

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008623.D
 Acq On : 30 Dec 2021 23:50
 Operator : CG/JU
 Sample : M5244-27
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CONC-11B

Quant Time: Dec 31 08:16:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

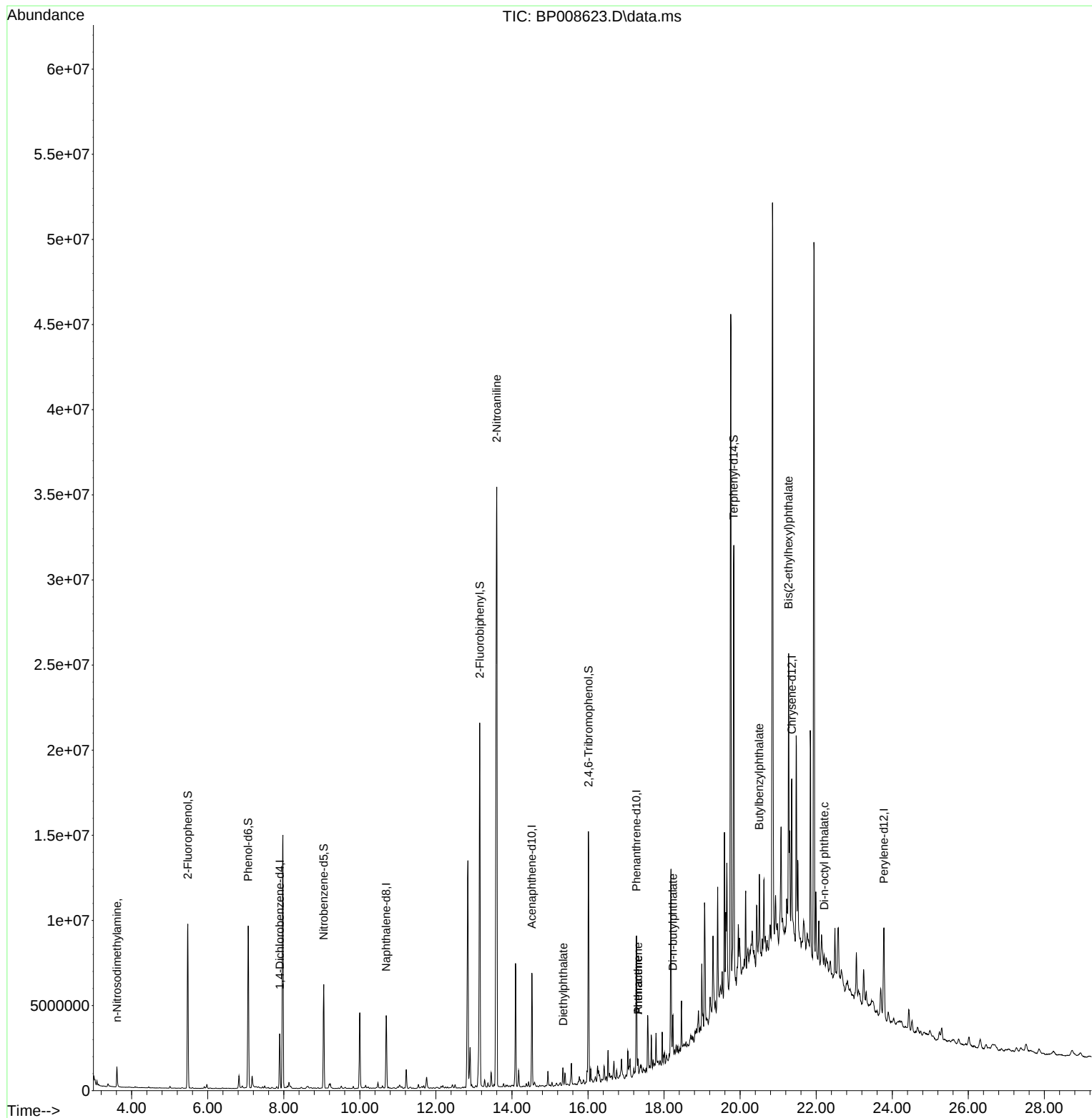
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	987883	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	3894054	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	2572121	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	5328735	20.000	ng	0.00
76) Chrysene-d12	21.357	240	4557662	20.000	ng	0.00
86) Perylene-d12	23.780	264	4317733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	5016681	92.691	ng	0.00
7) Phenol-d6	7.064	99	6252784	83.001	ng	0.00
23) Nitrobenzene-d5	9.052	82	3764250	57.506	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	3531347	101.476	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	10005509	56.359	ng	0.00
79) Terphenyl-d14	19.828	244	12953981	58.033	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.611	42	38869	2.018	ng	# 1
48) 2-Nitroaniline	13.598	65	154124	4.715	ng	# 17
60) Diethylphthalate	15.345	149	394640	2.038	ng	99
71) Phenanthrene	17.316	178	614029	2.137	ng	98
72) Anthracene	17.316	178	614029	2.194	ng	100
74) Di-n-butylphthalate	18.234	149	1761113	5.859	ng	99
80) Butylbenzylphthalate	20.504	149	790298	6.683	ng	98
84) Bis(2-ethylhexyl)phtha...	21.275	149	6935610	38.823	ng	99
85) Di-n-octyl phthalate	22.210	149	675909	2.444	ng	# 97

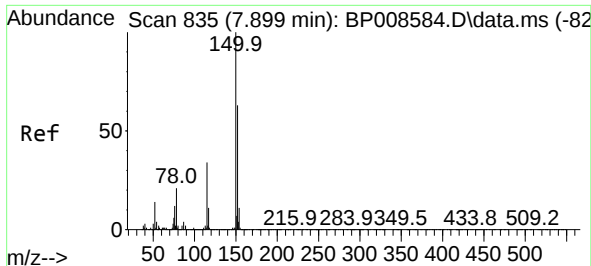
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008623.D
Acq On : 30 Dec 2021 23:50
Operator : CG/JU
Sample : M5244-27
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONC-11B

Quant Time: Dec 31 08:16:11 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

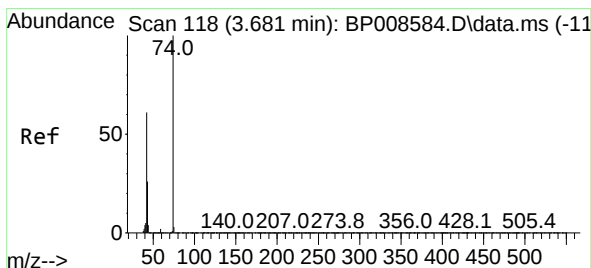
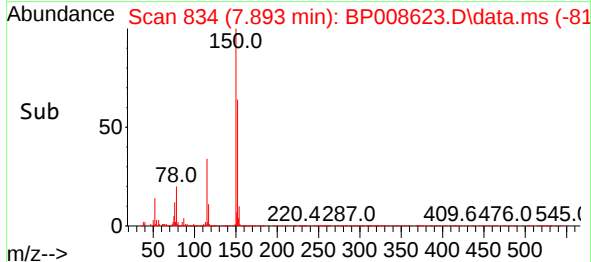
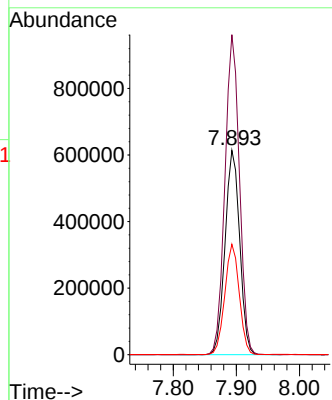
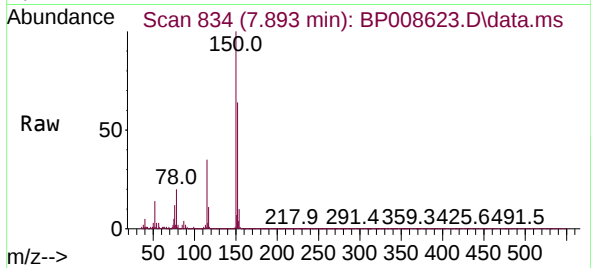




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

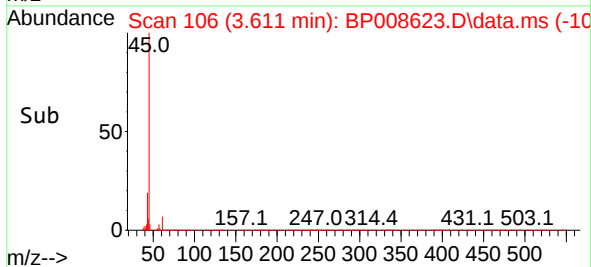
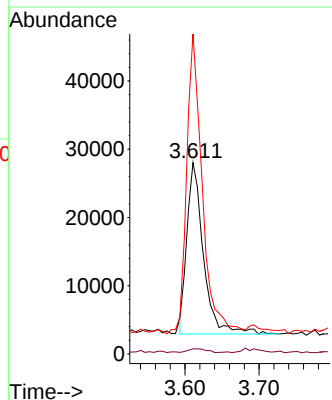
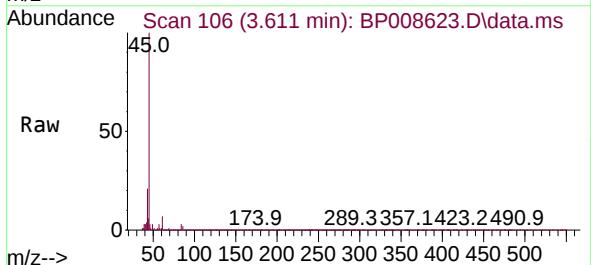
Instrument :
BNA_P
ClientSampleId :
CONC-11B

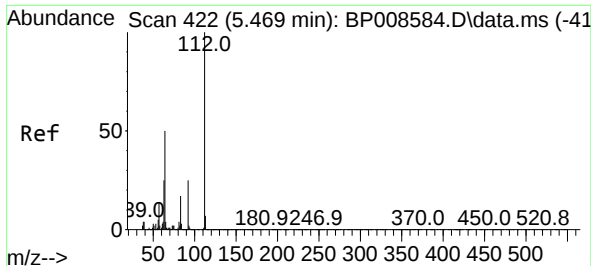
Tgt Ion:152 Resp: 987883
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.6
115 54.1 43.7 65.5



#4
n-Nitrosodimethylamine
Concen: 2.018 ng
RT: 3.611 min Scan# 106
Delta R.T. -0.070 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion: 42 Resp: 38869
Ion Ratio Lower Upper
42 100
74 2.6 131.1 196.7#
44 167.4 6.2 9.2#

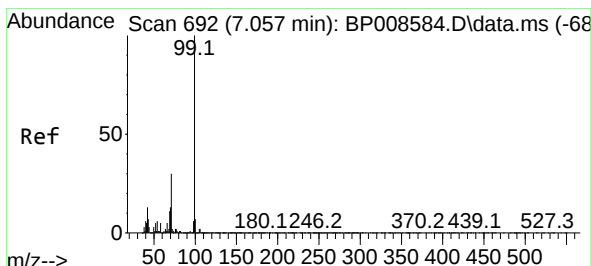
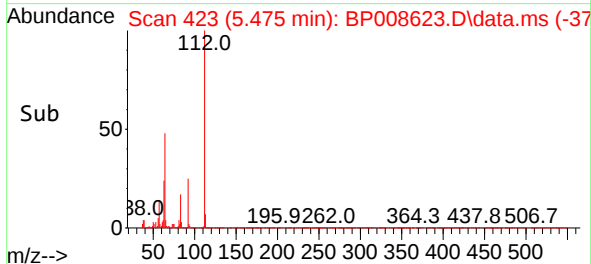
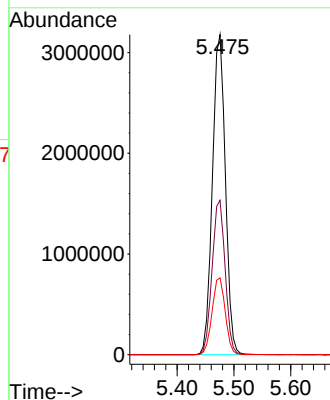
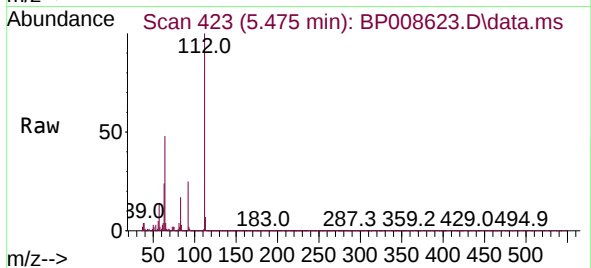




#5
2-Fluorophenol
Concen: 92.691 ng
RT: 5.475 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

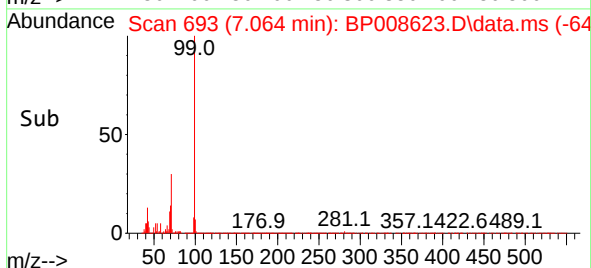
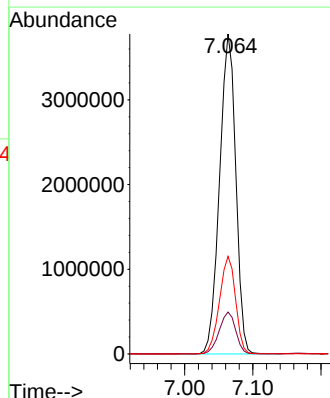
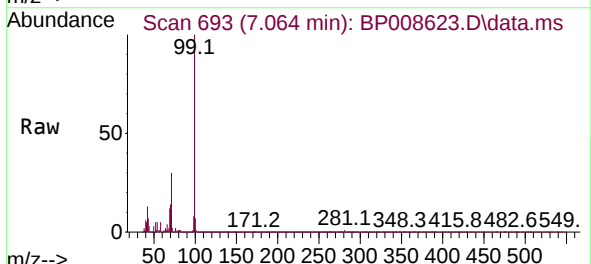
Instrument :
BNA_P
ClientSampleId :
CONC-11B

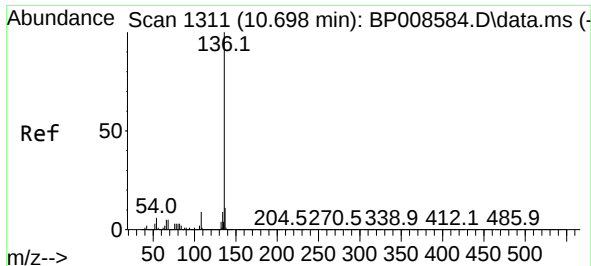
Tgt Ion:112 Resp: 5016681
Ion Ratio Lower Upper
112 100
64 48.3 39.7 59.5
63 24.0 20.0 30.0



#7
Phenol-d6
Concen: 83.001 ng
RT: 7.064 min Scan# 693
Delta R.T. 0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion: 99 Resp: 6252784
Ion Ratio Lower Upper
99 100
42 13.1 10.8 16.2
71 30.5 23.8 35.6



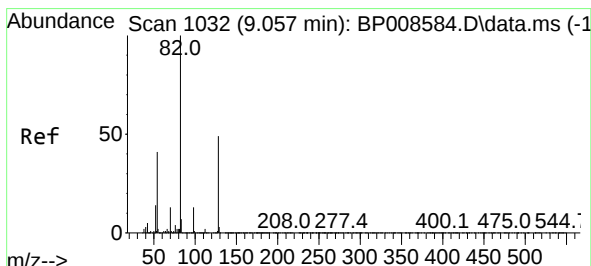
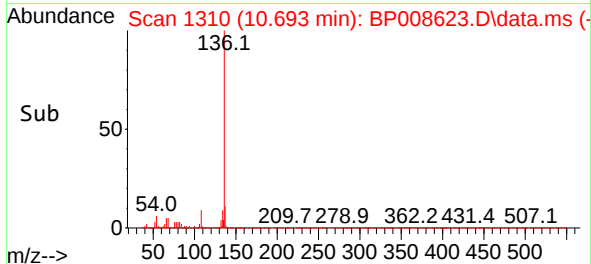
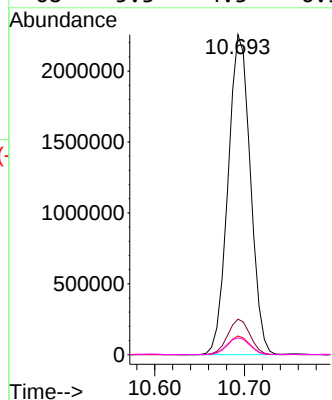
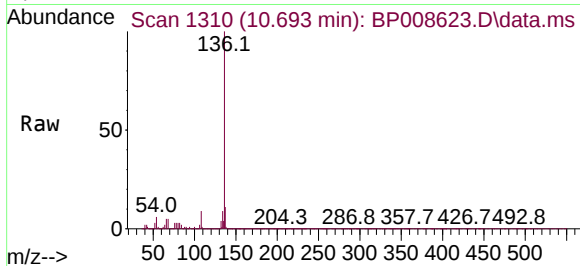


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Instrument :
BNA_P
ClientSampleId :
CONC-11B

Tgt Ion:136 Resp: 3894054

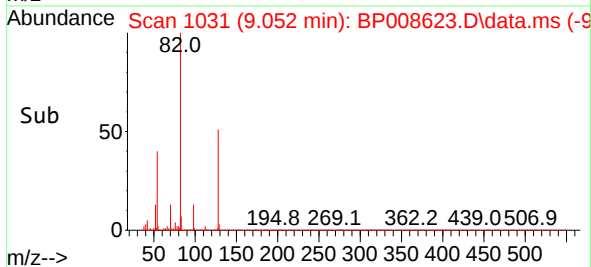
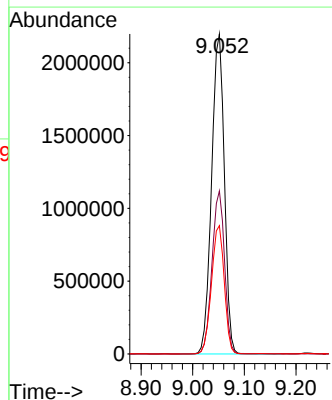
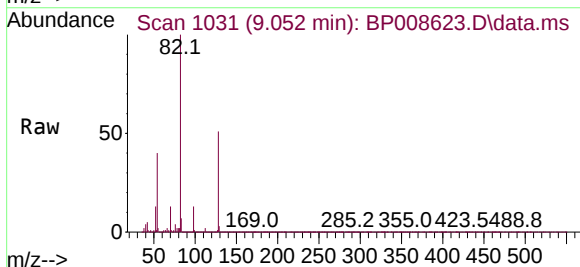
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	5.9	4.9	7.3
68	5.3	4.3	6.5

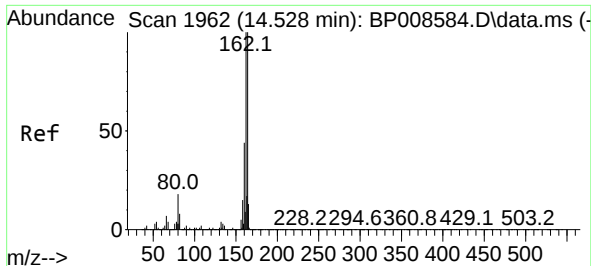


#23
Nitrobenzene-d5
Concen: 57.506 ng
RT: 9.052 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion: 82 Resp: 3764250

Ion	Ratio	Lower	Upper
82	100		
128	51.0	39.4	59.2
54	40.1	32.6	48.8

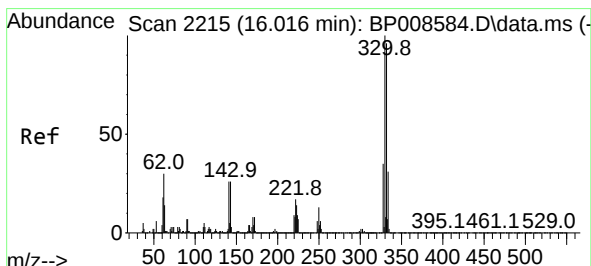
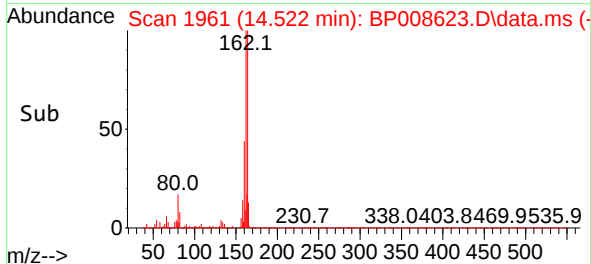
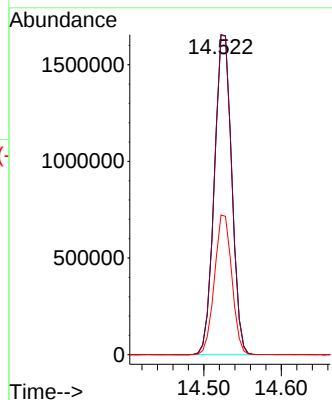
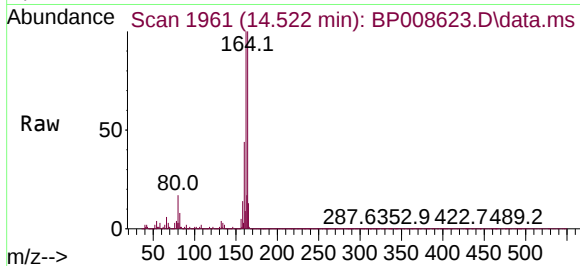




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

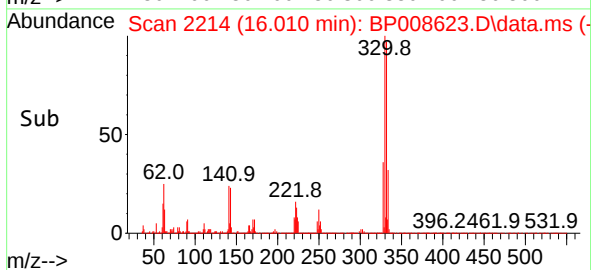
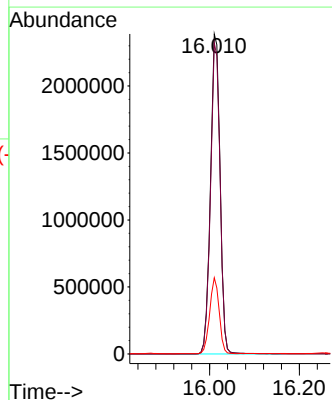
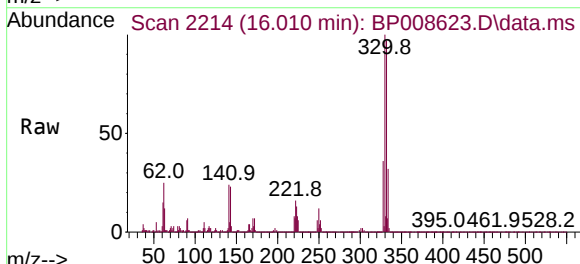
Instrument :
BNA_P
ClientSampleId :
CONC-11B

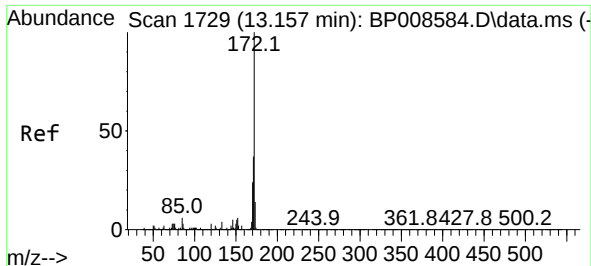
Tgt Ion:164 Resp: 2572121
Ion Ratio Lower Upper
164 100
162 99.8 79.9 119.9
160 43.7 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 101.476 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion:330 Resp: 3531347
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.4
141 23.4 21.3 31.9

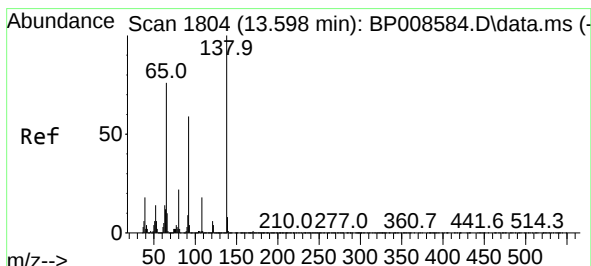
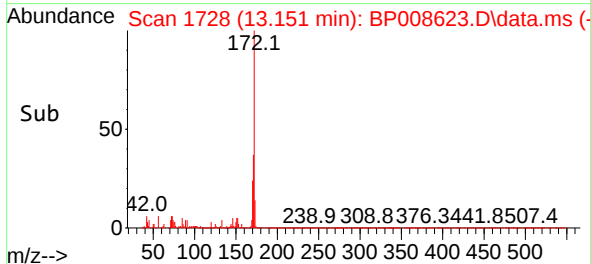
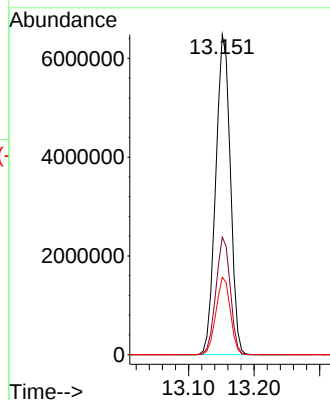
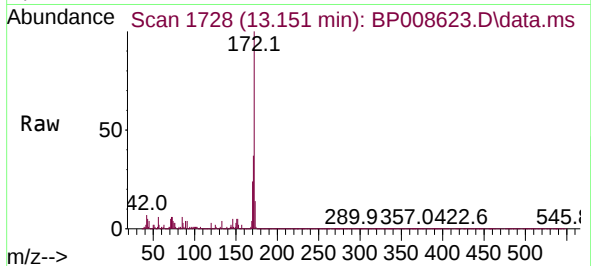




#45
2-Fluorobiphenyl
Concen: 56.359 ng
RT: 13.151 min Scan# 1729
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

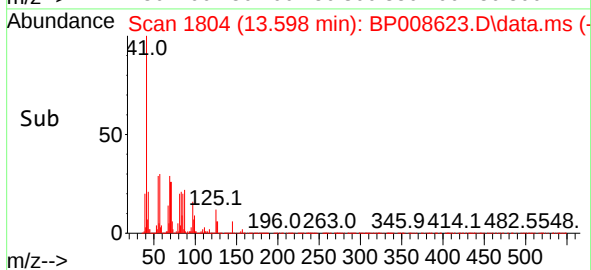
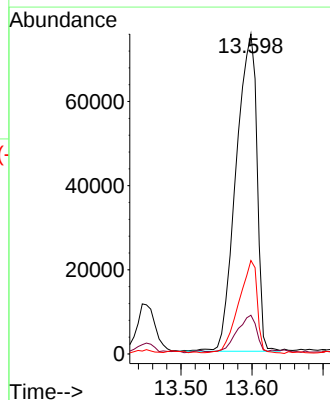
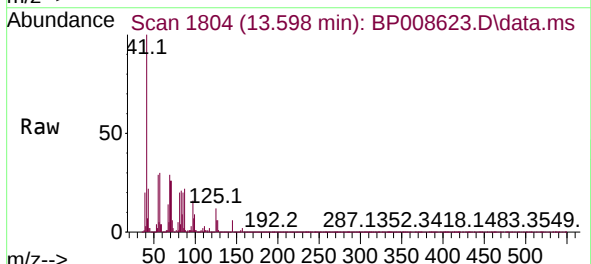
Instrument :
BNA_P
ClientSampleId :
CONC-11B

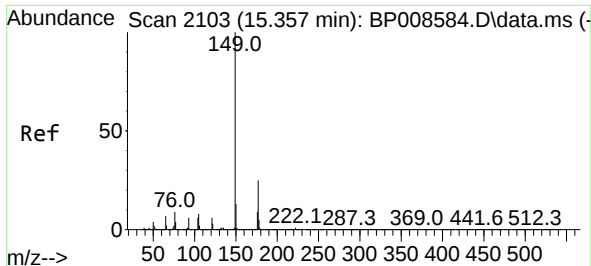
Tgt Ion:172 Resp:10005509
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 24.2 19.5 29.3



#48
2-Nitroaniline
Concen: 4.715 ng
RT: 13.598 min Scan# 1804
Delta R.T. 0.000 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion: 65 Resp: 154124
Ion Ratio Lower Upper
65 100
92 12.1 62.2 93.4#
138 29.2 105.8 158.8#

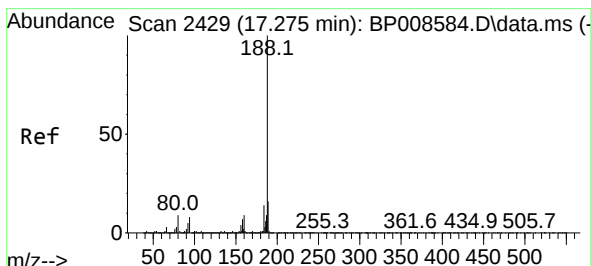
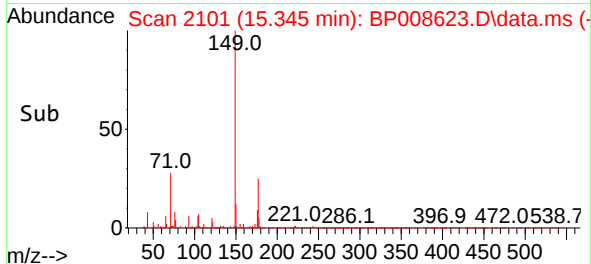
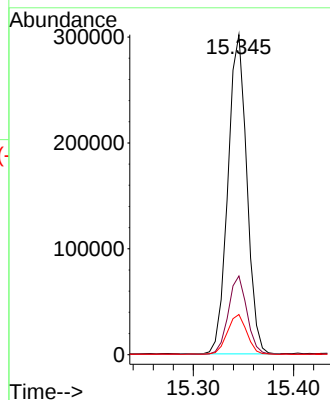
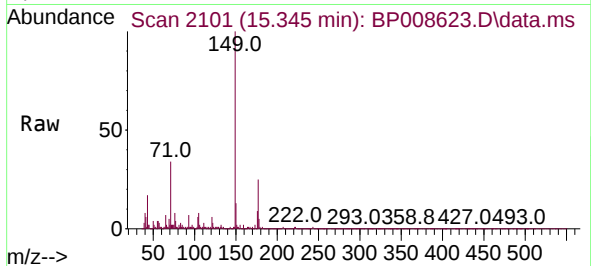




#60
Diethylphthalate
Concen: 2.038 ng
RT: 15.345 min Scan# 2103
Delta R.T. -0.012 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

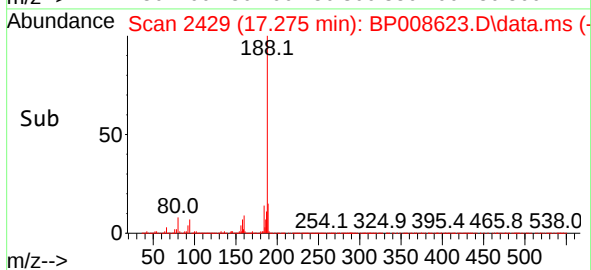
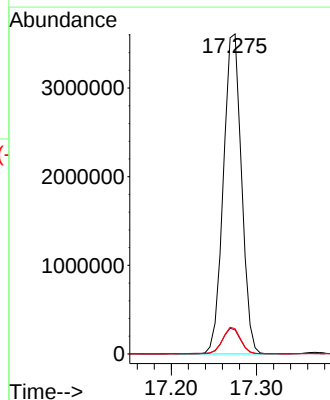
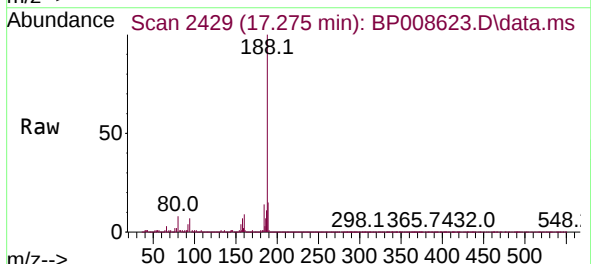
Instrument :
BNA_P
ClientSampleId :
CONC-11B

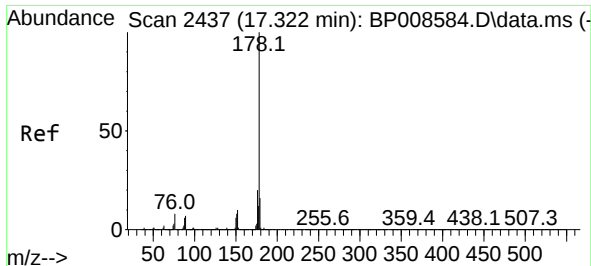
Tgt Ion:149 Resp: 394640
Ion Ratio Lower Upper
149 100
177 24.6 19.9 29.9
150 12.5 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion:188 Resp: 5328735
Ion Ratio Lower Upper
188 100
94 7.5 6.8 10.2
80 7.9 7.2 10.8

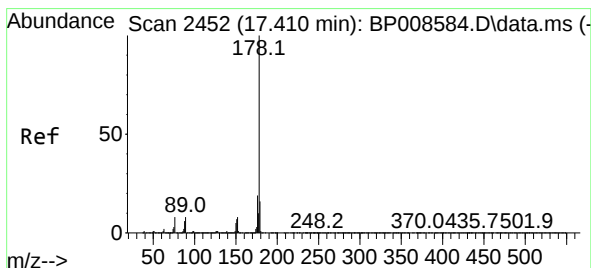
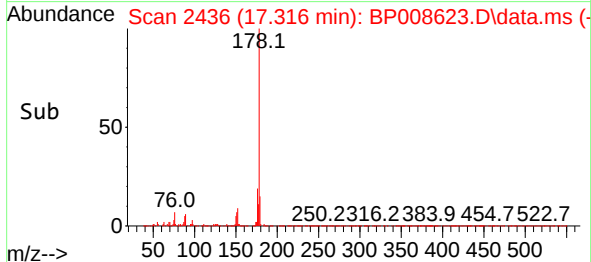
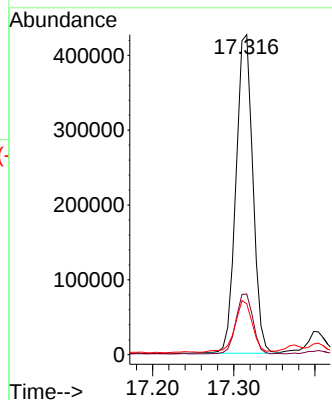
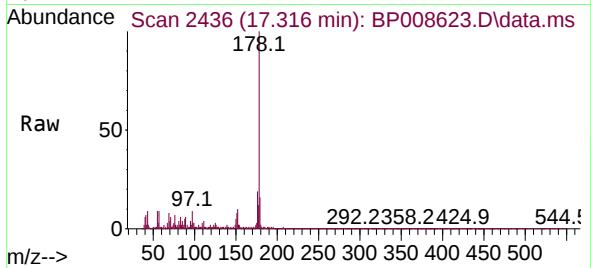




#71
Phenanthrene
Concen: 2.137 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

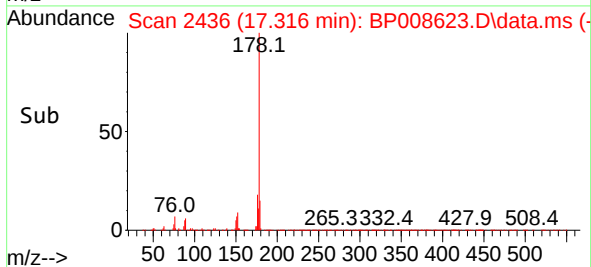
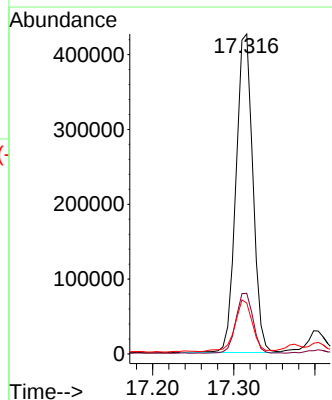
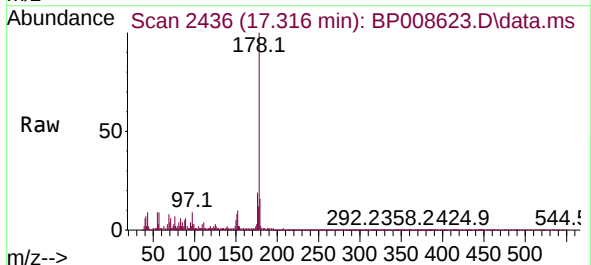
Instrument :
BNA_P
ClientSampleId :
CONC-11B

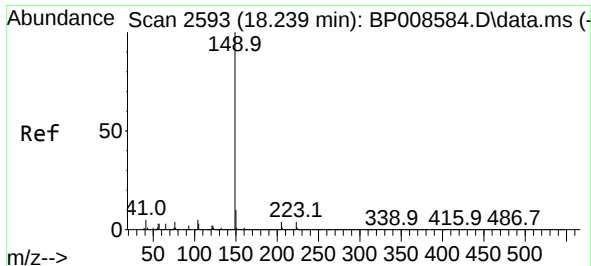
Tgt Ion:178 Resp: 614029
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.9 13.0 19.4



#72
Anthracene
Concen: 2.194 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.094 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion:178 Resp: 614029
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.9 12.8 19.2

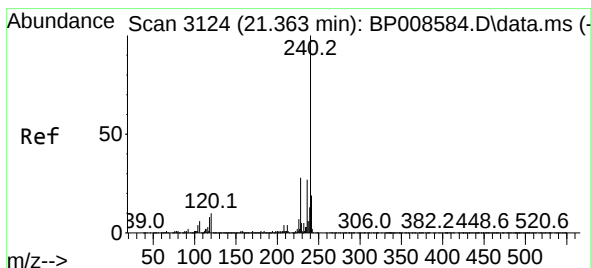
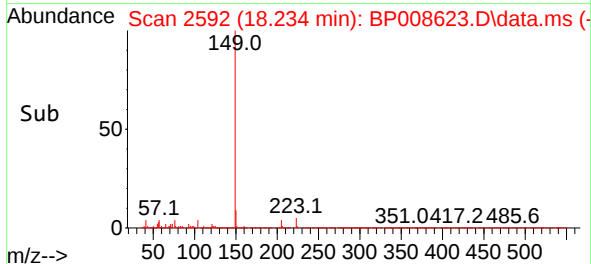
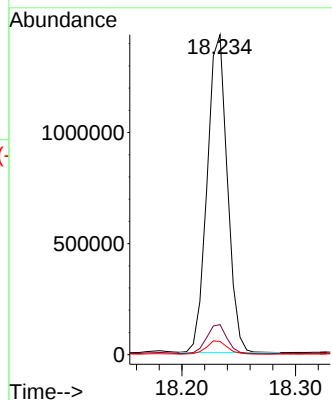
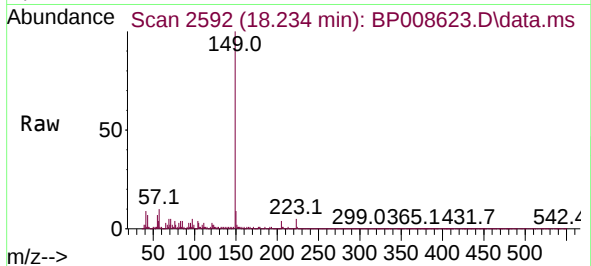




#74
Di-n-butylphthalate
Concen: 5.859 ng
RT: 18.234 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

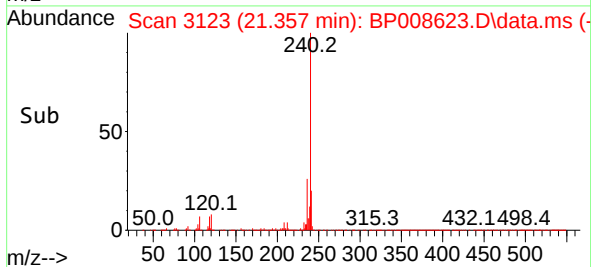
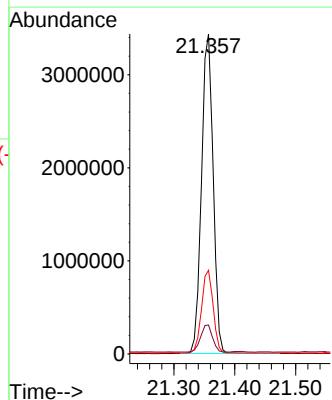
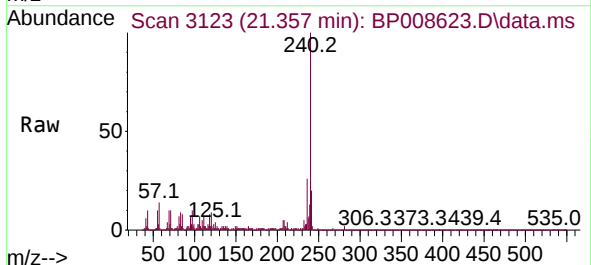
Instrument :
BNA_P
ClientSampleId :
CONC-11B

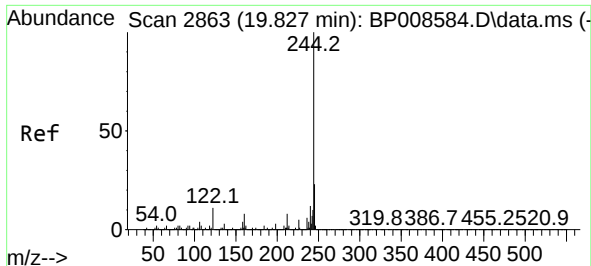
Tgt Ion:149 Resp: 1761113
Ion Ratio Lower Upper
149 100
150 9.4 7.9 11.9
104 4.1 3.7 5.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP008623.D
Acq: 30 Dec 2021 23:50

Tgt Ion:240 Resp: 4557662
Ion Ratio Lower Upper
240 100
120 9.0 7.7 11.5
236 26.2 21.2 31.8

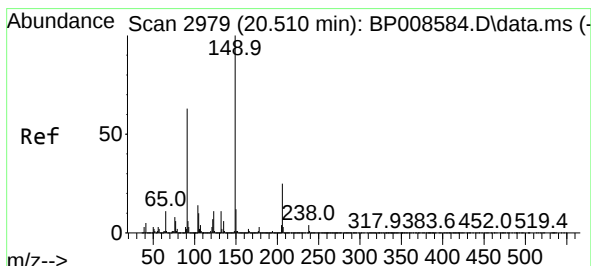
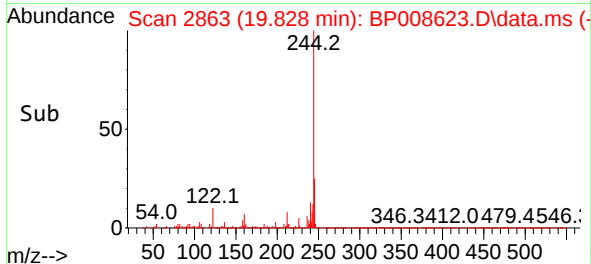
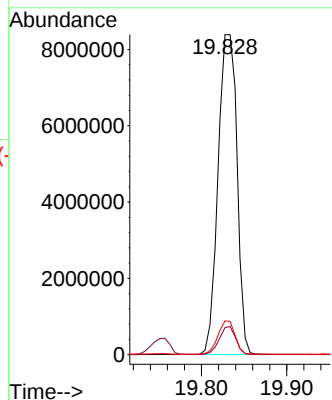
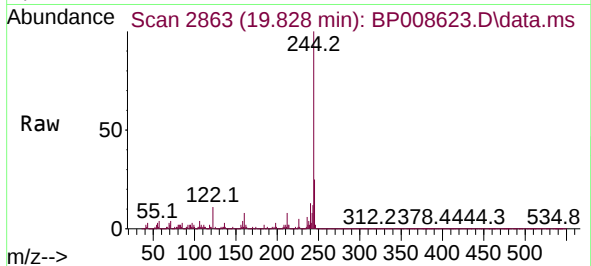




#79
 Terphenyl-d14
 Concen: 58.033 ng
 RT: 19.828 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BP008623.D
 Acq: 30 Dec 2021 23:50

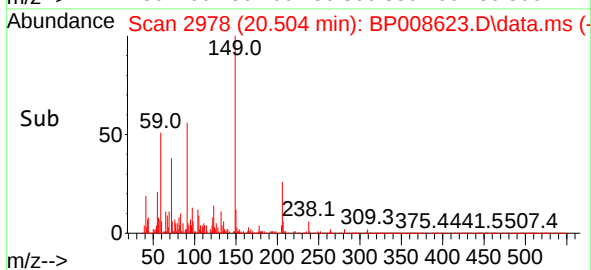
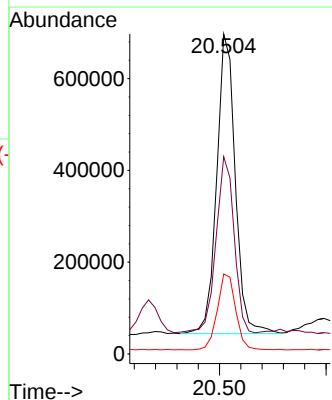
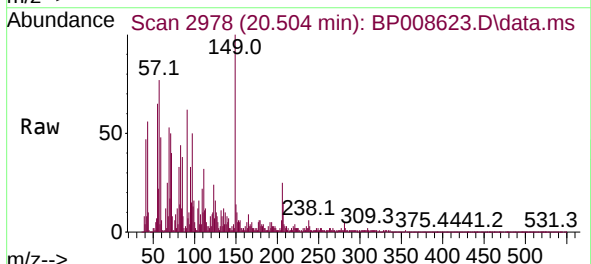
Instrument :
 BNA_P
 ClientSampleId :
 CONC-11B

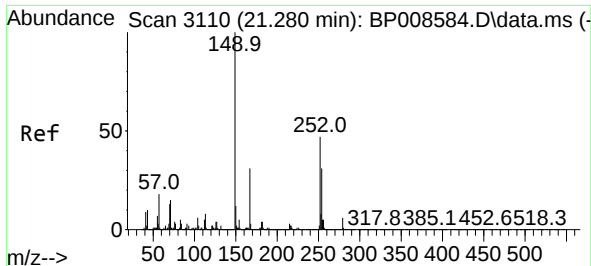
Tgt Ion:244 Resp:12953981
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 10.5 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 6.683 ng
 RT: 20.504 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BP008623.D
 Acq: 30 Dec 2021 23:50

Tgt Ion:149 Resp: 790298
 Ion Ratio Lower Upper
 149 100
 91 61.7 50.6 76.0
 206 25.0 19.7 29.5

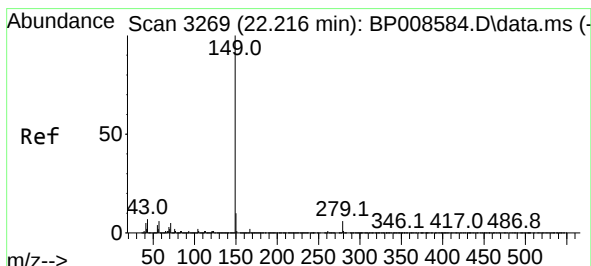
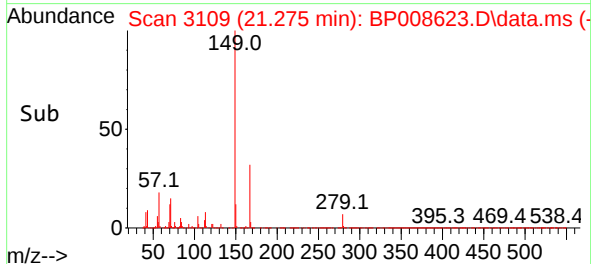
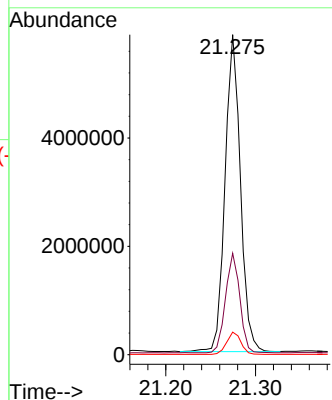
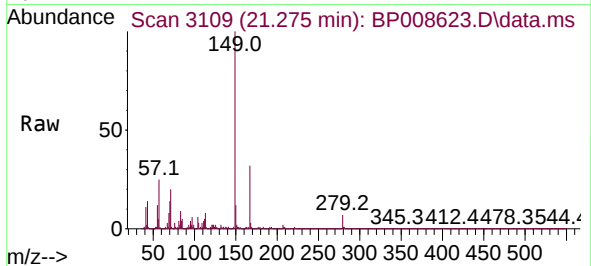




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.823 ng
 RT: 21.275 min Scan# 3110
 Delta R.T. -0.006 min
 Lab File: BP008623.D
 Acq: 30 Dec 2021 23:50

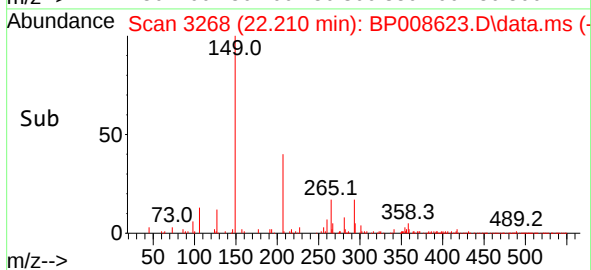
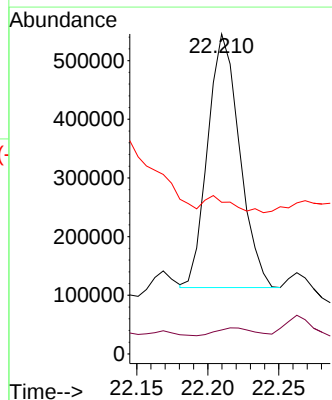
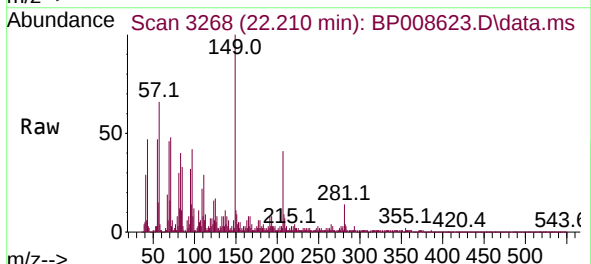
Instrument :
 BNA_P
 ClientSampleId :
 CONC-11B

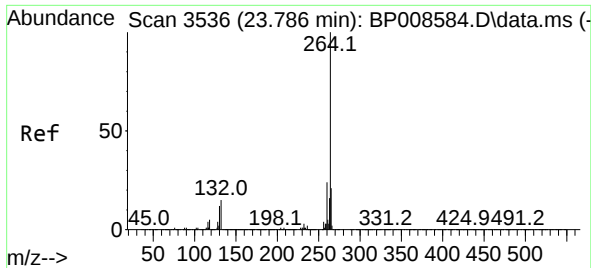
Tgt Ion:149 Resp: 6935610
 Ion Ratio Lower Upper
 149 100
 167 31.7 25.0 37.4
 279 7.1 4.8 7.2



#85
 Di-n-octyl phthalate
 Concen: 2.444 ng
 RT: 22.210 min Scan# 3268
 Delta R.T. -0.006 min
 Lab File: BP008623.D
 Acq: 30 Dec 2021 23:50

Tgt Ion:149 Resp: 675909
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.4 2.0#
 43 7.8 5.4 8.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.780 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP008623.D
 Acq: 30 Dec 2021 23:50

Instrument :
 BNA_P
 ClientSampleId :
 CONC-11B

Tgt Ion:264 Resp: 4317733
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.1 28.7
 265 21.9 17.1 25.7

