

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007800.D
 Acq On : 01 Nov 2021 20:05
 Operator : CG/JU
 Sample : M4424-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T4-EP04-NW

Quant Time: Nov 02 01:51:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 01:43:06 2021
 Response via : Initial Calibration

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

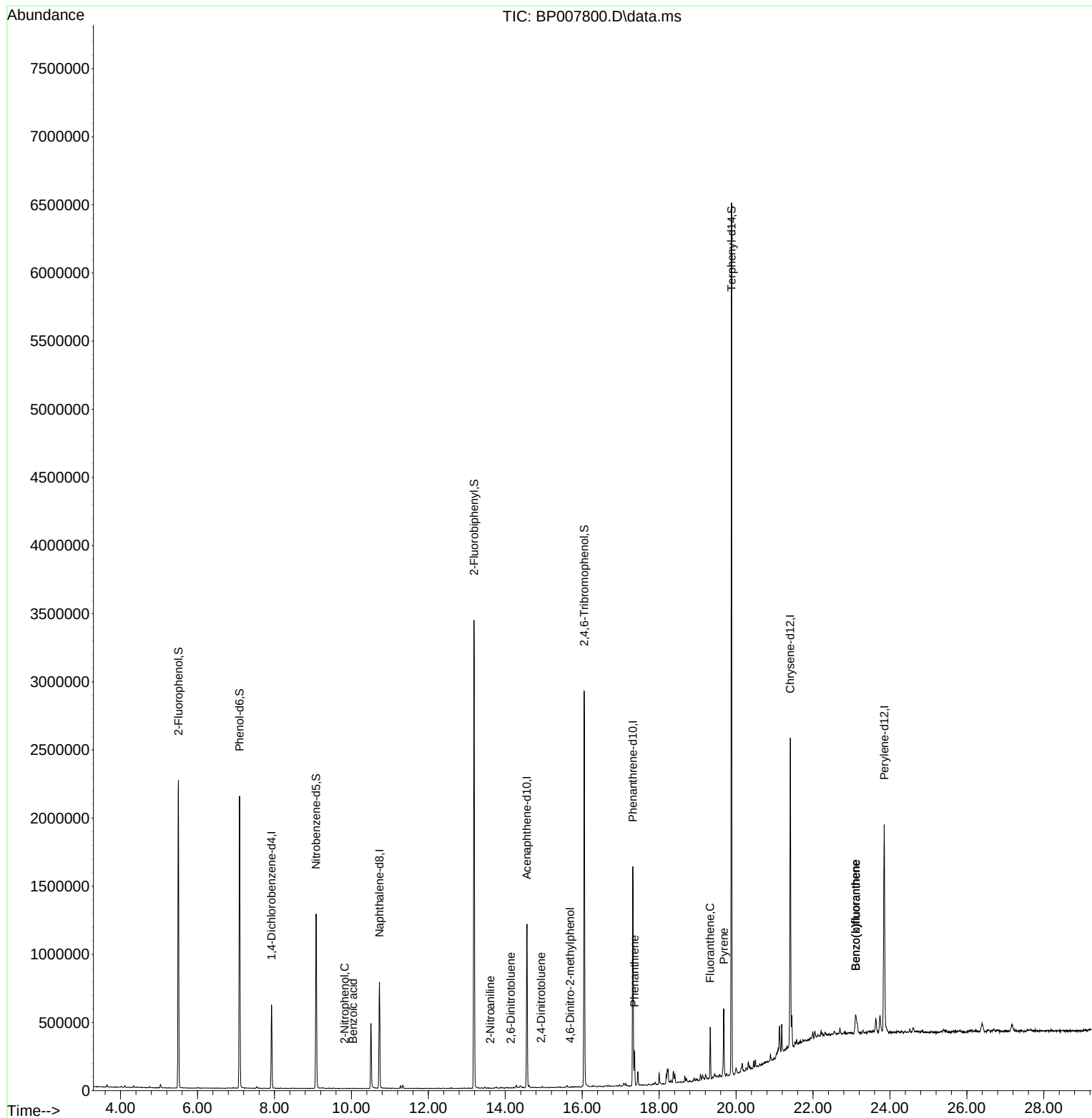
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	170863	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	648220	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	425955	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	956461	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1091880	20.000	ng	-0.01
86) Perylene-d12	23.851	264	1162189	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	981977	95.256	ng	0.00
7) Phenol-d6	7.093	99	1229572	88.529	ng	0.00
23) Nitrobenzene-d5	9.081	82	735853	70.057	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	536290	121.296	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	1744868	62.614	ng	-0.01
79) Terphenyl-d14	19.880	244	2866746	53.177	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.052	77	271	Below Cal	#	19
26) 2-Nitrophenol	9.822	139	10	3.969 ng	#	1
32) Benzoic acid	10.040	122	25	6.497 ng	#	1
48) 2-Nitroaniline	13.610	65	144	3.922 ng	#	20
51) 2,6-Dinitrotoluene	14.145	165	68	2.181 ng	#	80
57) 2,4-Dinitrotoluene	14.934	165	109	3.519 ng	#	27
58) Fluorene	15.616	166	6040	Below Cal		89
61) 4-Chlorophenyl-phenyle...	15.610	204	8	Below Cal	#	1
65) 4,6-Dinitro-2-methylph...	15.687	198	13	5.084 ng	#	1
71) Phenanthrene	17.357	178	152500	3.085 ng		99
75) Fluoranthene	19.328	202	211335	3.527 ng		97
78) Pyrene	19.680	202	304508	4.209 ng		99
88) Benzo(b)fluoranthene	23.110	252	171438	2.488 ng		95
89) Benzo(k)fluoranthene	23.110	252	171438	2.541 ng		96

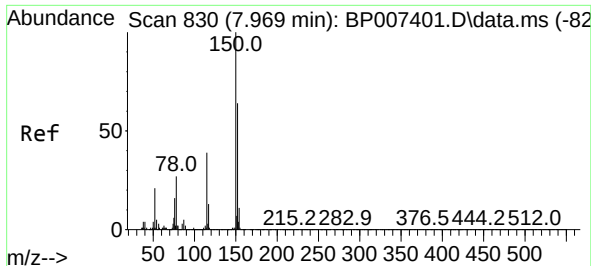
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
Data File : BP007800.D
Acq On : 01 Nov 2021 20:05
Operator : CG/JU
Sample : M4424-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

Quant Time: Nov 02 01:51:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 01:43:06 2021
Response via : Initial Calibration

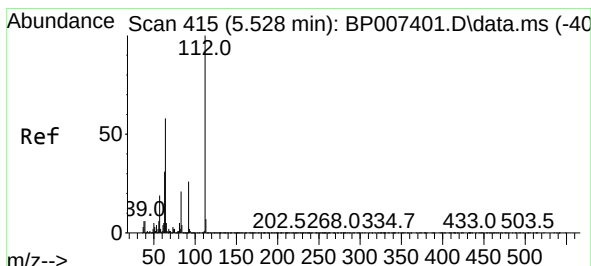
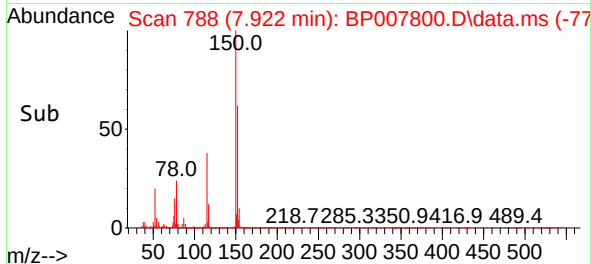
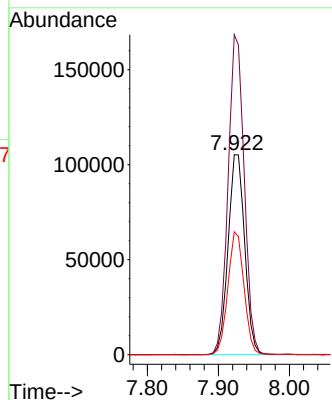
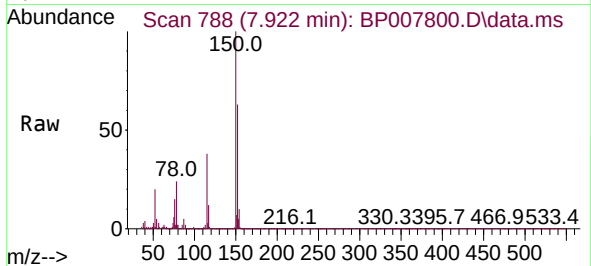




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BP007800.D
 Acq: 01 Nov 2021 20:05

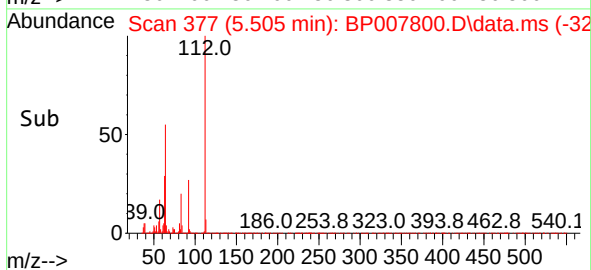
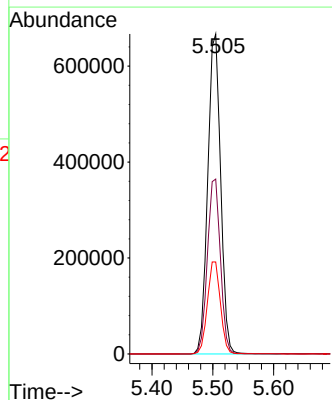
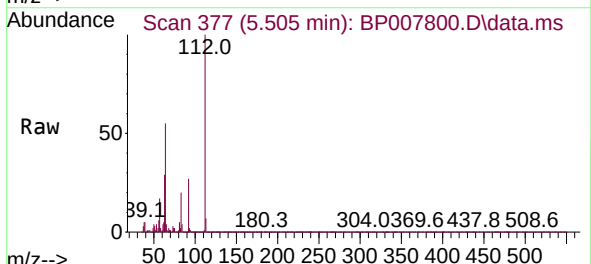
Instrument :
 BNA_P
 ClientSampleId :
 T4-EP04-NW

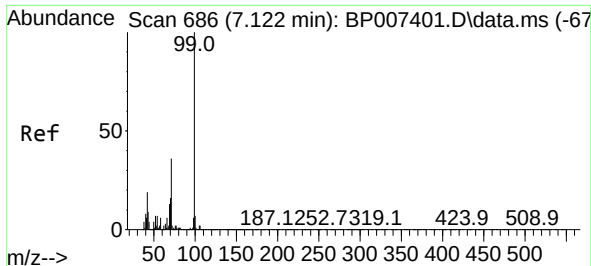
Tgt Ion:152 Resp: 170863
 Ion Ratio Lower Upper
 152 100
 150 160.0 124.1 186.1
 115 61.4 48.1 72.1



#5
 2-Fluorophenol
 Concen: 95.256 ng
 RT: 5.505 min Scan# 377
 Delta R.T. -0.000 min
 Lab File: BP007800.D
 Acq: 01 Nov 2021 20:05

Tgt Ion:112 Resp: 981977
 Ion Ratio Lower Upper
 112 100
 64 54.7 46.6 70.0
 63 28.7 25.0 37.6





#7

Phenol-d6

Concen: 88.529 ng

RT: 7.093 min Scan# 64

Delta R.T. -0.006 min

Lab File: BP007800.D

Acq: 01 Nov 2021 20:05

Instrument :

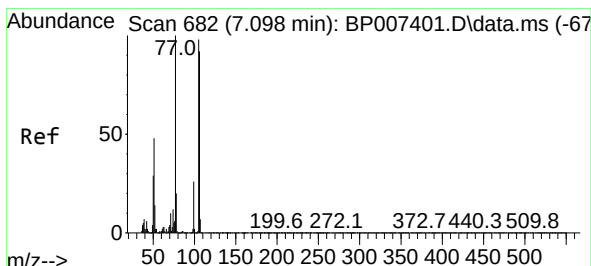
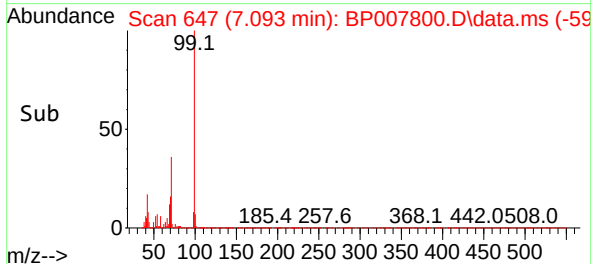
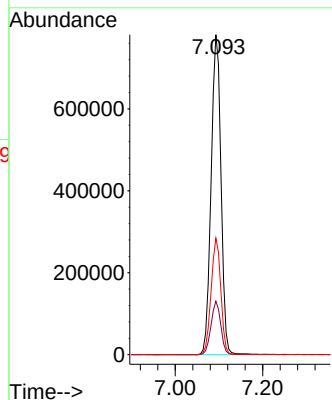
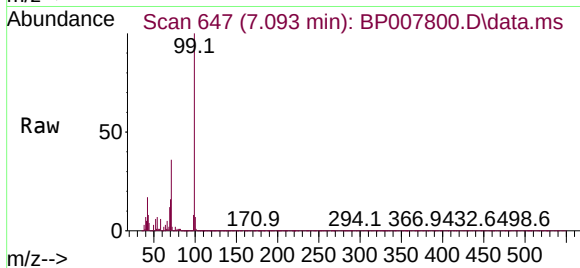
BNA_P

ClientSampleId :

T4-EP04-NW

Tgt Ion: 99 Resp: 1229572

Ion	Ratio	Lower	Upper
99	100		
42	16.7	14.9	22.3
71	36.4	29.2	43.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.052 min Scan# 640

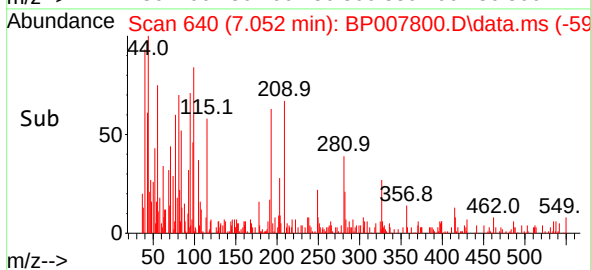
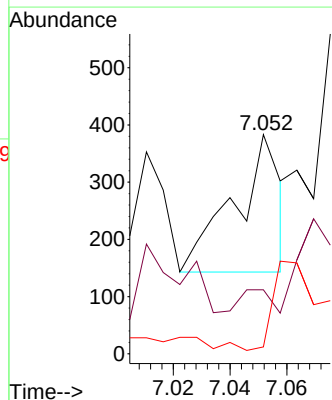
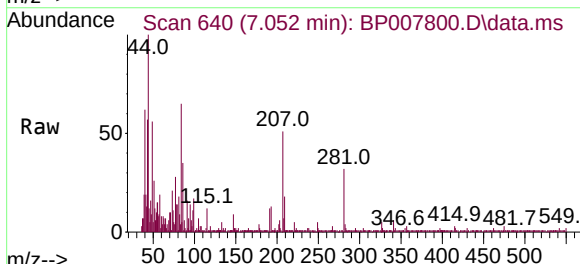
Delta R.T. -0.012 min

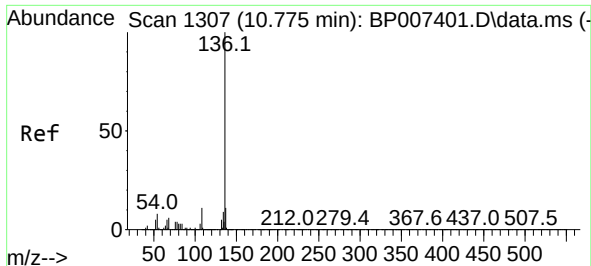
Lab File: BP007800.D

Acq: 01 Nov 2021 20:05

Tgt Ion: 77 Resp: 271

Ion	Ratio	Lower	Upper
77	100		
105	29.2	77.5	117.5#
106	3.1	72.1	112.1#

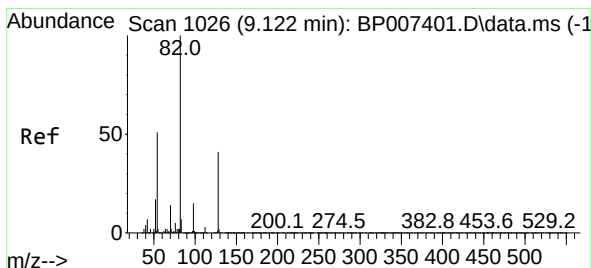
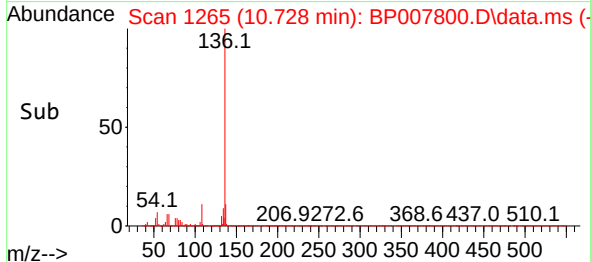
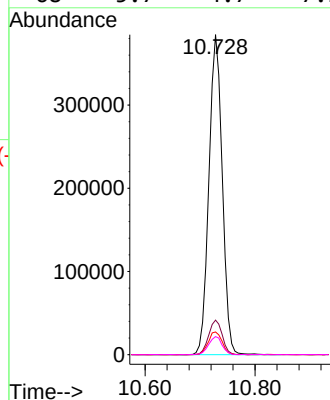
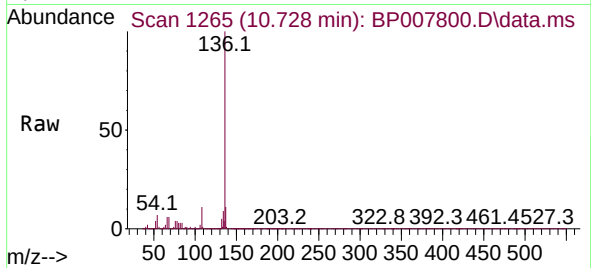




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

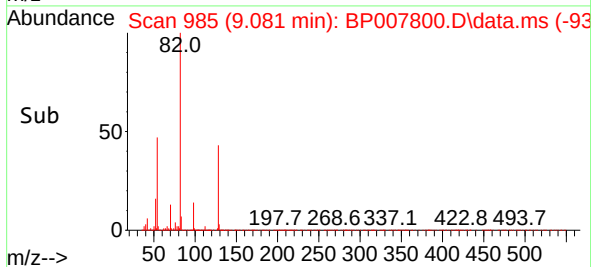
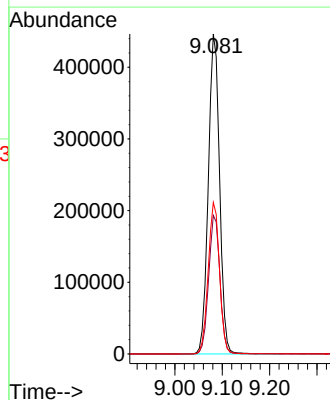
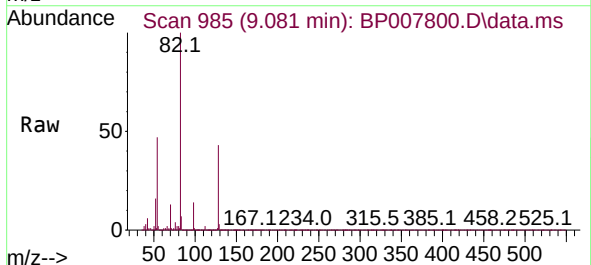
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

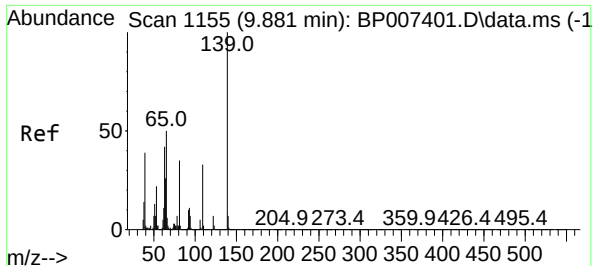
Tgt Ion:	136	Resp:	648220
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	6.2	9.4
68	5.7	4.7	7.1



#23
Nitrobenzene-d5
Concen: 70.057 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:	82	Resp:	735853
Ion	Ratio	Lower	Upper
82	100		
128	43.3	32.6	48.8
54	47.3	40.4	60.6

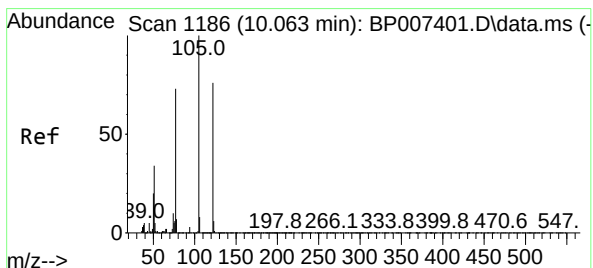
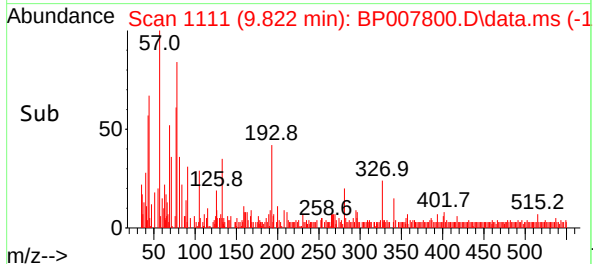
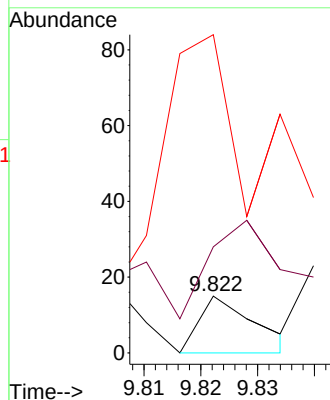
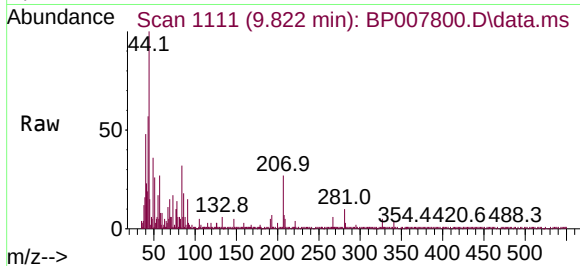




#26
2-Nitrophenol
Concen: 3.969 ng
RT: 9.822 min Scan# 1155
Delta R.T. -0.024 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

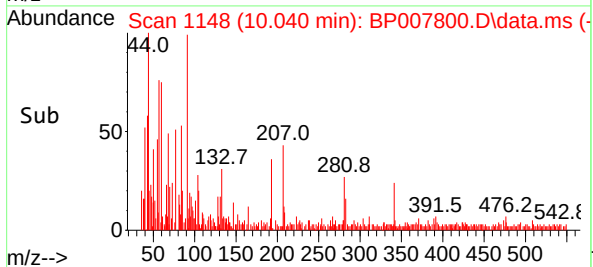
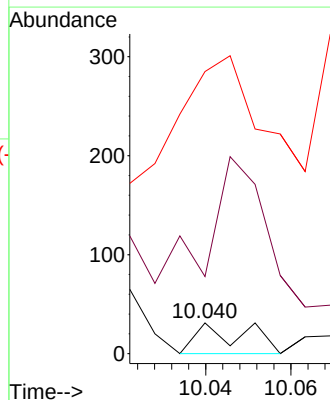
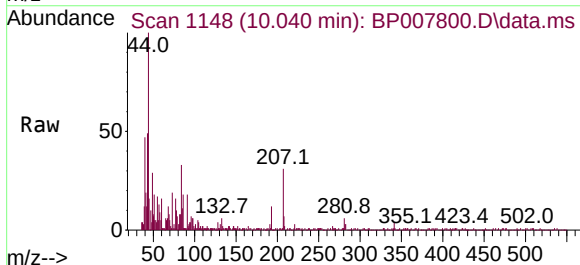
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

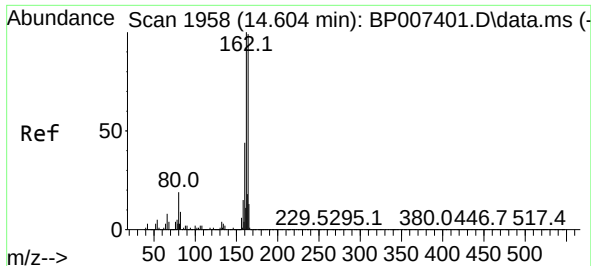
Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 186.7 26.2 39.2#
65 560.0 40.3 60.5#



#32
Benzoic acid
Concen: 6.497 ng
RT: 10.040 min Scan# 1148
Delta R.T. -0.018 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:122 Resp: 25
Ion Ratio Lower Upper
122 100
105 287.1 105.9 145.9#
77 919.4 74.6 114.6#

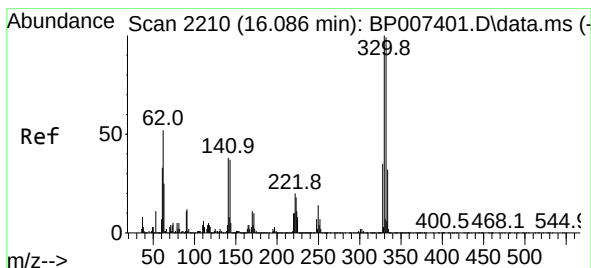
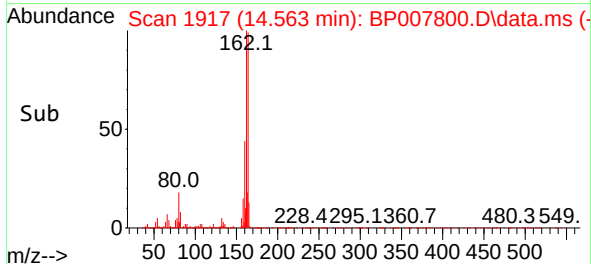
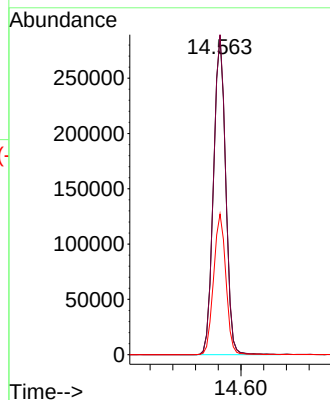
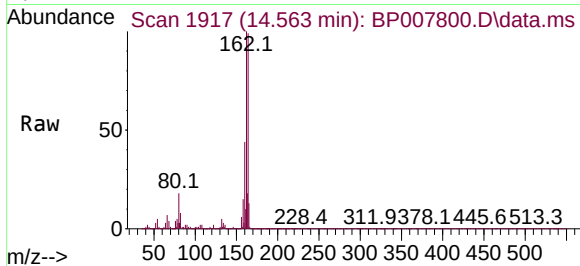




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1958
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

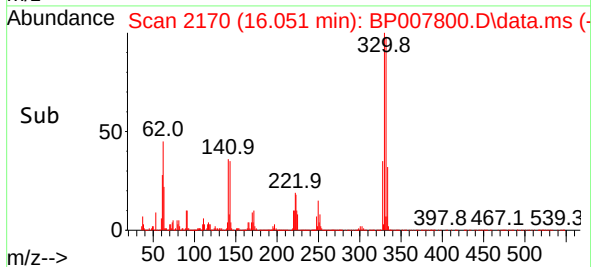
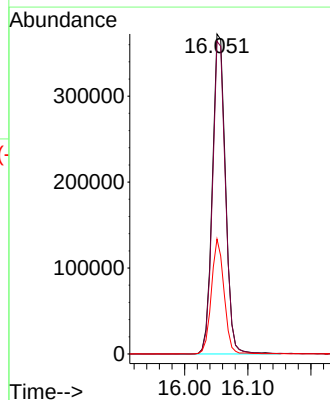
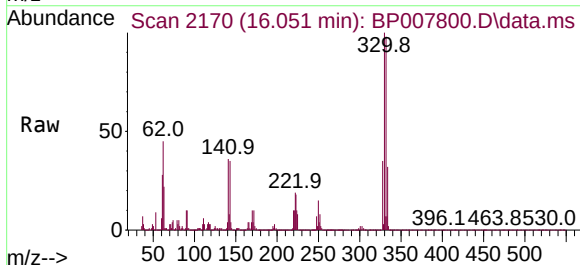
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

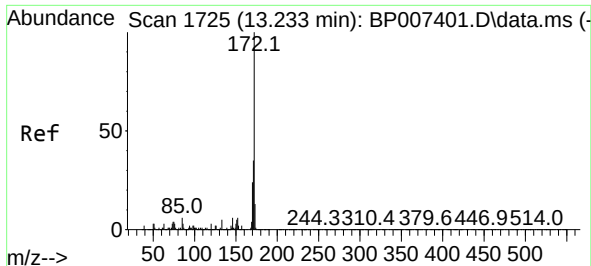
Tgt Ion:164 Resp: 425955
Ion Ratio Lower Upper
164 100
162 100.6 81.1 121.7
160 44.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 121.296 ng
RT: 16.051 min Scan# 2170
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:330 Resp: 536290
Ion Ratio Lower Upper
330 100
332 96.8 78.9 118.3
141 34.9 30.7 46.1

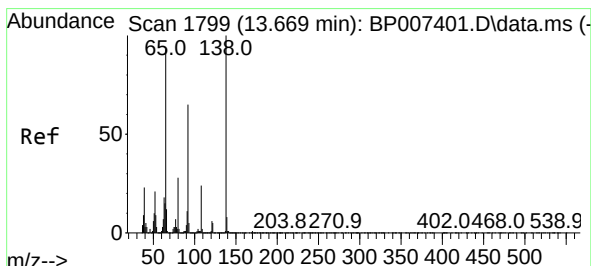
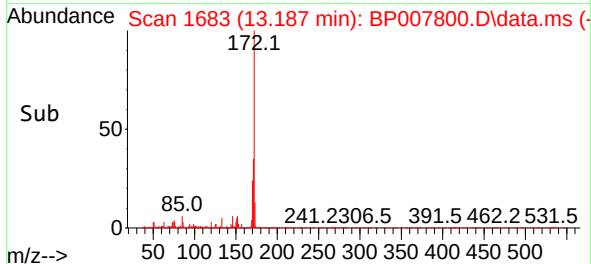
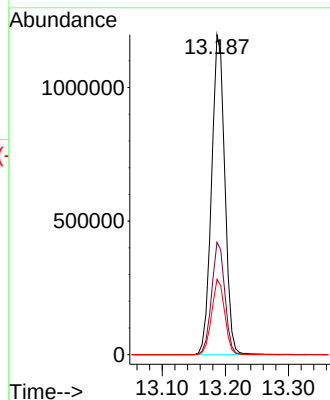
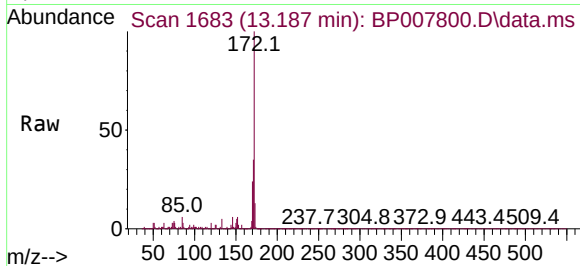




#45
2-Fluorobiphenyl
Concen: 62.614 ng
RT: 13.187 min Scan# 1755
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

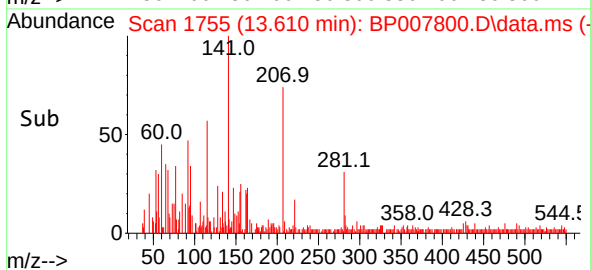
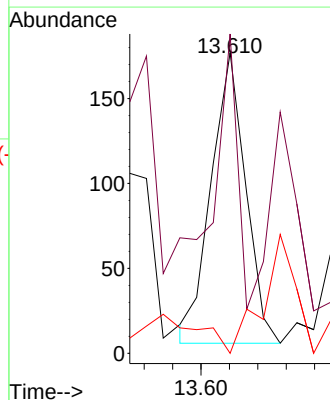
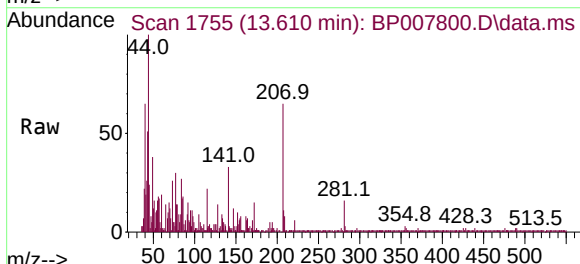
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

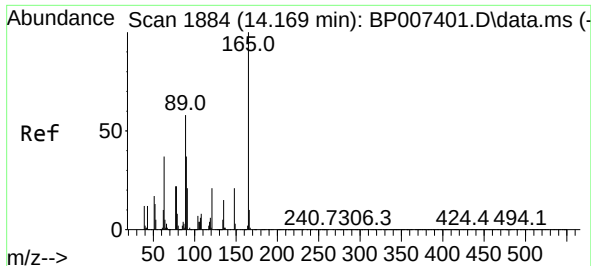
Tgt Ion:172 Resp: 1744868
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.2
170 23.5 19.0 28.4



#48
2-Nitroaniline
Concen: 3.922 ng
RT: 13.610 min Scan# 1755
Delta R.T. -0.035 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion: 65 Resp: 144
Ion Ratio Lower Upper
65 100
92 105.0 55.9 83.9#
138 0.0 86.3 129.5#

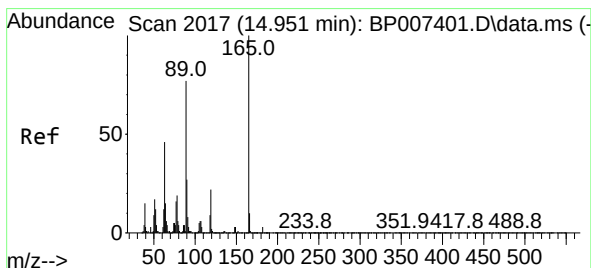
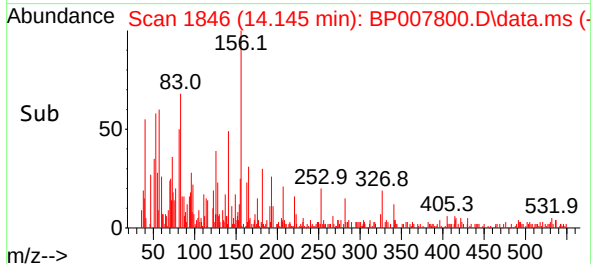
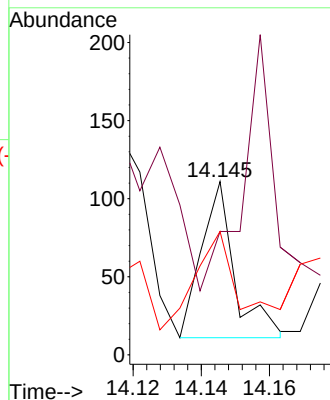
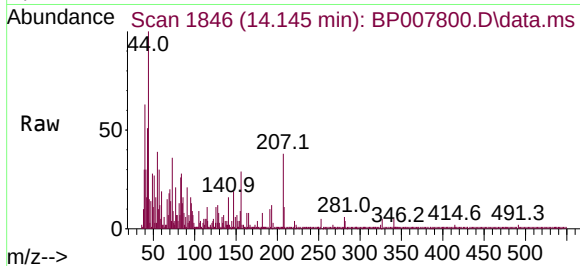




#51
2,6-Dinitrotoluene
Concen: 2.181 ng
RT: 14.145 min Scan# 1884
Delta R.T. -0.000 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

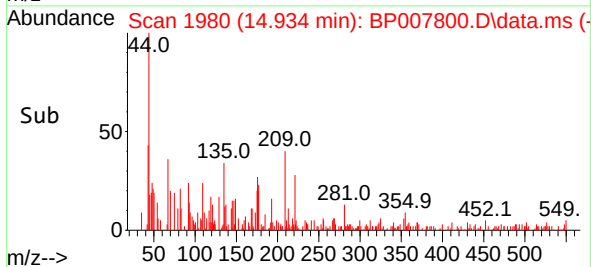
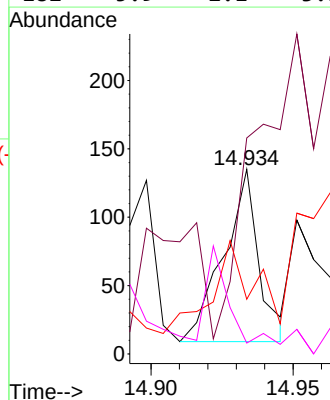
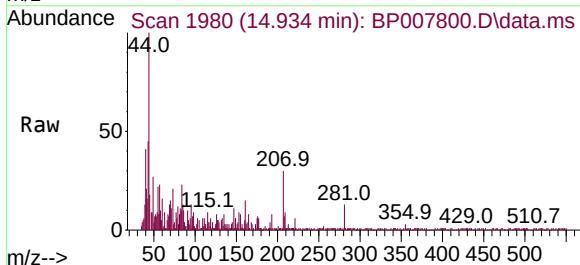
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

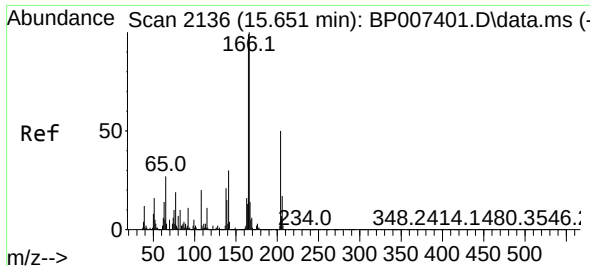
Tgt Ion:165 Resp: 68
Ion Ratio Lower Upper
165 100
63 71.2 44.2 66.2#
89 71.2 46.6 70.0#



#57
2,4-Dinitrotoluene
Concen: 3.519 ng
RT: 14.934 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:165 Resp: 109
Ion Ratio Lower Upper
165 100
63 117.0 37.4 56.0#
89 29.6 61.8 92.6#
182 5.9 2.1 3.1#

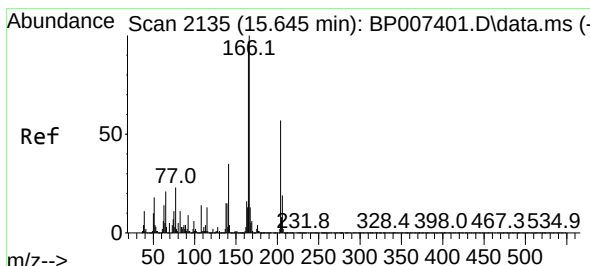
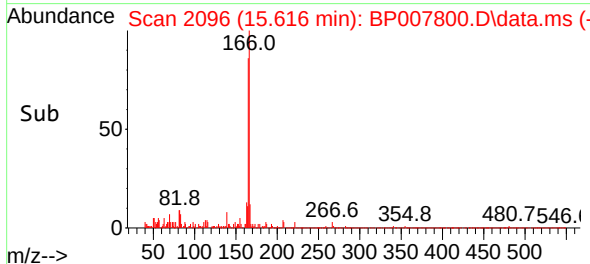
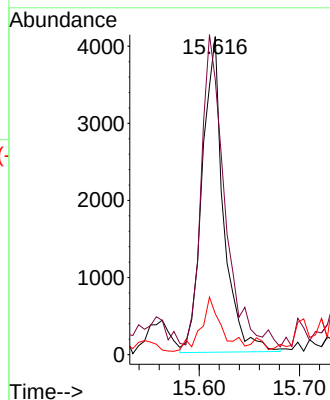
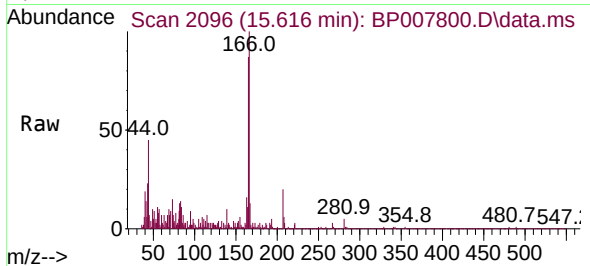




#58
Fluorene
Concen: Below Cal
RT: 15.616 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

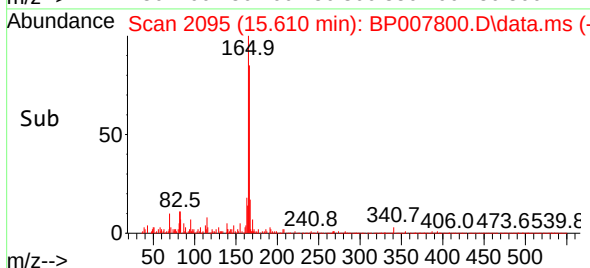
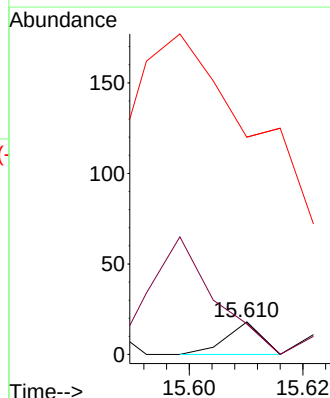
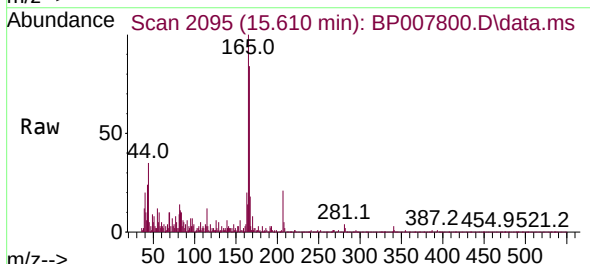
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

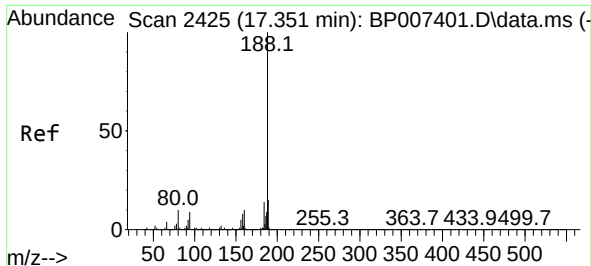
Tgt Ion:	166	Resp:	6040
Ion Ratio	Lower	Upper	
166	100		
165	86.5	78.9	118.3
167	12.9	10.9	16.3



#61
4-Chlorophenyl-phenylether
Concen: Below Cal
RT: 15.610 min Scan# 2095
Delta R.T. -0.006 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:	204	Resp:	8
Ion Ratio	Lower	Upper	
204	100		
206	94.4	25.8	38.8#
141	666.7	48.8	73.2#

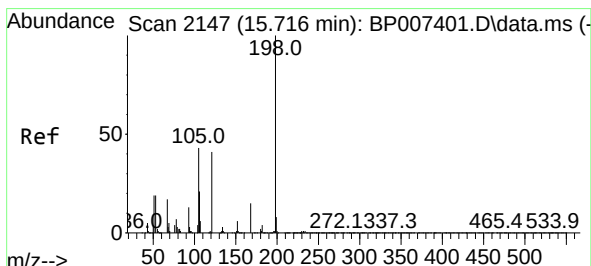
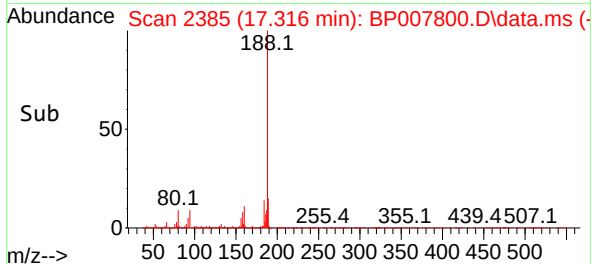
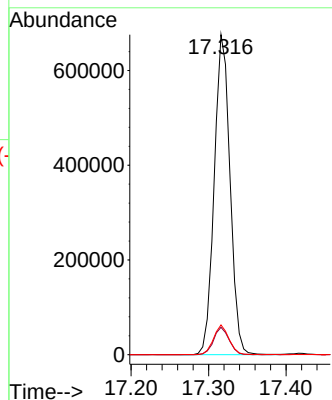
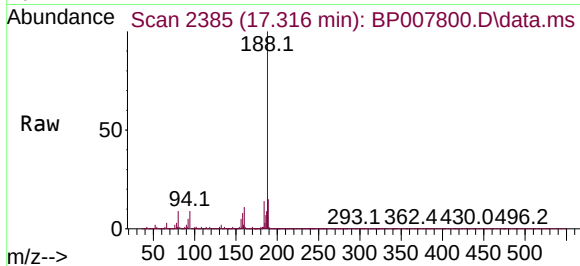




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

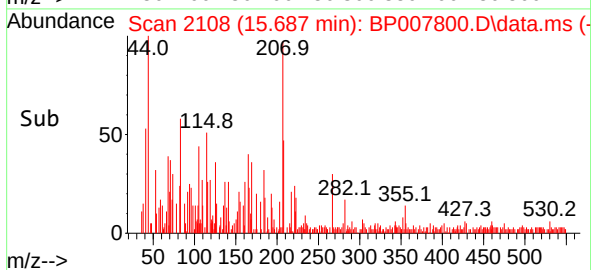
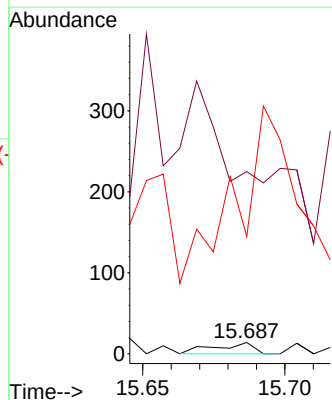
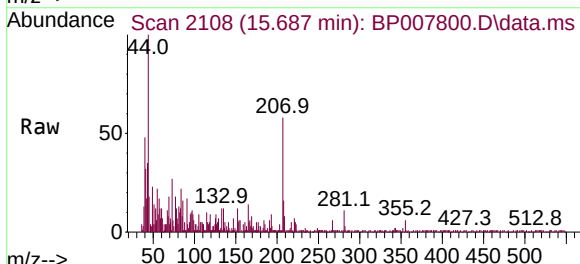
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

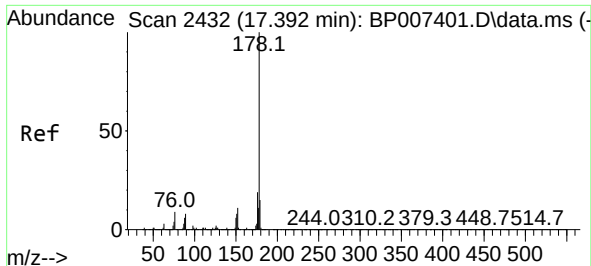
Tgt Ion:188 Resp: 956461
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.3 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 15.687 min Scan# 2108
Delta R.T. -0.018 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 1607.1 23.8 63.8#
105 1035.7 24.6 64.6#

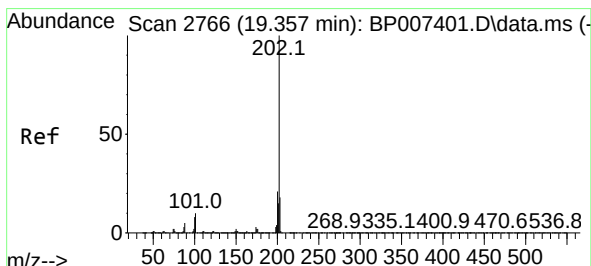
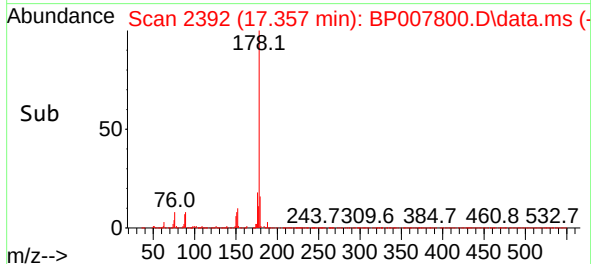
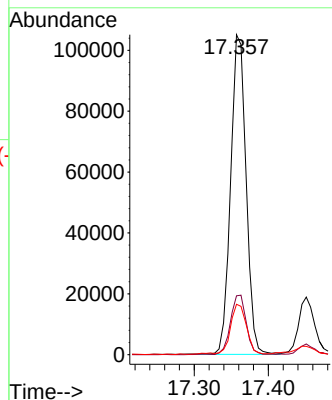
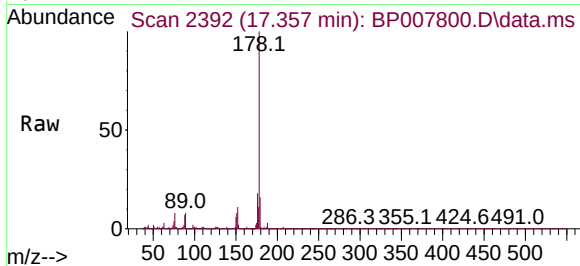




#71
Phenanthrene
Concen: 3.085 ng
RT: 17.357 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

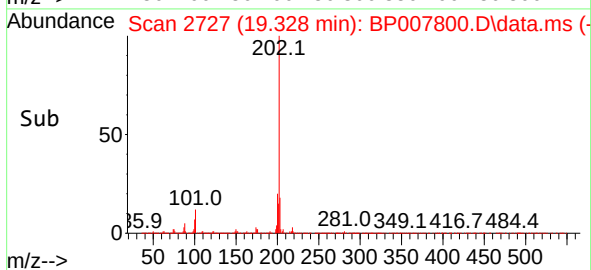
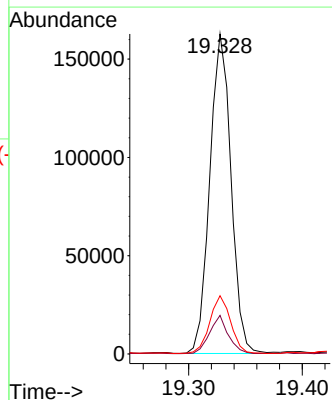
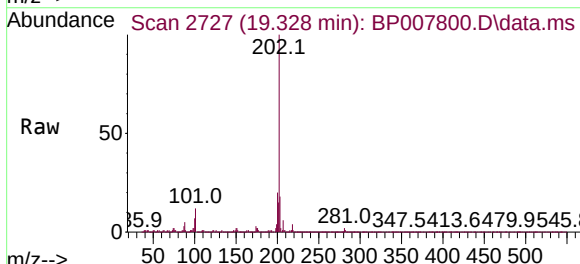
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

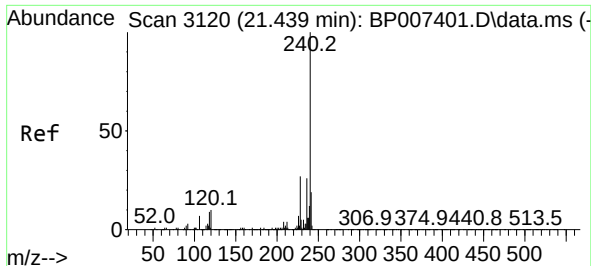
Tgt Ion:178 Resp: 152500
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.7 12.3 18.5



#75
Fluoranthene
Concen: 3.527 ng
RT: 19.328 min Scan# 2727
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:202 Resp: 211335
Ion Ratio Lower Upper
202 100
101 12.0 0.0 30.4
203 18.2 0.0 37.6

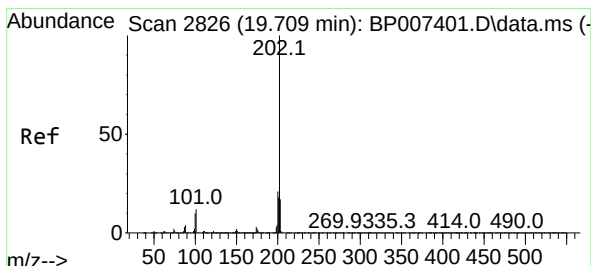
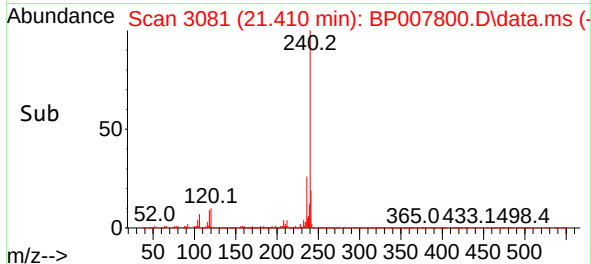
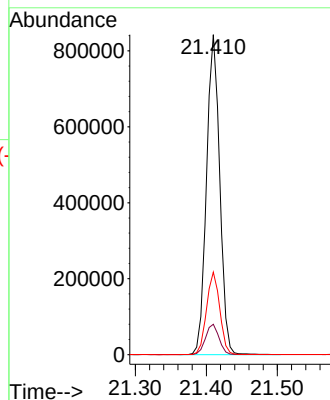
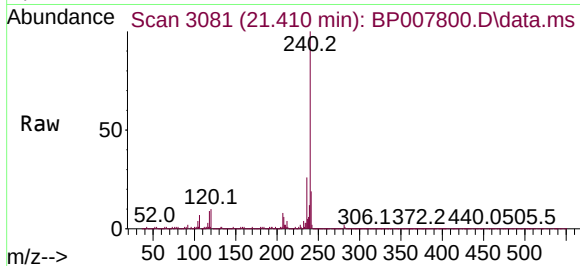




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

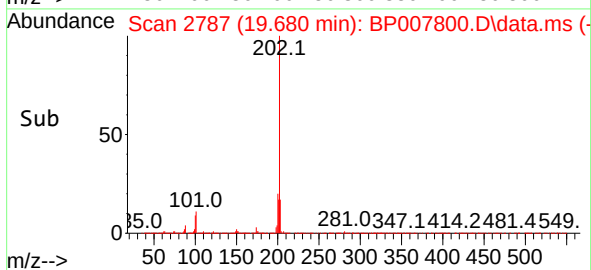
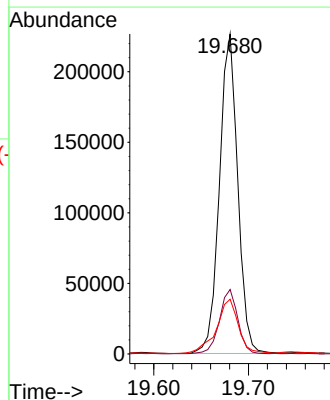
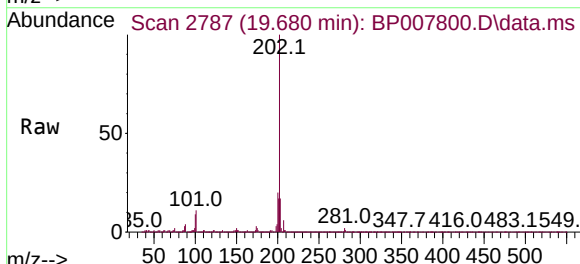
Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

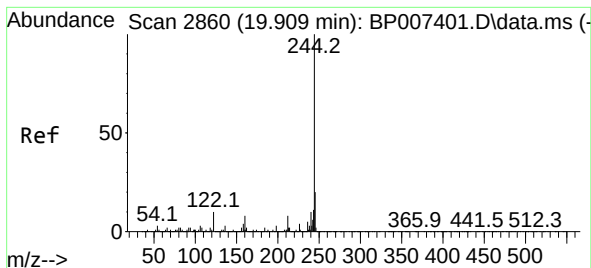
Tgt Ion:240 Resp: 1091880
Ion Ratio Lower Upper
240 100
120 9.5 7.8 11.8
236 25.8 20.6 30.8



#78
Pyrene
Concen: 4.209 ng
RT: 19.680 min Scan# 2787
Delta R.T. -0.012 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:202 Resp: 304508
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 17.1 13.8 20.6





#79

Terphenyl-d14

Concen: 53.177 ng

RT: 19.880 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP007800.D

Acq: 01 Nov 2021 20:05

Instrument :

BNA_P

ClientSampleId :

T4-EP04-NW

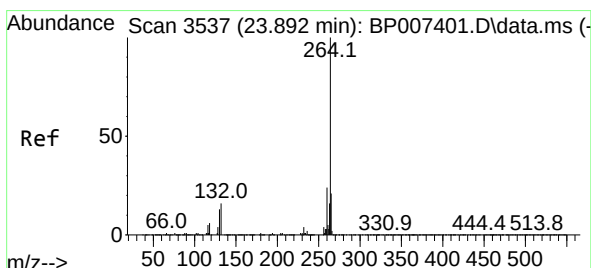
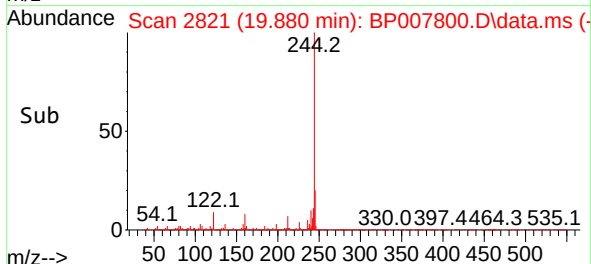
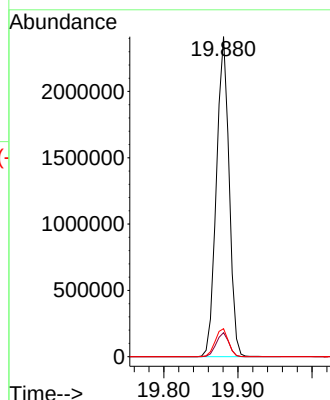
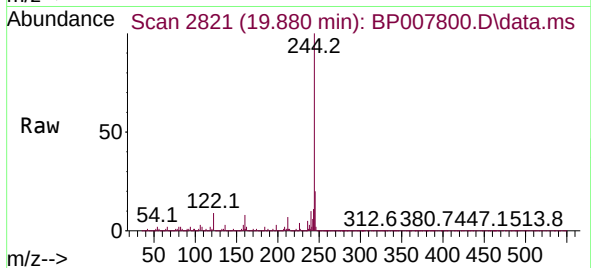
Tgt Ion:244 Resp: 2866746

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

122 8.8 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3496

Delta R.T. -0.018 min

Lab File: BP007800.D

Acq: 01 Nov 2021 20:05

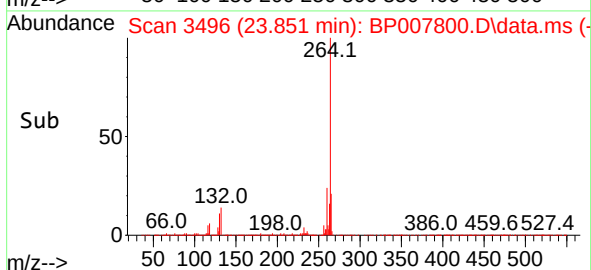
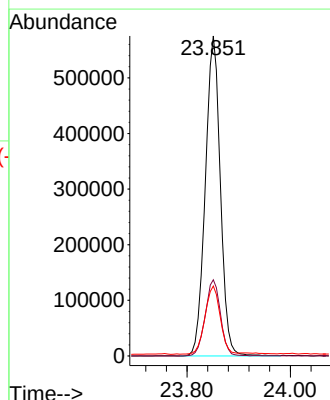
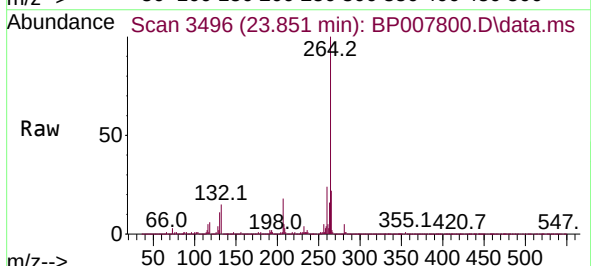
Tgt Ion:264 Resp: 1162189

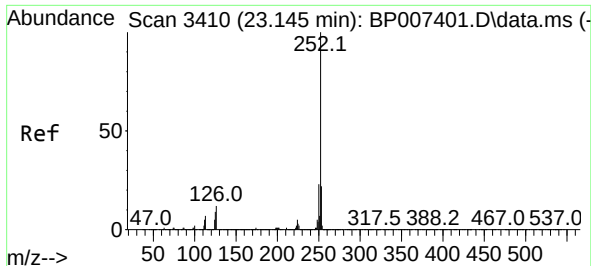
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.9 16.7 25.1

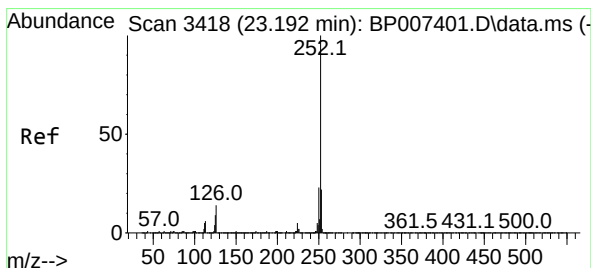
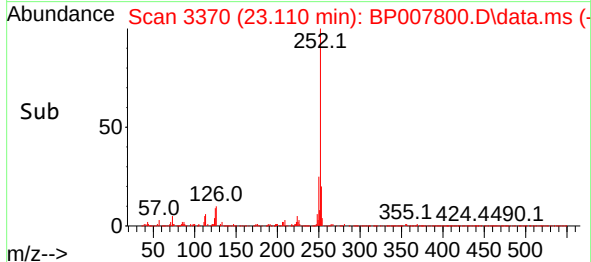
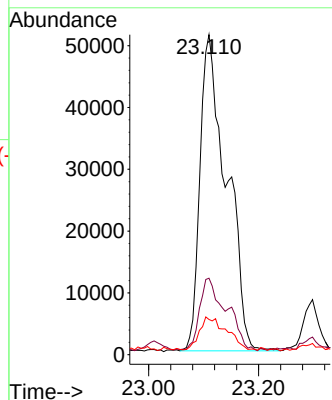
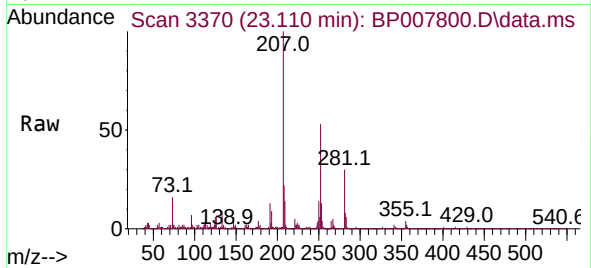




#88
Benzo(b)fluoranthene
Concen: 2.488 ng
RT: 23.110 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Instrument :
BNA_P
ClientSampleId :
T4-EP04-NW

Tgt Ion:252 Resp: 171438
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.0 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 2.541 ng
RT: 23.110 min Scan# 3370
Delta R.T. -0.065 min
Lab File: BP007800.D
Acq: 01 Nov 2021 20:05

Tgt Ion:252 Resp: 171438
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 11.0 7.4 11.0

