

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
 Data File : BP008606.D
 Acq On : 30 Dec 2021 12:50
 Operator : CG/JU
 Sample : M5237-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 14:08:30 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

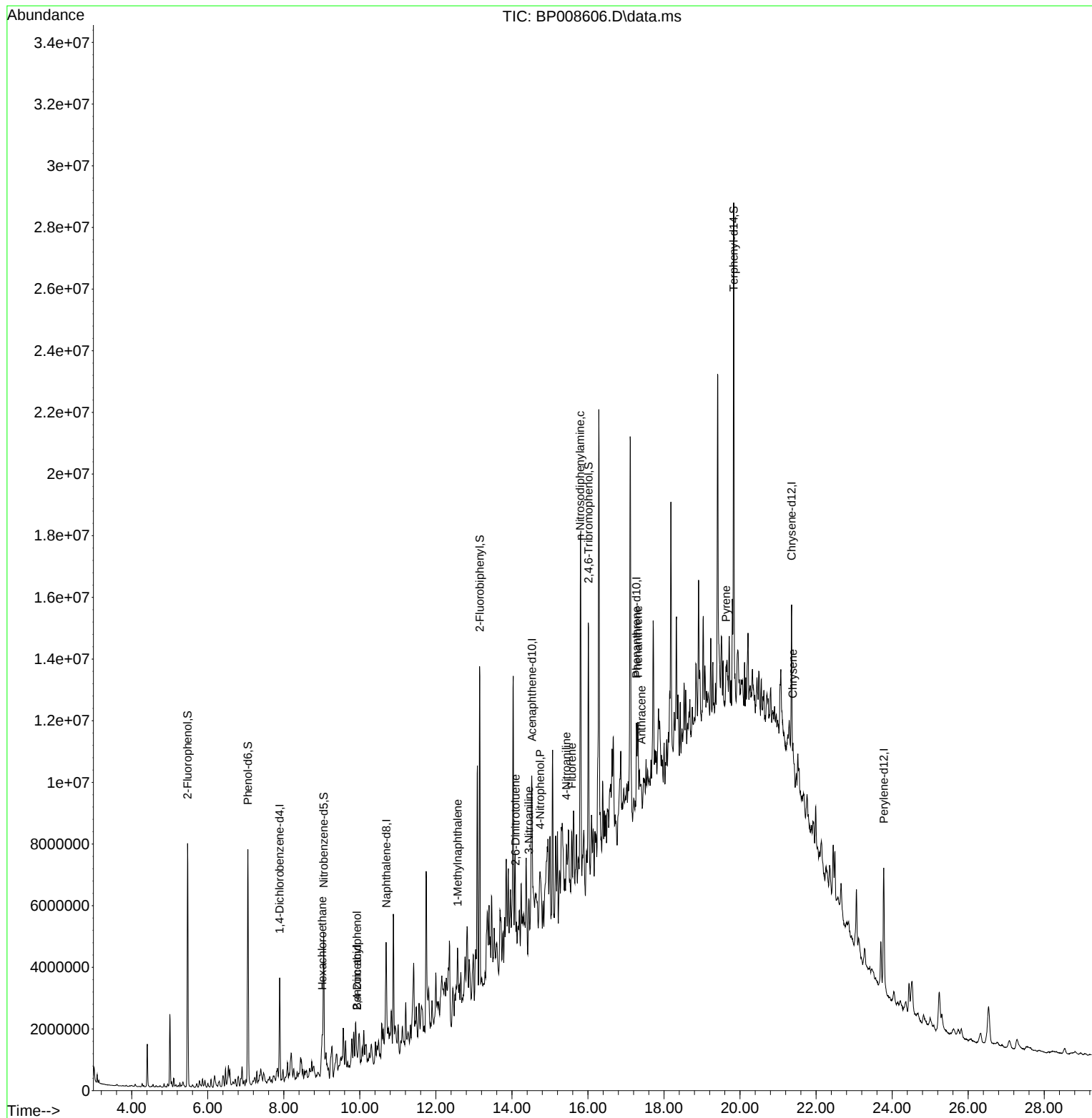
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	603309	20.000	ng	0.00
21) Naphthalene-d8	10.698	136	1948044	20.000	ng	# 0.00
39) Acenaphthene-d10	14.528	164	1063082	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	2049294	20.000	ng	0.00
76) Chrysene-d12	21.357	240	2520579	20.000	ng	0.00
86) Perylene-d12	23.780	264	3141239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3802134	115.031	ng	0.00
7) Phenol-d6	7.057	99	4505646	97.934	ng	0.00
23) Nitrobenzene-d5	9.051	82	2713518	82.864	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	1527988	106.235	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	6006901	81.865	ng	0.00
79) Terphenyl-d14	19.833	244	8421804	68.221	ng	0.00
Target Compounds						
18) Hexachloroethane	9.010	117	86825	5.745	ng	# 1
27) 2,4-Dimethylphenol	9.928	122	141407	5.290	ng	# 53
32) Benzoic acid	9.928	122	143065	8.474	ng	89
38) 1-Methylnaphthalene	12.575	142	660072	8.871	ng	# 98
51) 2,6-Dinitrotoluene	14.098	165	50400	3.000	ng	# 79
53) 3-Nitroaniline	14.445	138	38759	2.216	ng	# 31
56) 4-Nitrophenol	14.745	139	84386	6.128	ng	# 1
58) Fluorene	15.575	166	268919	3.476	ng	# 77
62) 4-Nitroaniline	15.434	138	53878	3.034	ng	100
66) n-Nitrosodiphenylamine	15.798	169	689377	11.146	ng	# 45
71) Phenanthrene	17.316	178	1153612	10.441	ng	# 88
72) Anthracene	17.410	178	263785	2.450	ng	# 61
78) Pyrene	19.633	202	564087	3.440	ng	# 85
83) Chrysene	21.392	228	380613	2.489	ng	# 73

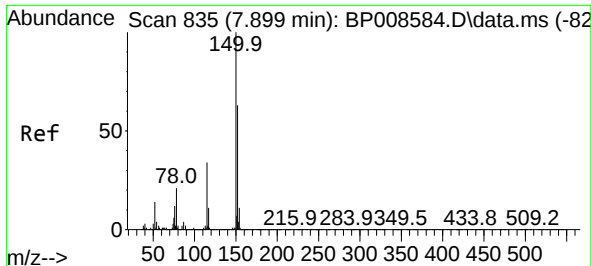
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123021\
Data File : BP008606.D
Acq On : 30 Dec 2021 12:50
Operator : CG/JU
Sample : M5237-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 30 14:08:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

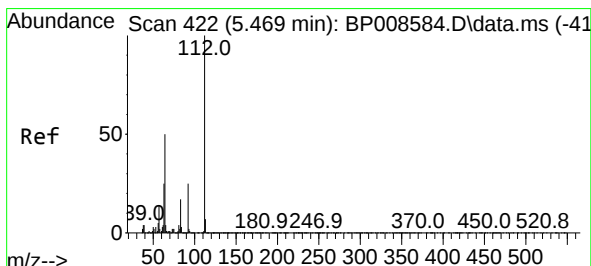
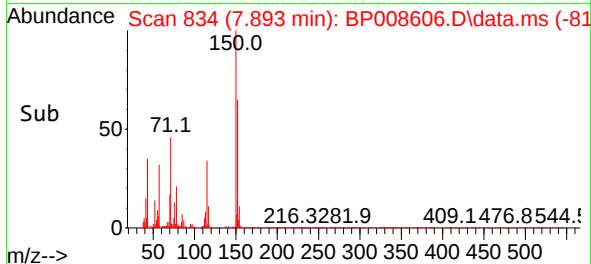
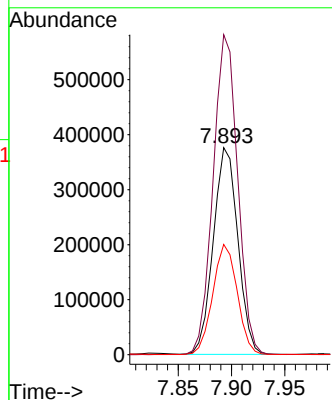
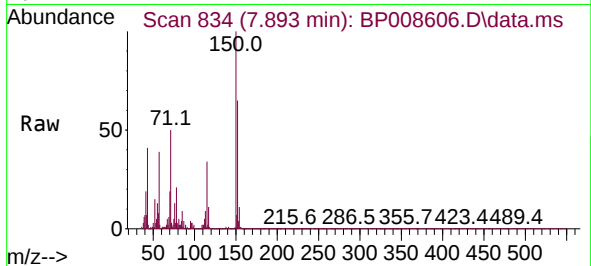




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

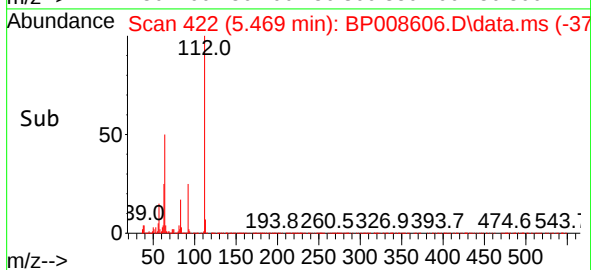
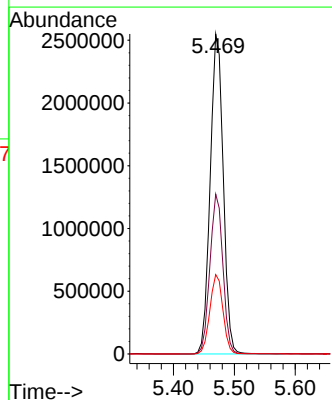
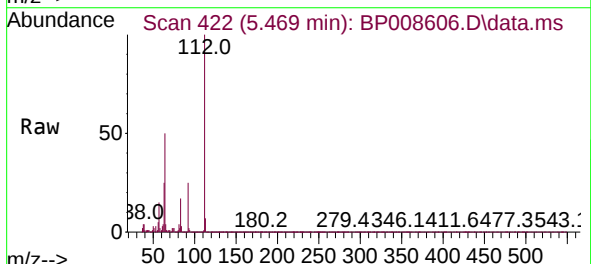
Instrument :
BNA_F
ClientSampleId :

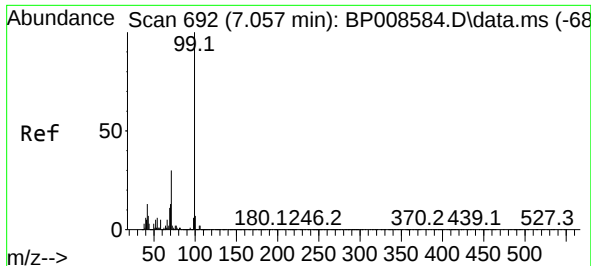
Tgt Ion:152 Resp: 603309
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 53.2 43.7 65.5



#5
2-Fluorophenol
Concen: 115.031 ng
RT: 5.469 min Scan# 422
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

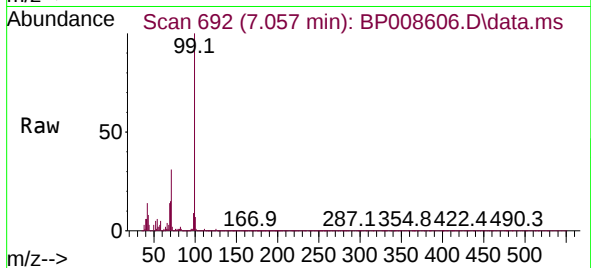
Tgt Ion:112 Resp: 3802134
Ion Ratio Lower Upper
112 100
64 50.0 39.7 59.5
63 24.8 20.0 30.0





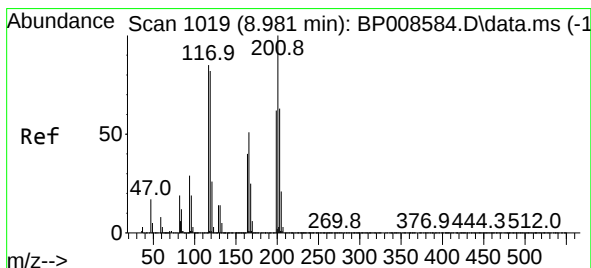
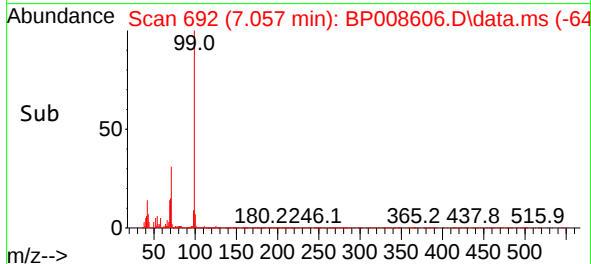
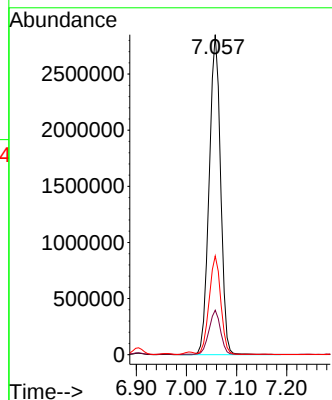
#7
Phenol-d6
Concen: 97.934 ng
RT: 7.057 min Scan# 692
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 4505646

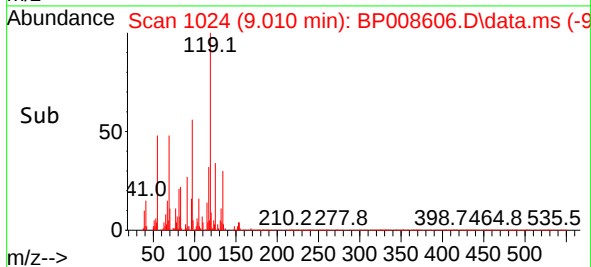
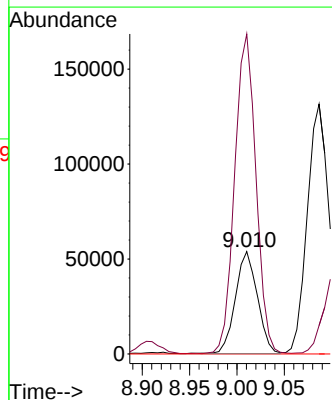
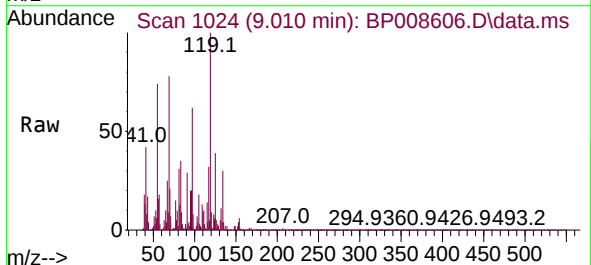
Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.8	16.2
71	30.9	23.8	35.6

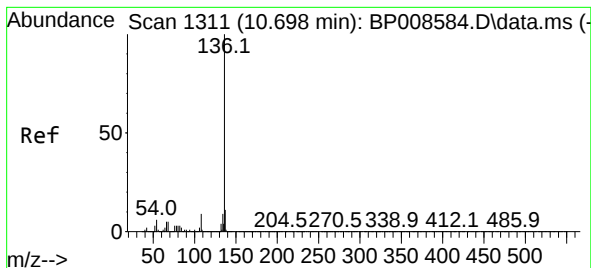


#18
Hexachloroethane
Concen: 5.745 ng
RT: 9.010 min Scan# 1024
Delta R.T. 0.029 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion: 117 Resp: 86825

Ion	Ratio	Lower	Upper
117	100		
119	312.5	76.9	115.3#
201	0.0	93.7	140.5#

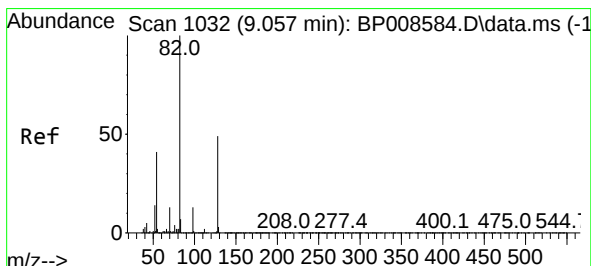
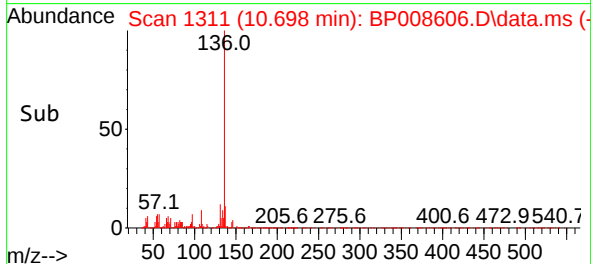
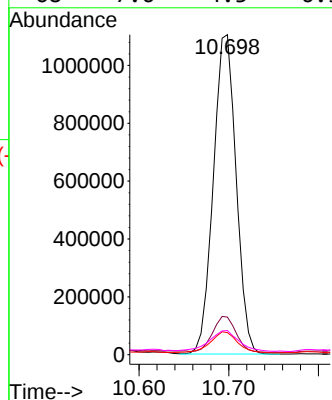
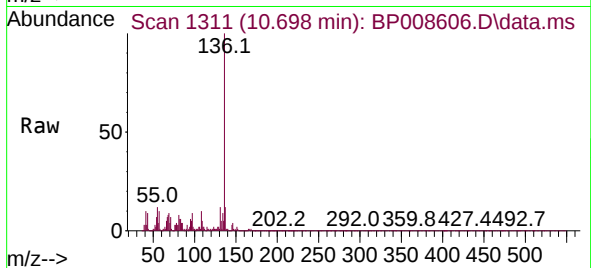




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

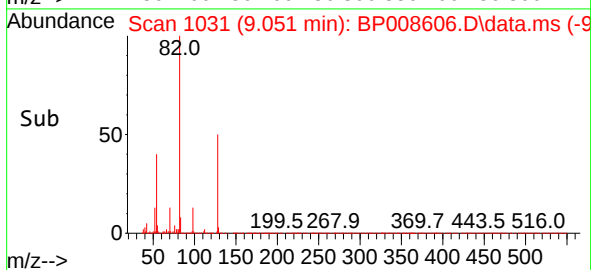
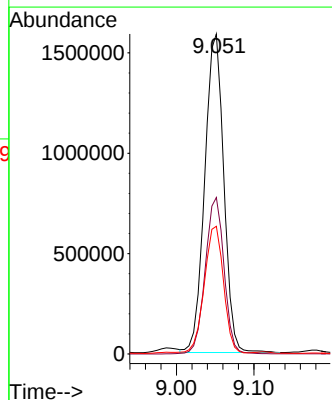
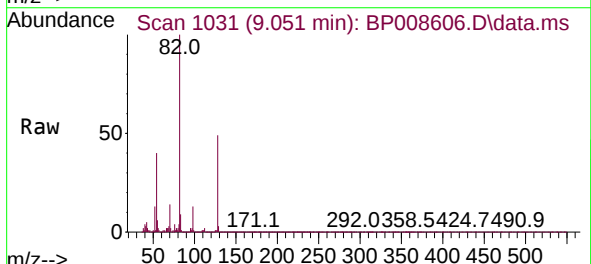
Instrument :
BNA_F
ClientSampleId :

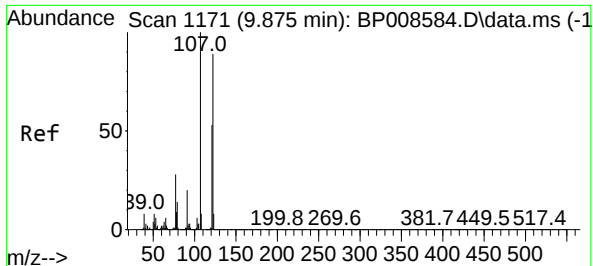
Tgt Ion:136 Resp: 1948044
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 6.9 4.9 7.3
68 7.6 4.3 6.5#



#23
Nitrobenzene-d5
Concen: 82.864 ng
RT: 9.051 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion: 82 Resp: 2713518
Ion Ratio Lower Upper
82 100
128 48.9 39.4 59.2
54 39.9 32.6 48.8





#27

2,4-Dimethylphenol

Concen: 5.290 ng

RT: 9.928 min Scan# 1180

Delta R.T. 0.053 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

Instrument :

BNA_F

ClientSampleId :

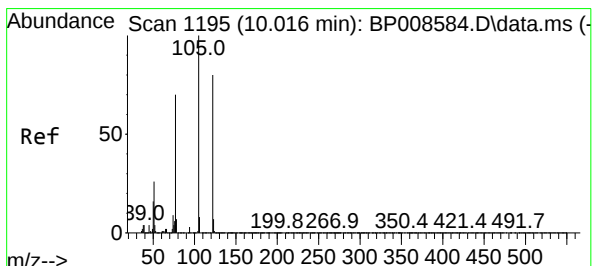
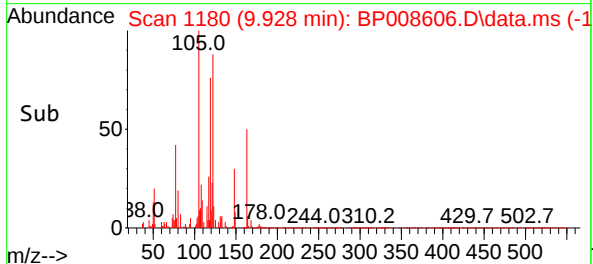
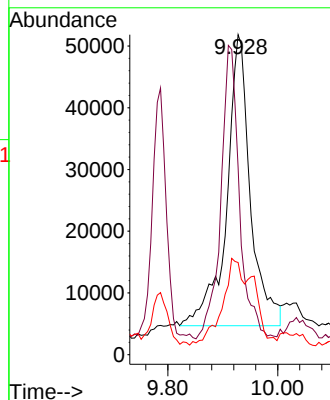
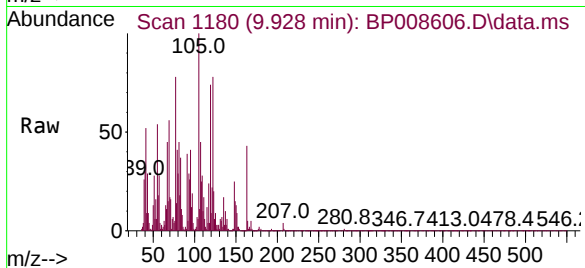
Tgt Ion:122 Resp: 141407

Ion Ratio Lower Upper

122 100

107 58.4 89.6 134.4#

121 28.8 47.8 71.8#



#32

Benzoic acid

Concen: 8.474 ng

RT: 9.928 min Scan# 1180

Delta R.T. -0.088 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

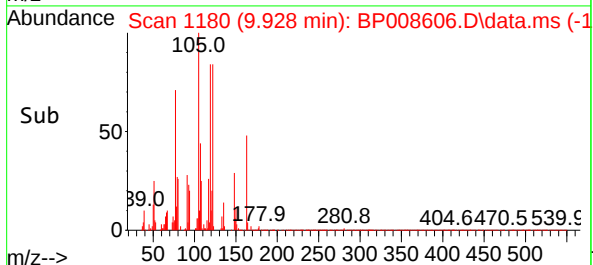
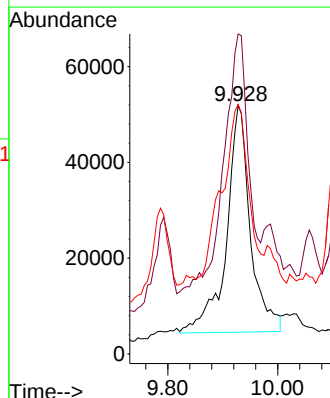
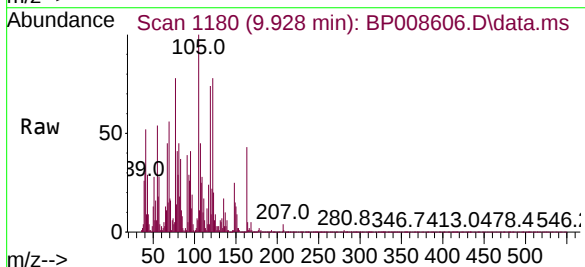
Tgt Ion:122 Resp: 143065

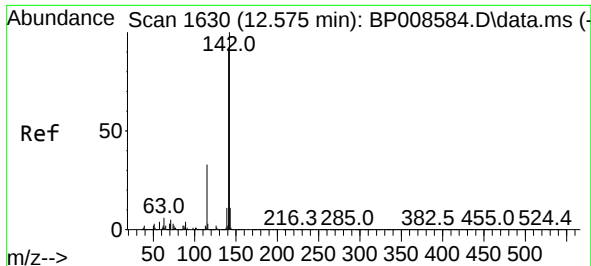
Ion Ratio Lower Upper

122 100

105 128.9 100.1 140.1

77 100.5 65.5 105.5

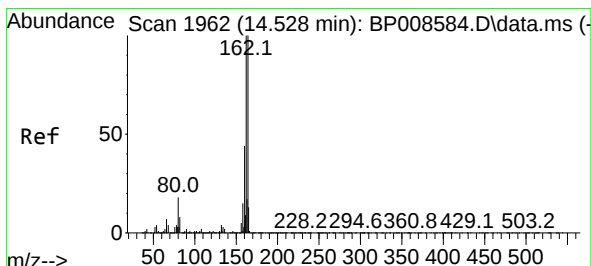
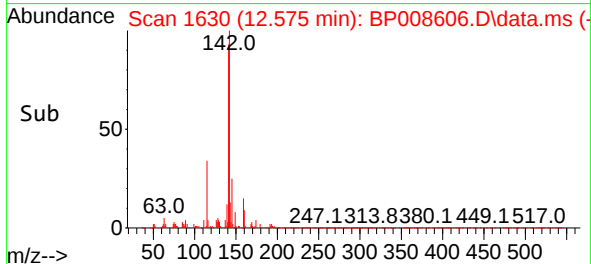
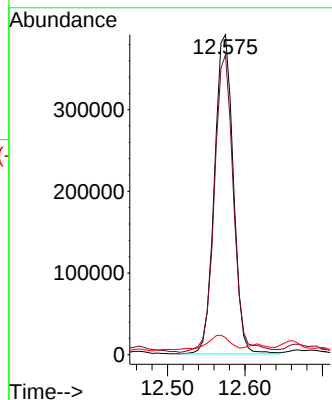
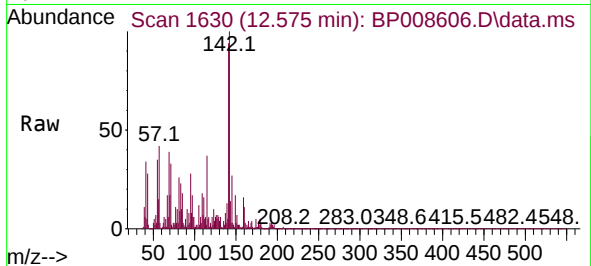




#38
1-Methylnaphthalene
Concen: 8.871 ng
RT: 12.575 min Scan# 1630
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

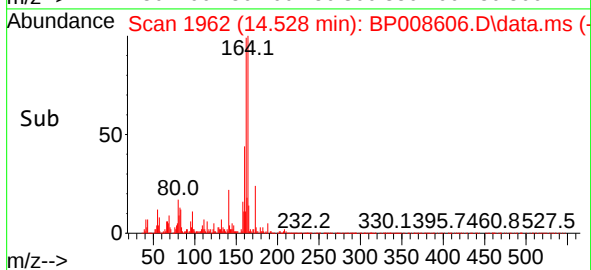
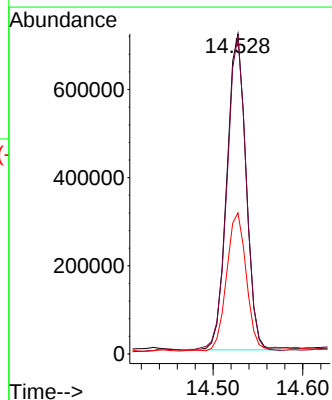
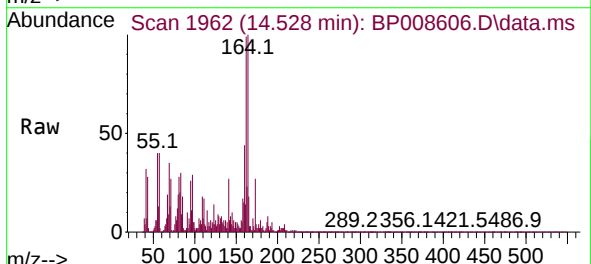
Instrument :
BNA_F
ClientSampleId :

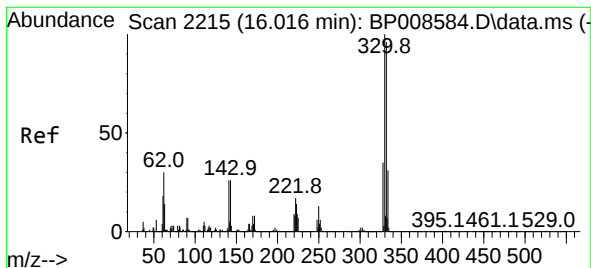
Tgt Ion:142 Resp: 660072
Ion Ratio Lower Upper
142 100
141 93.7 73.2 109.8
116 5.3 2.7 4.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:164 Resp: 1063082
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.1 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 106.235 ng

RT: 16.016 min Scan# 2215

Delta R.T. 0.000 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

Instrument :

BNA_F

ClientSampleId :

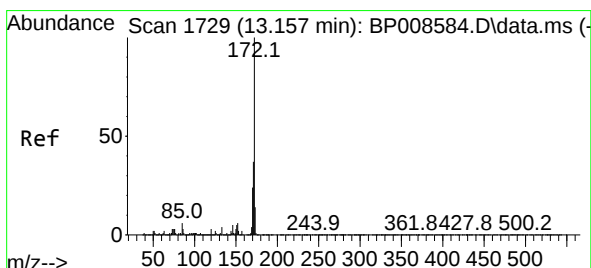
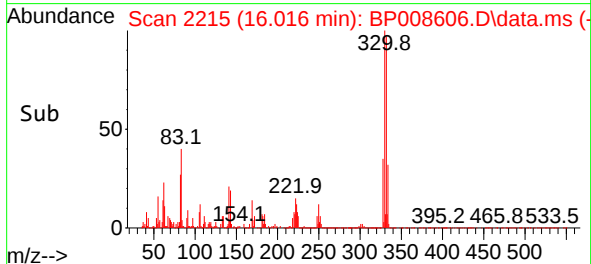
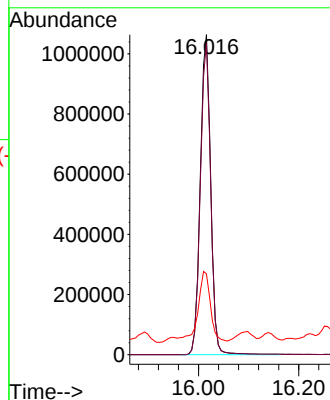
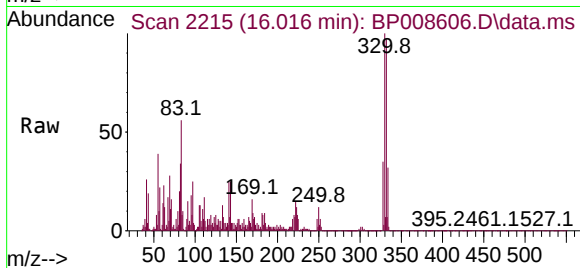
Tgt Ion:330 Resp: 1527988

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.4

141 25.1 21.3 31.9



#45

2-Fluorobiphenyl

Concen: 81.865 ng

RT: 13.157 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

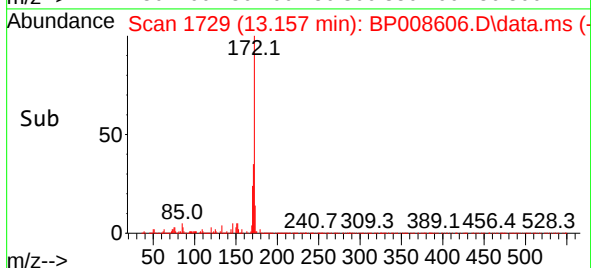
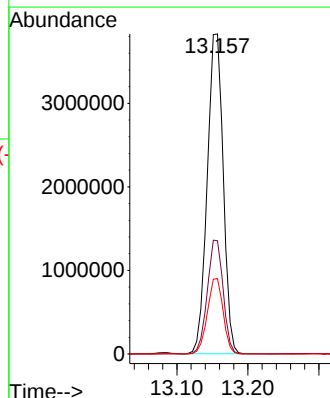
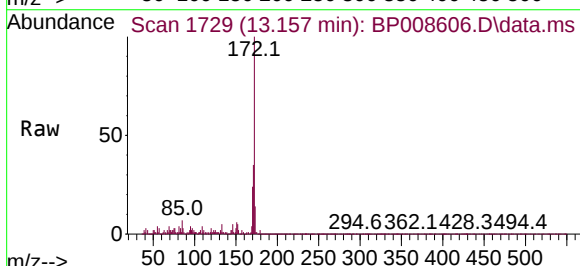
Tgt Ion:172 Resp: 6006901

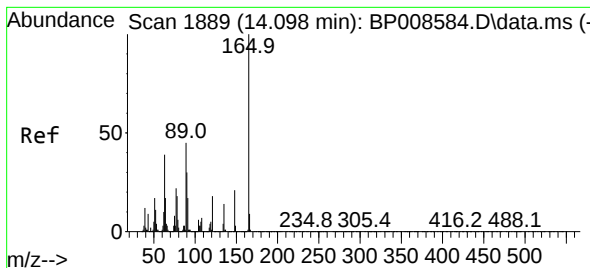
Ion Ratio Lower Upper

172 100

171 35.4 29.3 43.9

170 23.5 19.5 29.3

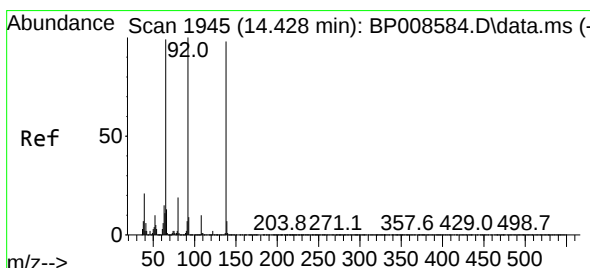
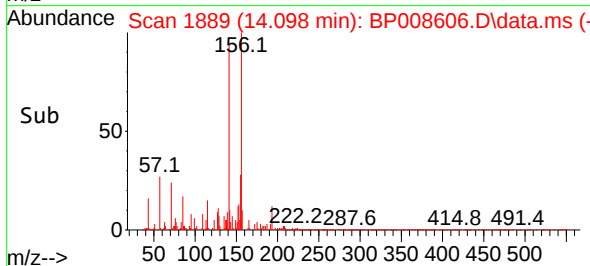
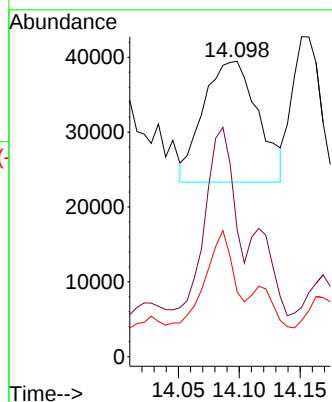
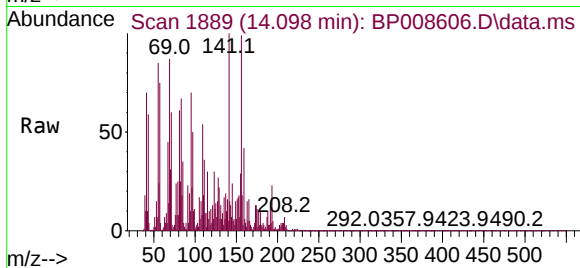




#51
2,6-Dinitrotoluene
Concen: 3.000 ng
RT: 14.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

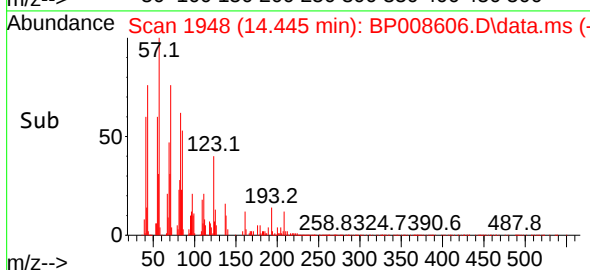
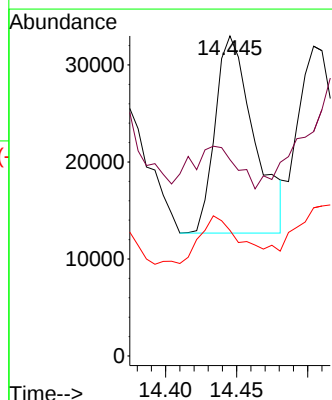
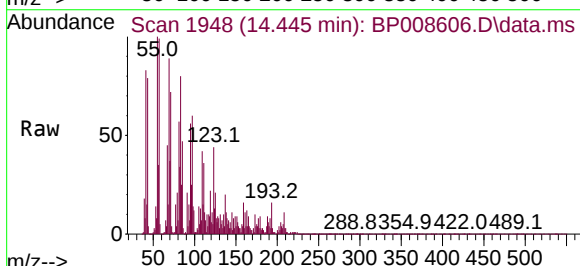
Instrument :
BNA_F
ClientSampleId :

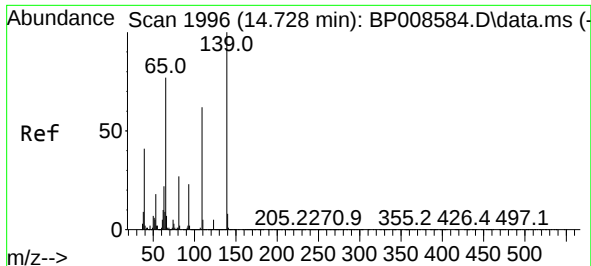
Tgt Ion:165 Resp: 50400
Ion Ratio Lower Upper
165 100
63 43.0 31.8 47.8
89 21.9 36.1 54.1#



#53
3-Nitroaniline
Concen: 2.216 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.017 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:138 Resp: 38759
Ion Ratio Lower Upper
138 100
108 61.4 8.0 12.0#
92 39.3 81.7 122.5#

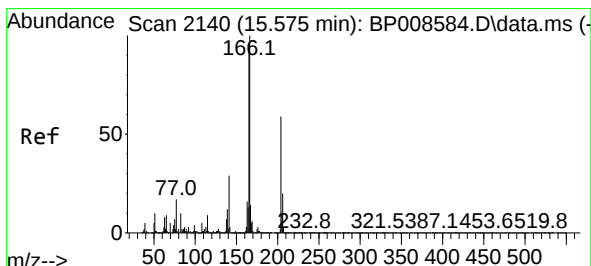
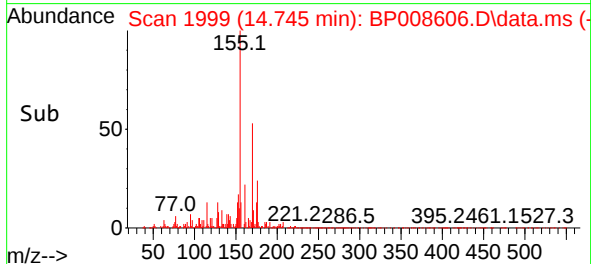
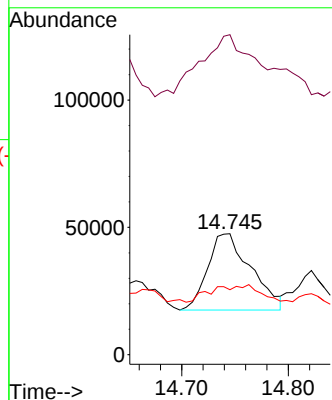
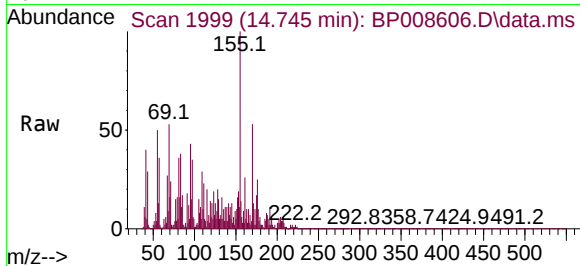




#56
4-Nitrophenol
Concen: 6.128 ng
RT: 14.745 min Scan# 1999
Delta R.T. 0.017 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

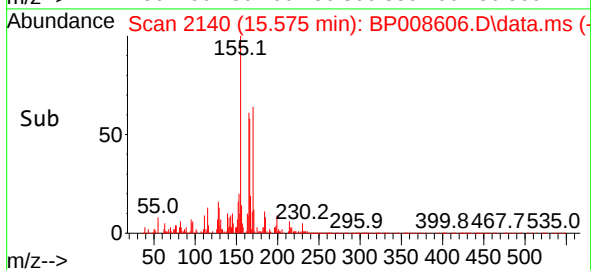
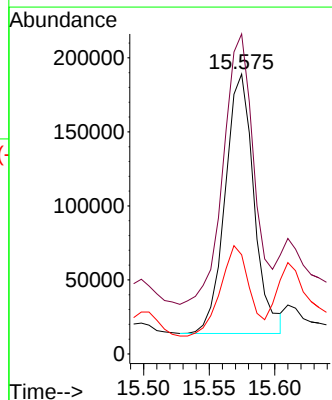
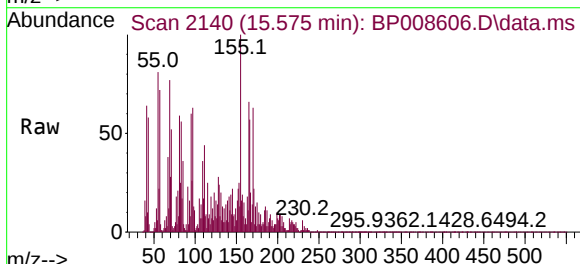
Instrument :
BNA_F
ClientSampleId :

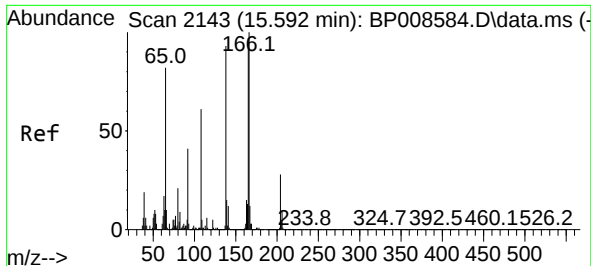
Tgt Ion:139 Resp: 84386
Ion Ratio Lower Upper
139 100
109 264.7 42.2 82.2#
65 53.7 57.3 97.3#



#58
Fluorene
Concen: 3.476 ng
RT: 15.575 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:166 Resp: 268919
Ion Ratio Lower Upper
166 100
165 114.3 77.2 115.8
167 35.4 11.2 16.8#

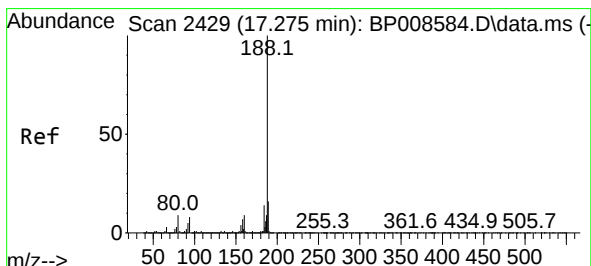
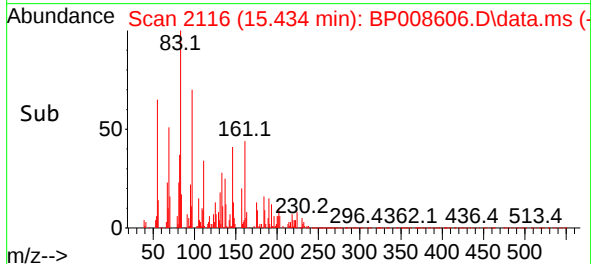
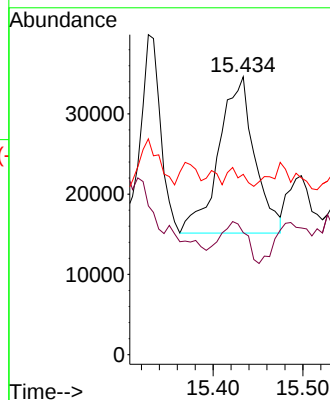
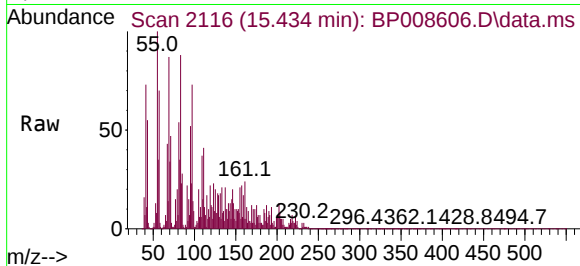




#62
4-Nitroaniline
Concen: 3.034 ng
RT: 15.434 min Scan# 2116
Delta R.T. -0.159 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

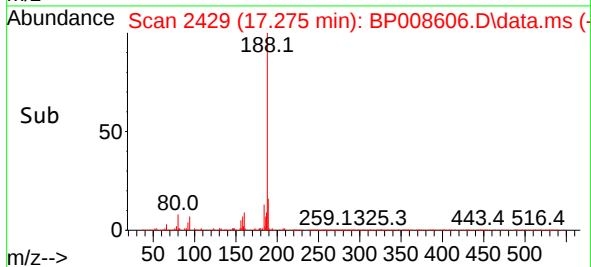
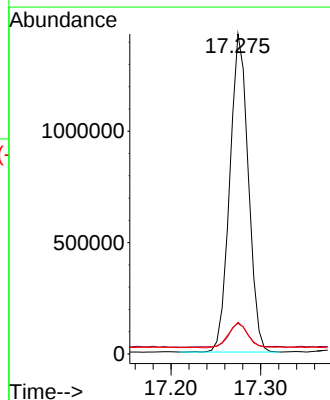
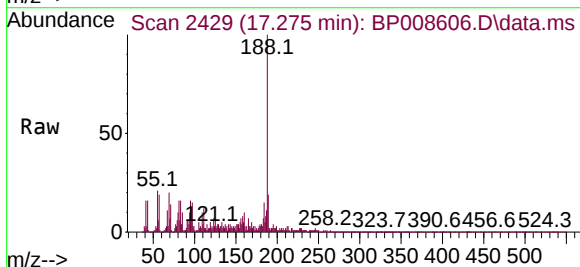
Instrument :
BNA_F
ClientSampleId :

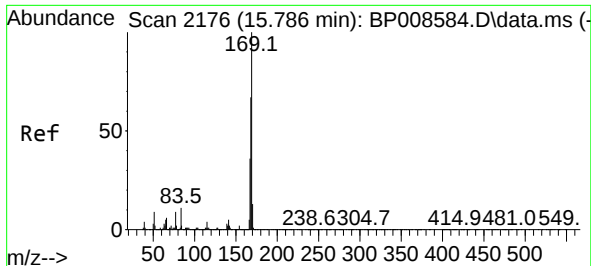
Tgt Ion:138 Resp: 53878
Ion Ratio Lower Upper
138 100
92 44.0 24.3 64.3
108 64.9 44.8 84.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:188 Resp: 2049294
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 9.9 7.2 10.8

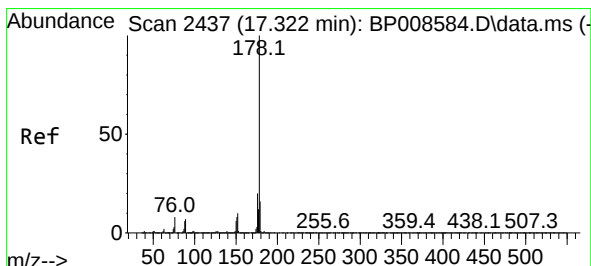
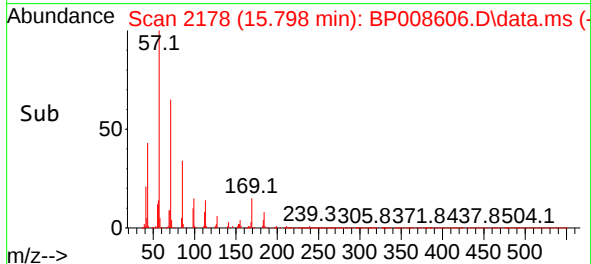
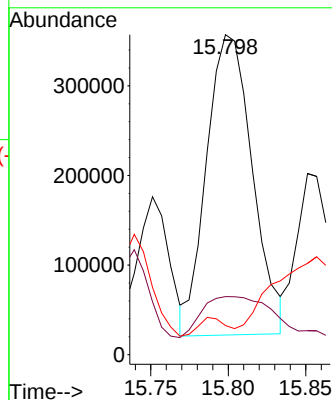
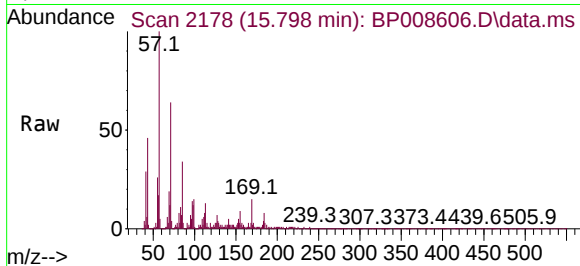




#66
n-Nitrosodiphenylamine
Concen: 11.146 ng
RT: 15.798 min Scan# 2176
Delta R.T. 0.012 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

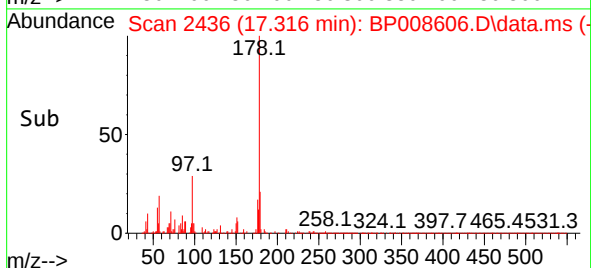
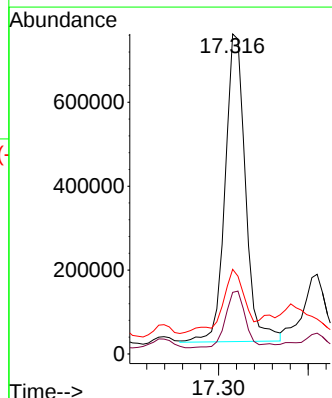
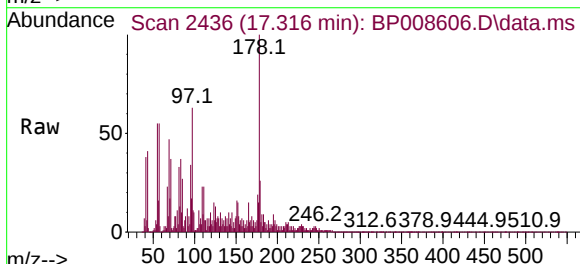
Instrument :
BNA_F
ClientSampleId :

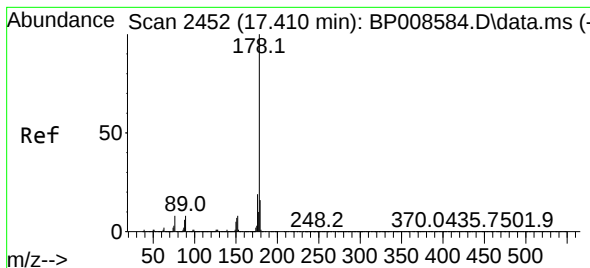
Tgt Ion:169 Resp: 689377
Ion Ratio Lower Upper
169 100
168 18.2 53.3 79.9#
167 9.1 29.0 43.6#



#71
Phenanthrene
Concen: 10.441 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:178 Resp: 1153612
Ion Ratio Lower Upper
178 100
176 19.3 16.0 24.0
179 26.5 13.0 19.4#





#72

Anthracene

Concen: 2.450 ng

RT: 17.410 min Scan# 2452

Delta R.T. -0.000 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

Instrument :

BNA_F

ClientSampleId :

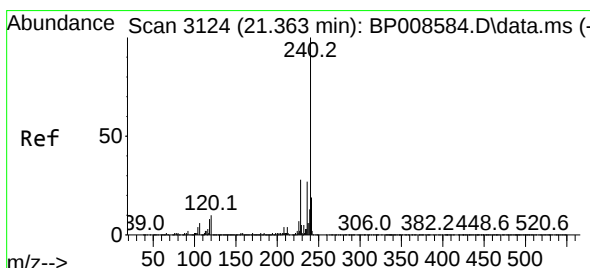
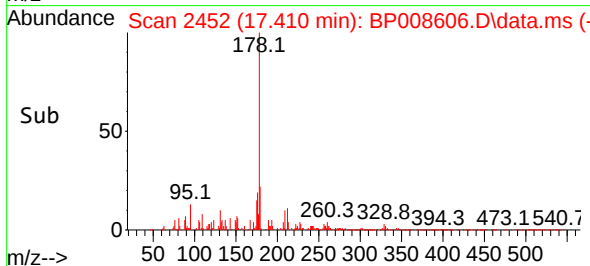
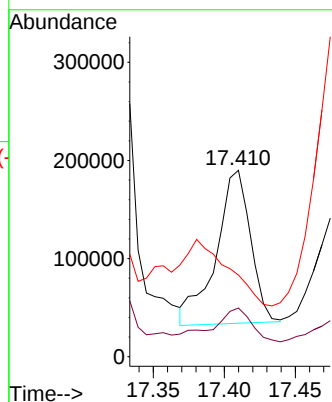
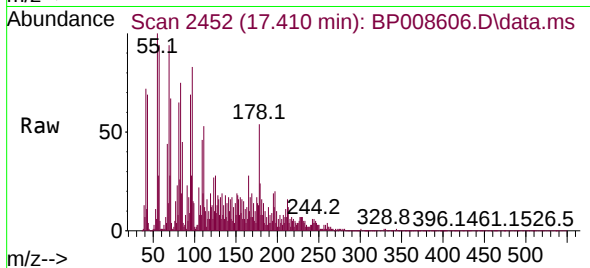
Tgt Ion:178 Resp: 263785

Ion Ratio Lower Upper

178 100

176 26.1 15.1 22.7#

179 43.8 12.8 19.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.357 min Scan# 3123

Delta R.T. -0.006 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

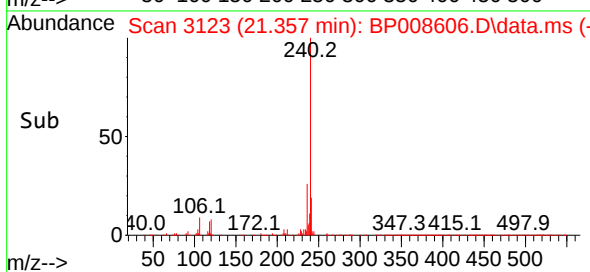
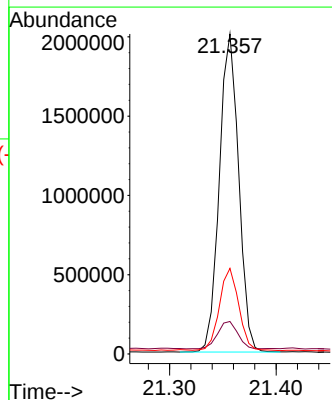
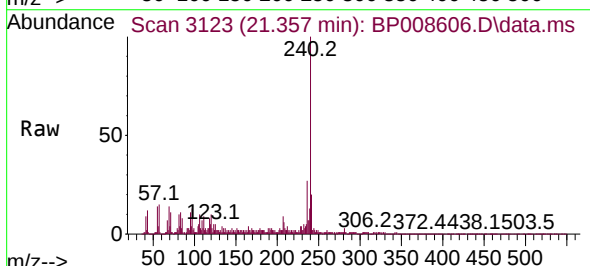
Tgt Ion:240 Resp: 2520579

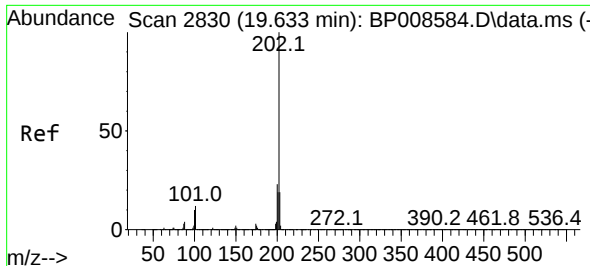
Ion Ratio Lower Upper

240 100

120 10.2 7.7 11.5

236 26.8 21.2 31.8

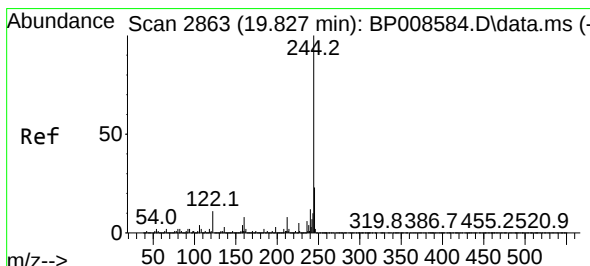
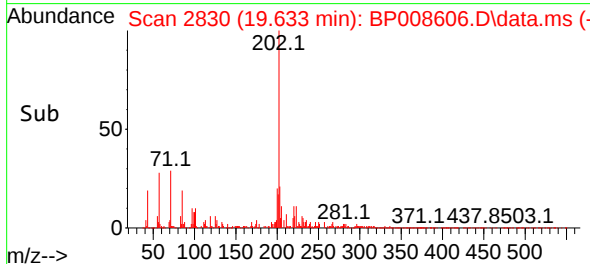
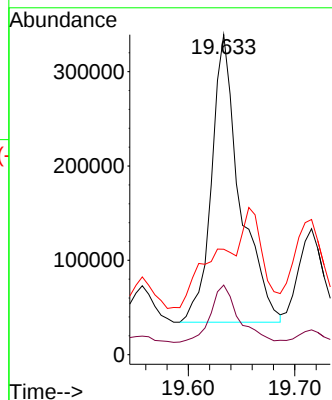
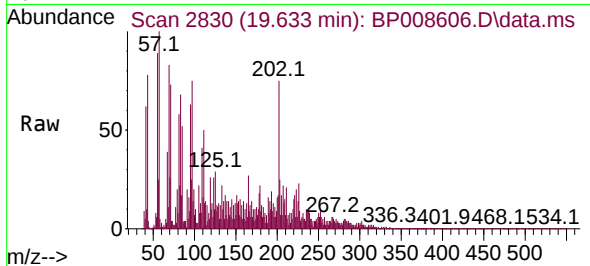




#78
Pyrene
Concen: 3.440 ng
RT: 19.633 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

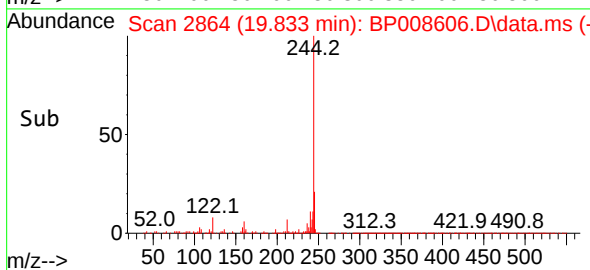
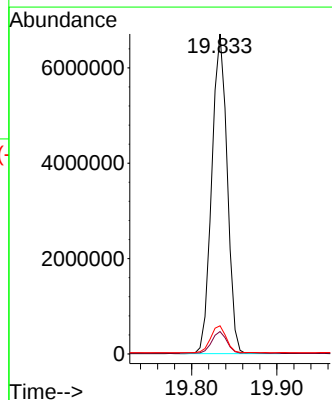
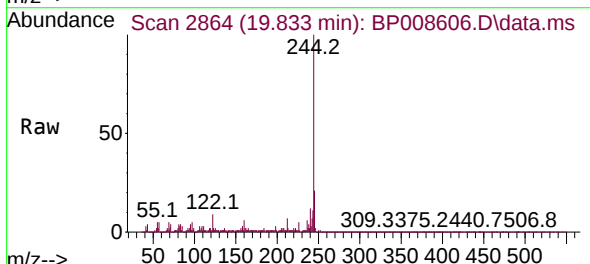
Instrument :
BNA_F
ClientSampleId :

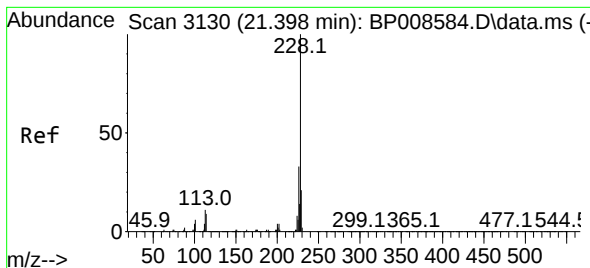
Tgt Ion:202 Resp: 564087
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 33.0 15.0 22.6#



#79
Terphenyl-d14
Concen: 68.221 ng
RT: 19.833 min Scan# 2864
Delta R.T. 0.006 min
Lab File: BP008606.D
Acq: 30 Dec 2021 12:50

Tgt Ion:244 Resp: 8421804
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.8 9.2 13.8#





#83

Chrysene

Concen: 2.489 ng

RT: 21.392 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

Instrument :

BNA_F

ClientSampleId :

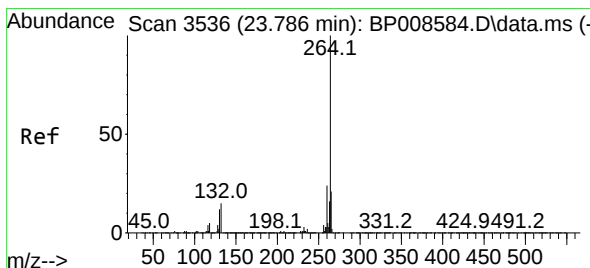
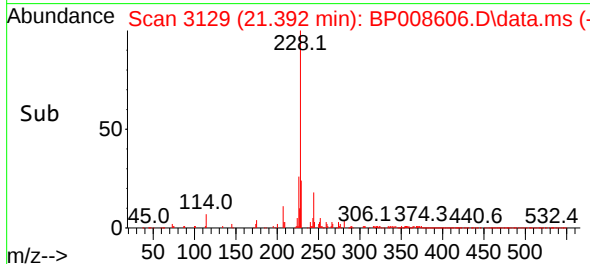
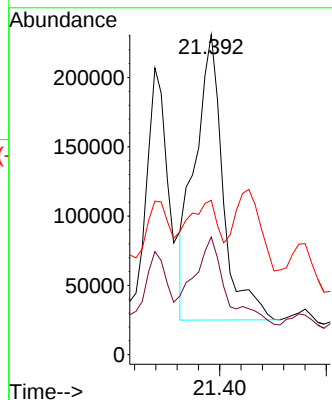
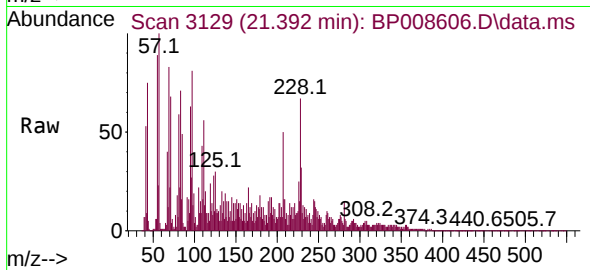
Tgt Ion:228 Resp: 380613

Ion Ratio Lower Upper

228 100

226 36.8 26.0 39.0

229 48.2 16.9 25.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.780 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BP008606.D

Acq: 30 Dec 2021 12:50

Tgt Ion:264 Resp: 3141239

Ion Ratio Lower Upper

264 100

260 24.3 19.1 28.7

265 22.0 17.1 25.7

