

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)

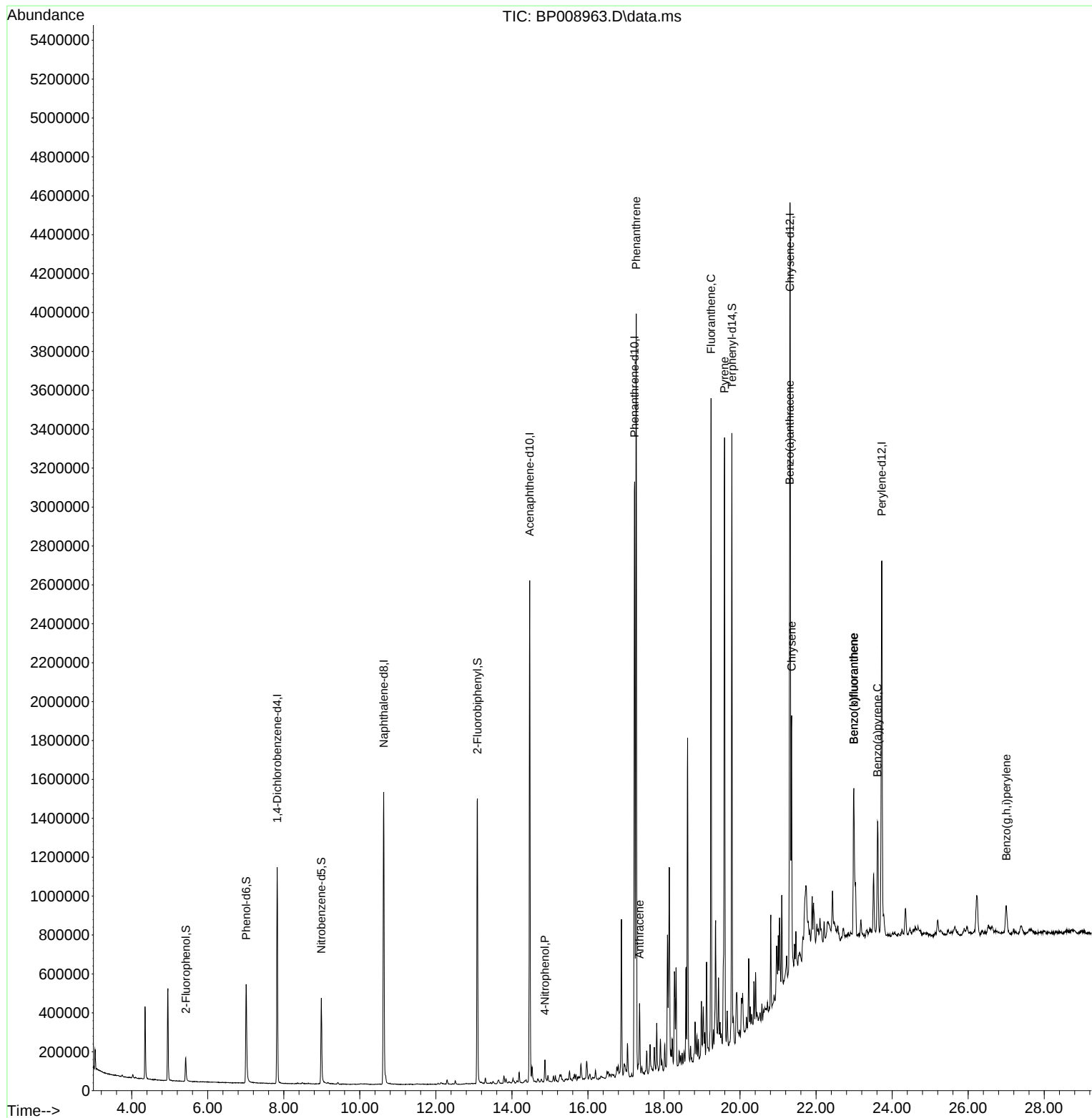
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	334568	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	1359100	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	941962	20.000	ng	0.00
64) Phenanthrene-d10	17.228	188	1997325	20.000	ng	0.00
76) Chrysene-d12	21.316	240	1821387	20.000	ng	-0.01
86) 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
56) 4-Nitrophenol	14.869	139	25288	2.407	ng	# 18
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
89) Benzo(k)fluoranthene	22.992	252	552967	5.799	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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

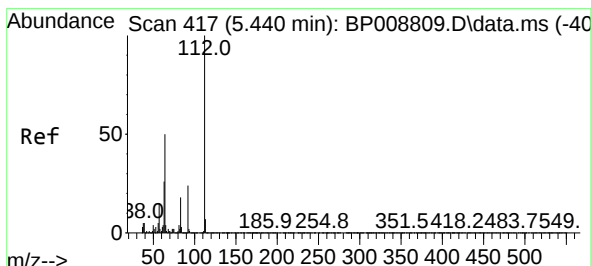
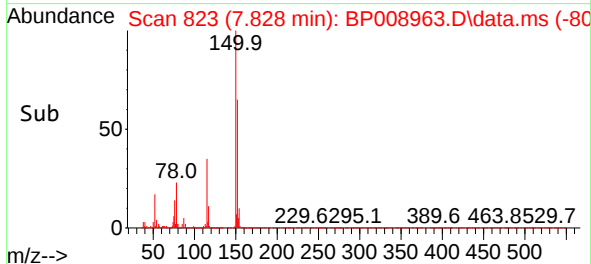
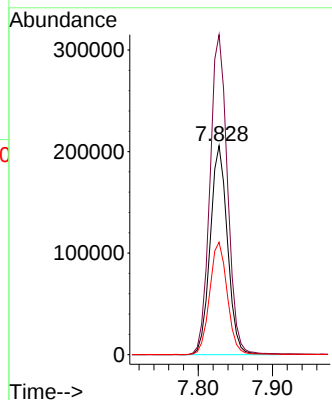
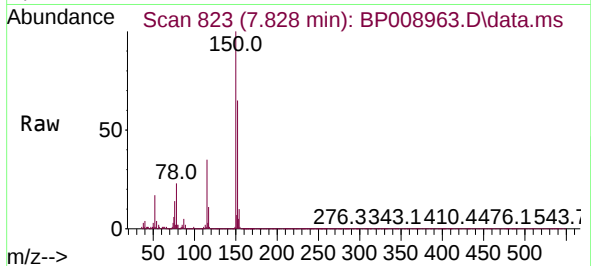




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

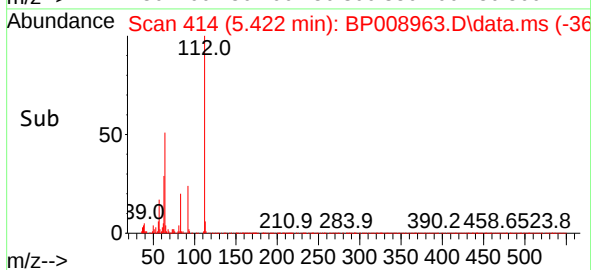
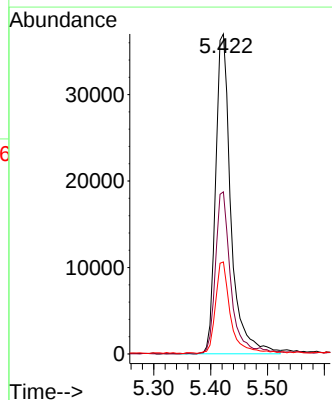
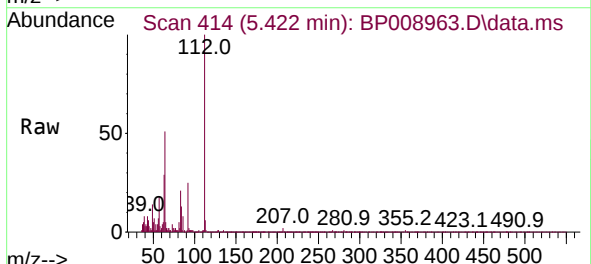
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

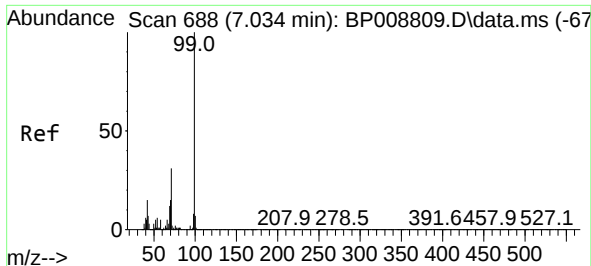
Tgt Ion:152 Resp: 334568
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 53.8 43.7 65.5



#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

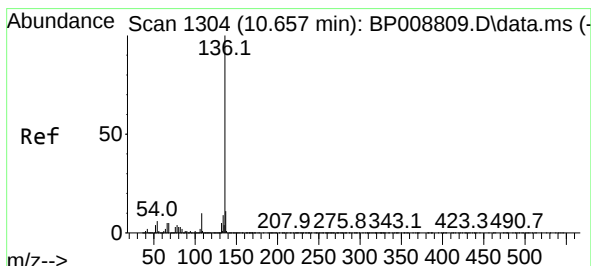
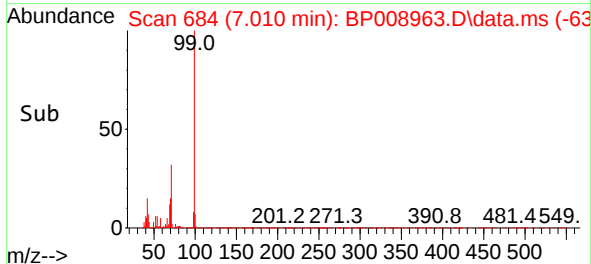
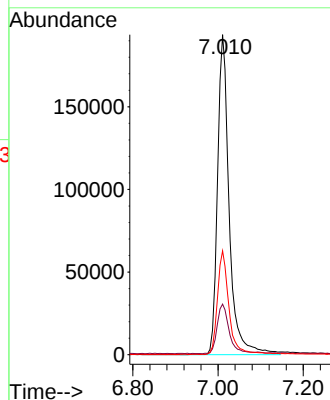
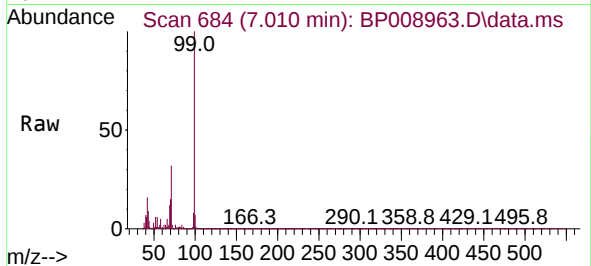




#7
Phenol-d6
Concen: 14.040 ng
RT: 7.010 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

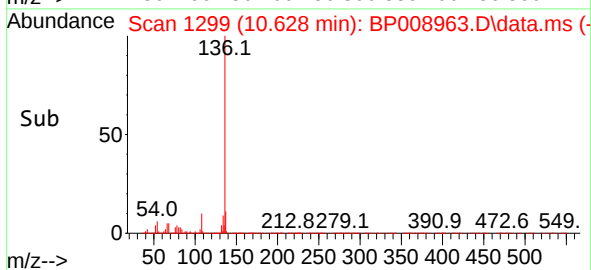
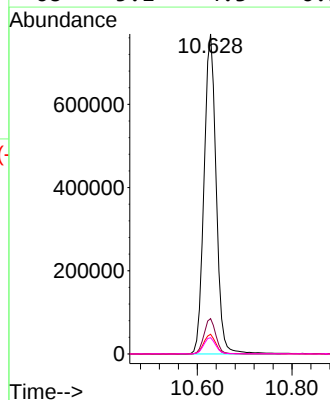
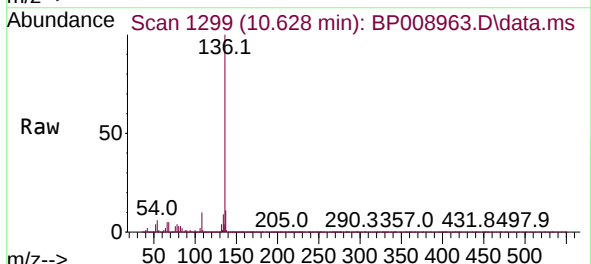
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

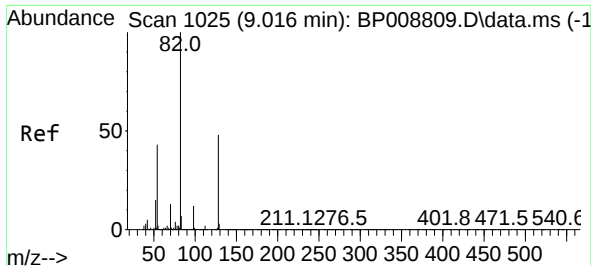
Tgt Ion: 99 Resp: 367822
Ion Ratio Lower Upper
99 100
42 15.8 10.8 16.2
71 32.5 23.8 35.6



#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

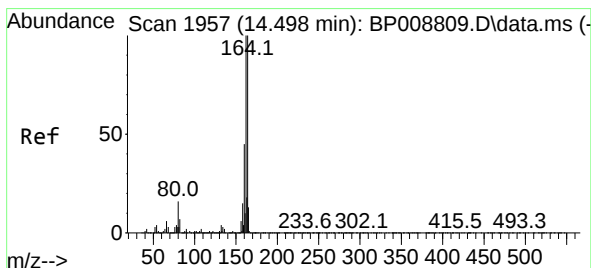
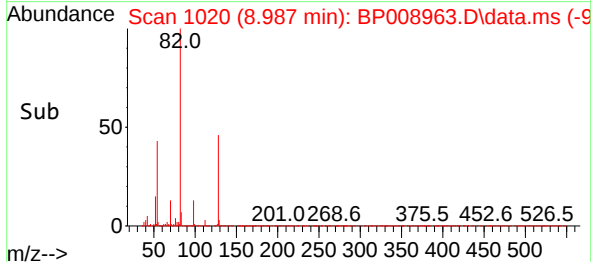
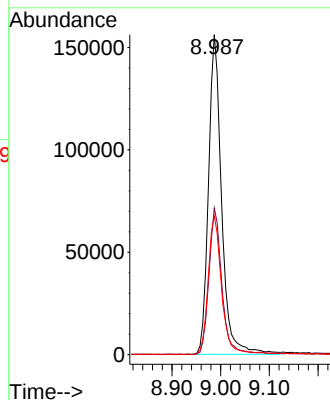
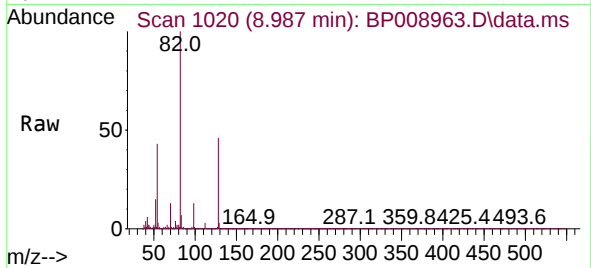




#23
Nitrobenzene-d5
Concen: 12.159 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

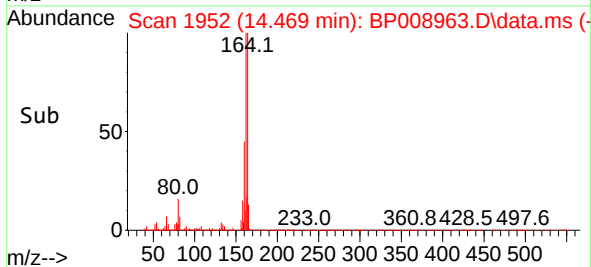
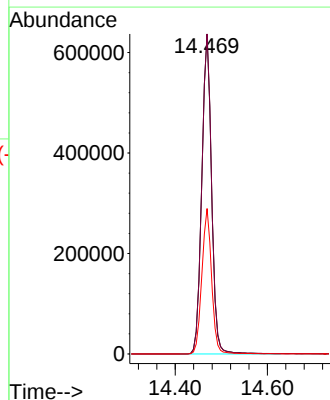
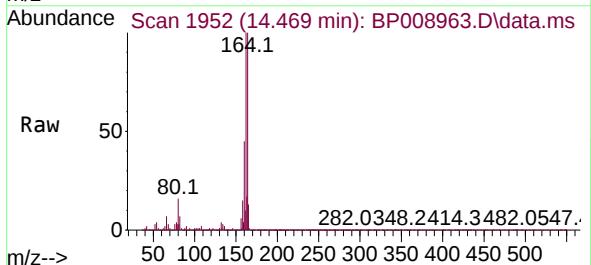
Instrument :
BNA_P
ClientSampleId :
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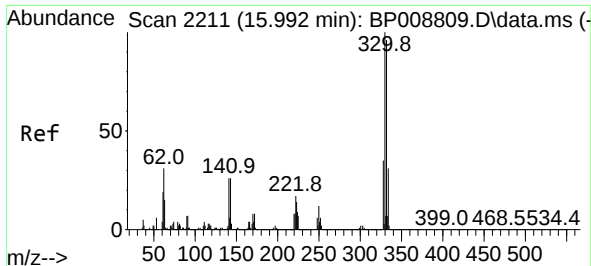
Tgt Ion: 82 Resp: 291064
Ion Ratio Lower Upper
82 100
128 45.8 39.4 59.2
54 43.3 32.6 48.8



#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

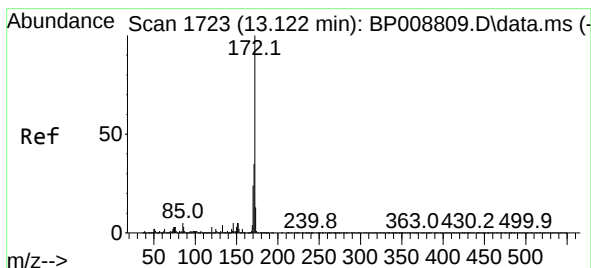
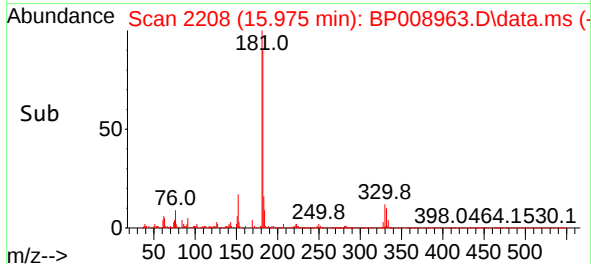
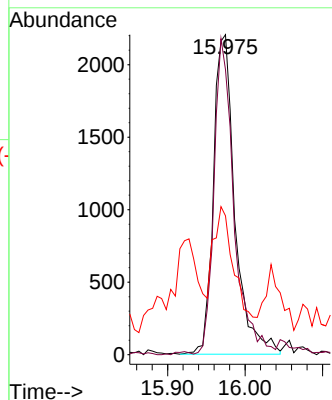
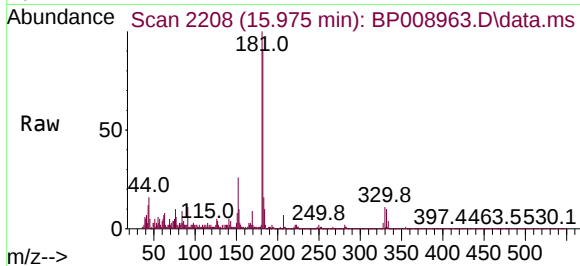




#42
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.975 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

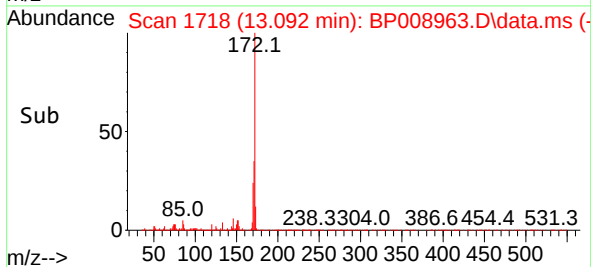
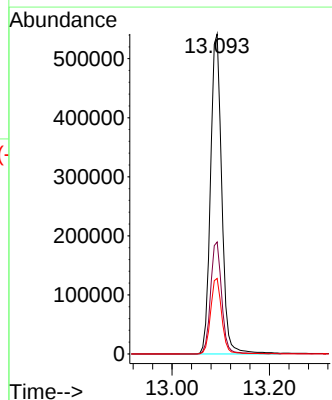
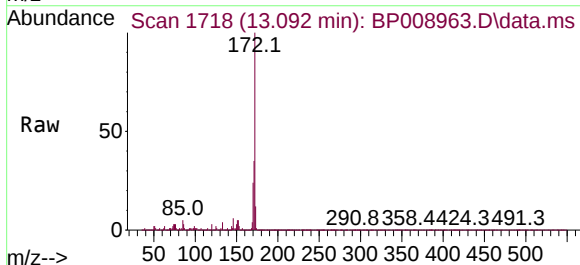
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

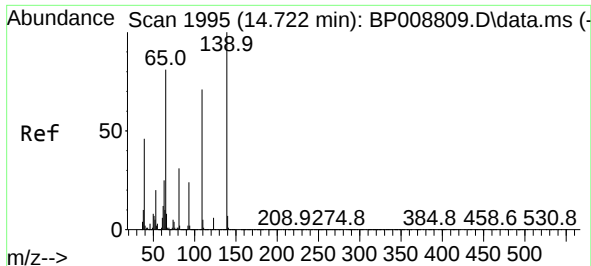
Tgt Ion:330 Resp: 4250
Ion Ratio Lower Upper
330 100
332 91.1 77.0 115.4
141 34.2 21.3 31.9#



#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

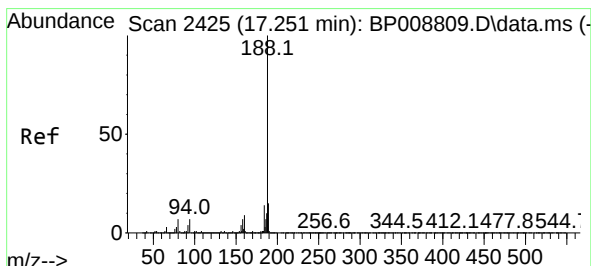
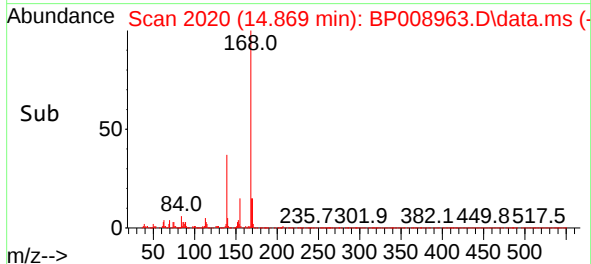
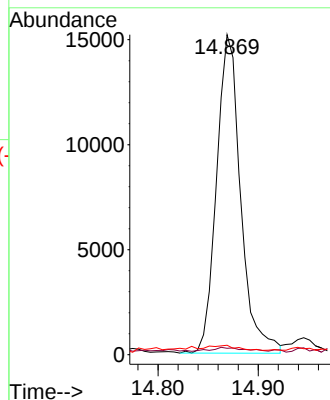
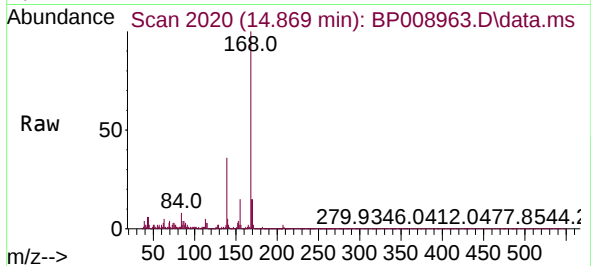




#56
4-Nitrophenol
Concen: 2.407 ng
RT: 14.869 min Scan# 20
Delta R.T. 0.147 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

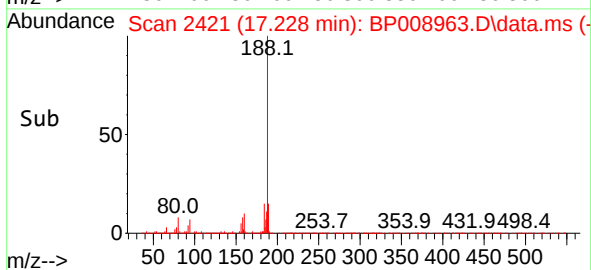
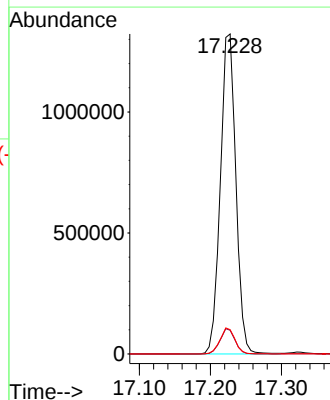
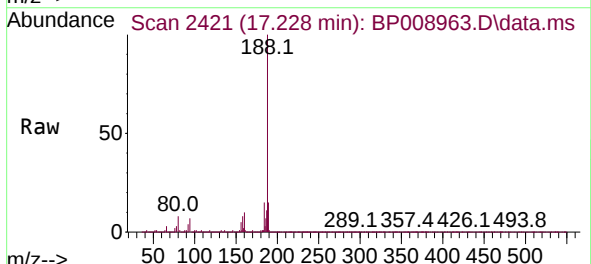
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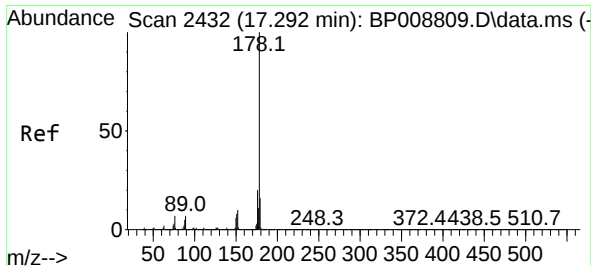
Tgt Ion:139 Resp: 25288
Ion Ratio Lower Upper
139 100
109 2.0 42.2 82.2#
65 3.0 57.3 97.3#



#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

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

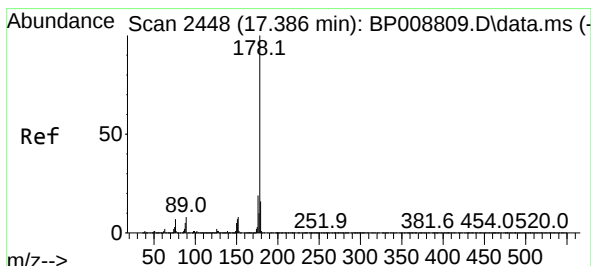
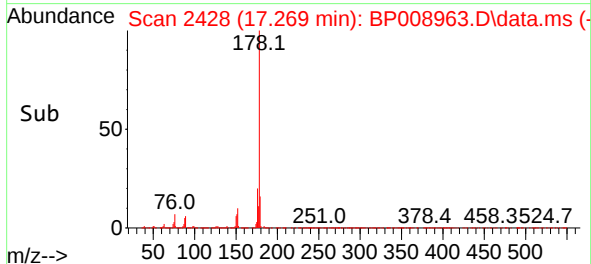
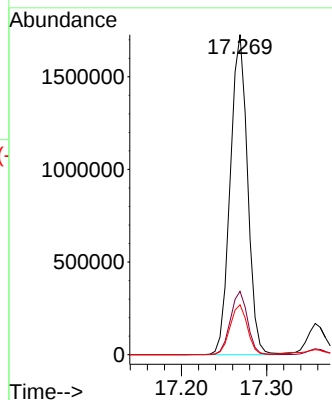
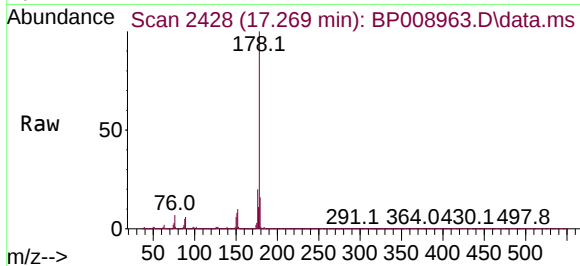




#71
Phenanthrene
Concen: 21.648 ng
RT: 17.269 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

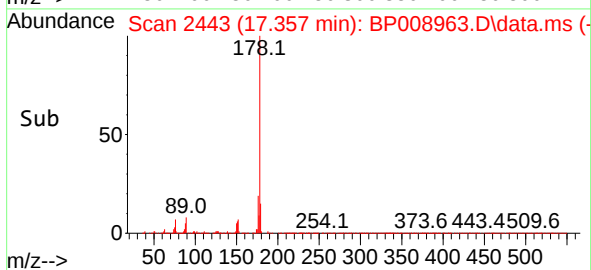
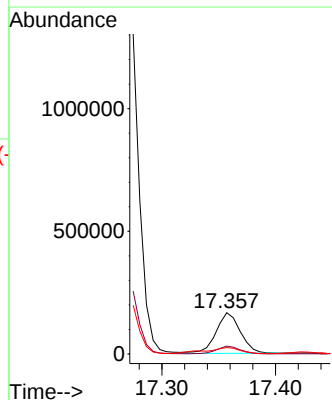
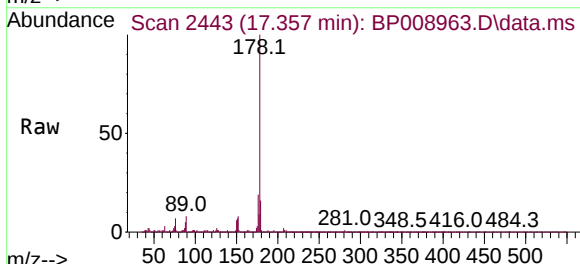
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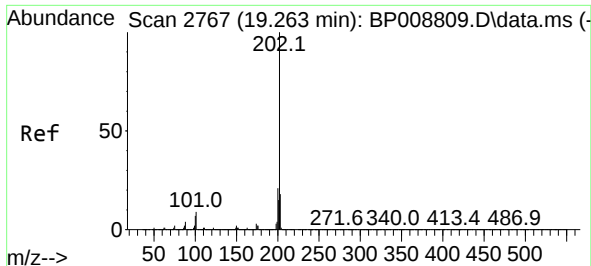
Tgt Ion:178 Resp: 2434487
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.6 13.0 19.4



#72
Anthracene
Concen: 2.194 ng
RT: 17.357 min Scan# 2443
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

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

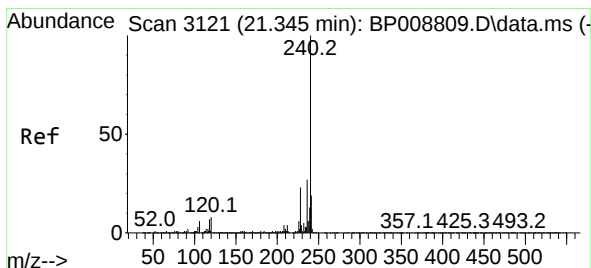
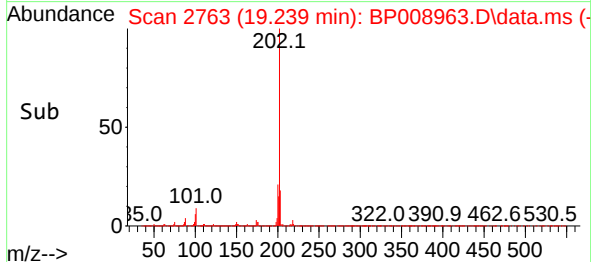
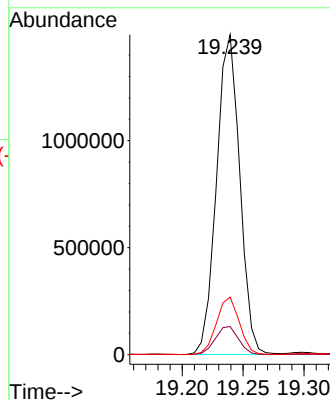
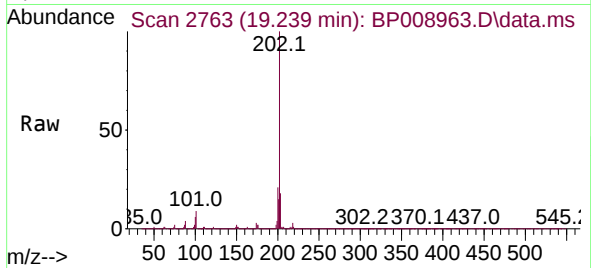




#75
Fluoranthene
Concen: 15.858 ng
RT: 19.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

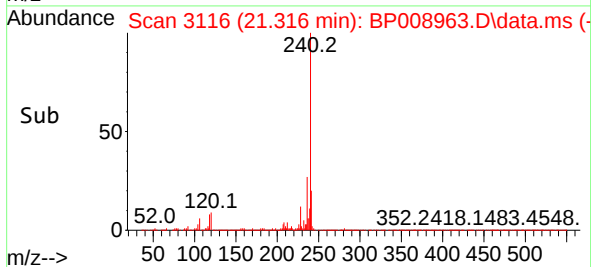
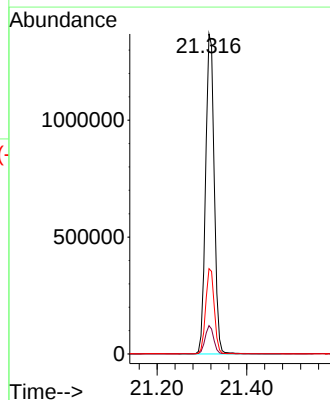
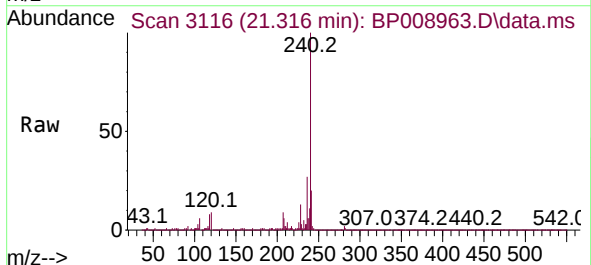
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

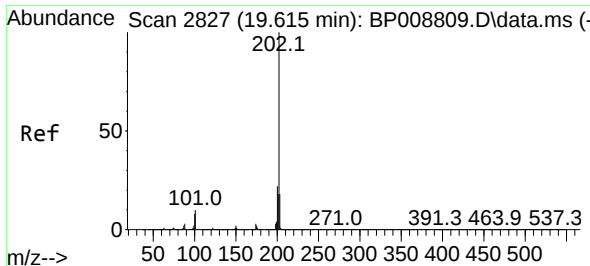
Tgt Ion:202 Resp: 1983210
Ion Ratio Lower Upper
202 100
101 8.8 0.0 30.7
203 18.0 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

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

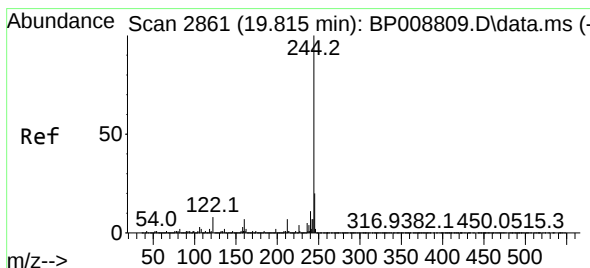
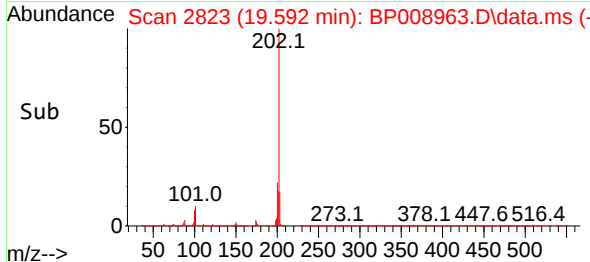
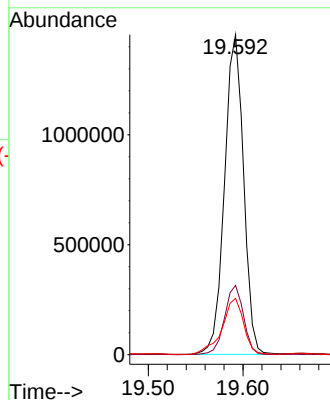
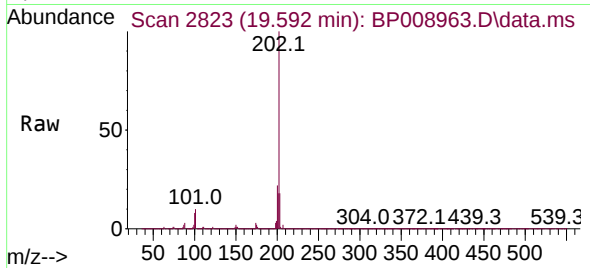




#78
 Pyrene
 Concen: 16.009 ng
 RT: 19.592 min Scan# 2823
 Delta R.T. -0.006 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

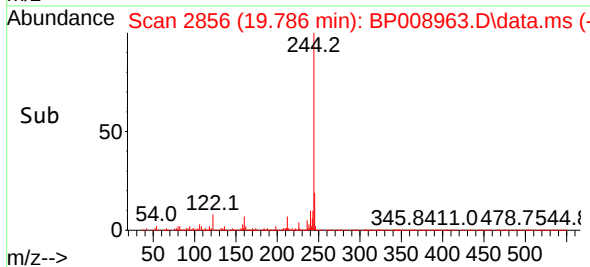
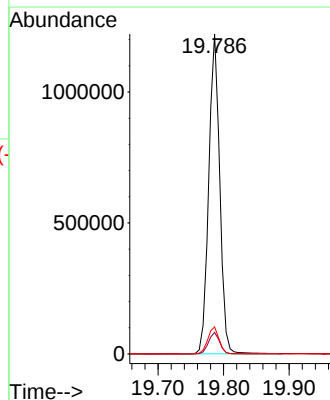
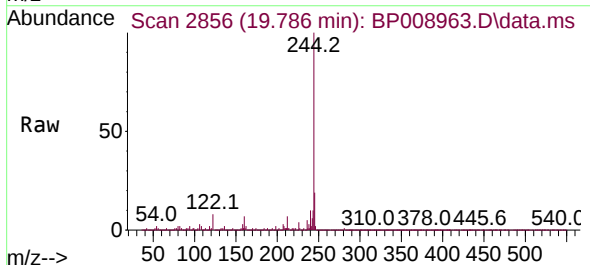
Instrument :
 BNA_P
 ClientSampleId :
 RMR-CONDL

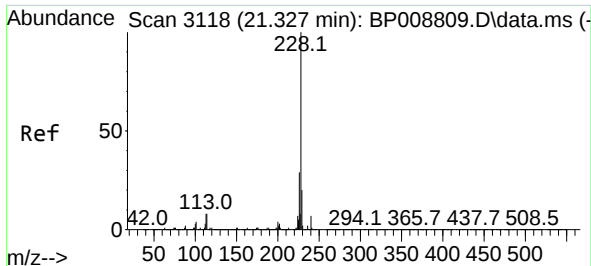
Tgt Ion:202 Resp: 2034564
 Ion Ratio Lower Upper
 202 100
 200 21.6 18.0 27.0
 203 17.6 15.0 22.6



#79
 Terphenyl-d14
 Concen: 13.202 ng
 RT: 19.786 min Scan# 2856
 Delta R.T. -0.012 min
 Lab File: BP008963.D
 Acq: 31 Jan 2022 13:57

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#

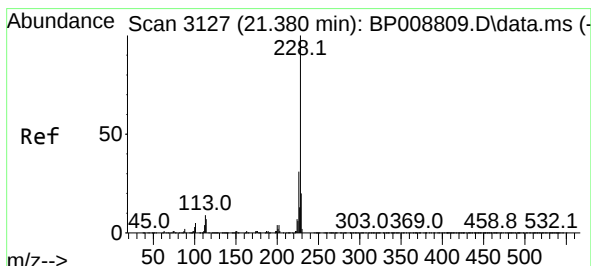
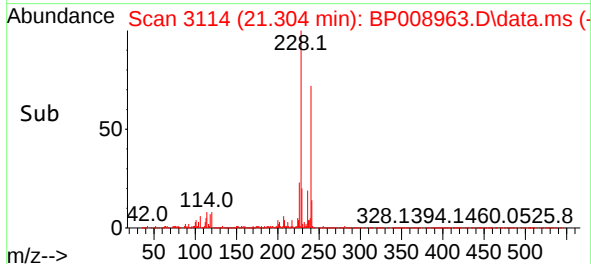
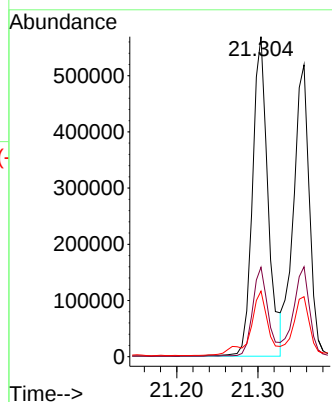
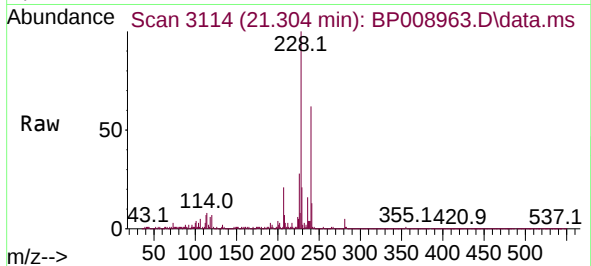




#81
Benzo(a)anthracene
Concen: 6.187 ng
RT: 21.304 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

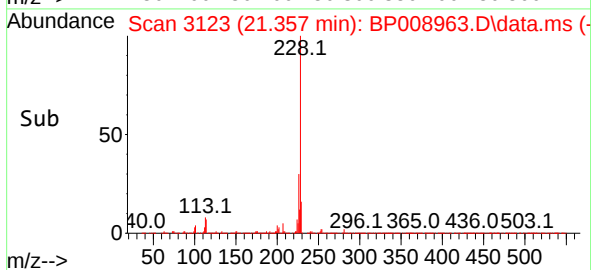
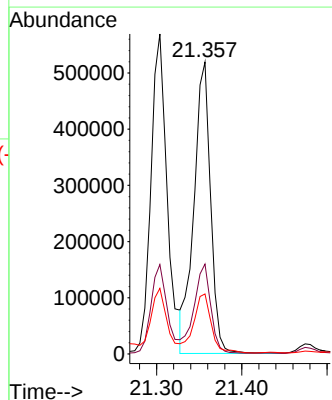
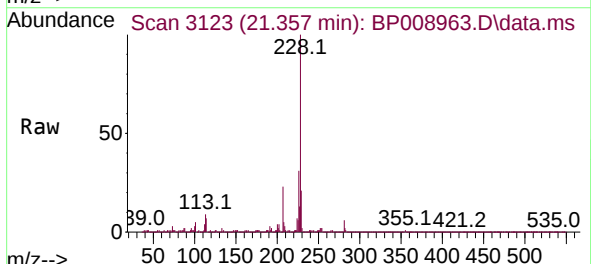
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

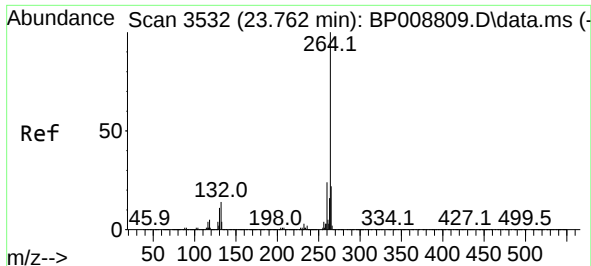
Tgt Ion:228 Resp: 758118
Ion Ratio Lower Upper
228 100
226 28.0 23.3 34.9
229 20.5 17.0 25.6



#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

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



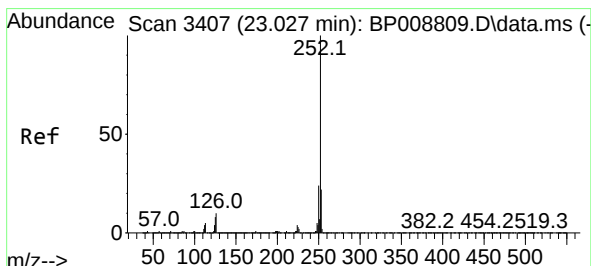
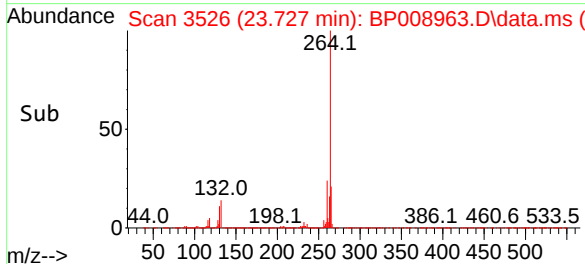
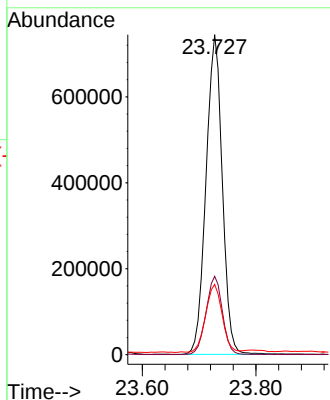
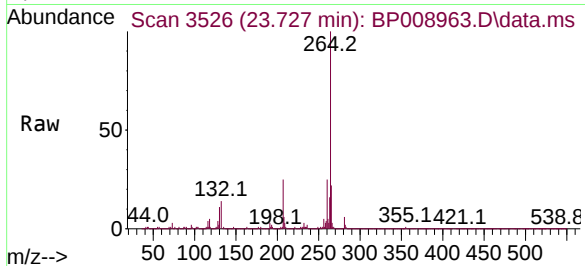


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

Tgt Ion:264 Resp: 1474981

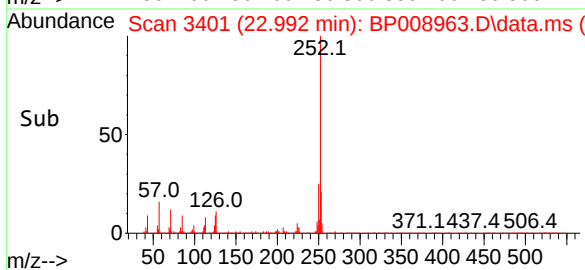
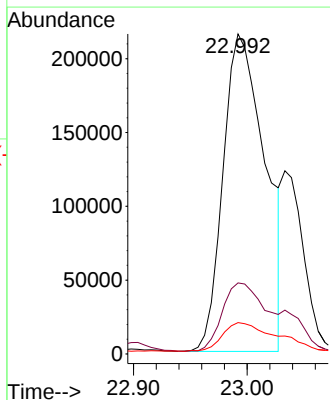
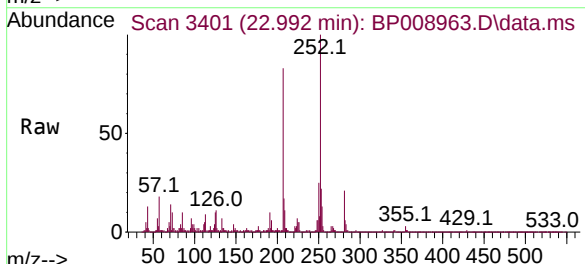
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	22.0	17.1	25.7

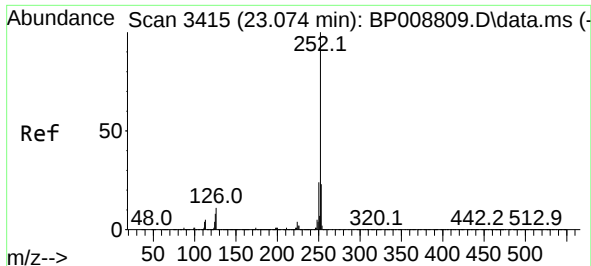


#88
Benzo(b)fluoranthene
Concen: 5.614 ng
RT: 22.992 min Scan# 3401
Delta R.T. -0.012 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

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

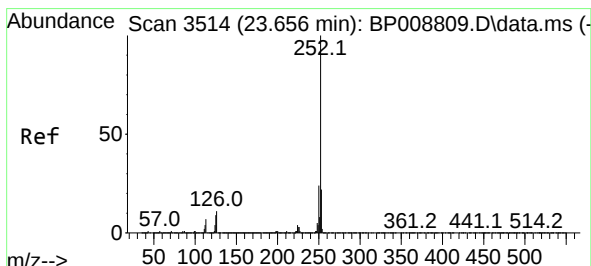
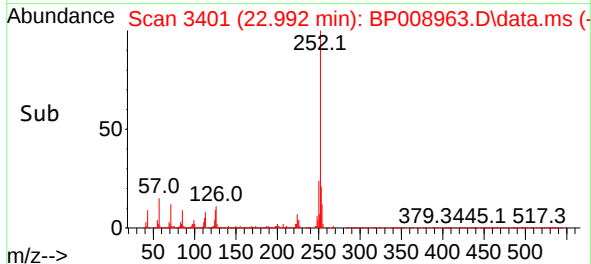
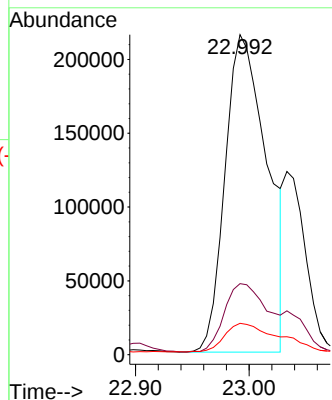
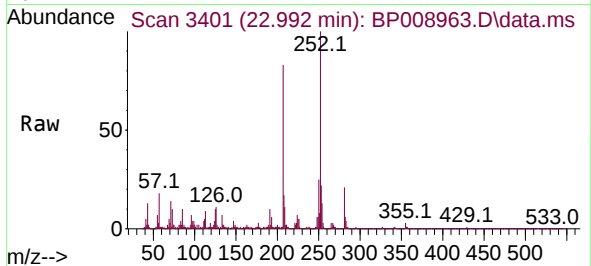




#89
Benzo(k)fluoranthene
Concen: 5.799 ng
RT: 22.992 min Scan# 3415
Delta R.T. -0.059 min
Lab File: BP008963.D
Acq: 31 Jan 2022 13:57

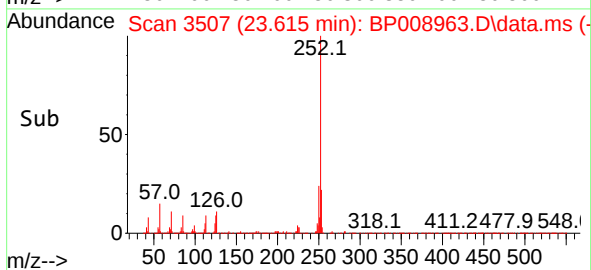
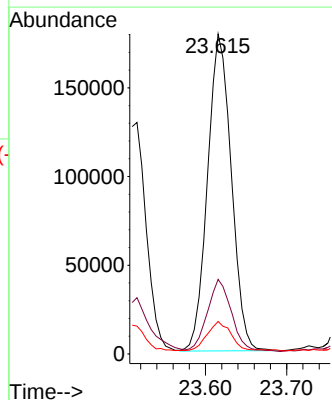
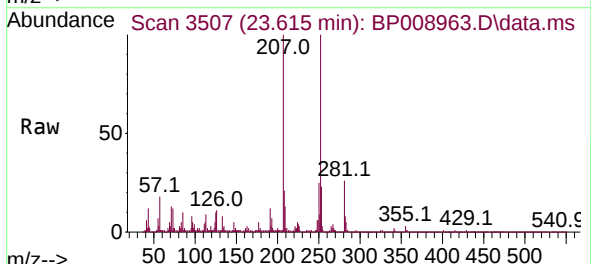
Instrument :
BNA_P
ClientSampleId :
RMR-CONDL

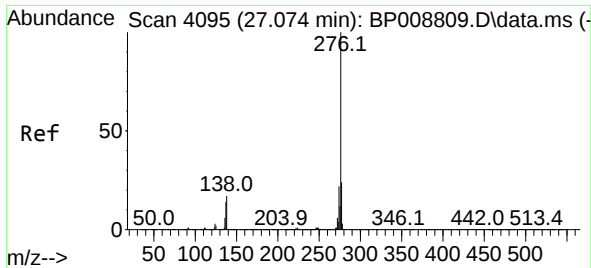
Tgt Ion:252 Resp: 552967
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.8 7.3 10.9



#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

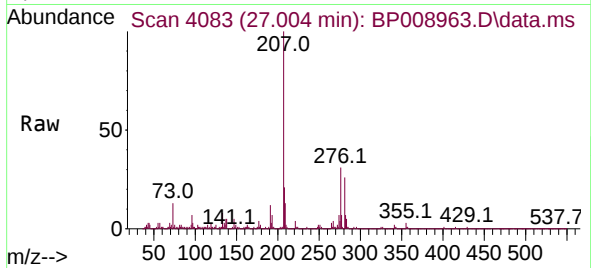
Tgt Ion:252 Resp: 363430
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.8
125 10.2 7.8 11.6





#92
Benzo(g,h,i)perylene
Concen: 2.053 ng
RT: 27.004 min Scan# 4083
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

