

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)

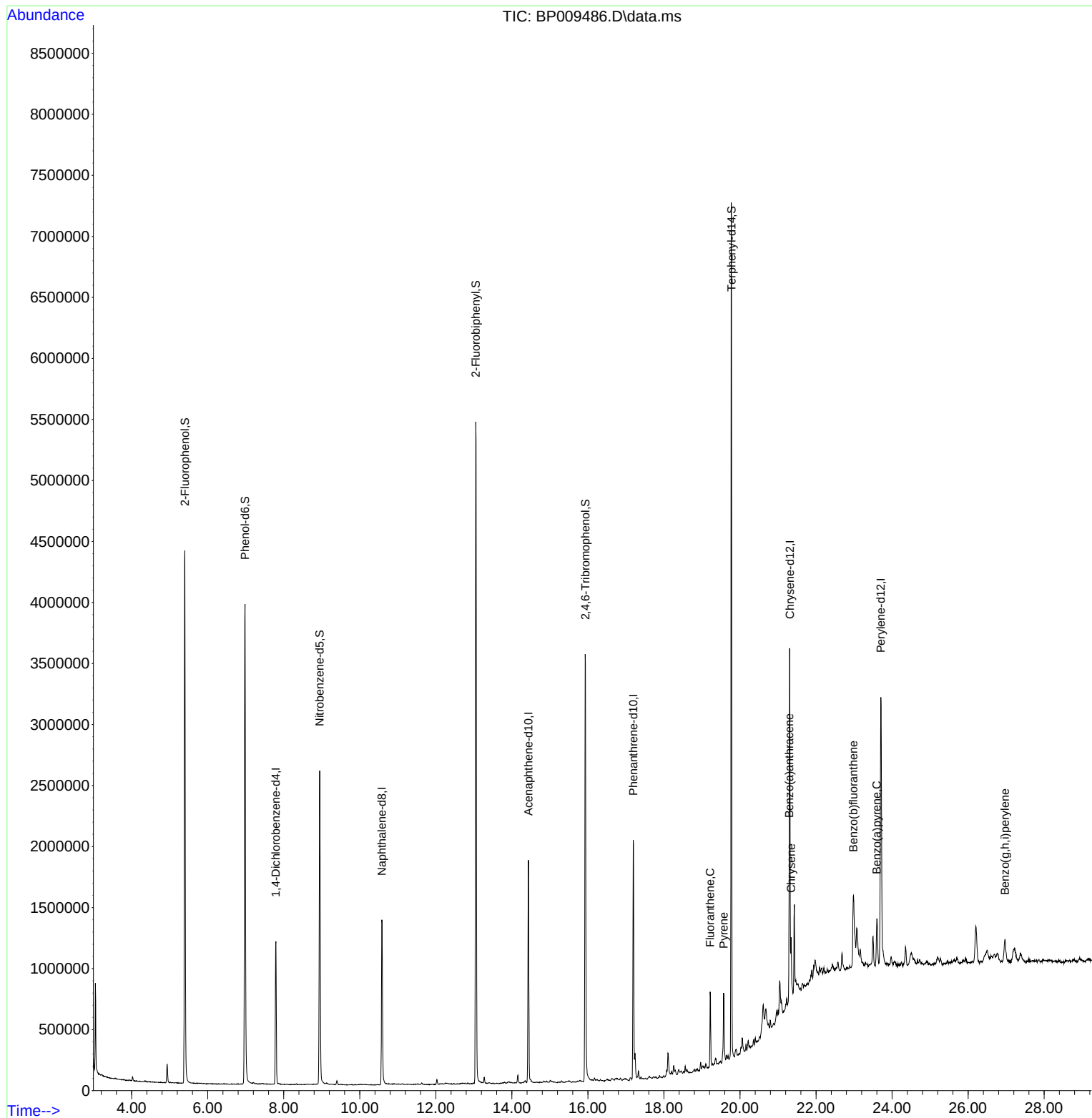
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	361594	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	1306911	20.000	ng	-0.01
39) Acenaphthene-d10	14.434	164	712781	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1299691	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	1372629	20.000	ng	0.00
86) 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
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
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

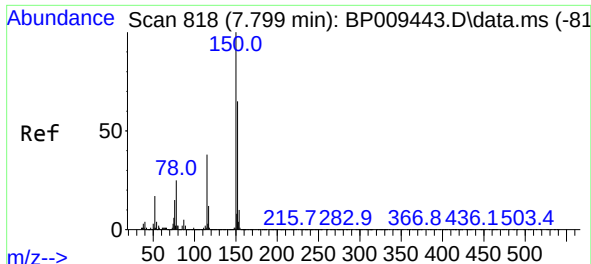
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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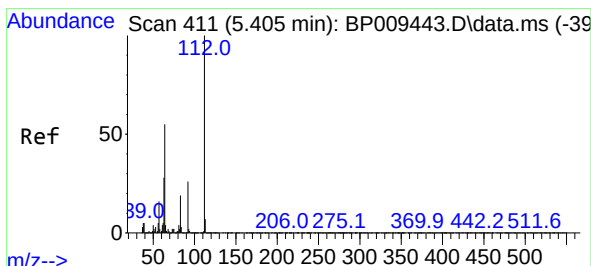
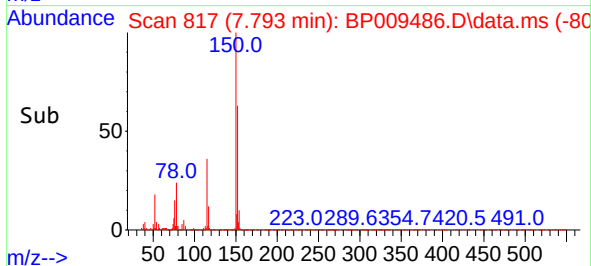
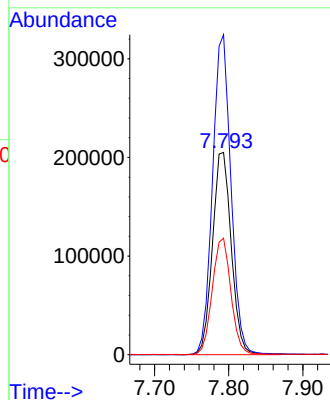
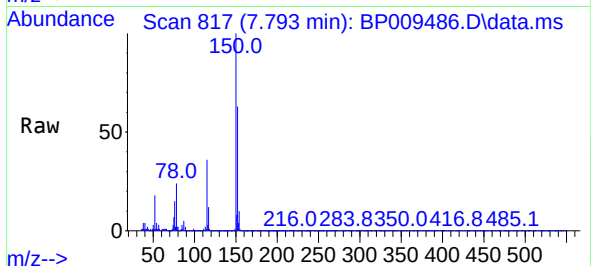




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

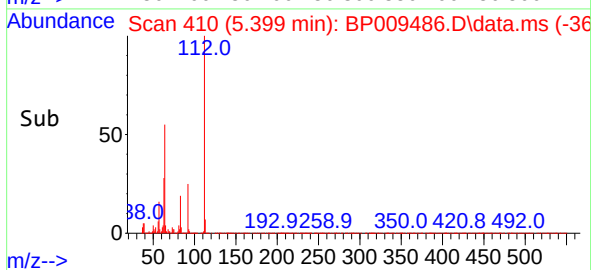
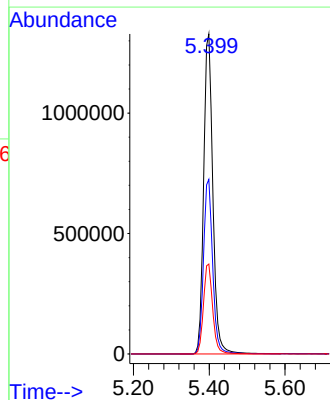
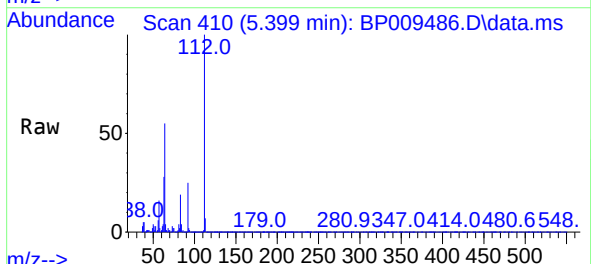
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

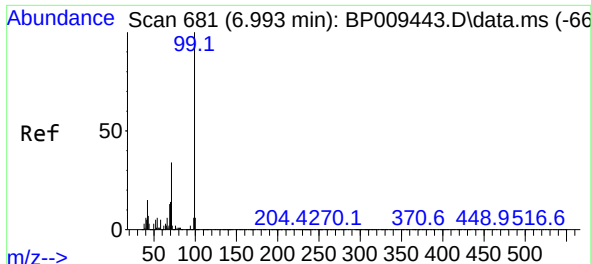
Tgt Ion:152 Resp: 361594
Ion Ratio Lower Upper
152 100
150 158.2 124.5 186.7
115 57.6 48.2 72.4



#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



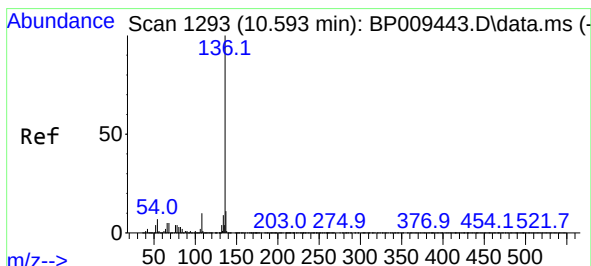
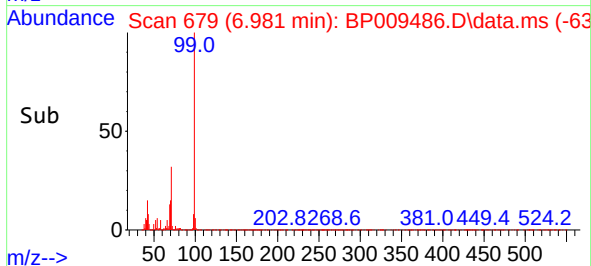
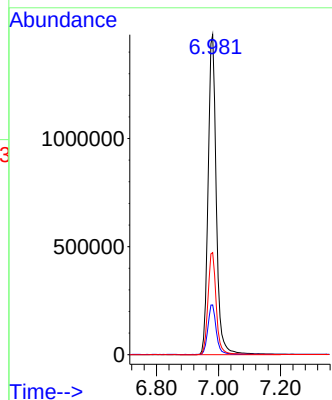
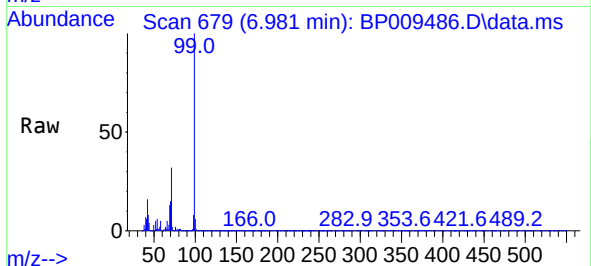


#7
Phenol-d6
Concen: 97.186 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

Tgt Ion: 99 Resp: 2722015

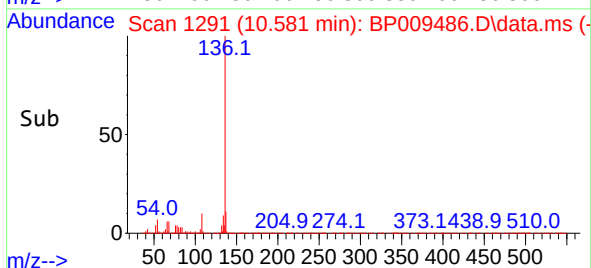
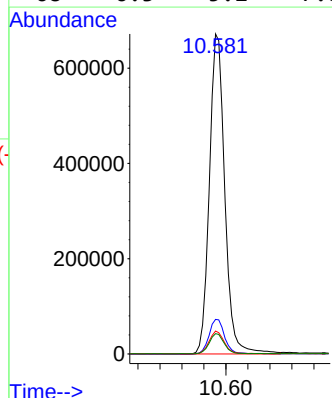
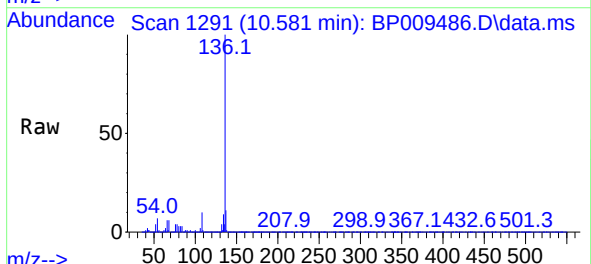
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.8	19.2
71	31.9	26.3	39.5

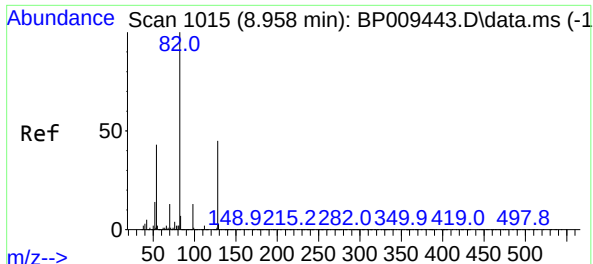


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

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

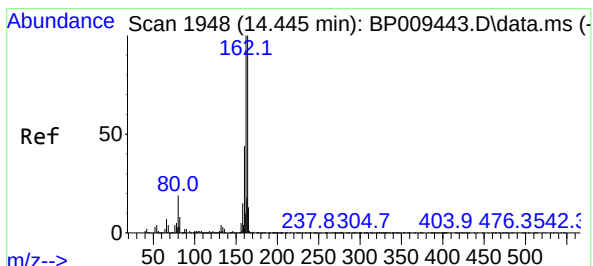
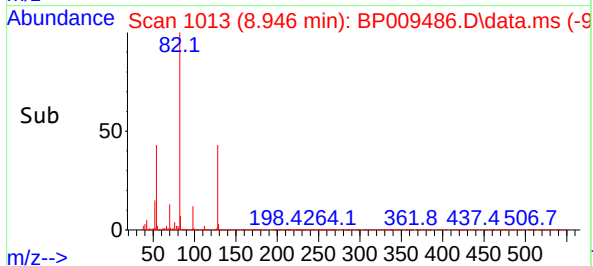
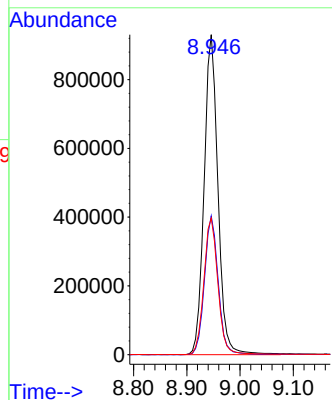
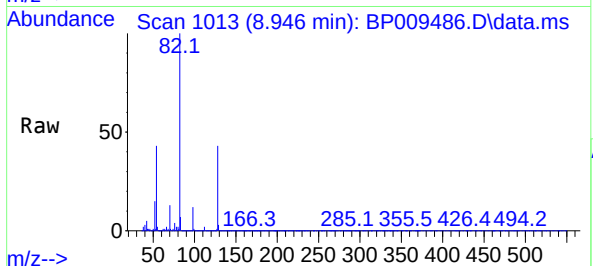




#23
Nitrobenzene-d5
Concen: 68.150 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

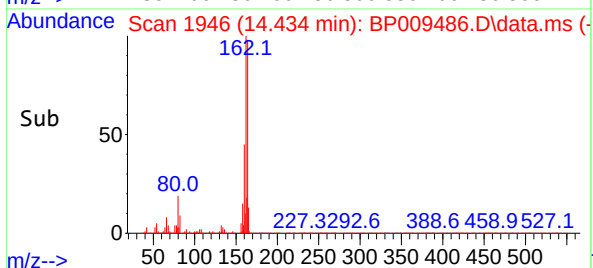
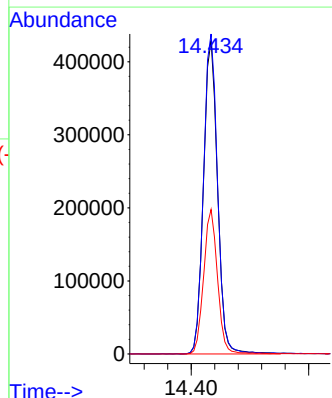
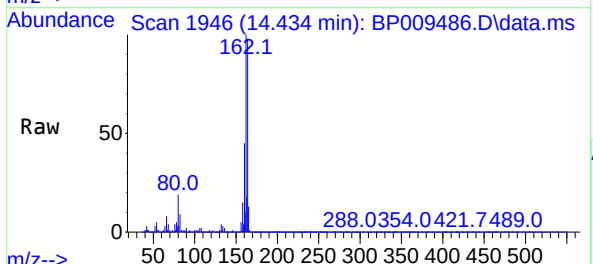
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

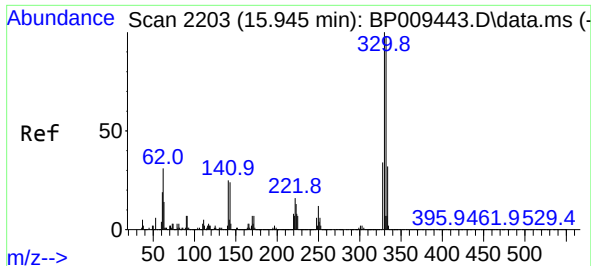
Tgt Ion: 82 Resp: 1676042
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 42.7 34.7 52.1



#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

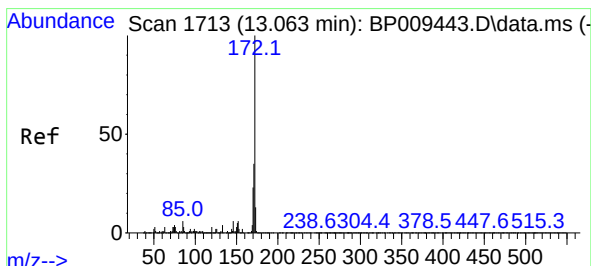
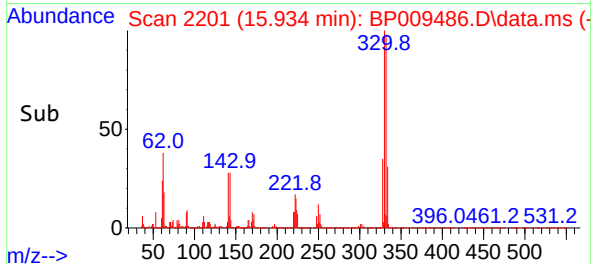
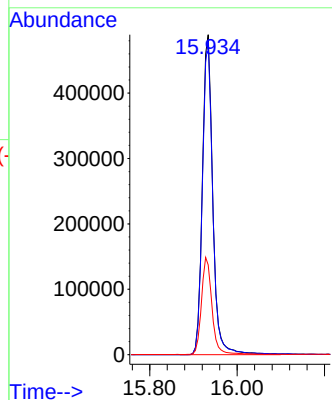
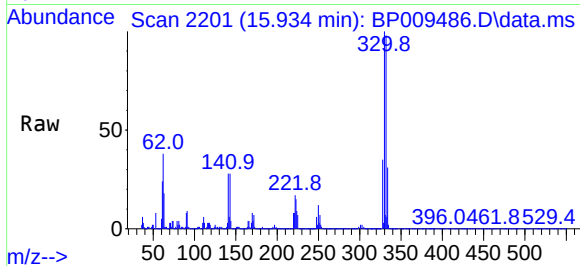




#42
2,4,6-Tribromophenol
Concen: 69.134 ng
RT: 15.934 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

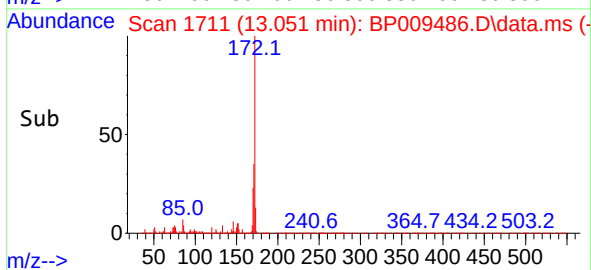
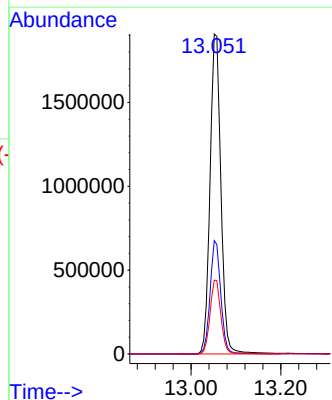
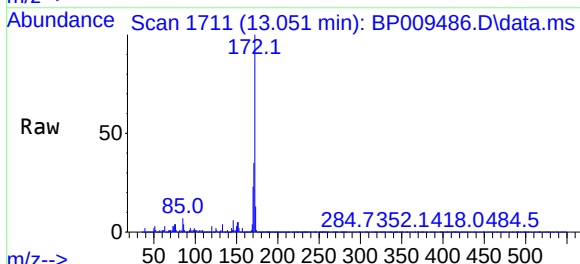
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

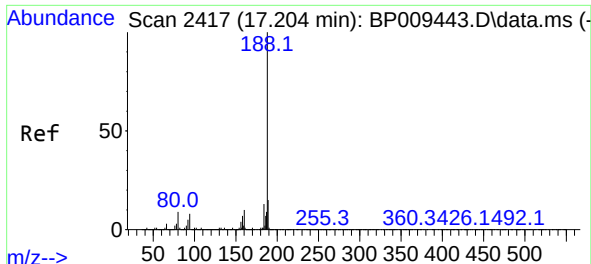
Tgt Ion:330 Resp: 813158
Ion Ratio Lower Upper
330 100
332 97.6 77.0 115.6
141 30.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.518 ng
RT: 13.051 min Scan# 1711
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

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

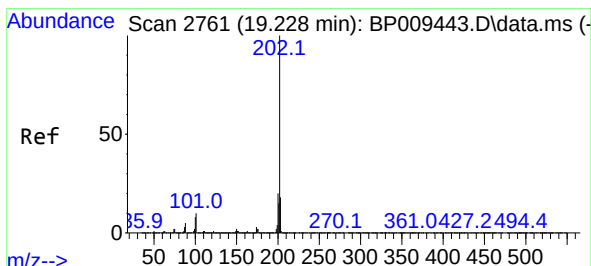
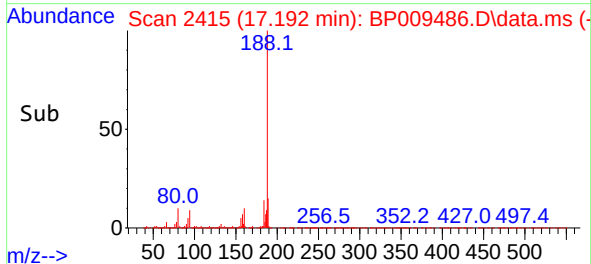
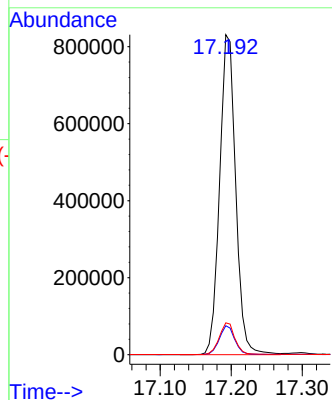
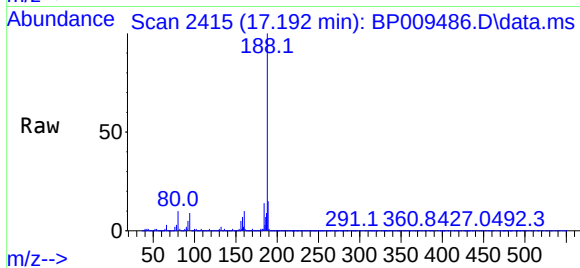




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

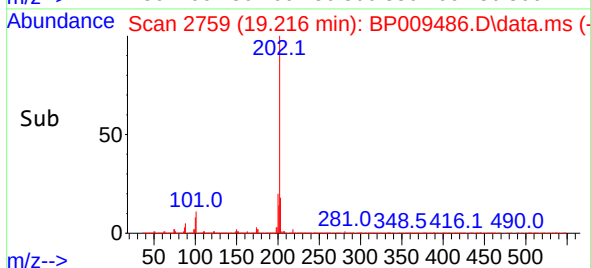
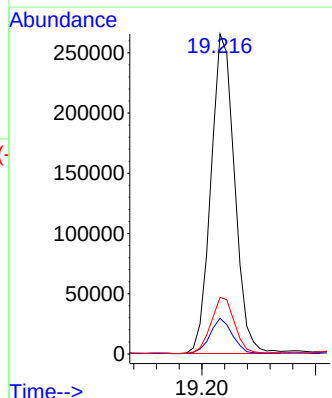
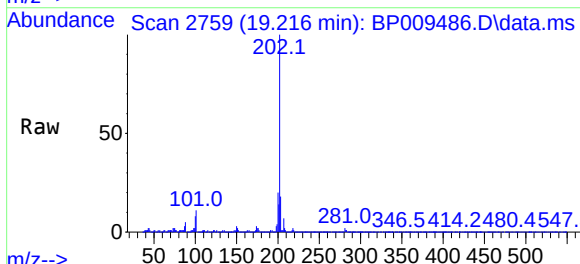
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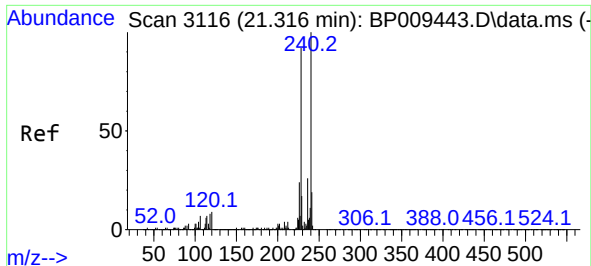
Tgt Ion:188 Resp: 1299691
Ion Ratio Lower Upper
188 100
94 9.1 7.9 11.9
80 9.9 8.8 13.2



#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

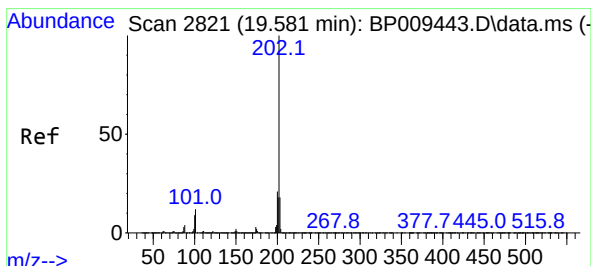
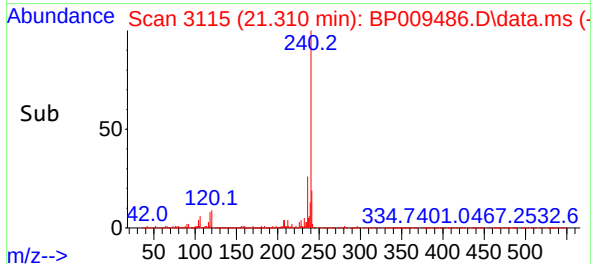
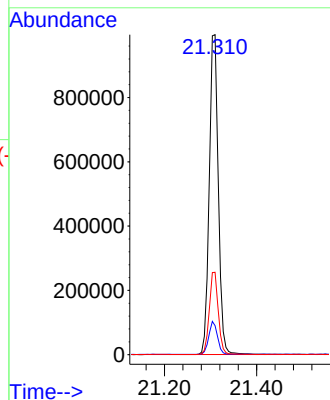
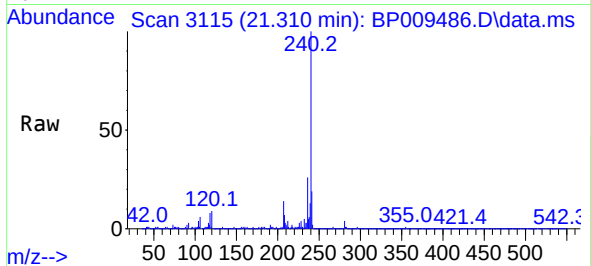




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

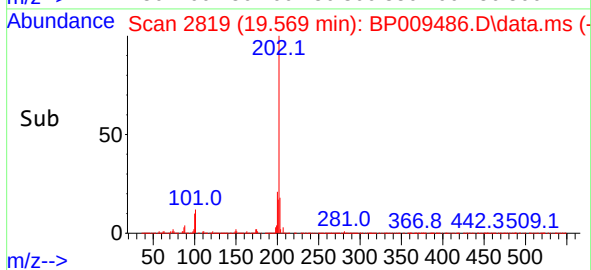
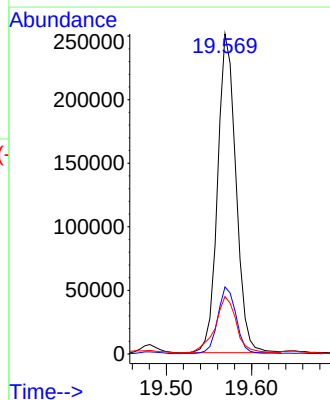
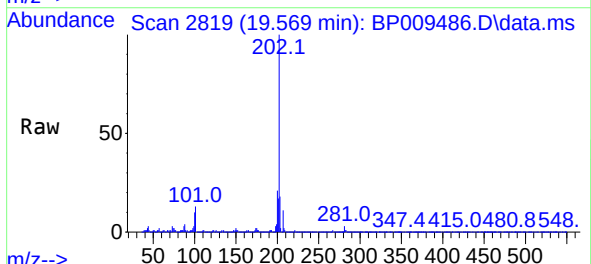
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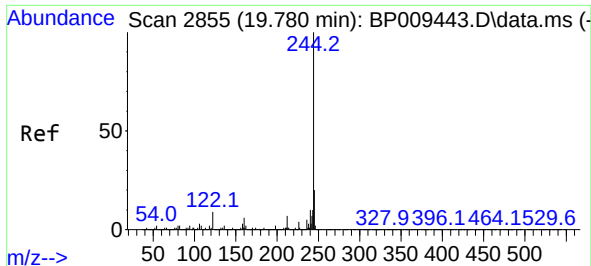
Tgt Ion:240 Resp: 1372629
Ion Ratio Lower Upper
240 100
120 9.1 9.0 13.4
236 25.8 20.6 30.8



#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

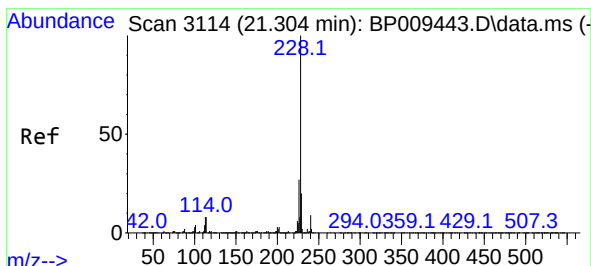
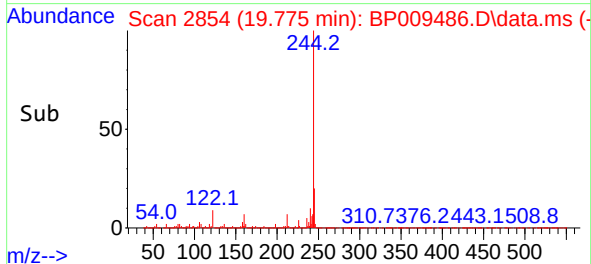
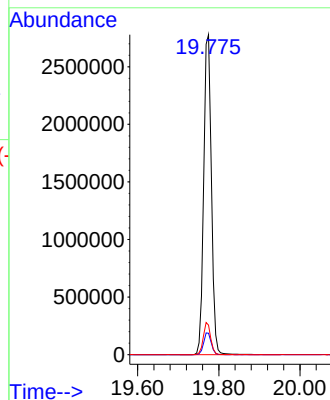
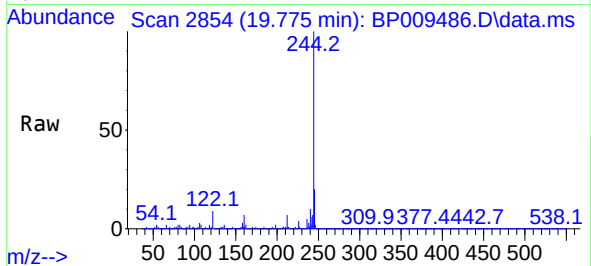




#79
 Terphenyl-d14
 Concen: 47.831 ng
 RT: 19.775 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009486.D
 Acq: 22 Mar 2022 14:07

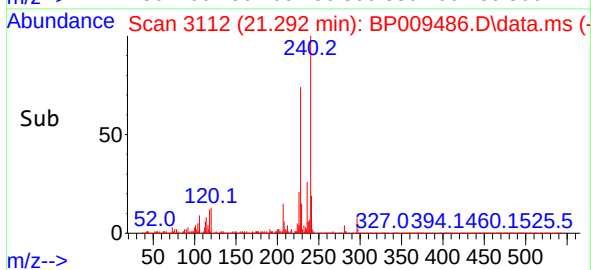
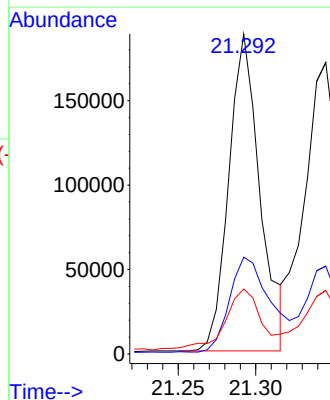
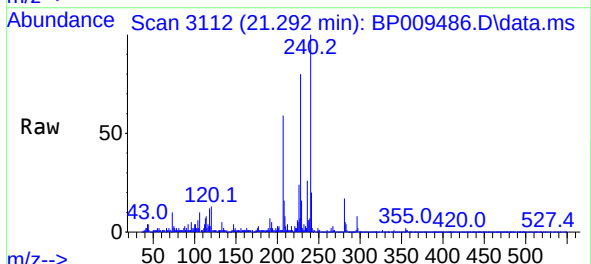
Instrument :
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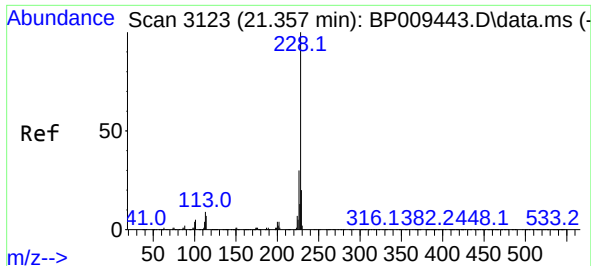
Tgt Ion:244 Resp: 3657866
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 9.2 8.3 12.5



#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

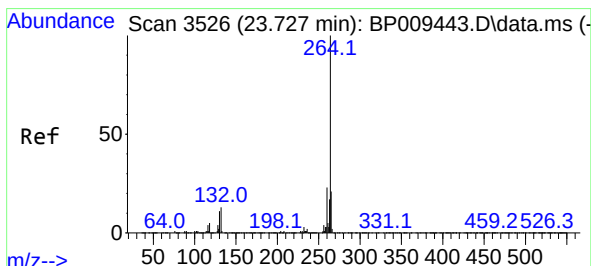
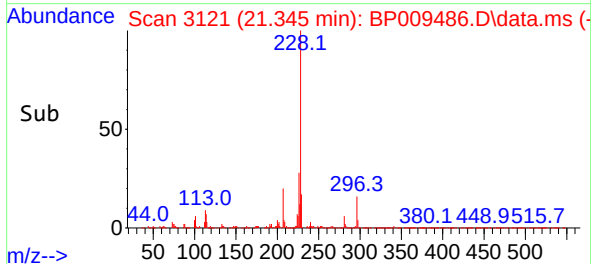
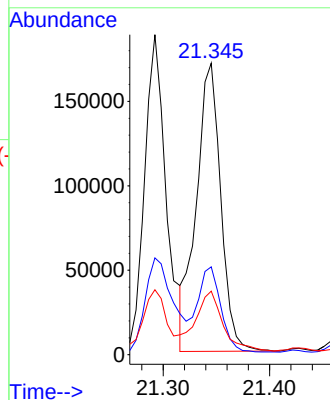
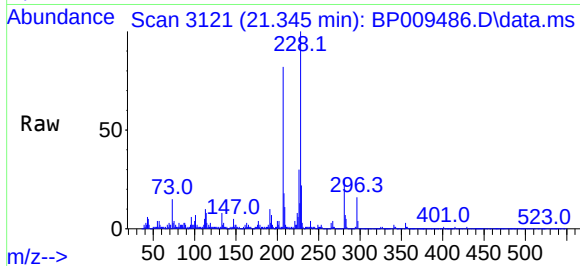




#83
Chrysene
Concen: 3.193 ng
RT: 21.345 min Scan# 3123
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

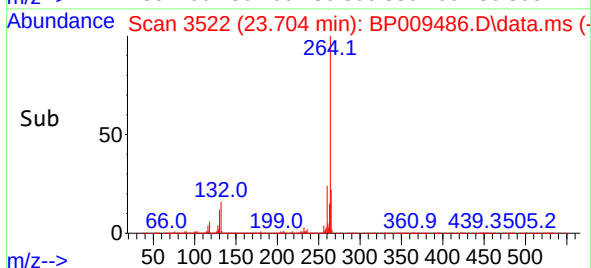
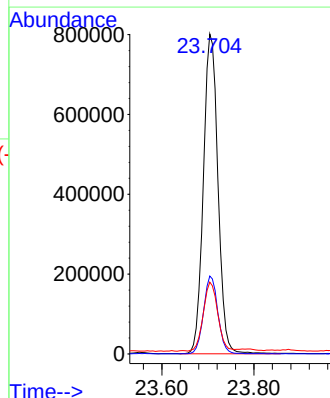
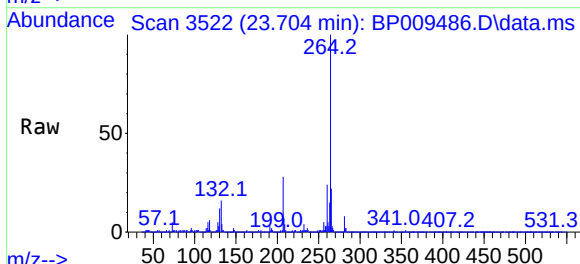
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

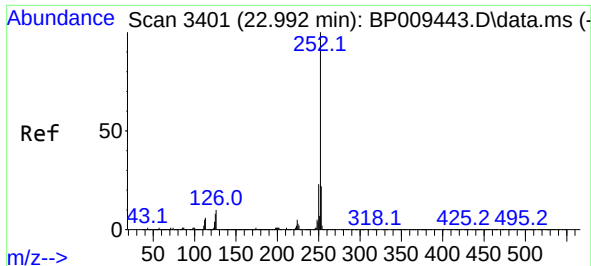
Tgt Ion:228 Resp: 272634
Ion Ratio Lower Upper
228 100
226 30.1 24.2 36.2
229 21.8 16.1 24.1



#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

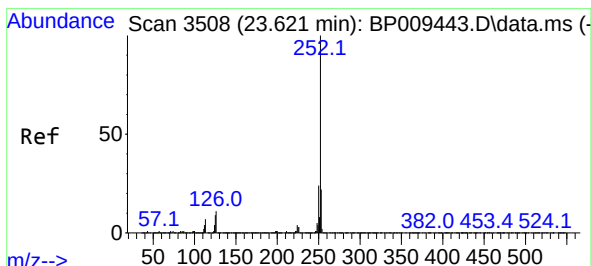
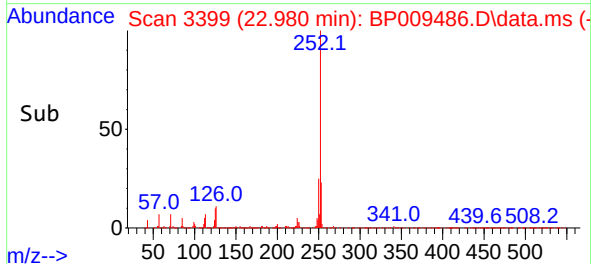
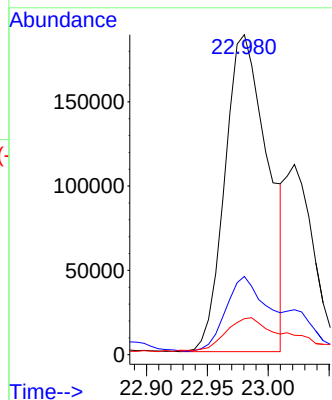
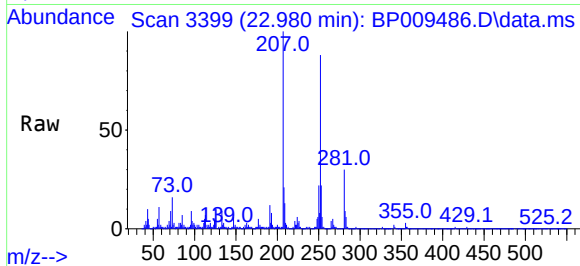




#88
Benzo(b)fluoranthene
Concen: 4.376 ng
RT: 22.980 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

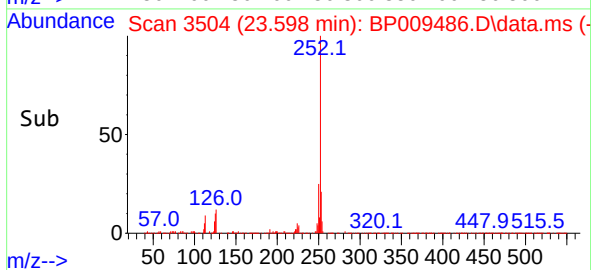
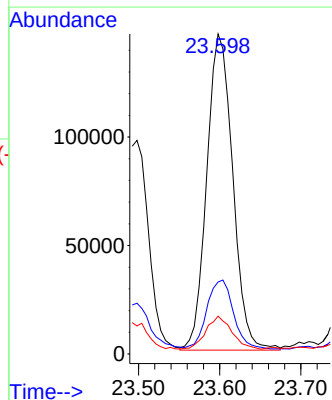
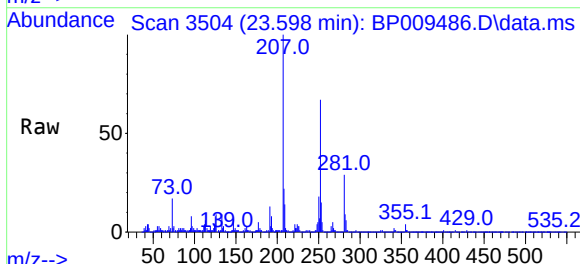
Instrument :
BNA_P
ClientSampleId :
SB-08-COMP

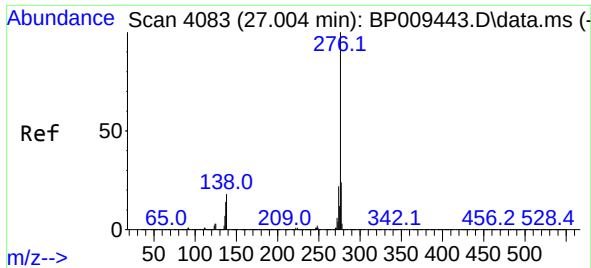
Tgt Ion:252 Resp: 462113
Ion Ratio Lower Upper
252 100
253 24.4 17.8 26.8
125 11.3 8.1 12.1



#90
Benzo(a)pyrene
Concen: 3.595 ng
RT: 23.598 min Scan# 3504
Delta R.T. -0.023 min
Lab File: BP009486.D
Acq: 22 Mar 2022 14:07

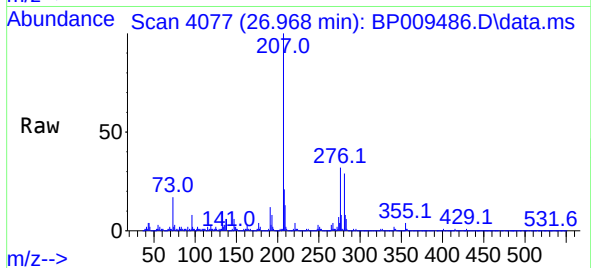
Tgt Ion:252 Resp: 324781
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.6
125 11.8 9.3 13.9





#92
 Benzo(g,h,i)perylene
 Concen: 2.375 ng
 RT: 26.968 min Scan# 40
 Delta R.T. -0.035 min
 Lab File: BP009486.D
 Acq: 22 Mar 2022 14:07

Instrument :
 BNA_P
 ClientSampleId :
 SB-08-COMP



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

