

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020122\
 Data File : BP008991.D
 Acq On : 01 Feb 2022 17:37
 Operator : CG/JU
 Sample : N1340-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(1.5-2)

Quant Time: Feb 02 04:02:13 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)

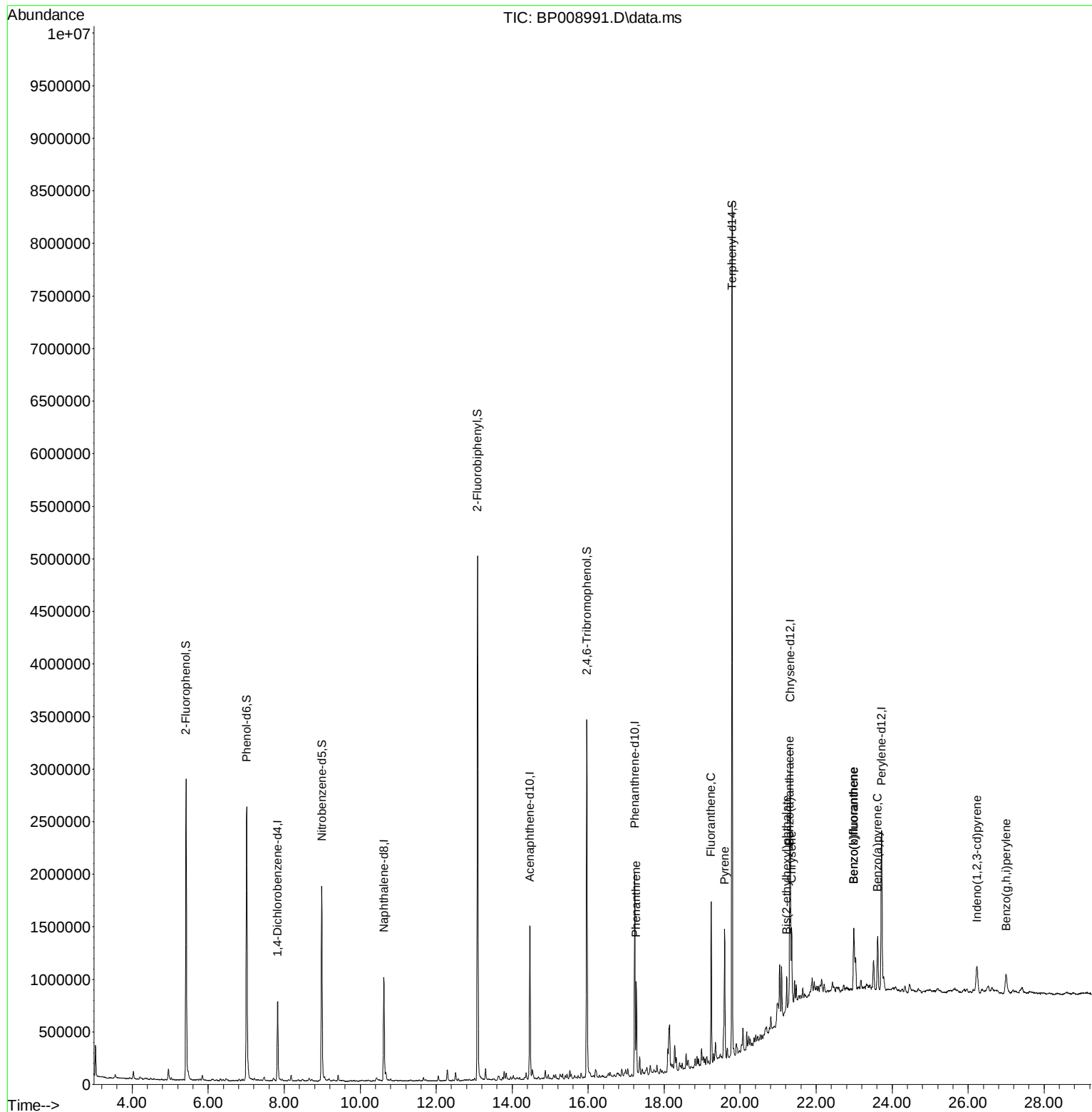
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	233387	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	905120	20.000	ng	-0.01
39) Acenaphthene-d10	14.463	164	580657	20.000	ng	-0.01
64) Phenanthrene-d10	17.222	188	1194131	20.000	ng	-0.01
76) Chrysene-d12	21.316	240	1108010	20.000	ng	-0.01
86) Perylene-d12	23.722	264	1204079	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	1404979	93.094	ng	0.00
7) Phenol-d6	7.011	99	1778890	97.337	ng	0.00
23) Nitrobenzene-d5	8.987	82	1186169	74.402	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	780600	92.356	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2848887	64.702	ng	-0.01
79) Terphenyl-d14	19.786	244	3834723	58.418	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.263	178	588847	8.758	ng	99
75) Fluoranthene	19.234	202	926260	12.389	ng	97
78) Pyrene	19.586	202	798815	10.332	ng	97
81) Benzo(a)anthracene	21.298	228	461792	6.195	ng	98
83) Chrysene	21.351	228	461591	6.388	ng	97
84) Bis(2-ethylhexyl)phtha...	21.228	149	110412	2.293	ng	96
87) Indeno(1,2,3-cd)pyrene	26.227	276	269542	2.717	ng	# 94
88) Benzo(b)fluoranthene	22.992	252	572688	7.122	ng	98
89) Benzo(k)fluoranthene	22.992	252	572688	7.358	ng	98
90) Benzo(a)pyrene	23.616	252	409274	5.273	ng	98
92) Benzo(g,h,i)perylene	26.998	276	263181	3.195	ng	96

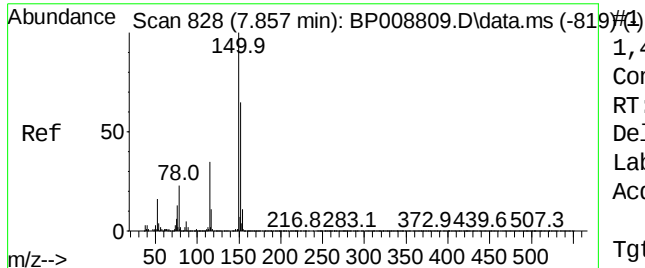
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
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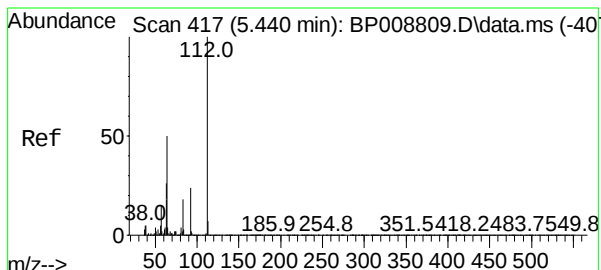
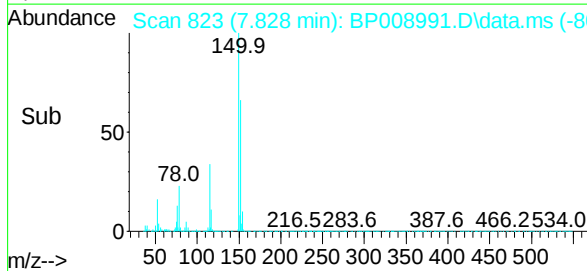
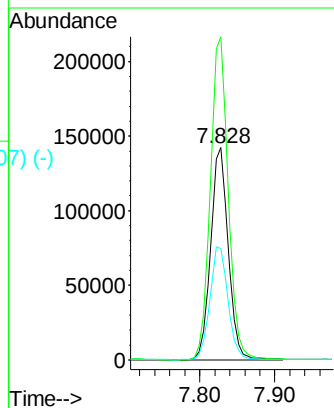
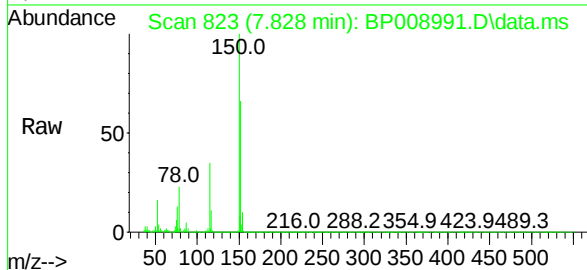




1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

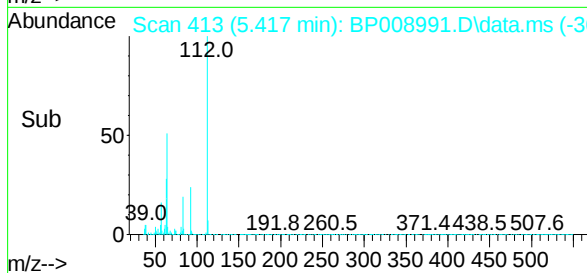
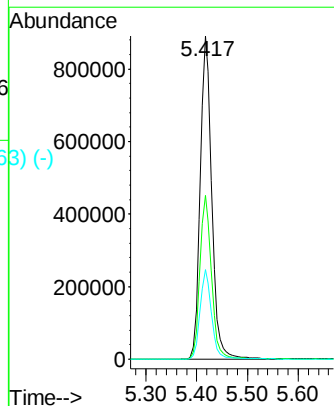
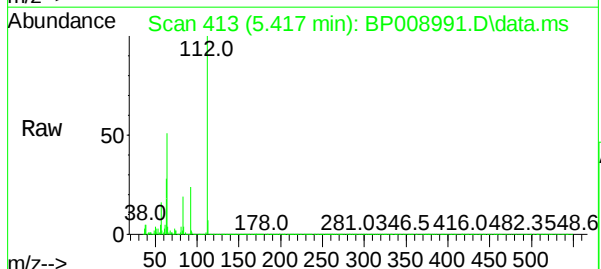
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

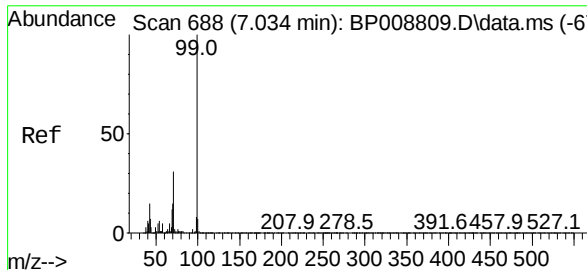
Tgt Ion:152 Resp: 233387
Ion Ratio Lower Upper
152 100
150 152.3 127.0 190.6
115 52.6 43.7 65.5



2-Fluorophenol
Concen: 93.094 ng
RT: 5.417 min Scan# 413
Delta R.T. -0.006 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Tgt Ion:112 Resp: 1404979
Ion Ratio Lower Upper
112 100
64 50.7 39.7 59.5
63 27.7 20.0 30.0





Phenol-d6

Concen: 97.337 ng

RT: 7.011 min Scan#

Delta R.T. -0.006 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Instrument :

BNA_P

ClientSampleId :

SB-6(1.5-2)

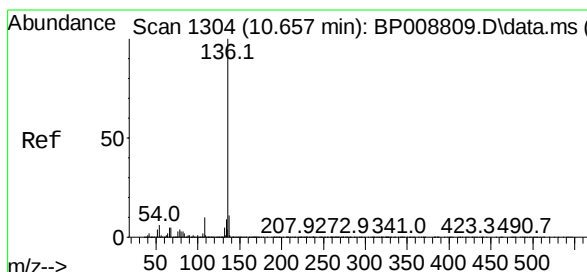
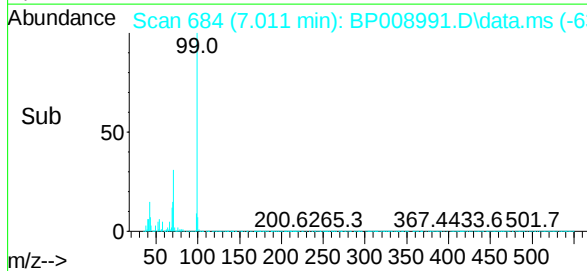
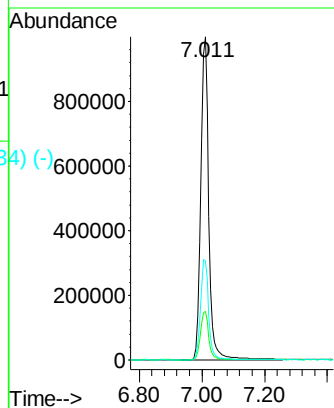
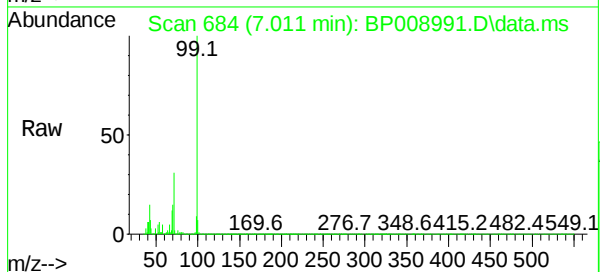
Tgt Ion: 99 Resp: 1778890

Ion Ratio Lower Upper

99 100

42 15.0 10.8 16.2

71 30.6 23.8 35.6



Naphthalene-d8

Concen: 20.000 ng

RT: 10.622 min Scan# 1298

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Tgt Ion: 136 Resp: 905120

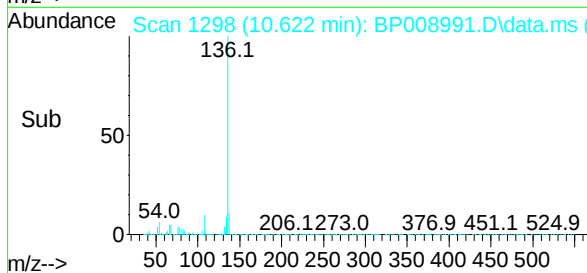
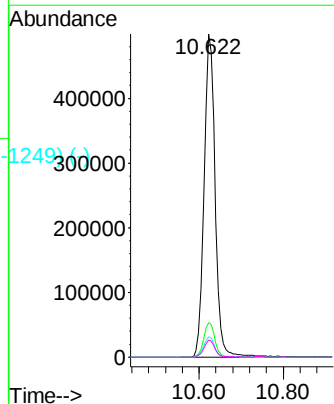
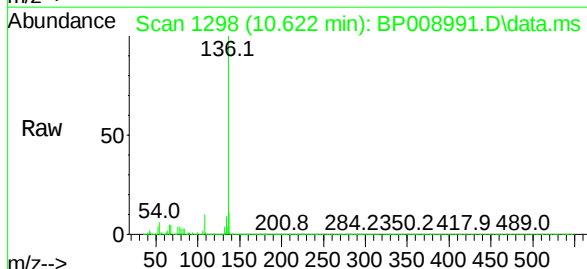
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.2 4.9 7.3

68 5.4 4.3 6.5



Abundance Scan 1025 (9.016 min): BP008809.D\data.ms (-10123-)

Nitrobenzene-d5

Concen: 74.402 ng

RT: 8.987 min Scan# 1025

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Instrument :

BNA_P

ClientSampleId :

SB-6(1.5-2)

Tgt Ion: 82 Resp: 1186169

Ion Ratio Lower Upper

82 100

128 47.6 39.4 59.2

54 43.4 32.6 48.8

Abundance Scan 1020 (8.987 min): BP008991.D\data.ms

Ref 50

82.1

166.2 272.2337.6 407.1472.4537.4

m/z--> 50 100 150 200 250 300 350 400 450 500

Raw 50

82.1

166.2 272.2337.6 407.1472.4537.4

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 1020 (8.987 min): BP008991.D\data.ms (-971) (-)

Sub 50

82.0

203.2270.8335.5403.1 474.7 549.3

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

8.987

600000

400000

200000

0

Time--> 8.90 9.00 9.10

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. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Tgt Ion:164 Resp: 580657

Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 45.0 35.5 53.3

Abundance Scan 1951 (14.463 min): BP008991.D\data.ms

Ref 50

164.1

80.0 281.9347.1412.2477.9542.7

m/z--> 50 100 150 200 250 300 350 400 450 500

Raw 50

80.0

164.1

281.9347.1412.2477.9542.7

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 1951 (14.463 min): BP008991.D\data.ms (-1902) (-)

Sub 50

164.1

80.0

230.1 347.1416.8485.8

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

14.463

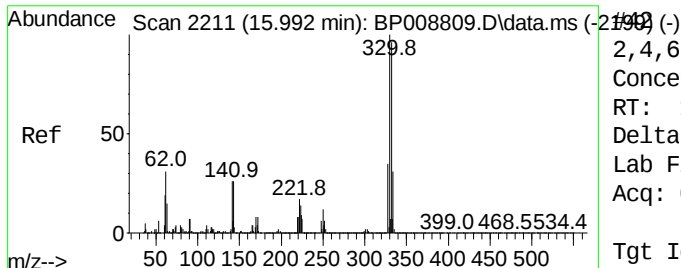
300000

200000

100000

0

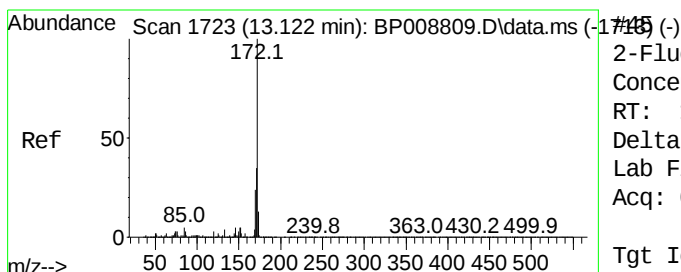
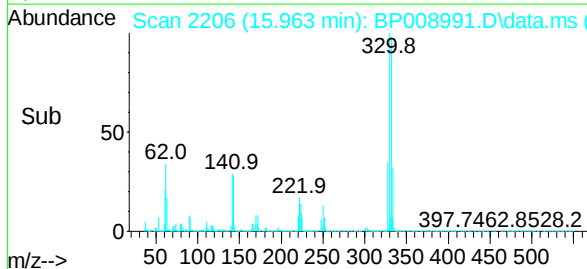
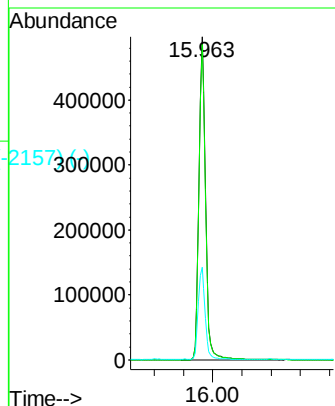
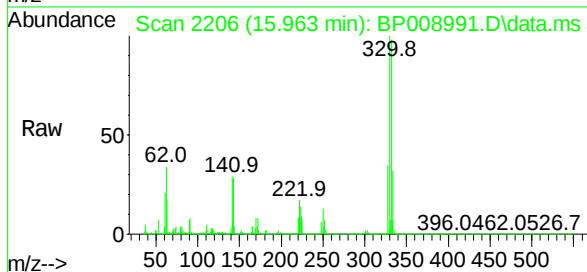
Time--> 14.40 14.60



2,4,6-Tribromophenol
Concen: 92.356 ng
RT: 15.963 min Scan# 2199
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

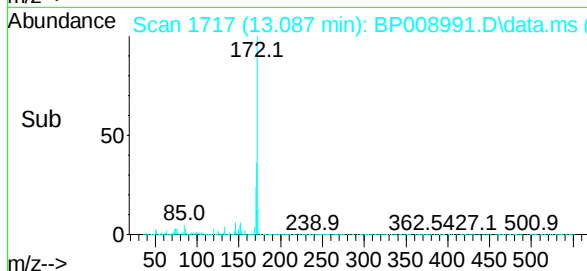
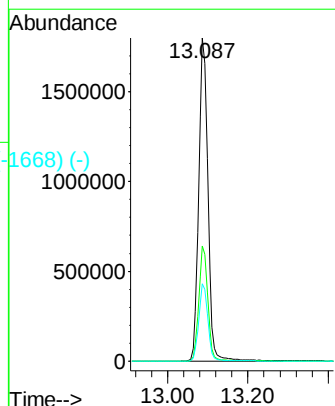
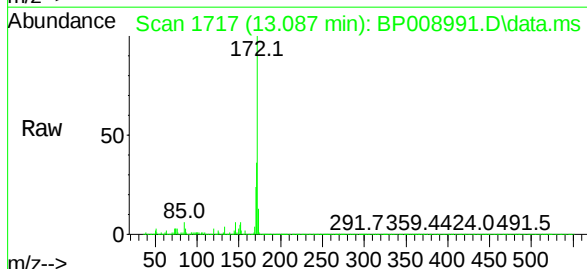
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

Tgt Ion:330 Resp: 780600
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 29.5 21.3 31.9

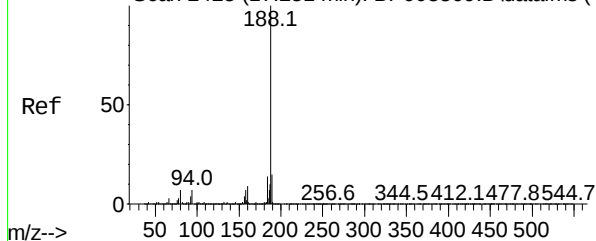


2-Fluorobiphenyl
Concen: 64.702 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Tgt Ion:172 Resp: 2848887
Ion Ratio Lower Upper
172 100
171 35.6 29.3 43.9
170 23.9 19.5 29.3



Abundance 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. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Instrument :

BNA_P

ClientSampleId :

SB-6(1.5-2)

Tgt Ion:188 Resp: 1194131

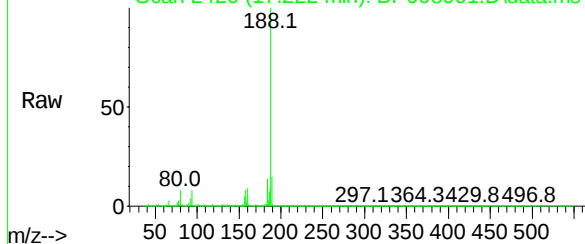
Ion	Ratio	Lower	Upper
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188	100		
-----	-----	--	--

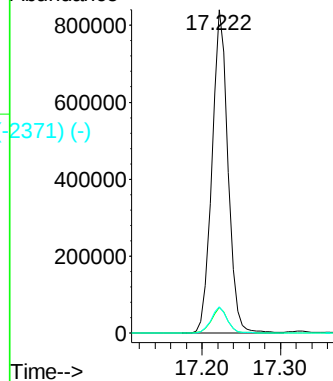
94	8.0	6.8	10.2
----	-----	-----	------

80	8.0	7.2	10.8
----	-----	-----	------

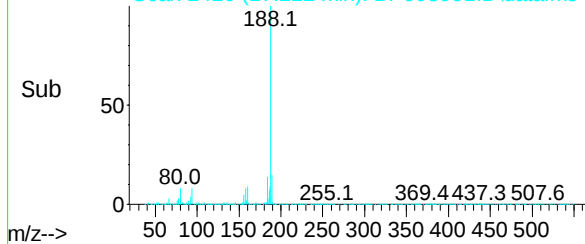
Abundance Scan 2420 (17.222 min): BP008991.D\data.ms



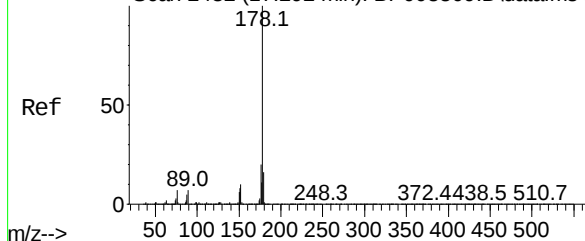
Abundance



Abundance Scan 2420 (17.222 min): BP008991.D\data.ms (-2371) (-)



Abundance Scan 2432 (17.292 min): BP008809.D\data.ms (-2432) (-)



Phenanthrene

Concen: 8.758 ng

RT: 17.263 min Scan# 2427

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Tgt Ion:178 Resp: 588847

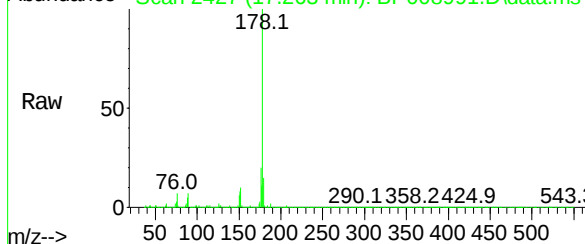
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

178	100		
-----	-----	--	--

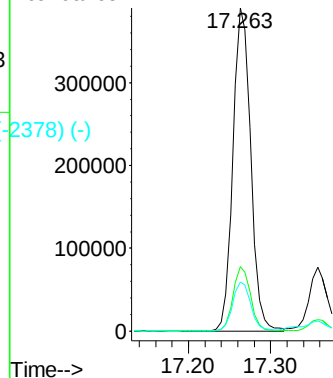
176	20.0	16.0	24.0
-----	------	------	------

179	15.3	13.0	19.4
-----	------	------	------

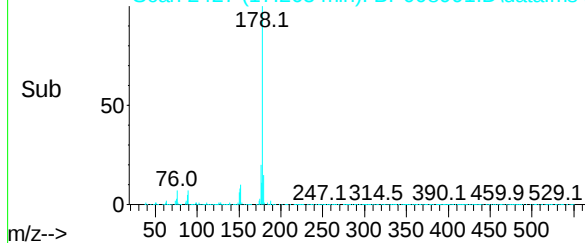
Abundance Scan 2427 (17.263 min): BP008991.D\data.ms



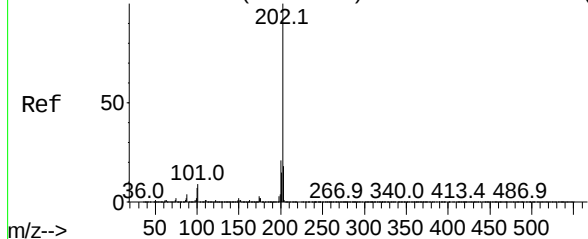
Abundance



Abundance Scan 2427 (17.263 min): BP008991.D\data.ms (-2378) (-)



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



Fluoranthene

Concen: 12.389 ng

RT: 19.234 min Scan# 1

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Instrument :

BNA_P

ClientSampleId :

SB-6(1.5-2)

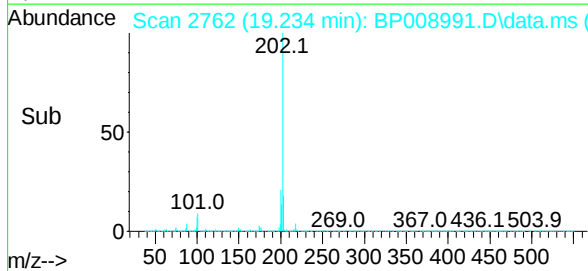
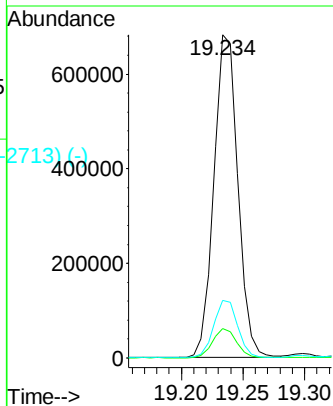
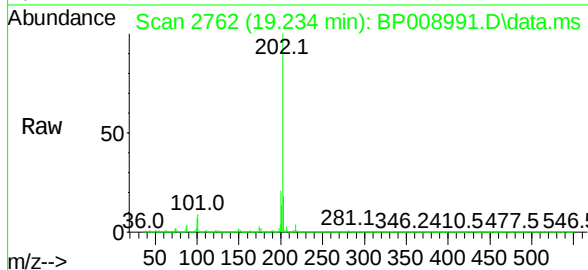
Tgt Ion:202 Resp: 926260

Ion Ratio Lower Upper

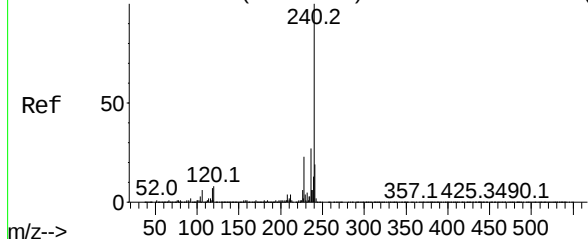
202 100

101 9.1 0.0 30.7

203 17.7 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. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

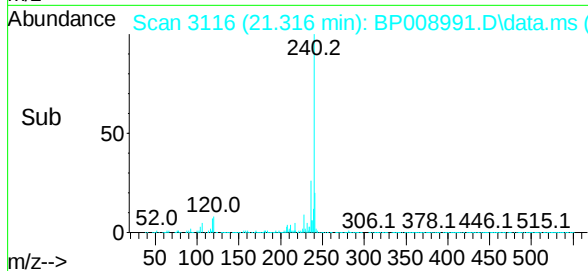
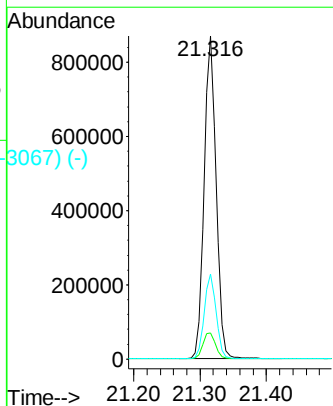
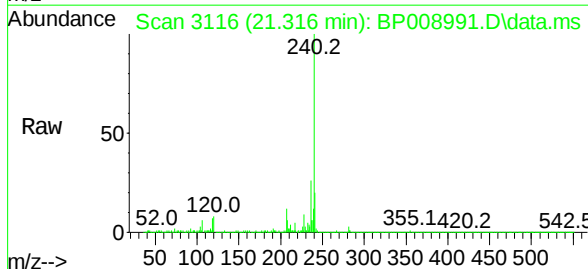
Tgt Ion:240 Resp: 1108010

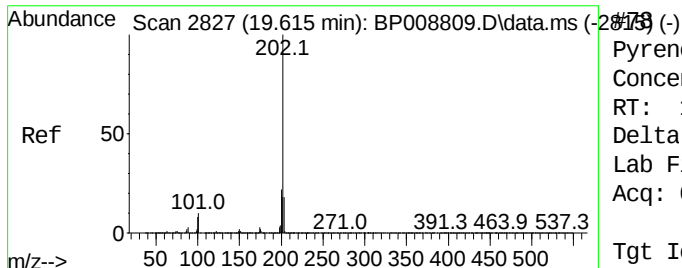
Ion Ratio Lower Upper

240 100

120 8.1 7.7 11.5

236 26.4 21.2 31.8





Pyrene

Concen: 10.332 ng

RT: 19.586 min Scan# 2822

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

Instrument :

BNA_P

ClientSampleId :

SB-6(1.5-2)

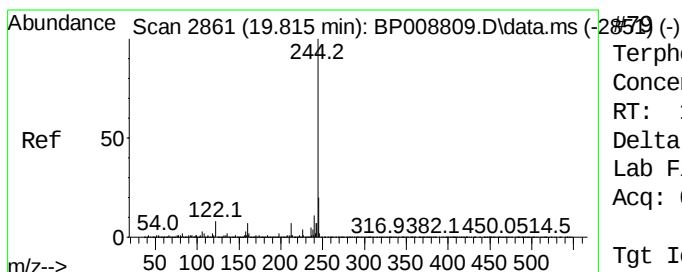
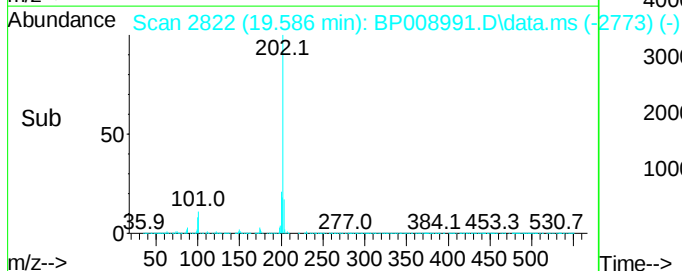
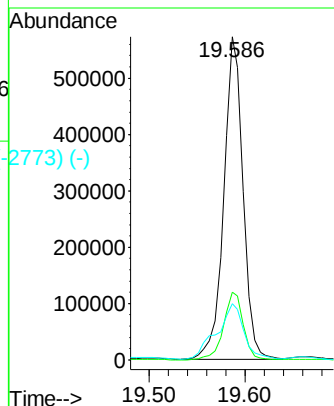
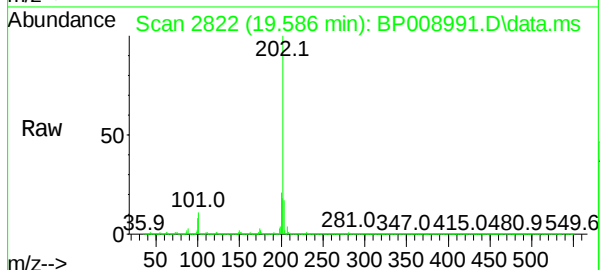
Tgt Ion:202 Resp: 798815

Ion Ratio Lower Upper

202 100

200 21.0 18.0 27.0

203 17.5 15.0 22.6



Terphenyl-d14

Concen: 58.418 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.011 min

Lab File: BP008991.D

Acq: 01 Feb 2022 17:37

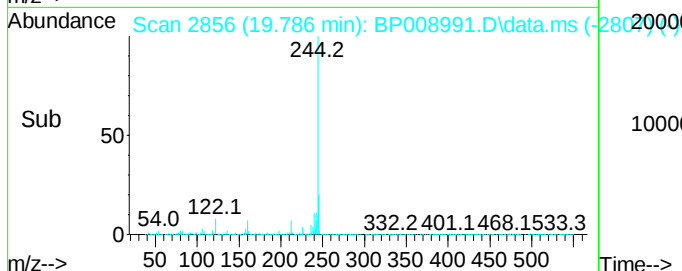
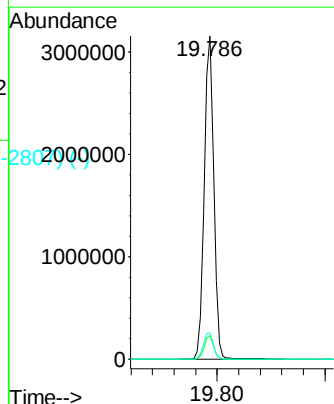
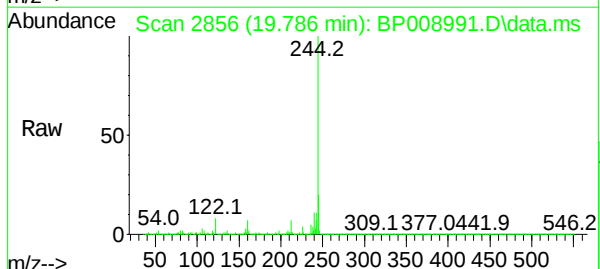
Tgt Ion:244 Resp: 3834723

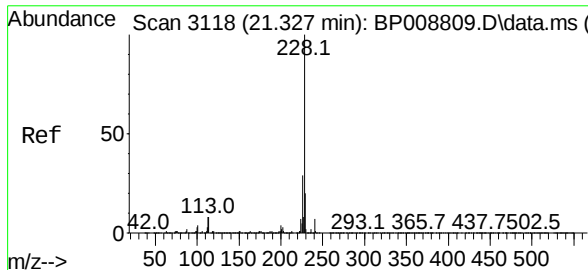
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 8.1 9.2 13.8#

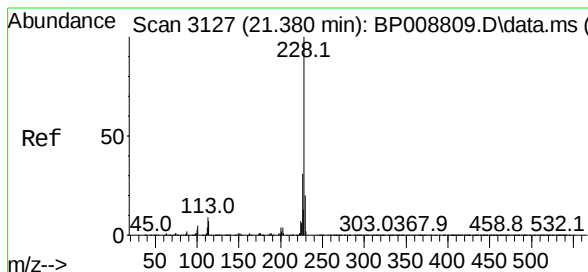
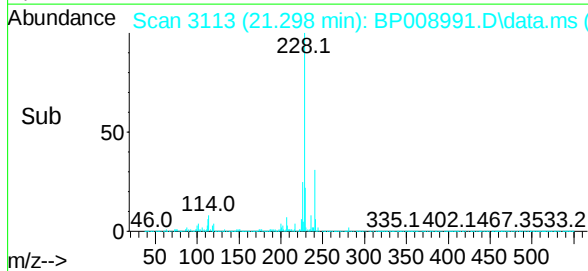
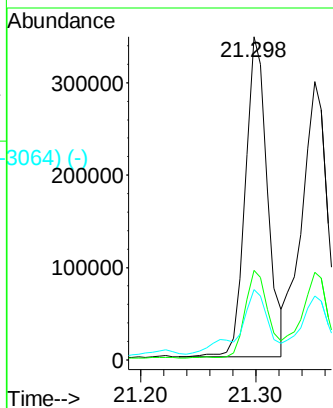
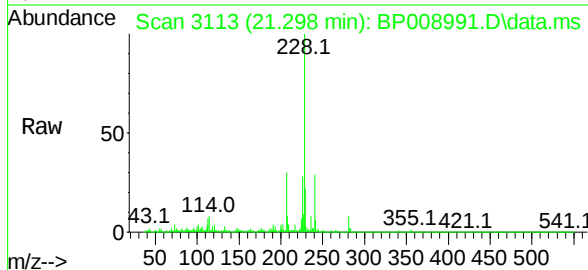




Benzo(a)anthracene
Concen: 6.195 ng
RT: 21.298 min Scan# 3118
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

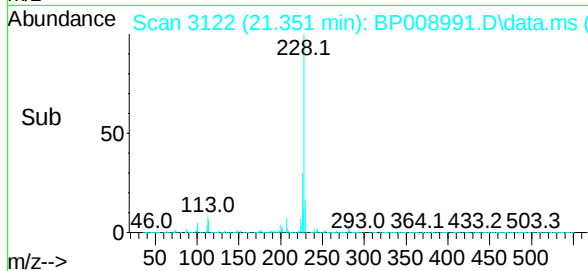
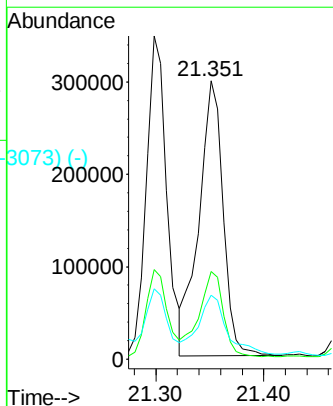
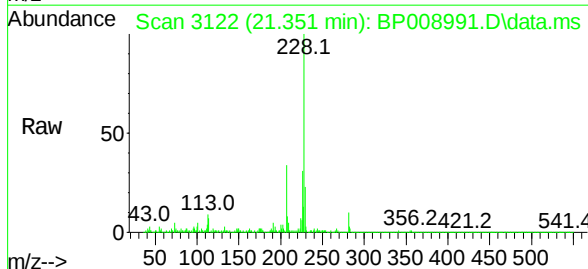
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

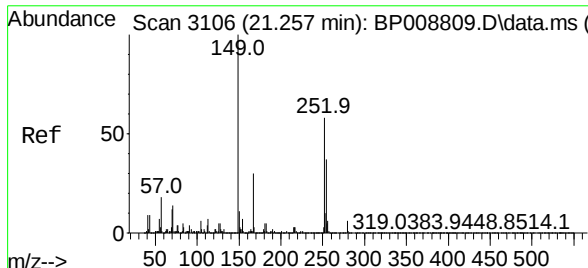
Tgt Ion:	228	Resp:	461792
Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.3	34.9
229	21.7	17.0	25.6



Chrysene
Concen: 6.388 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Tgt Ion:	228	Resp:	461591
Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.0	39.0
229	22.9	16.9	25.3

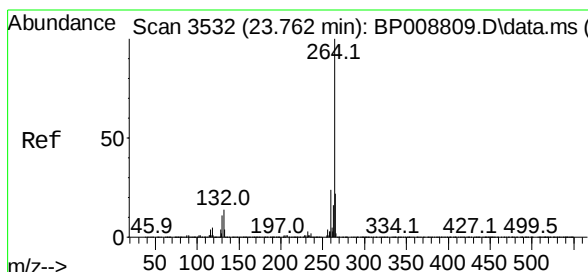
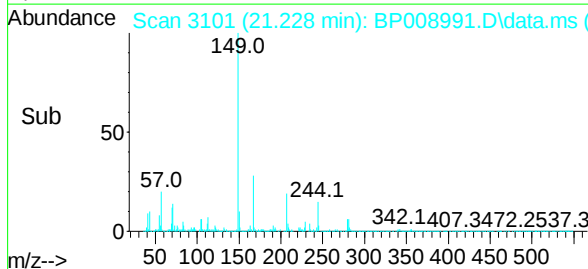
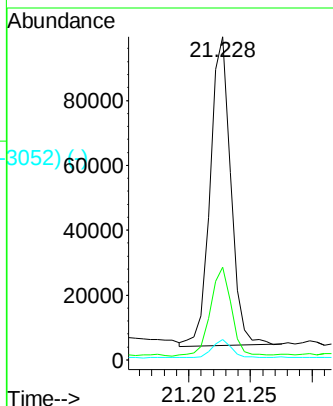
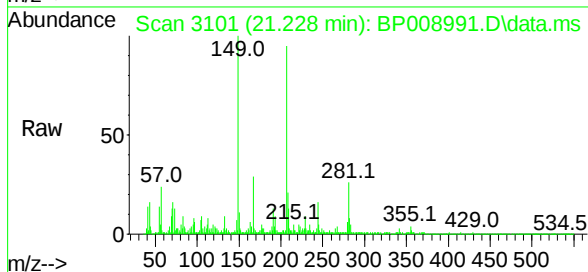




Bis(2-ethylhexyl)phthalate
 Concen: 2.293 ng
 RT: 21.228 min Scan# 3106
 Delta R.T. -0.011 min
 Lab File: BP008991.D
 Acq: 01 Feb 2022 17:37

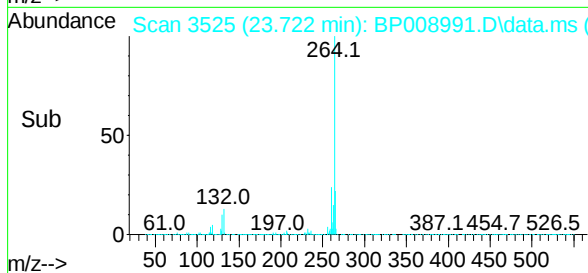
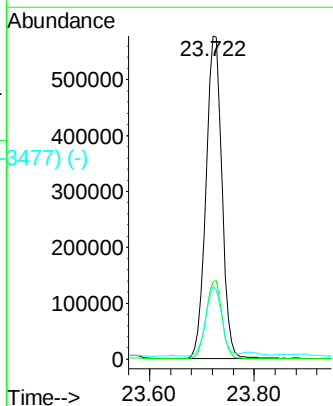
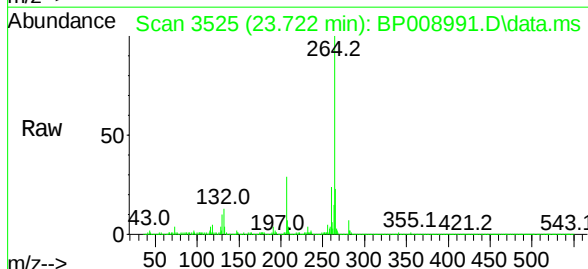
Instrument :
 BNA_P
 ClientSampleId :
 SB-6(1.5-2)

Tgt Ion:	149	Resp:	110412
Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	6.3	4.8	7.2

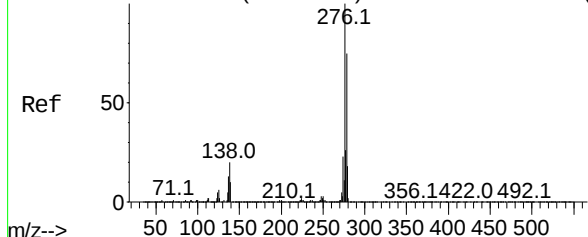


Perylene-d12
 Concen: 20.000 ng
 RT: 23.722 min Scan# 3525
 Delta R.T. -0.017 min
 Lab File: BP008991.D
 Acq: 01 Feb 2022 17:37

Tgt Ion:	264	Resp:	1204079
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.7	17.1	25.7



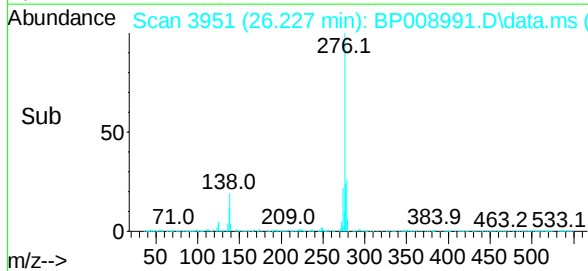
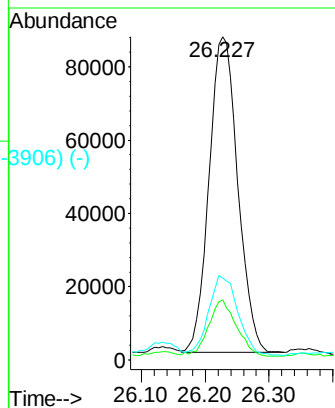
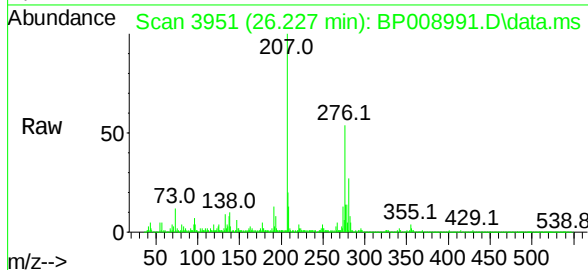
Abundance Scan 3963 (26.297 min): BP008809.D\data.ms (-3963) (-)



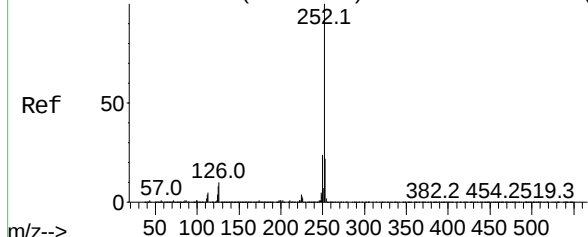
Indeno(1,2,3-cd)pyrene
Concen: 2.717 ng
RT: 26.227 min Scan# 3963
Delta R.T. -0.035 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	17.8	26.6#
277	26.0	20.4	30.6

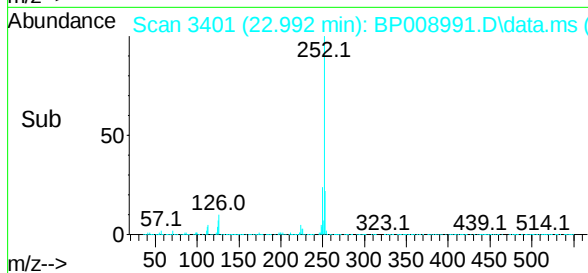
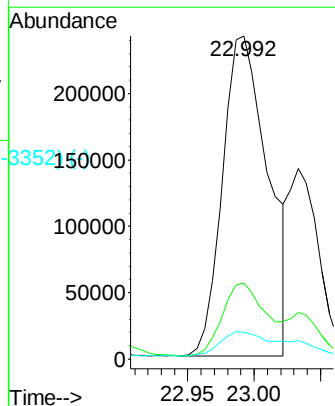
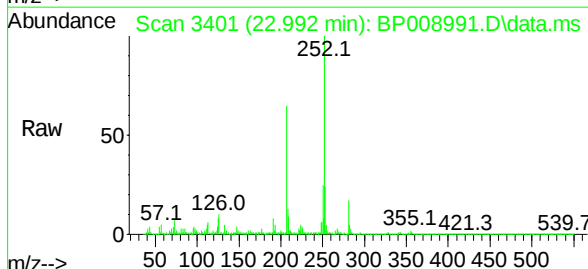


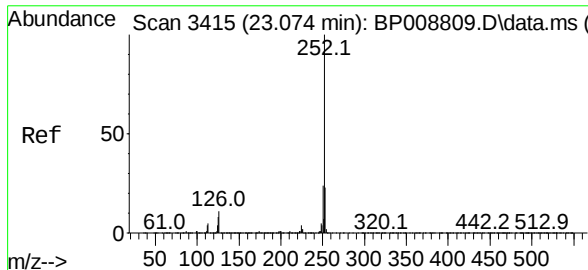
Abundance Scan 3407 (23.027 min): BP008809.D\data.ms (-3407) (-)



Benzo(b)fluoranthene
Concen: 7.122 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.011 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	8.4	6.9	10.3

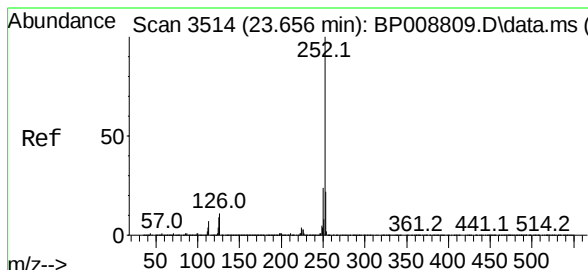
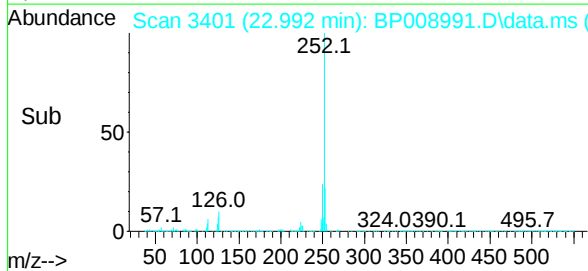
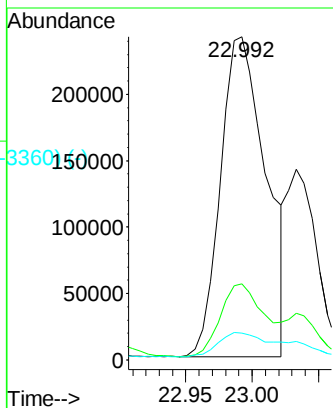
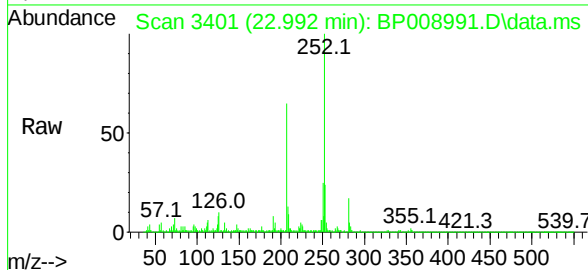




Benzo(k)fluoranthene
Concen: 7.358 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.059 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

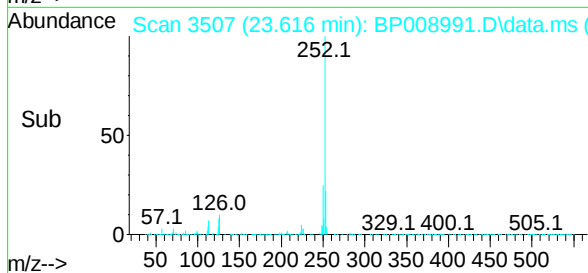
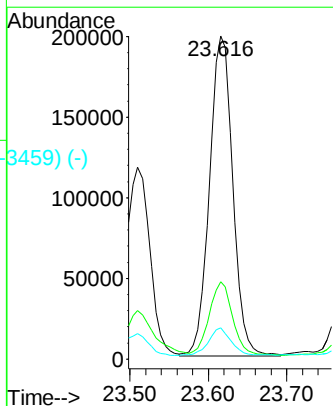
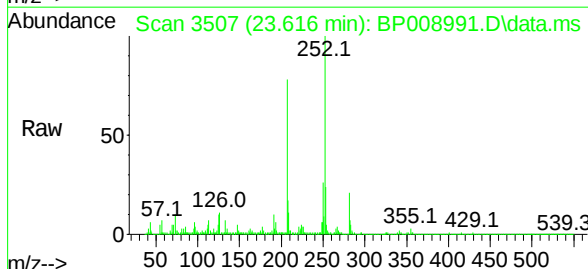
Instrument :
BNA_P
ClientSampleId :
SB-6(1.5-2)

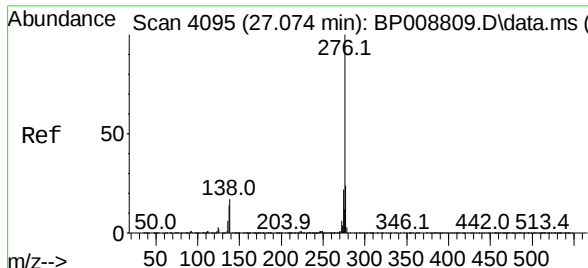
Tgt Ion:	252	Resp:	572688
Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	8.4	7.3	10.9



Benzo(a)pyrene
Concen: 5.273 ng
RT: 23.616 min Scan# 3507
Delta R.T. -0.017 min
Lab File: BP008991.D
Acq: 01 Feb 2022 17:37

Tgt Ion:	252	Resp:	409274
Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	9.6	7.8	11.6





Benzo(g,h,i)perylene
 Concen: 3.195 ng
 RT: 26.998 min Scan# 4095
 Delta R.T. -0.035 min
 Lab File: BP008991.D
 Acq: 01 Feb 2022 17:37

Instrument :
 BNA_P
 ClientSampleId :
 SB-6(1.5-2)

Tgt Ion:	276	Resp:	263181
Ion Ratio		Lower	Upper
276	100		
277	25.6	19.2	28.8
138	16.7	15.0	22.4

