

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013122\
 Data File : BP008963.D
 Acq On : 31 Jan 2022 13:57
 Operator : CG/JU
 Sample : N1280-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RMR-CONDL

Quant Time: Feb 01 04:19:16 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)

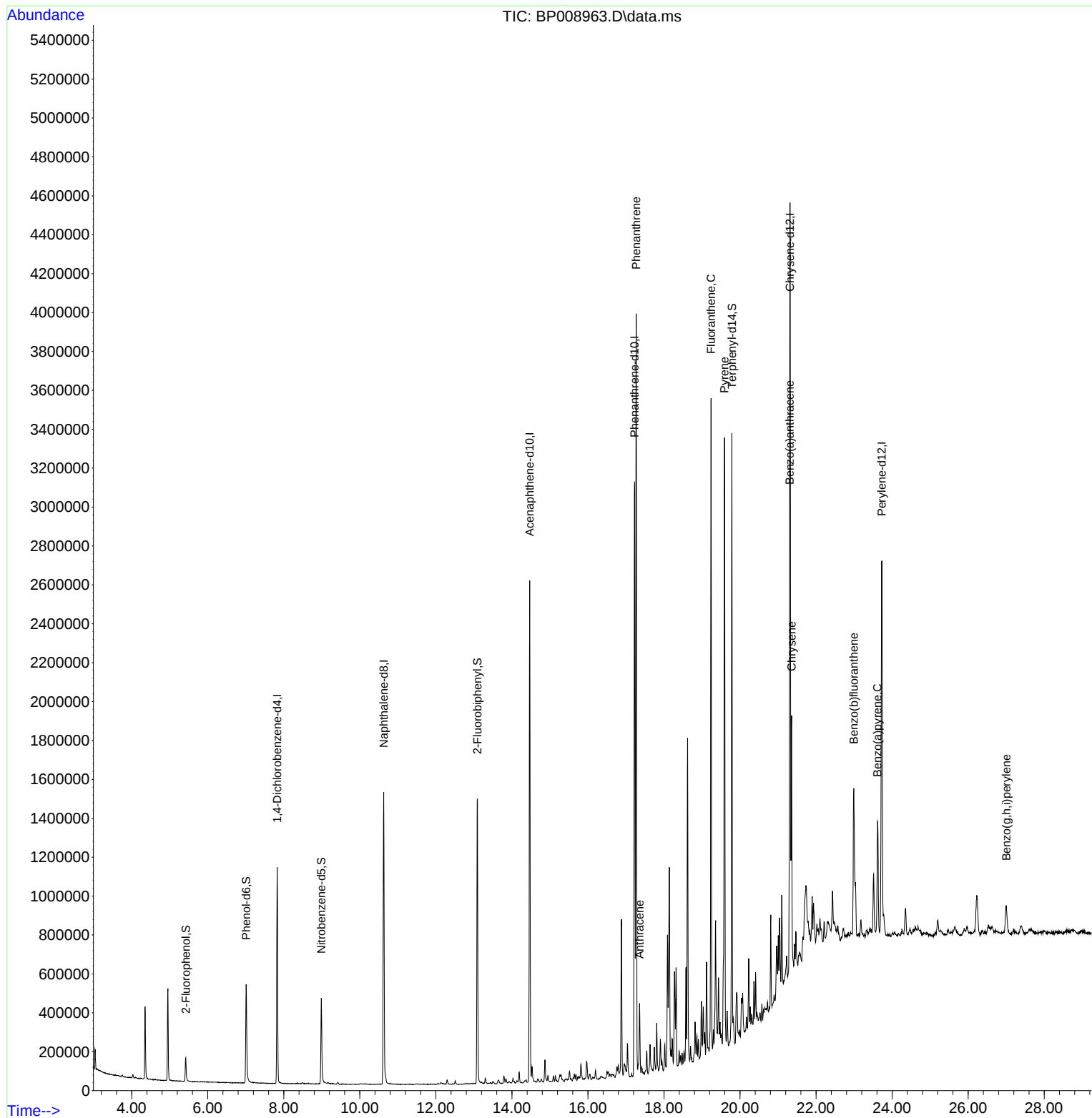
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	334568	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1359100	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	941962	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1997325	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1821387	20.000	ng	-0.01
86) Perylene-d12	23.727	264	1474981	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	69228	3.200	ng	0.00
7) Phenol-d6	7.010	99	367822	14.040	ng	0.00
23) Nitrobenzene-d5	8.987	82	291064	12.159	ng	-0.01
42) 2,4,6-Tribromophenol	15.975	330	4250	0.310	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	864628	12.105	ng	0.00
79) Terphenyl-d14	19.786	244	1424591	13.202	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	17.269	178	2434487	21.648	ng	99
72) Anthracene	17.357	178	247463	2.194	ng	100
75) Fluoranthene	19.239	202	1983210	15.858	ng	97
78) Pyrene	19.592	202	2034564	16.009	ng	98
81) Benzo(a)anthracene	21.304	228	758118	6.187	ng	98
83) Chrysene	21.357	228	707104	5.953	ng	98
88) Benzo(b)fluoranthene	22.992	252	552967	5.614	ng	99
90) Benzo(a)pyrene	23.615	252	363430	3.822	ng	98
92) Benzo(g,h,i)perylene	27.004	276	207156	2.053	ng	97

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

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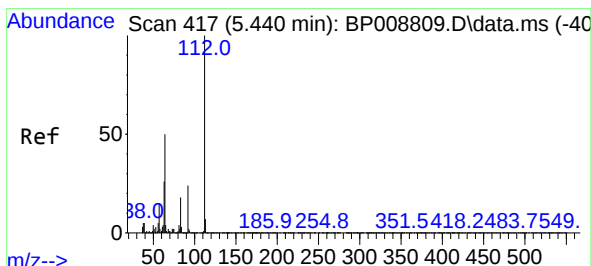
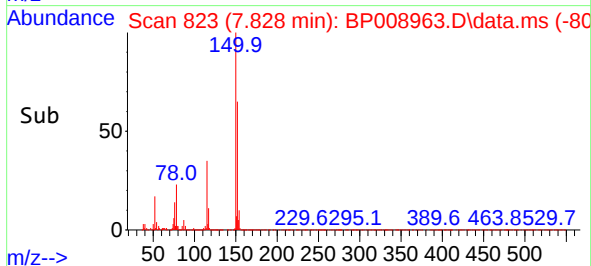
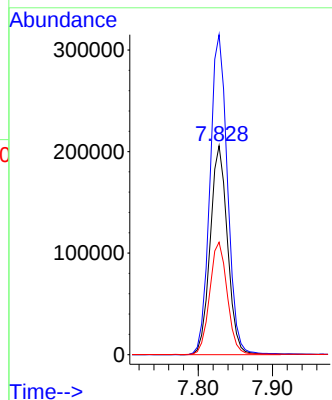
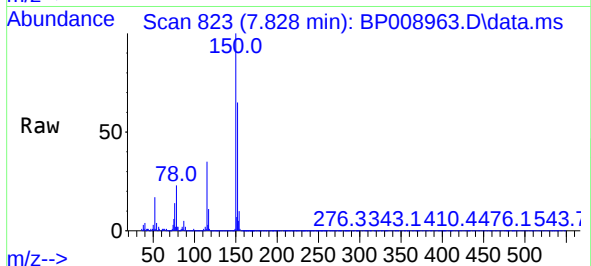




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

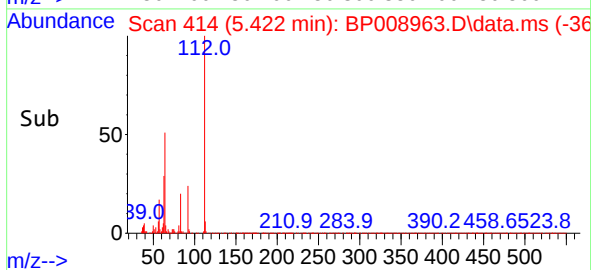
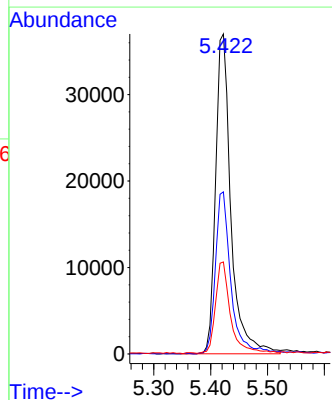
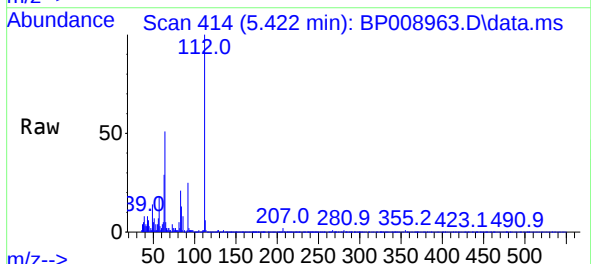
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

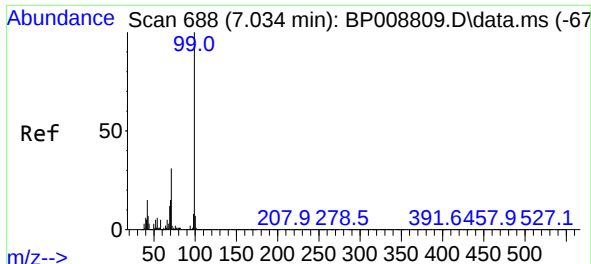
Tgt Ion:152 Resp: 334568
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 53.8 43.7 65.5



#5
2-Fluorophenol
Concen: 3.200 ng
RT: 5.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion:112 Resp: 69228
Ion Ratio Lower Upper
112 100
64 50.6 39.7 59.5
63 28.8 20.0 30.0

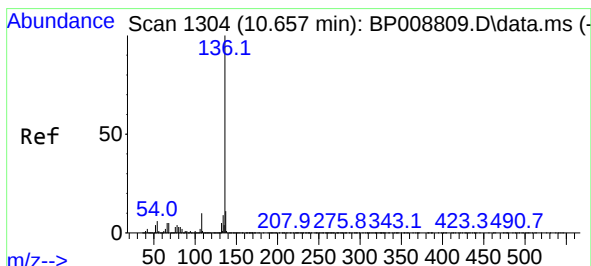
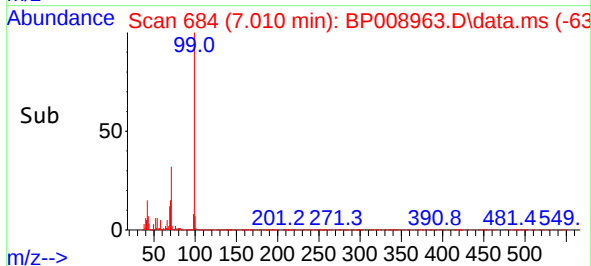
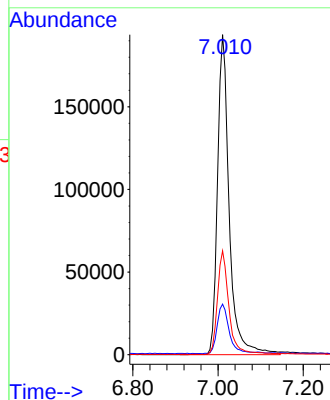
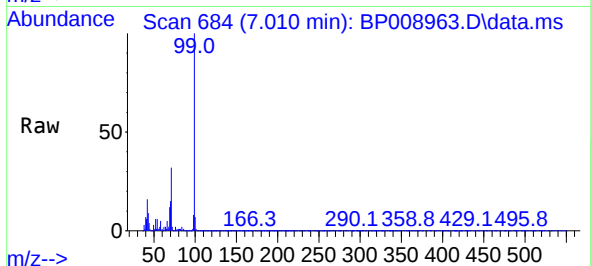




#7
Phenol-d6
Concen: 14.040 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

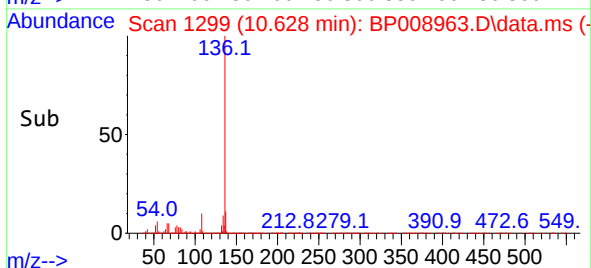
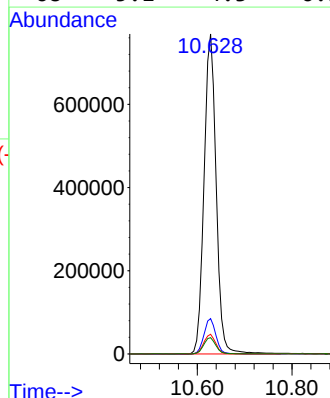
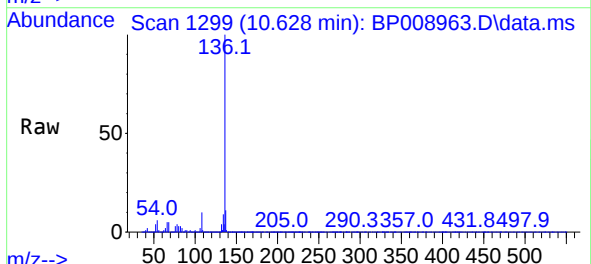
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

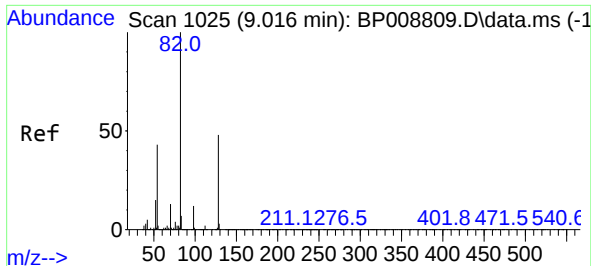
Tgt Ion: 99 Resp: 367822
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 32.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion: 136 Resp: 1359100
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 6.1 4.9 7.3
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 12.159 ng

RT: 8.987 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BP008963.D

Acq: 31 Jan 2022 13:57

Instrument :

BNA_P

ClientSampleId :

RMR-CONDL

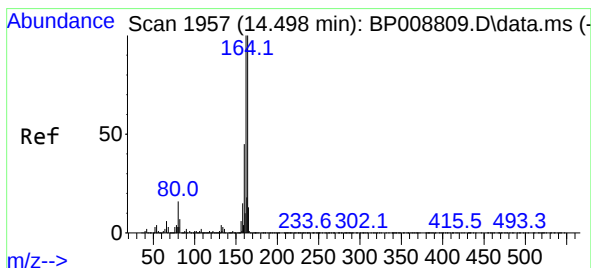
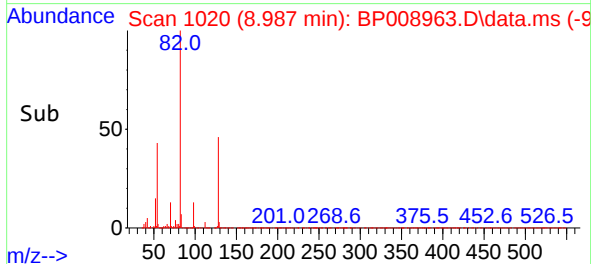
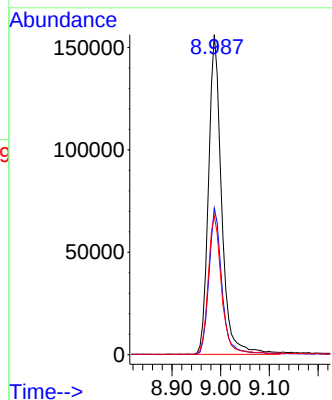
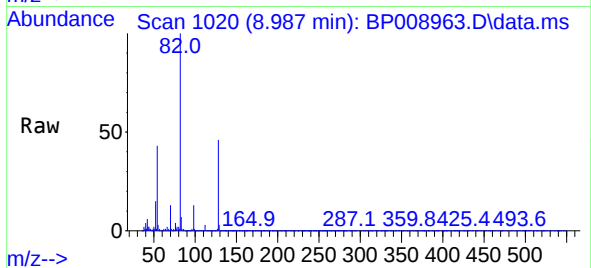
Tgt Ion: 82 Resp: 291064

Ion Ratio Lower Upper

82 100

128 45.8 39.4 59.2

54 43.3 32.6 48.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.469 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BP008963.D

Acq: 31 Jan 2022 13:57

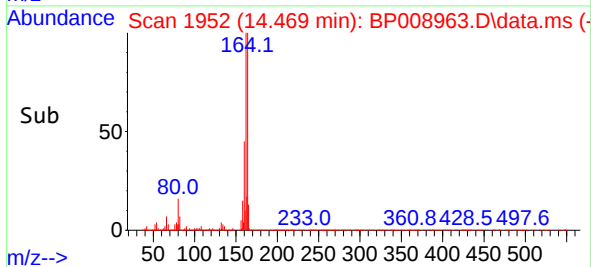
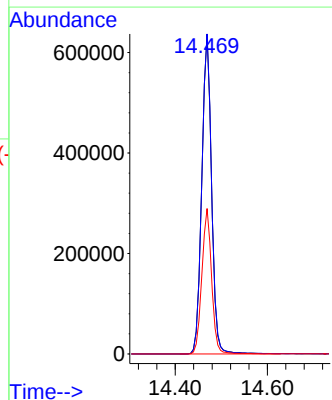
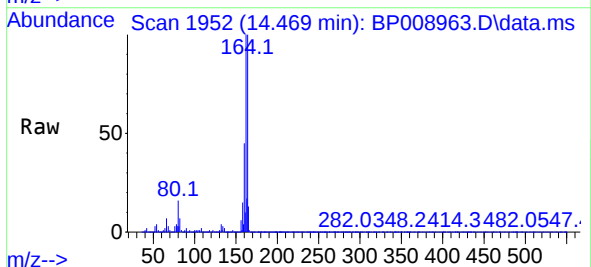
Tgt Ion:164 Resp: 941962

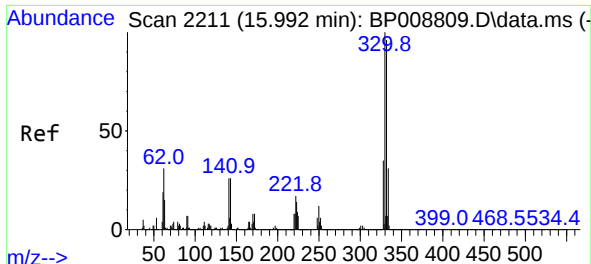
Ion Ratio Lower Upper

164 100

162 100.0 79.9 119.9

160 45.5 35.5 53.3

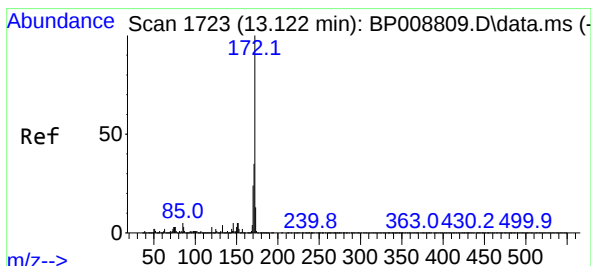
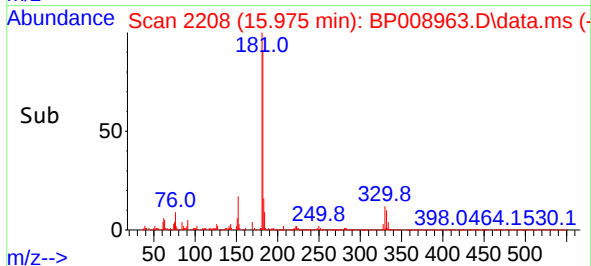
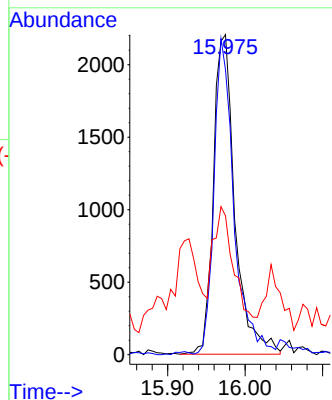
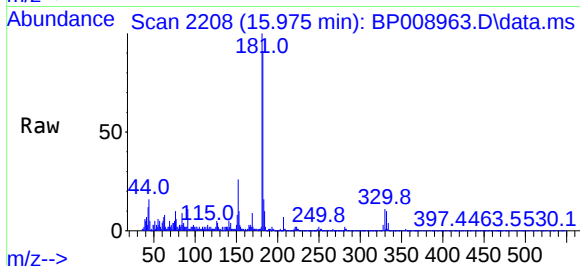




#42
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.975 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

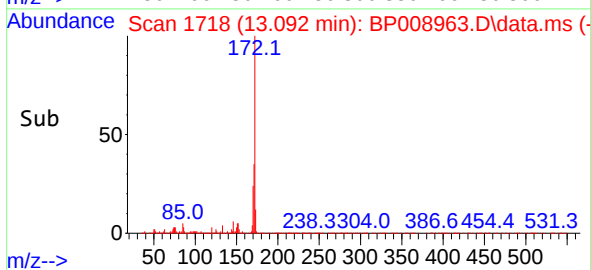
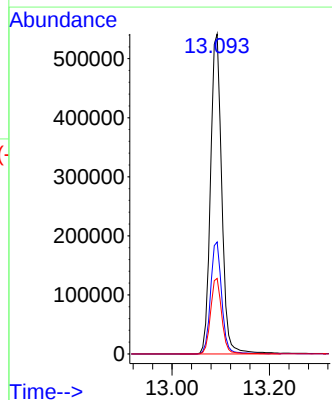
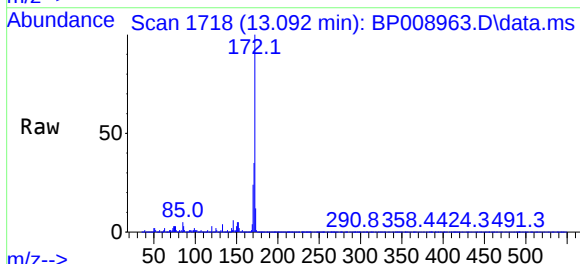
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

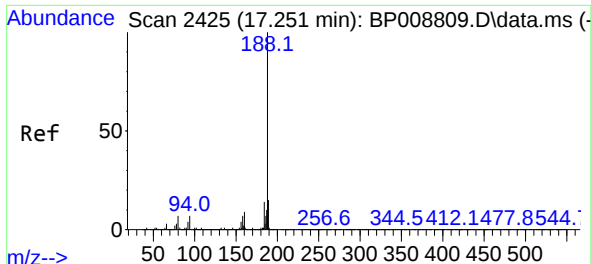
Tgt Ion:330 Resp: 4250
Ion Ratio Lower Upper
330 100
332 91.1 77.0 115.4
141 34.2 21.3 31.9#



#45
2-Fluorobiphenyl
Concen: 12.105 ng
RT: 13.092 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion:172 Resp: 864628
Ion Ratio Lower Upper
172 100
171 35.0 29.3 43.9
170 23.6 19.5 29.3

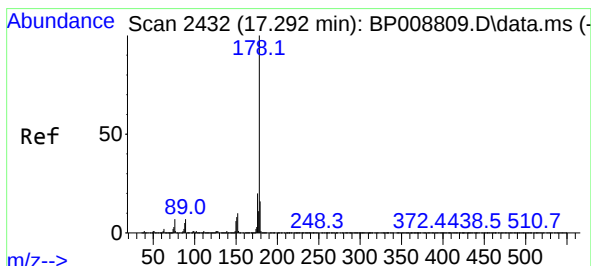
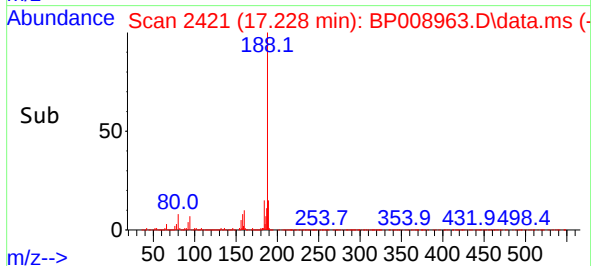
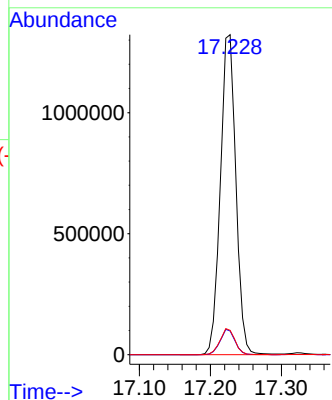
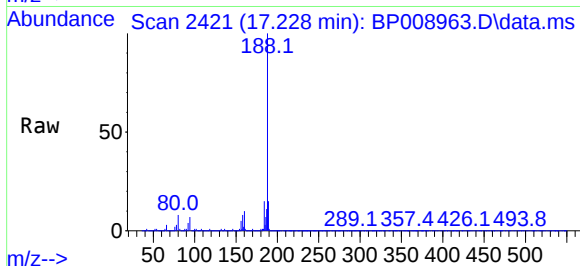




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.228 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

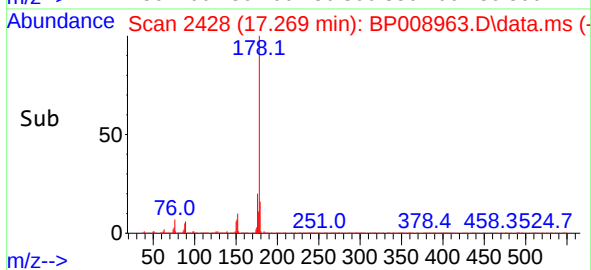
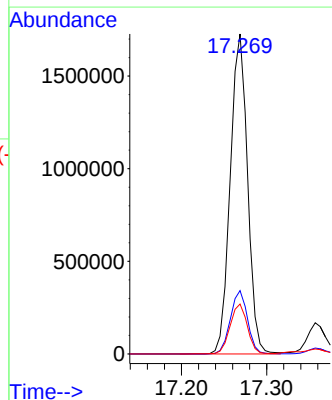
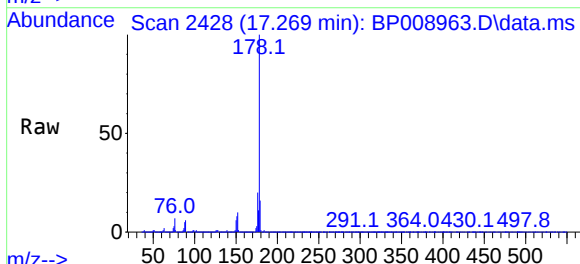
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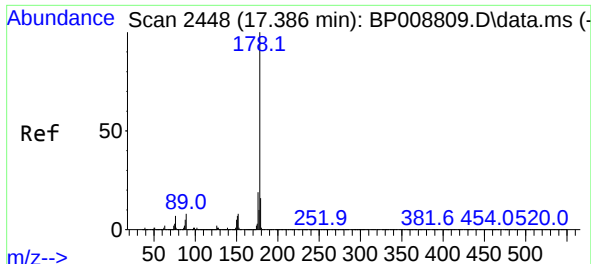
Tgt Ion:188 Resp: 1997325
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.6 7.2 10.8



#71
Phenanthrene
Concen: 21.648 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion:178 Resp: 2434487
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.6 13.0 19.4

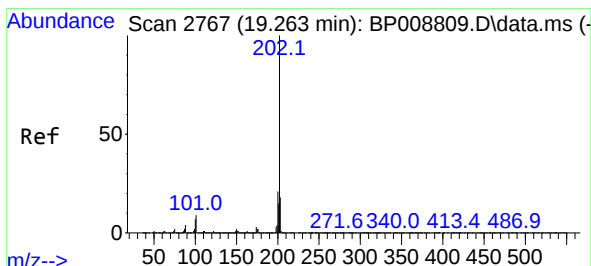
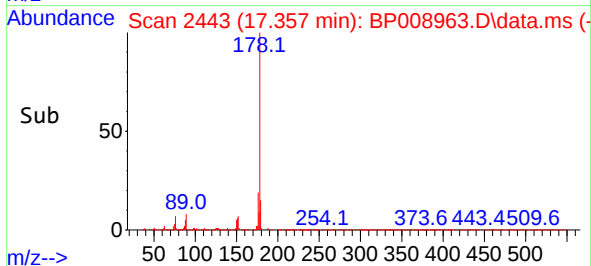
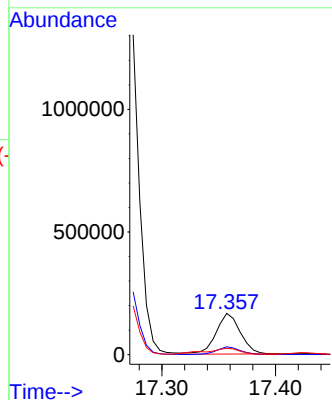
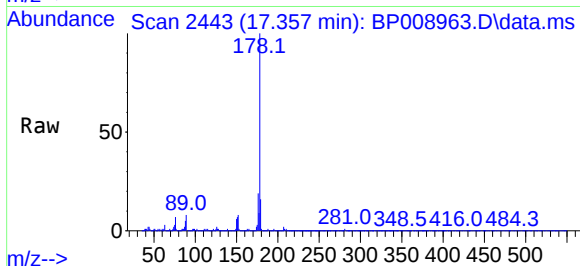




#72
 Anthracene
 Concen: 2.194 ng
 RT: 17.357 min Scan# 2448
 Delta R.T. -0.012 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

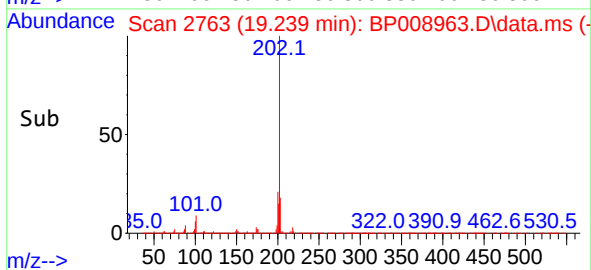
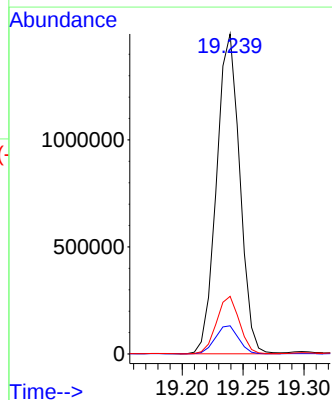
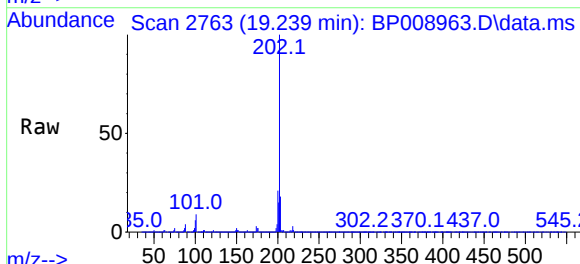
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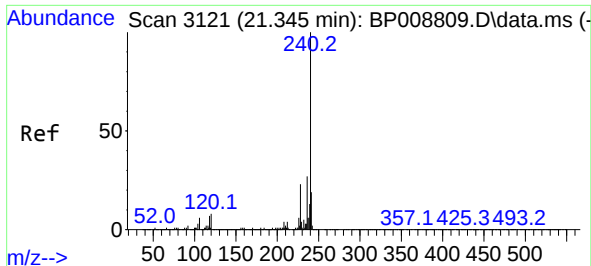
Tgt Ion:178 Resp: 247463
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.1 22.7
 179 15.7 12.8 19.2



#75
 Fluoranthene
 Concen: 15.858 ng
 RT: 19.239 min Scan# 2763
 Delta R.T. -0.006 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

Tgt Ion:202 Resp: 1983210
 Ion Ratio Lower Upper
 202 100
 101 8.8 0.0 30.7
 203 18.0 0.0 38.9

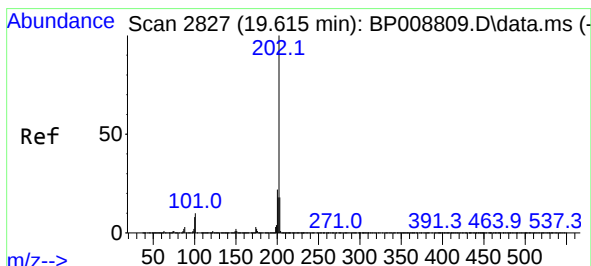
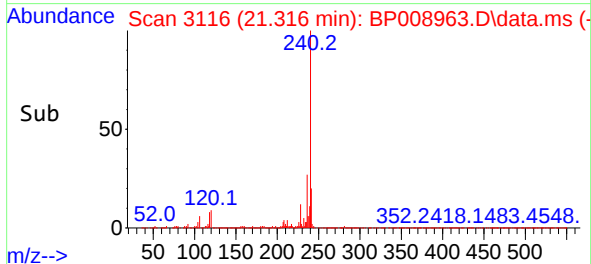
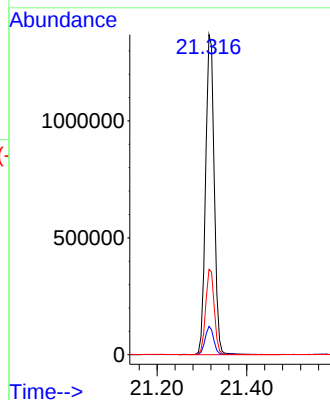
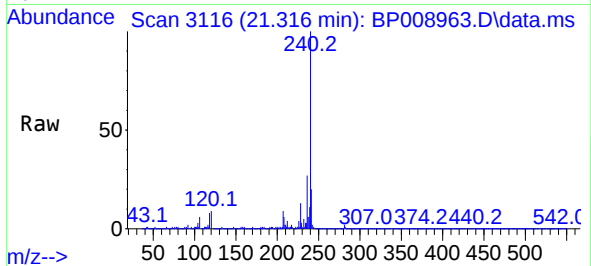




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

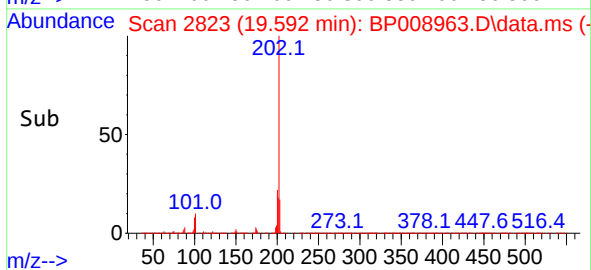
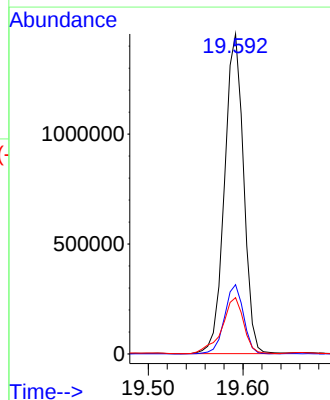
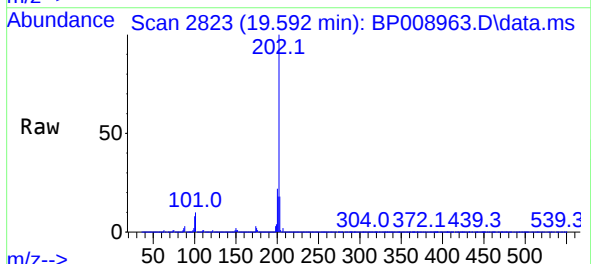
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

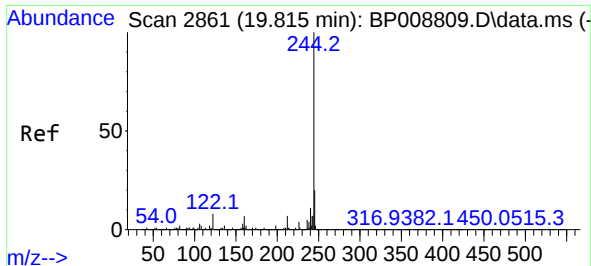
Tgt Ion:240 Resp: 1821387
Ion Ratio Lower Upper
240 100
120 8.9 7.7 11.5
236 26.6 21.2 31.8



#78
Pyrene
Concen: 16.009 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion:202 Resp: 2034564
Ion Ratio Lower Upper
202 100
200 21.6 18.0 27.0
203 17.6 15.0 22.6

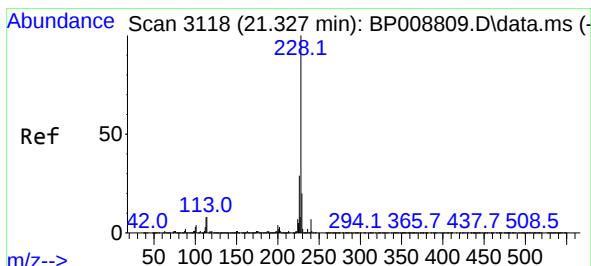
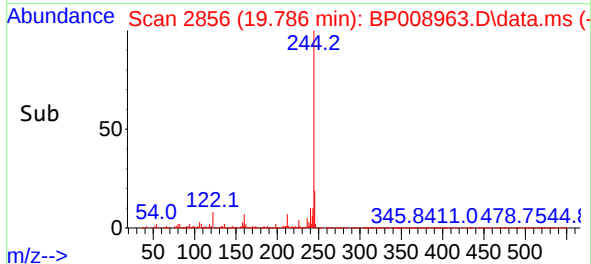
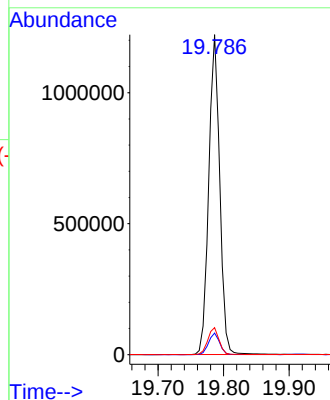
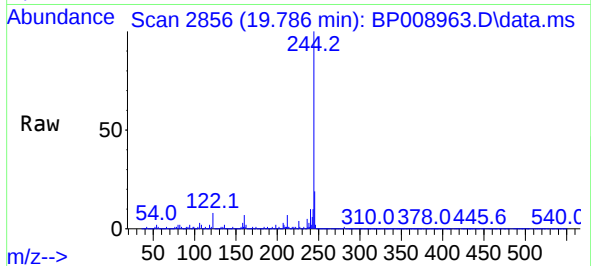




#79
 Terphenyl-d14
 Concen: 13.202 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

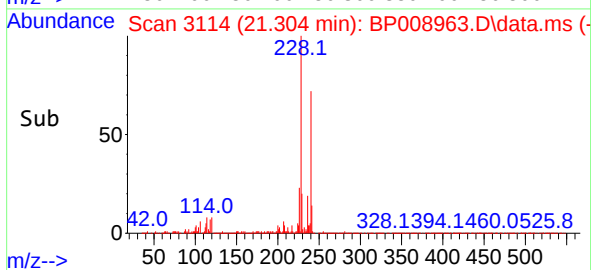
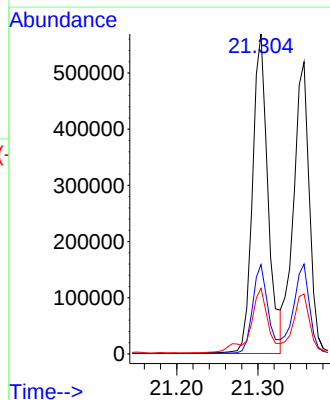
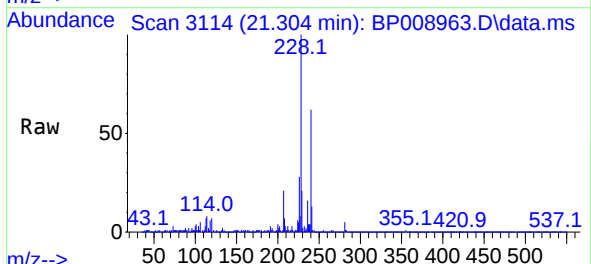
Instrument :
 BNA_P
 ClientSampleId :
 RMR-CONDL

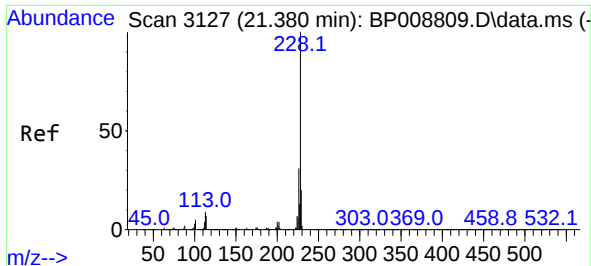
Tgt Ion:244 Resp: 1424591
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 8.5 9.2 13.8#



#81
 Benzo(a)anthracene
 Concen: 6.187 ng
 RT: 21.304 min Scan# 3114
 Delta R.T. -0.006 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

Tgt Ion:228 Resp: 758118
 Ion Ratio Lower Upper
 228 100
 226 28.0 23.3 34.9
 229 20.5 17.0 25.6

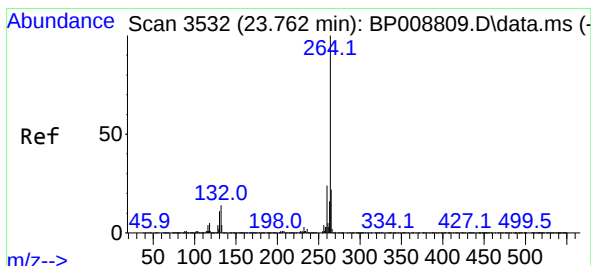
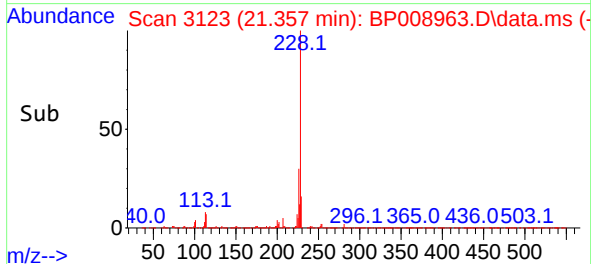
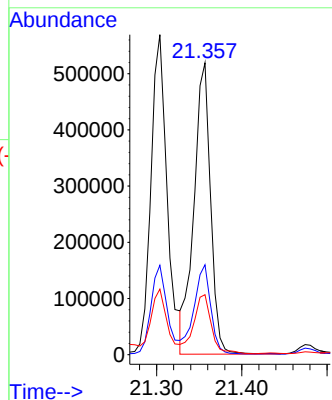
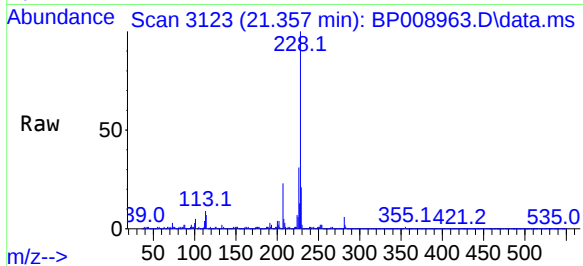




#83
Chrysene
Concen: 5.953 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

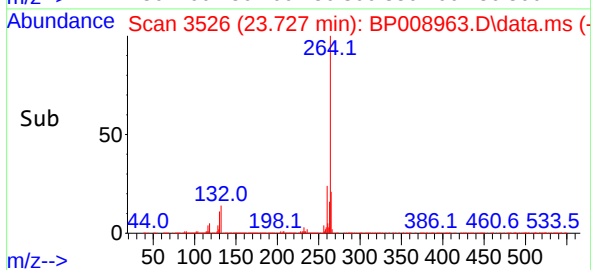
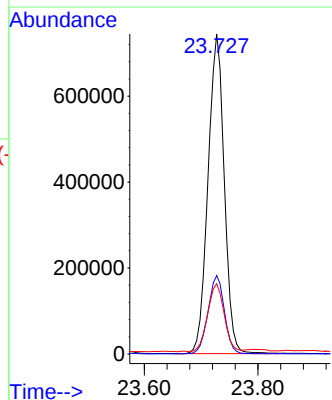
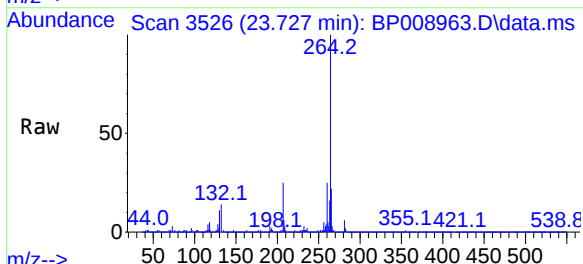
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

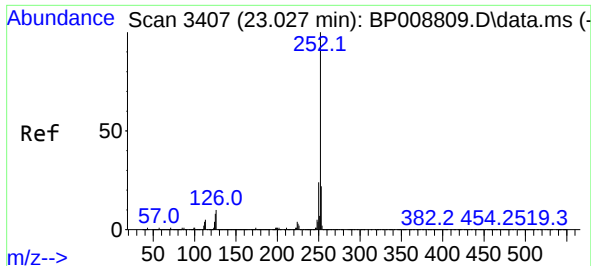
Tgt Ion:228 Resp: 707104
Ion Ratio Lower Upper
228 100
226 30.8 26.0 39.0
229 20.6 16.9 25.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Tgt Ion:264 Resp: 1474981
Ion Ratio Lower Upper
264 100
260 24.5 19.1 28.7
265 22.0 17.1 25.7

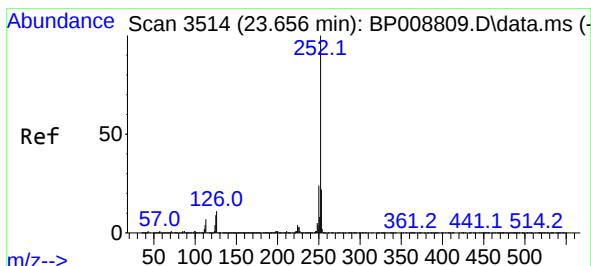
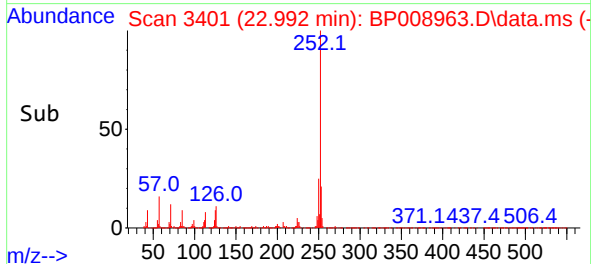
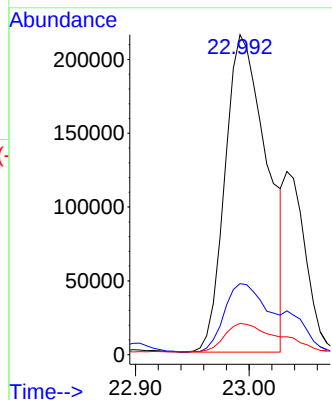
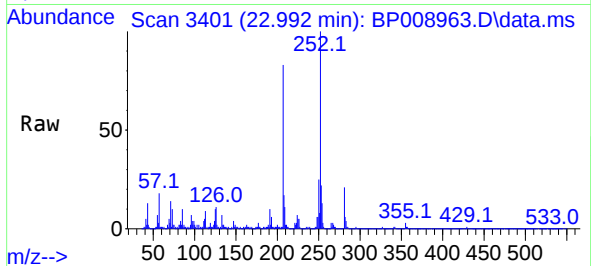




#88
Benzo(b)fluoranthene
Concen: 5.614 ng
RT: 22.992 min Scan# 3407
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

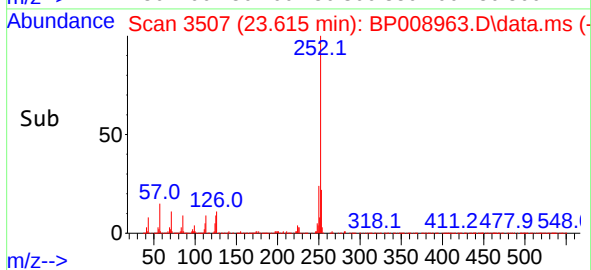
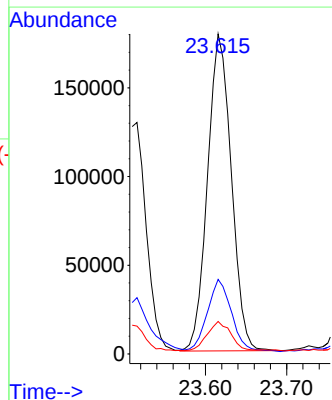
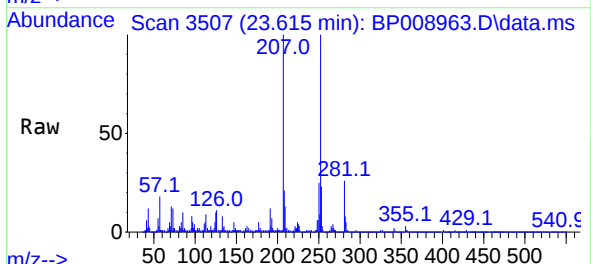
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

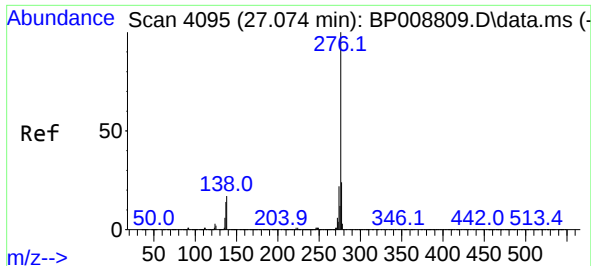
Tgt Ion:252 Resp: 552967
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 9.8 6.9 10.3



#90
Benzo(a)pyrene
Concen: 3.822 ng
RT: 23.615 min Scan# 3507
Delta R.T. -0.018 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

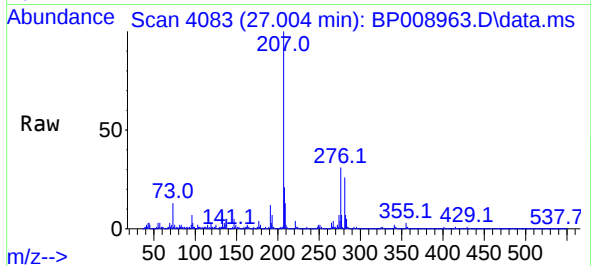
Tgt Ion:252 Resp: 363430
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.2 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 2.053 ng
 RT: 27.004 min Scan# 40
 Delta R.T. -0.029 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

Instrument :
 BNA_P
 ClientSampleId :
 RMR-CONDL



Tgt Ion:276 Resp: 207156

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.2	28.8
138	16.4	15.0	22.4

