

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008607.D
 Acq On : 30 Dec 2021 13:23
 Operator : CG/JU
 Sample : M5210-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 14:08:53 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)

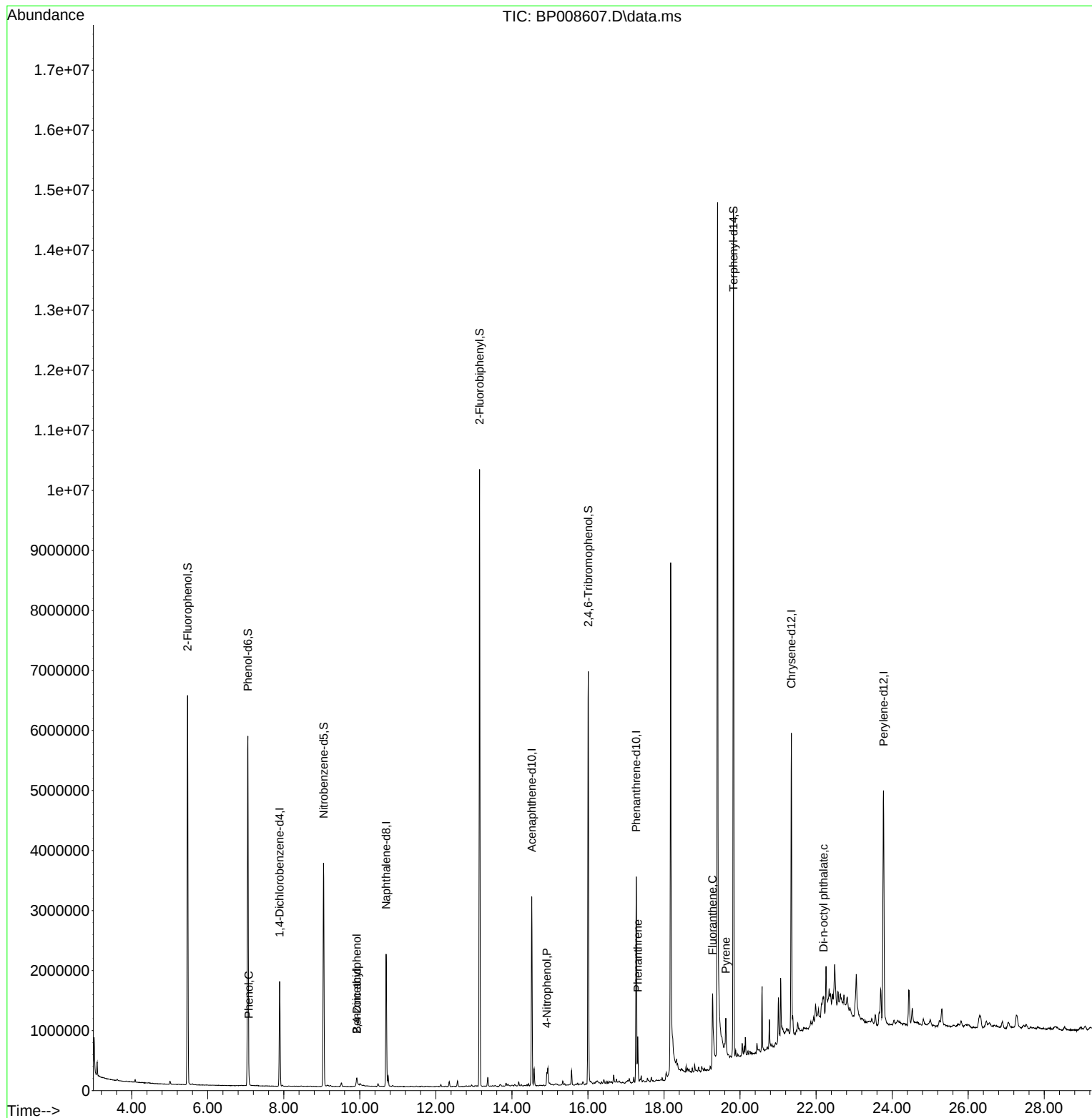
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	529933	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	1944696	20.000	ng	0.00
39) Acenaphthene-d10	14.522	164	1143165	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	2182517	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2518196	20.000	ng	-0.01
86) Perylene-d12	23.774	264	3168575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3145063	108.327	ng	0.00
7) Phenol-d6	7.057	99	3752498	92.857	ng	0.00
23) Nitrobenzene-d5	9.046	82	2214206	67.733	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1523618	98.510	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	5633668	71.400	ng	0.00
79) Terphenyl-d14	19.827	244	7185166	58.258	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.081	94	84776	2.078	ng	91
27) 2,4-Dimethylphenol	9.922	122	102024	3.824	ng	# 6
32) Benzoic acid	9.922	122	102024	6.054	ng	96
56) 4-Nitrophenol	14.922	139	49228	3.324	ng	# 17
71) Phenanthrene	17.310	178	478874	4.070	ng	98
75) Fluoranthene	19.274	202	429627	3.174	ng	98
78) Pyrene	19.627	202	333447	2.035	ng	97
85) Di-n-octyl phthalate	22.198	149	377623	2.472	ng	# 81

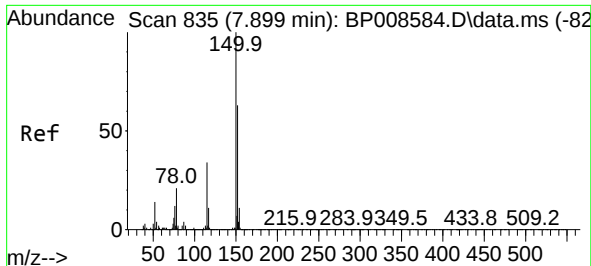
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
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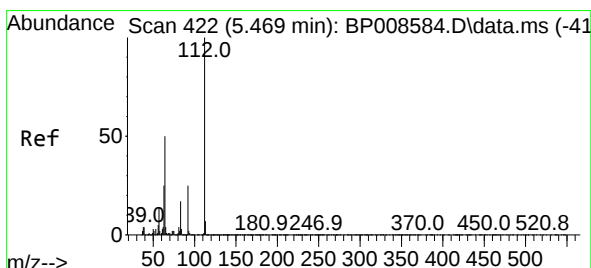
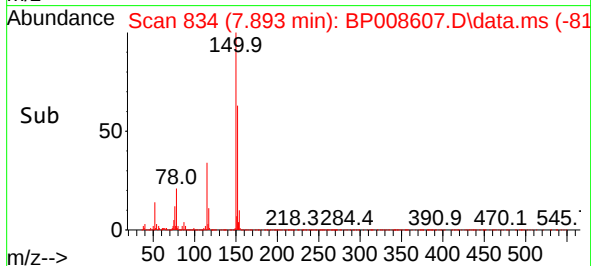
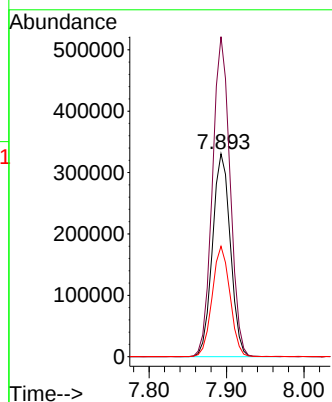
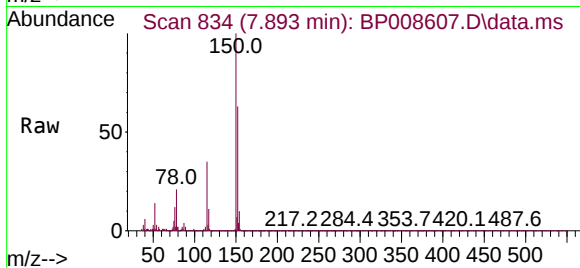




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.893 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008607.D
 Acq: 30 Dec 2021 13:23

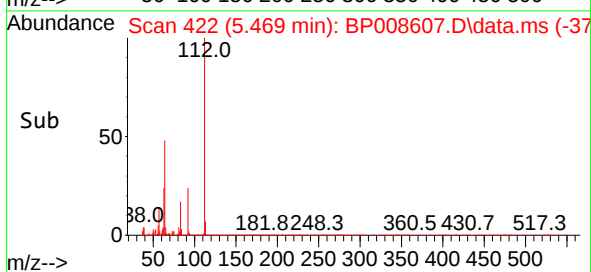
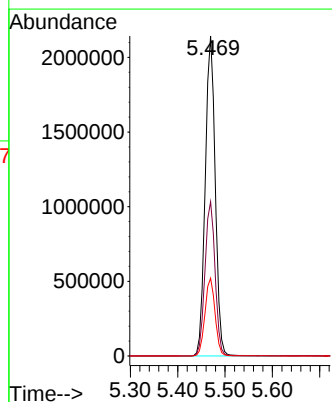
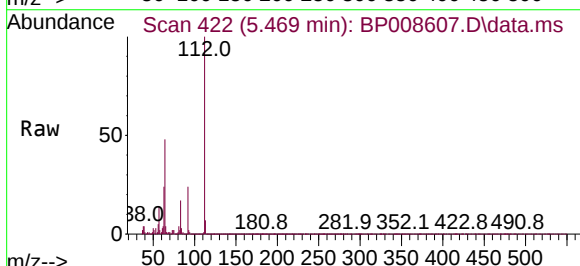
Instrument :
 BNA_F
 ClientSampleId :

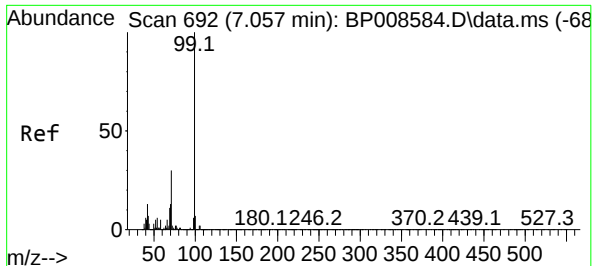
Tgt Ion:152 Resp: 529933
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.0 190.6
 115 54.5 43.7 65.5



#5
 2-Fluorophenol
 Concen: 108.327 ng
 RT: 5.469 min Scan# 422
 Delta R.T. -0.000 min
 Lab File: BP008607.D
 Acq: 30 Dec 2021 13:23

Tgt Ion:112 Resp: 3145063
 Ion Ratio Lower Upper
 112 100
 64 48.2 39.7 59.5
 63 24.3 20.0 30.0



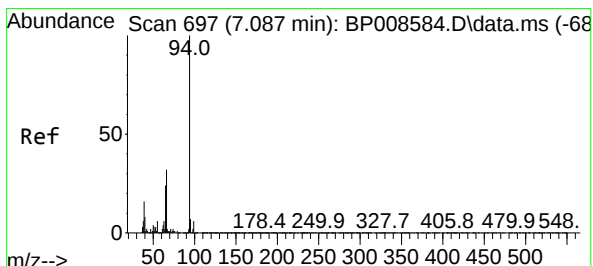
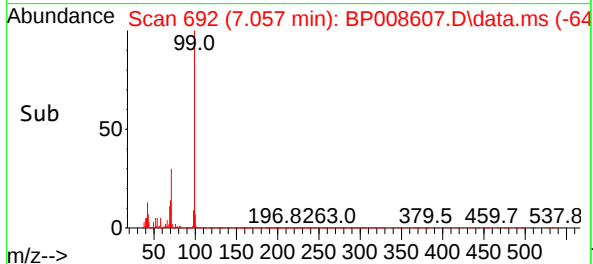
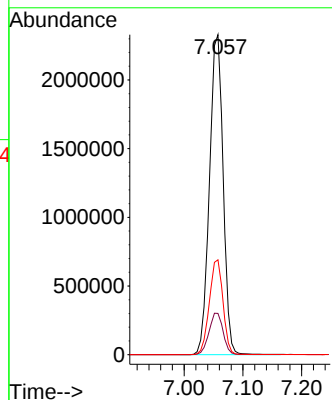
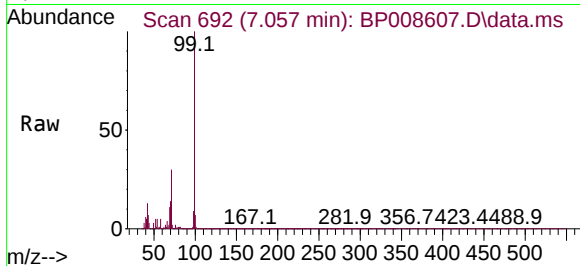


#7
Phenol-d6
Concen: 92.857 ng
RT: 7.057 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 3752498

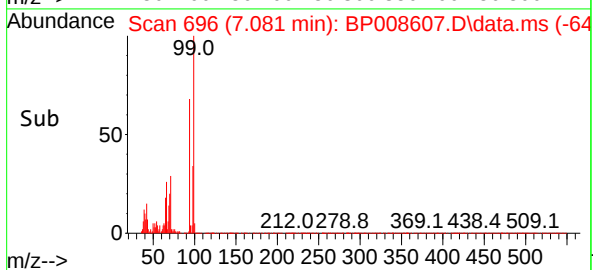
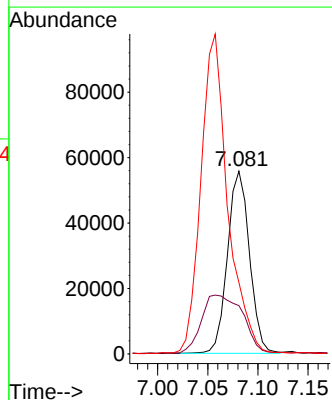
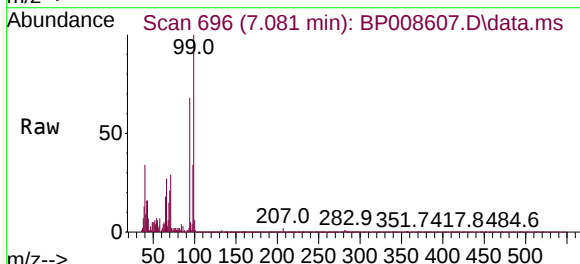
Ion	Ratio	Lower	Upper
99	100		
42	12.9	10.8	16.2
71	29.7	23.8	35.6

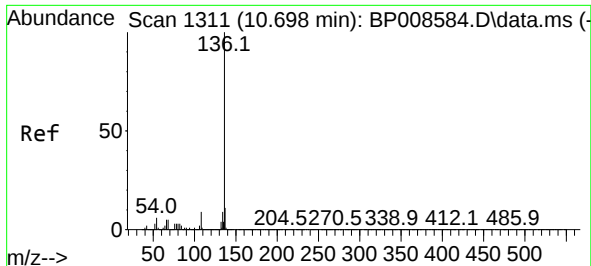


#10
Phenol
Concen: 2.078 ng
RT: 7.081 min Scan# 696
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion: 94 Resp: 84776

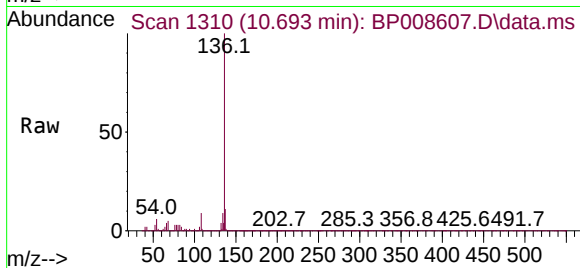
Ion	Ratio	Lower	Upper
94	100		
65	26.5	4.1	44.1
66	39.1	12.4	52.4





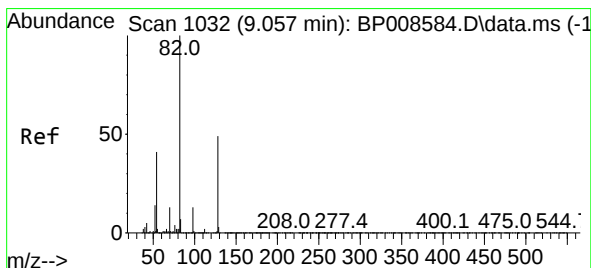
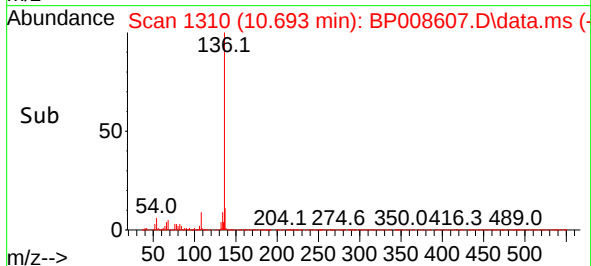
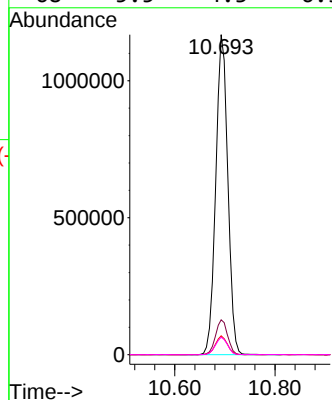
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 1944696

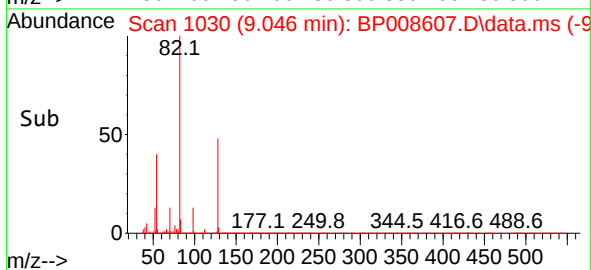
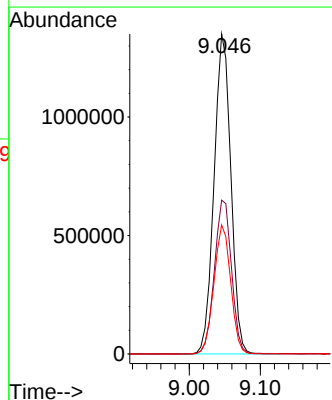
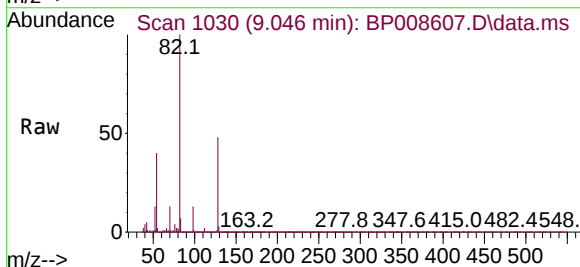
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	5.9	4.9	7.3
68	5.5	4.3	6.5

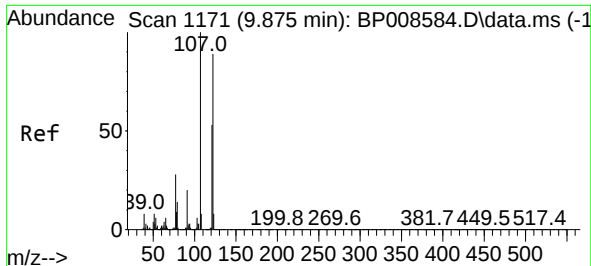


#23
Nitrobenzene-d5
Concen: 67.733 ng
RT: 9.046 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion: 82 Resp: 2214206

Ion	Ratio	Lower	Upper
82	100		
128	48.0	39.4	59.2
54	40.3	32.6	48.8





#27

2,4-Dimethylphenol

Concen: 3.824 ng

RT: 9.922 min Scan# 1179

Delta R.T. 0.047 min

Lab File: BP008607.D

Acq: 30 Dec 2021 13:23

Instrument :

BNA_F

ClientSampleId :

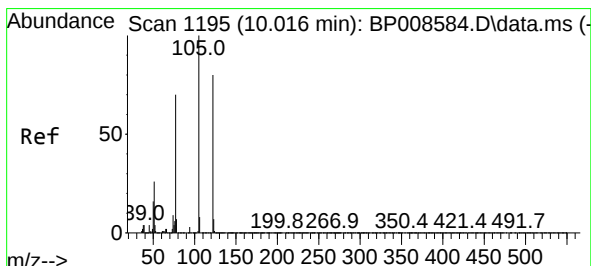
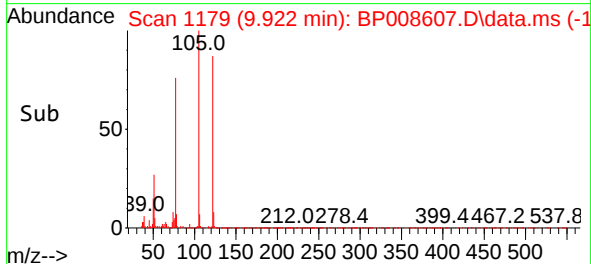
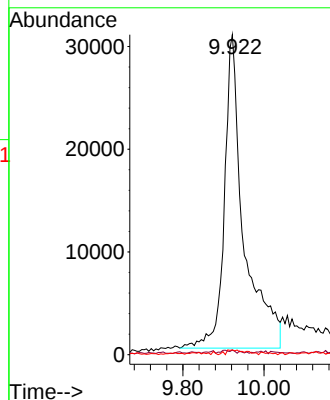
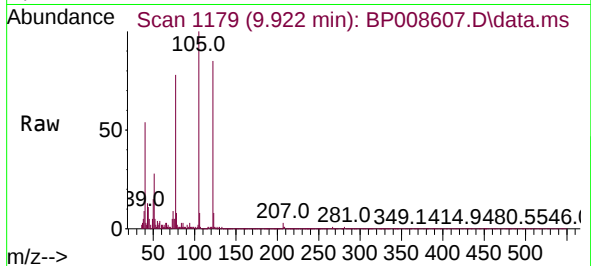
Tgt Ion:122 Resp: 102024

Ion Ratio Lower Upper

122 100

107 1.5 89.6 134.4#

121 1.5 47.8 71.8#



#32

Benzoic acid

Concen: 6.054 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.094 min

Lab File: BP008607.D

Acq: 30 Dec 2021 13:23

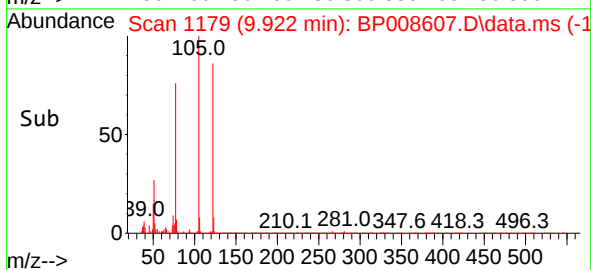
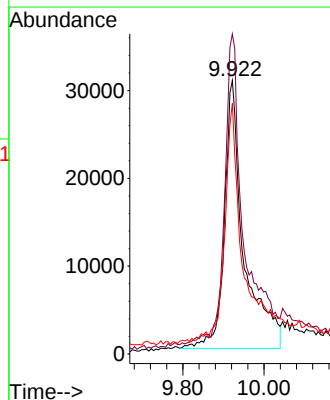
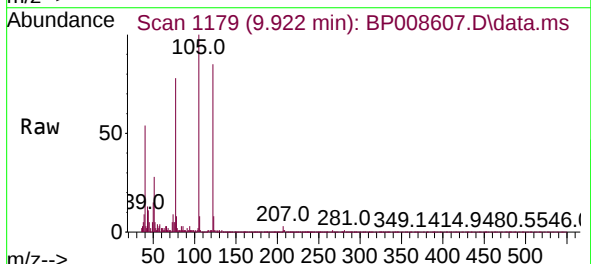
Tgt Ion:122 Resp: 102024

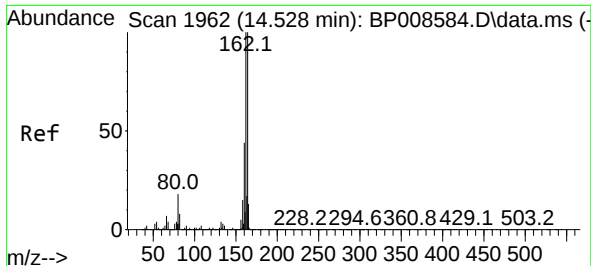
Ion Ratio Lower Upper

122 100

105 117.0 100.1 140.1

77 91.6 65.5 105.5

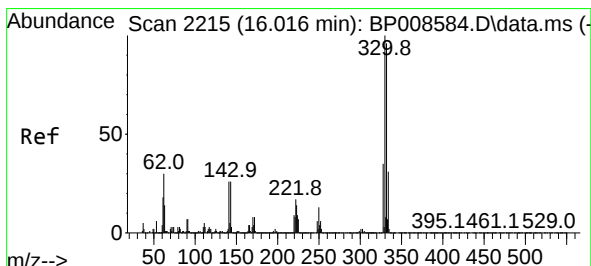
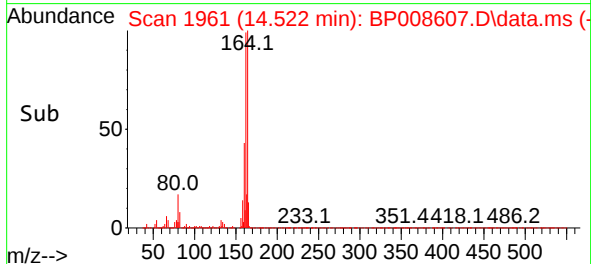
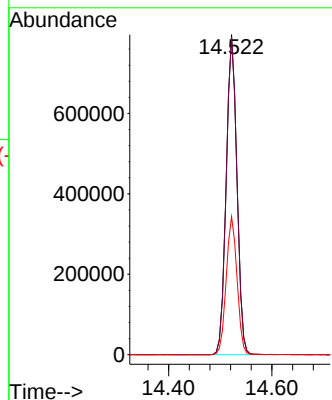
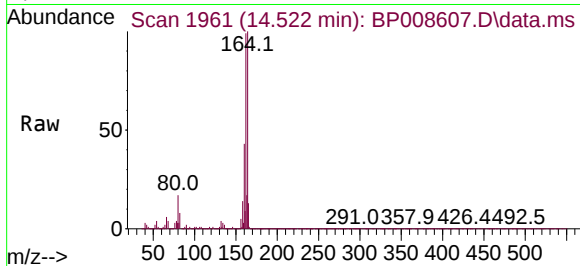




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

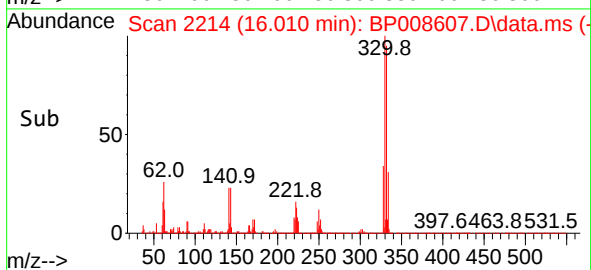
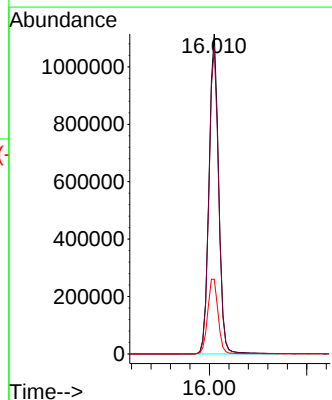
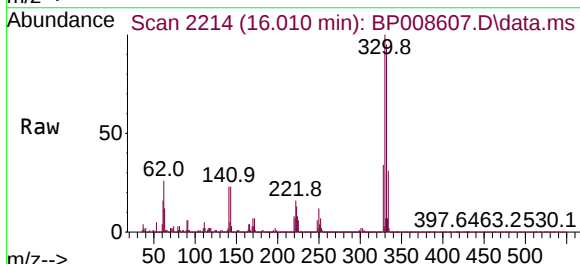
Instrument :
BNA_F
ClientSampleId :

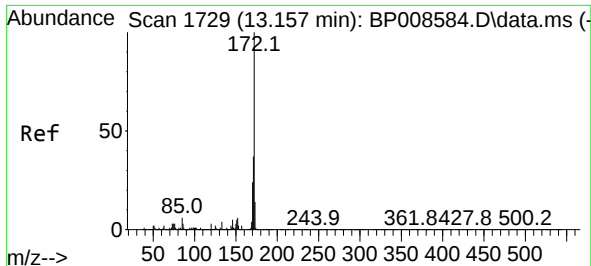
Tgt Ion:164 Resp: 1143165
Ion Ratio Lower Upper
164 100
162 99.2 79.9 119.9
160 43.2 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 98.510 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:330 Resp: 1523618
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 25.1 21.3 31.9

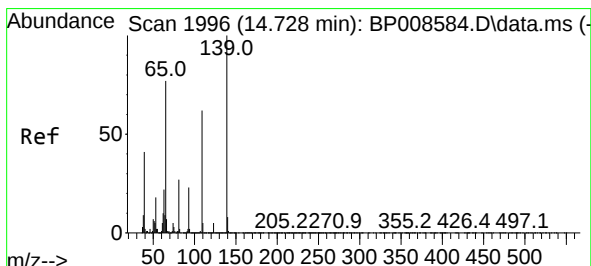
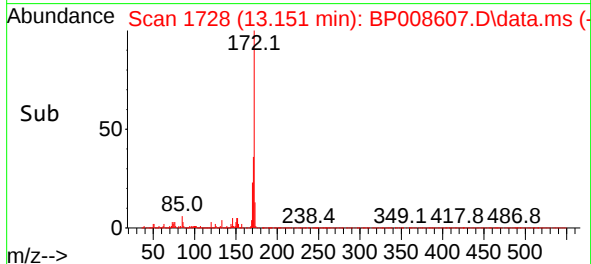
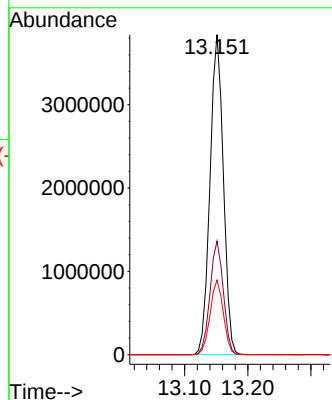
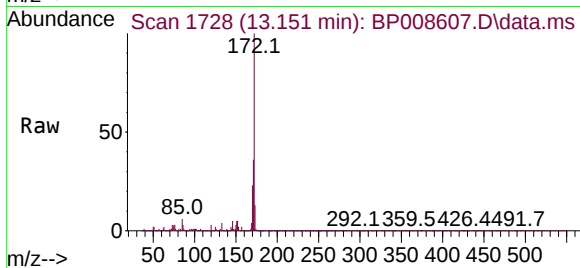




#45
2-Fluorobiphenyl
Concen: 71.400 ng
RT: 13.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

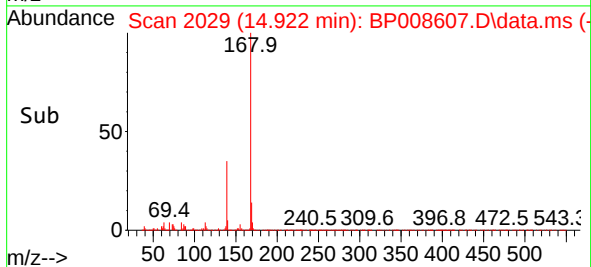
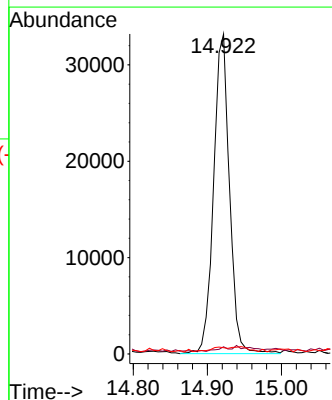
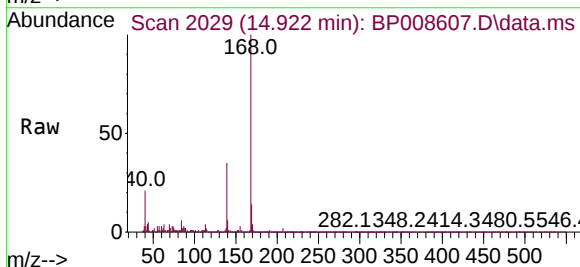
Instrument :
BNA_F
ClientSampleId :

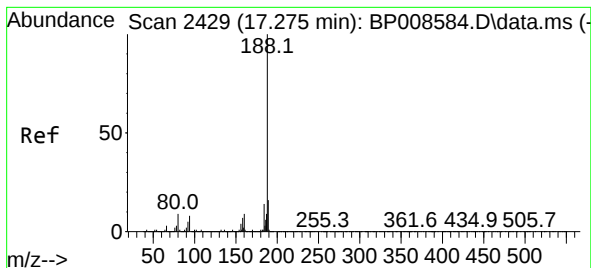
Tgt Ion:172 Resp: 5633668
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.3 19.5 29.3



#56
4-Nitrophenol
Concen: 3.324 ng
RT: 14.922 min Scan# 2029
Delta R.T. 0.194 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:139 Resp: 49228
Ion Ratio Lower Upper
139 100
109 2.2 42.2 82.2#
65 2.0 57.3 97.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.269 min Scan# 2428

Delta R.T. -0.006 min

Lab File: BP008607.D

Acq: 30 Dec 2021 13:23

Instrument :

BNA_F

ClientSampleId :

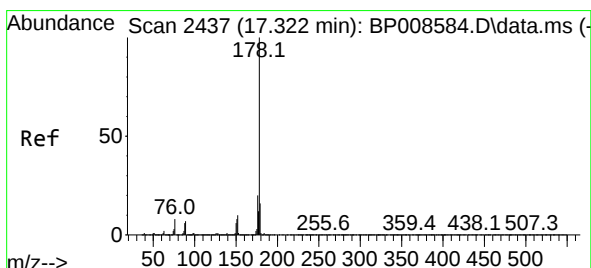
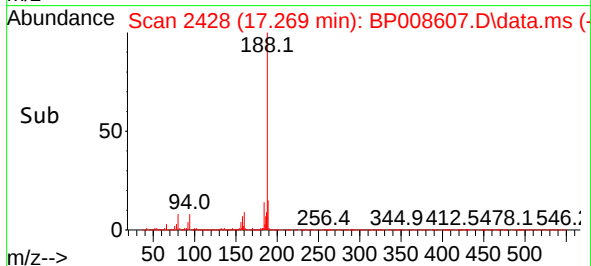
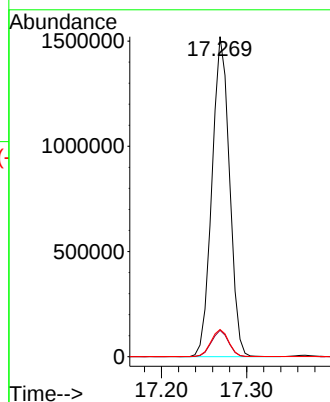
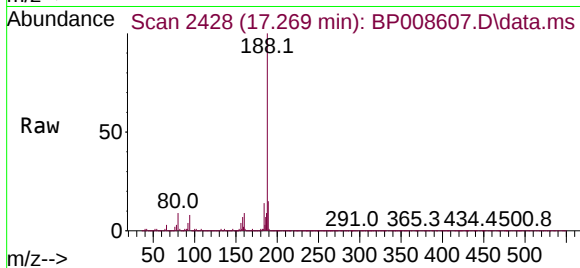
Tgt Ion:188 Resp: 2182517

Ion Ratio Lower Upper

188 100

94 8.2 6.8 10.2

80 8.5 7.2 10.8



#71

Phenanthrene

Concen: 4.070 ng

RT: 17.310 min Scan# 2435

Delta R.T. -0.012 min

Lab File: BP008607.D

Acq: 30 Dec 2021 13:23

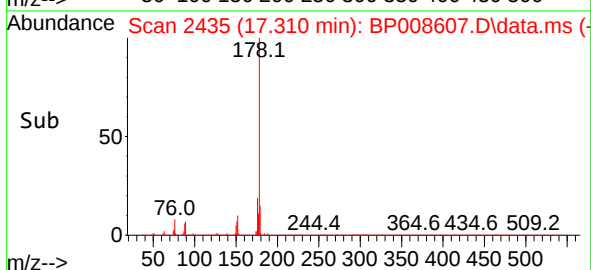
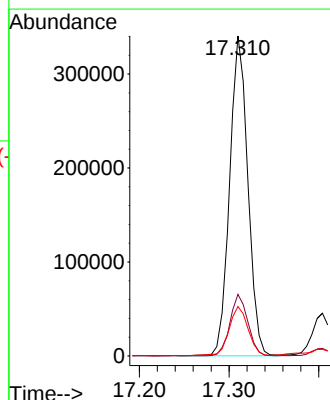
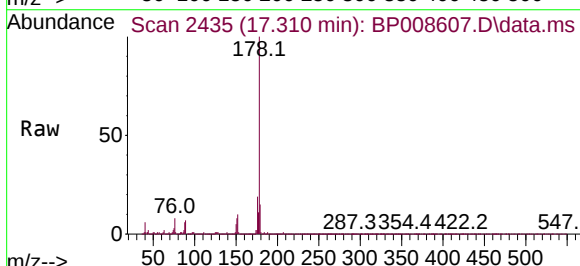
Tgt Ion:178 Resp: 478874

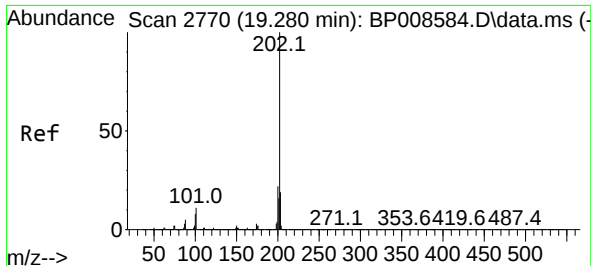
Ion Ratio Lower Upper

178 100

176 19.3 16.0 24.0

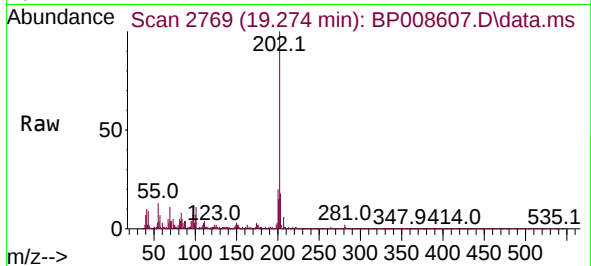
179 15.4 13.0 19.4



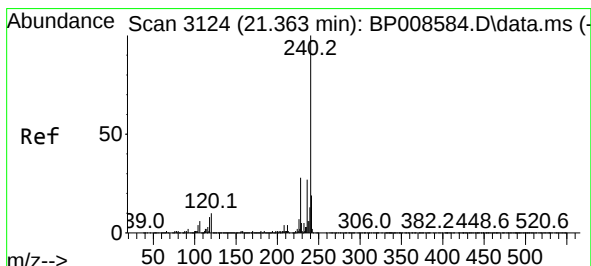
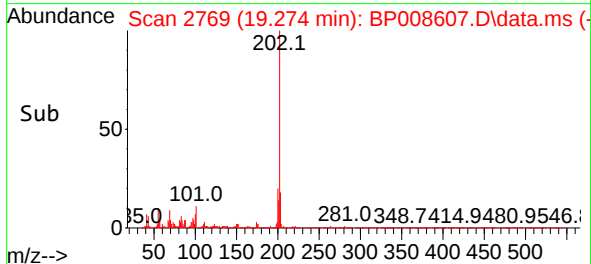
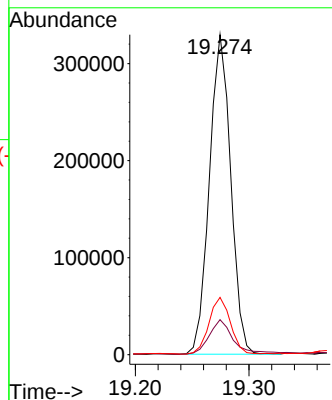


#75
Fluoranthene
Concen: 3.174 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_F
ClientSampleId :

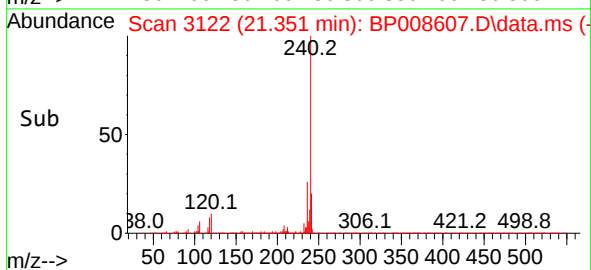
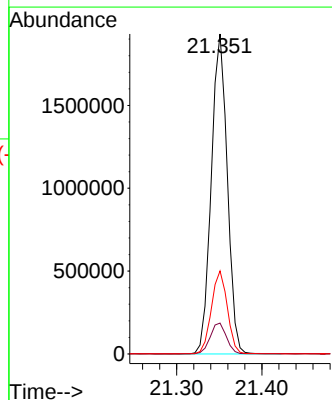
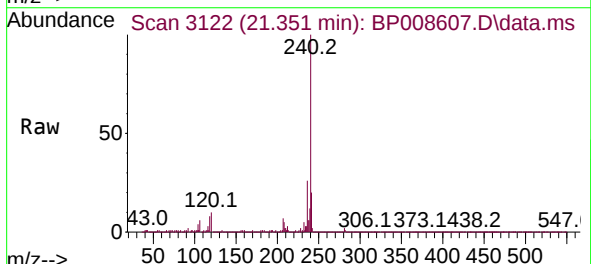


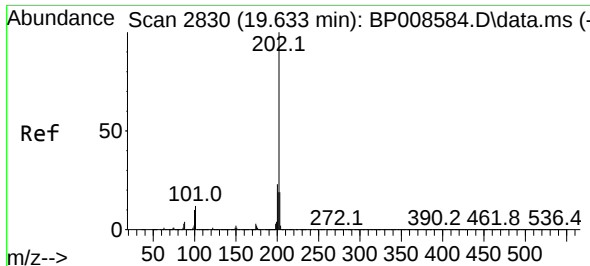
Tgt Ion:202 Resp: 429627
Ion Ratio Lower Upper
202 100
101 11.0 0.0 30.7
203 17.9 0.0 38.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:240 Resp: 2518196
Ion Ratio Lower Upper
240 100
120 9.7 7.7 11.5
236 26.0 21.2 31.8

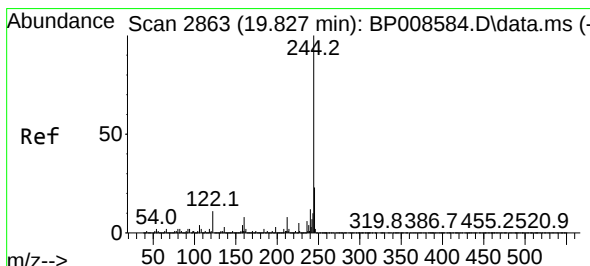
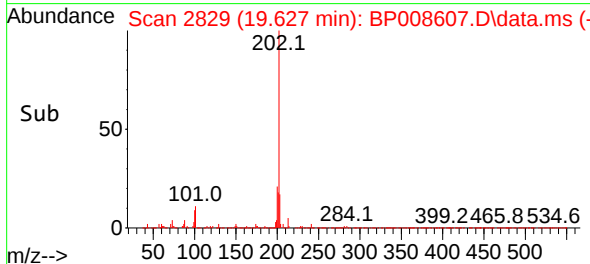
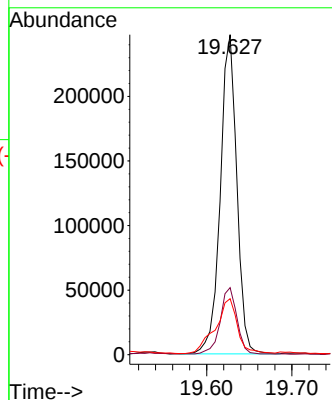
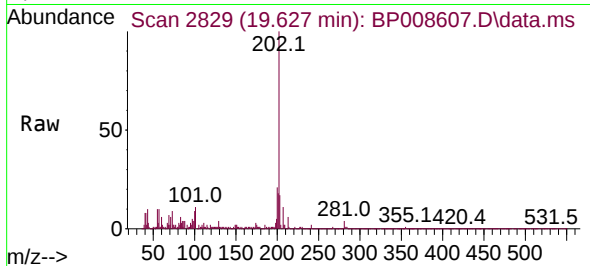




#78
 Pyrene
 Concen: 2.035 ng
 RT: 19.627 min Scan# 2829
 Delta R.T. -0.006 min
 Lab File: BP008607.D
 Acq: 30 Dec 2021 13:23

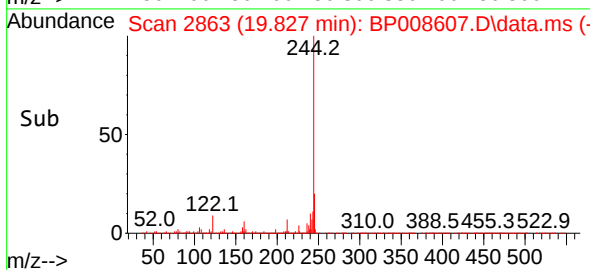
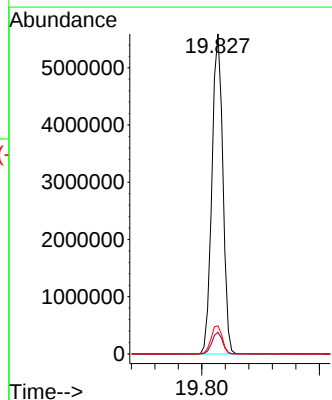
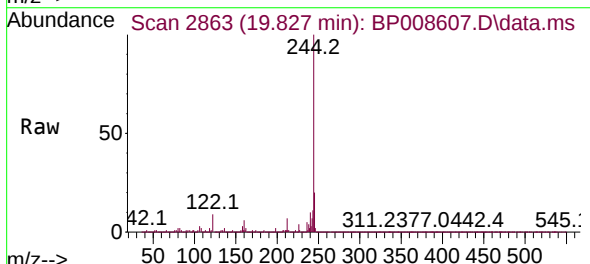
Instrument :
 BNA_F
 ClientSampleId :

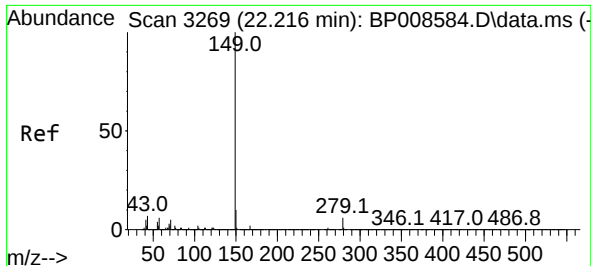
Tgt Ion:202 Resp: 333447
 Ion Ratio Lower Upper
 202 100
 200 20.9 18.0 27.0
 203 17.5 15.0 22.6



#79
 Terphenyl-d14
 Concen: 58.258 ng
 RT: 19.827 min Scan# 2863
 Delta R.T. 0.000 min
 Lab File: BP008607.D
 Acq: 30 Dec 2021 13:23

Tgt Ion:244 Resp: 7185166
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 8.8 9.2 13.8#

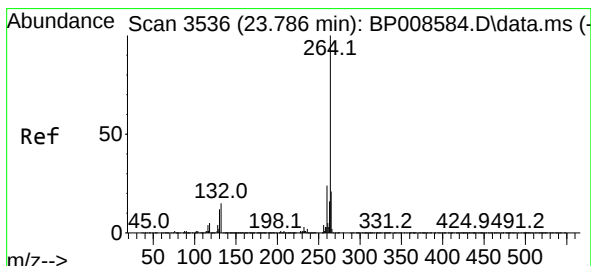
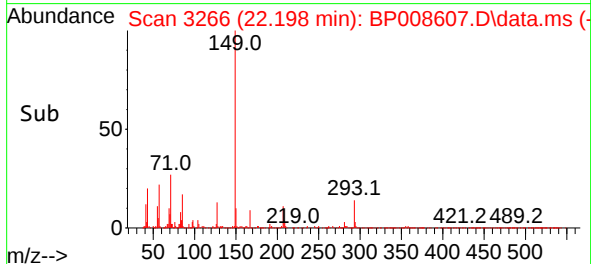
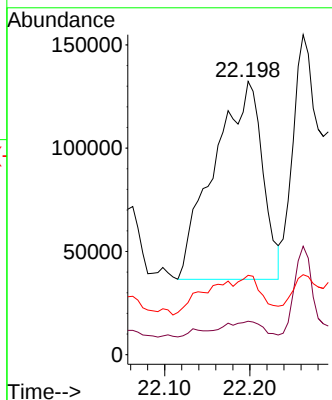
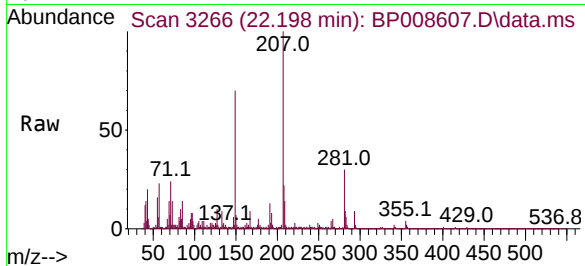




#85
Di-n-octyl phthalate
Concen: 2.472 ng
RT: 22.198 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 377623
Ion Ratio Lower Upper
149 100
167 7.0 1.4 2.0#
43 0.0 5.4 8.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3534
Delta R.T. -0.012 min
Lab File: BP008607.D
Acq: 30 Dec 2021 13:23

Tgt Ion:264 Resp: 3168575
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 22.0 17.1 25.7

