

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112221\
 Data File : BP008078.D
 Acq On : 22 Nov 2021 12:27
 Operator : CG/JU
 Sample : M4767-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8-COMP

Quant Time: Nov 23 01:21:21 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 20 00:21:11 2021
 Response via : Initial Calibration

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

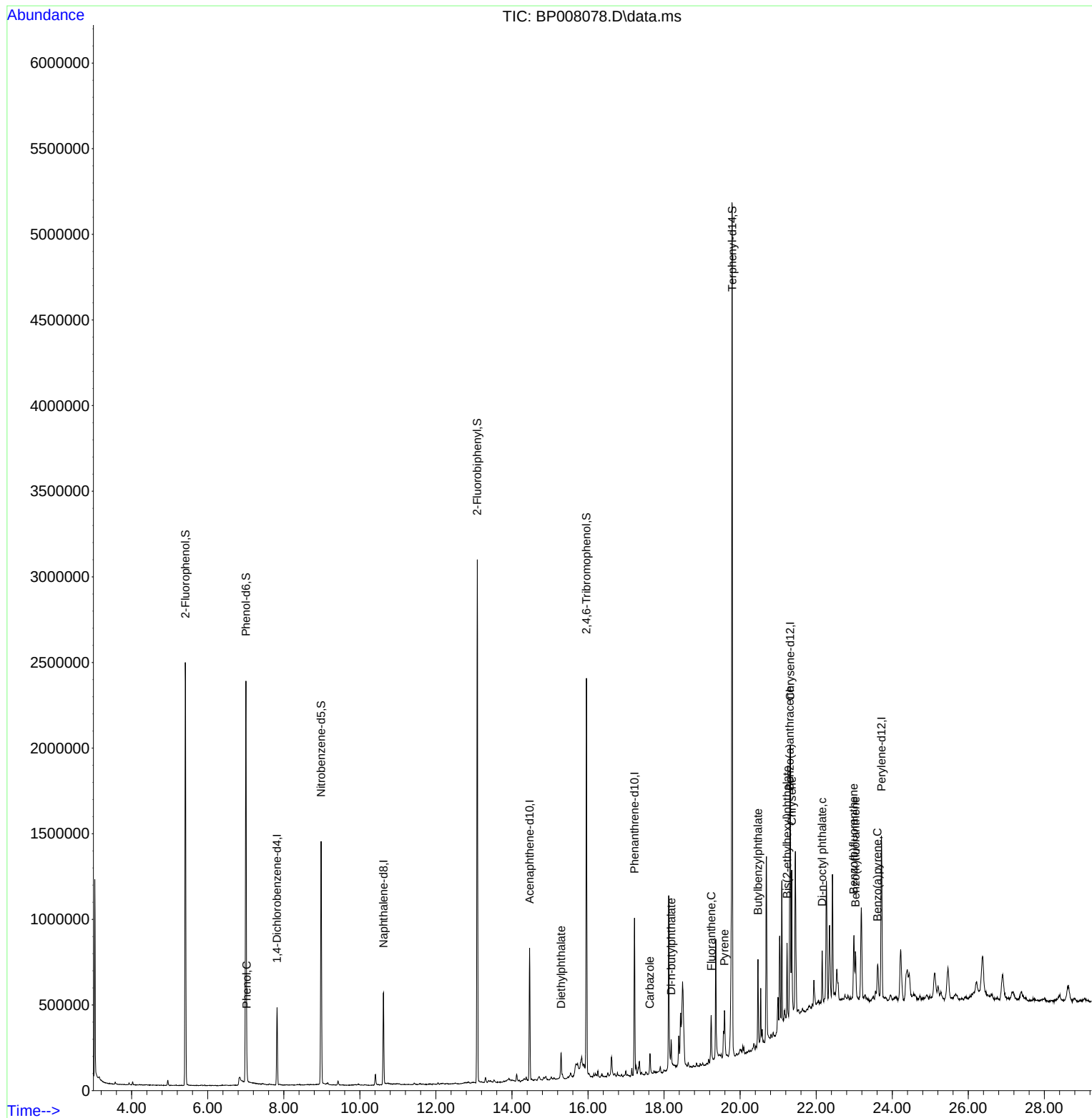
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	115699	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	423214	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	259702	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	549362	20.000	ng	0.00
76) Chrysene-d12	21.316	240	655913	20.000	ng	0.00
86) Perylene-d12	23.716	264	732756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	988206	145.990	ng	0.00
7) Phenol-d6	7.005	99	1250394	133.262	ng	0.00
23) Nitrobenzene-d5	8.981	82	818127	87.696	ng	-0.01
42) 2,4,6-Tribromophenol	15.957	330	399477	121.548	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	1550206	93.468	ng	0.00
79) Terphenyl-d14	19.792	244	2354855	70.586	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.028	94	30935	3.078	ng	95
60) Diethylphthalate	15.293	149	112048	5.554	ng	97
73) Carbazole	17.628	167	93867	3.154	ng	98
74) Di-n-butylphthalate	18.186	149	111086	3.425	ng	98
75) Fluoranthene	19.239	202	178004	4.666	ng	98
78) Pyrene	19.586	202	199283	4.474	ng	99
80) Butylbenzylphthalate	20.469	149	153852	8.267	ng	98
81) Benzo(a)anthracene	21.304	228	442486	10.059	ng	100
83) Chrysene	21.357	228	486678	11.659	ng	99
84) Bis(2-ethylhexyl)phtha...	21.233	149	157554	6.258	ng	99
85) Di-n-octyl phthalate	22.157	149	231783	5.024	ng	# 98
88) Benzo(b)fluoranthene	22.986	252	208508	4.551	ng	# 97
89) Benzo(k)fluoranthene	23.033	252	222706	4.886	ng	97
90) Benzo(a)pyrene	23.610	252	130488	3.398	ng	# 98

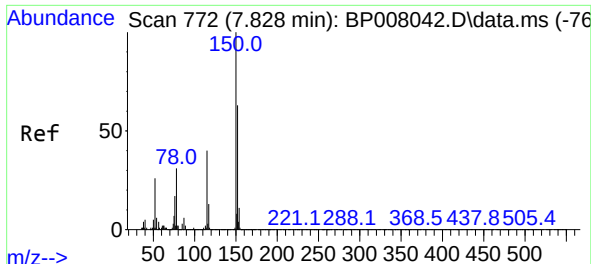
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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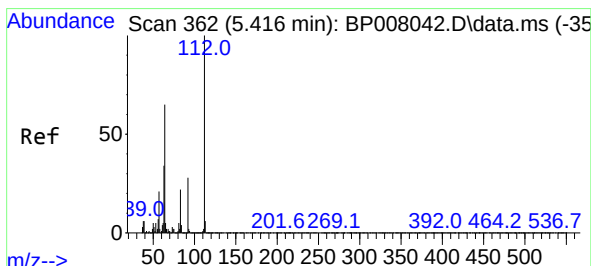
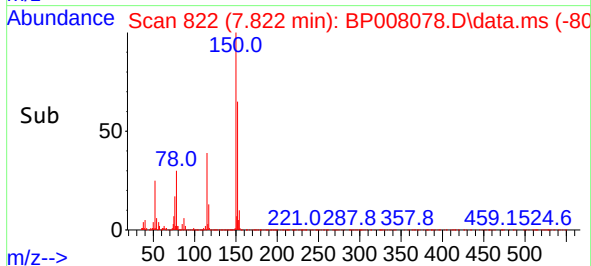
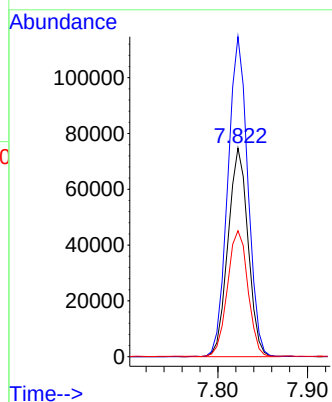
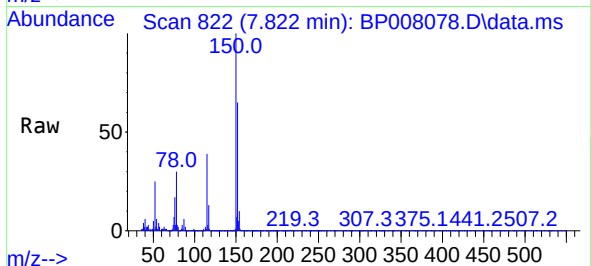




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

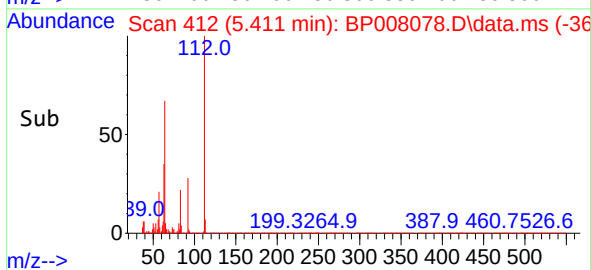
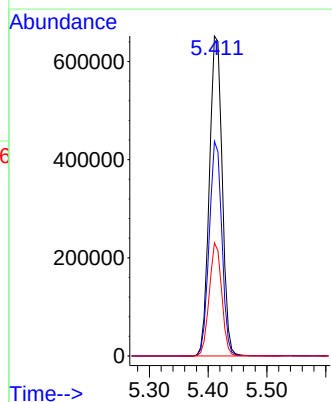
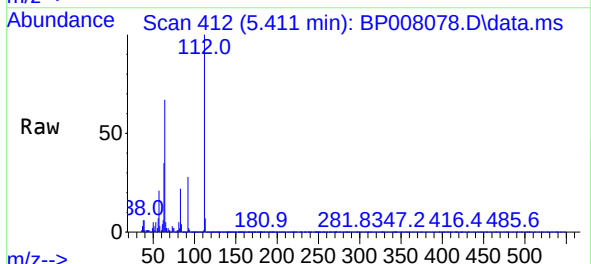
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

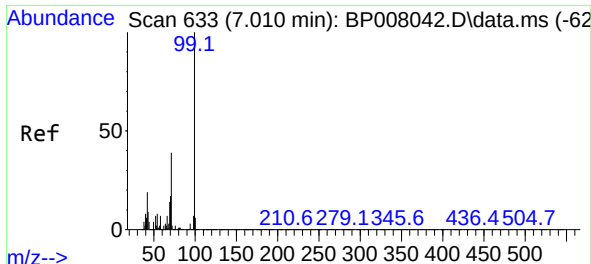
Tgt Ion:152 Resp: 115699
Ion Ratio Lower Upper
152 100
150 153.3 126.5 189.7
115 60.4 50.6 75.8



#5
2-Fluorophenol
Concen: 145.990 ng
RT: 5.411 min Scan# 412
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:112 Resp: 988206
Ion Ratio Lower Upper
112 100
64 67.1 51.7 77.5
63 35.4 27.4 41.0



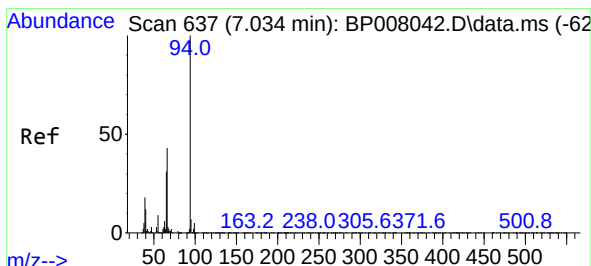
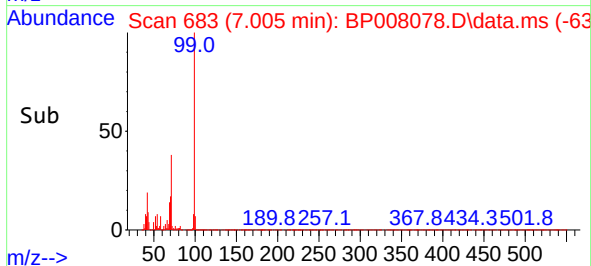
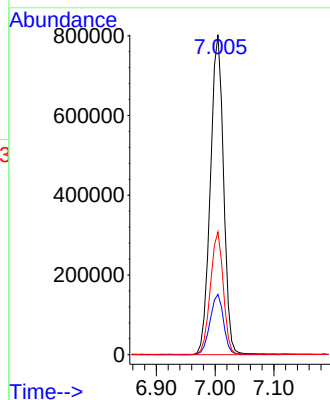
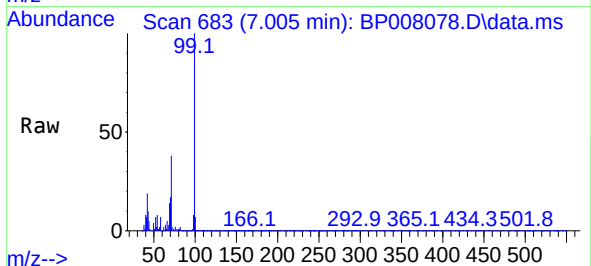


#7
Phenol-d6
Concen: 133.262 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

Tgt Ion: 99 Resp: 1250394

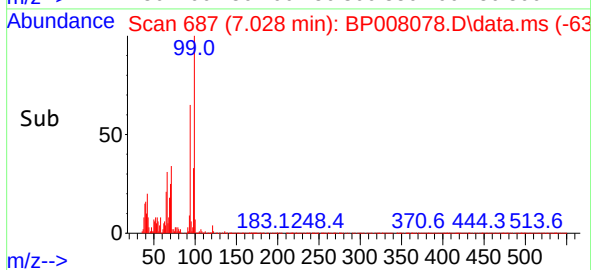
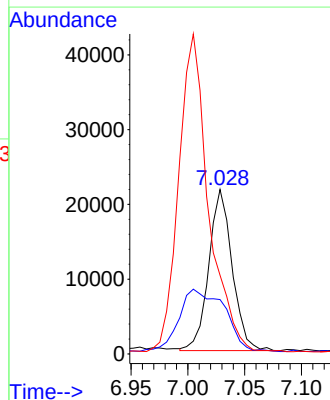
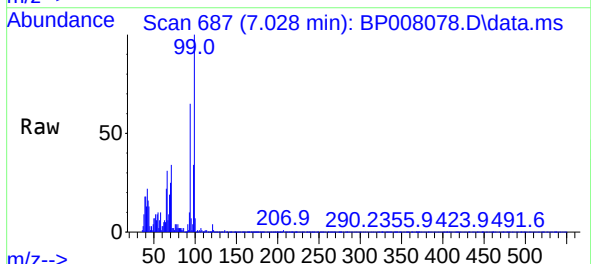
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.2
71	38.4	31.0	46.6

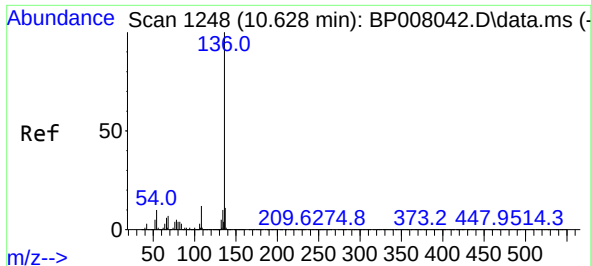


#10
Phenol
Concen: 3.078 ng
RT: 7.028 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion: 94 Resp: 30935

Ion	Ratio	Lower	Upper
94	100		
65	33.1	11.5	51.5
66	47.8	23.5	63.5



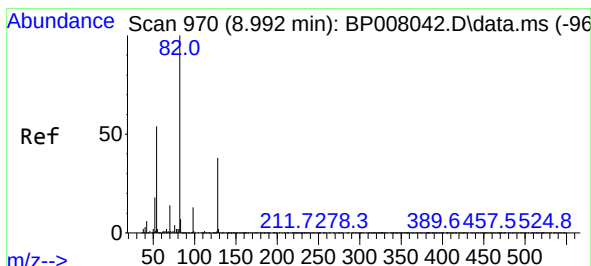
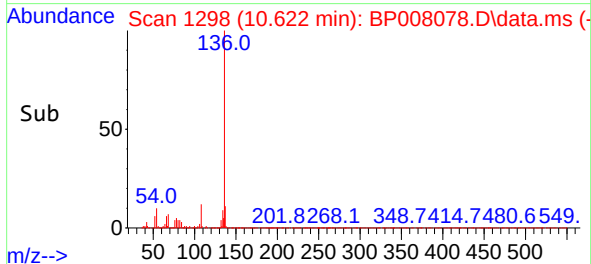
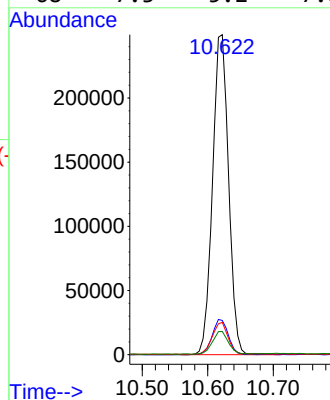
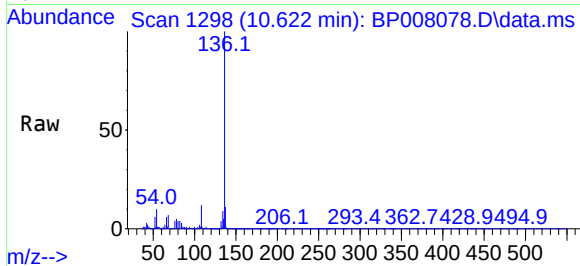


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

Tgt Ion:136 Resp: 423214

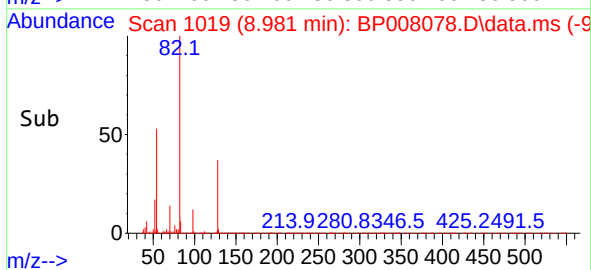
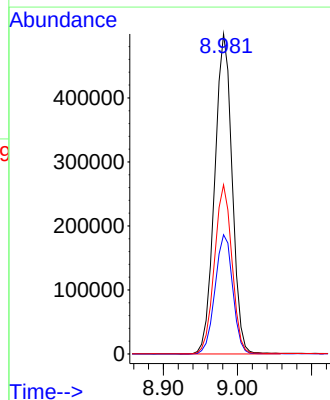
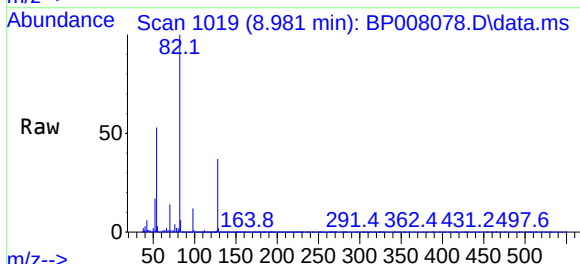
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.1	8.0	12.0
68	7.3	5.2	7.8

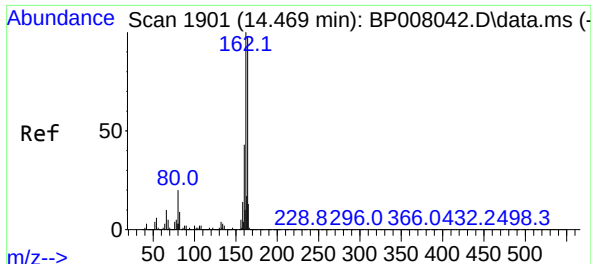


#23
Nitrobenzene-d5
Concen: 87.696 ng
RT: 8.981 min Scan# 1019
Delta R.T. -0.011 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion: 82 Resp: 818127

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.2	45.2
54	52.9	43.1	64.7

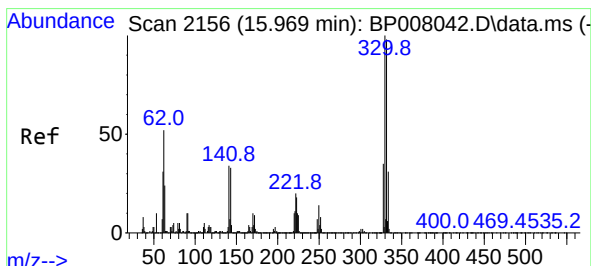
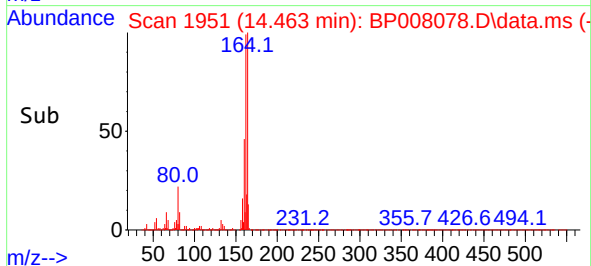
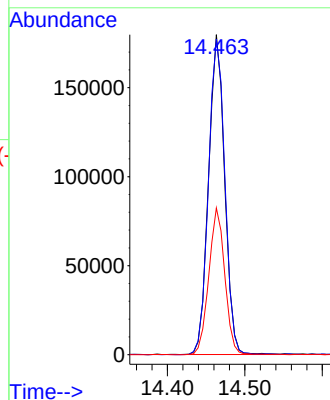
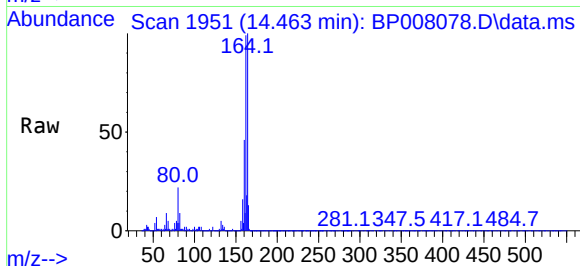




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

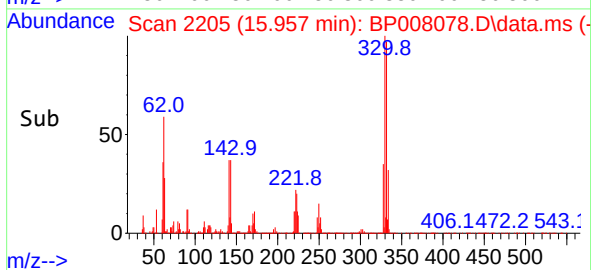
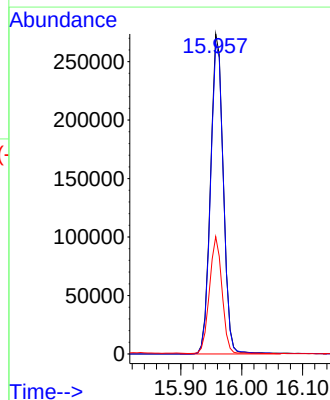
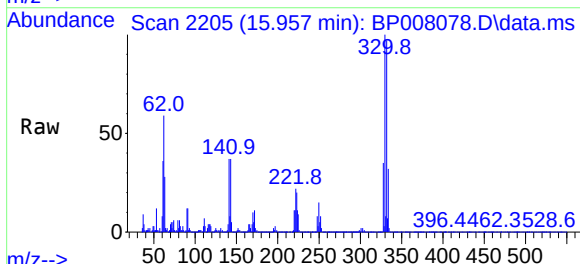
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

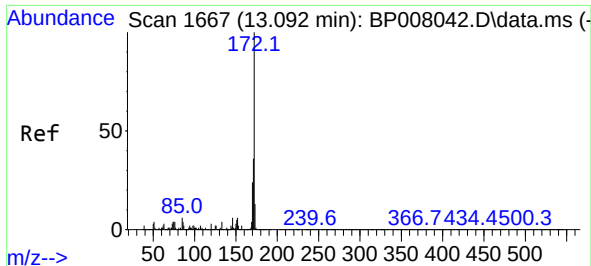
Tgt Ion:164 Resp: 259702
Ion Ratio Lower Upper
164 100
162 98.6 81.8 122.8
160 45.9 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 121.548 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:330 Resp: 399477
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 35.5 29.6 44.4

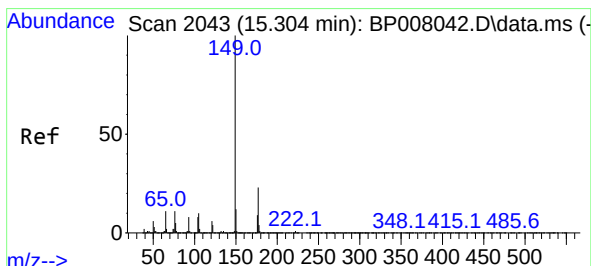
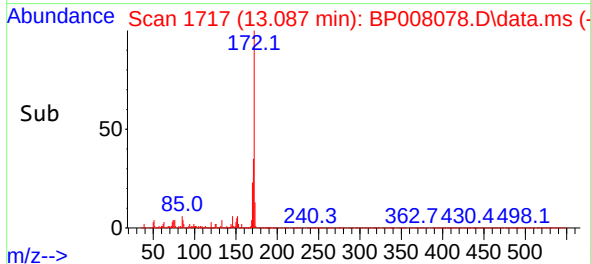
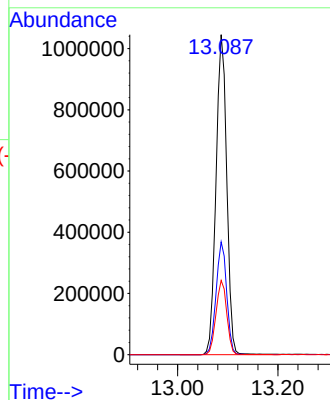
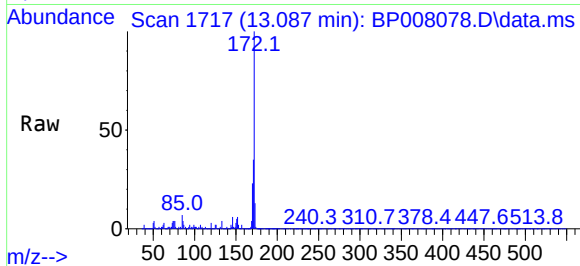




#45
2-Fluorobiphenyl
Concen: 93.468 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

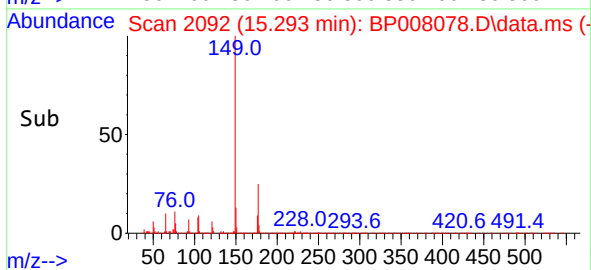
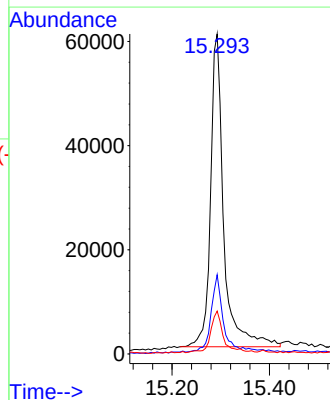
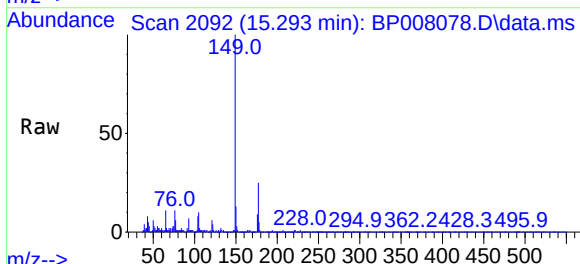
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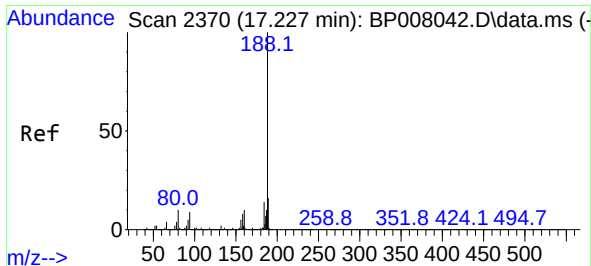
Tgt Ion:172 Resp: 1550206
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 23.2 19.0 28.4



#60
Diethylphthalate
Concen: 5.554 ng
RT: 15.293 min Scan# 2092
Delta R.T. -0.011 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:149 Resp: 112048
Ion Ratio Lower Upper
149 100
177 24.8 18.3 27.5
150 13.4 10.0 15.0

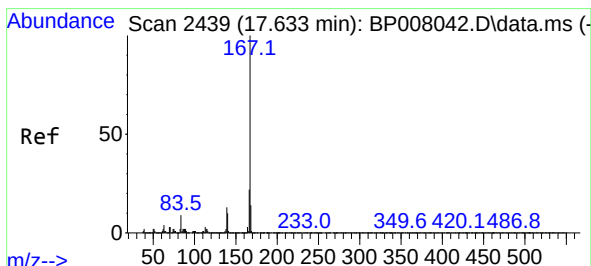
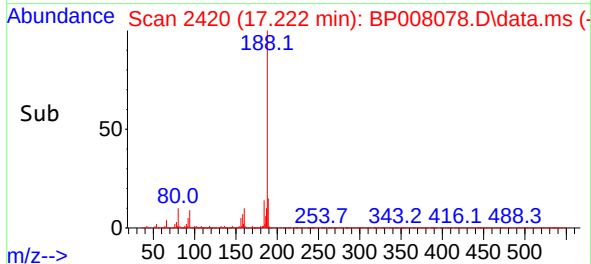
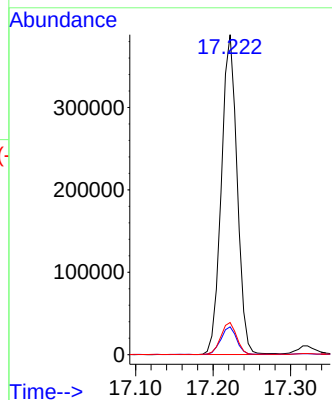
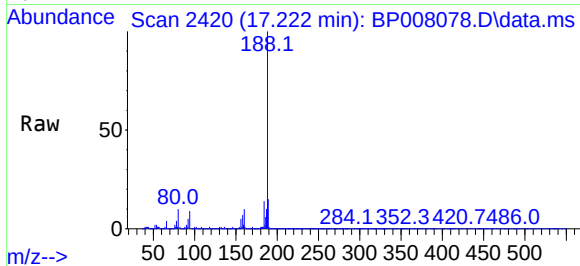




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 24
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

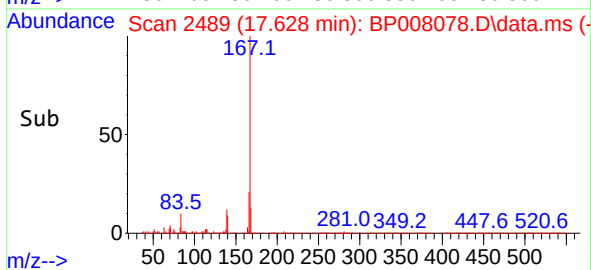
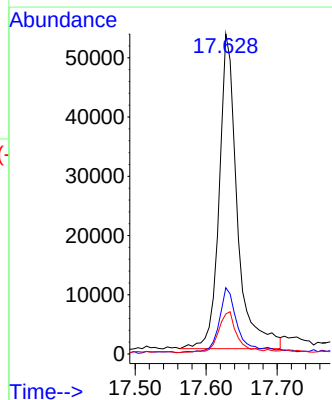
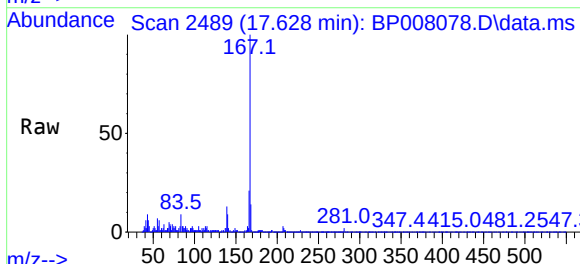
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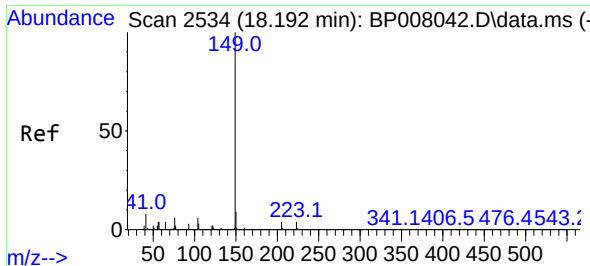
Tgt Ion:188 Resp: 549362
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 10.1 8.1 12.1



#73
Carbazole
Concen: 3.154 ng
RT: 17.628 min Scan# 2489
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:167 Resp: 93867
Ion Ratio Lower Upper
167 100
166 20.7 17.5 26.3
139 12.5 10.4 15.6

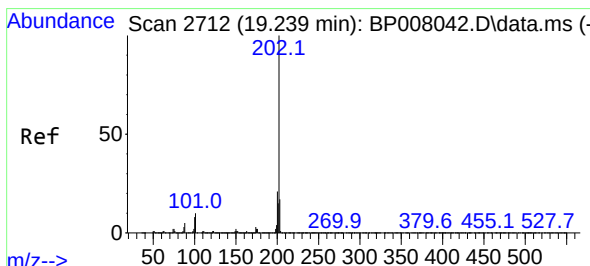
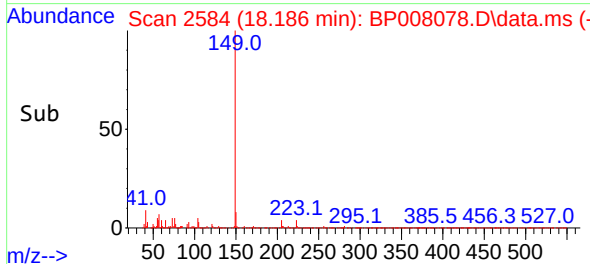
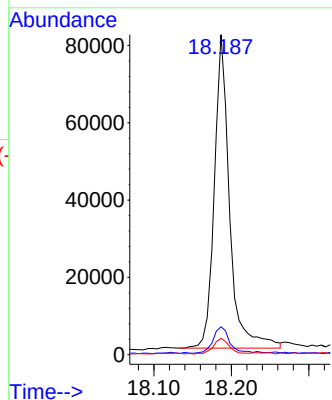
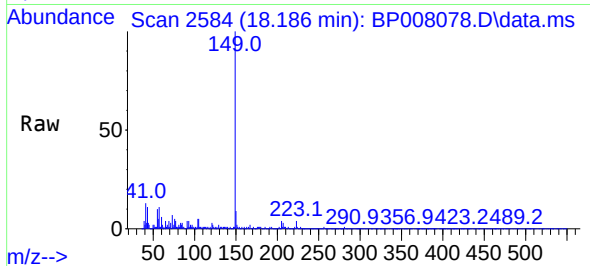




#74
Di-n-butylphthalate
Concen: 3.425 ng
RT: 18.186 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

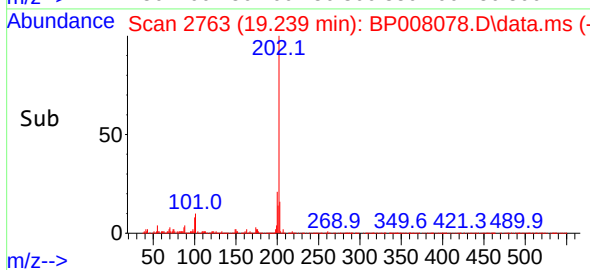
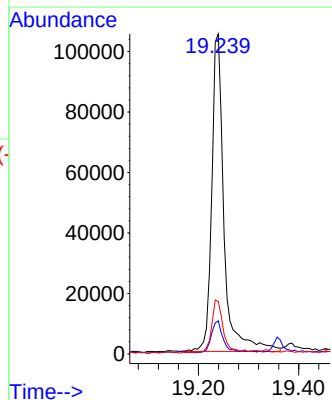
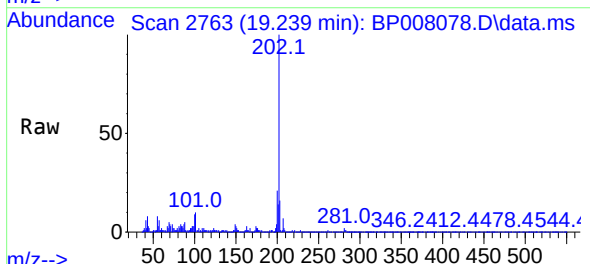
Instrument :
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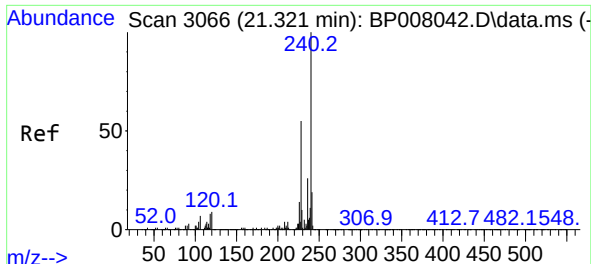
Tgt Ion:149 Resp: 111086
Ion Ratio Lower Upper
149 100
150 8.7 7.4 11.2
104 5.1 4.5 6.7



#75
Fluoranthene
Concen: 4.666 ng
RT: 19.239 min Scan# 2763
Delta R.T. 0.000 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:202 Resp: 178004
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.5
203 16.4 0.0 37.3

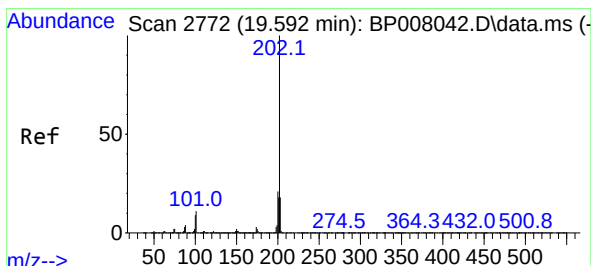
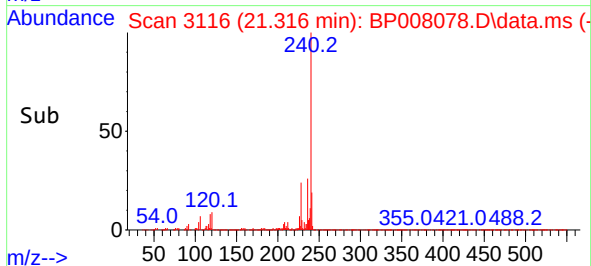
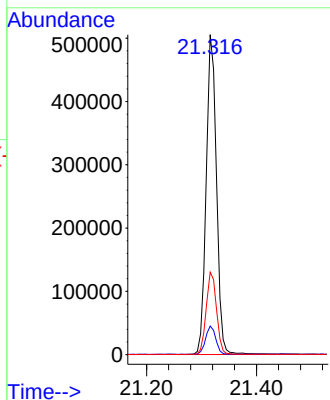
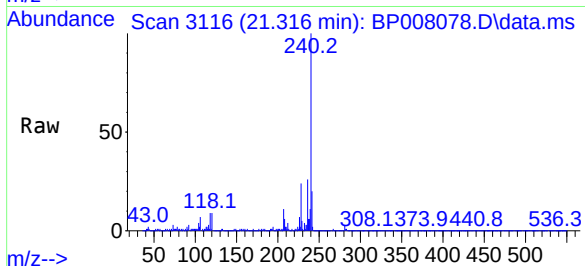




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.316 min Scan# 3116
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

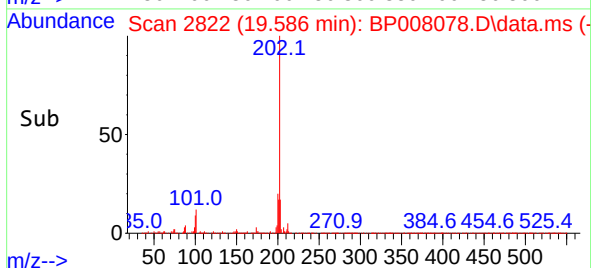
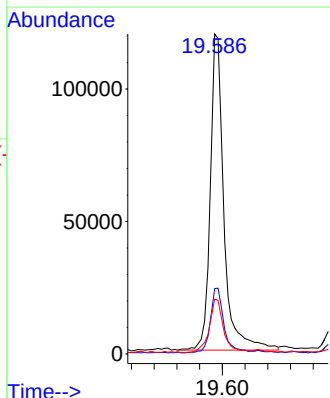
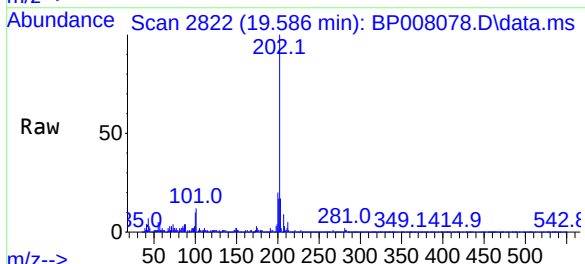
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

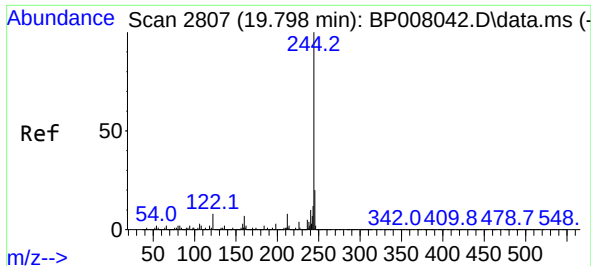
Tgt Ion:240 Resp: 655913
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 25.8 21.0 31.4



#78
Pyrene
Concen: 4.474 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:202 Resp: 199283
Ion Ratio Lower Upper
202 100
200 20.5 16.9 25.3
203 17.1 14.2 21.2

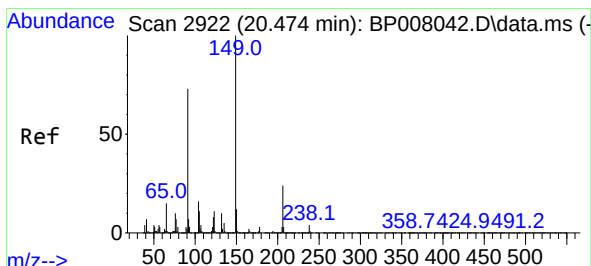
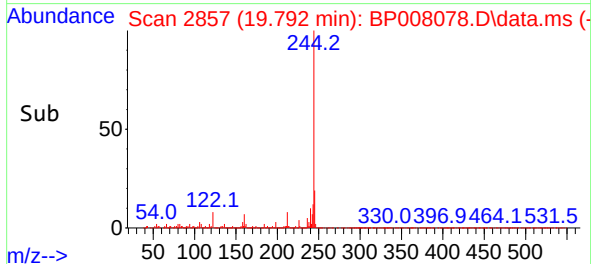
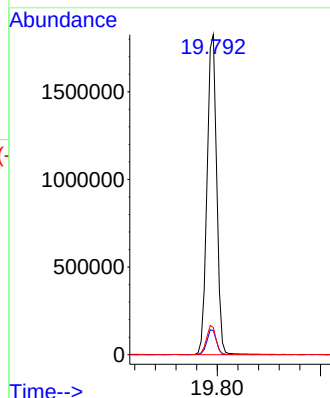
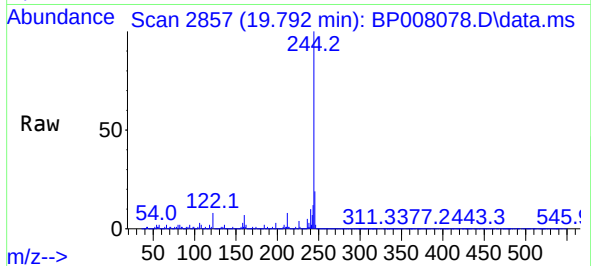




#79
 Terphenyl-d14
 Concen: 70.586 ng
 RT: 19.792 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

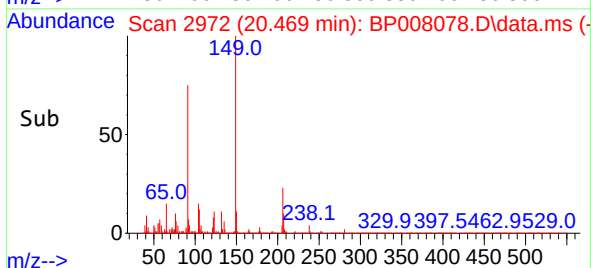
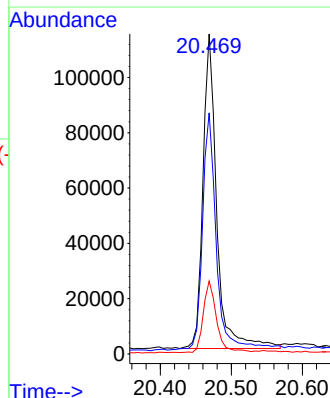
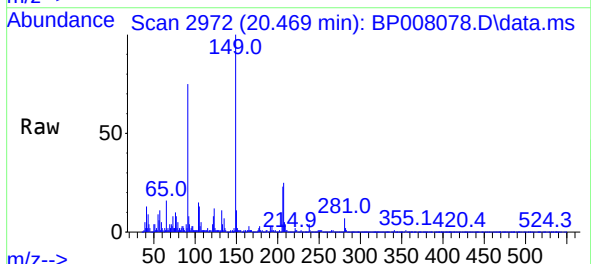
Instrument :
 BNA_P
 ClientSampleId :
 TP-8-COMP

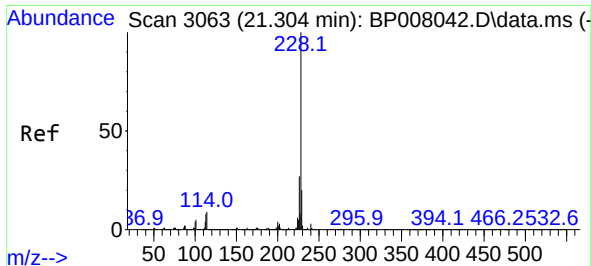
Tgt Ion:244 Resp: 2354855
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.5 6.1 9.1



#80
 Butylbenzylphthalate
 Concen: 8.267 ng
 RT: 20.469 min Scan# 2972
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

Tgt Ion:149 Resp: 153852
 Ion Ratio Lower Upper
 149 100
 91 75.3 58.6 88.0
 206 22.8 19.0 28.6

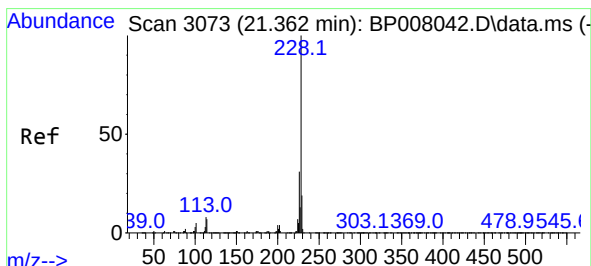
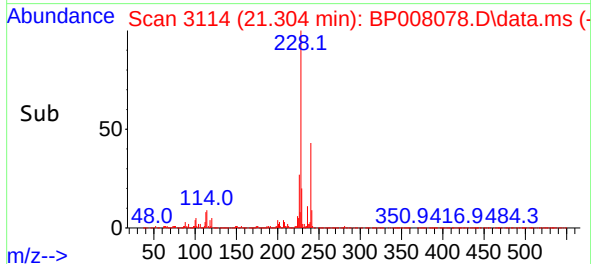
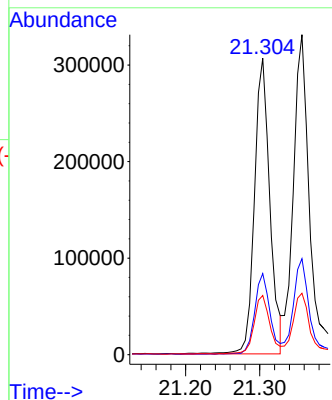
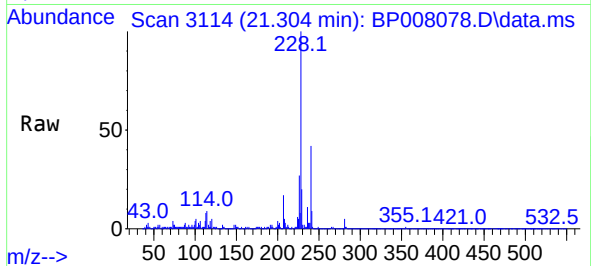




#81
Benzo(a)anthracene
Concen: 10.059 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

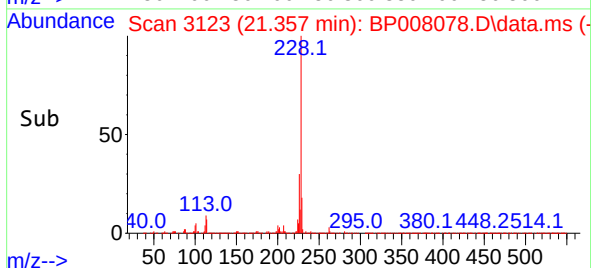
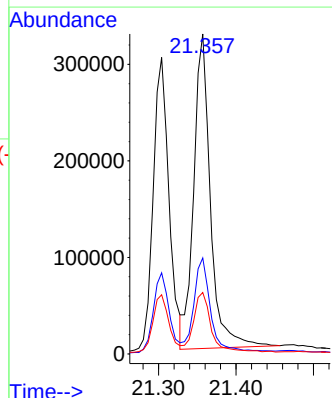
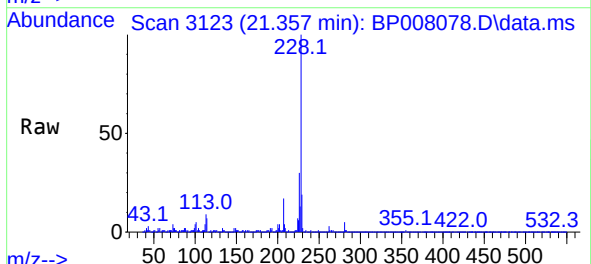
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

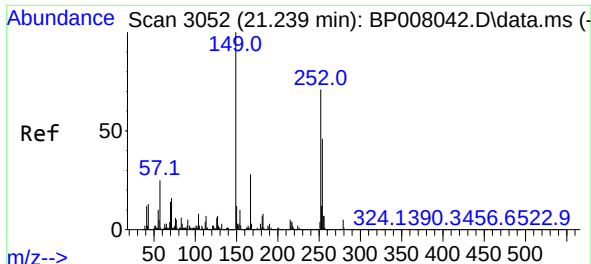
Tgt Ion:228 Resp: 442486
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.6
229 20.0 16.1 24.1



#83
Chrysene
Concen: 11.659 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:228 Resp: 486678
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 19.2 15.5 23.3

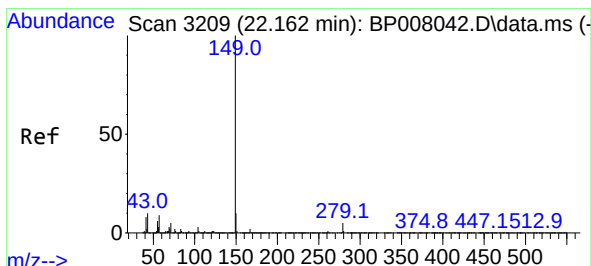
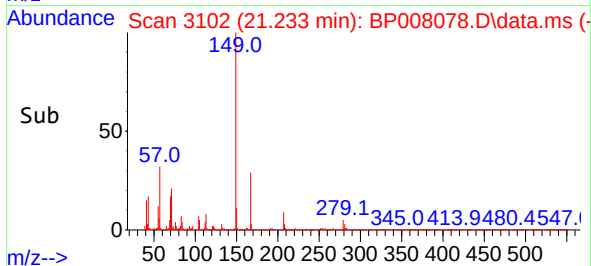
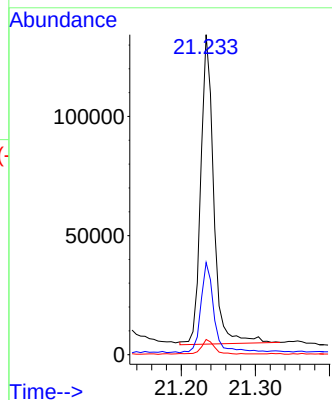
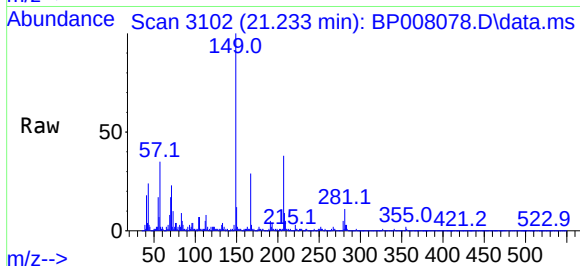




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.258 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

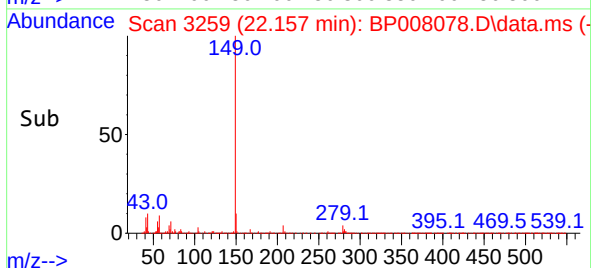
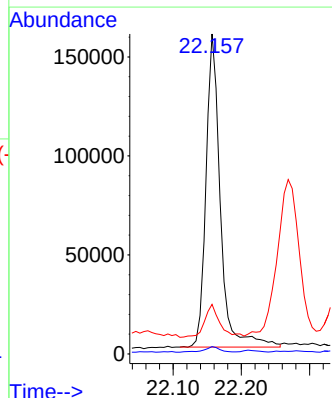
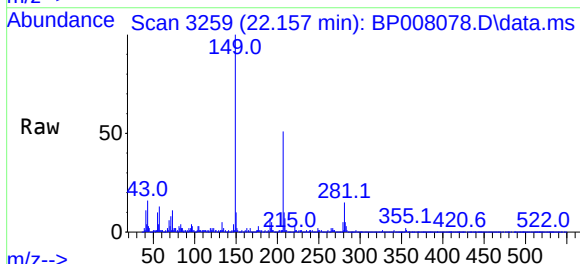
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

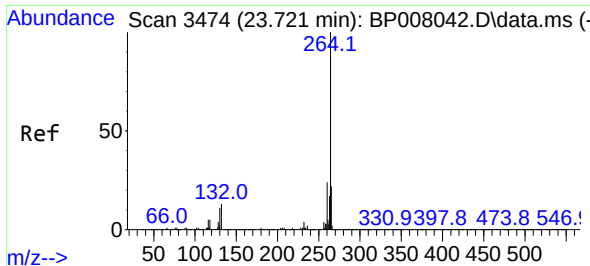
Tgt Ion:149 Resp: 157554
Ion Ratio Lower Upper
149 100
167 28.8 22.7 34.1
279 4.8 4.0 6.0



#85
Di-n-octyl phthalate
Concen: 5.024 ng
RT: 22.157 min Scan# 3259
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:149 Resp: 231783
Ion Ratio Lower Upper
149 100
167 2.0 1.3 1.9#
43 10.6 8.0 12.0



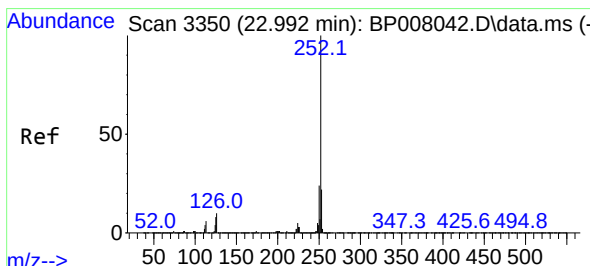
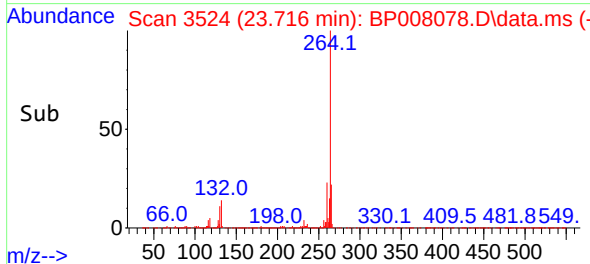
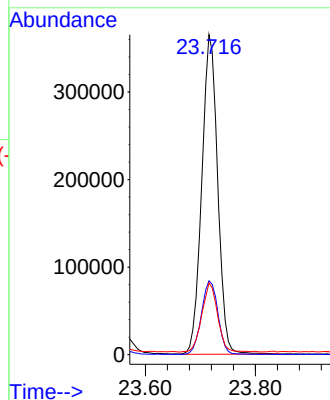
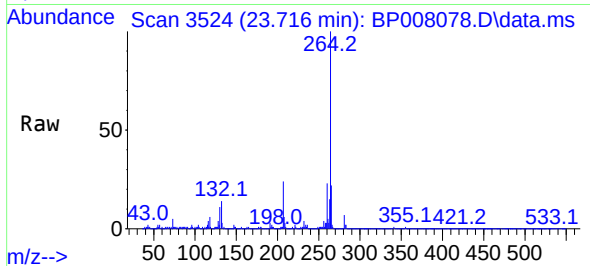


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.716 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

Tgt Ion:264 Resp: 732756

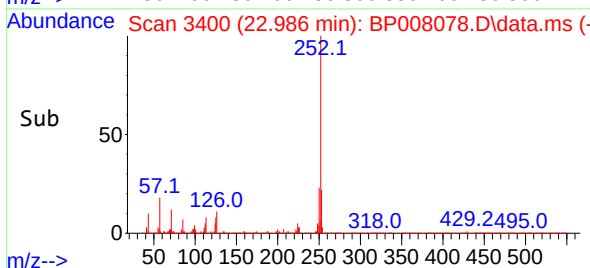
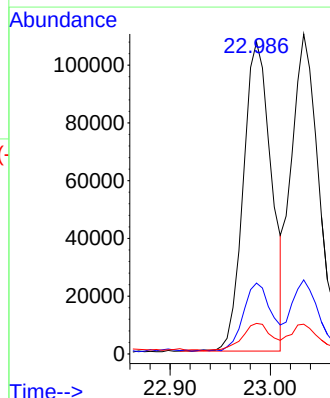
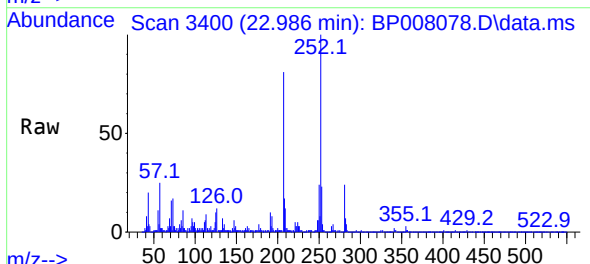
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	22.4	17.7	26.5

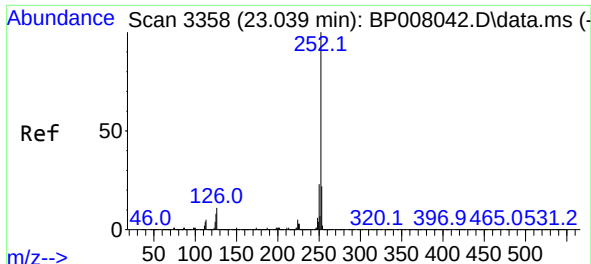


#88
Benzo(b)fluoranthene
Concen: 4.551 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:252 Resp: 208508

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.8	6.1	9.1

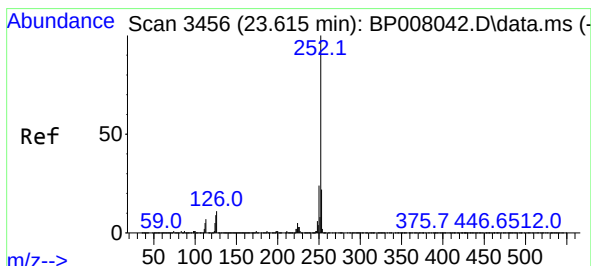
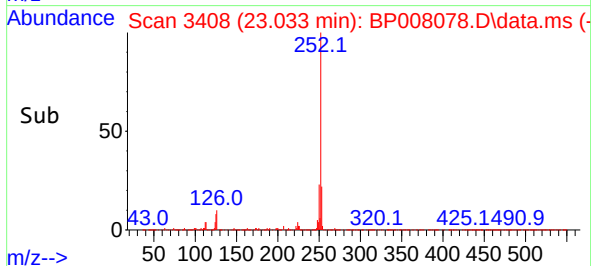
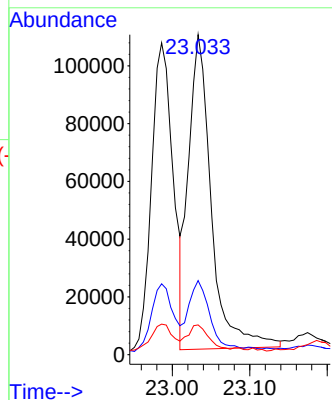
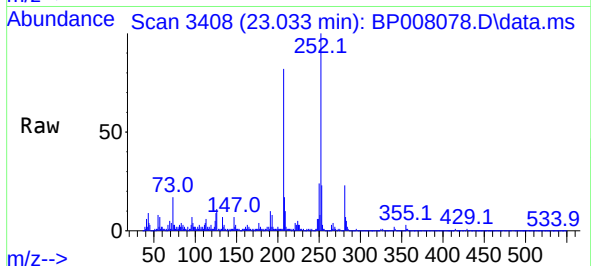




#89
Benzo(k)fluoranthene
Concen: 4.886 ng
RT: 23.033 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

Tgt Ion:252 Resp: 222706
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.0
125 9.3 6.2 9.4



#90
Benzo(a)pyrene
Concen: 3.398 ng
RT: 23.610 min Scan# 3506
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion:252 Resp: 130488
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 11.3 7.4 11.2#

