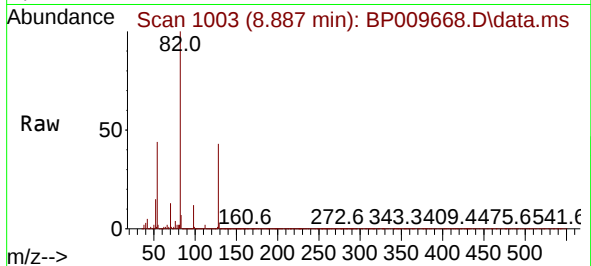




#23
Nitrobenzene-d5
Concen: 69.168 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

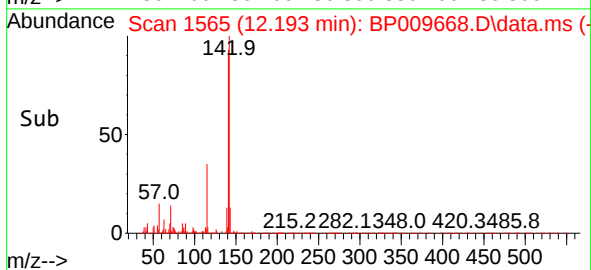
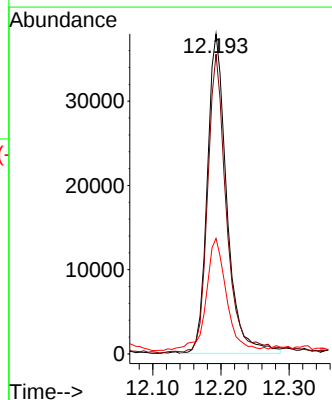
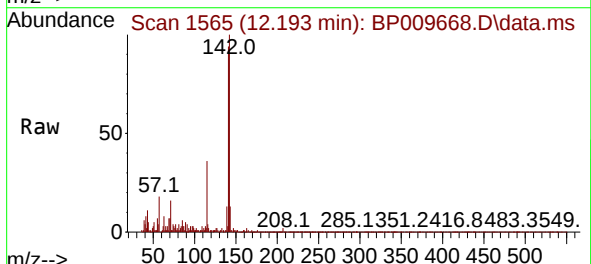
Instrument :
BNA_P
ClientSampleId :
TP-3

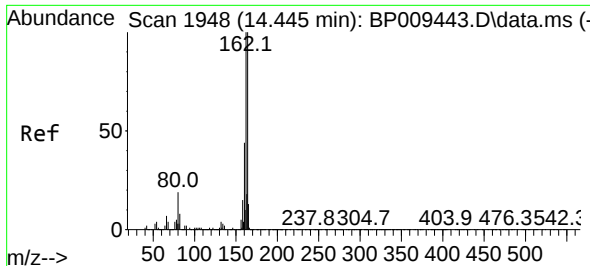
Tgt Ion: 82 Resp: 1261783
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 43.7 34.7 52.1



#37
2-Methylnaphthalene
Concen: 2.155 ng
RT: 12.193 min Scan# 1565
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion: 142 Resp: 75492
Ion Ratio Lower Upper
142 100
141 93.7 70.2 105.4
115 36.1 27.4 41.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1948

Delta R.T. -0.018 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

Instrument :

BNA_P

ClientSampleId :

TP-3

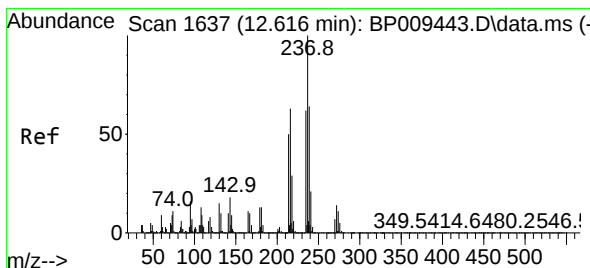
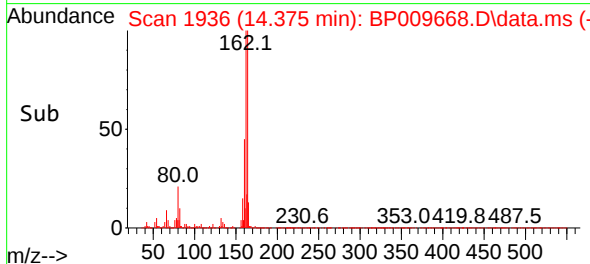
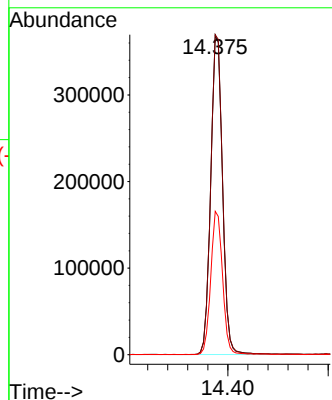
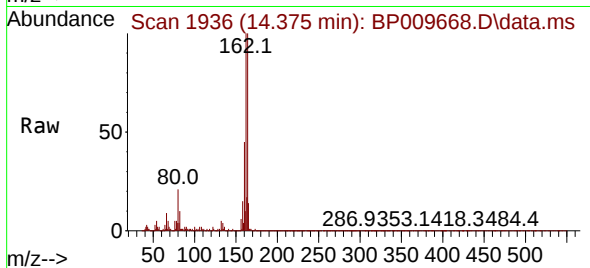
Tgt Ion:164 Resp: 602509

Ion Ratio Lower Upper

164 100

162 100.2 79.1 118.7

160 44.9 34.9 52.3



#41

Hexachlorocyclopentadiene

Concen: 7.291 ng

RT: 12.451 min Scan# 1609

Delta R.T. -0.106 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

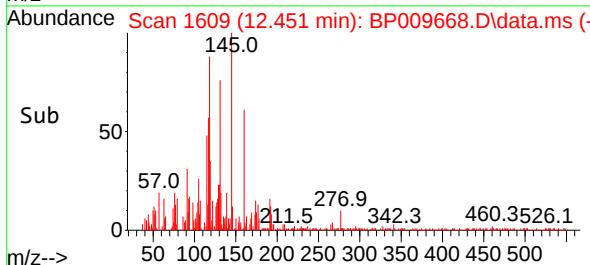
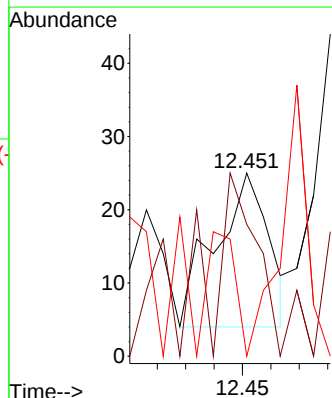
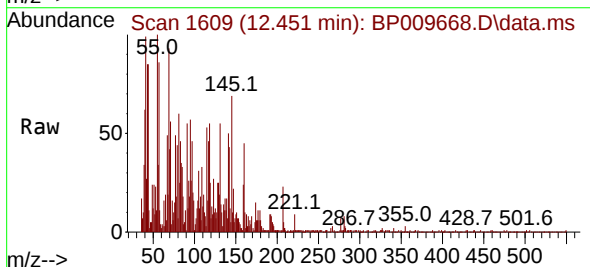
Tgt Ion:237 Resp: 28

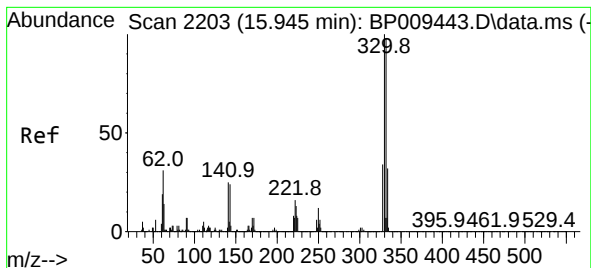
Ion Ratio Lower Upper

237 100

235 72.0 42.6 82.6

272 0.0 0.0 32.8





#42

2,4,6-Tribromophenol

Concen: 85.023 ng

RT: 15.881 min Scan# 2192

Delta R.T. -0.012 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

Instrument :

BNA_P

ClientSampleId :

TP-3

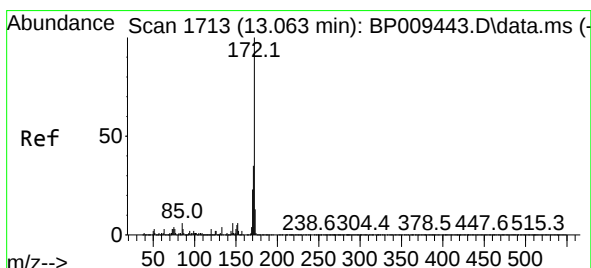
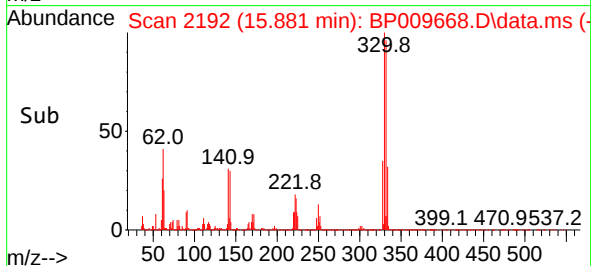
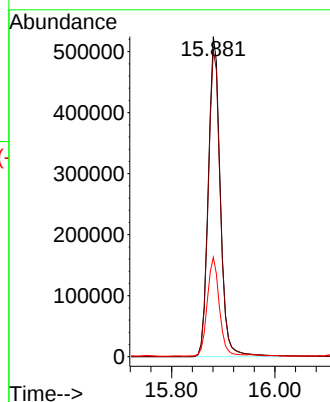
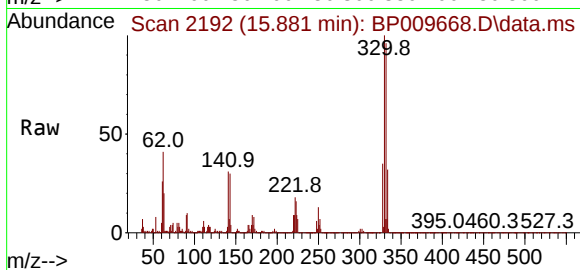
Tgt Ion:330 Resp: 845334

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

141 30.9 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 66.861 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.012 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

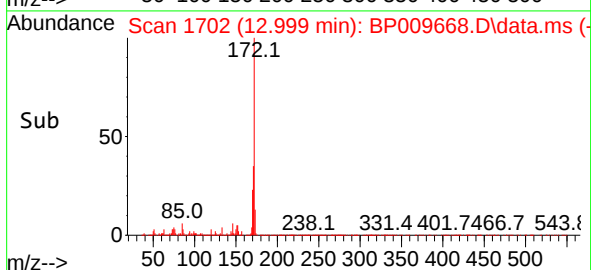
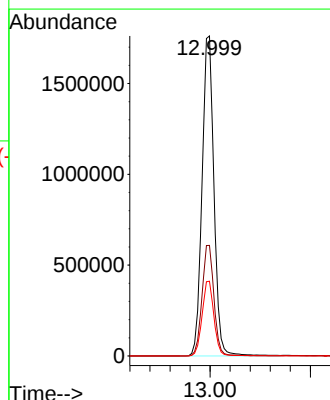
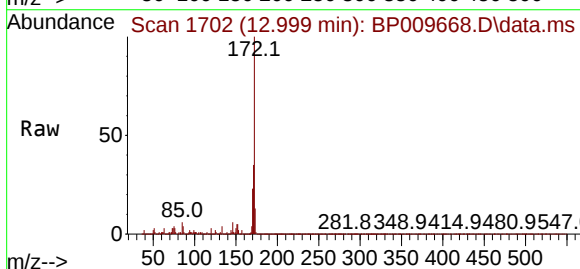
Tgt Ion:172 Resp: 2905927

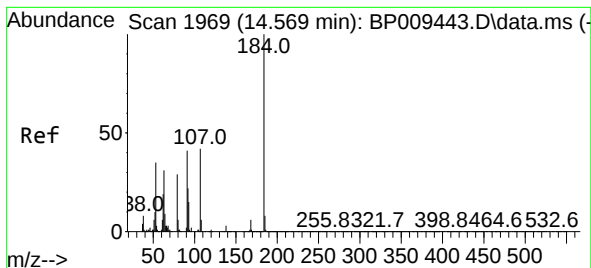
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.4 18.6 27.8





#54

2,4-Dinitrophenol

Concen: 4.538 ng

RT: 14.528 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

Instrument :

BNA_P

ClientSampleId :

TP-3

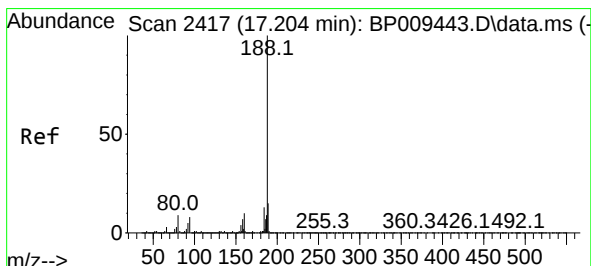
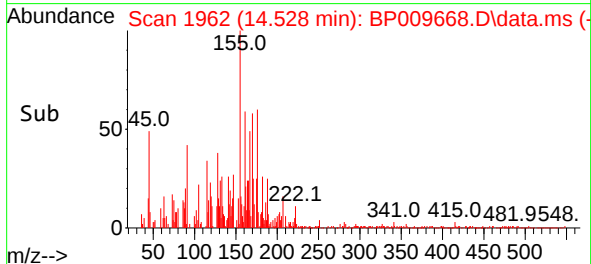
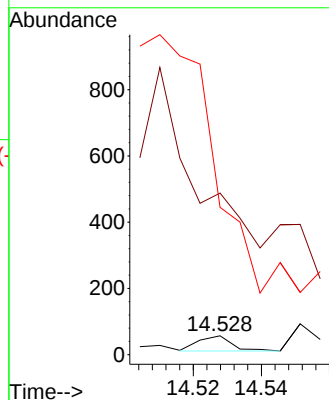
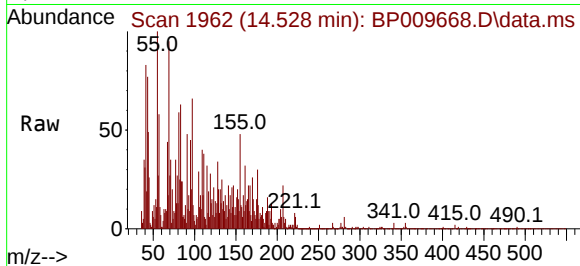
Tgt Ion:184 Resp: 32

Ion Ratio Lower Upper

184 100

63 856.1 46.3 69.5#

154 780.7 45.8 68.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2407

Delta R.T. -0.012 min

Lab File: BP009668.D

Acq: 01 Apr 2022 20:53

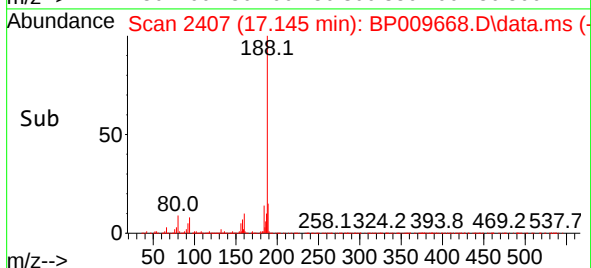
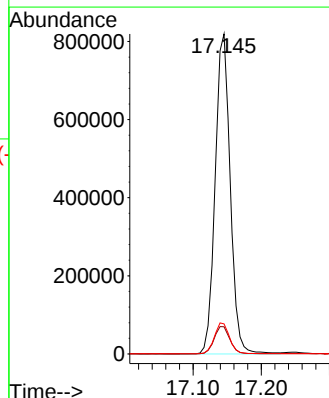
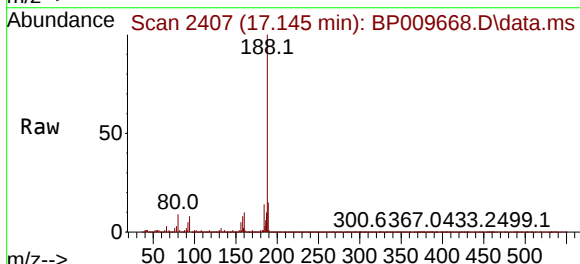
Tgt Ion:188 Resp: 1258065

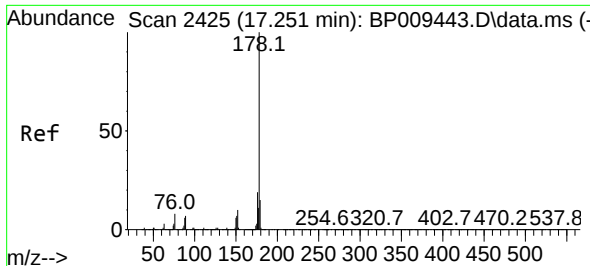
Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.4 8.8 13.2

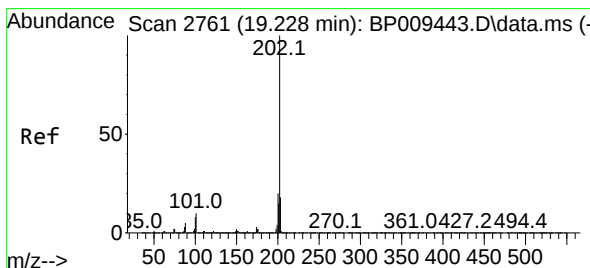
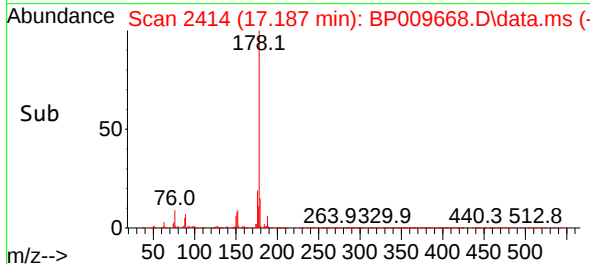
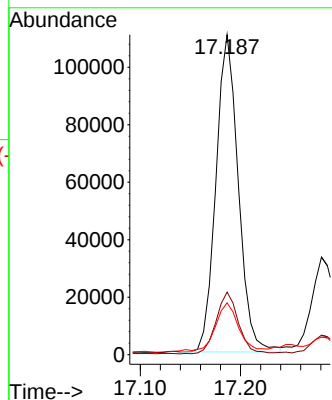
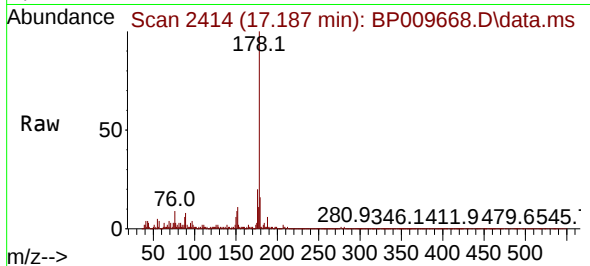




#71
Phenanthrene
Concen: 2.532 ng
RT: 17.187 min Scan# 2425
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

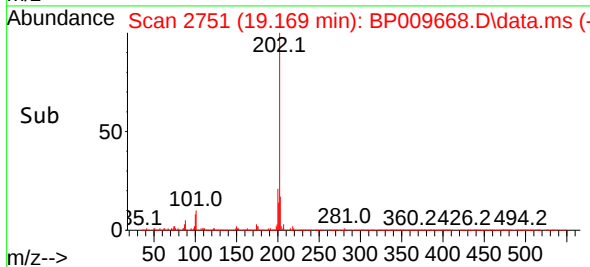
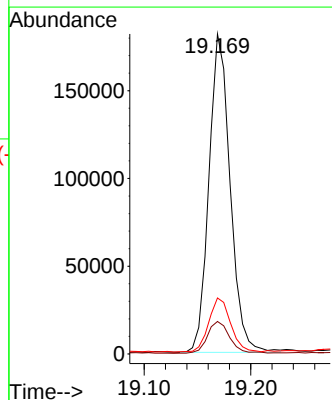
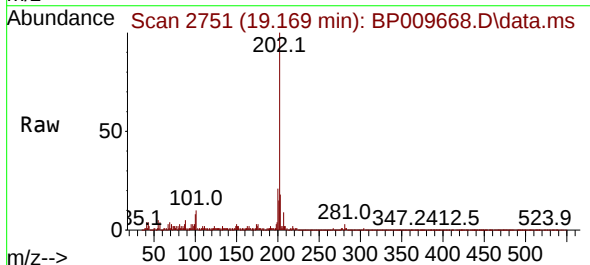
Instrument :
BNA_P
ClientSampleId :
TP-3

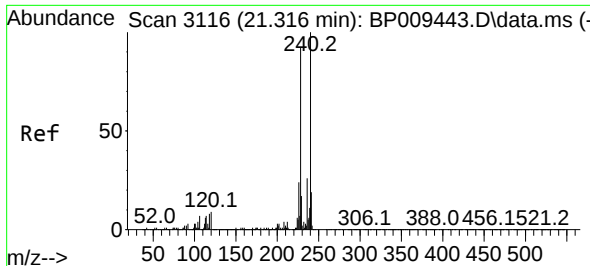
Tgt Ion:178 Resp: 170496
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.2 12.3 18.5



#75
Fluoranthene
Concen: 3.081 ng
RT: 19.169 min Scan# 2751
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:202 Resp: 251198
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.5
203 17.5 0.0 37.8

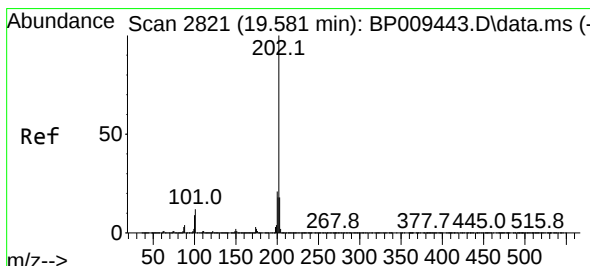
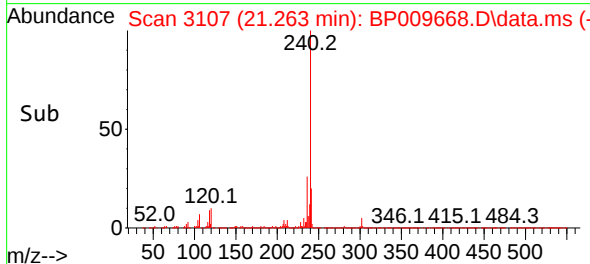
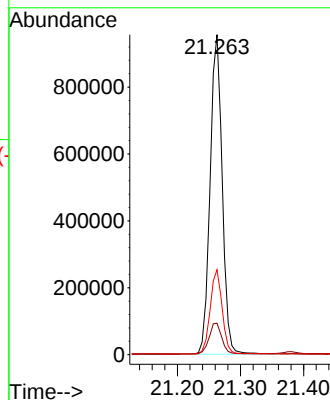
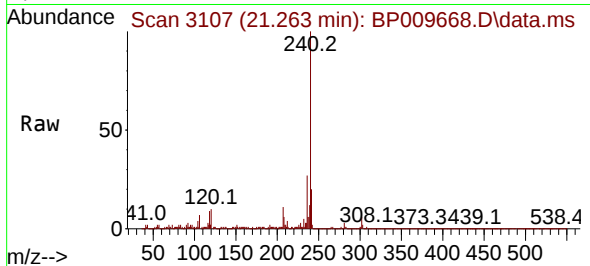




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

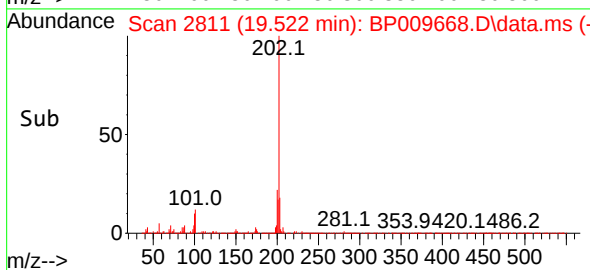
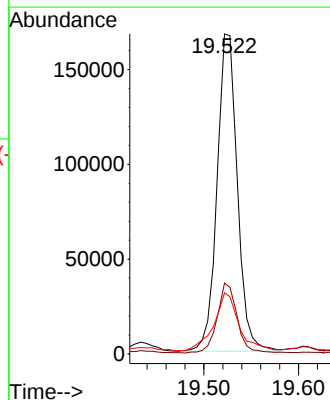
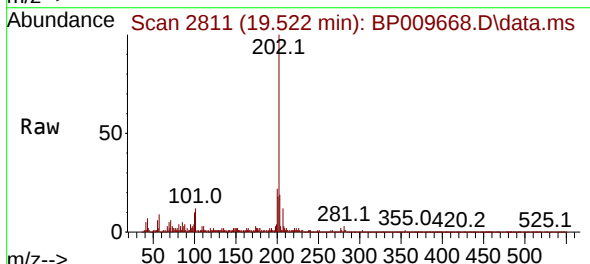
Instrument :
BNA_P
ClientSampleId :
TP-3

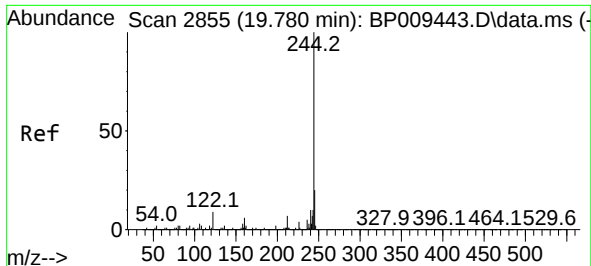
Tgt Ion:240 Resp: 1275774
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 26.6 20.6 30.8



#78
Pyrene
Concen: 2.974 ng
RT: 19.522 min Scan# 2811
Delta R.T. -0.018 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:202 Resp: 250043
Ion Ratio Lower Upper
202 100
200 22.2 16.8 25.2
203 19.1 14.2 21.4

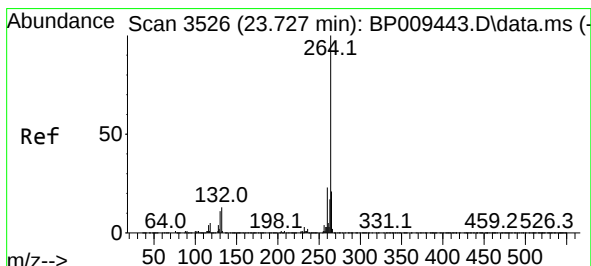
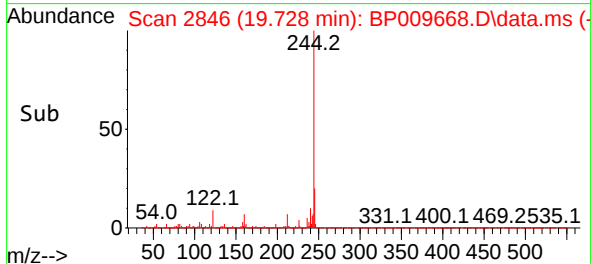
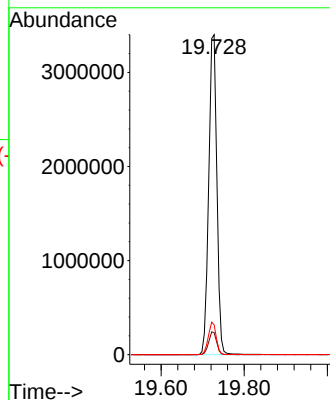
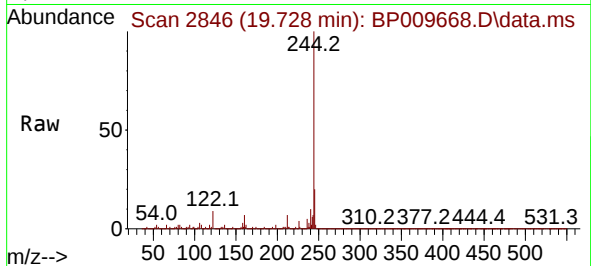




#79
 Terphenyl-d14
 Concen: 65.220 ng
 RT: 19.728 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

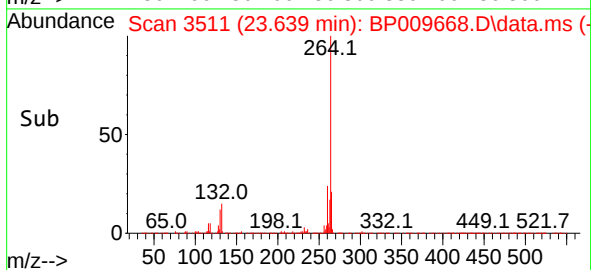
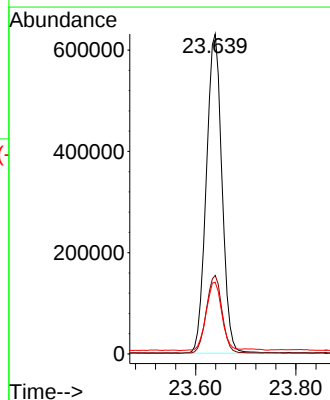
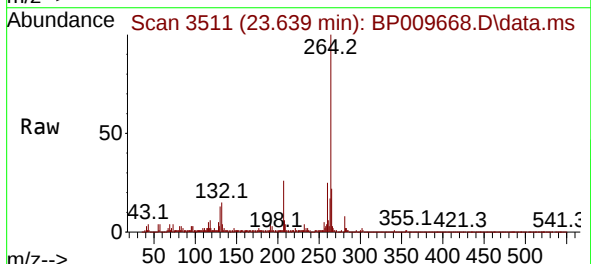
Instrument :
 BNA_P
 ClientSampleId :
 TP-3

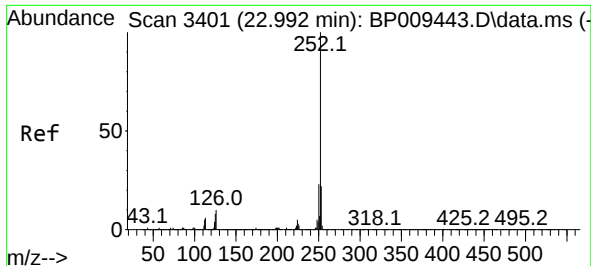
Tgt Ion:244 Resp: 4635728
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 9.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BP009668.D
 Acq: 01 Apr 2022 20:53

Tgt Ion:264 Resp: 1367203
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.4 29.0
 265 22.4 17.2 25.8

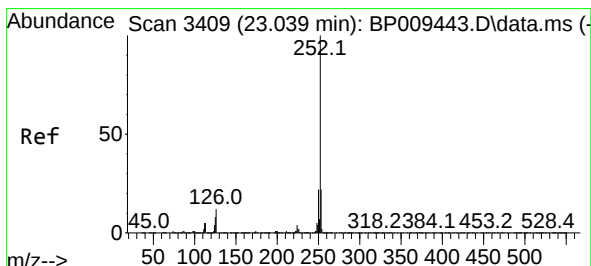
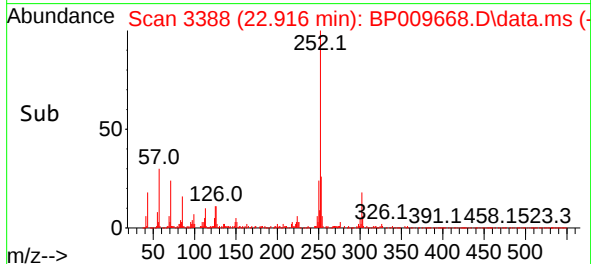
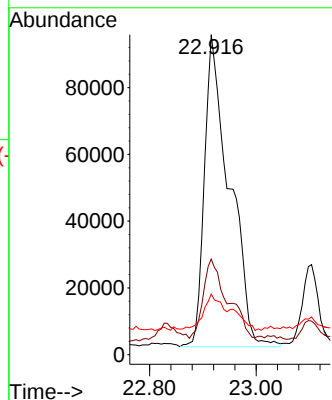
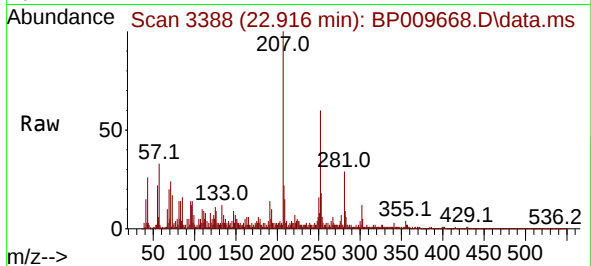




#88
Benzo(b)fluoranthene
Concen: 3.733 ng
RT: 22.916 min Scan# 3188
Delta R.T. -0.012 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

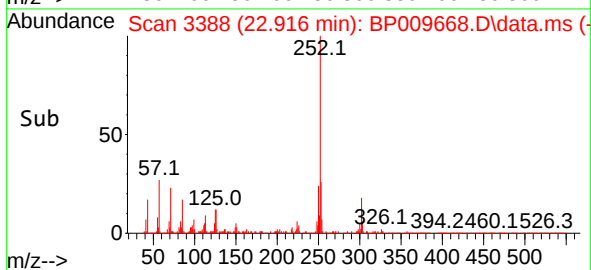
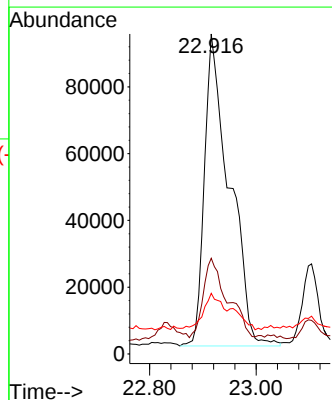
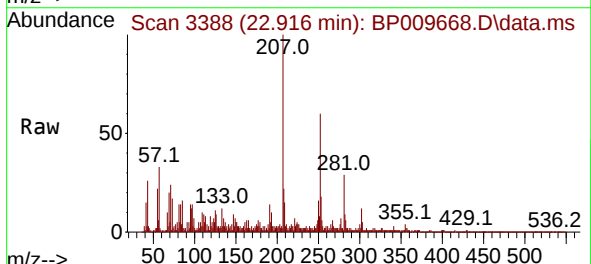
Instrument :
BNA_P
ClientSampleId :
TP-3

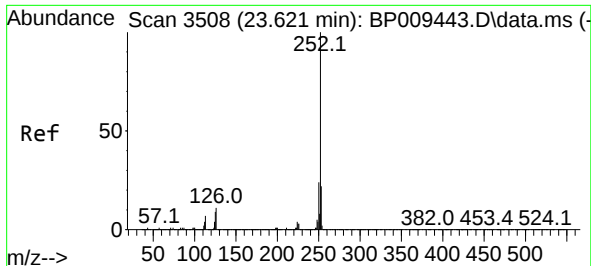
Tgt Ion:252 Resp: 304705
Ion Ratio Lower Upper
252 100
253 29.9 17.8 26.8#
125 19.0 8.1 12.1#



#89
Benzo(k)fluoranthene
Concen: 3.813 ng
RT: 22.916 min Scan# 3388
Delta R.T. -0.065 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:252 Resp: 304705
Ion Ratio Lower Upper
252 100
253 29.9 17.5 26.3#
125 19.0 8.3 12.5#

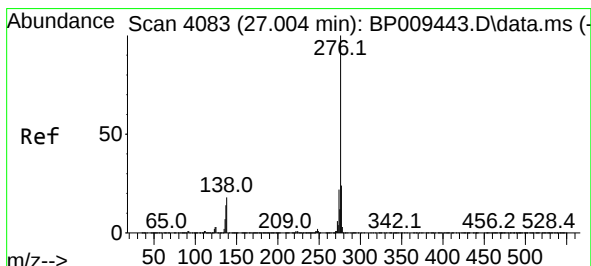
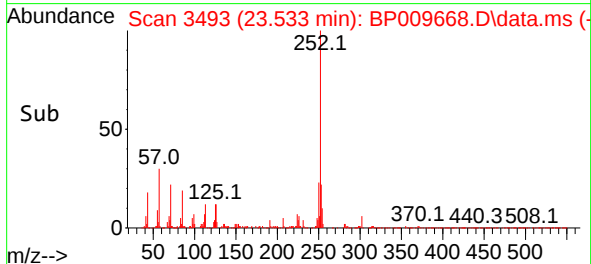
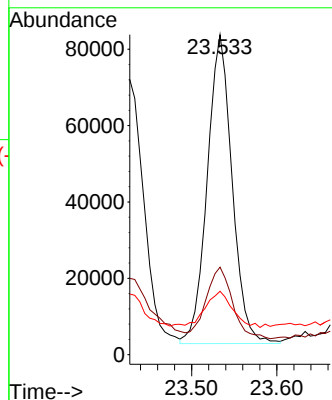
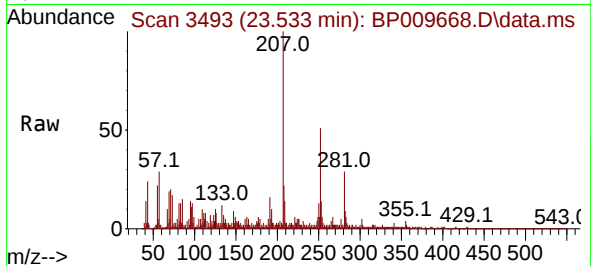




#90
Benzo(a)pyrene
Concen: 2.354 ng
RT: 23.533 min Scan# 34
Delta R.T. -0.017 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Instrument :
BNA_P
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 164400
Ion Ratio Lower Upper
252 100
253 27.3 17.8 26.6#
125 19.8 9.3 13.9#



#92
Benzo(g,h,i)perylene
Concen: 2.542 ng
RT: 26.868 min Scan# 4060
Delta R.T. -0.029 min
Lab File: BP009668.D
Acq: 01 Apr 2022 20:53

Tgt Ion:276 Resp: 216152
Ion Ratio Lower Upper
276 100
277 33.6 19.2 28.8#
138 22.7 18.0 27.0

