

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
 Data File : BP007802.D
 Acq On : 01 Nov 2021 21:12
 Operator : CG/JU
 Sample : M4424-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 T2-B2-S

Quant Time: Nov 02 01:51:44 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)

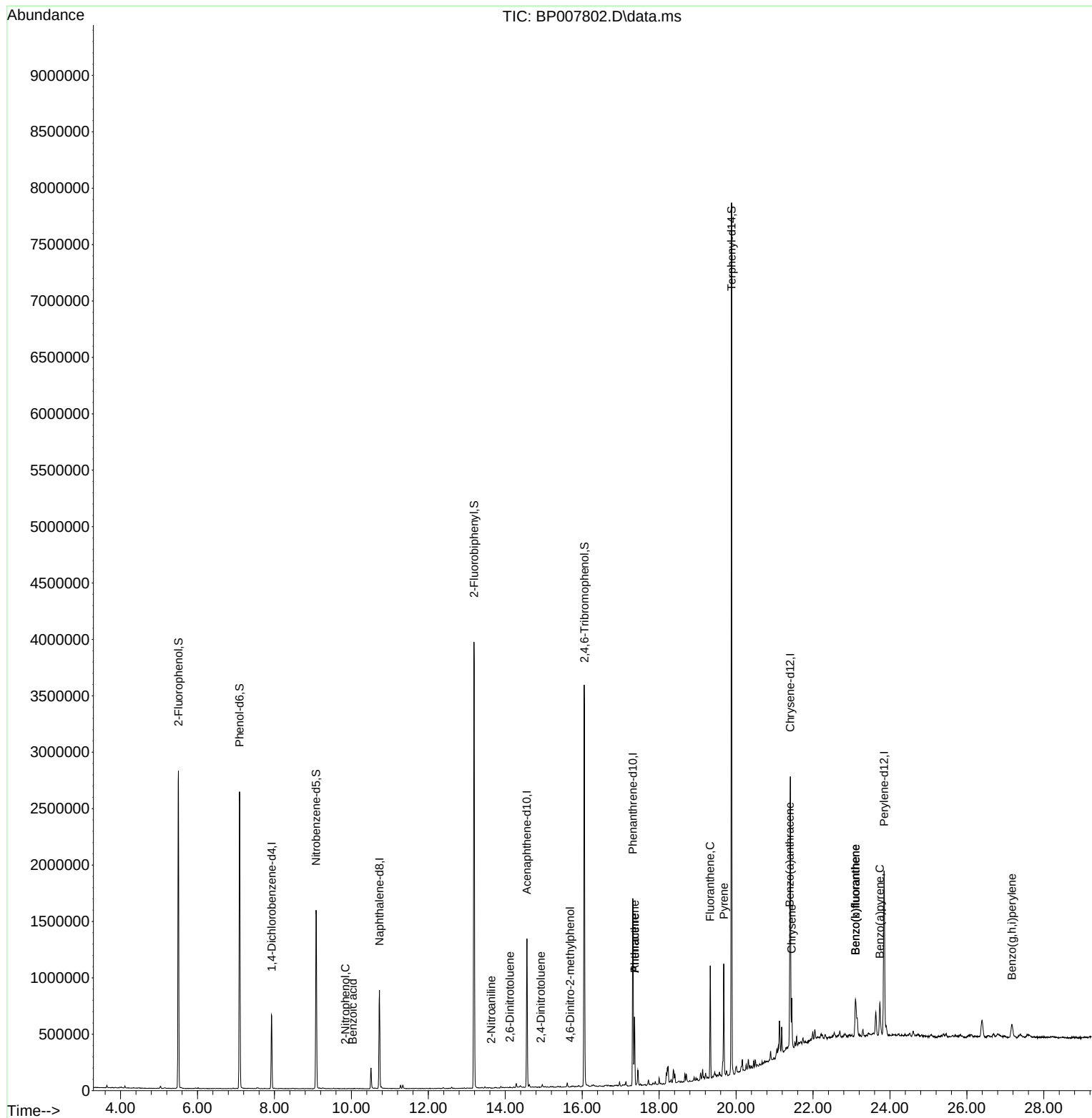
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	185030	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	719471	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	464459	20.000	ng	-0.01
64) Phenanthrene-d10	17.316	188	1020523	20.000	ng	-0.01
76) Chrysene-d12	21.410	240	1112531	20.000	ng	-0.01
86) Perylene-d12	23.845	264	1174252	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1227539	109.959	ng	0.00
7) Phenol-d6	7.093	99	1531826	101.847	ng	0.00
23) Nitrobenzene-d5	9.081	82	926079	79.436	ng	-0.01
42) 2,4,6-Tribromophenol	16.057	330	669887	138.952	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	2114210	69.578	ng	-0.01
79) Terphenyl-d14	19.881	244	3411693	62.111	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.099	77	3787	Below Cal	#	17
26) 2-Nitrophenol	9.846	139	64	3.979	ng	# 24
32) Benzoic acid	10.034	122	142	6.513	ng	# 51
48) 2-Nitroaniline	13.634	65	111	3.915	ng	# 7
51) 2,6-Dinitrotoluene	14.122	165	111	2.186	ng	# 60
57) 2,4-Dinitrotoluene	14.922	165	117	3.519	ng	# 72
58) Fluorene	15.610	166	14654	Below Cal		98
61) 4-Chlorophenyl-phenyle...	15.628	204	36	Below Cal	#	1
65) 4,6-Dinitro-2-methylph...	15.687	198	15	5.084	ng	# 1
71) Phenanthrene	17.363	178	382781	7.258	ng	99
72) Anthracene	17.363	178	382781	7.270	ng	99
75) Fluoranthene	19.328	202	582620	9.113	ng	99
78) Pyrene	19.681	202	575302	7.804	ng	99
81) Benzo(a)anthracene	21.392	228	257753	3.531	ng	98
83) Chrysene	21.445	228	252474	3.661	ng	98
88) Benzo(b)fluoranthene	23.104	252	317960	4.567	ng	97
89) Benzo(k)fluoranthene	23.104	252	317960	4.664	ng	97
90) Benzo(a)pyrene	23.739	252	225516	3.808	ng	98
92) Benzo(g,h,i)perylene	27.168	276	166012	2.403	ng	97

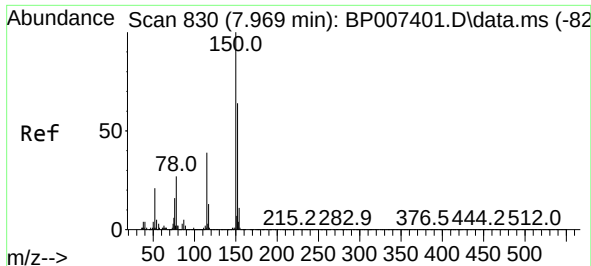
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110121\
Data File : BP007802.D
Acq On : 01 Nov 2021 21:12
Operator : CG/JU
Sample : M4424-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
T2-B2-S

Quant Time: Nov 02 01:51:44 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

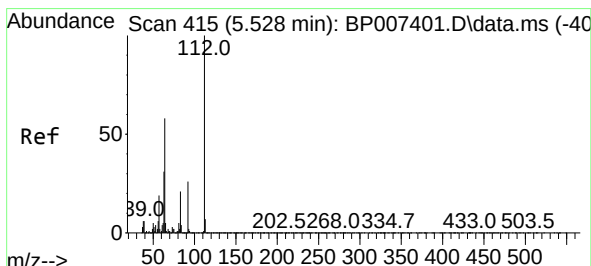
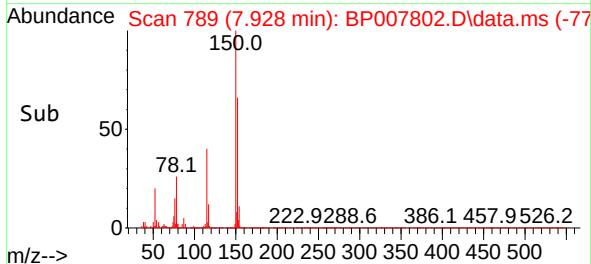
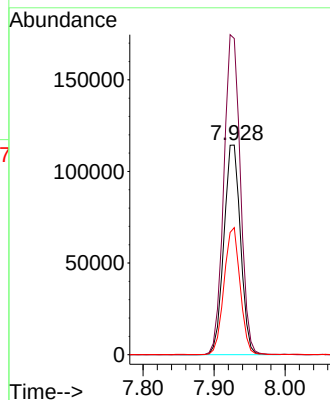
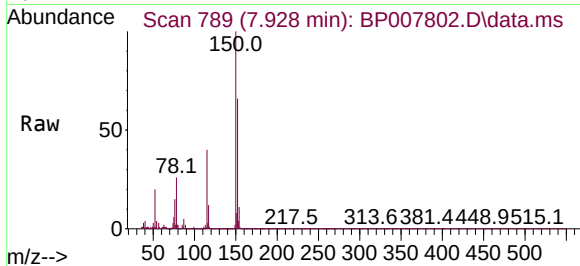




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

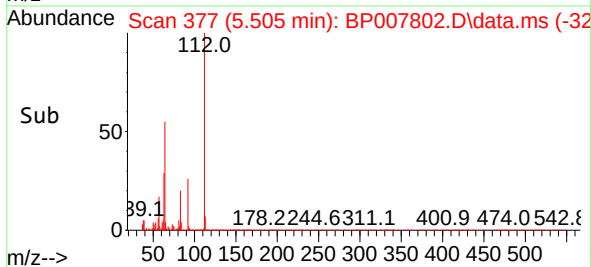
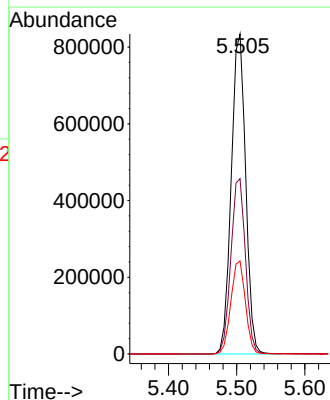
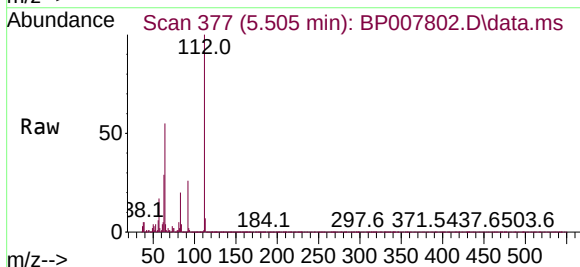
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

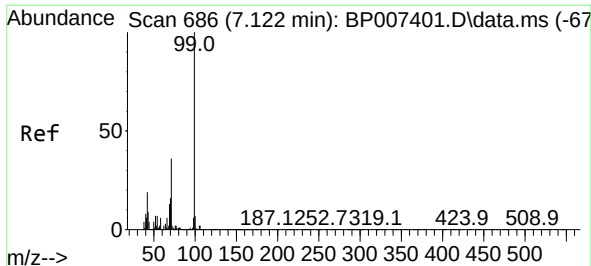
Tgt Ion:152 Resp: 185030
Ion Ratio Lower Upper
152 100
150 150.9 124.1 186.1
115 60.6 48.1 72.1



#5
2-Fluorophenol
Concen: 109.959 ng
RT: 5.505 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:112 Resp: 1227539
Ion Ratio Lower Upper
112 100
64 54.8 46.6 70.0
63 29.1 25.0 37.6

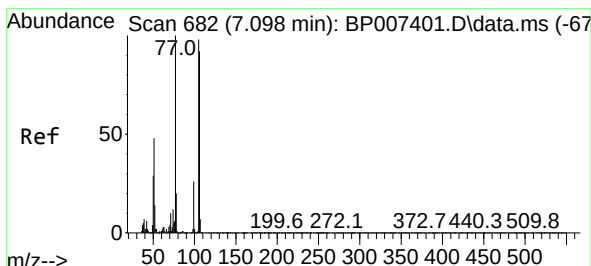
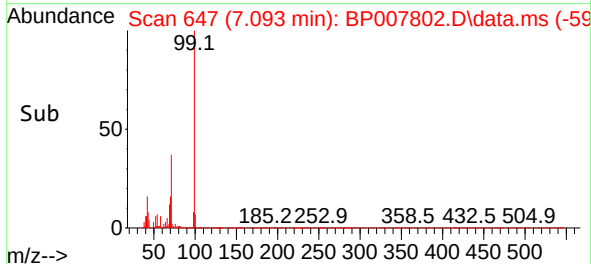
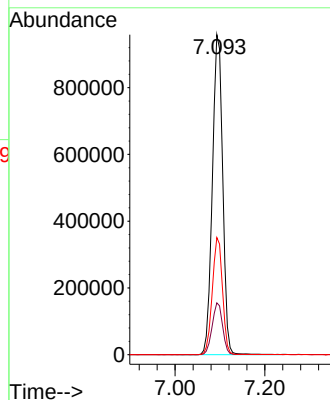
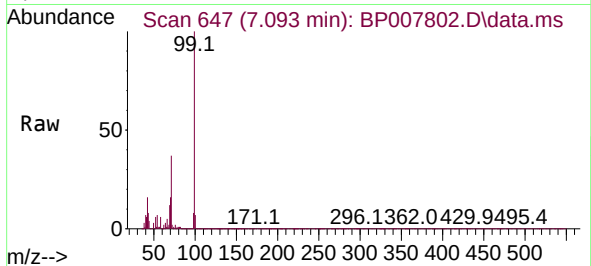




#7
Phenol-d6
Concen: 101.847 ng
RT: 7.093 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

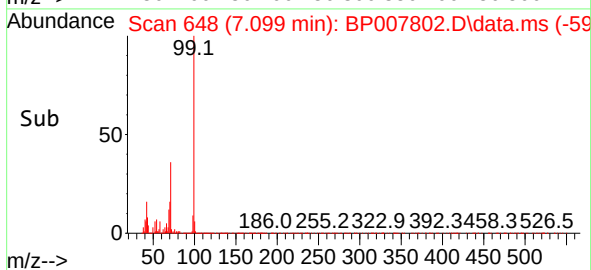
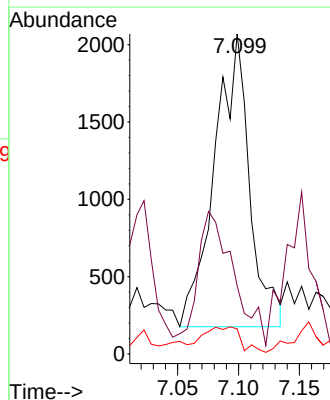
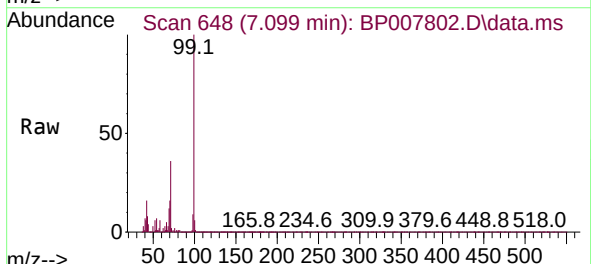
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

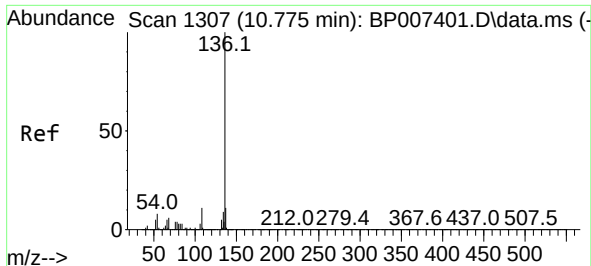
Tgt Ion: 99 Resp: 1531826
Ion Ratio Lower Upper
99 100
42 16.2 14.9 22.3
71 36.6 29.2 43.8



#9
Benzaldehyde
Concen: Below Cal
RT: 7.099 min Scan# 648
Delta R.T. 0.035 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 77 Resp: 3787
Ion Ratio Lower Upper
77 100
105 21.3 77.5 117.5#
106 7.9 72.1 112.1#

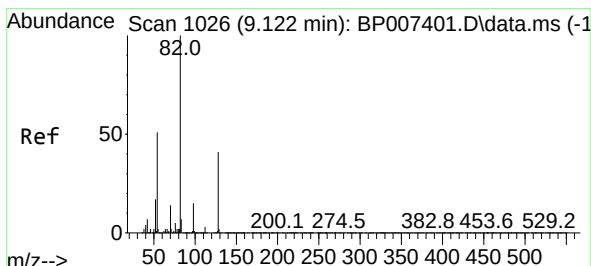
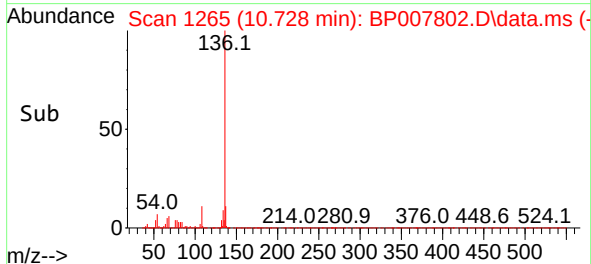
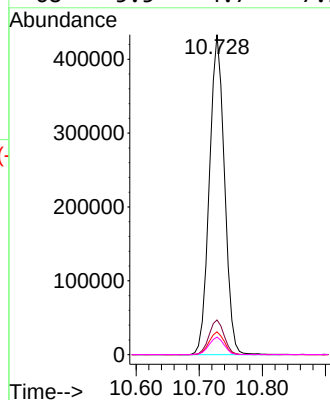
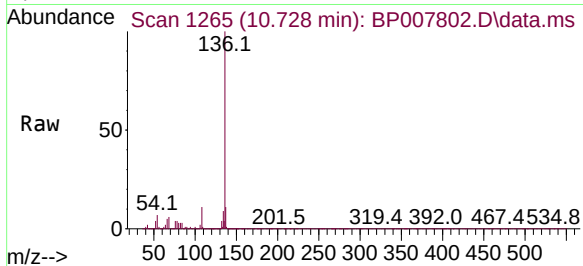




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

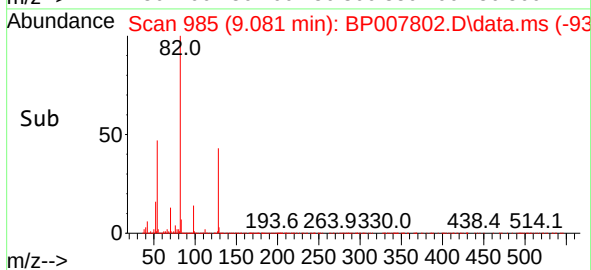
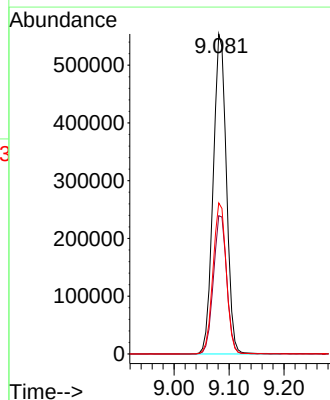
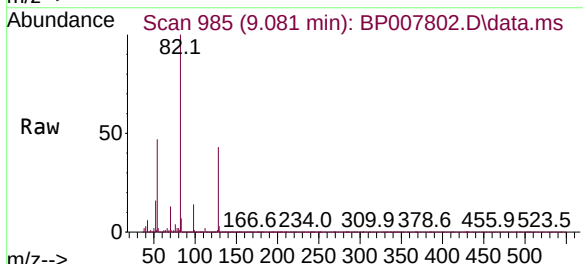
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

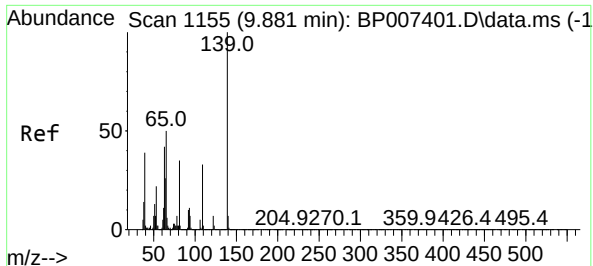
Tgt Ion:	136	Resp:	719471
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	7.1	6.2	9.4
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 79.436 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:	82	Resp:	926079
Ion Ratio	Lower	Upper	
82	100		
128	43.2	32.6	48.8
54	47.2	40.4	60.6

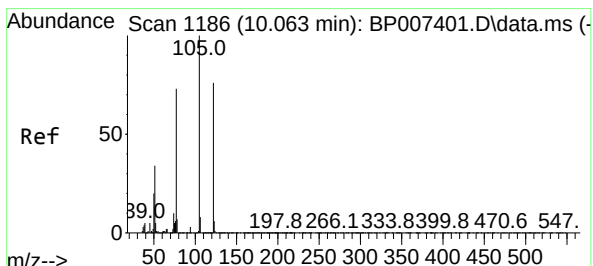
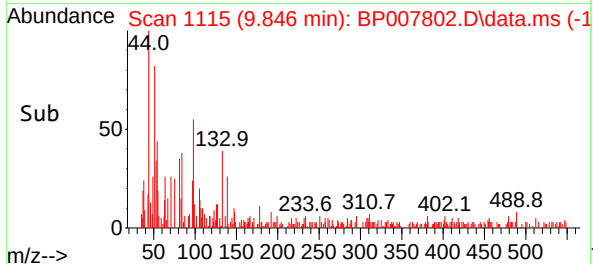
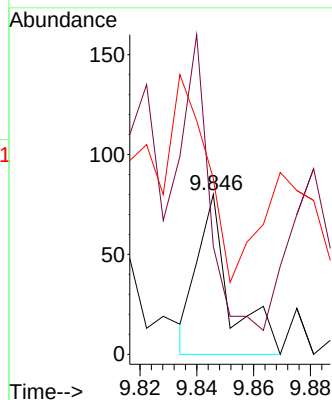
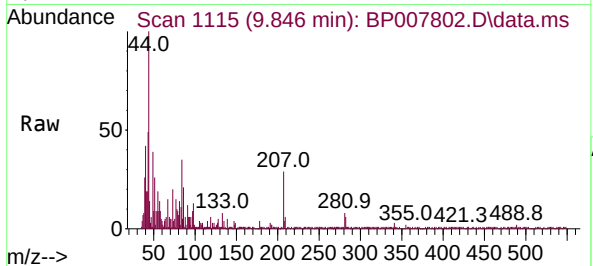




#26
2-Nitrophenol
Concen: 3.979 ng
RT: 9.846 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

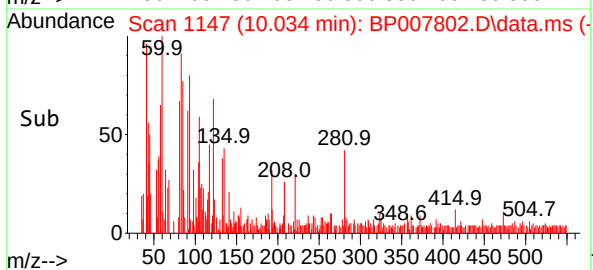
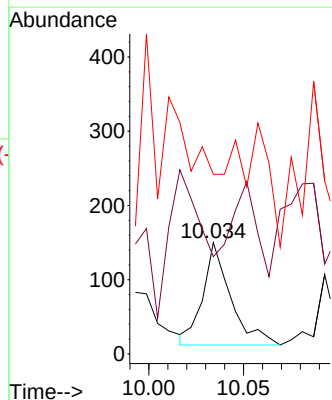
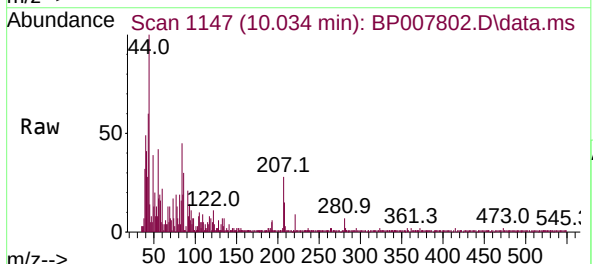
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

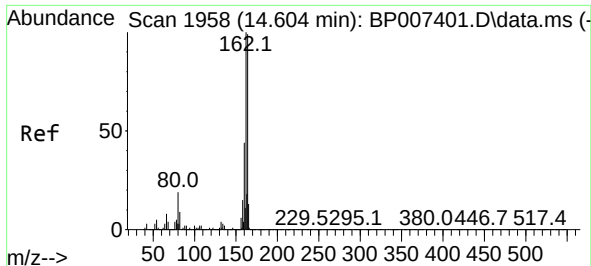
Tgt Ion:139 Resp: 64
Ion Ratio Lower Upper
139 100
109 62.1 26.2 39.2#
65 113.8 40.3 60.5#



#32
Benzoic acid
Concen: 6.513 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:122 Resp: 142
Ion Ratio Lower Upper
122 100
105 87.3 105.9 145.9#
77 161.3 74.6 114.6#

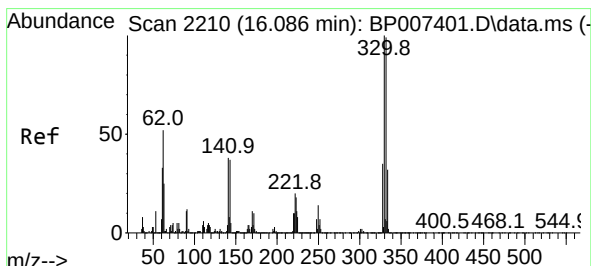
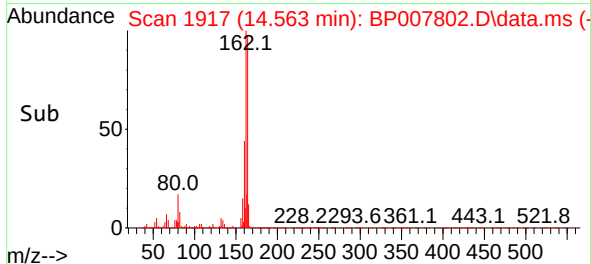
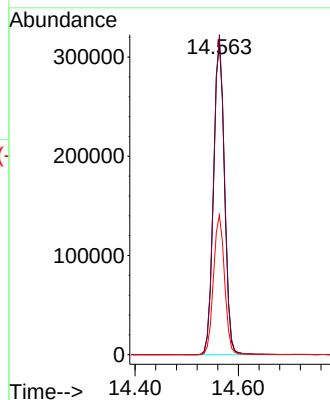
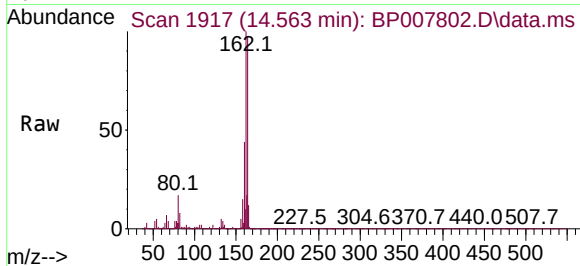




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

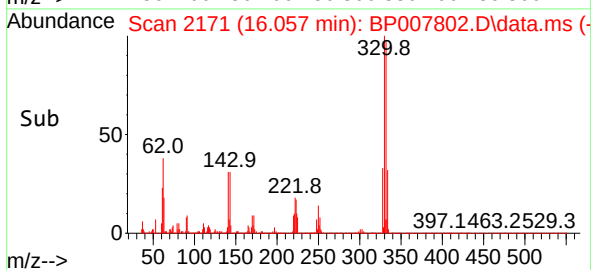
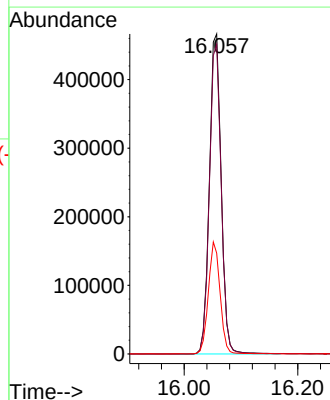
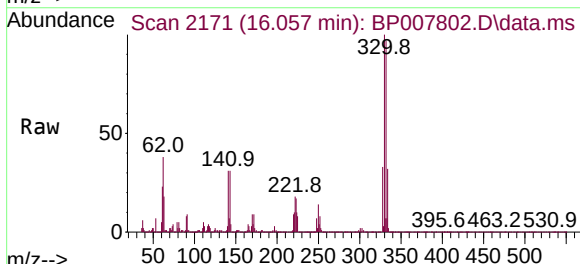
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

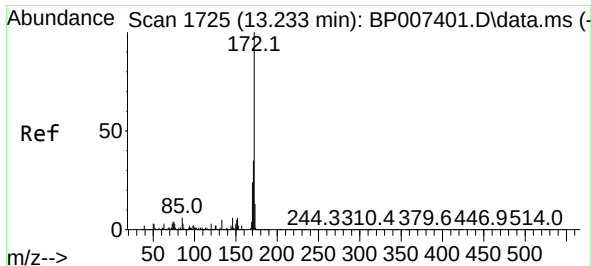
Tgt Ion:164 Resp: 464459
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 45.0 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 138.952 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.006 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:330 Resp: 669887
Ion Ratio Lower Upper
330 100
332 96.8 78.9 118.3
141 34.8 30.7 46.1

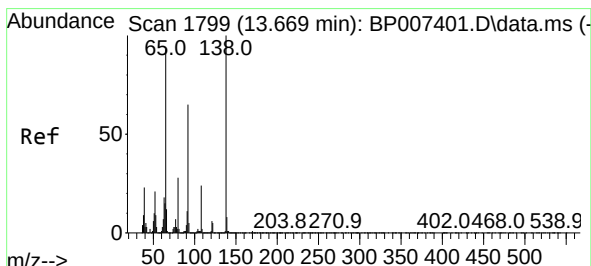
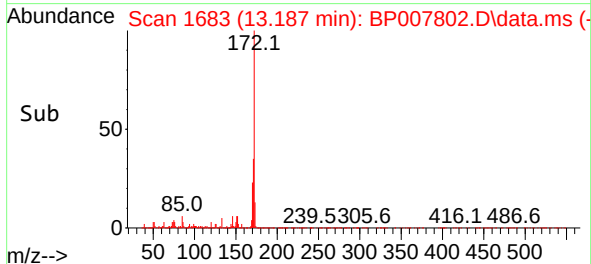
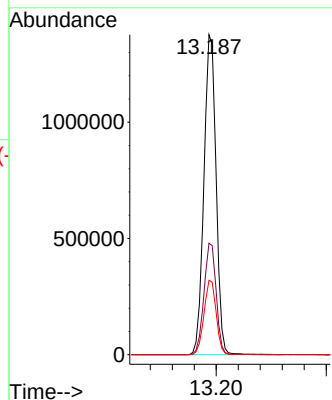
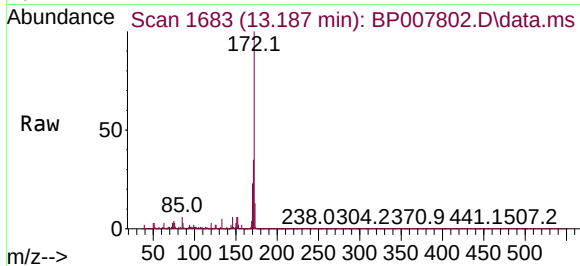




#45
2-Fluorobiphenyl
Concen: 69.578 ng
RT: 13.187 min Scan# 1718
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

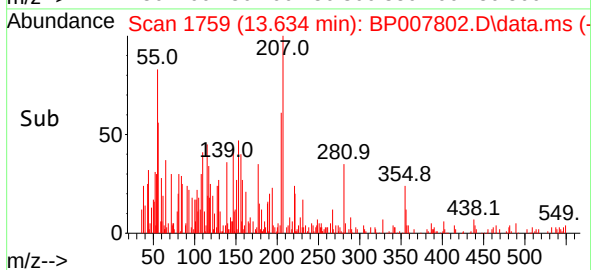
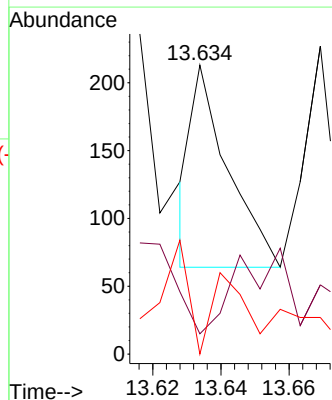
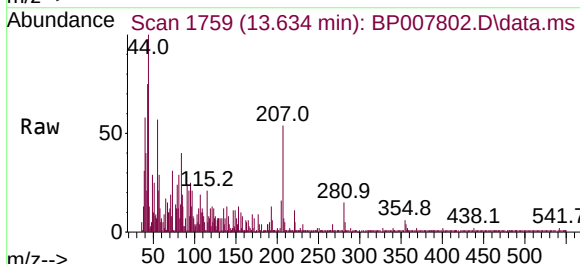
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

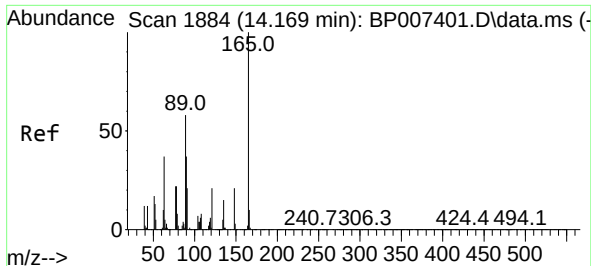
Tgt Ion:172 Resp: 2114210
Ion Ratio Lower Upper
172 100
171 34.9 28.2 42.2
170 23.2 19.0 28.4



#48
2-Nitroaniline
Concen: 3.915 ng
RT: 13.634 min Scan# 1759
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 7.0 55.9 83.9#
138 0.0 86.3 129.5#

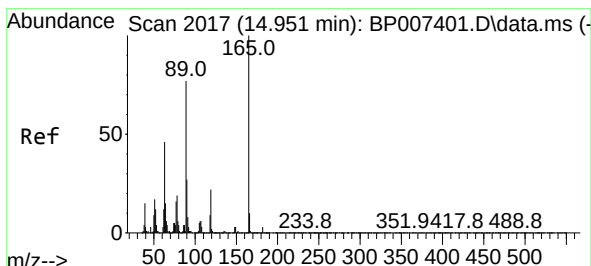
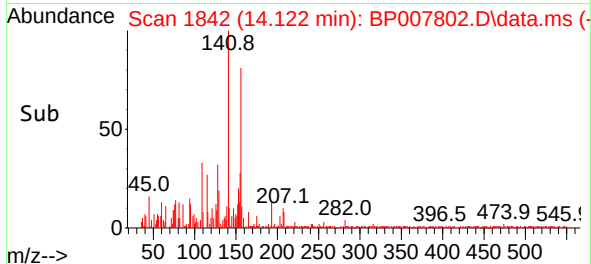
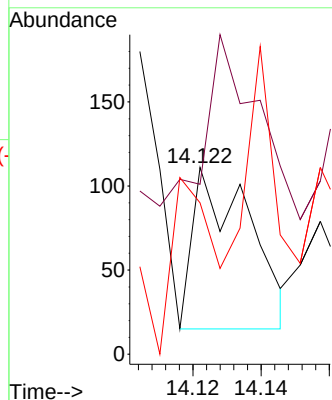
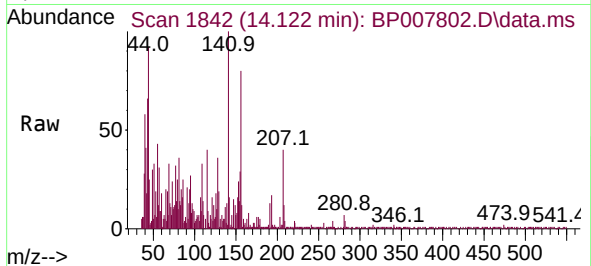




#51
2,6-Dinitrotoluene
Concen: 2.186 ng
RT: 14.122 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

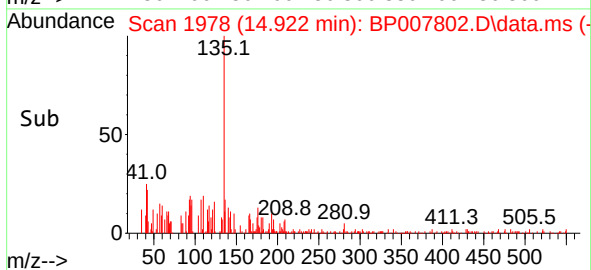
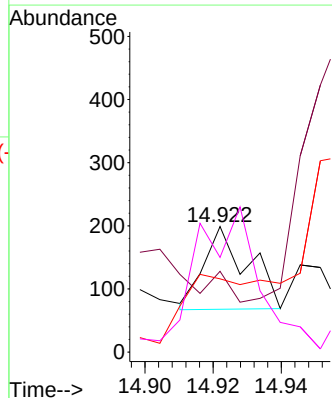
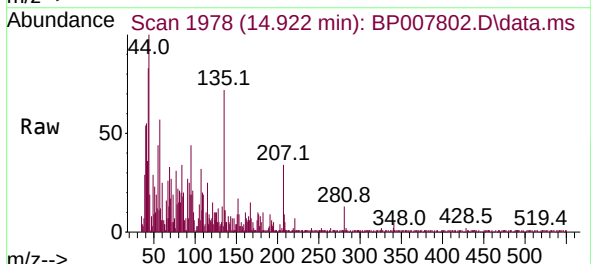
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

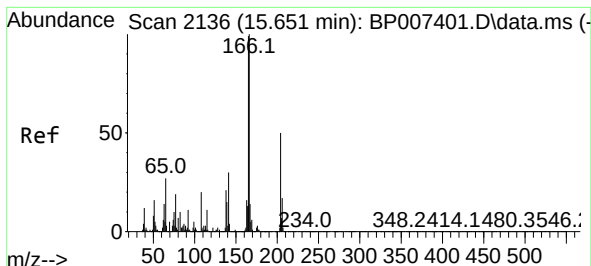
Tgt Ion:165 Resp: 111
Ion Ratio Lower Upper
165 100
63 91.0 44.2 66.2#
89 81.1 46.6 70.0#



#57
2,4-Dinitrotoluene
Concen: 3.519 ng
RT: 14.922 min Scan# 1978
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:165 Resp: 117
Ion Ratio Lower Upper
165 100
63 64.3 37.4 56.0#
89 58.3 61.8 92.6#
182 75.4 2.1 3.1#





#58

Fluorene

Concen: Below Cal

RT: 15.610 min Scan# 2095

Delta R.T. -0.012 min

Lab File: BP007802.D

Acq: 01 Nov 2021 21:12

Instrument :

BNA_P

ClientSampleId :

T2-B2-S

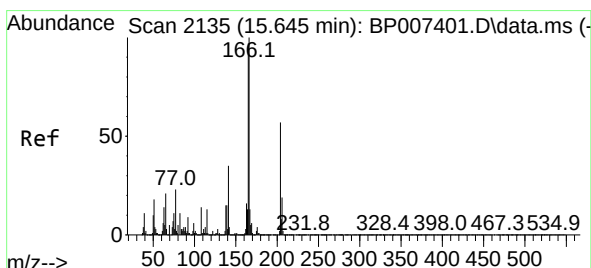
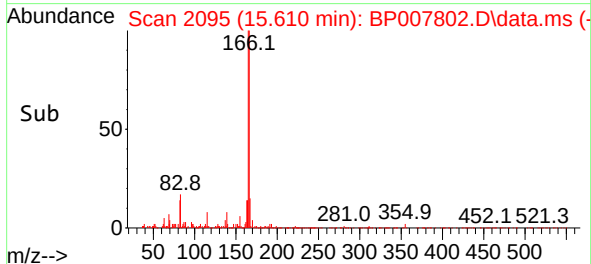
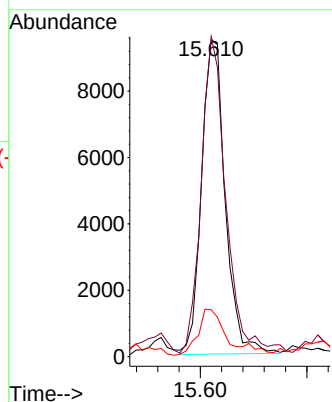
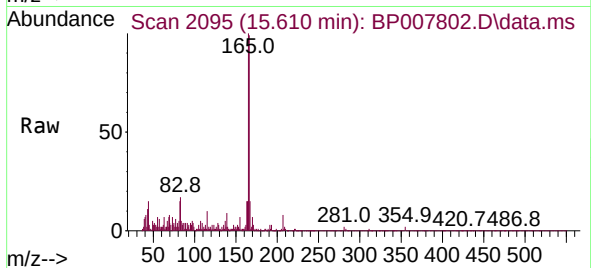
Tgt Ion:166 Resp: 14654

Ion Ratio Lower Upper

166 100

165 100.8 78.9 118.3

167 14.8 10.9 16.3



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 15.628 min Scan# 2098

Delta R.T. 0.012 min

Lab File: BP007802.D

Acq: 01 Nov 2021 21:12

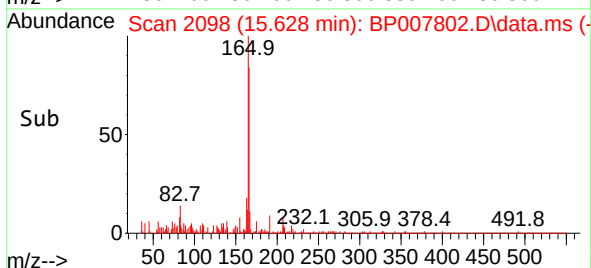
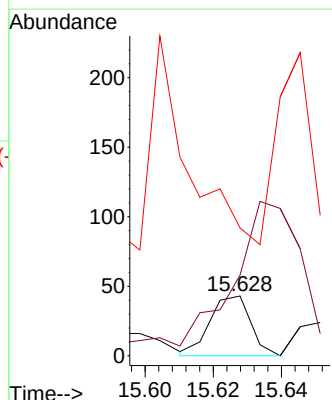
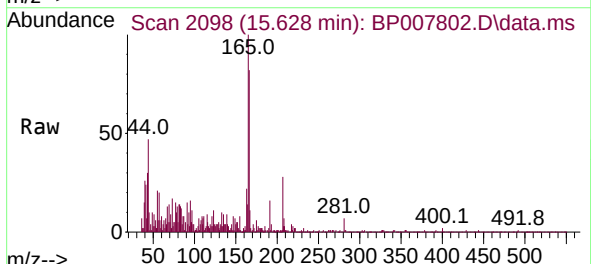
Tgt Ion:204 Resp: 36

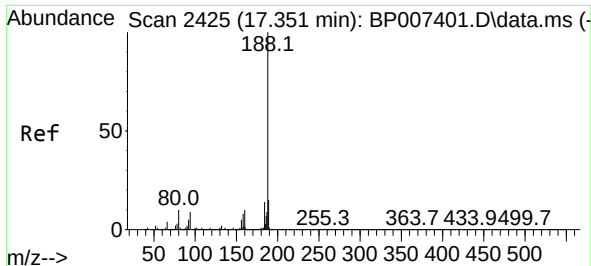
Ion Ratio Lower Upper

204 100

206 134.9 25.8 38.8#

141 214.0 48.8 73.2#

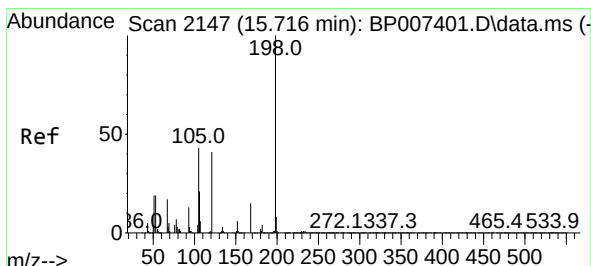
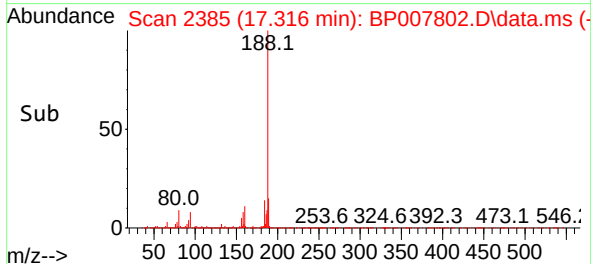
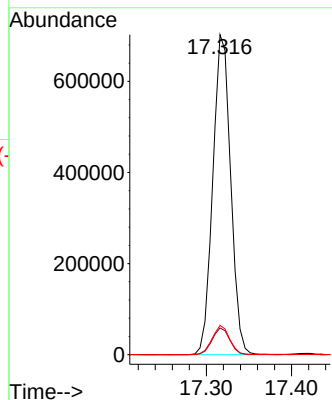
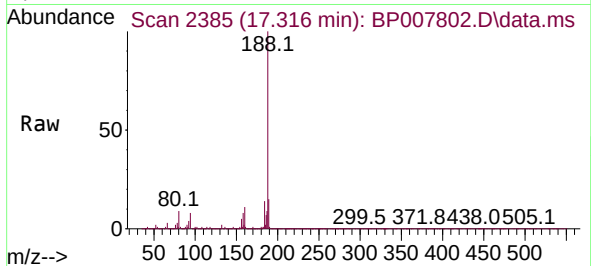




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

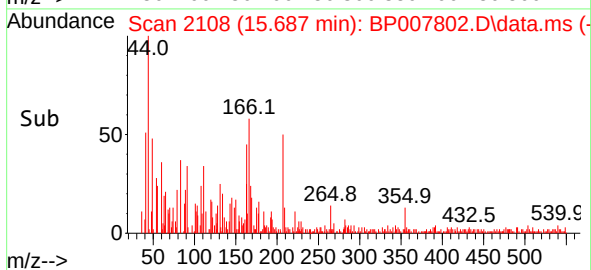
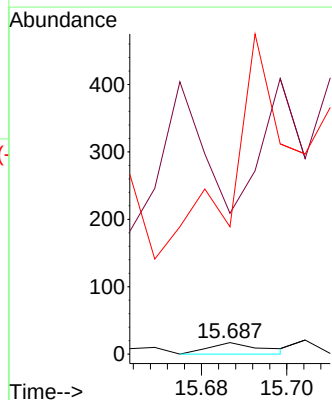
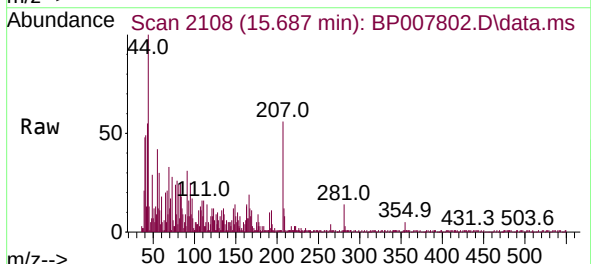
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

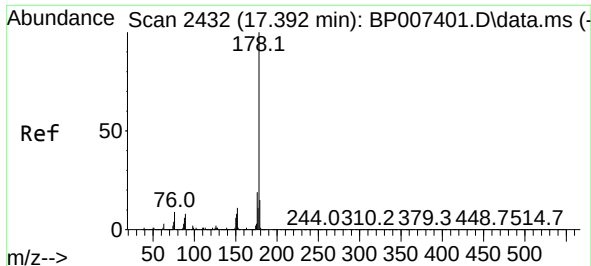
Tgt Ion:188 Resp: 1020523
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 9.2 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 5.084 ng
RT: 15.687 min Scan# 2108
Delta R.T. -0.018 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:198 Resp: 15
Ion Ratio Lower Upper
198 100
51 1229.4 23.8 63.8#
105 1111.8 24.6 64.6#

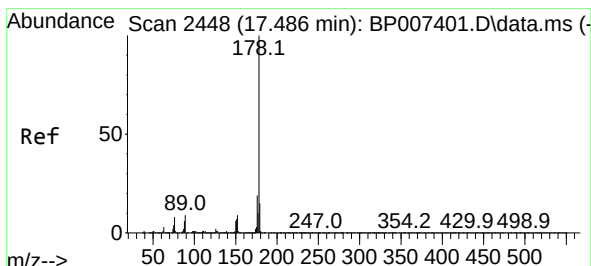
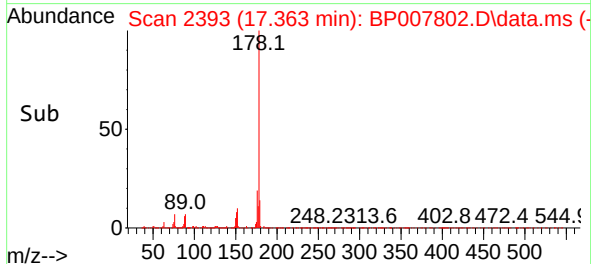
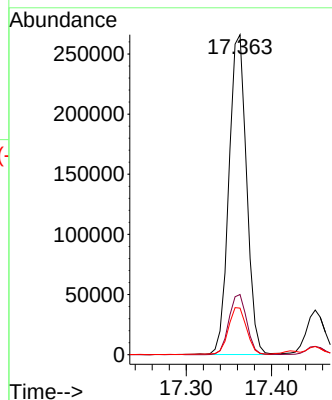
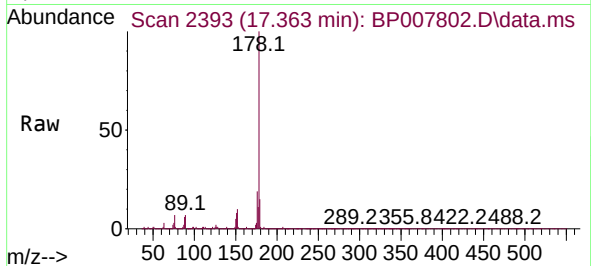




#71
Phenanthrene
Concen: 7.258 ng
RT: 17.363 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

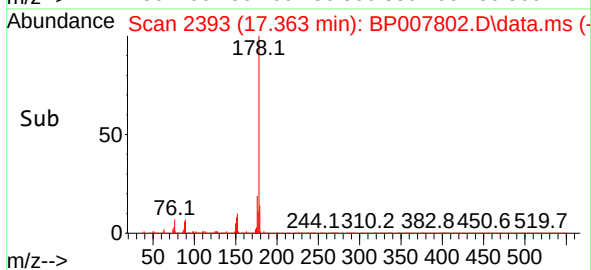
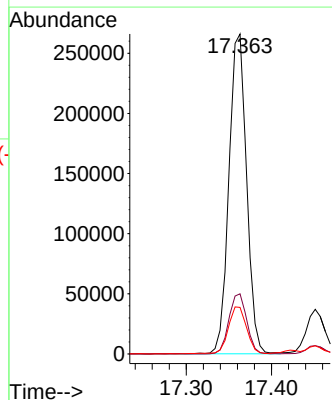
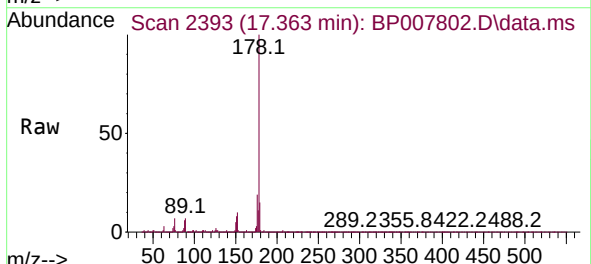
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

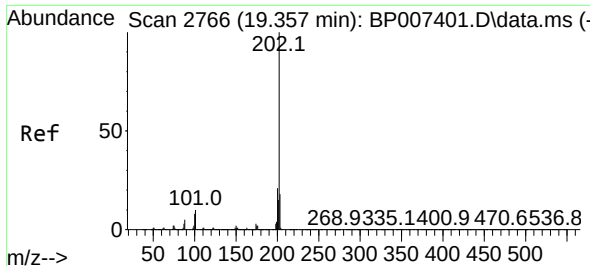
Tgt Ion:178 Resp: 382781
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.5 12.3 18.5



#72
Anthracene
Concen: 7.270 ng
RT: 17.363 min Scan# 2393
Delta R.T. -0.100 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:178 Resp: 382781
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 14.5 12.2 18.4

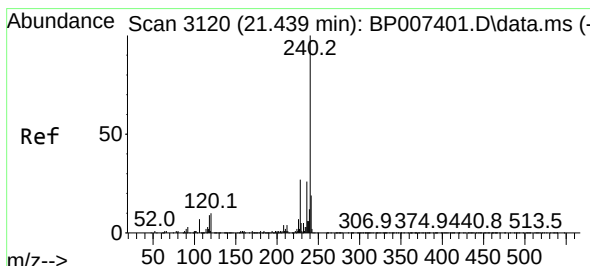
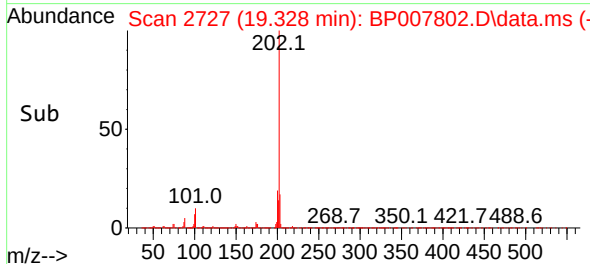
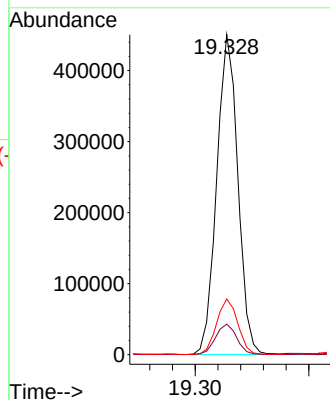
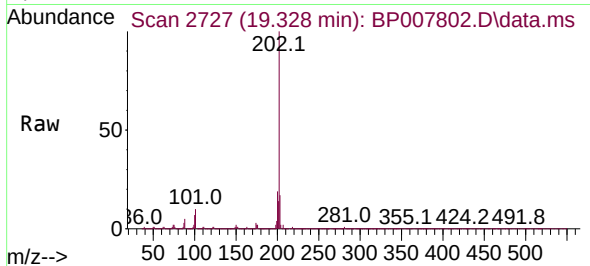




#75
Fluoranthene
Concen: 9.113 ng
RT: 19.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

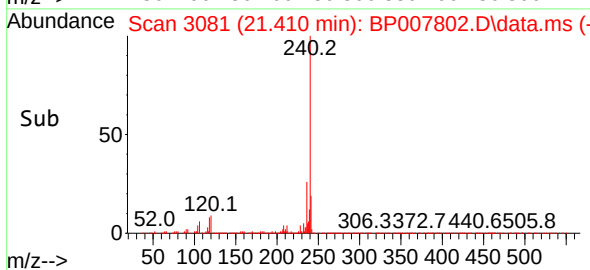
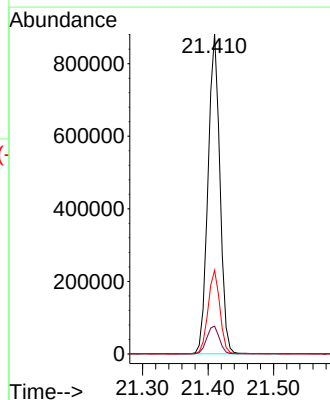
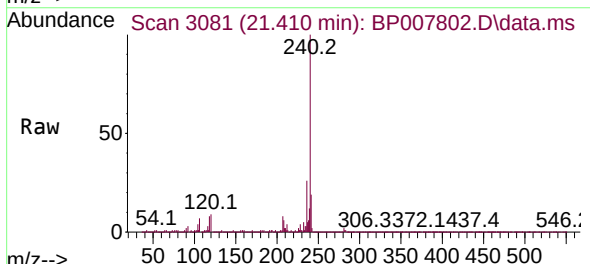
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

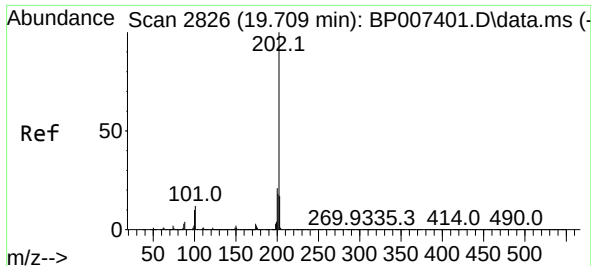
Tgt Ion:	202	Resp:	582620
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	30.4
203	17.4	0.0	37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3081
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:	240	Resp:	1112531
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.8	11.8
236	26.1	20.6	30.8

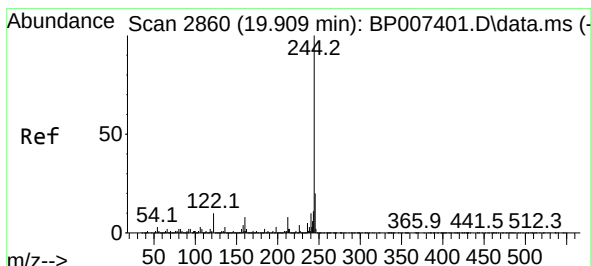
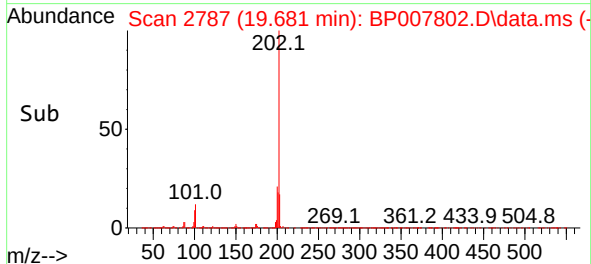
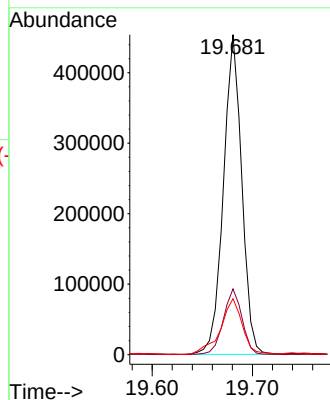
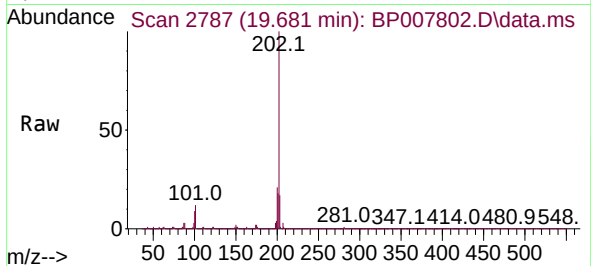




#78
 Pyrene
 Concen: 7.804 ng
 RT: 19.681 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP007802.D
 Acq: 01 Nov 2021 21:12

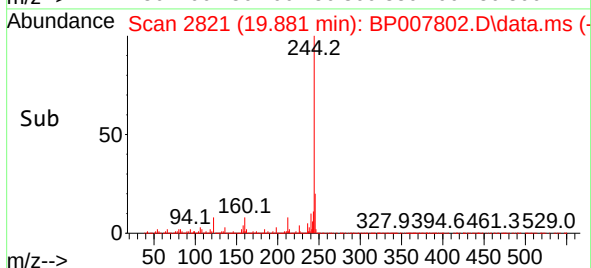
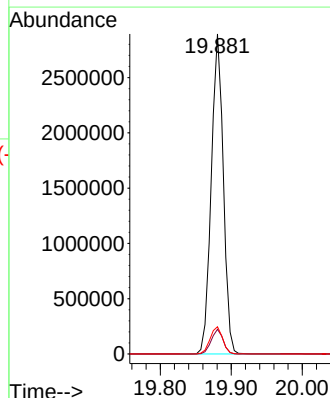
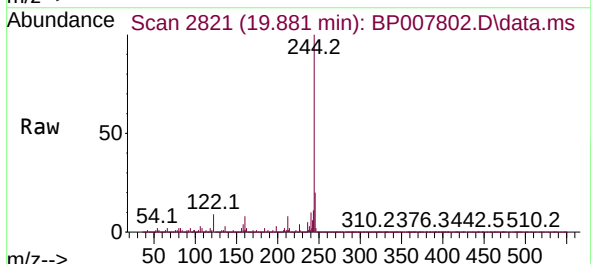
Instrument :
 BNA_P
 ClientSampleId :
 T2-B2-S

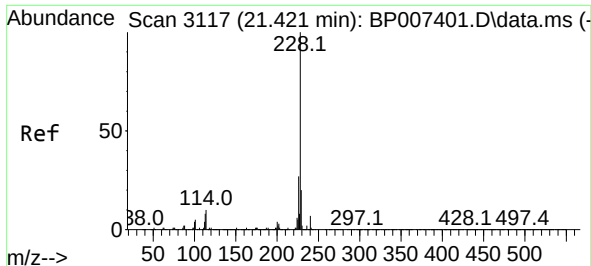
Tgt Ion:202 Resp: 575302
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.9 25.3
 203 17.5 13.8 20.6



#79
 Terphenyl-d14
 Concen: 62.111 ng
 RT: 19.881 min Scan# 2821
 Delta R.T. -0.012 min
 Lab File: BP007802.D
 Acq: 01 Nov 2021 21:12

Tgt Ion:244 Resp: 3411693
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 8.5 7.8 11.8

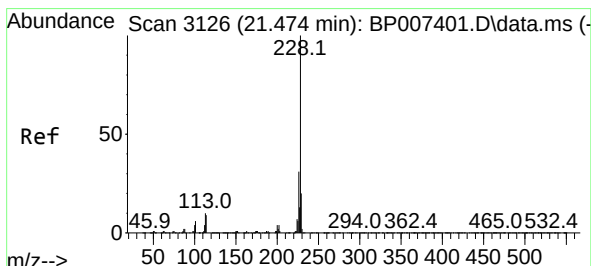
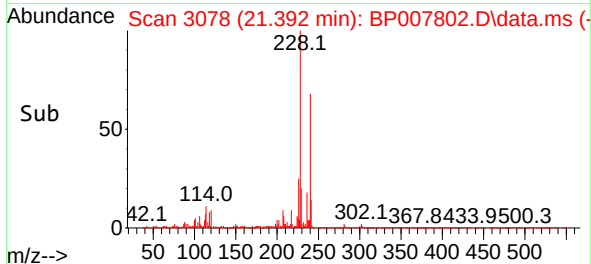
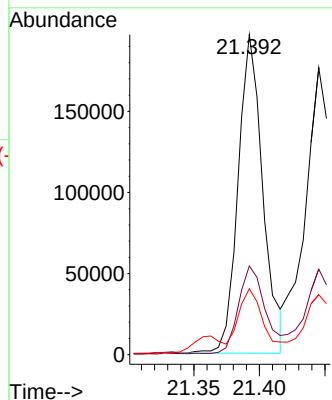
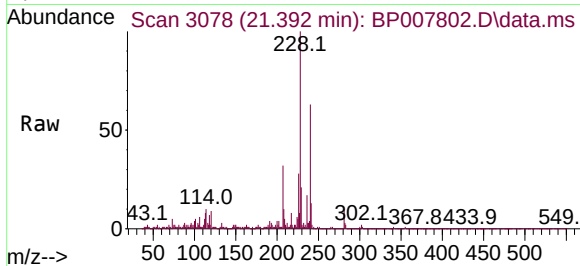




#81
Benzo(a)anthracene
Concen: 3.531 ng
RT: 21.392 min Scan# 3087
Delta R.T. -0.012 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

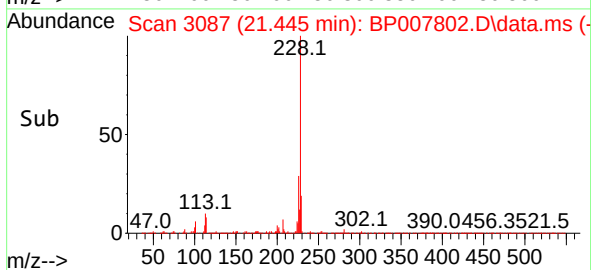
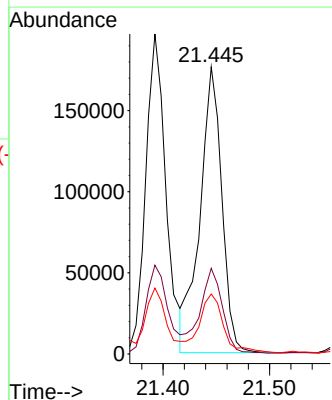
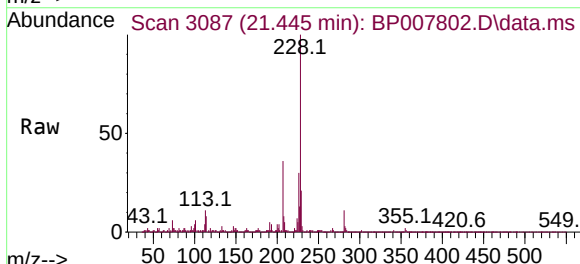
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

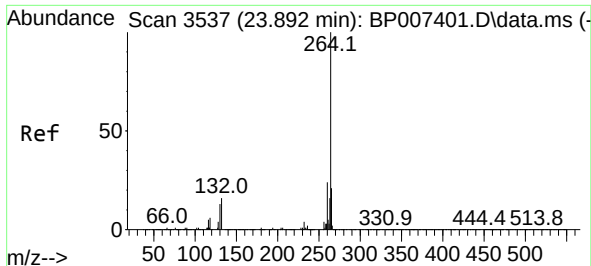
Tgt Ion:228 Resp: 257753
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.6 15.7 23.5



#83
Chrysene
Concen: 3.661 ng
RT: 21.445 min Scan# 3087
Delta R.T. -0.018 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:228 Resp: 252474
Ion Ratio Lower Upper
228 100
226 29.8 24.6 37.0
229 20.9 15.7 23.5

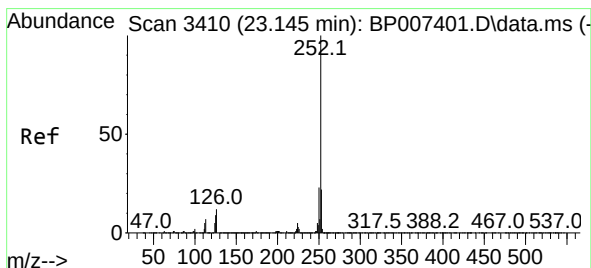
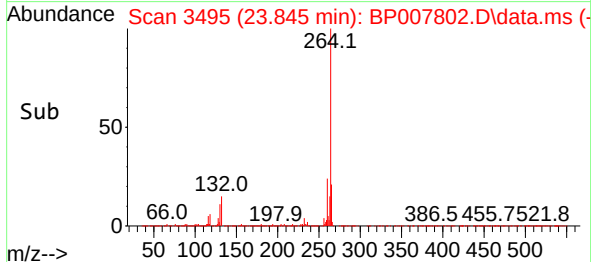
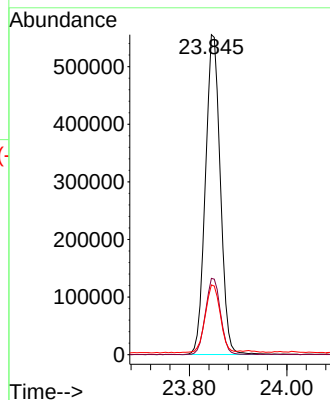
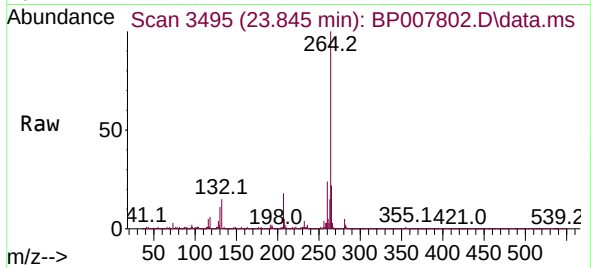




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.845 min Scan# 34
 Delta R.T. -0.024 min
 Lab File: BP007802.D
 Acq: 01 Nov 2021 21:12

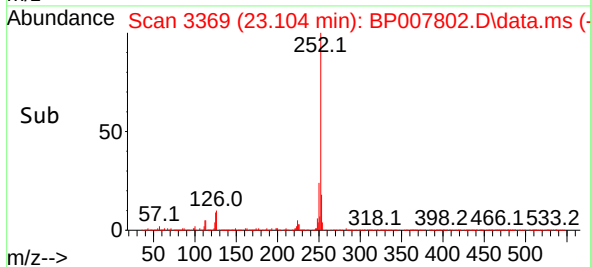
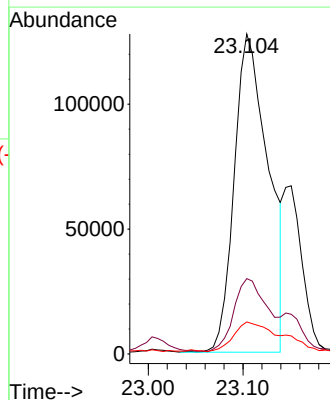
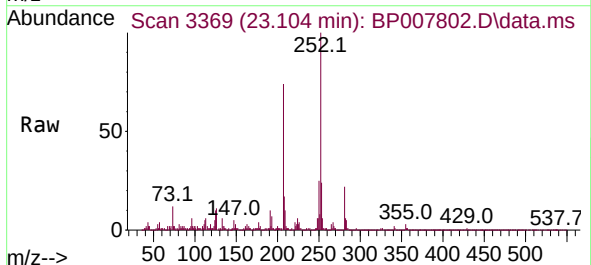
Instrument :
 BNA_P
 ClientSampleId :
 T2-B2-S

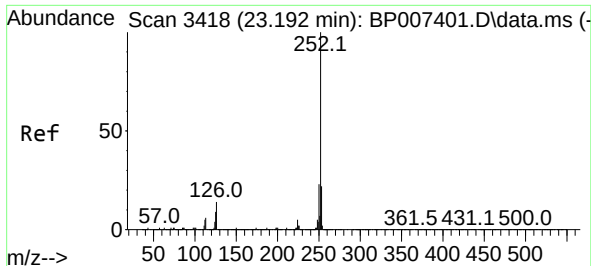
Tgt Ion:264 Resp: 1174252
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.8 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 4.567 ng
 RT: 23.104 min Scan# 3369
 Delta R.T. -0.024 min
 Lab File: BP007802.D
 Acq: 01 Nov 2021 21:12

Tgt Ion:252 Resp: 317960
 Ion Ratio Lower Upper
 252 100
 253 23.6 17.4 26.2
 125 10.0 7.4 11.0

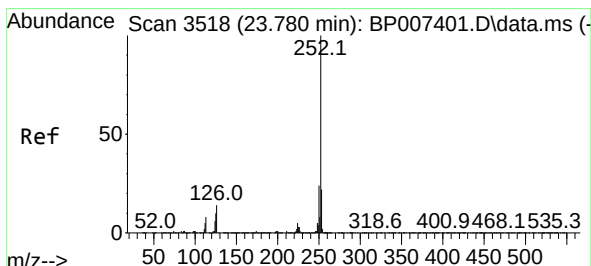
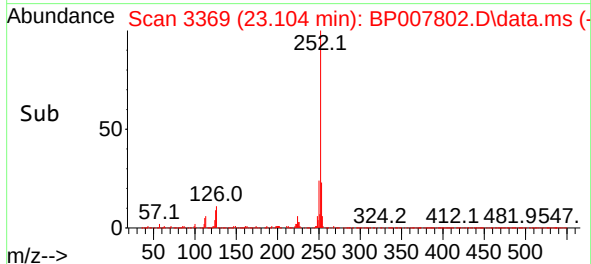
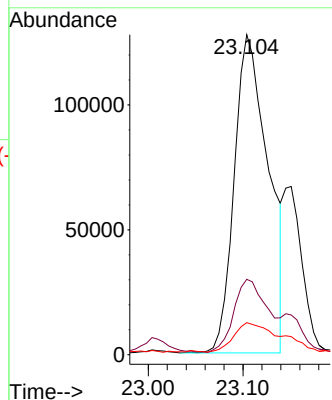
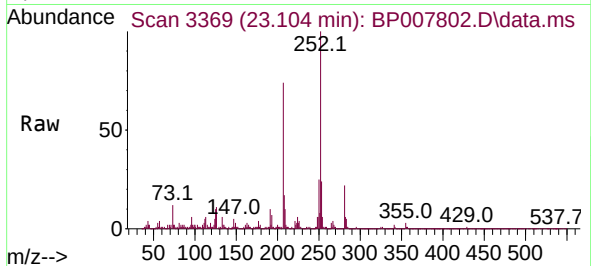




#89
Benzo(k)fluoranthene
Concen: 4.664 ng
RT: 23.104 min Scan# 31
Delta R.T. -0.071 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

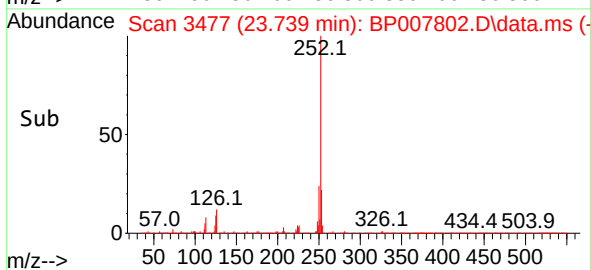
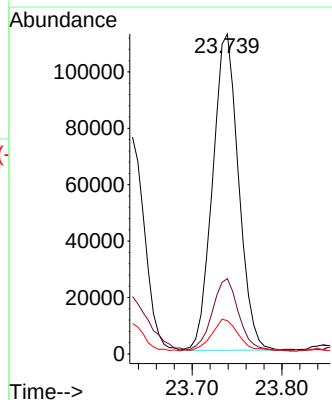
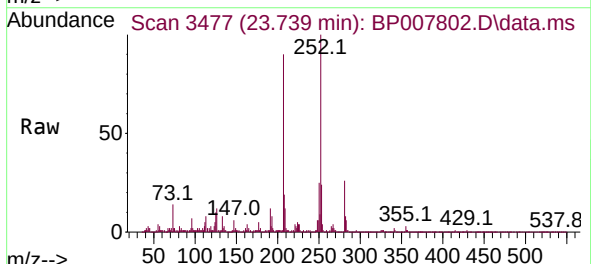
Instrument :
BNA_P
ClientSampleId :
T2-B2-S

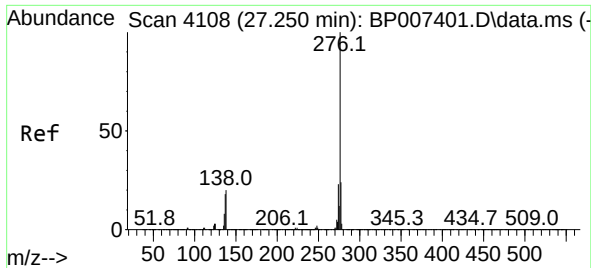
Tgt Ion:252 Resp: 317960
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 10.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 3.808 ng
RT: 23.739 min Scan# 3477
Delta R.T. -0.024 min
Lab File: BP007802.D
Acq: 01 Nov 2021 21:12

Tgt Ion:252 Resp: 225516
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.4 8.4 12.6





#92

Benzo(g,h,i)perylene

Concen: 2.403 ng

RT: 27.168 min Scan# 4060

Delta R.T. -0.053 min

Lab File: BP007802.D

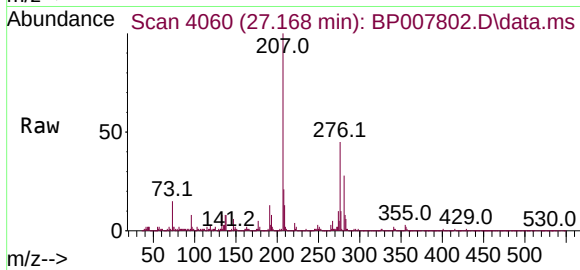
Acq: 01 Nov 2021 21:12

Instrument :

BNA_P

ClientSampleId :

T2-B2-S



Tgt Ion:276 Resp: 166012

Ion Ratio Lower Upper

276 100

277 23.1 19.4 29.0

138 18.9 16.2 24.4

