

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008997.D
 Acq On : 01 Feb 2022 20:56
 Operator : CG/JU
 Sample : N1325-10 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TES-4

Quant Time: Feb 02 04:07:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 01 04:16:03 2022
 Response via : Initial Calibration

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

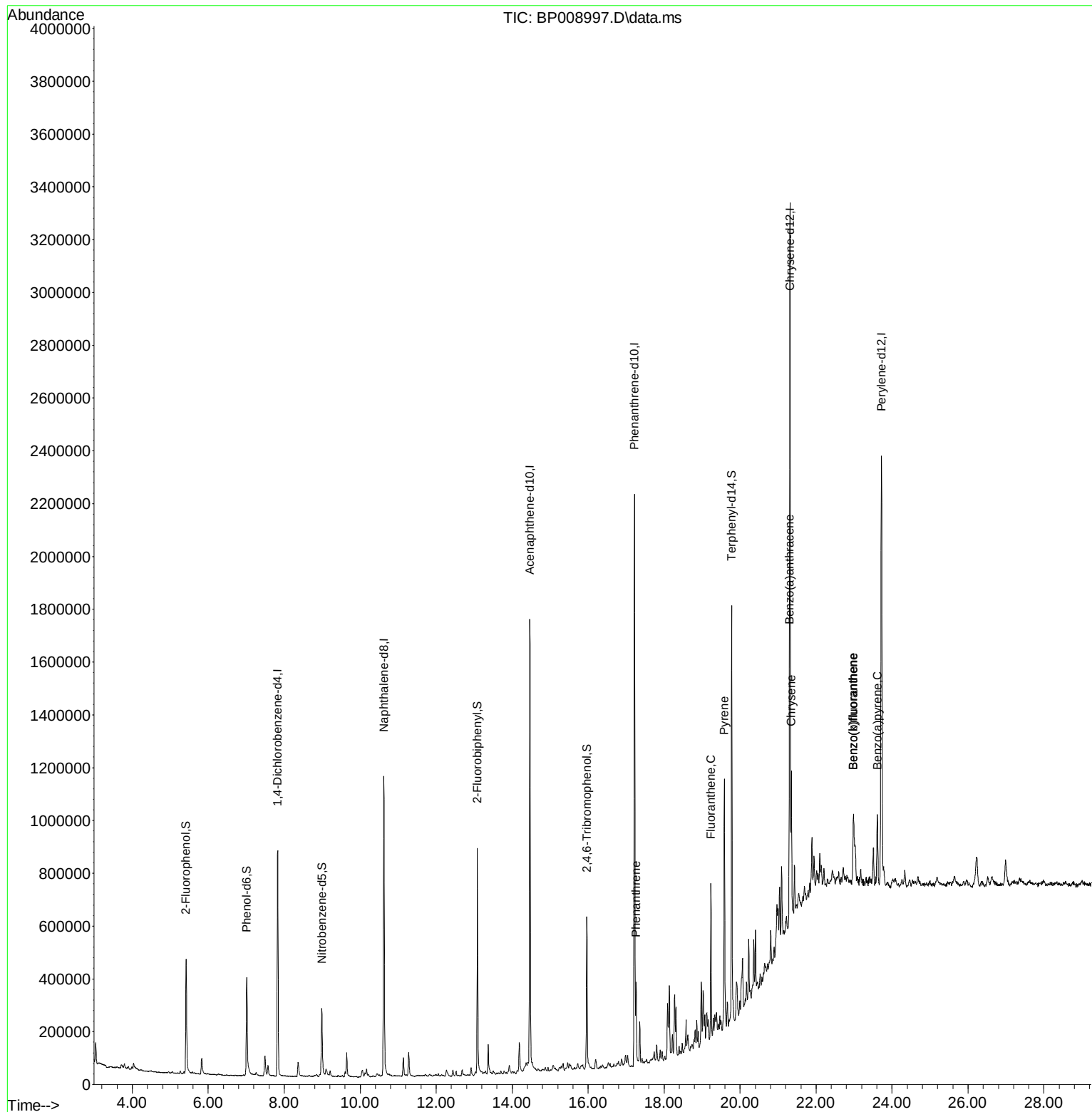
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	264868	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1034039	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	669738	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1356204	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1310430	20.000	ng	-0.01
86) Perylene-d12	23.721	264	1333867	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	240739	14.055	ng	0.00
7) Phenol-d6	7.010	99	304763	14.694	ng	0.00
23) Nitrobenzene-d5	8.987	82	184349	10.122	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	140778	14.441	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	522058	10.280	ng	-0.01
79) Terphenyl-d14	19.780	244	768759	9.902	ng	-0.02
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	202771	2.656	ng	97
75) Fluoranthene	19.233	202	316723	3.730	ng	99
78) Pyrene	19.586	202	577398	6.315	ng	96
81) Benzo(a)anthracene	21.298	228	277555	3.148	ng	100
83) Chrysene	21.351	228	310908	3.638	ng	98
88) Benzo(b)fluoranthene	22.986	252	256536	2.880	ng	98
89) Benzo(k)fluoranthene	22.986	252	256536	2.975	ng	99
90) Benzo(a)pyrene	23.615	252	208410	2.424	ng	98

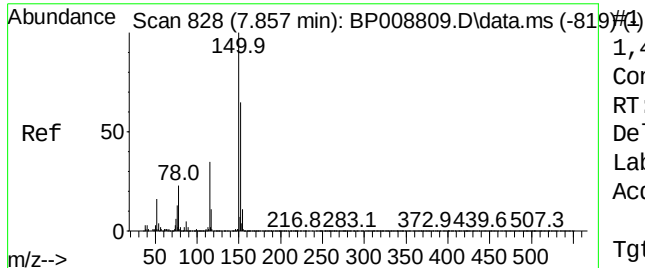
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
Data File : BP008997.D
Acq On : 01 Feb 2022 20:56
Operator : CG/JU
Sample : N1325-10 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TES-4

Quant Time: Feb 02 04:07:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 01 04:16:03 2022
Response via : Initial Calibration





1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.828 min Scan# 819

Delta R.T. -0.006 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

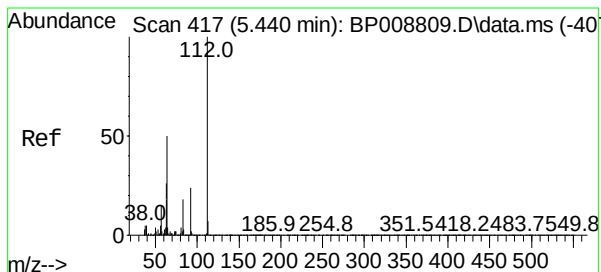
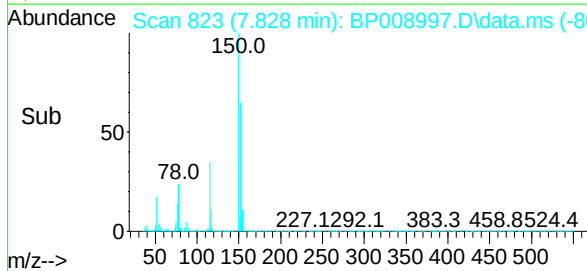
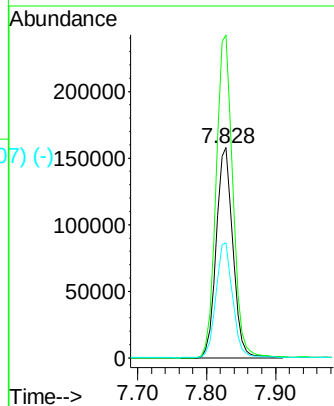
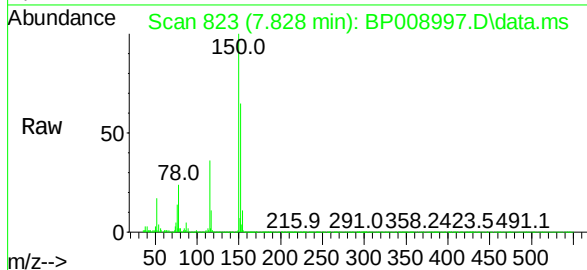
Tgt Ion:152 Resp: 264868

Ion Ratio Lower Upper

152 100

150 153.5 127.0 190.6

115 54.7 43.7 65.5



2-Fluorophenol

Concen: 14.055 ng

RT: 5.416 min Scan# 413

Delta R.T. -0.006 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

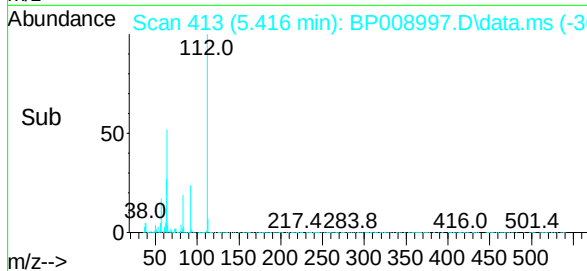
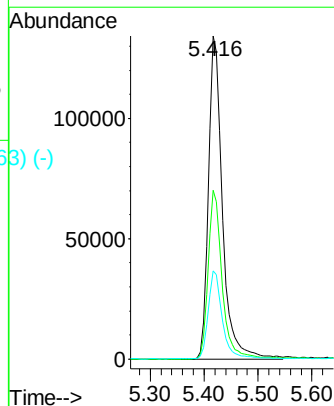
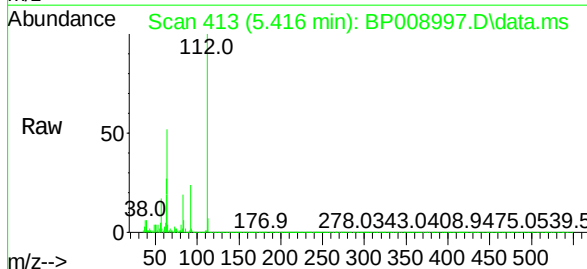
Tgt Ion:112 Resp: 240739

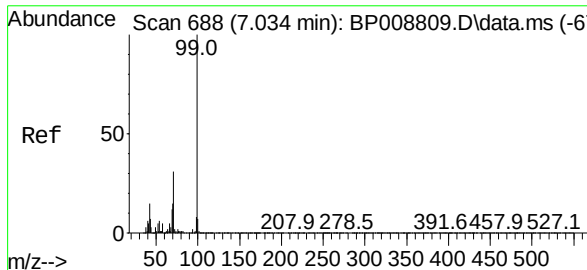
Ion Ratio Lower Upper

112 100

64 52.3 39.7 59.5

63 27.4 20.0 30.0





Phenol-d6

Concen: 14.694 ng

RT: 7.010 min Scan#

Delta R.T. -0.006 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

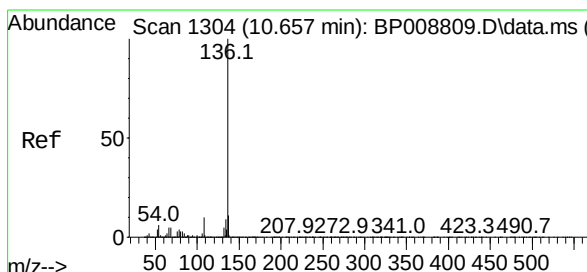
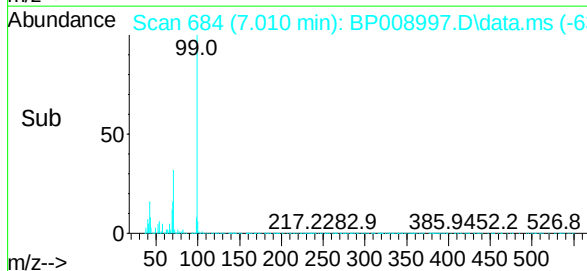
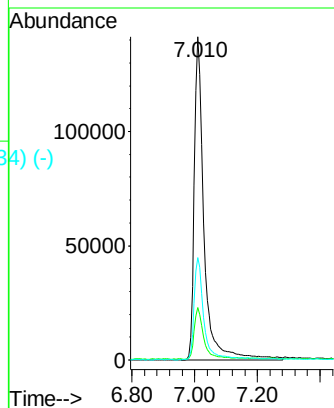
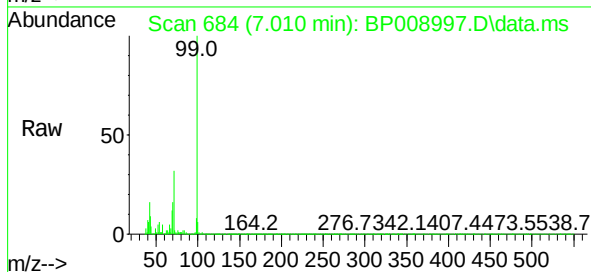
Tgt Ion: 99 Resp: 304763

Ion Ratio Lower Upper

99 100

42 16.3 10.8 16.2#

71 31.6 23.8 35.6



Naphthalene-d8

Concen: 20.000 ng

RT: 10.622 min Scan# 1298

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Tgt Ion: 136 Resp: 1034039

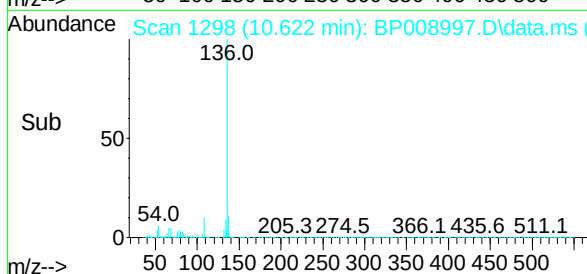
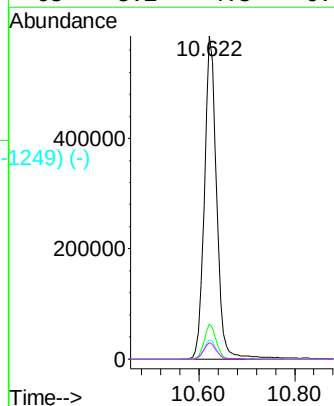
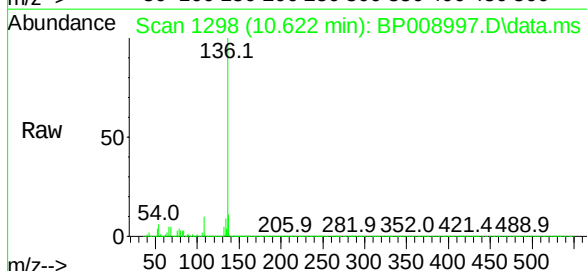
Ion Ratio Lower Upper

136 100

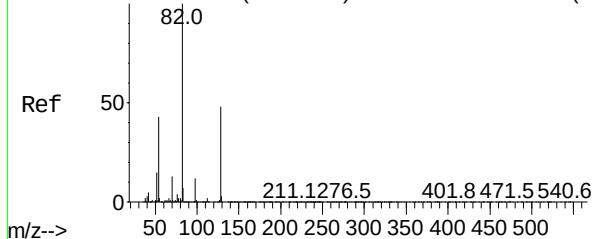
137 10.9 9.0 13.4

54 6.0 4.9 7.3

68 5.2 4.3 6.5



Abundance Scan 1025 (9.016 min): BP008809.D\data.ms (-1023-)



Nitrobenzene-d5

Concen: 10.122 ng

RT: 8.987 min Scan#

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNP

ClientSampleId :

TES-4

Tgt Ion: 82 Resp: 184349

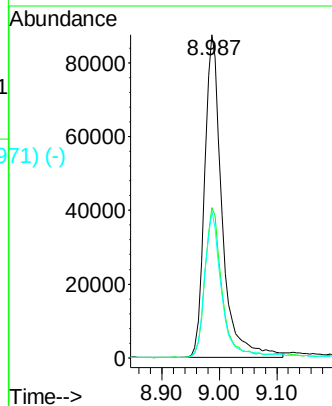
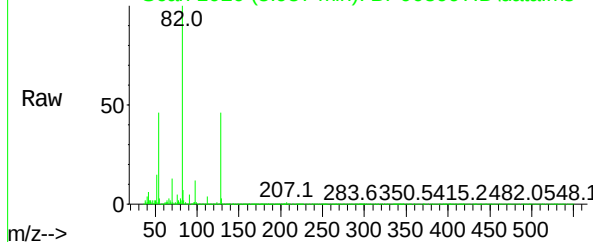
Ion Ratio Lower Upper

82 100

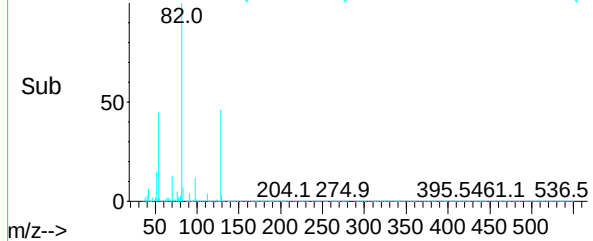
128 46.5 39.4 59.2

54 45.5 32.6 48.8

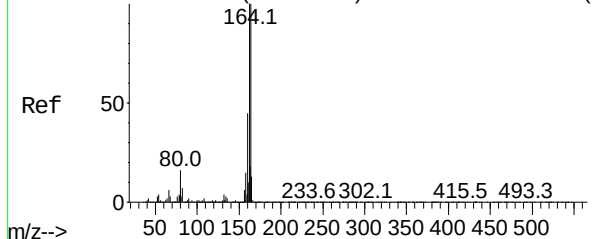
Abundance Scan 1020 (8.987 min): BP008997.D\data.ms



Abundance Scan 1020 (8.987 min): BP008997.D\data.ms (-971) (-)



Abundance Scan 1957 (14.498 min): BP008809.D\data.ms (-1948) (-)



Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Tgt Ion:164 Resp: 669738

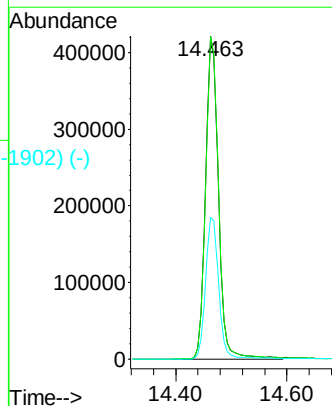
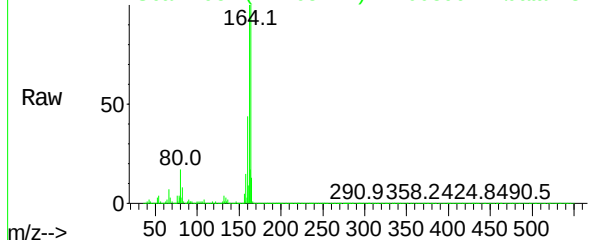
Ion Ratio Lower Upper

164 100

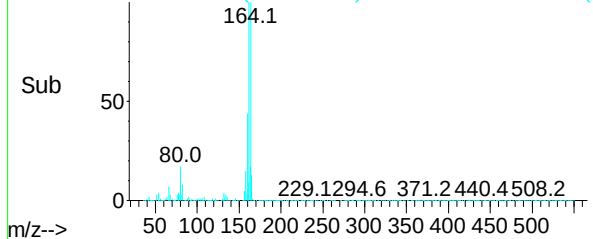
162 99.8 79.9 119.9

160 44.0 35.5 53.3

Abundance Scan 1951 (14.463 min): BP008997.D\data.ms



Abundance Scan 1951 (14.463 min): BP008997.D\data.ms (-1902) (-)



Abundance Scan 2211 (15.992 min): BP008809.D\data.ms (-2157) (-)

2,4,6-Tribromophenol

Concen: 14.441 ng

RT: 15.963 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

Tgt Ion:330 Resp: 140778

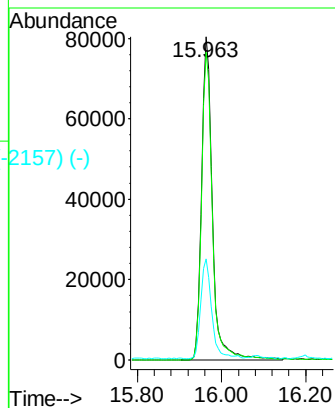
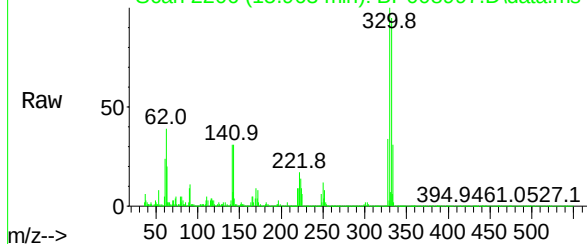
Ion Ratio Lower Upper

330 100

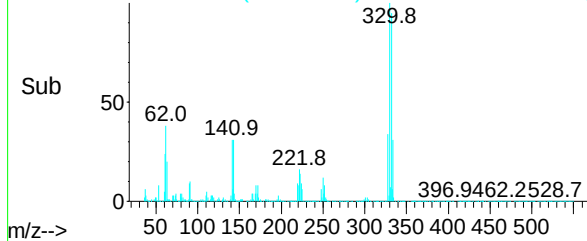
332 95.5 77.0 115.4

141 31.3 21.3 31.9

Abundance Scan 2206 (15.963 min): BP008997.D\data.ms



Abundance Scan 2206 (15.963 min): BP008997.D\data.ms (-2157) (-)



Abundance Scan 1723 (13.122 min): BP008809.D\data.ms (-1715) (-)

2-Fluorobiphenyl

Concen: 10.280 ng

RT: 13.087 min Scan# 1717

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Tgt Ion:172 Resp: 522058

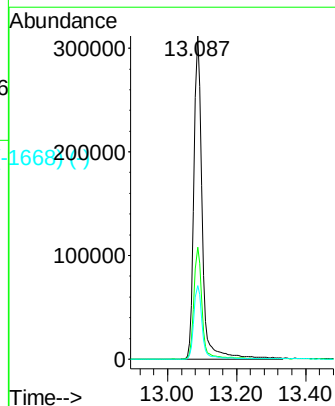
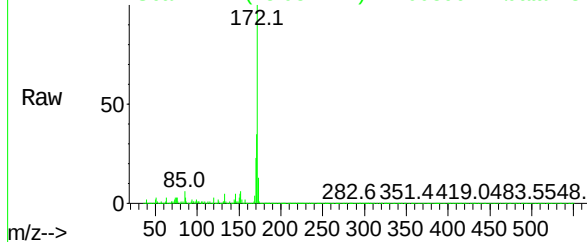
Ion Ratio Lower Upper

172 100

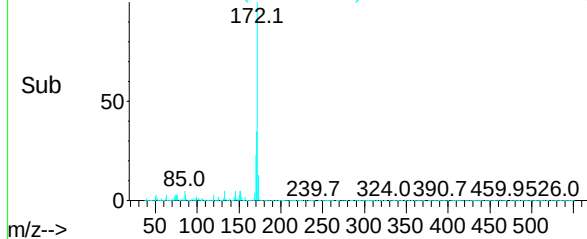
171 34.6 29.3 43.9

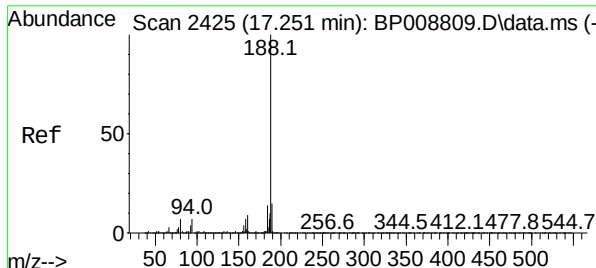
170 22.7 19.5 29.3

Abundance Scan 1717 (13.087 min): BP008997.D\data.ms



Abundance Scan 1717 (13.087 min): BP008997.D\data.ms (-1668) (-)

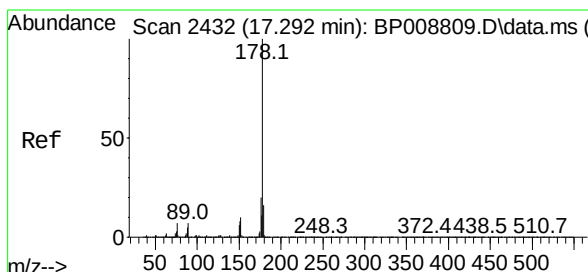
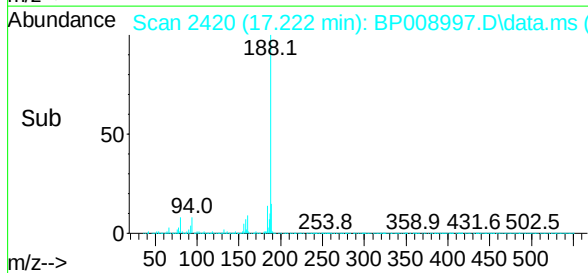
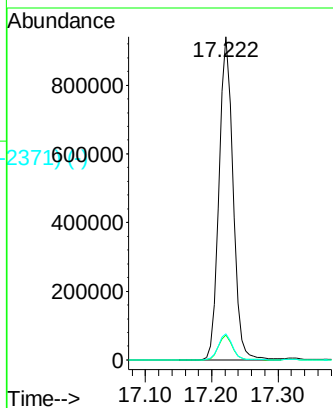
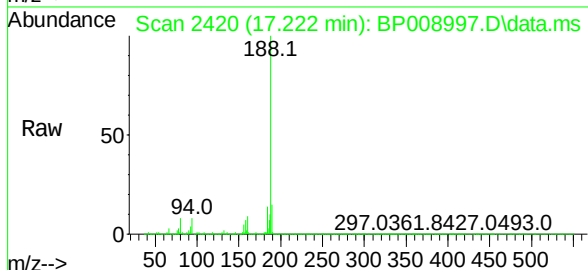




Scan 2425 (17.251 min): BP008809.D\data.ms (-2425) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.222 min Scan# 2425
 Delta R.T. -0.012 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

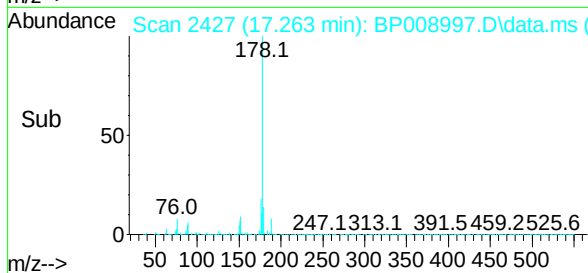
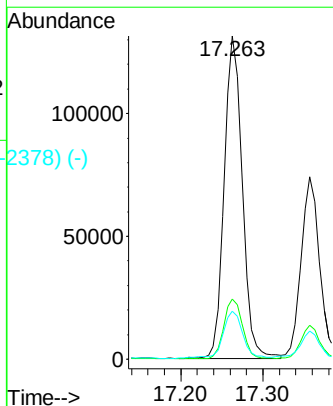
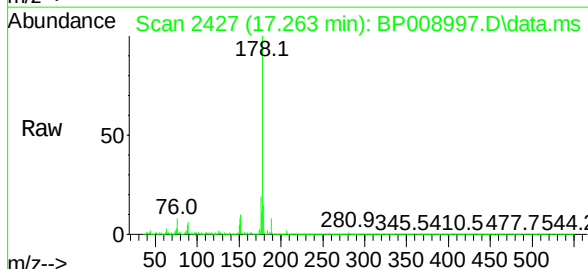
Instrument :
 BNA_P
 ClientSampleId :
 TES-4

Tgt Ion:	188	Resp:	1356204
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.8	10.2
80	8.0	7.2	10.8

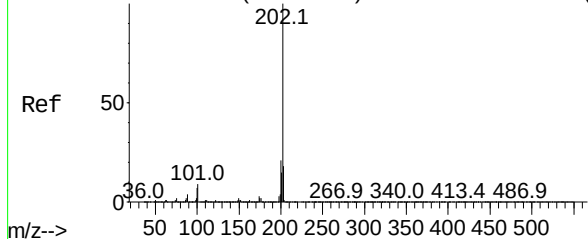


Scan 2432 (17.292 min): BP008809.D\data.ms (-2432) (-)
 Phenanthrene
 Concen: 2.656 ng
 RT: 17.263 min Scan# 2427
 Delta R.T. -0.012 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Tgt Ion:	178	Resp:	202771
Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.0	24.0
179	14.8	13.0	19.4



Abundance Scan 2767 (19.263 min): BP008809.D\data.ms (-2767) (-)



Fluoranthene

Concen: 3.730 ng

RT: 19.233 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

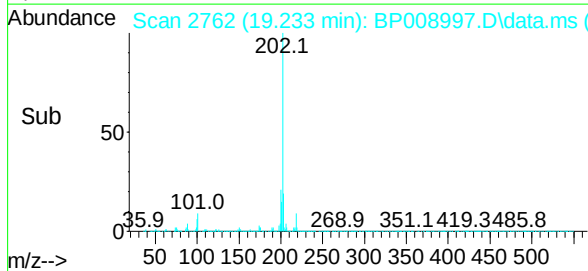
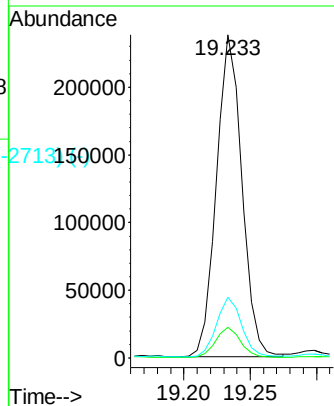
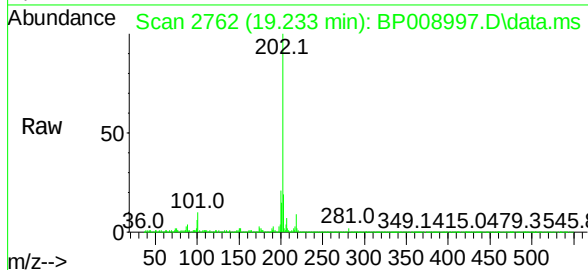
Tgt Ion:202 Resp: 316723

Ion Ratio Lower Upper

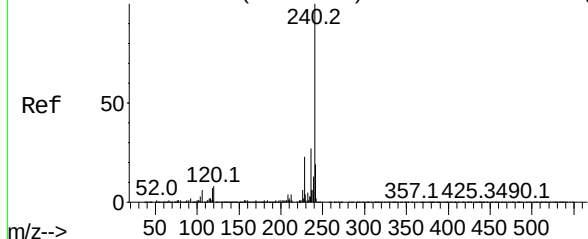
202 100

101 9.5 0.0 30.7

203 18.9 0.0 38.9



Abundance Scan 3121 (21.345 min): BP008809.D\data.ms (-3121) (-)



Chrysene-d12

Concen: 20.000 ng

RT: 21.316 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

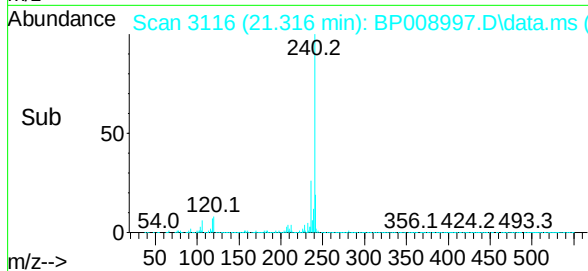
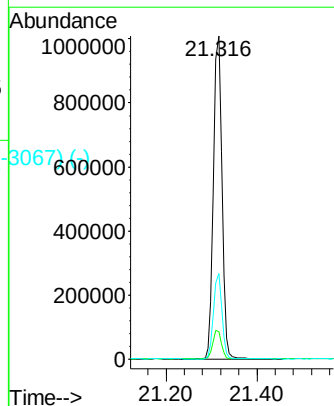
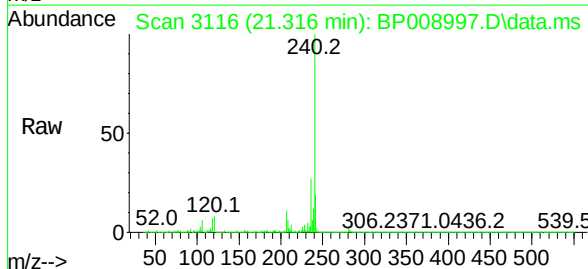
Tgt Ion:240 Resp: 1310430

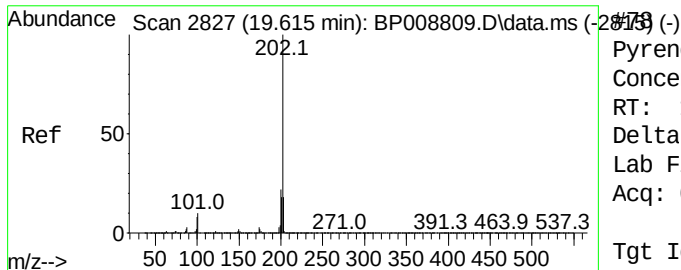
Ion Ratio Lower Upper

240 100

120 8.4 7.7 11.5

236 26.6 21.2 31.8





Pyrene

Concen: 6.315 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.012 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

Instrument :

BNA_P

ClientSampleId :

TES-4

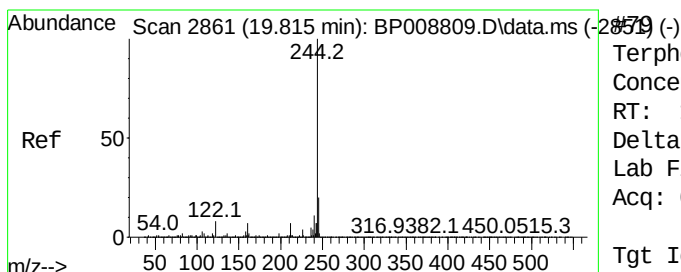
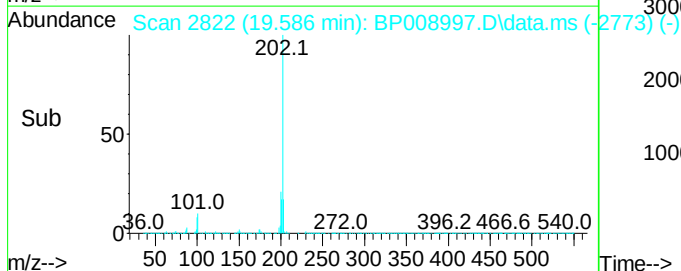
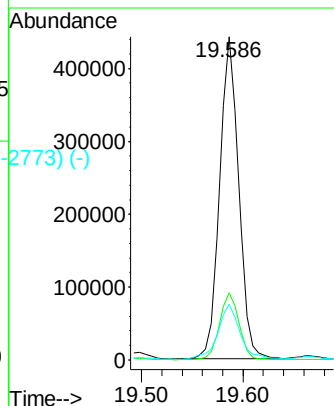
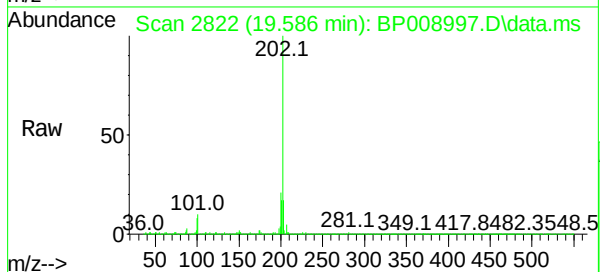
Tgt Ion:202 Resp: 577398

Ion Ratio Lower Upper

202 100

200 20.8 18.0 27.0

203 17.1 15.0 22.6



Terphenyl-d14

Concen: 9.902 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.018 min

Lab File: BP008997.D

Acq: 01 Feb 2022 20:56

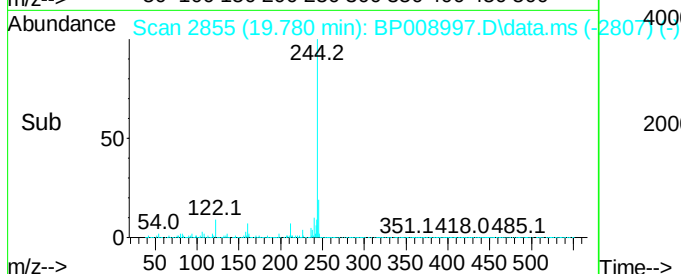
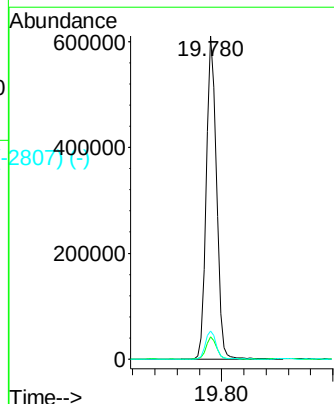
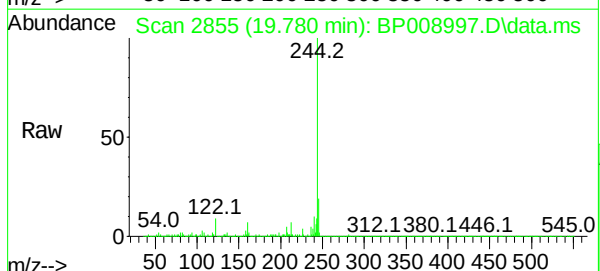
Tgt Ion:244 Resp: 768759

Ion Ratio Lower Upper

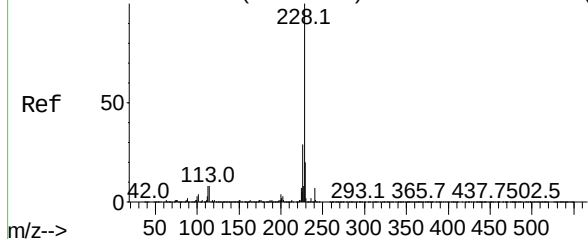
244 100

212 6.9 6.5 9.7

122 8.7 9.2 13.8#



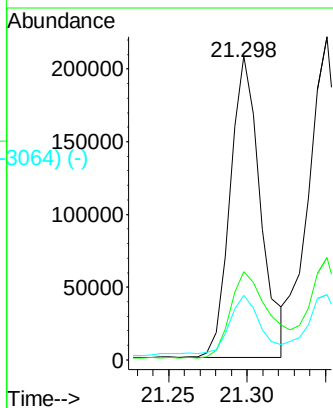
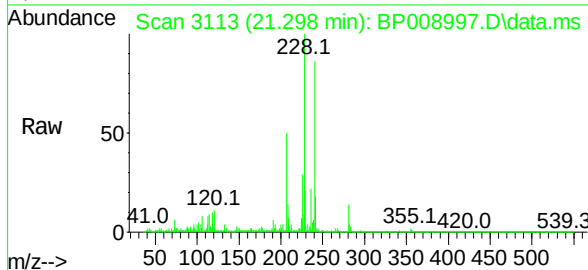
Abundance Scan 3118 (21.327 min): BP008809.D\data.ms (-3118) (-)



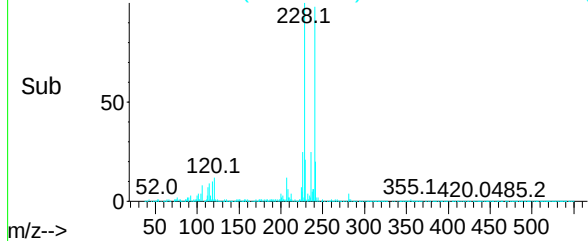
Benzo(a)anthracene
Concen: 3.148 ng
RT: 21.298 min Scan# 3118
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Instrument :
BNA_P
ClientSampleId :
TES-4

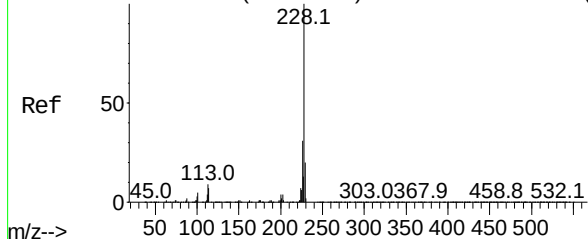
Tgt Ion:	228	Resp:	277555
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.3	34.9
229	21.2	17.0	25.6



Abundance Scan 3113 (21.298 min): BP008997.D\data.ms (-3064) (-)

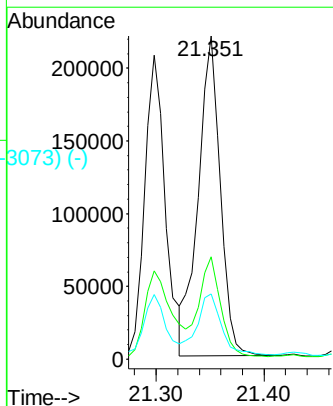
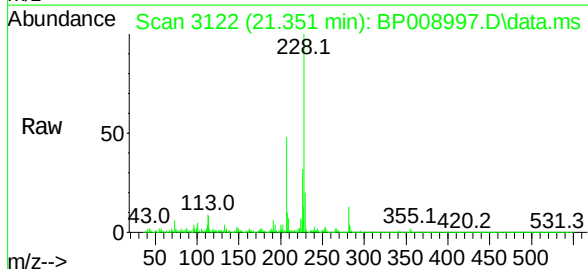


Abundance Scan 3127 (21.380 min): BP008809.D\data.ms (-3127) (-)

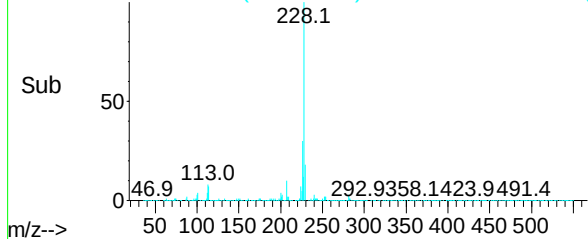


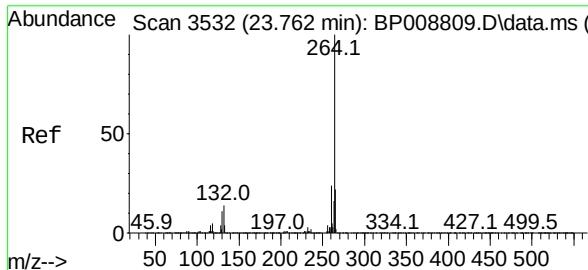
Chrysene
Concen: 3.638 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008997.D
Acq: 01 Feb 2022 20:56

Tgt Ion:	228	Resp:	310908
Ion	Ratio	Lower	Upper
228	100		
226	31.6	26.0	39.0
229	20.3	16.9	25.3



Abundance Scan 3122 (21.351 min): BP008997.D\data.ms (-3073) (-)

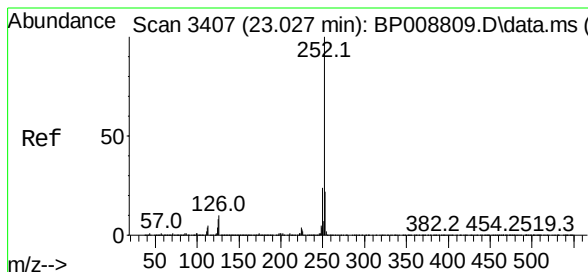
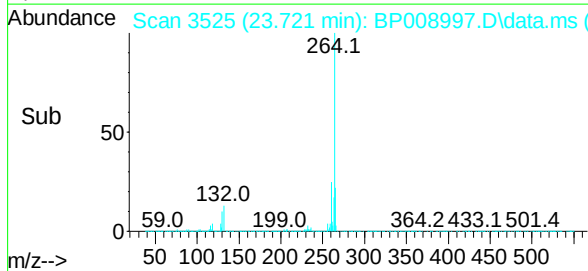
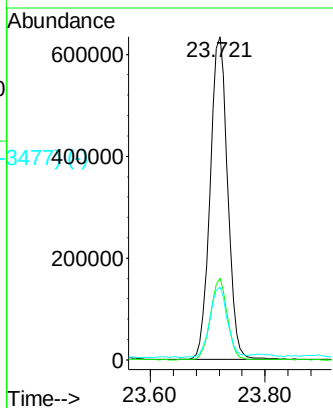
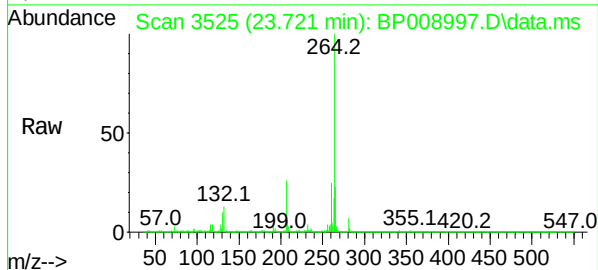




Perylene-d12
 Concen: 20.000 ng
 RT: 23.721 min Scan# 3477
 Delta R.T. -0.018 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

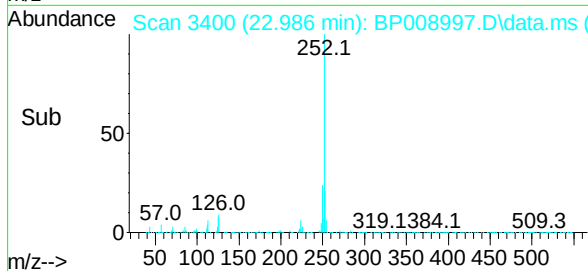
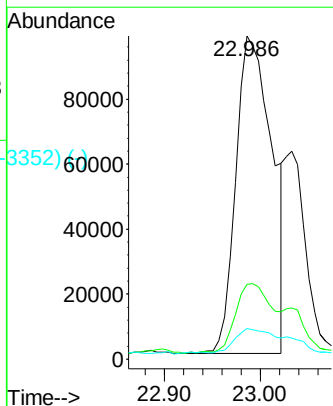
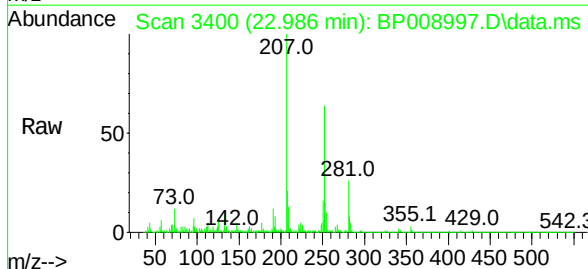
Instrument :
 BNA_P
 ClientSampleId :
 TES-4

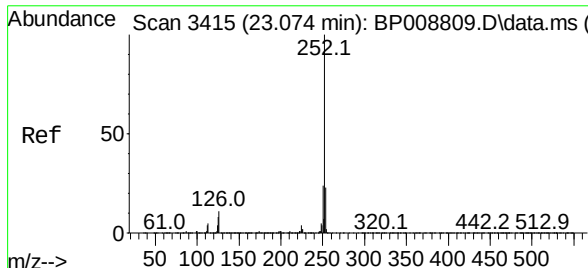
Tgt Ion:	264	Resp:	1333867
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	22.5	17.1	25.7



Benzo(b)fluoranthene
 Concen: 2.880 ng
 RT: 22.986 min Scan# 3400
 Delta R.T. -0.018 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Tgt Ion:	252	Resp:	256536
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	9.4	6.9	10.3

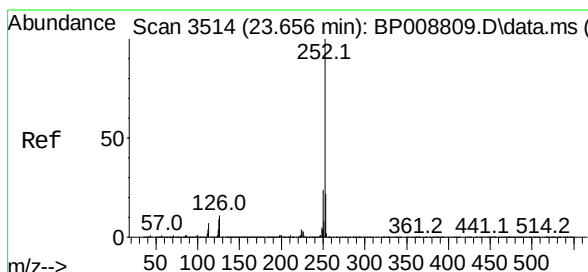
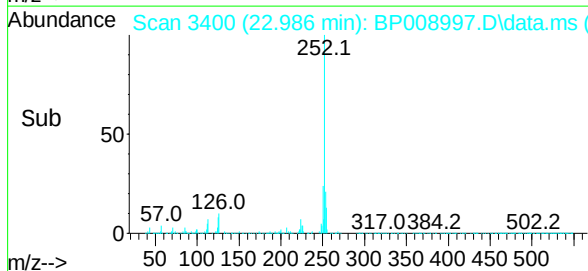
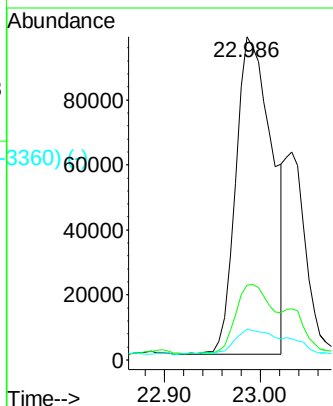
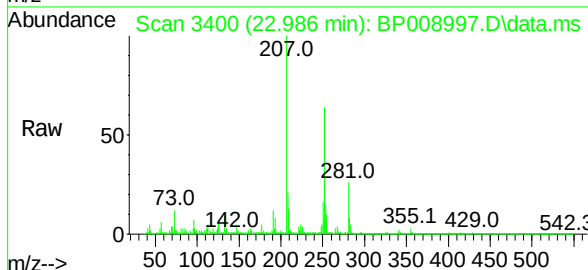




Benzo(k)fluoranthene
 Concen: 2.975 ng
 RT: 22.986 min Scan# 3415
 Delta R.T. -0.065 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Instrument :
 BNA_P
 ClientSampleId :
 TES-4

Tgt Ion:	252	Resp:	256536
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.4	7.3	10.9



Benzo(a)pyrene
 Concen: 2.424 ng
 RT: 23.615 min Scan# 3507
 Delta R.T. -0.018 min
 Lab File: BP008997.D
 Acq: 01 Feb 2022 20:56

Tgt Ion:	252	Resp:	208410
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	9.9	7.8	11.6

