

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
 Data File : BP007163.D
 Acq On : 24 Sep 2021 17:41
 Operator : CG/JU
 Sample : M3875-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20882

Quant Time: Sep 24 18:10:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

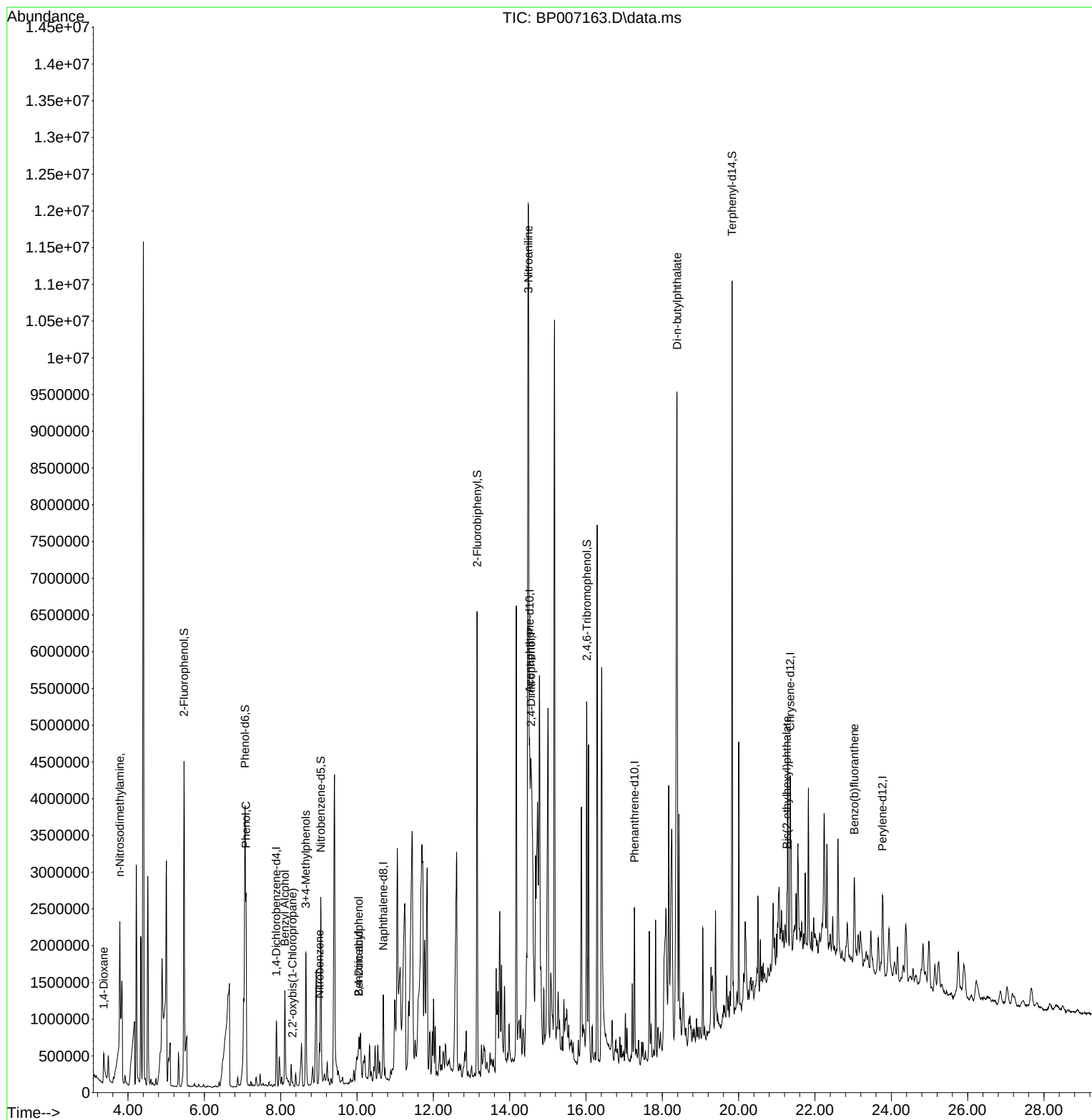
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	251640	20.000	ng	0.00
21) Naphthalene-d8	10.687	136	987967	20.000	ng	# 0.00
39) Acenaphthene-d10	14.522	164	521488	20.000	ng	0.00
64) Phenanthrene-d10	17.269	188	1198778	20.000	ng	# 0.00
76) Chrysene-d12	21.351	240	1141689	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	203452	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1920806	127.775	ng	0.00
7) Phenol-d6	7.063	99	1979149	96.327	ng	0.00
23) Nitrobenzene-d5	9.051	82	1480681	87.280	ng	0.00
42) 2,4,6-Tribromophenol	16.022	330	1032152	152.666	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3417211	93.877	ng	0.00
79) Terphenyl-d14	19.827	244	4602939	77.258	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	634539	104.379	ng	# 91
4) n-Nitrosodimethylamine	3.787	42	174594	30.615	ng	# 1
10) Phenol	7.093	94	1420705	71.721	ng	90
15) Benzyl Alcohol	8.110	79	112219	8.528	ng	# 57
16) 2,2'-oxybis(1-Chloropr...	8.310	45	36940	2.063	ng	66
20) 3+4-Methylphenols	8.657	107	853853	46.243	ng	85
24) Nitrobenzene	9.016	77	47366	2.928	ng	# 40
27) 2,4-Dimethylphenol	10.046	122	340538	25.644	ng	# 4
32) Benzoic acid	10.046	122	340538	33.365	ng	93
53) 3-Nitroaniline	14.492	138	90128	10.880	ng	# 6
54) 2,4-Dinitrophenol	14.563	184	19717	4.468	ng	# 62
74) Di-n-butylphthalate	18.386	149	7050884	103.257	ng	# 93
84) Bis(2-ethylhexyl)phtha...	21.263	149	211300	4.899	ng	99
88) Benzo(b)fluoranthene	23.027	252	45357	3.730	ng	# 16

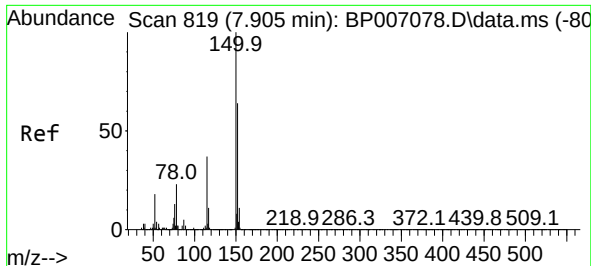
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092421\
Data File : BP007163.D
Acq On : 24 Sep 2021 17:41
Operator : CG/JU
Sample : M3875-15
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20882

Quant Time: Sep 24 18:10:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

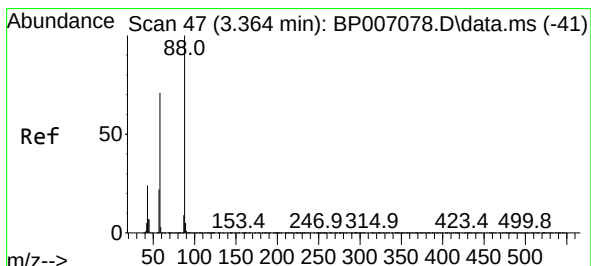
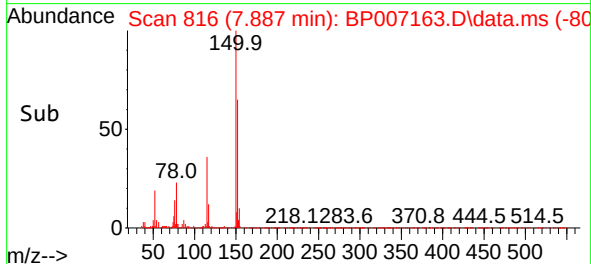
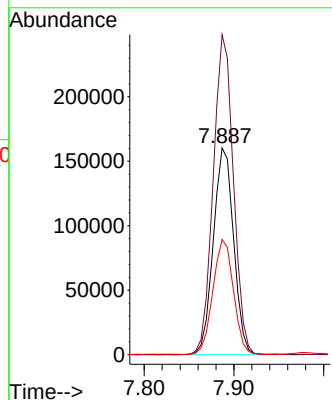
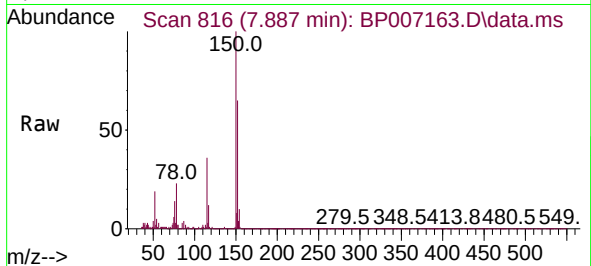




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

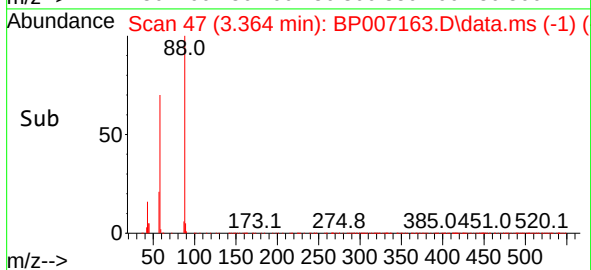
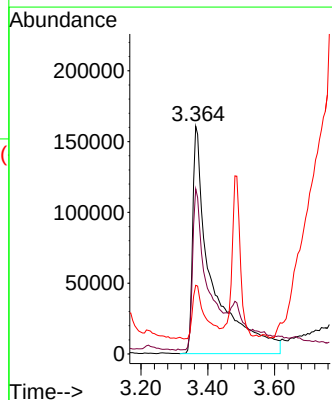
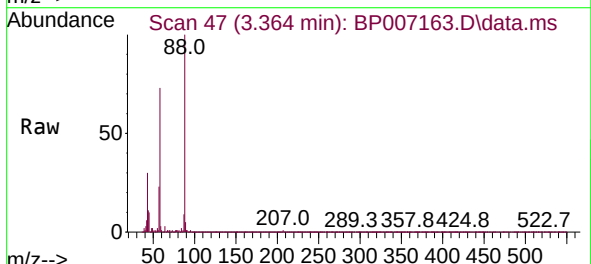
Instrument :
BNA_P
ClientSampleId :
20882

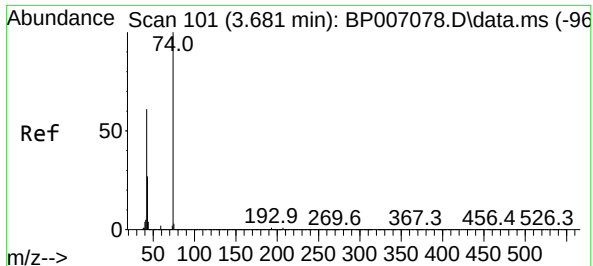
Tgt Ion:152 Resp: 251640
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 55.7 48.5 72.7



#2
1,4-Dioxane
Concen: 104.379 ng
RT: 3.364 min Scan# 47
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 88 Resp: 634539
Ion Ratio Lower Upper
88 100
58 54.8 46.7 70.1
43 15.6 20.3 30.5

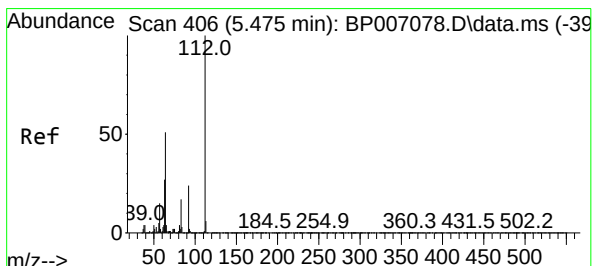
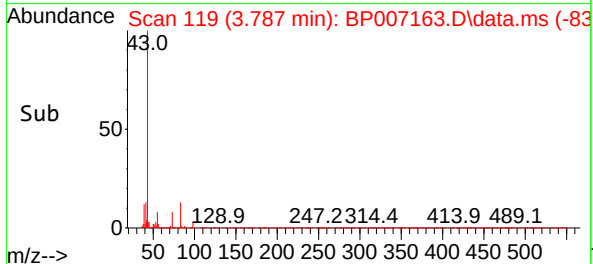
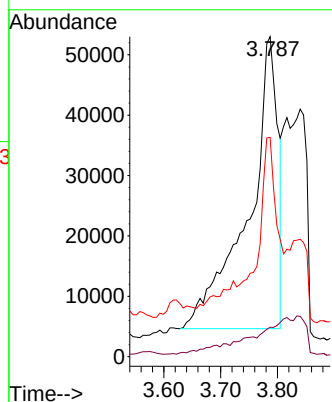
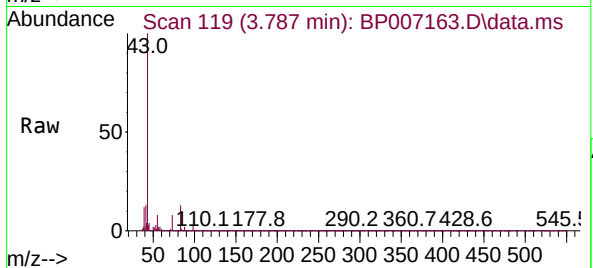




#4
n-Nitrosodimethylamine
Concen: 30.615 ng
RT: 3.787 min Scan# 119
Delta R.T. 0.112 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

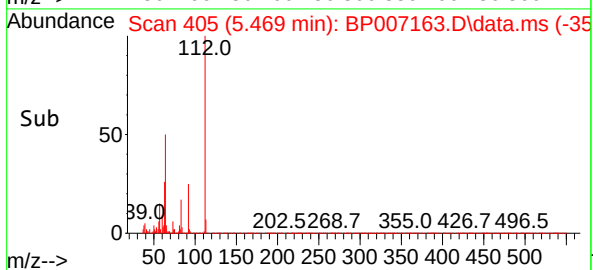
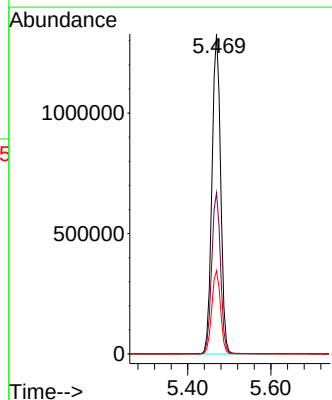
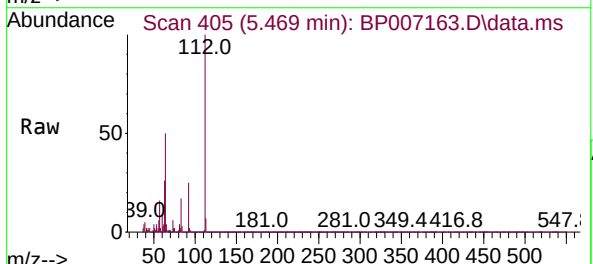
Instrument :
BNA_P
ClientSampleId :
20882

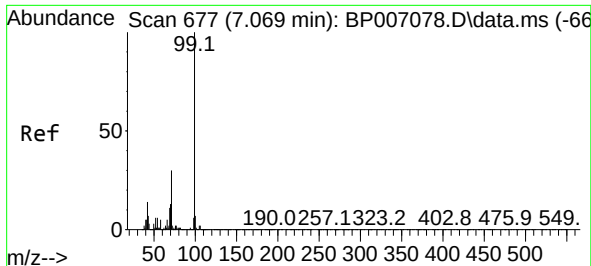
Tgt Ion: 42 Resp: 174594
Ion Ratio Lower Upper
42 100
74 9.2 105.4 158.0#
44 68.6 4.2 6.4#



#5
2-Fluorophenol
Concen: 127.775 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 112 Resp: 1920806
Ion Ratio Lower Upper
112 100
64 50.3 41.4 62.2
63 26.0 23.8 35.8

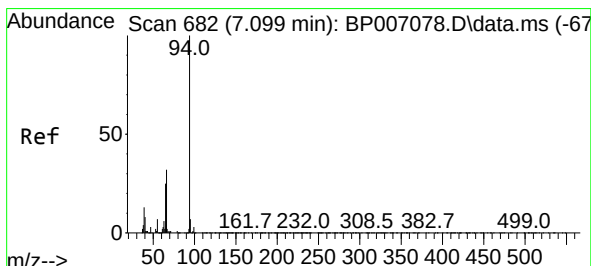
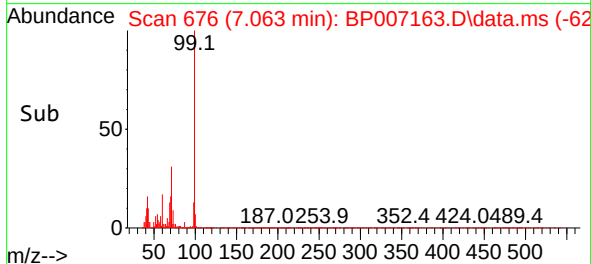
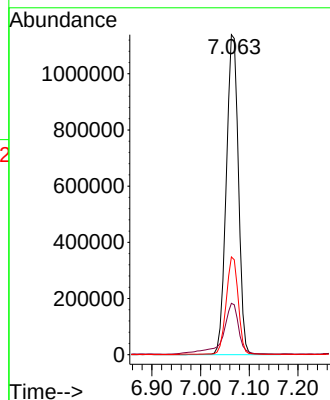
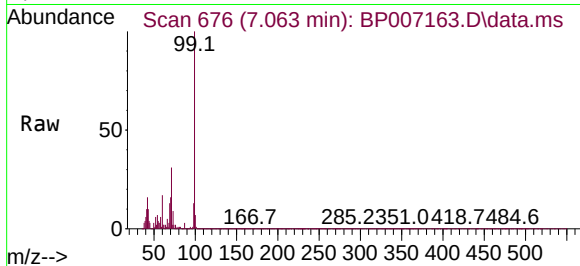




#7
Phenol-d6
Concen: 96.327 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

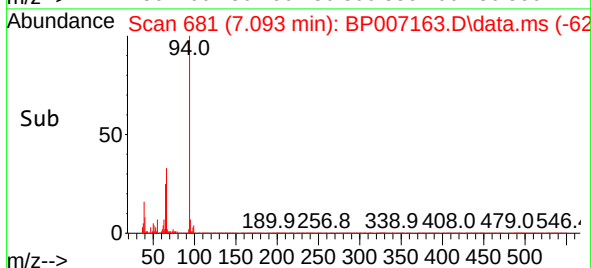
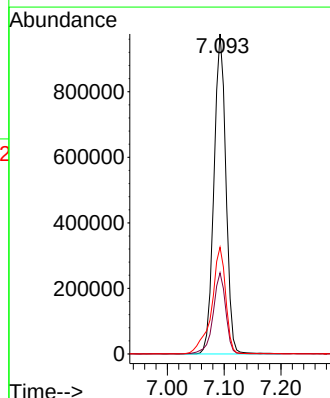
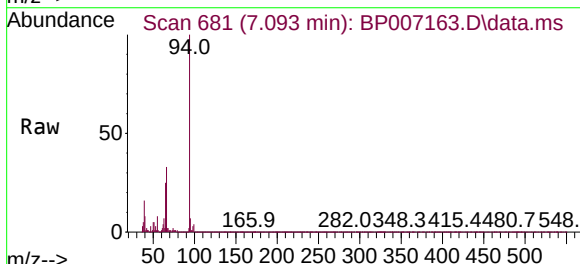
Instrument :
BNA_P
ClientSampleId :
20882

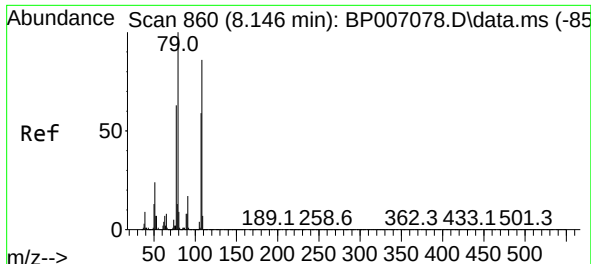
Tgt Ion: 99 Resp: 1979149
Ion Ratio Lower Upper
99 100
42 16.1 13.4 20.0
71 30.6 30.6 46.0#



#10
Phenol
Concen: 71.721 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 94 Resp: 1420705
Ion Ratio Lower Upper
94 100
65 25.4 8.8 48.8
66 33.3 20.7 60.7

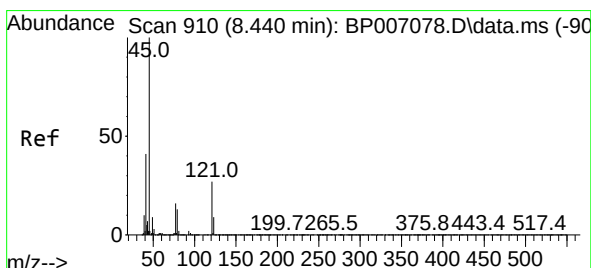
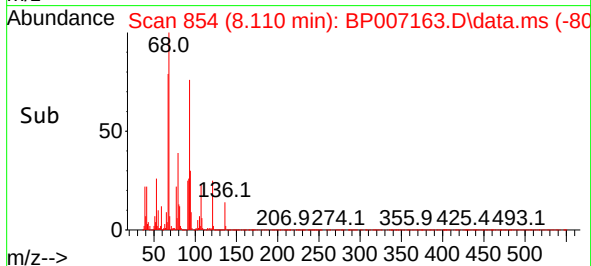
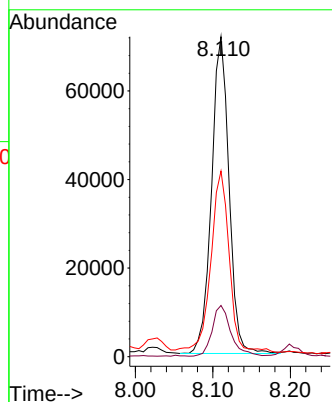
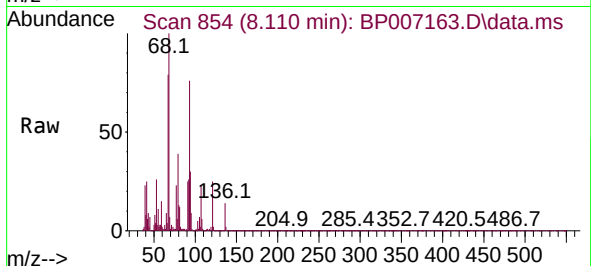




#15
Benzyl Alcohol
Concen: 8.528 ng
RT: 8.110 min Scan# 854
Delta R.T. -0.024 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

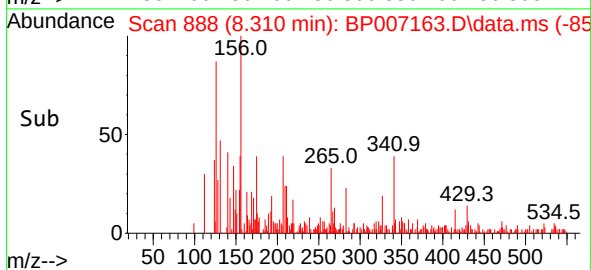
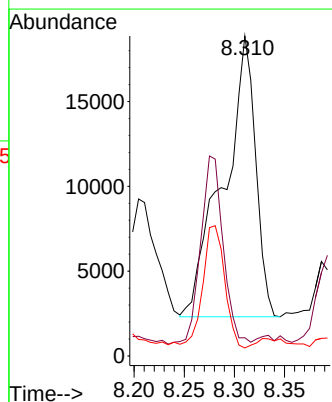
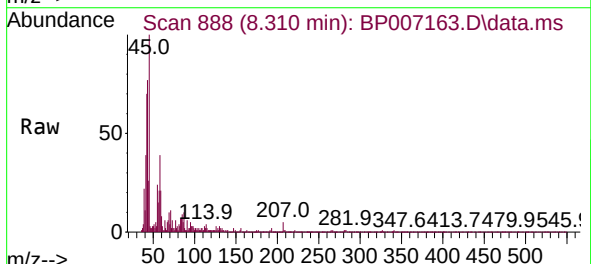
Instrument :
BNA_P
ClientSampleId :
20882

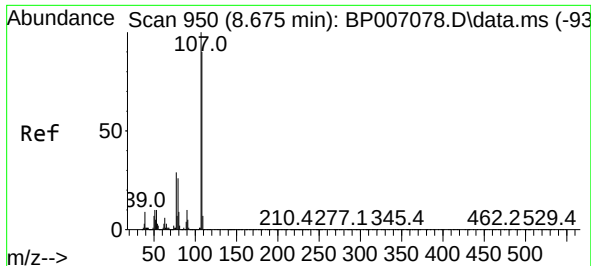
Tgt Ion: 79 Resp: 112219
Ion Ratio Lower Upper
79 100
108 16.0 62.5 93.7#
77 58.0 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.063 ng
RT: 8.310 min Scan# 888
Delta R.T. -0.112 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 45 Resp: 36940
Ion Ratio Lower Upper
45 100
77 5.7 2.0 42.0
79 2.5 0.0 36.7

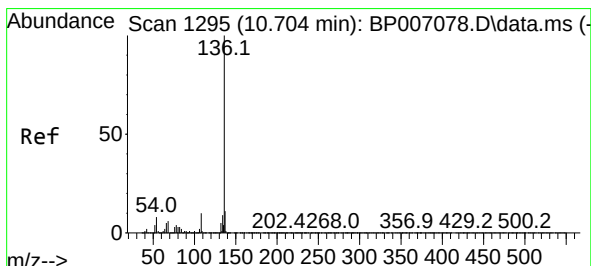
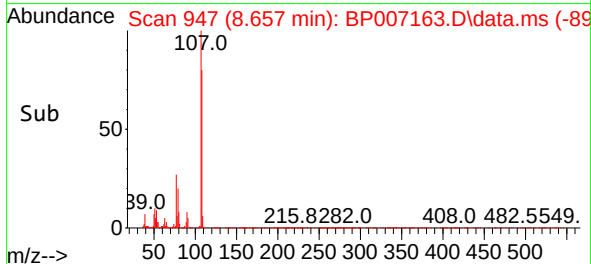
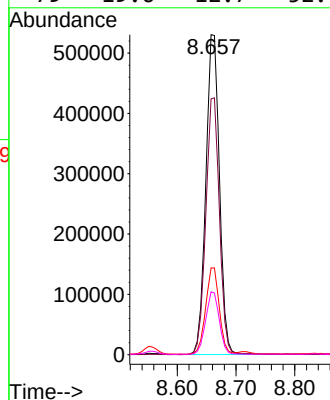
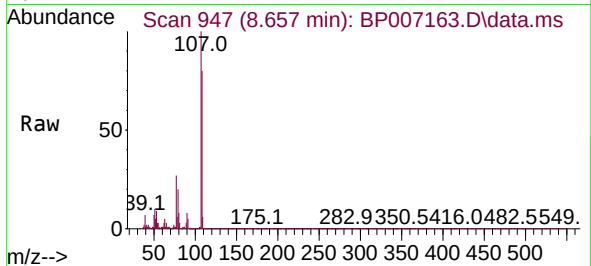




#20
3+4-Methylphenols
Concen: 46.243 ng
RT: 8.657 min Scan# 947
Delta R.T. -0.012 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

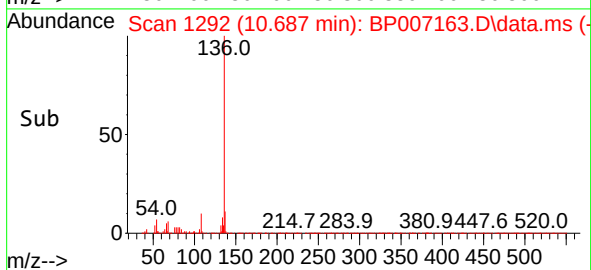
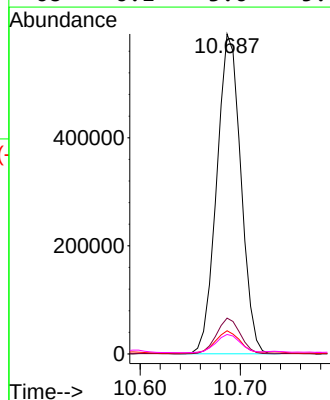
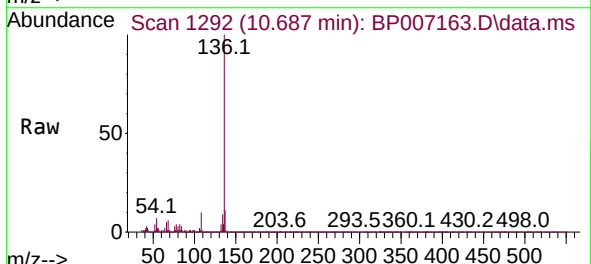
Instrument :
BNA_P
ClientSampled :
20882

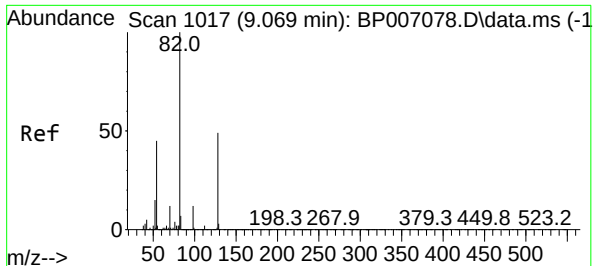
Tgt Ion:107	Resp: 853853
Ion Ratio	Lower Upper
107 100	
108 79.9	71.0 111.0
77 27.1	16.6 56.6
79 19.6	12.7 52.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.687 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:136	Resp: 987967
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 12.8
54 7.2	4.6 6.8#
68 6.1	3.6 5.4#



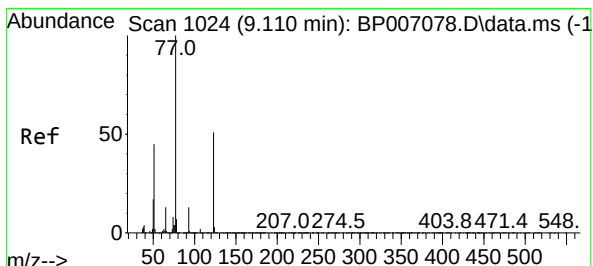
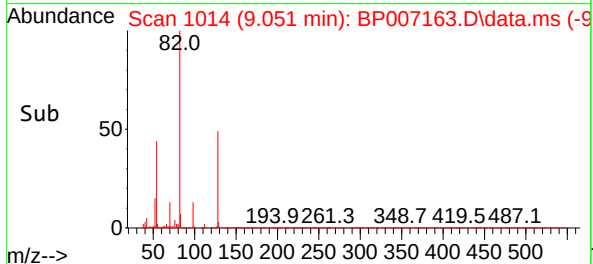
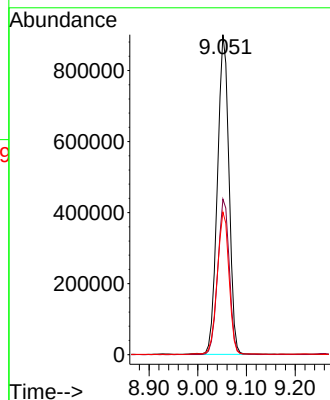
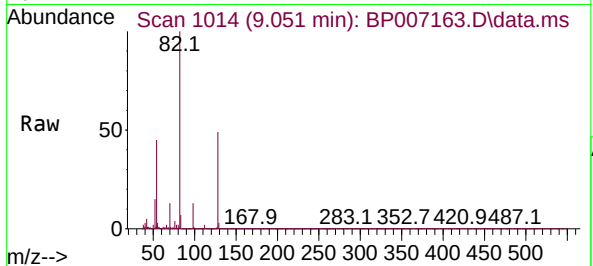


#23
Nitrobenzene-d5
Concen: 87.280 ng
RT: 9.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Instrument :
BNA_P
ClientSampleId :
20882

Tgt Ion: 82 Resp: 1480681

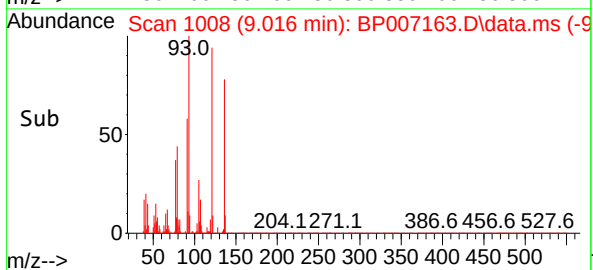
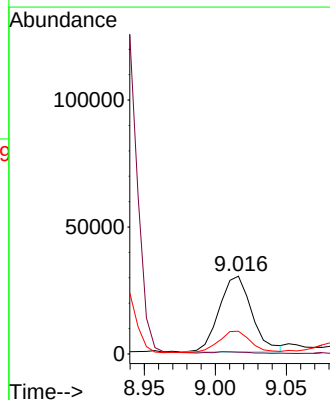
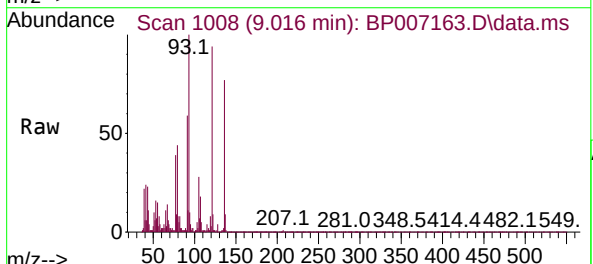
Ion	Ratio	Lower	Upper
82	100		
128	48.6	35.7	53.5
54	44.5	35.0	52.4

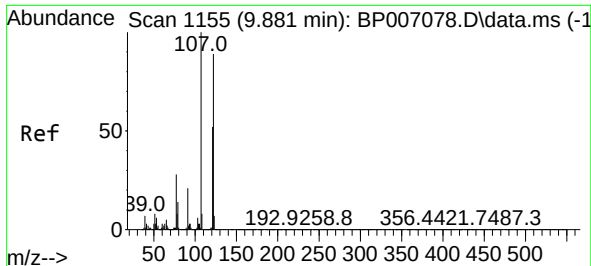


#24
Nitrobenzene
Concen: 2.928 ng
RT: 9.016 min Scan# 1008
Delta R.T. -0.083 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion: 77 Resp: 47366

Ion	Ratio	Lower	Upper
77	100		
123	2.2	38.2	57.2#
65	29.2	11.4	17.2#

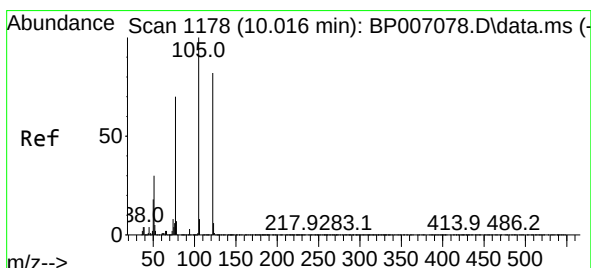
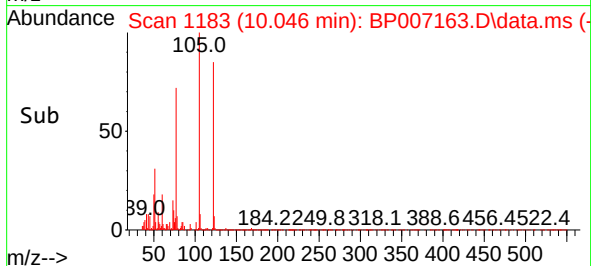
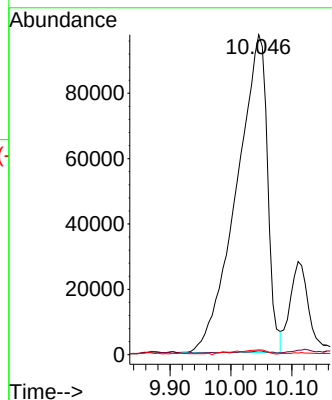
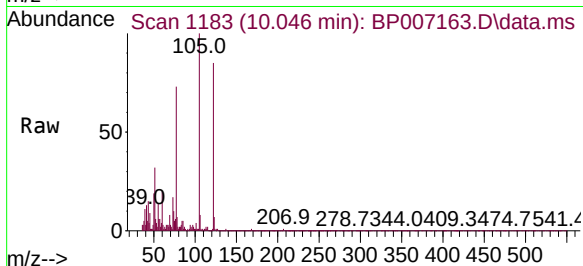




#27
2,4-Dimethylphenol
Concen: 25.644 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.176 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

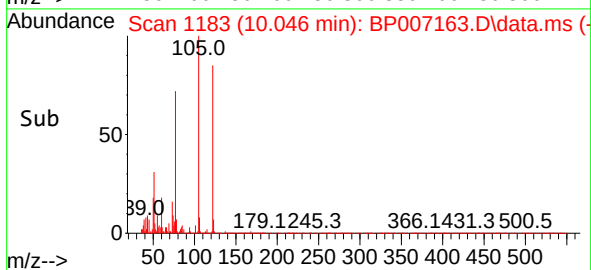
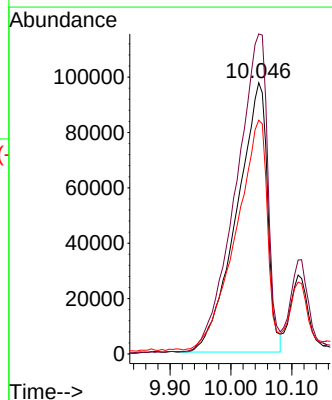
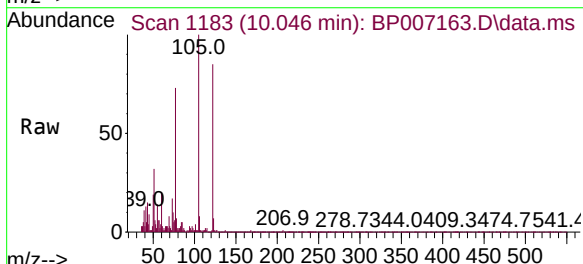
Instrument :
BNA_P
ClientSampleId :
20882

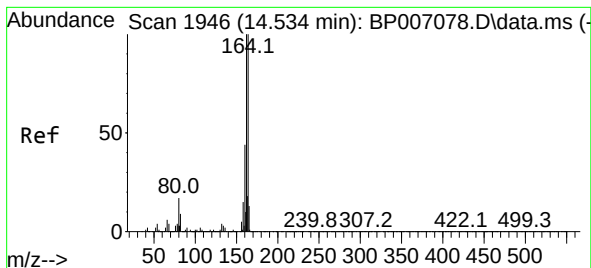
Tgt Ion:122 Resp: 340538
Ion Ratio Lower Upper
122 100
107 1.2 94.5 141.7#
121 1.5 47.4 71.2#



#32
Benzoic acid
Concen: 33.365 ng
RT: 10.046 min Scan# 1183
Delta R.T. 0.041 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:122 Resp: 340538
Ion Ratio Lower Upper
122 100
105 118.0 103.2 143.2
77 86.2 76.2 116.2

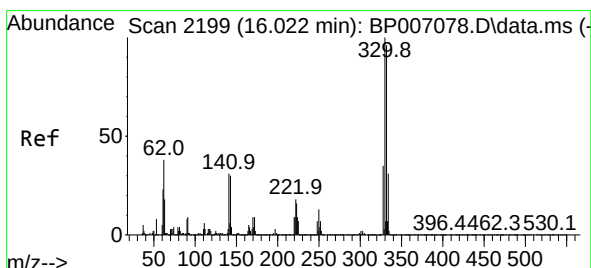
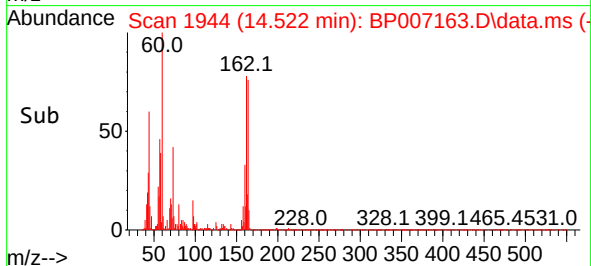
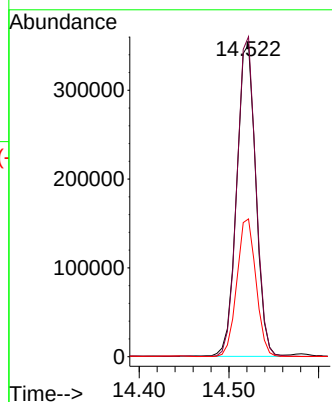
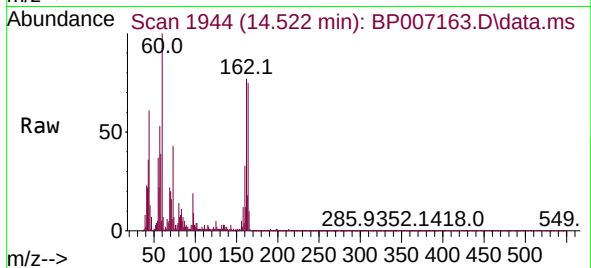




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

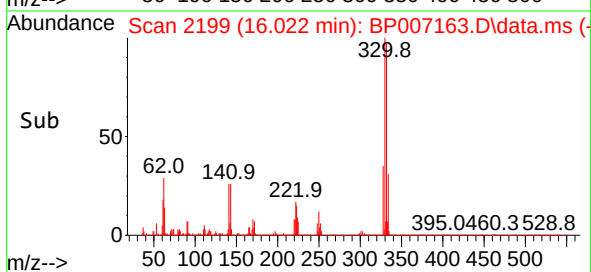
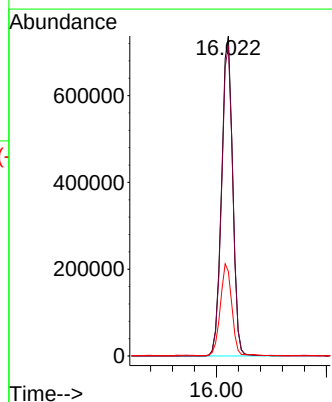
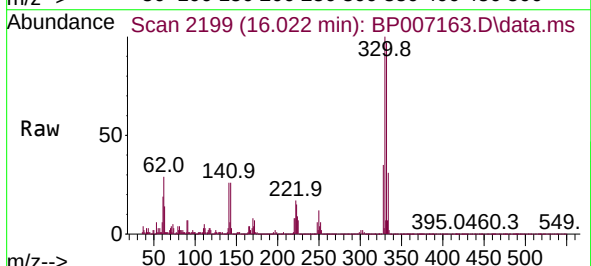
Instrument :
BNA_P
ClientSampleId :
20882

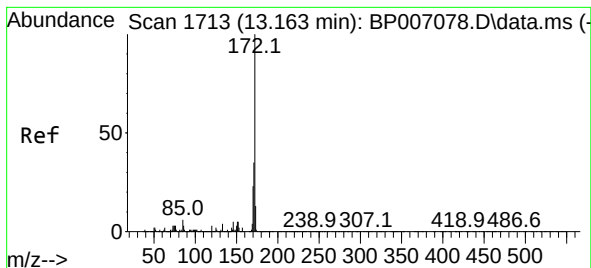
Tgt Ion:164 Resp: 521488
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 44.2 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 152.666 ng
RT: 16.022 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:330 Resp: 1032152
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 29.3 25.4 38.2

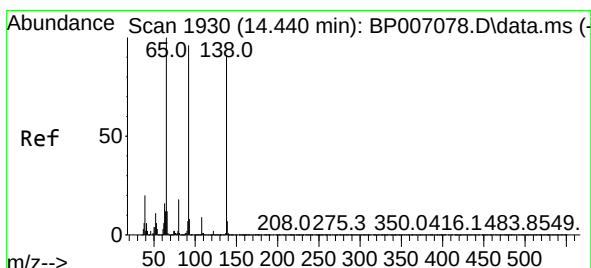
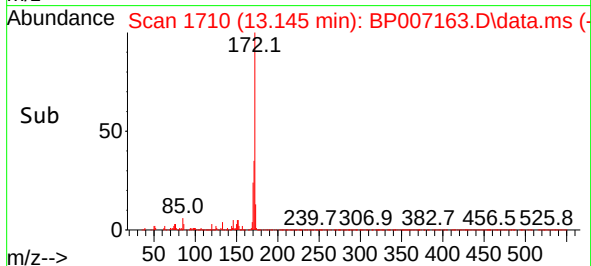
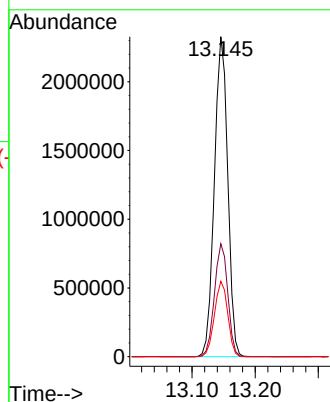
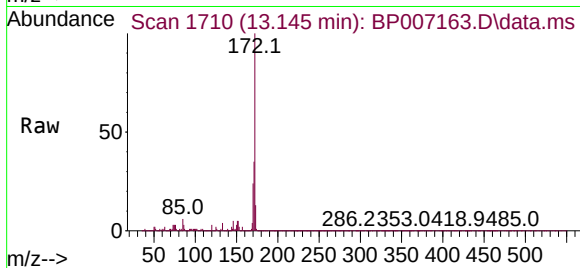




#45
2-Fluorobiphenyl
Concen: 93.877 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

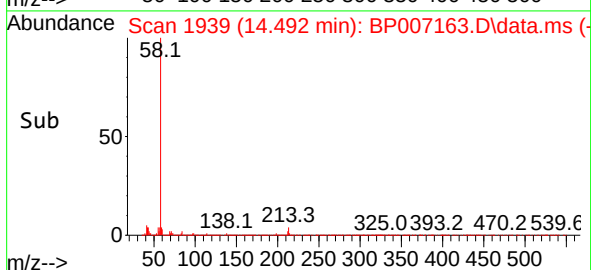
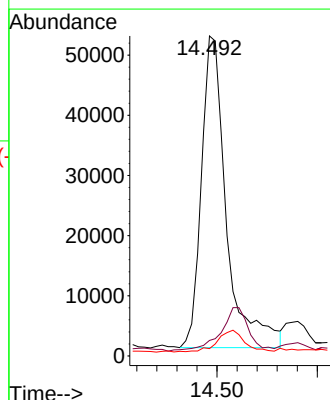
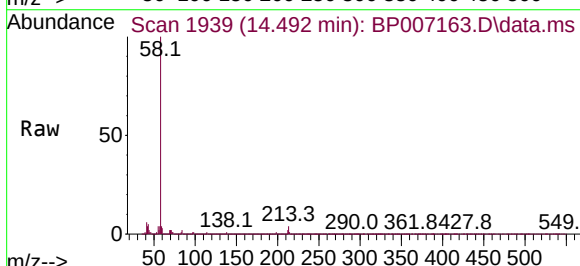
Instrument :
BNA_P
ClientSampleId :
20882

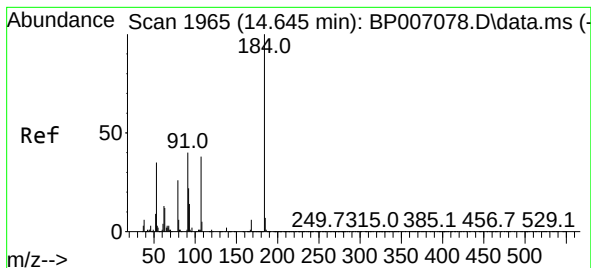
Tgt Ion:172 Resp: 3417211
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.5 18.6 27.8



#53
3-Nitroaniline
Concen: 10.880 ng
RT: 14.492 min Scan# 1939
Delta R.T. 0.065 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:138 Resp: 90128
Ion Ratio Lower Upper
138 100
108 4.9 8.4 12.6#
92 2.3 87.8 131.8#

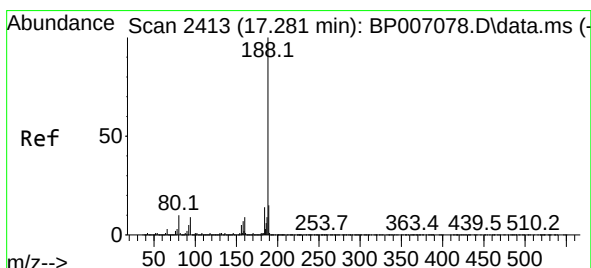
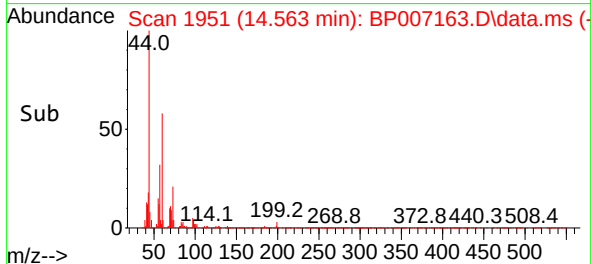
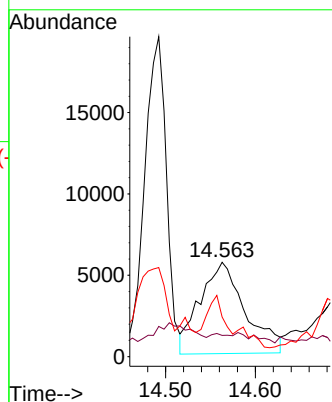
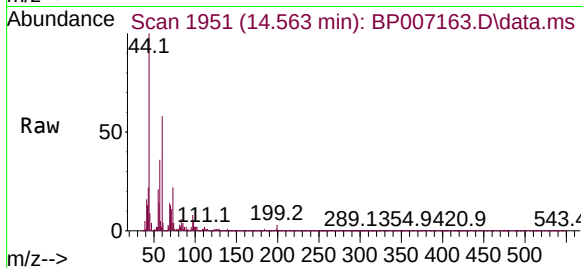




#54
2,4-Dinitrophenol
Concen: 4.468 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.077 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

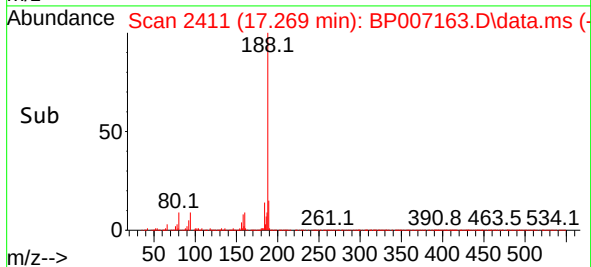
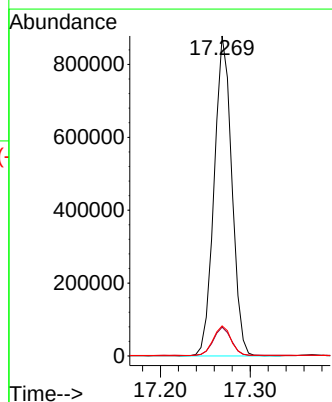
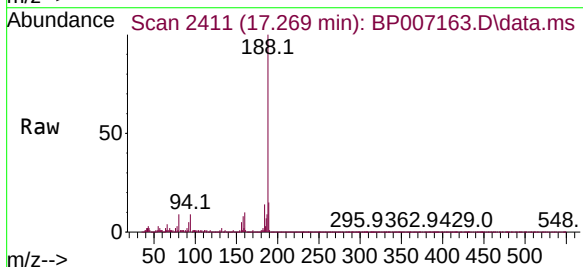
Instrument :
BNA_P
ClientSampleId :
20882

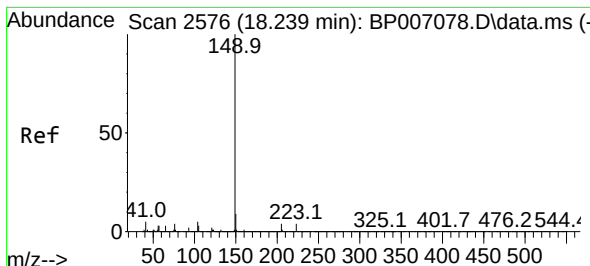
Tgt Ion:184 Resp: 19717
Ion Ratio Lower Upper
184 100
63 22.5 47.0 70.6#
154 42.1 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:188 Resp: 1198778
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.4 6.3 9.5

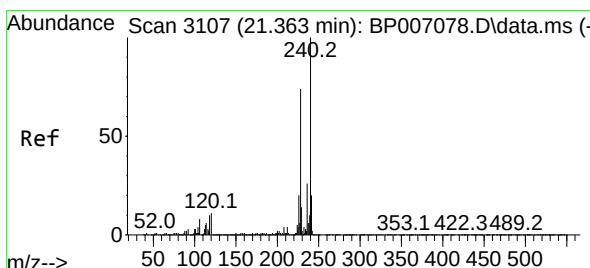
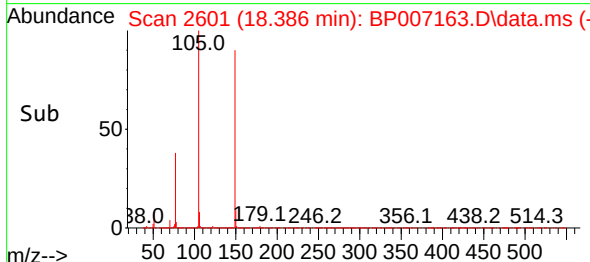
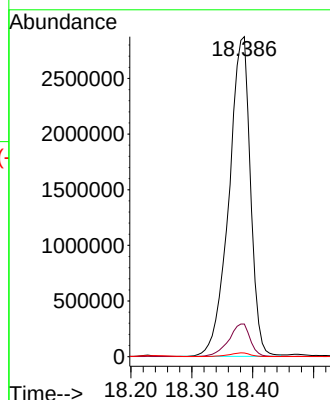
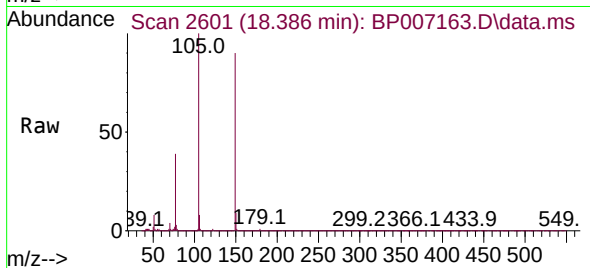




#74
Di-n-butylphthalate
Concen: 103.257 ng
RT: 18.386 min Scan# 2601
Delta R.T. 0.159 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

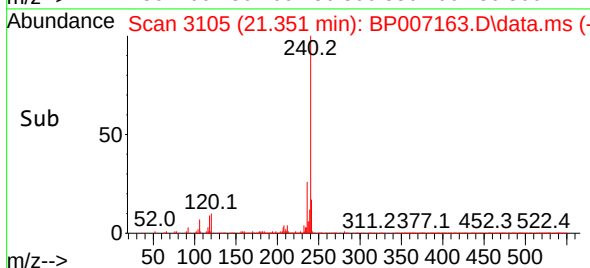
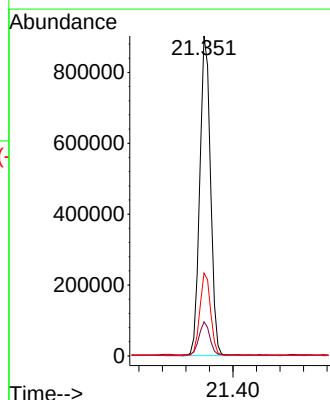
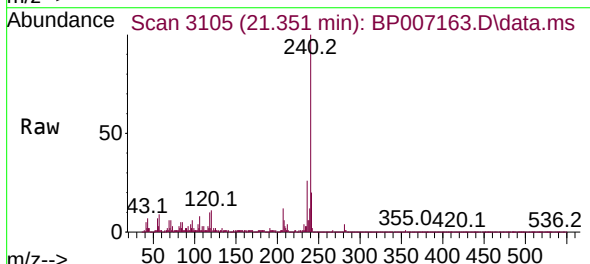
Instrument :
BNA_P
ClientSampleId :
20882

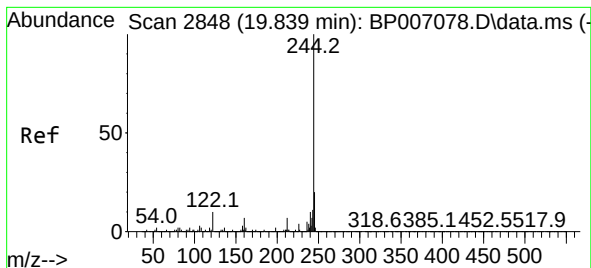
Tgt Ion:149 Resp: 7050884
Ion Ratio Lower Upper
149 100
150 10.2 7.3 10.9
104 1.2 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:240 Resp: 1141689
Ion Ratio Lower Upper
240 100
120 10.7 6.5 9.7#
236 25.9 20.6 31.0





#79

Terphenyl-d14

Concen: 77.258 ng

RT: 19.827 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BP007163.D

Acq: 24 Sep 2021 17:41

Instrument :

BNA_P

ClientSampleId :

20882

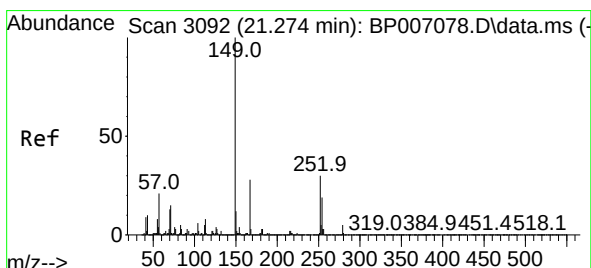
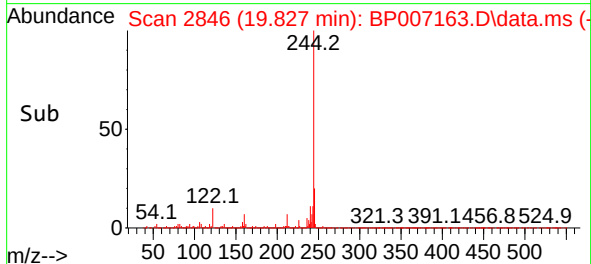
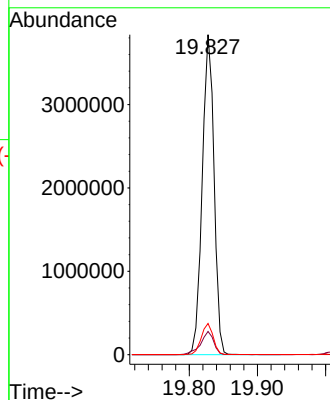
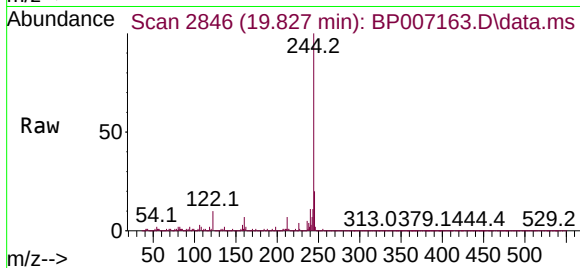
Tgt Ion:244 Resp: 4602939

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 9.7 7.1 10.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.899 ng

RT: 21.263 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BP007163.D

Acq: 24 Sep 2021 17:41

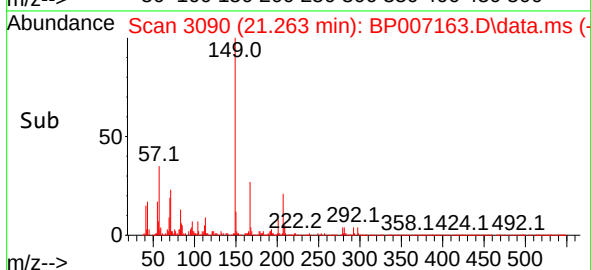
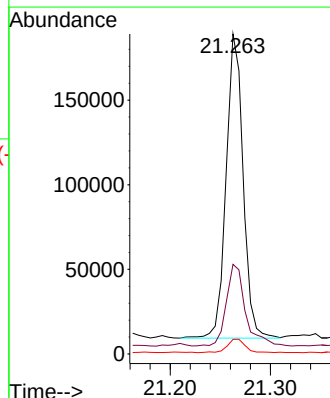
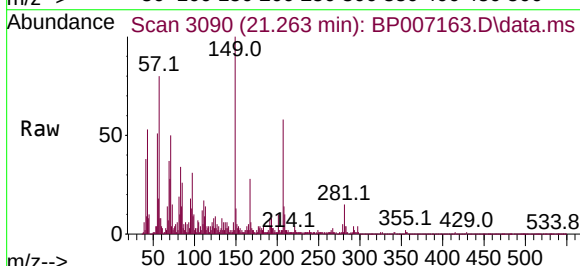
Tgt Ion:149 Resp: 211300

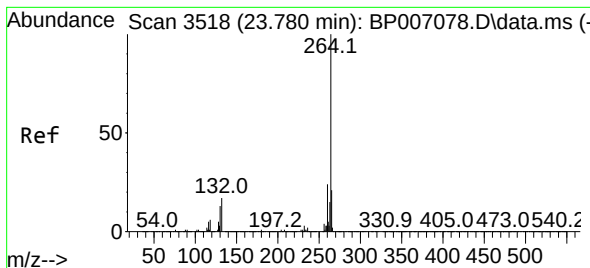
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 4.6 4.3 6.5

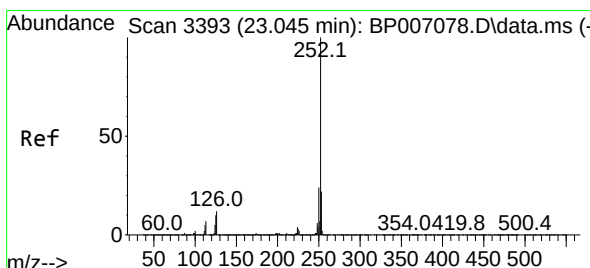
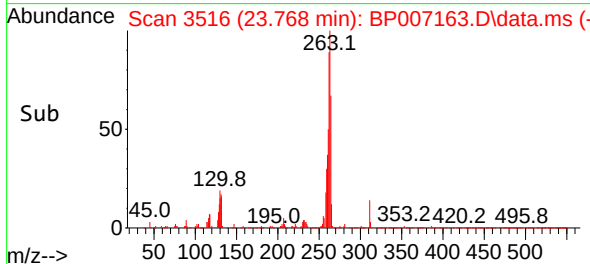
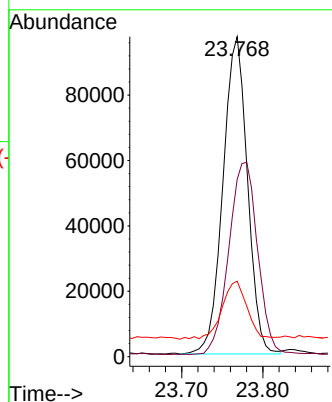
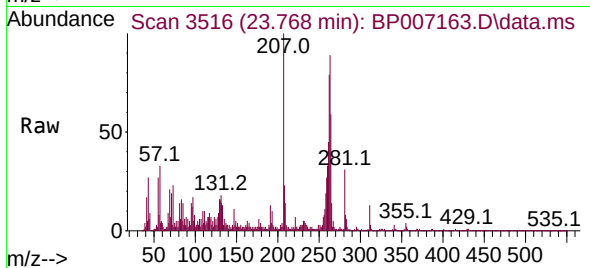




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.000 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Instrument :
BNA_P
ClientSampleId :
20882

Tgt Ion:264 Resp: 203452
Ion Ratio Lower Upper
264 100
260 55.4 18.6 28.0#
265 23.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 3.730 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.006 min
Lab File: BP007163.D
Acq: 24 Sep 2021 17:41

Tgt Ion:252 Resp: 45357
Ion Ratio Lower Upper
252 100
253 40.0 17.5 26.3#
125 82.7 6.2 9.4#

