

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009486.D
 Acq On : 22 Mar 2022 14:07
 Operator : CG/JU
 Sample : N1995-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP

Quant Time: Mar 23 01:21:00 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 17 18:26:53 2022
 Response via : Initial Calibration

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

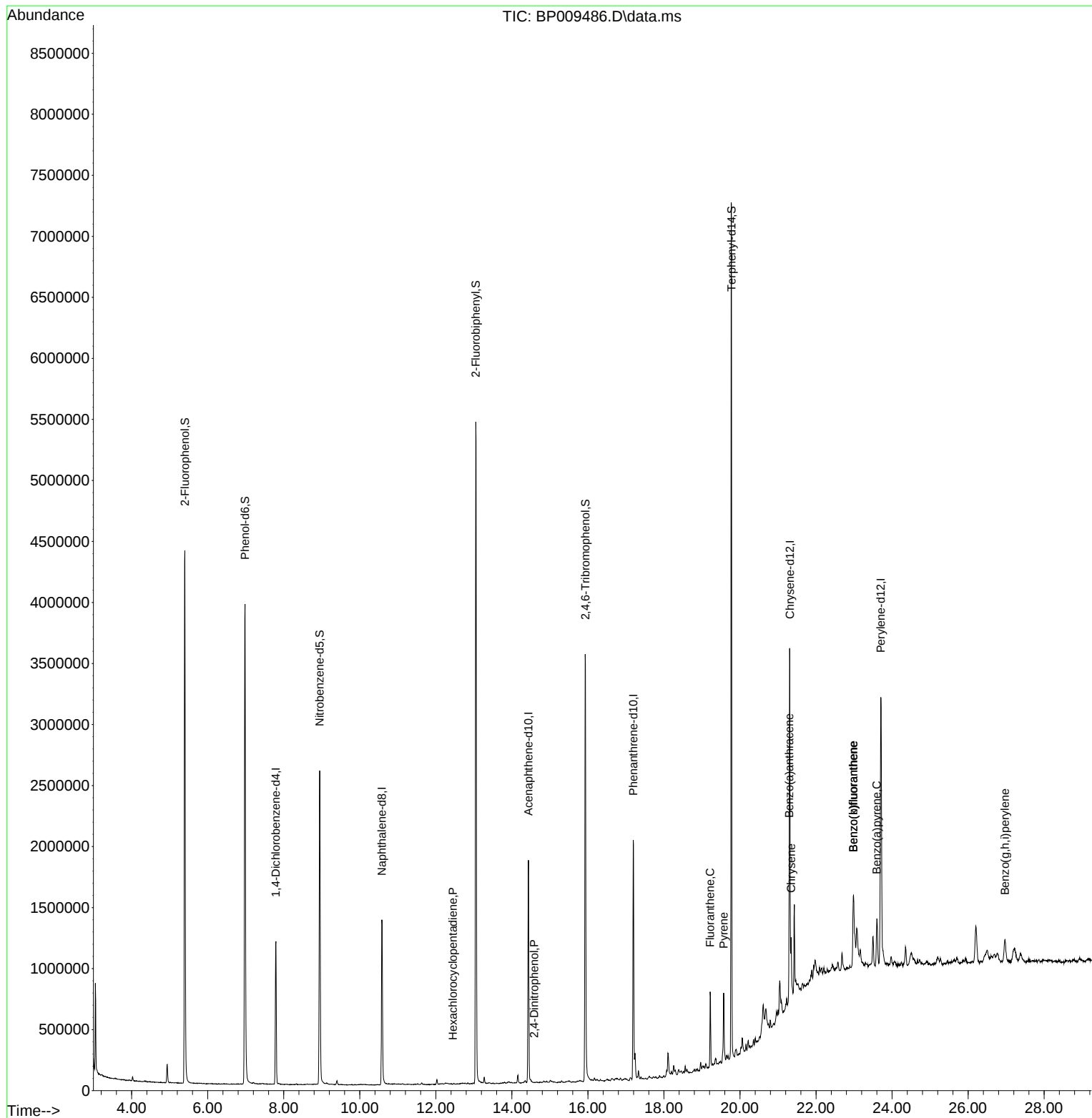
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	361594	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1306911	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	712781	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1299691	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	1372629	20.000	ng	0.00
86) Perylene-d12	23.704	264	1768961	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2241476	108.228	ng	0.00
7) Phenol-d6	6.981	99	2722015	97.186	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1676042	68.150	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	813158	69.134	ng	-0.01
45) 2-Fluorobiphenyl	13.051	172	3214465	62.518	ng	-0.01
79) Terphenyl-d14	19.775	244	3657866	47.831	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.981	77	6007	Below Cal	#	12
41) Hexachlorocyclopentadiene	12.451	237	25	7.291	ng	93
54) 2,4-Dinitrophenol	14.587	184	61	4.541	ng	# 1
75) Fluoranthene	19.216	202	383209	4.550	ng	99
78) Pyrene	19.569	202	374586	4.141	ng	100
81) Benzo(a)anthracene	21.292	228	264060	2.928	ng	97
83) Chrysene	21.345	228	272634	3.193	ng	98
88) Benzo(b)fluoranthene	22.980	252	462113	4.376	ng	96
89) Benzo(k)fluoranthene	22.980	252	462113	4.469	ng	96
90) Benzo(a)pyrene	23.598	252	324781	3.595	ng	99
92) Benzo(g,h,i)perylene	26.968	276	261288	2.375	ng	96

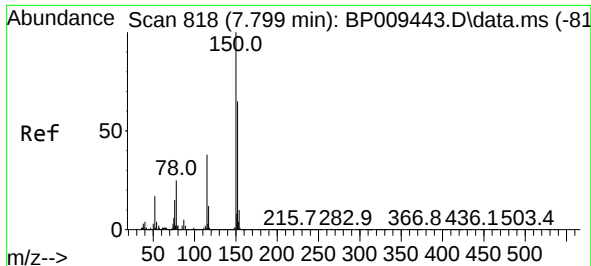
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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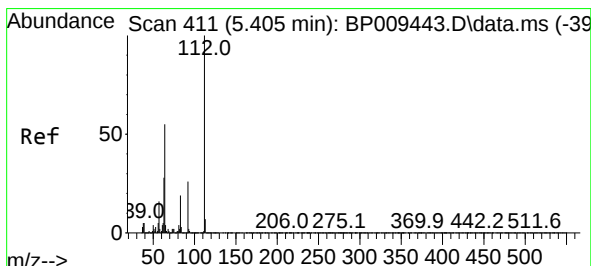
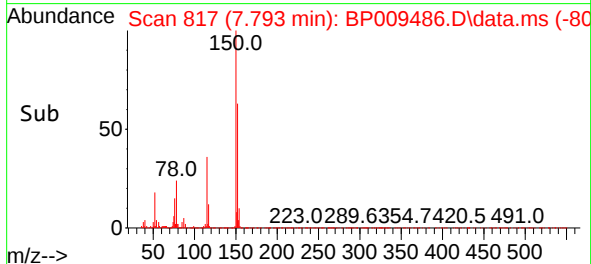
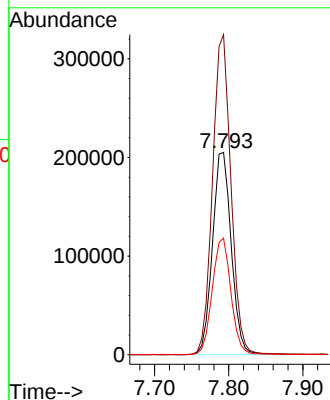
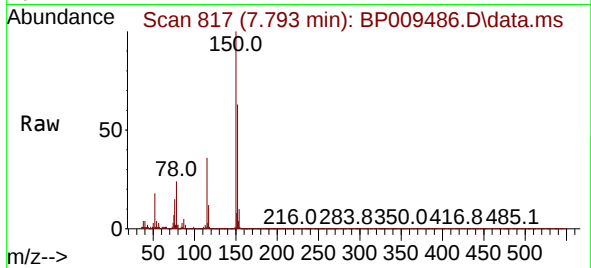




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

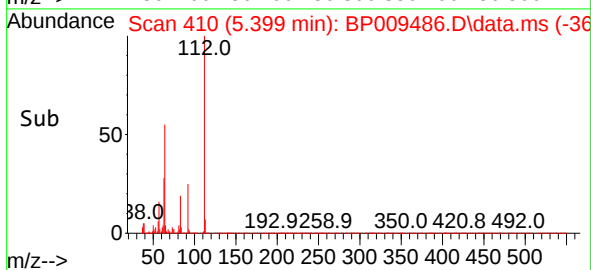
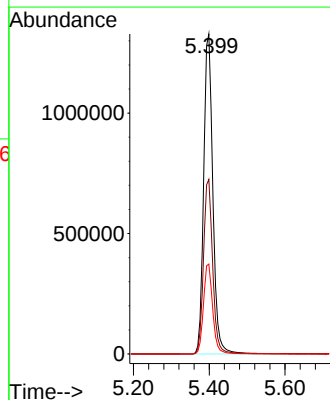
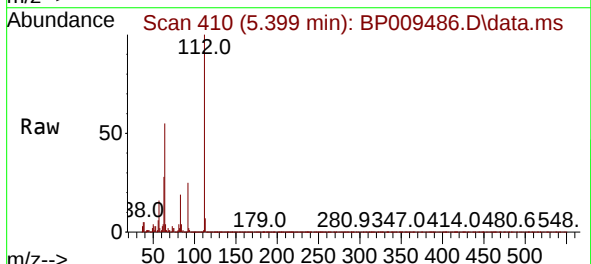
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

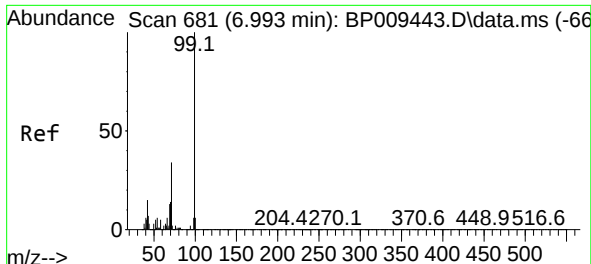
Tgt Ion:152 Resp: 361594
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 57.6 48.2 72.4



#5
2-Fluorophenol
Concen: 108.228 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:112 Resp: 2241476
Ion Ratio Lower Upper
112 100
64 54.5 45.0 67.4
63 28.1 23.0 34.6

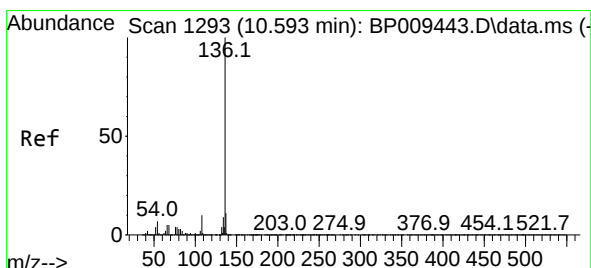
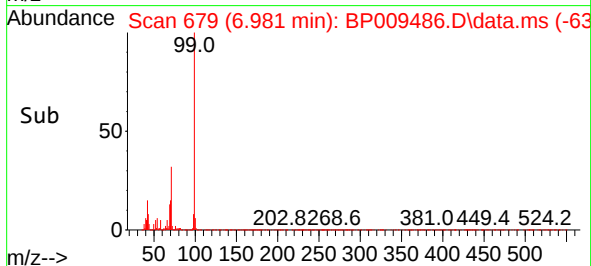
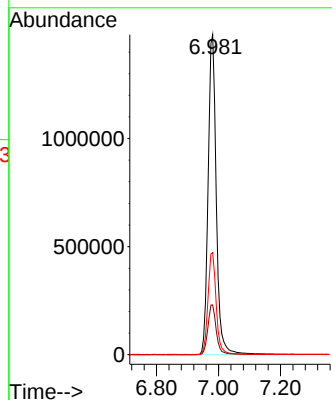
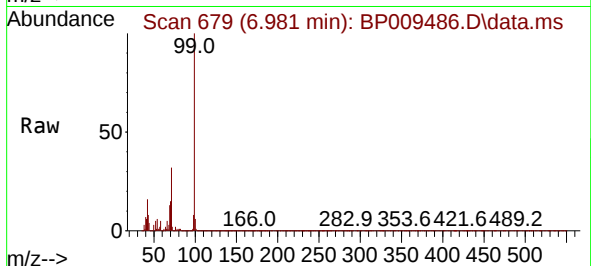




#7
Phenol-d6
Concen: 97.186 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

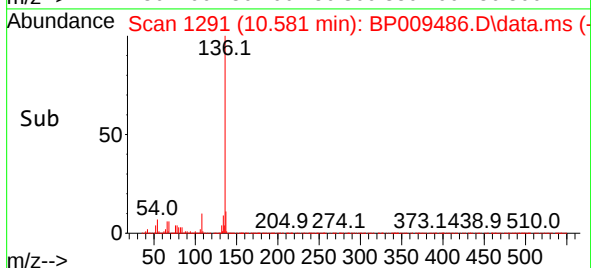
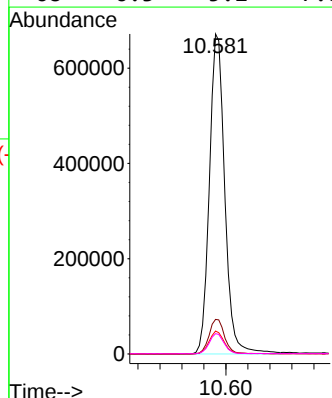
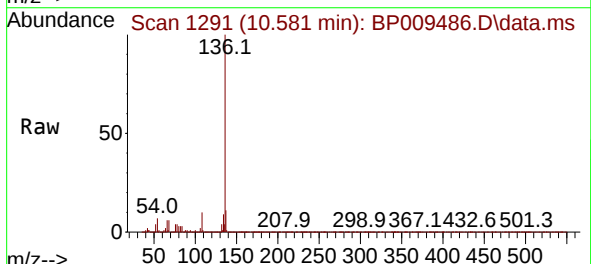
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

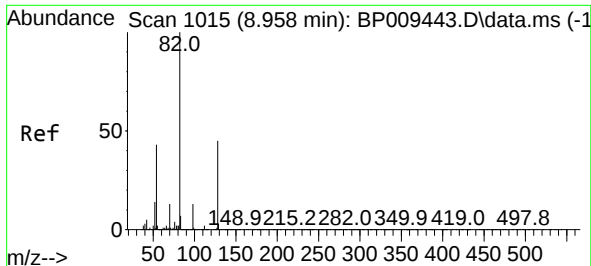
Tgt Ion: 99 Resp: 2722015
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 31.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:136 Resp: 1306911
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 5.8 8.8
68 6.3 5.2 7.8

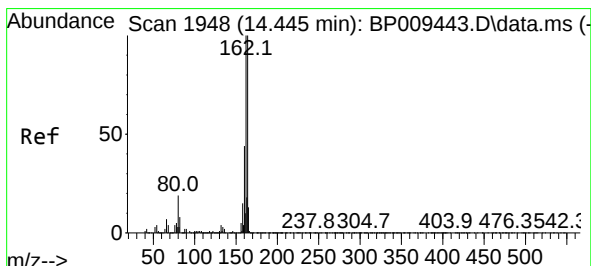
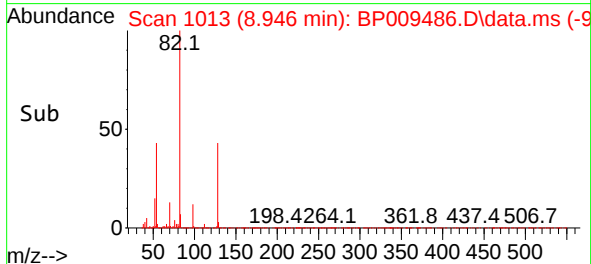
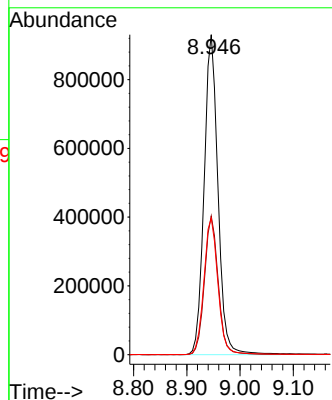
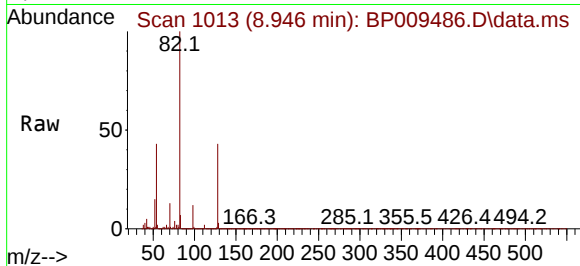




#23
Nitrobenzene-d5
Concen: 68.150 ng
RT: 8.946 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

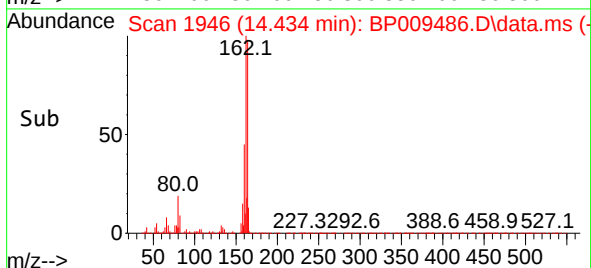
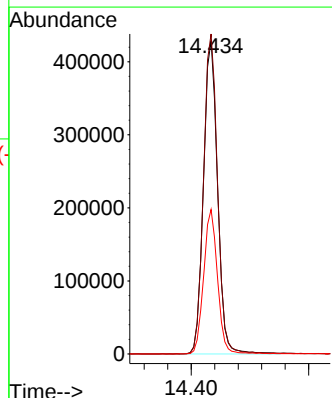
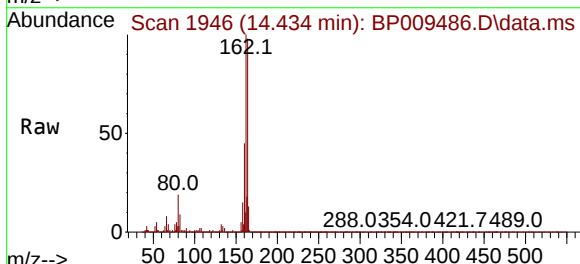
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

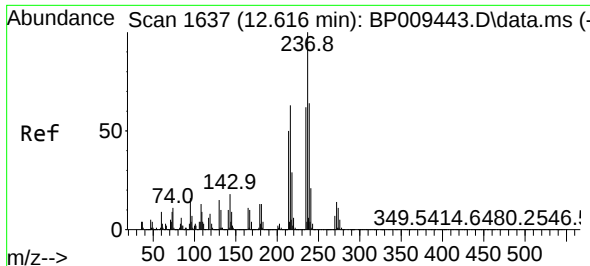
Tgt Ion: 82 Resp: 1676042
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 42.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:164 Resp: 712781
Ion Ratio Lower Upper
164 100
162 102.0 79.1 118.7
160 46.1 34.9 52.3

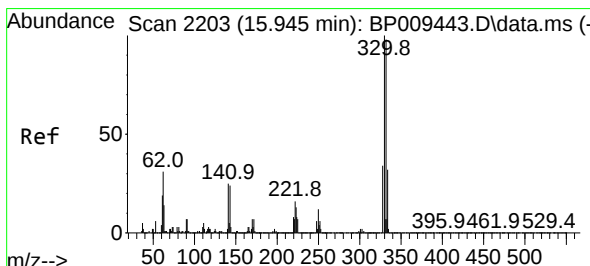
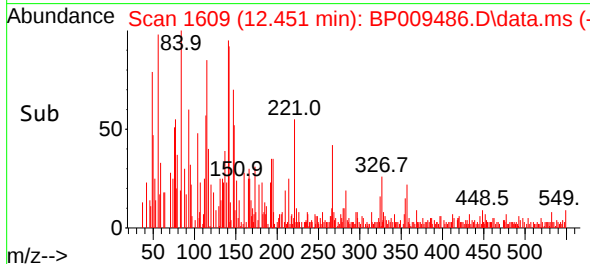
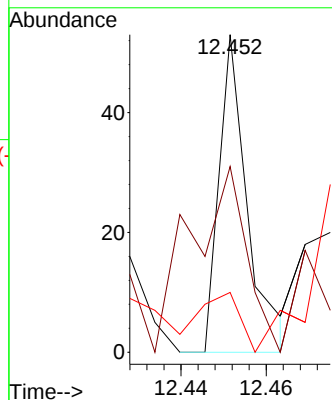
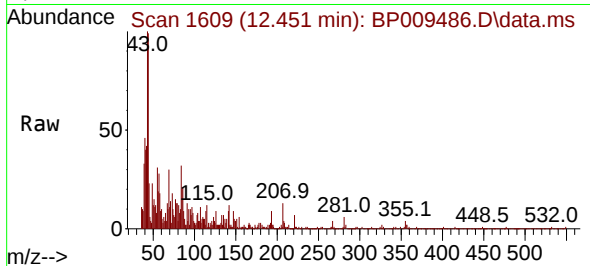




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.451 min Scan# 1609
Delta R.T. -0.165 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

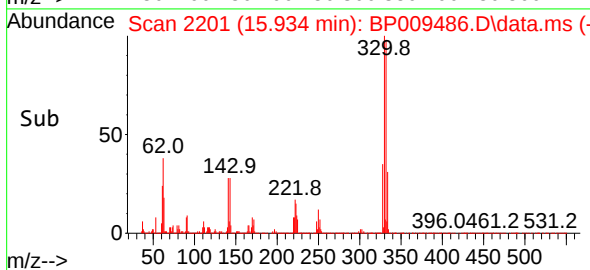
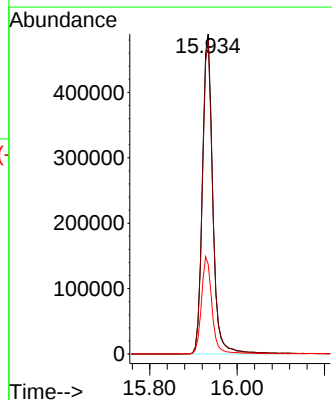
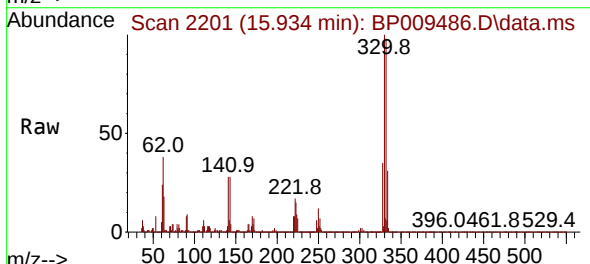
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

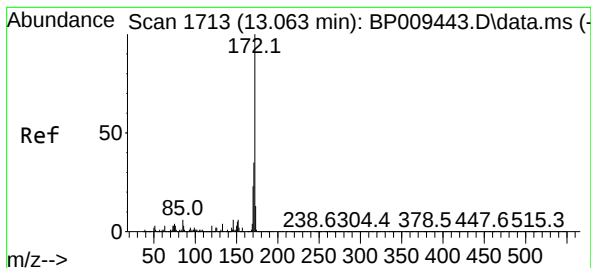
Tgt Ion:237	Resp:	25
Ion Ratio	Lower	Upper
237	100	
235	58.5	42.6 82.6
272	18.9	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 69.134 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:330	Resp:	813158
Ion Ratio	Lower	Upper
330	100	
332	97.6	77.0 115.6
141	30.7	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 62.518 ng

RT: 13.051 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

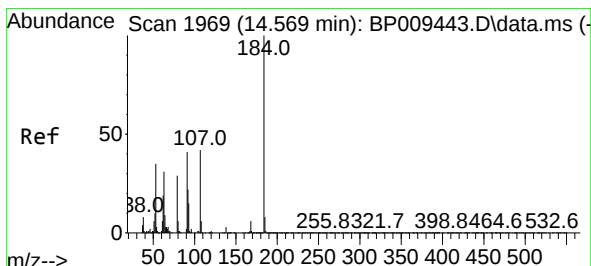
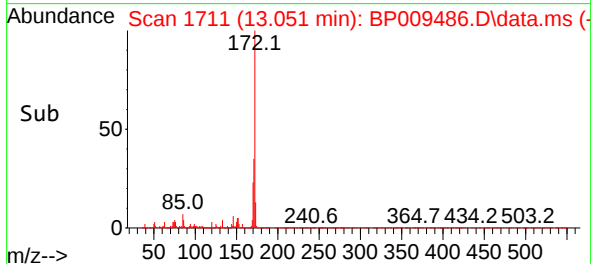
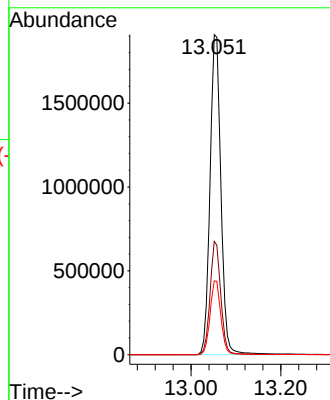
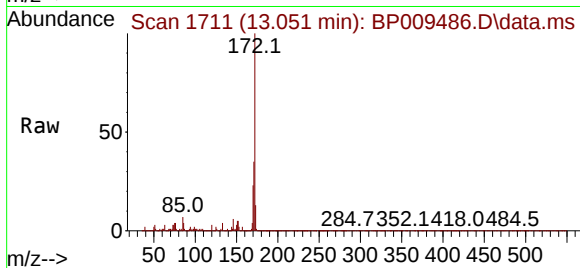
Tgt Ion:172 Resp: 3214465

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.1 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.541 ng

RT: 14.587 min Scan# 1972

Delta R.T. 0.018 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

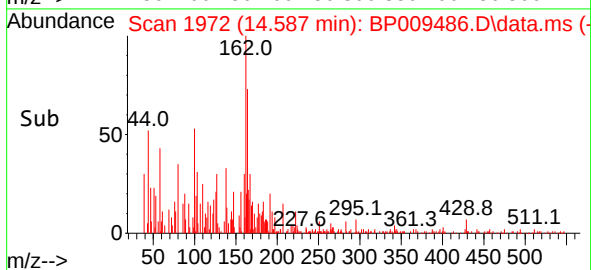
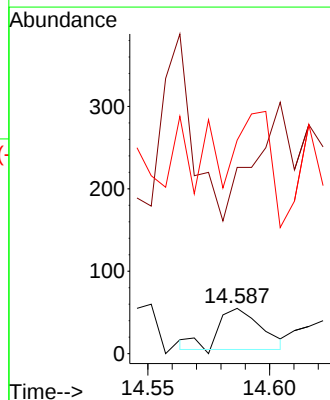
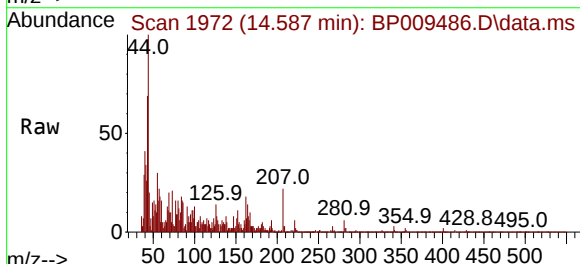
Tgt Ion:184 Resp: 61

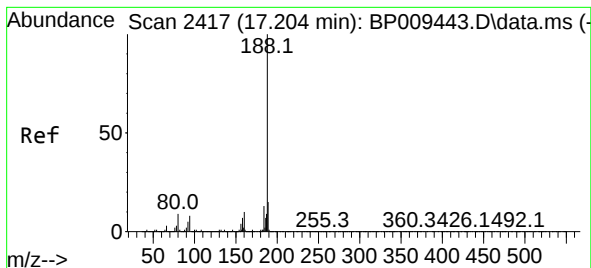
Ion Ratio Lower Upper

184 100

63 410.9 46.3 69.5#

154 470.9 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. -0.012 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

Instrument :

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ClientSampleId :

SB-08-COMP

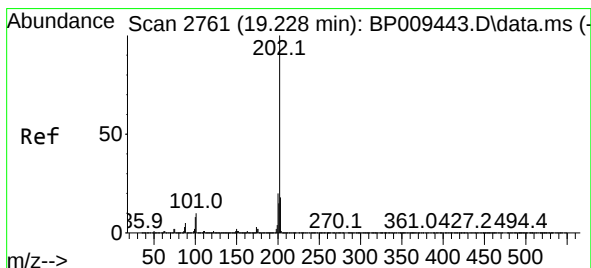
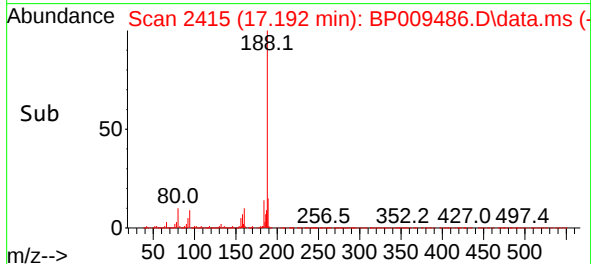
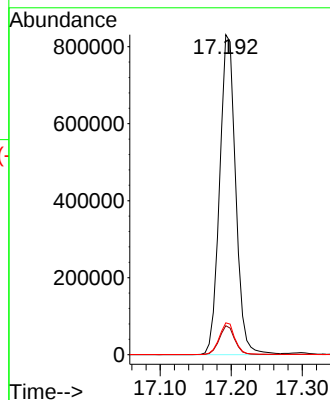
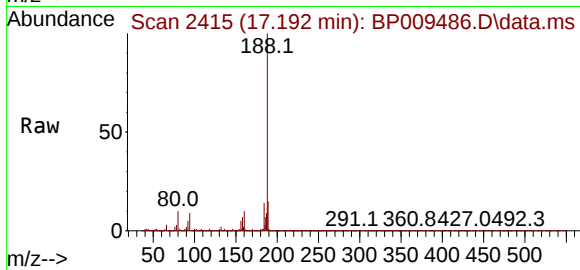
Tgt Ion:188 Resp: 1299691

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 9.9 8.8 13.2



#75

Fluoranthene

Concen: 4.550 ng

RT: 19.216 min Scan# 2759

Delta R.T. -0.012 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

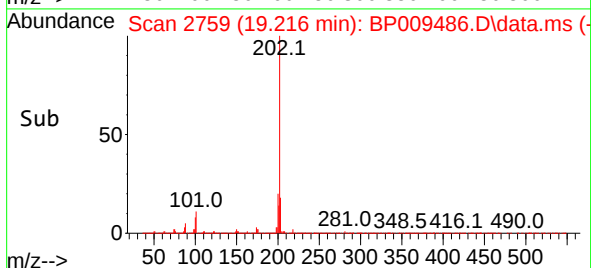
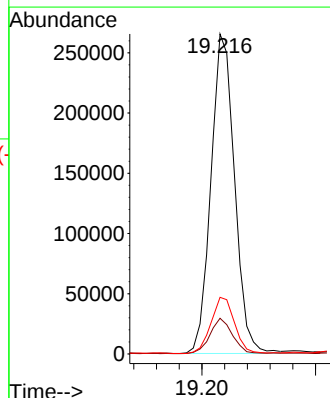
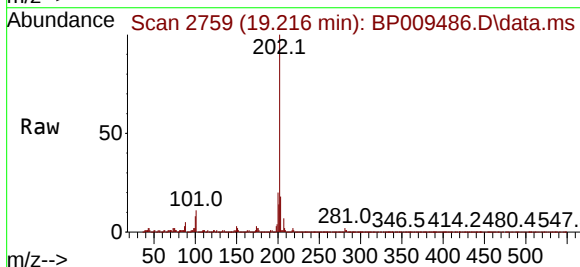
Tgt Ion:202 Resp: 383209

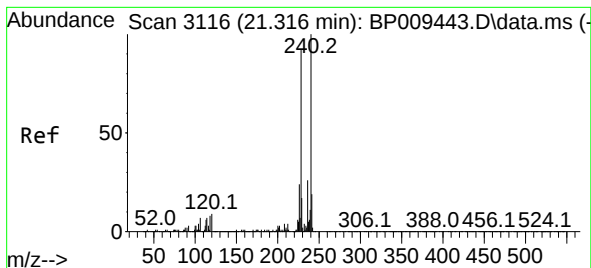
Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.5

203 17.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

Instrument :

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SB-08-COMP

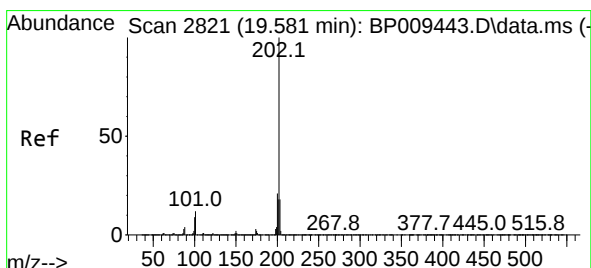
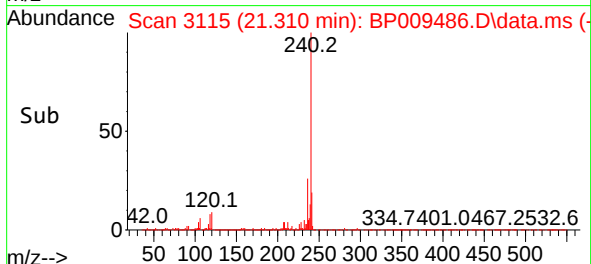
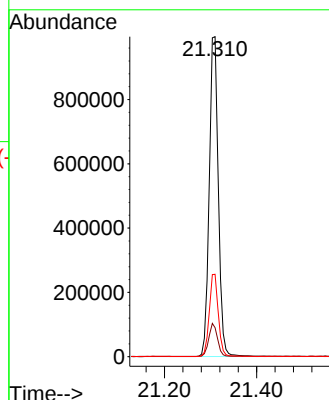
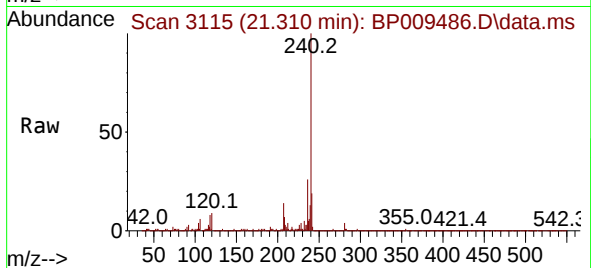
Tgt Ion:240 Resp: 1372629

Ion Ratio Lower Upper

240 100

120 9.1 9.0 13.4

236 25.8 20.6 30.8



#78

Pyrene

Concen: 4.141 ng

RT: 19.569 min Scan# 2819

Delta R.T. -0.012 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

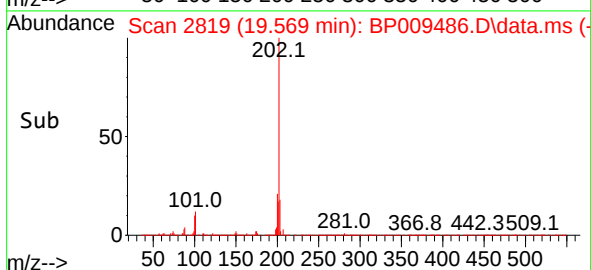
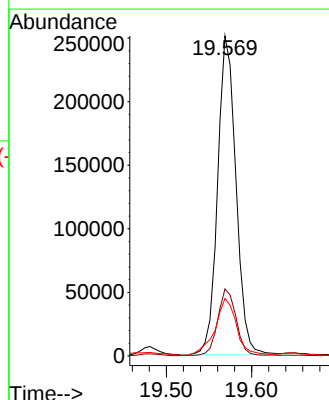
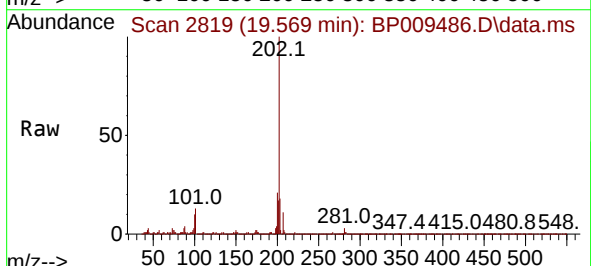
Tgt Ion:202 Resp: 374586

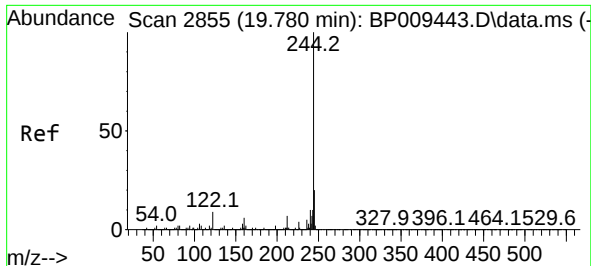
Ion Ratio Lower Upper

202 100

200 21.0 16.8 25.2

203 18.0 14.2 21.4

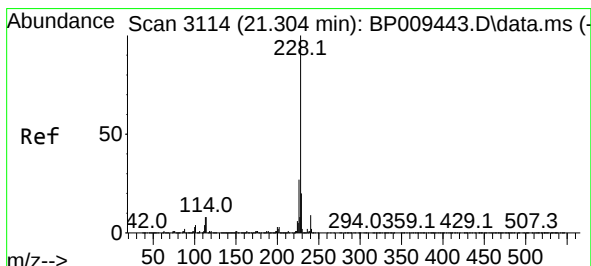
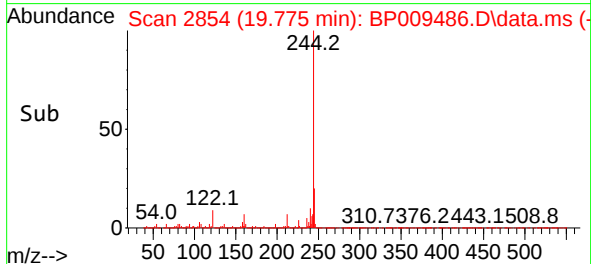
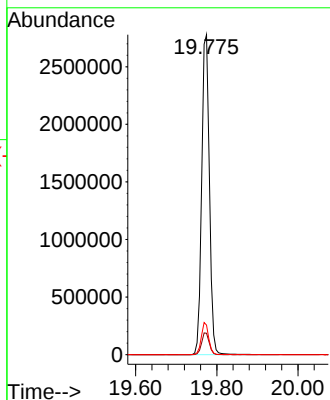
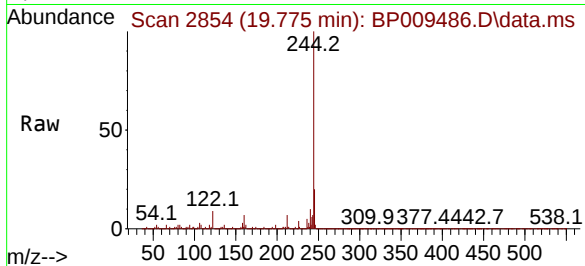




#79
 Terphenyl-d14
 Concen: 47.831 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009486.D
 Acq: 22 Mar 2022 14:07

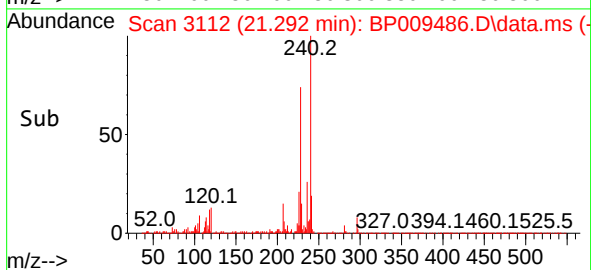
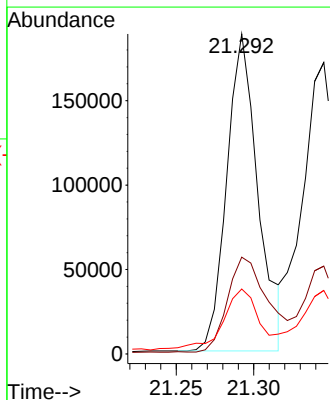
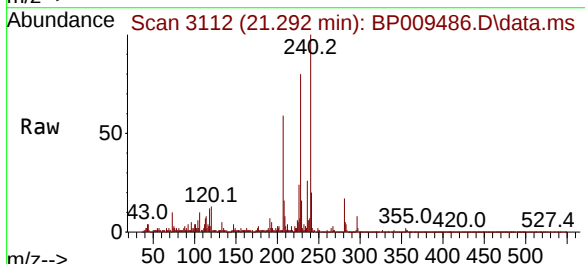
Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP

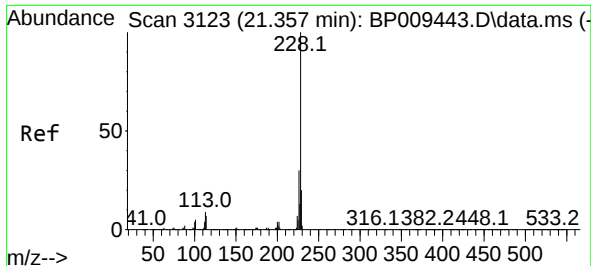
Tgt Ion:244 Resp: 3657866
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.2 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 2.928 ng
 RT: 21.292 min Scan# 3112
 Delta R.T. -0.012 min
 Lab File: BP009486.D
 Acq: 22 Mar 2022 14:07

Tgt Ion:228 Resp: 264060
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.0 33.0
 229 20.3 16.1 24.1

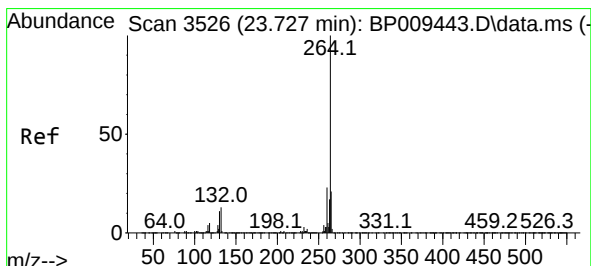
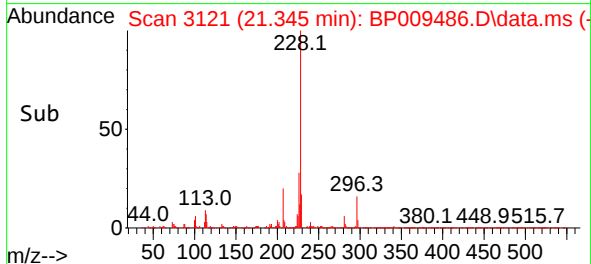
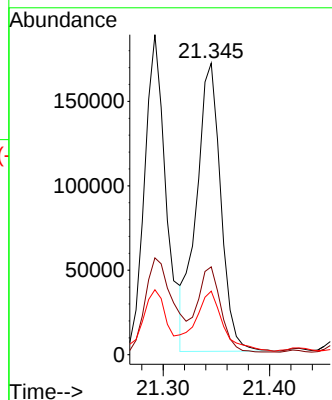
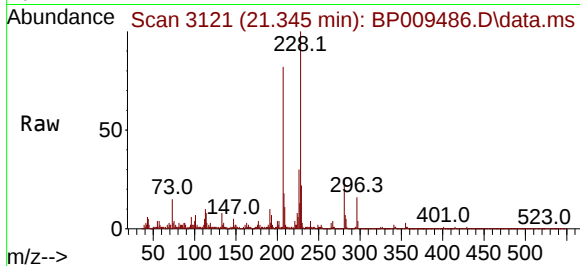




#83
Chrysene
Concen: 3.193 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

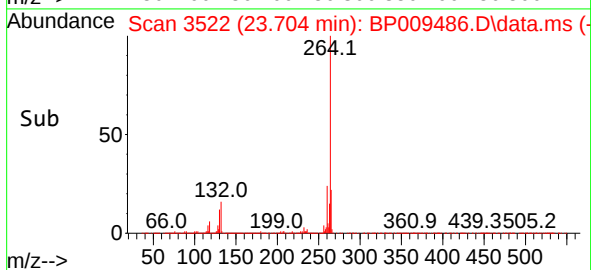
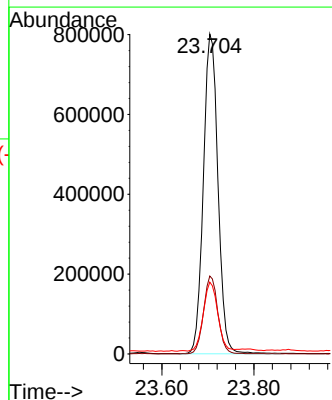
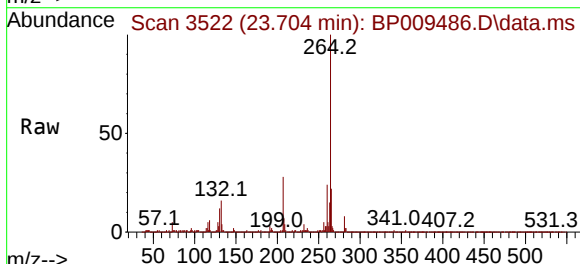
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

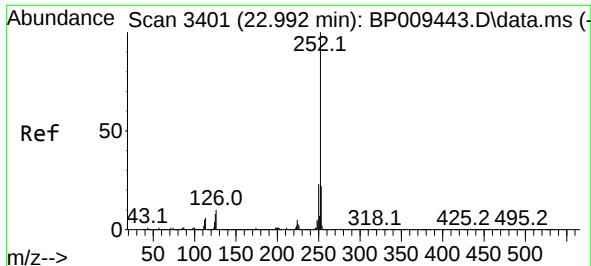
Tgt Ion:228 Resp: 272634
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.8 16.1 24.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. -0.023 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:264 Resp: 1768961
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 22.5 17.2 25.8

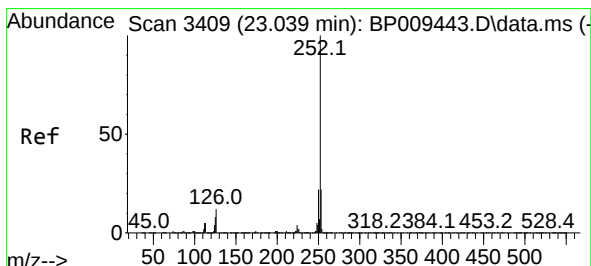
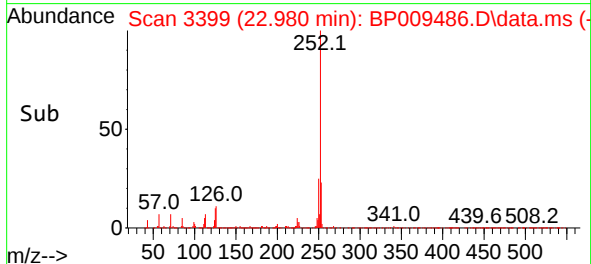
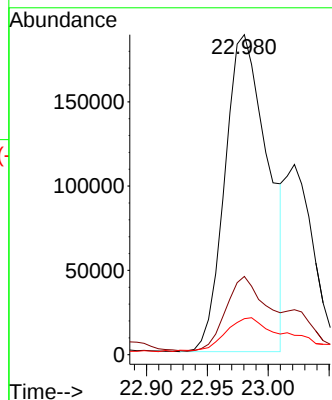
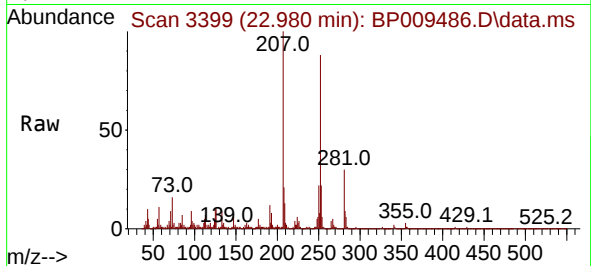




#88
Benzo(b)fluoranthene
Concen: 4.376 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

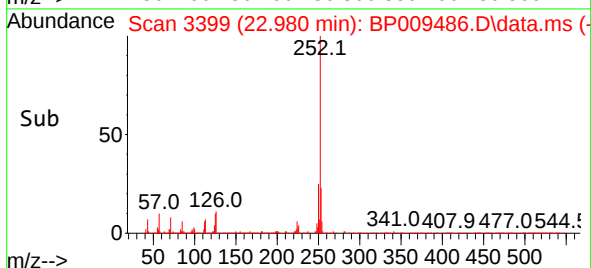
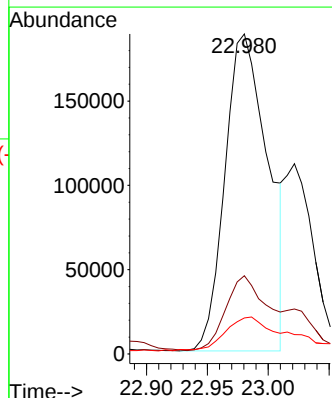
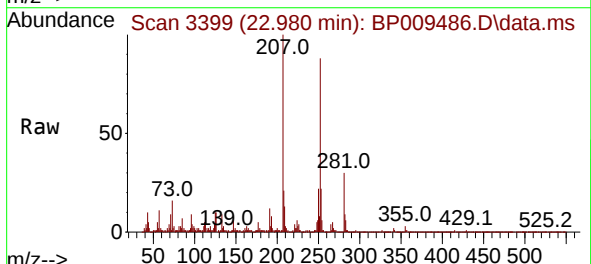
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

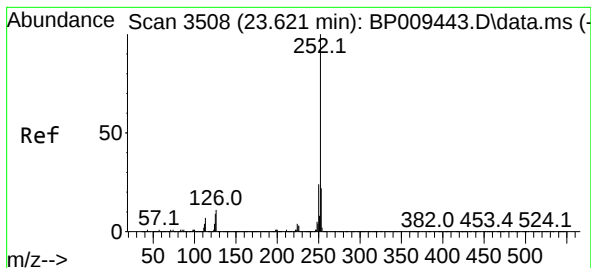
Tgt Ion:252 Resp: 462113
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 11.3 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 4.469 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.059 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Tgt Ion:252 Resp: 462113
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 11.3 8.3 12.5





#90

Benzo(a)pyrene

Concen: 3.595 ng

RT: 23.598 min Scan# 31

Delta R.T. -0.023 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

Instrument :

BNA_P

ClientSampleId :

SB-08-COMP

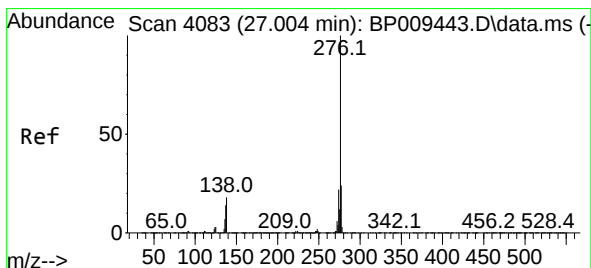
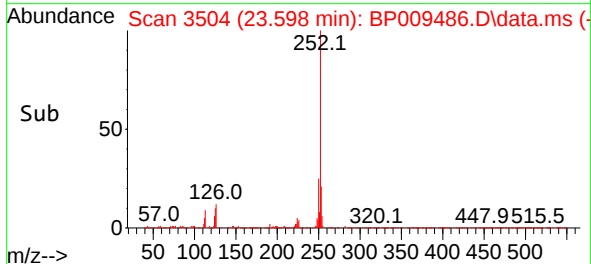
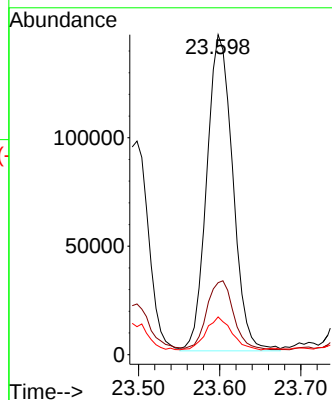
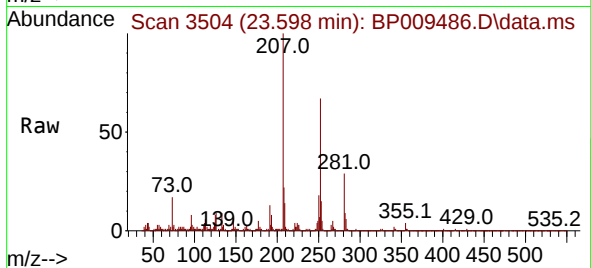
Tgt Ion:252 Resp: 324781

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 11.8 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 2.375 ng

RT: 26.968 min Scan# 4077

Delta R.T. -0.035 min

Lab File: BP009486.D

Acq: 22 Mar 2022 14:07

Tgt Ion:276 Resp: 261288

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 18.7 18.0 27.0

