

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)

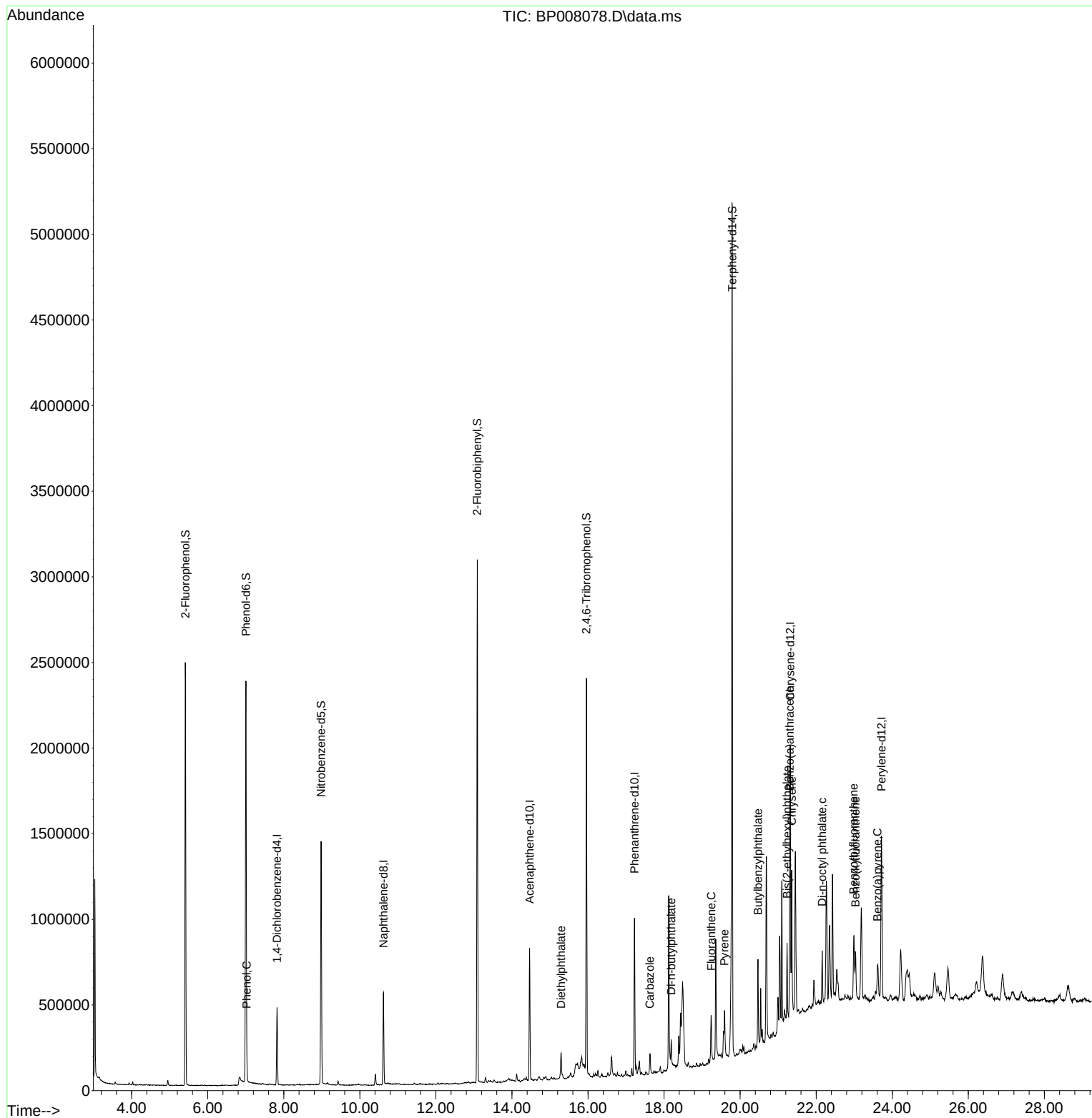
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	115699	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	423214	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	259702	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	549362	20.000	ng	0.00
76) Chrysene-d12	21.316	240	655913	20.000	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	6.958	77	436	Below Cal	#	28
10) Phenol	7.028	94	30935	3.078	ng	95
58) Fluorene	15.522	166	5027	Below Cal	#	90
60) Diethylphthalate	15.293	149	112048	5.554	ng	97
61) 4-Chlorophenyl-phenyle...	15.510	204	1929	Below Cal	#	92
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
82) 3,3'-Dichlorobenzidine	21.239	252	5229	Below Cal	#	76
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

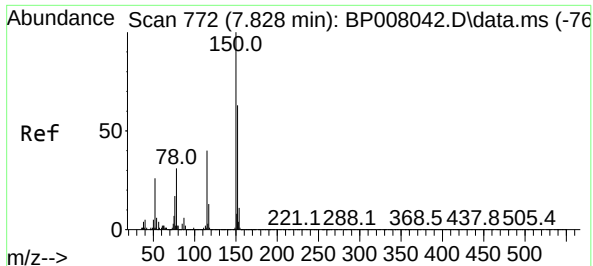
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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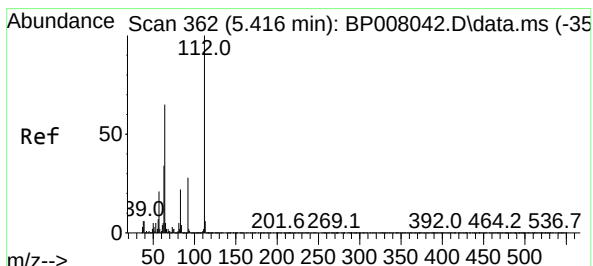
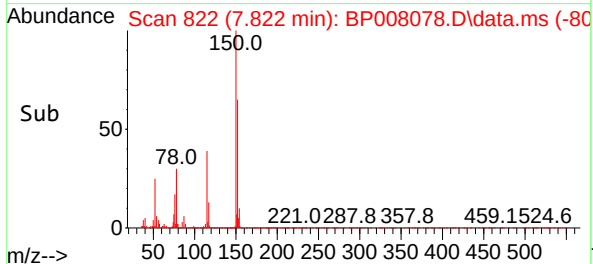
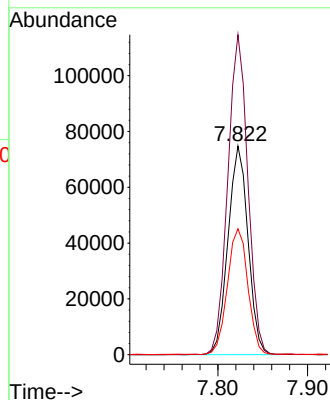
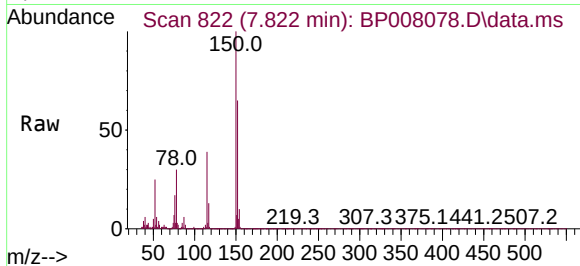




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

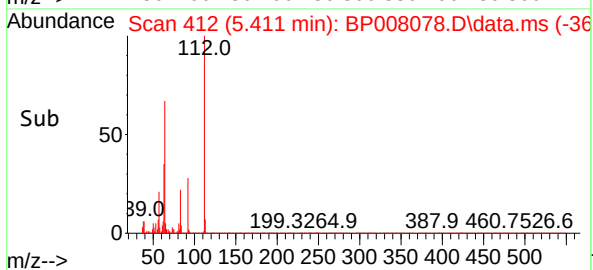
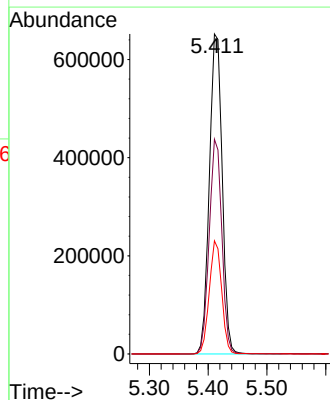
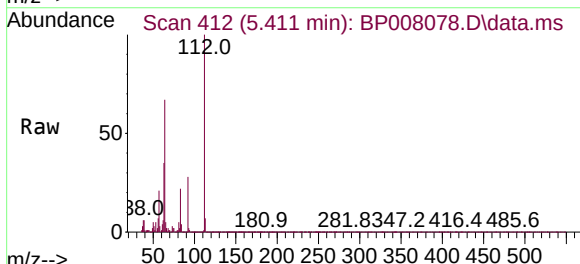
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

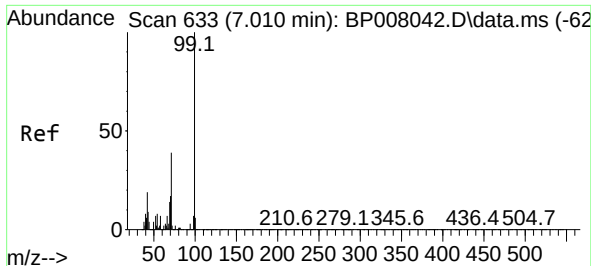
Tgt Ion:152 Resp: 115699
Ion Ratio Lower Upper
152 100
150 153.3 126.5 189.7
115 60.4 50.6 75.8



#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



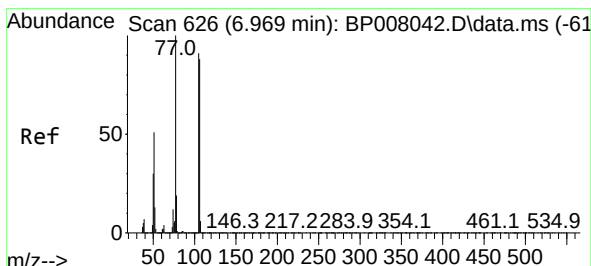
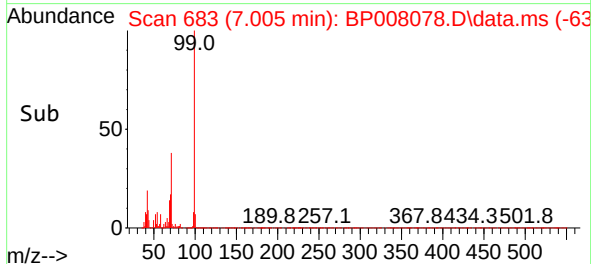
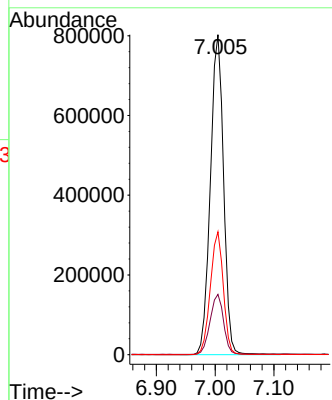
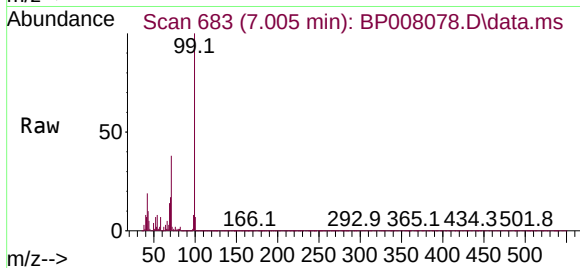


#7
Phenol-d6
Concen: 133.262 ng
RT: 7.005 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

Tgt Ion: 99 Resp: 1250394

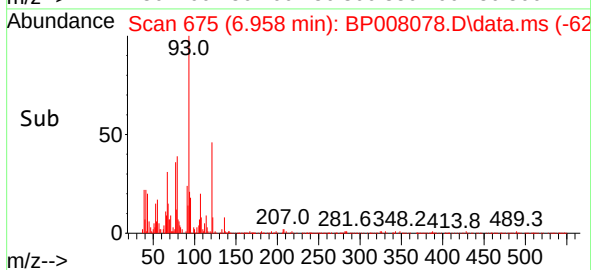
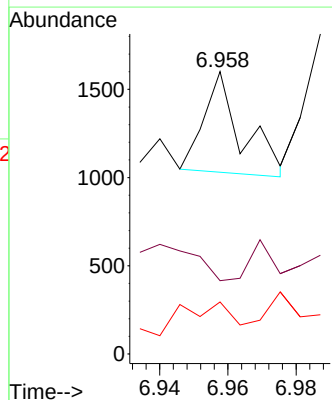
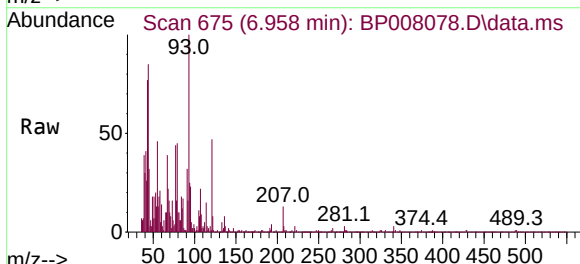
Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.4	23.2
71	38.4	31.0	46.6

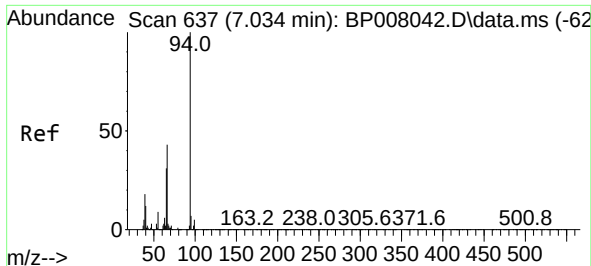


#9
Benzaldehyde
Concen: Below Cal
RT: 6.958 min Scan# 675
Delta R.T. -0.011 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

Tgt Ion: 77 Resp: 436

Ion	Ratio	Lower	Upper
77	100		
105	26.0	71.5	111.5#
106	18.4	67.9	107.9#

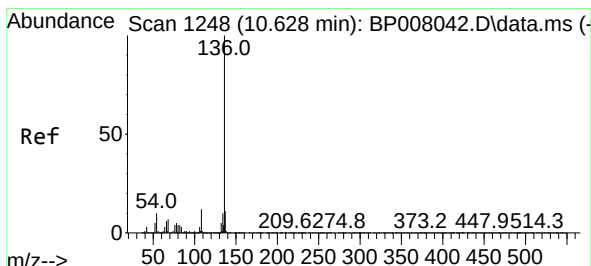
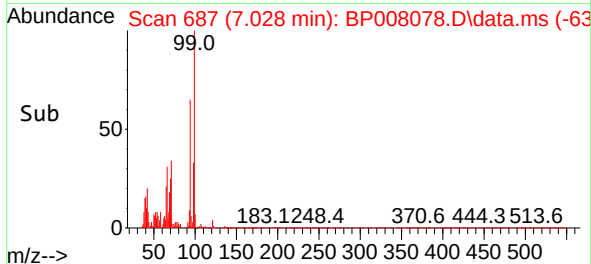
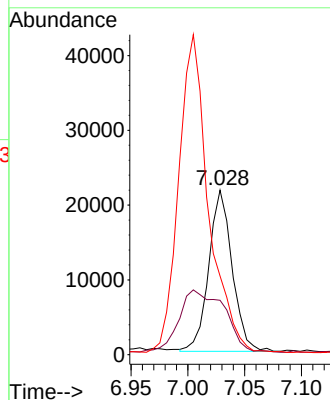
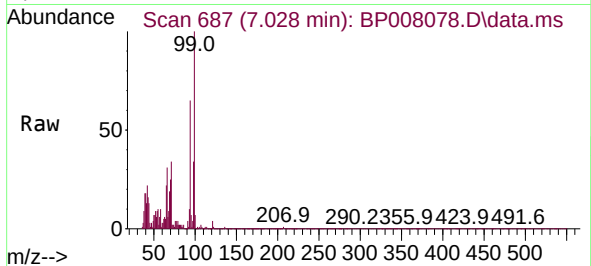




#10
Phenol
Concen: 3.078 ng
RT: 7.028 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

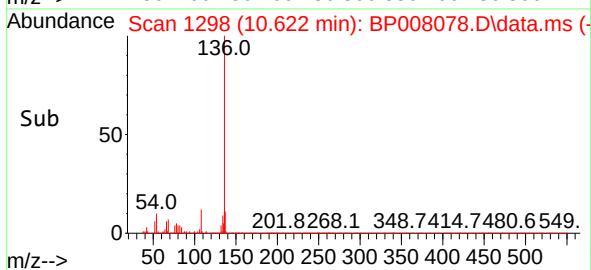
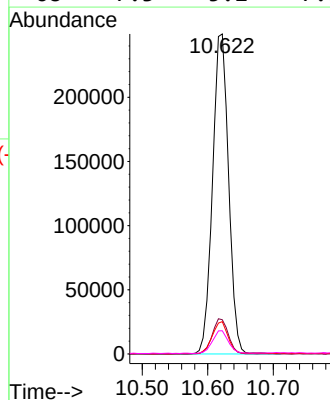
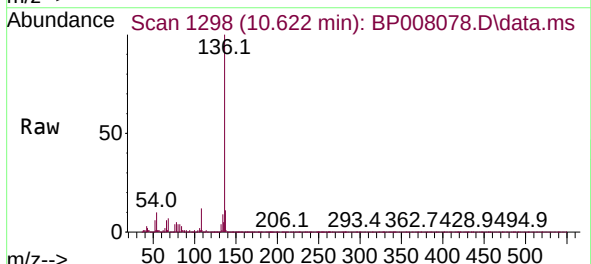
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

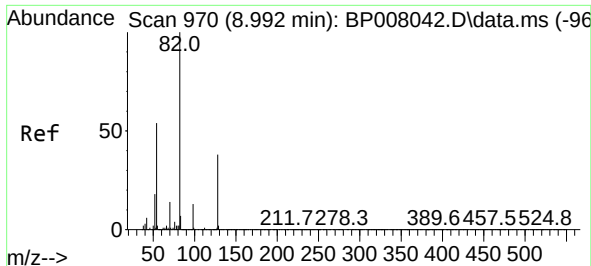
Tgt Ion: 94 Resp: 30935
Ion Ratio Lower Upper
94 100
65 33.1 11.5 51.5
66 47.8 23.5 63.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

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

Instrument :

BNA_P

ClientSampleId :

TP-8-COMP

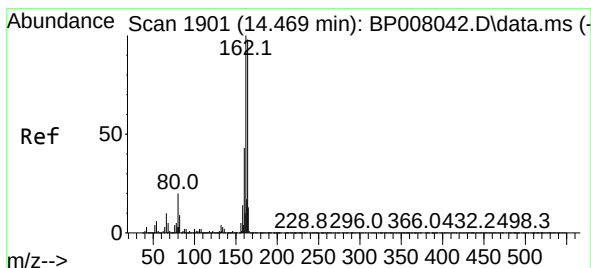
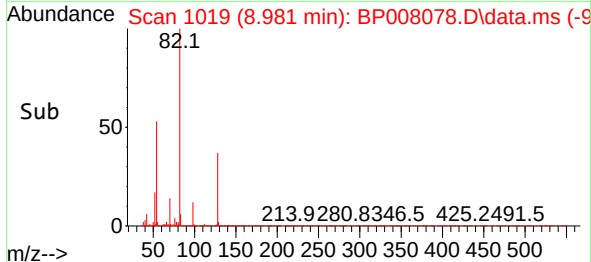
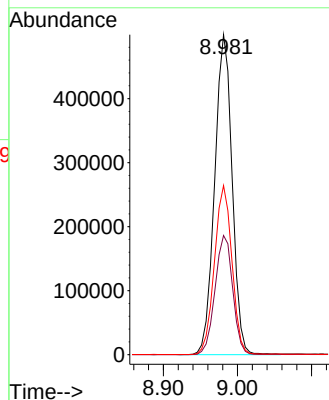
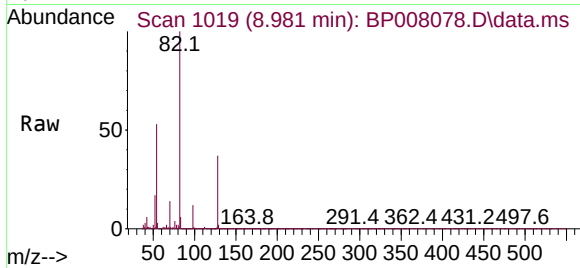
Tgt Ion: 82 Resp: 818127

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# 1951

Delta R.T. -0.006 min

Lab File: BP008078.D

Acq: 22 Nov 2021 12:27

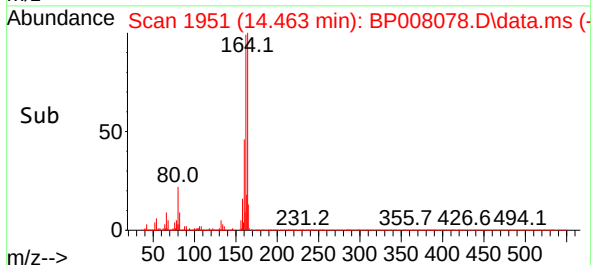
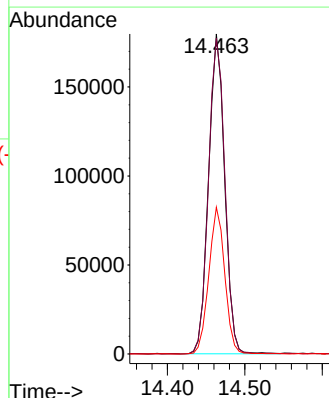
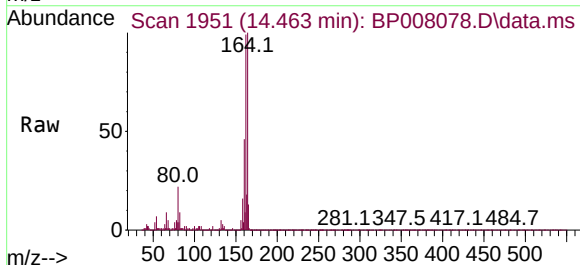
Tgt Ion:164 Resp: 259702

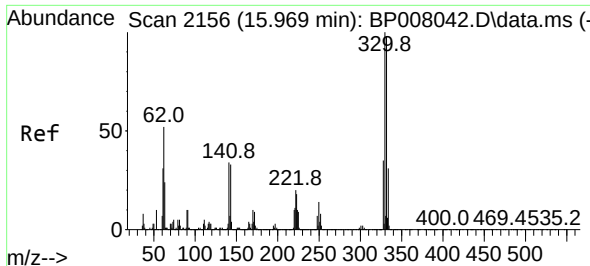
Ion Ratio Lower Upper

164 100

162 98.6 81.8 122.8

160 45.9 35.1 52.7

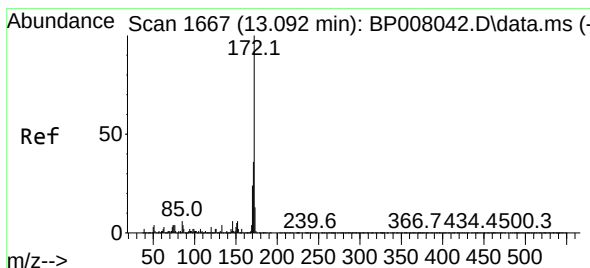
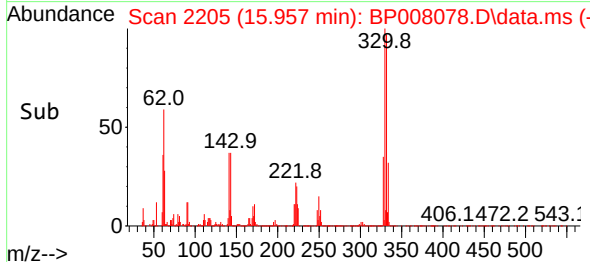
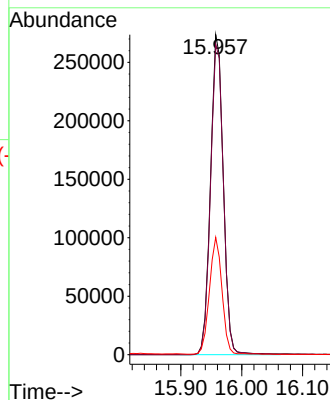
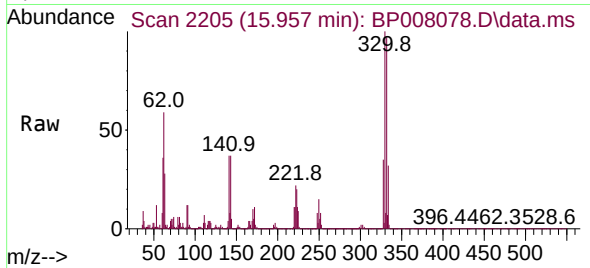




#42
2,4,6-Tribromophenol
Concen: 121.548 ng
RT: 15.957 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

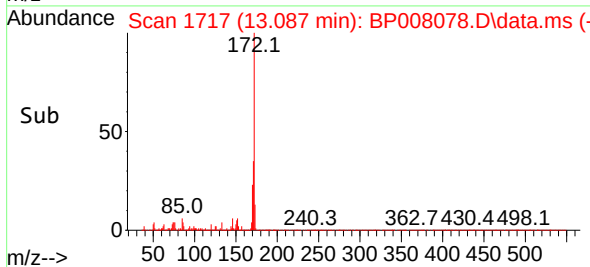
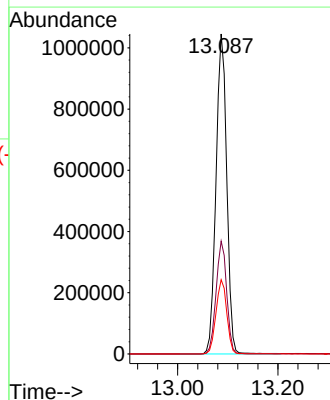
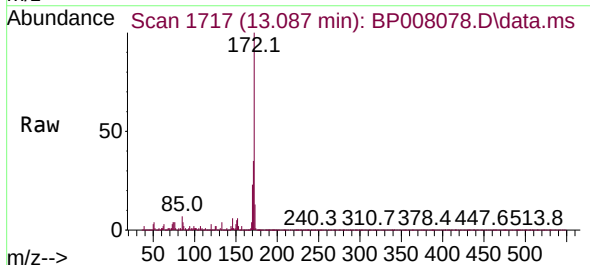
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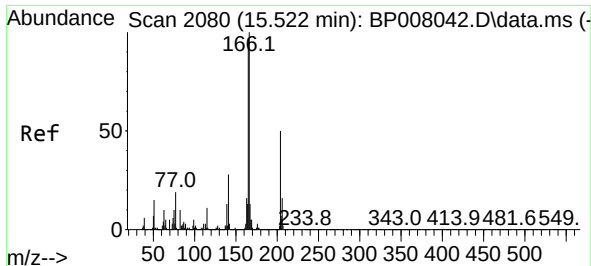
Tgt Ion: 330 Resp: 399477
Ion Ratio Lower Upper
330 100
332 97.9 78.0 117.0
141 35.5 29.6 44.4



#45
2-Fluorobiphenyl
Concen: 93.468 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

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

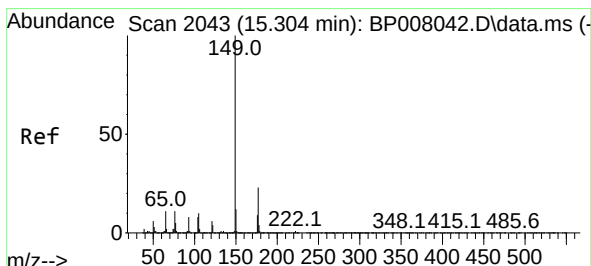
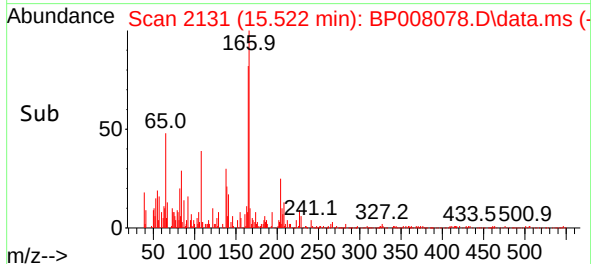
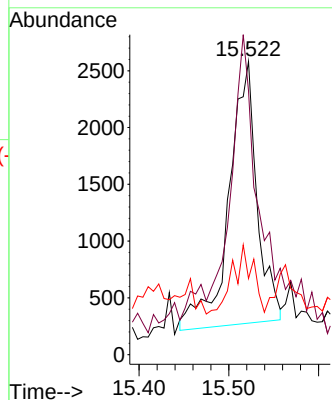
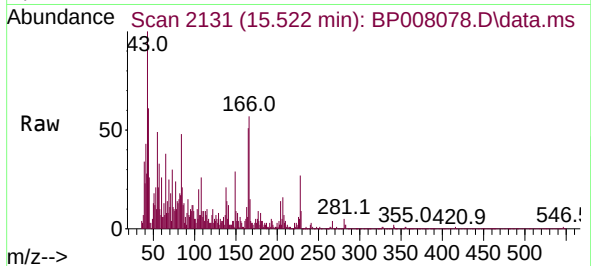




#58
Fluorene
Concen: Below Cal
RT: 15.522 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

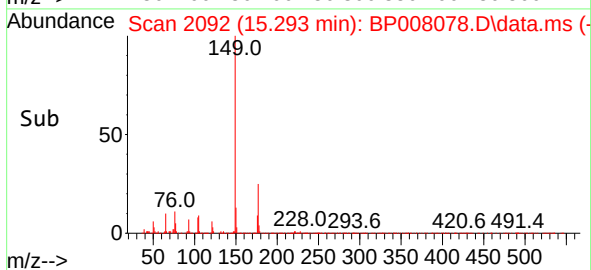
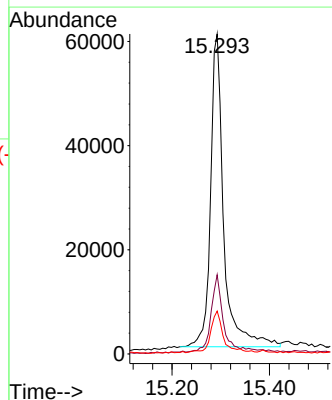
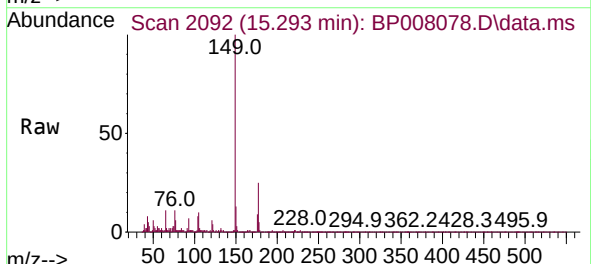
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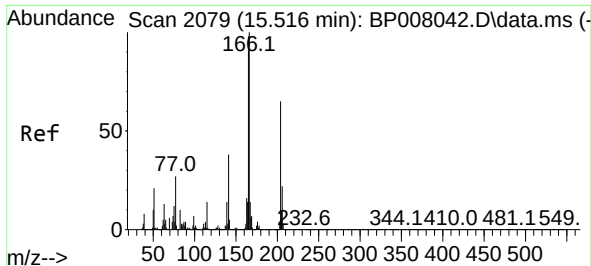
Tgt Ion:166 Resp: 5027
Ion Ratio Lower Upper
166 100
165 90.0 77.4 116.0
167 25.9 10.7 16.1#



#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

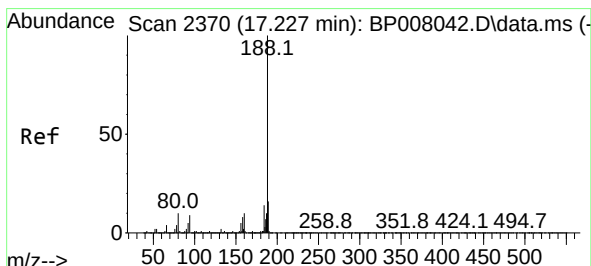
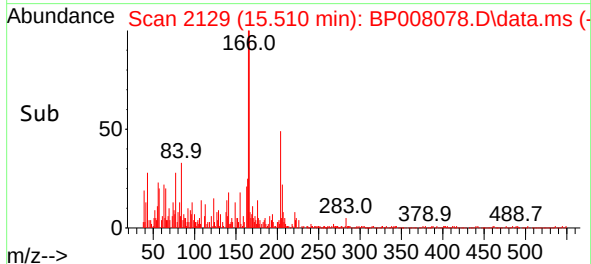
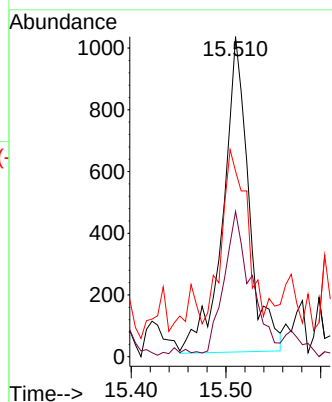
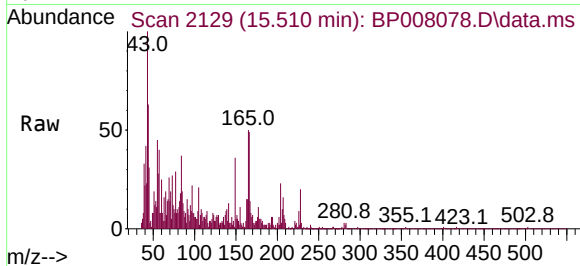




#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.510 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

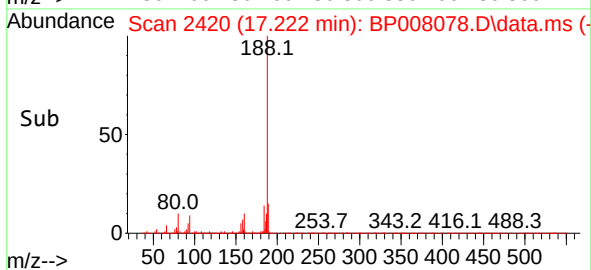
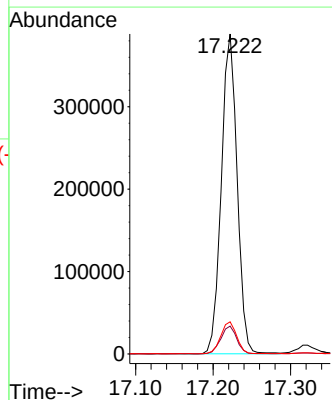
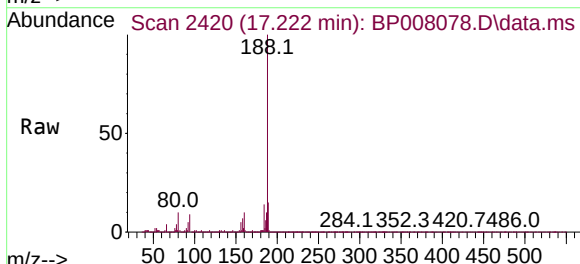
Instrument :
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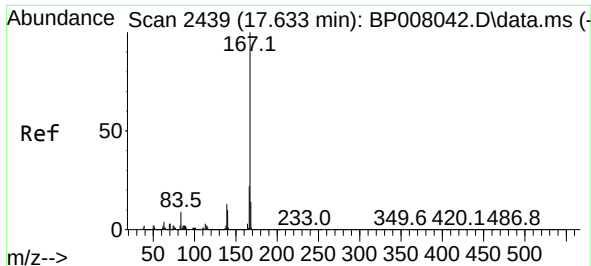
Tgt Ion:204 Resp: 1929
Ion Ratio Lower Upper
204 100
206 45.4 27.3 40.9#
141 58.0 46.7 70.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

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

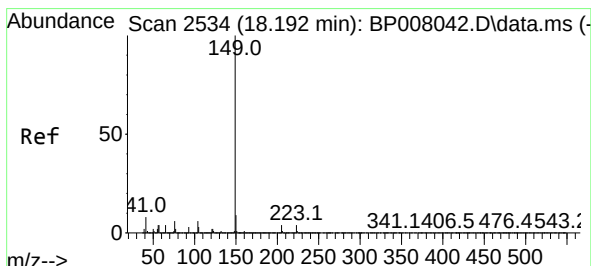
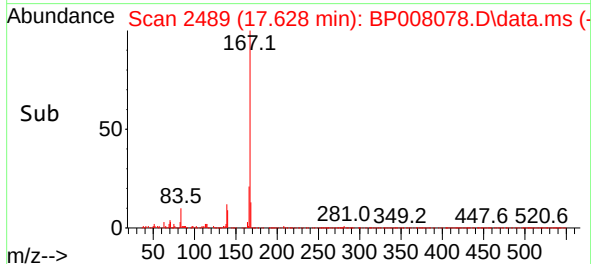
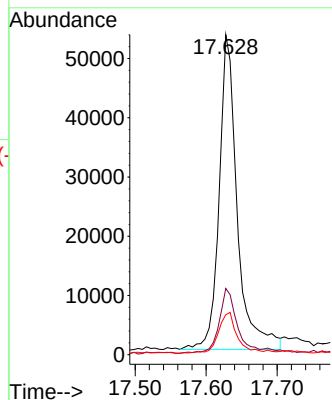
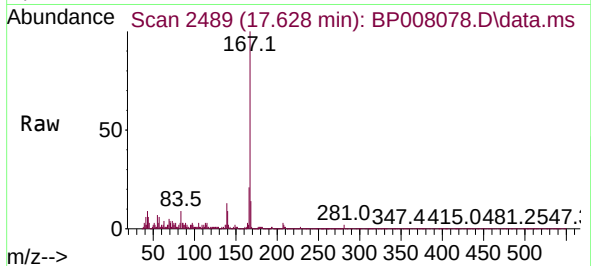




#73
 Carbazole
 Concen: 3.154 ng
 RT: 17.628 min Scan# 2439
 Delta R.T. -0.005 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

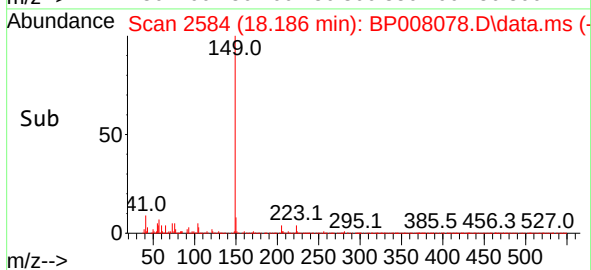
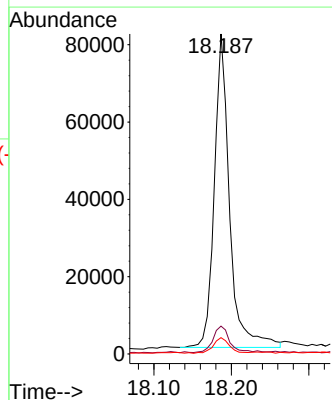
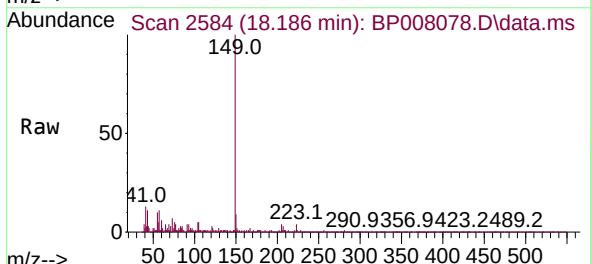
Instrument :
 BNA_P
 ClientSampleId :
 TP-8-COMP

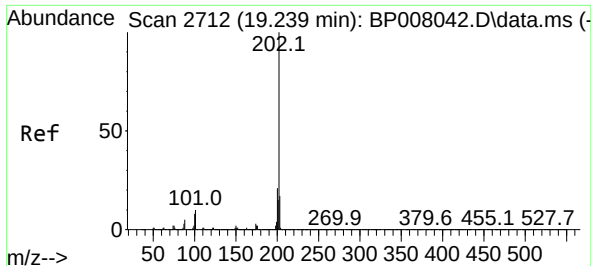
Tgt Ion:	167	Resp:	93867
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.5	26.3
139	12.5	10.4	15.6



#74
 Di-n-butylphthalate
 Concen: 3.425 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

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

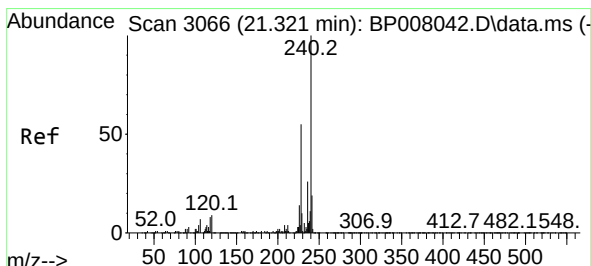
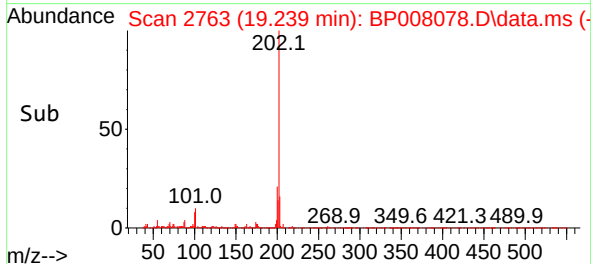
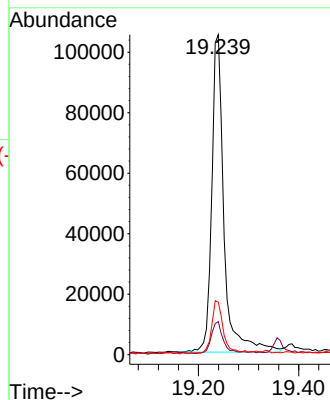
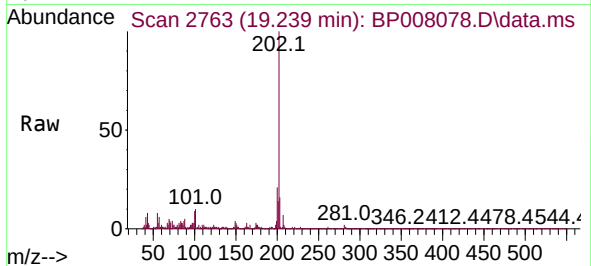




#75
Fluoranthene
Concen: 4.666 ng
RT: 19.239 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

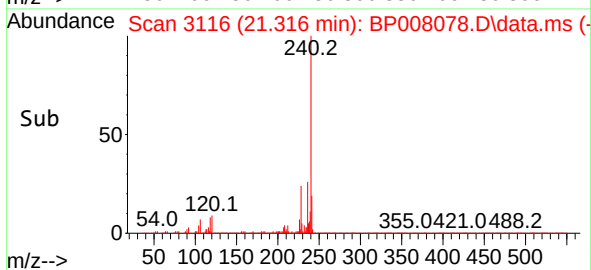
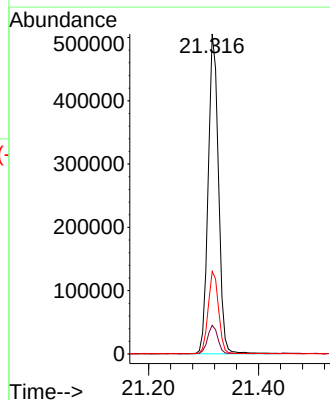
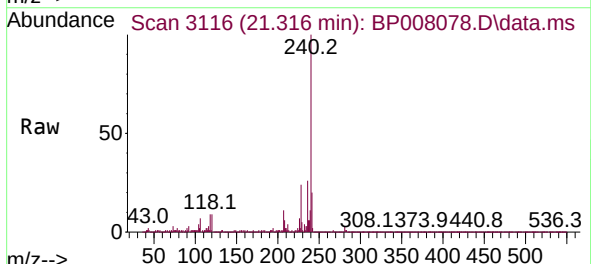
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

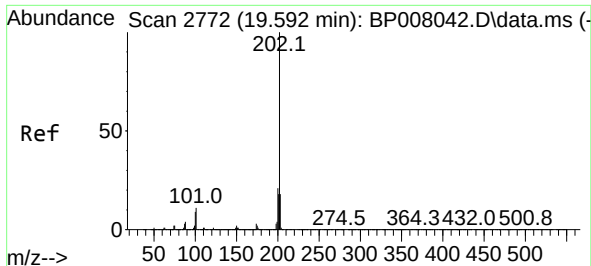
Tgt Ion:202 Resp: 178004
Ion Ratio Lower Upper
202 100
101 10.3 0.0 29.5
203 16.4 0.0 37.3



#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

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

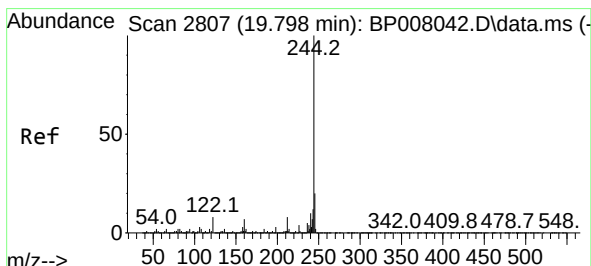
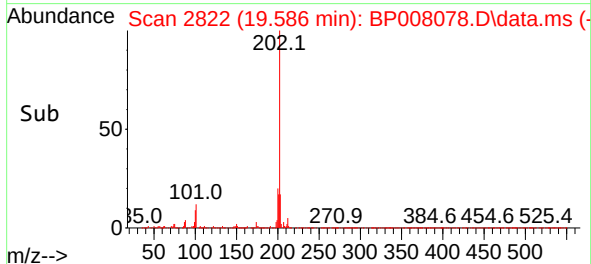
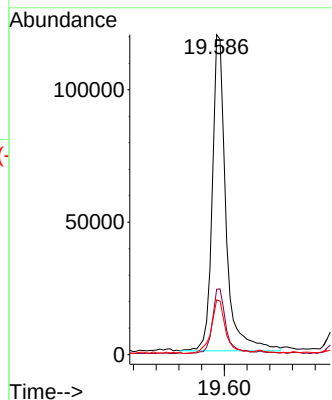
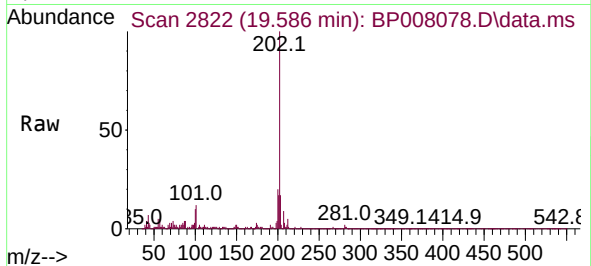




#78
 Pyrene
 Concen: 4.474 ng
 RT: 19.586 min Scan# 2822
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

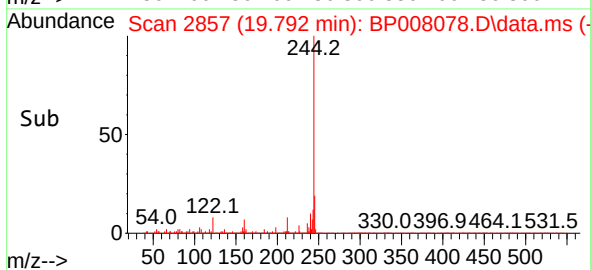
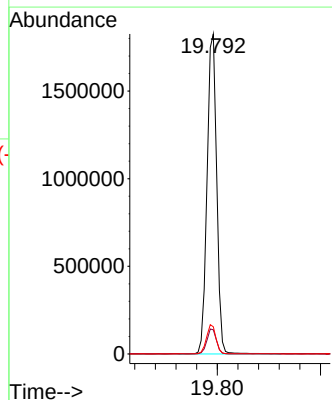
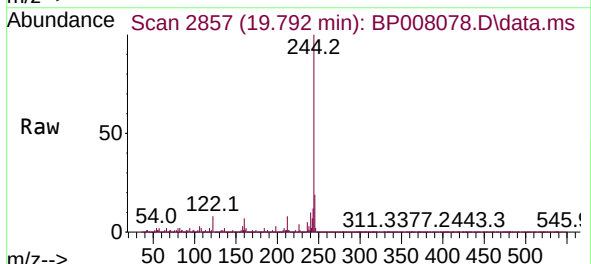
Instrument :
 BNA_P
 ClientSampleId :
 TP-8-COMP

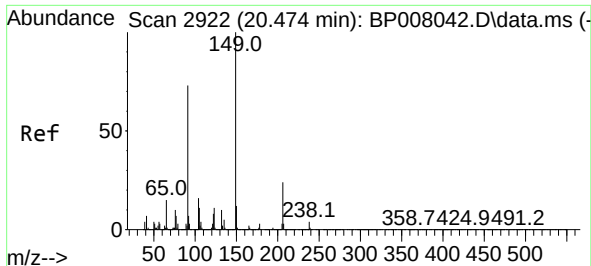
Tgt Ion:202 Resp: 199283
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.9 25.3
 203 17.1 14.2 21.2



#79
 Terphenyl-d14
 Concen: 70.586 ng
 RT: 19.792 min Scan# 2857
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

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

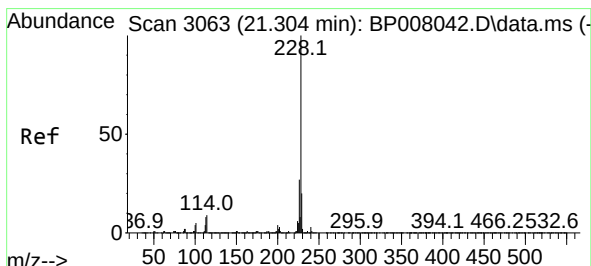
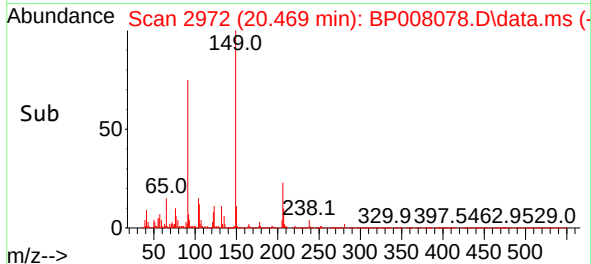
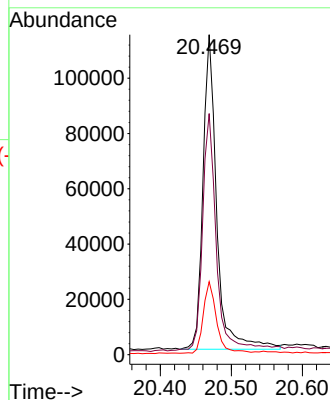
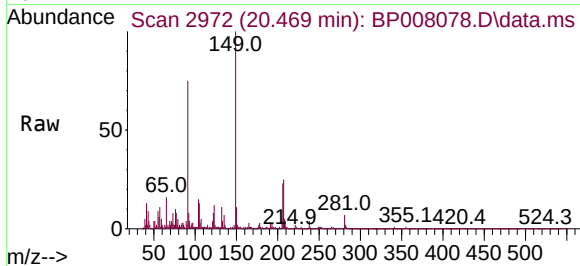




#80
Butylbenzylphthalate
Concen: 8.267 ng
RT: 20.469 min Scan# 2922
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

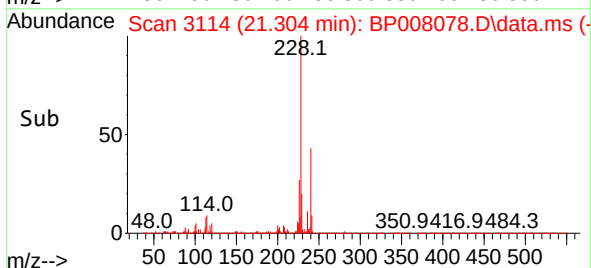
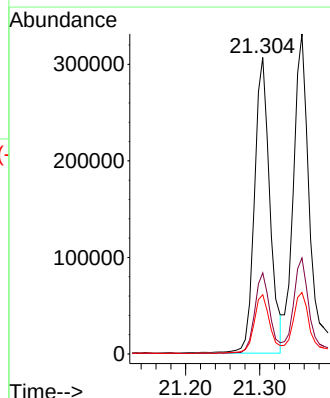
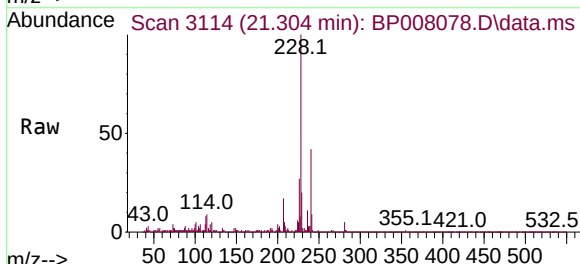
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

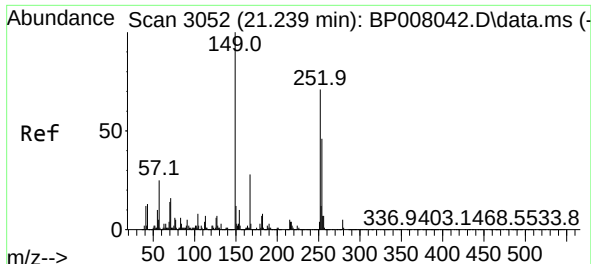
Tgt Ion:149 Resp: 153852
Ion Ratio Lower Upper
149 100
91 75.3 58.6 88.0
206 22.8 19.0 28.6



#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

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

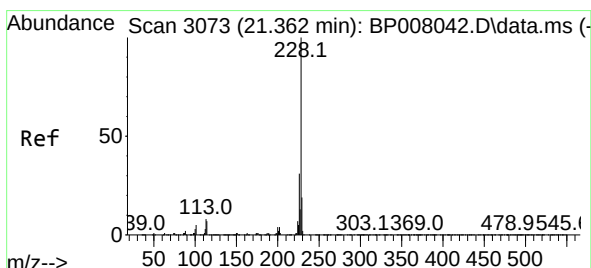
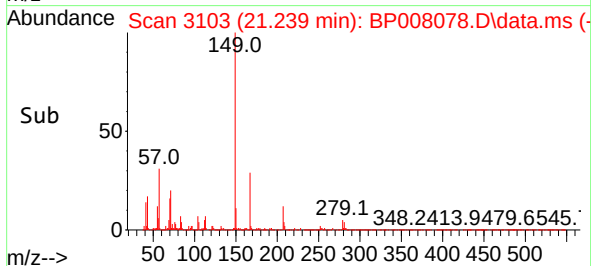
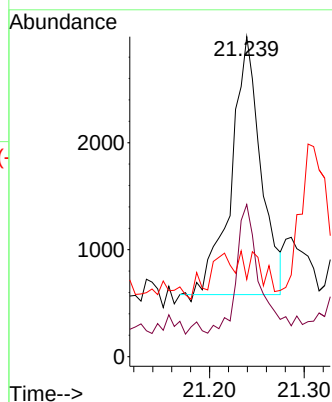
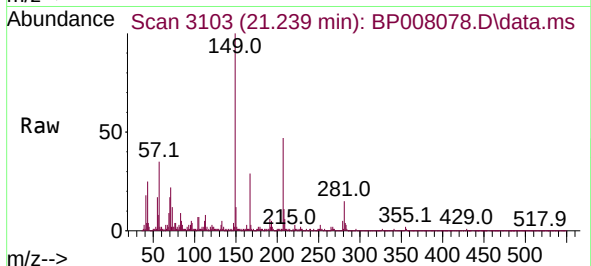




#82
3,3'-Dichlorobenzidine
Concen: Below Cal
RT: 21.239 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

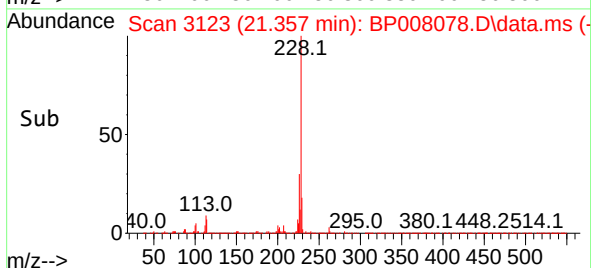
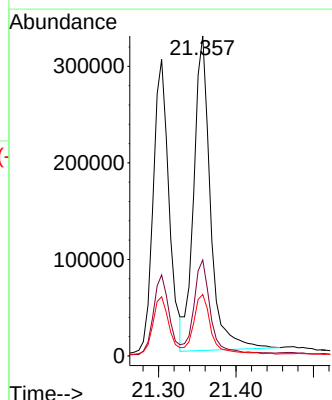
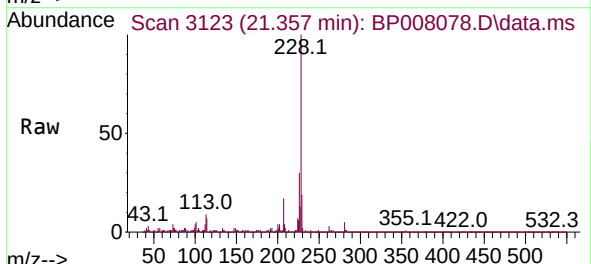
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

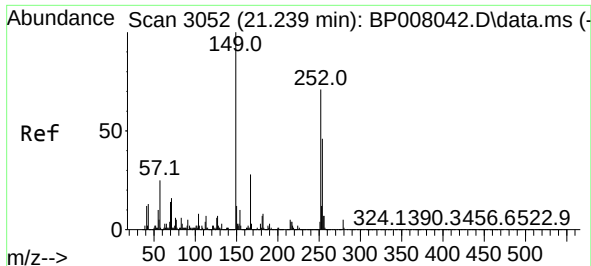
Tgt Ion:252 Resp: 5229
Ion Ratio Lower Upper
252 100
254 47.5 51.8 77.8#
126 24.1 7.2 10.8#



#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

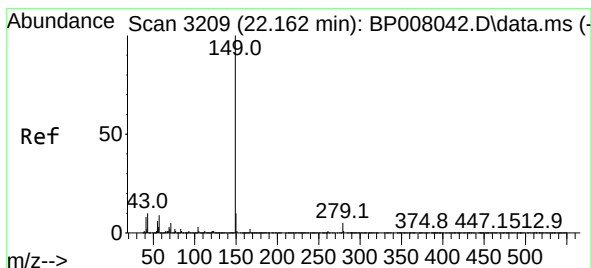
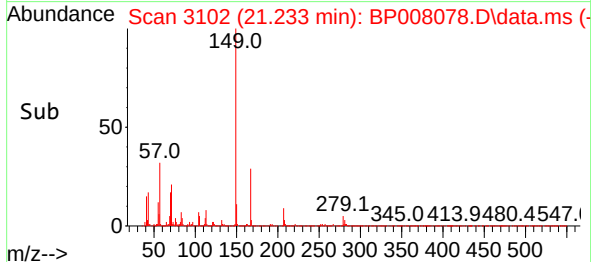
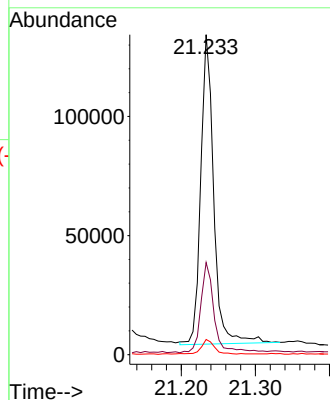
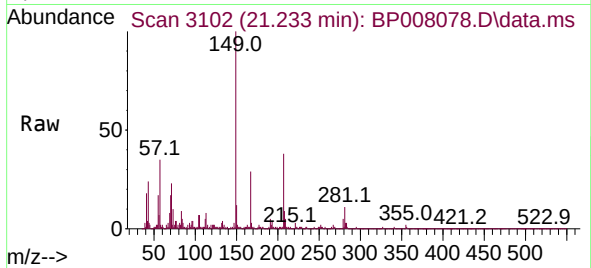




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.258 ng
RT: 21.233 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

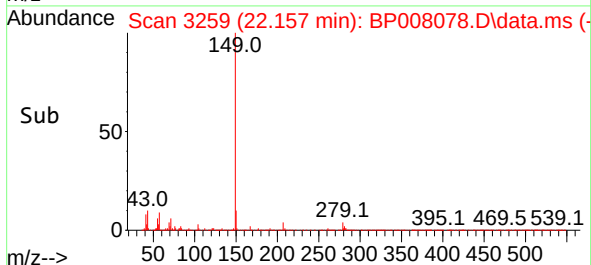
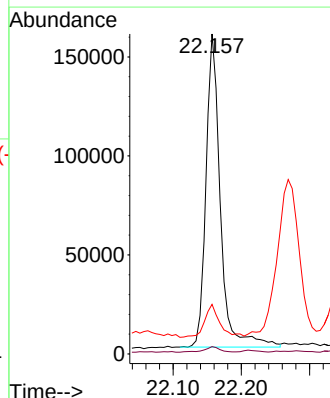
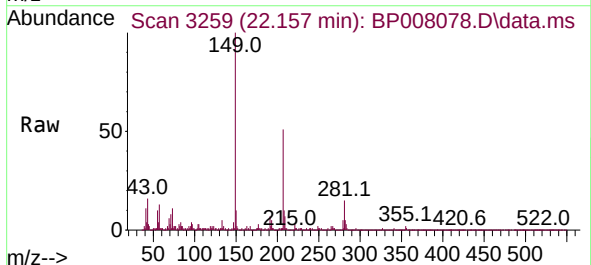
Instrument :
BNA_P
ClientSampleId :
TP-8-COMP

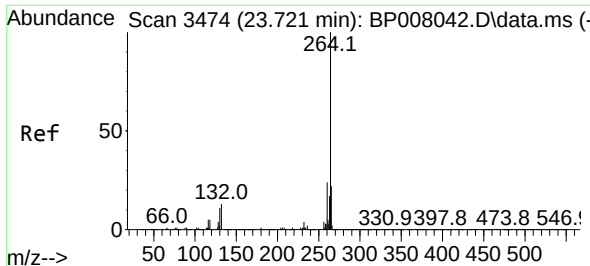
Tgt Ion:149 Resp: 157554
Ion Ratio Lower Upper
149 100
167 28.8 22.7 34.1
279 4.8 4.0 6.0



#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

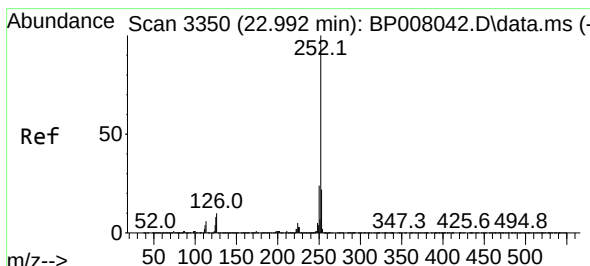
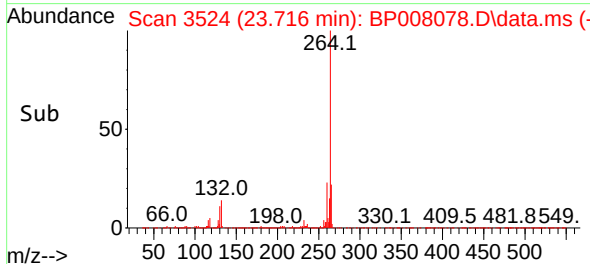
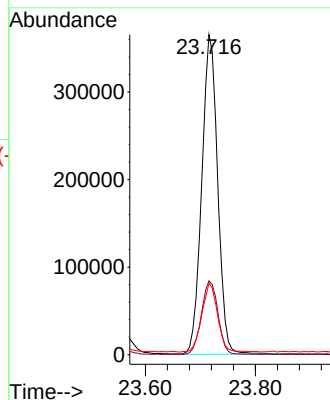
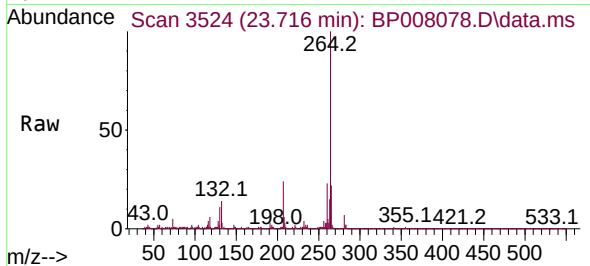




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.716 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008078.D
 Acq: 22 Nov 2021 12:27

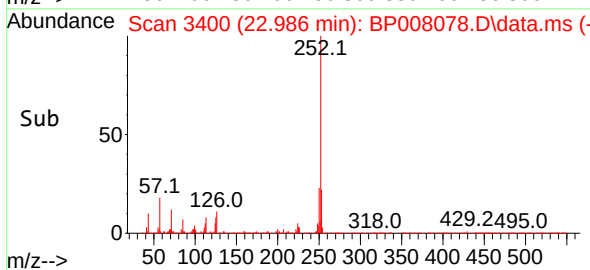
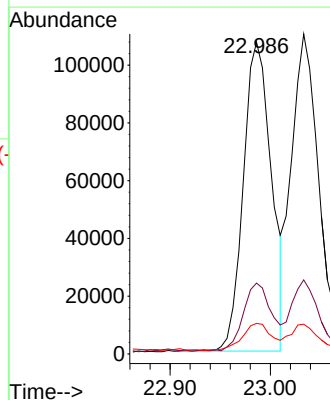
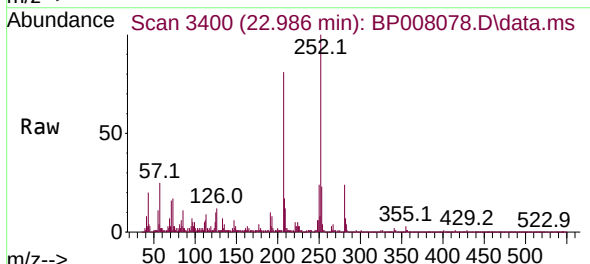
Instrument :
 BNA_P
 ClientSampleId :
 TP-8-COMP

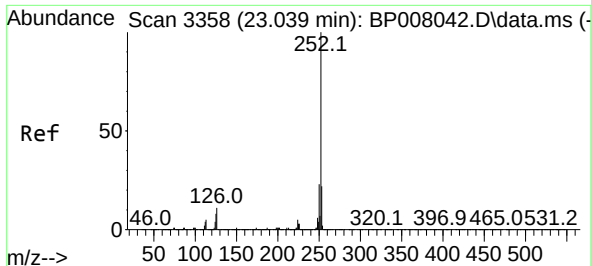
Tgt Ion:264 Resp: 732756
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 22.4 17.7 26.5



#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#

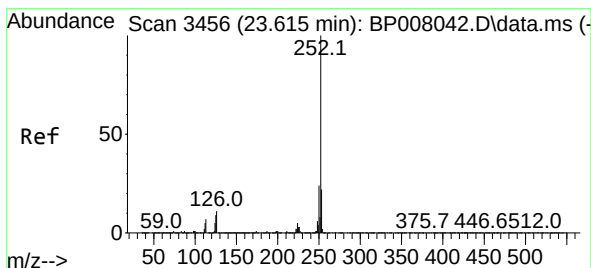
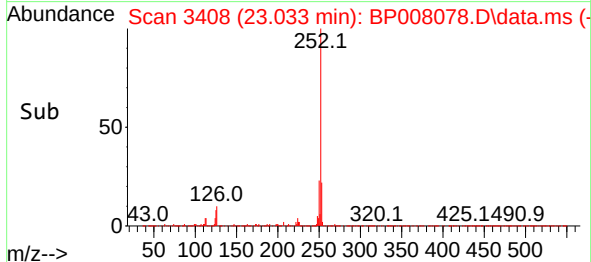
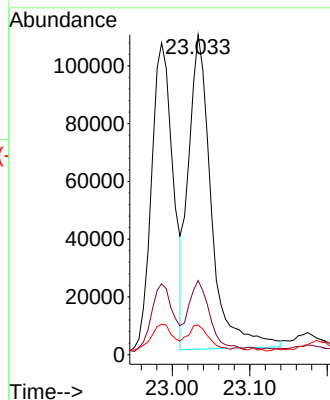
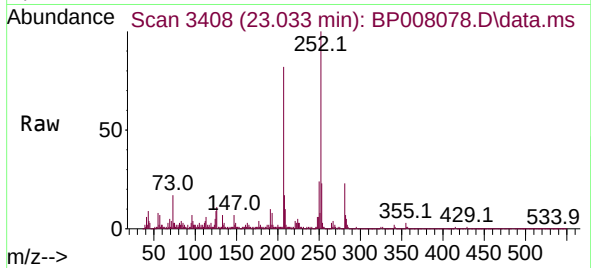




#89
Benzo(k)fluoranthene
Concen: 4.886 ng
RT: 23.033 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008078.D
Acq: 22 Nov 2021 12:27

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#

