

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008477.D
 Acq On : 17 Dec 2021 18:27
 Operator : CG/JU
 Sample : M5084-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C4

Quant Time: Dec 18 07:16:04 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

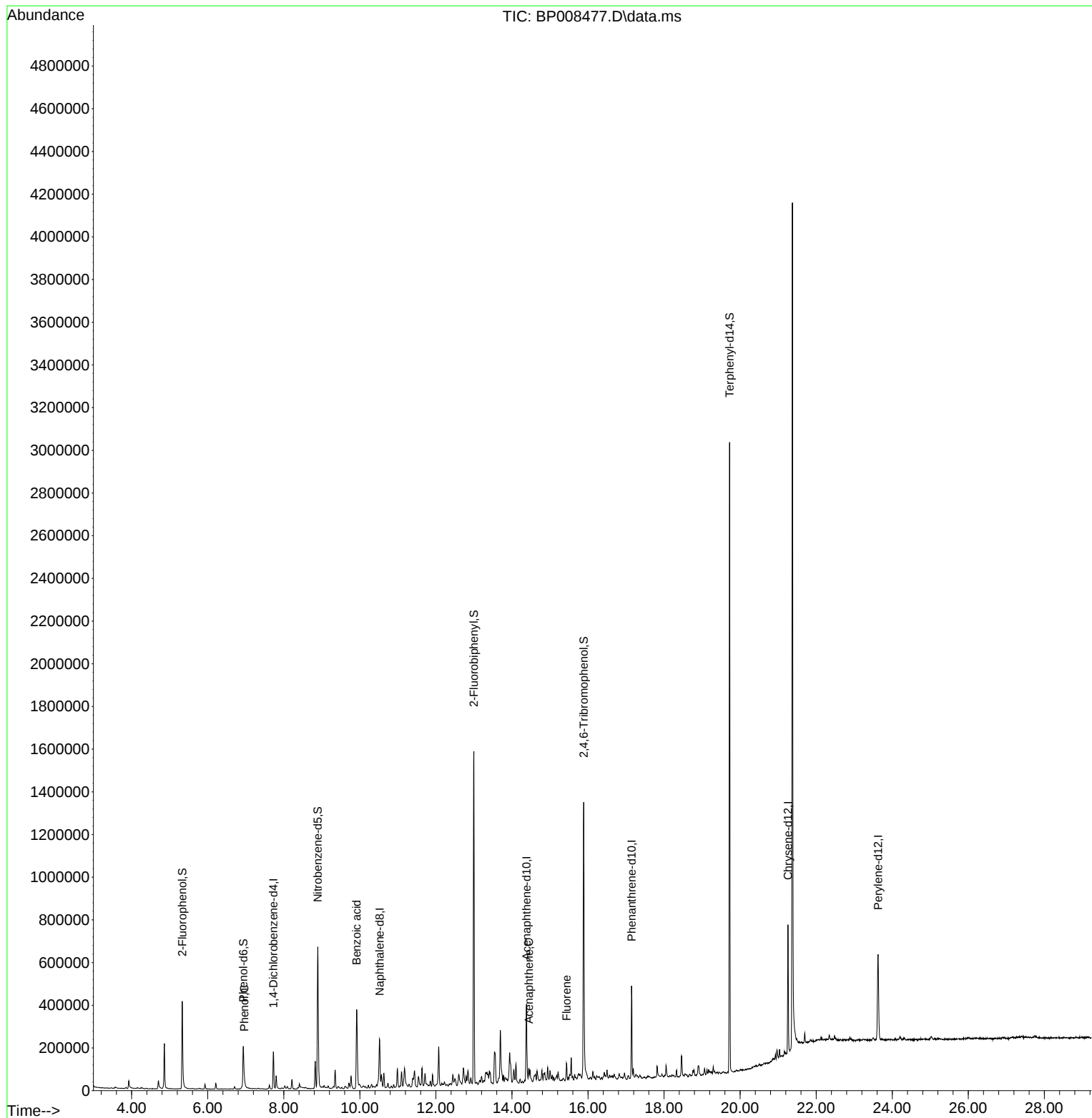
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	45826	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	171420	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	117607	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	251141	20.000	ng	0.00
76) Chrysene-d12	21.257	240	291575	20.000	ng	0.00
86) Perylene-d12	23.627	264	331579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	185022	63.762	ng	0.00
7) Phenol-d6	6.934	99	135402	34.743	ng	0.00
23) Nitrobenzene-d5	8.893	82	356821	88.185	ng	0.00
42) 2,4,6-Tribromophenol	15.887	330	263585	152.509	ng	0.00
45) 2-Fluorobiphenyl	12.999	172	772923	83.544	ng	0.00
79) Terphenyl-d14	19.722	244	1301093	77.661	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.964	94	13989	3.535	ng	77
32) Benzoic acid	9.916	122	18502	10.487	ng	# 33
52) Acenaphthene	14.446	154	19736	3.114	ng	97
58) Fluorene	15.440	166	32557	3.896	ng	96

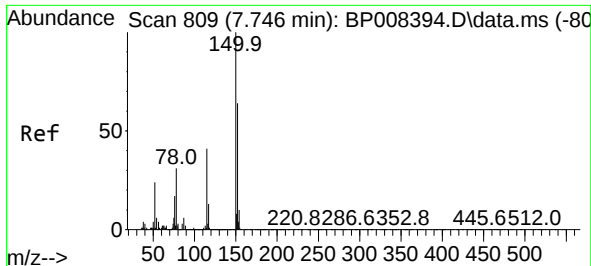
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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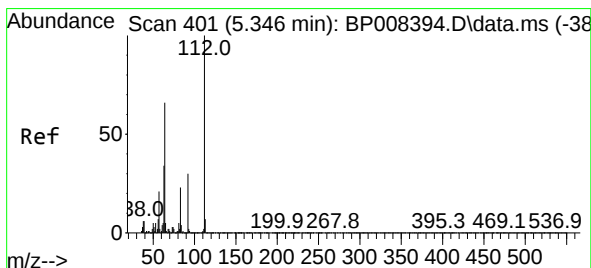
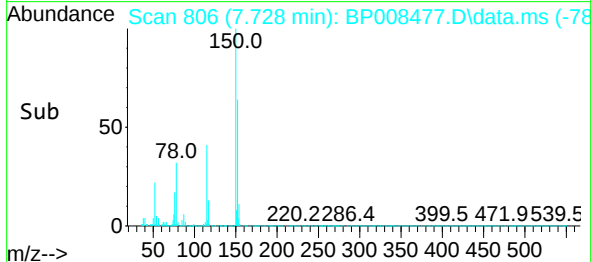
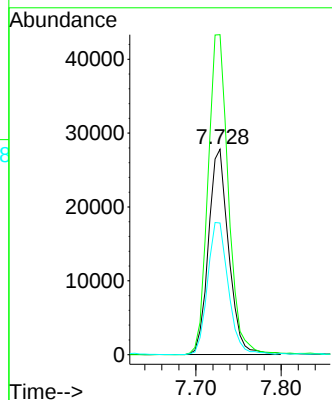
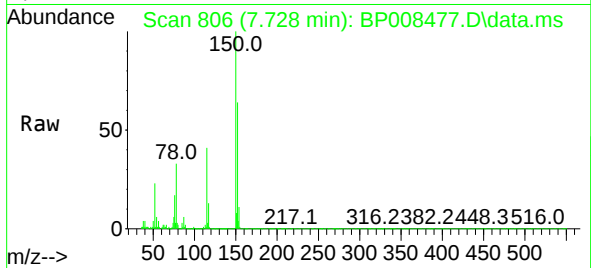




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

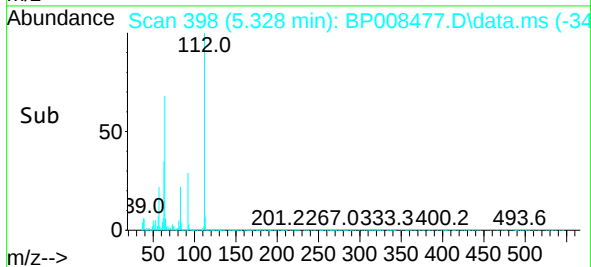
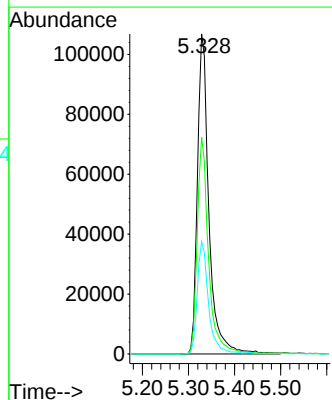
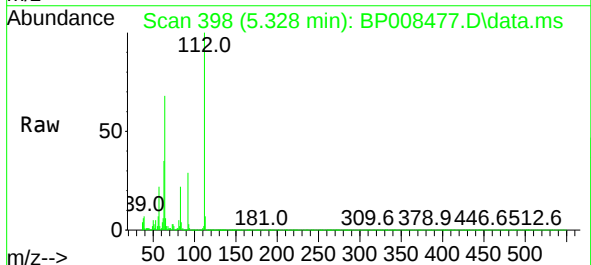
Instrument :
BNA_P
ClientSampleId :
C4

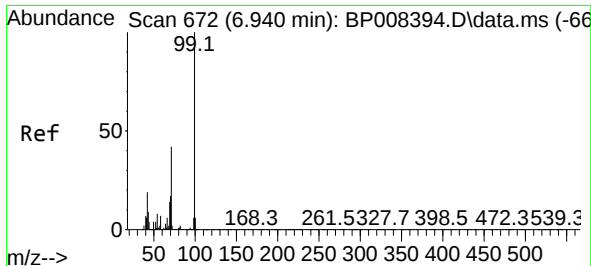
Tgt Ion:152 Resp: 45826
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 64.1 50.7 76.1



#5
2-Fluorophenol
Concen: 63.762 ng
RT: 5.328 min Scan# 398
Delta R.T. 0.000 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion:112 Resp: 185022
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 35.1 27.8 41.8

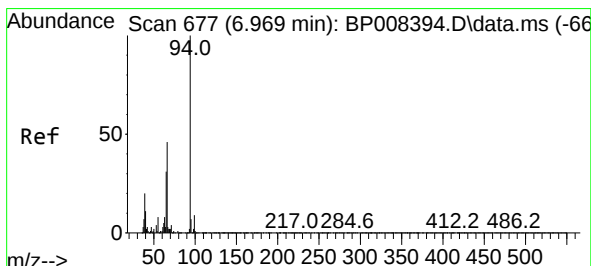
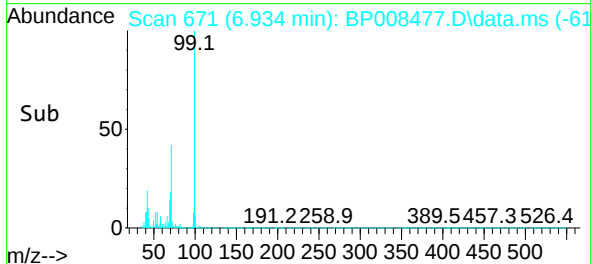
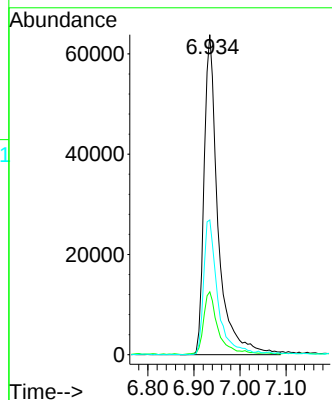
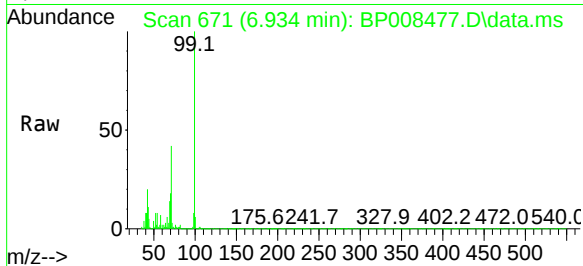




#7
Phenol-d6
Concen: 34.743 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

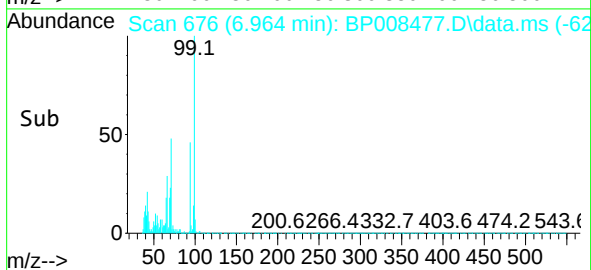
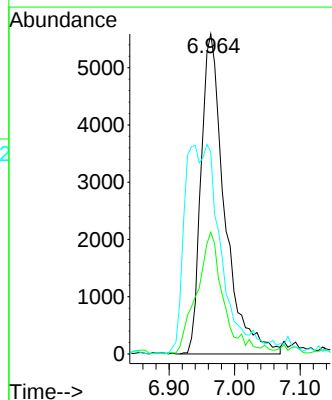
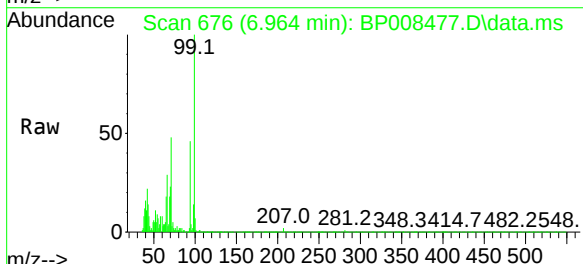
Instrument :
BNA_P
ClientSampleId :
C4

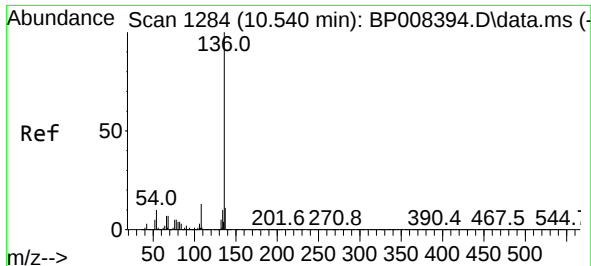
Tgt Ion: 99 Resp: 135402
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 42.1 31.1 46.7



#10
Phenol
Concen: 3.535 ng
RT: 6.964 min Scan# 676
Delta R.T. 0.012 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion: 94 Resp: 13989
Ion Ratio Lower Upper
94 100
65 38.1 10.9 50.9
66 63.2 24.3 64.3

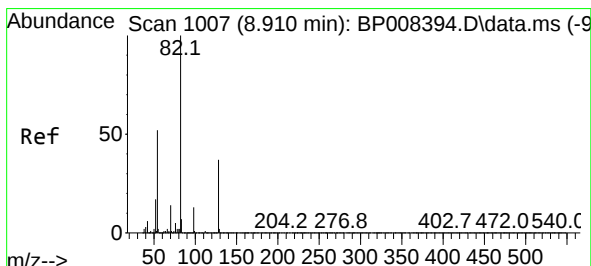
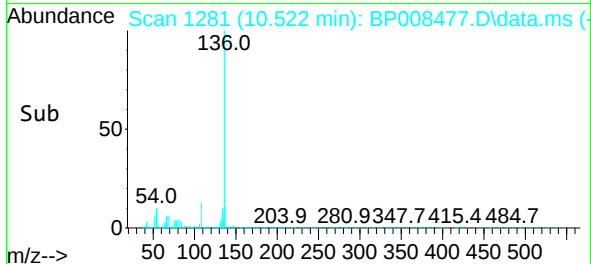
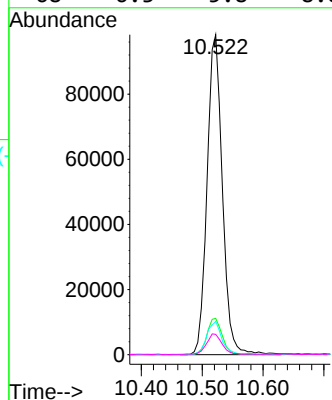
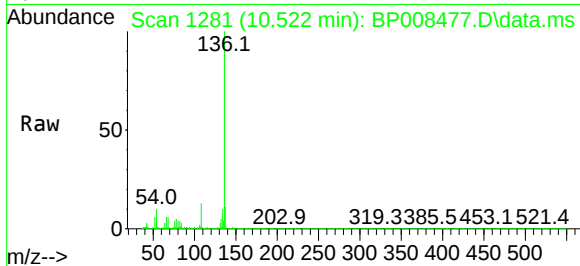




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

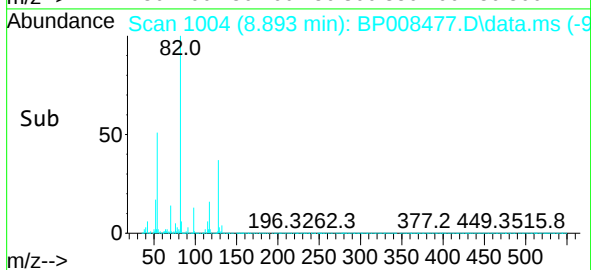
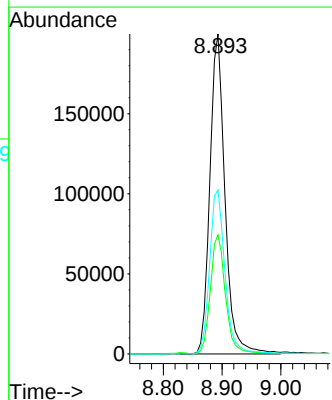
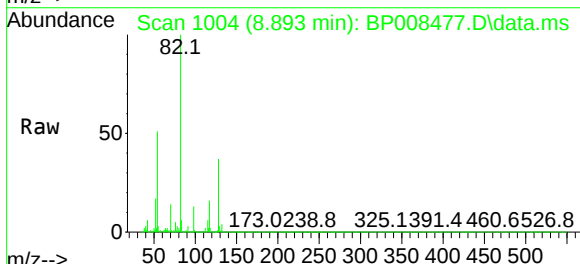
Instrument :
BNA_P
ClientSampleId :
C4

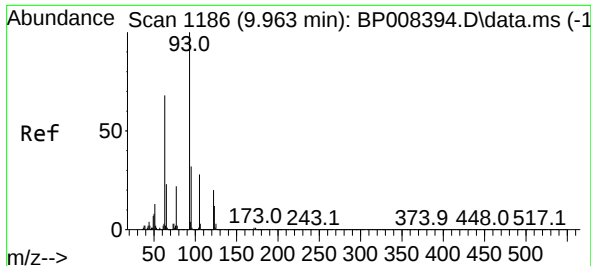
Tgt Ion:	136	Resp:	171420
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	10.4	8.2	12.4
68	6.3	5.8	8.8



#23
Nitrobenzene-d5
Concen: 88.185 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion:	82	Resp:	356821
Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.6	44.4
54	51.2	42.7	64.1

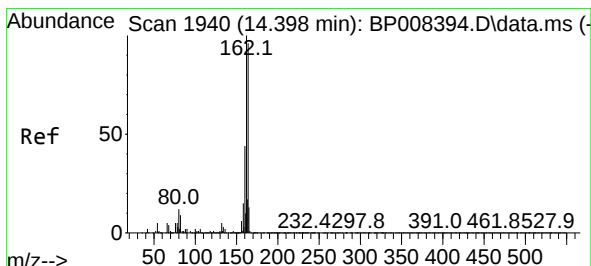
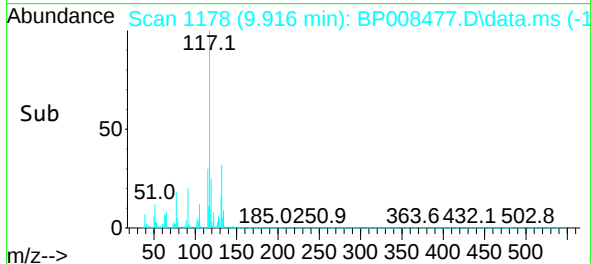
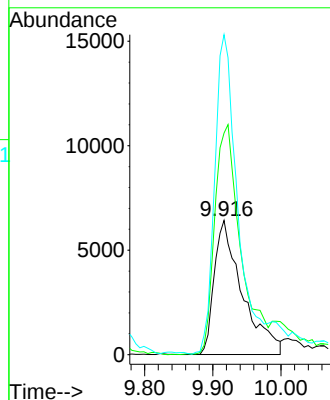
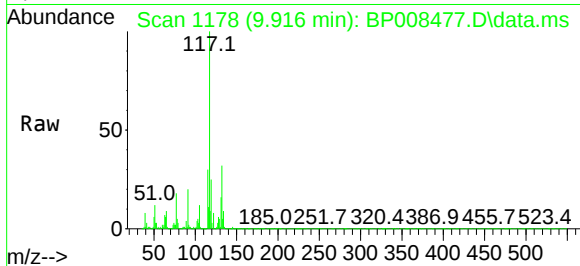




#32
Benzoic acid
Concen: 10.487 ng
RT: 9.916 min Scan# 1186
Delta R.T. -0.035 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

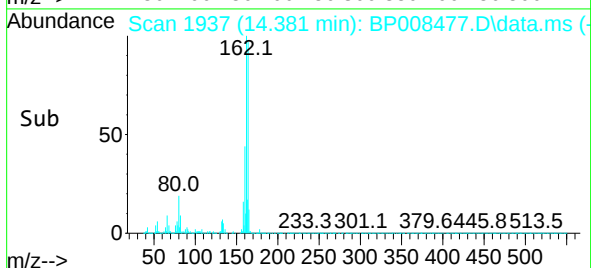
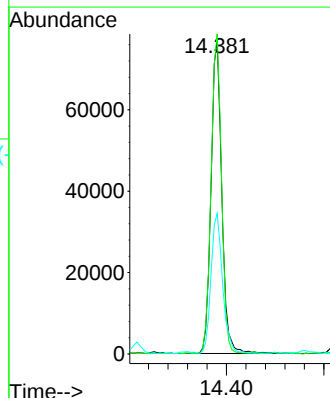
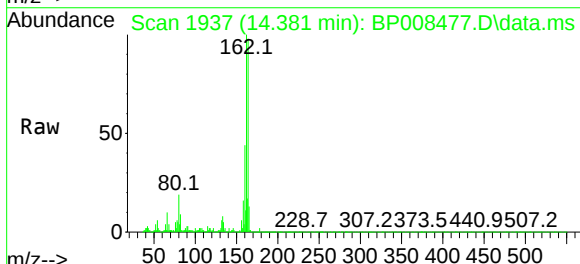
Instrument :
BNA_P
ClientSampleId :
C4

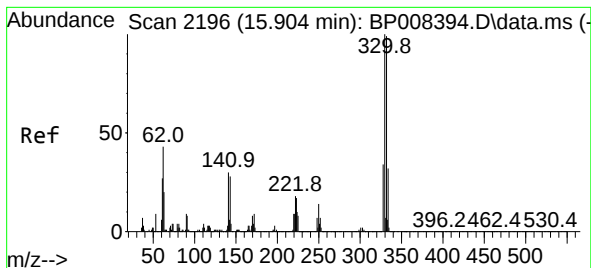
Tgt Ion:122 Resp: 18502
Ion Ratio Lower Upper
122 100
105 165.1 117.4 157.4#
77 238.4 89.2 129.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion:164 Resp: 117607
Ion Ratio Lower Upper
164 100
162 102.1 81.9 122.9
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 152.509 ng

RT: 15.887 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

Instrument :

BNA_P

ClientSampleId :

C4

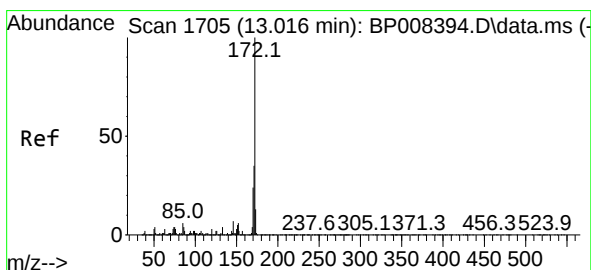
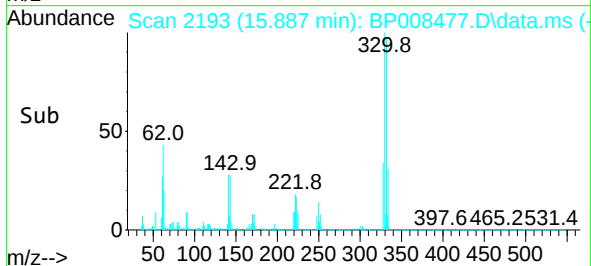
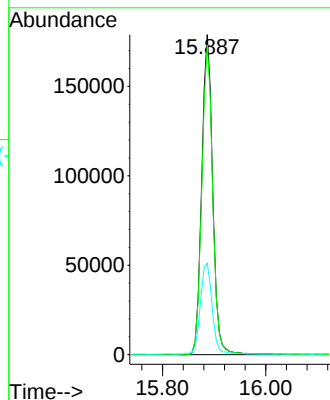
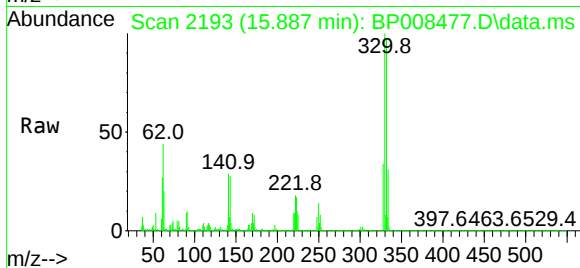
Tgt Ion:330 Resp: 263585

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 30.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 83.544 ng

RT: 12.999 min Scan# 1702

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

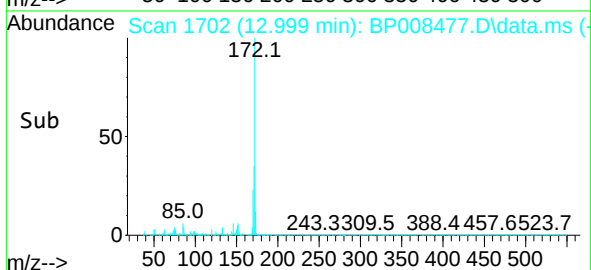
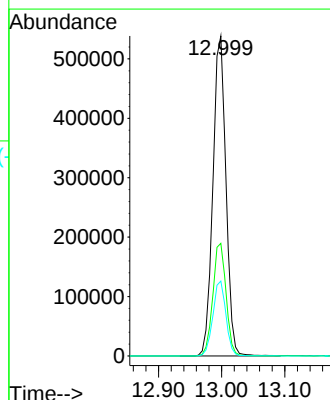
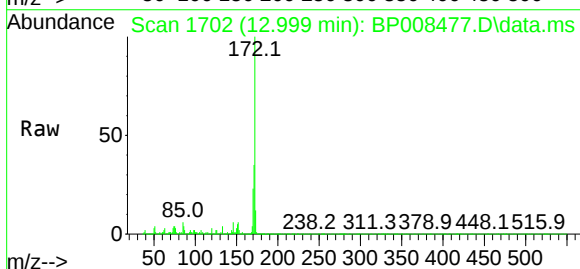
Tgt Ion:172 Resp: 772923

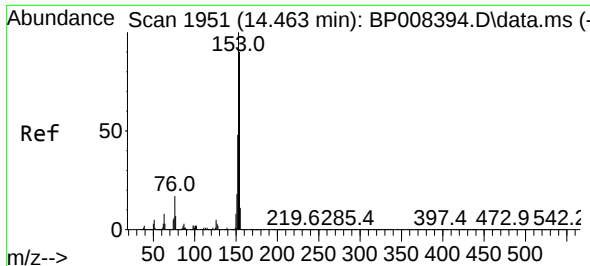
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.4 18.9 28.3

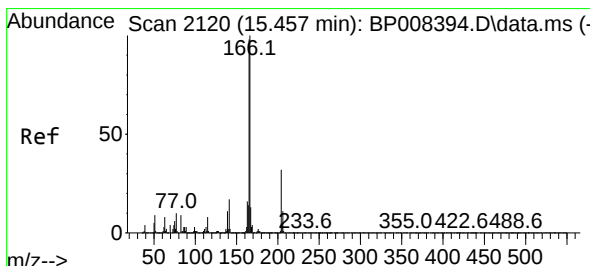
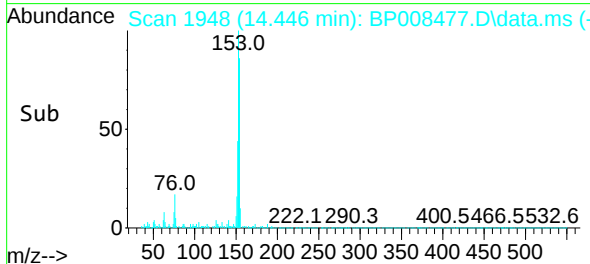
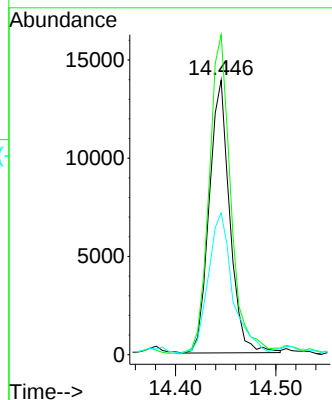
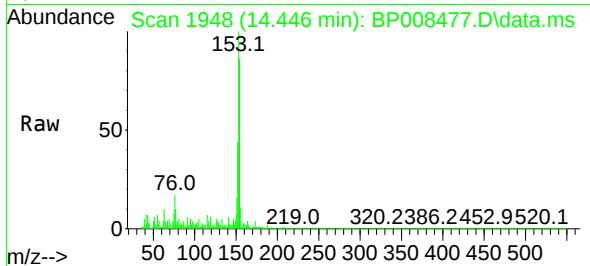




#52
Acenaphthene
Concen: 3.114 ng
RT: 14.446 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

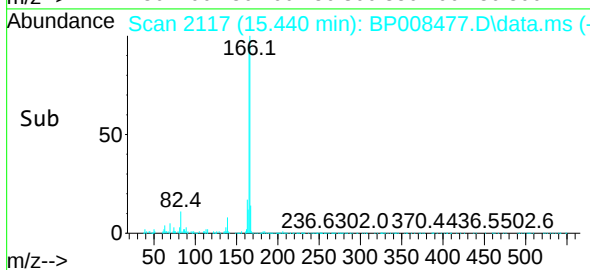
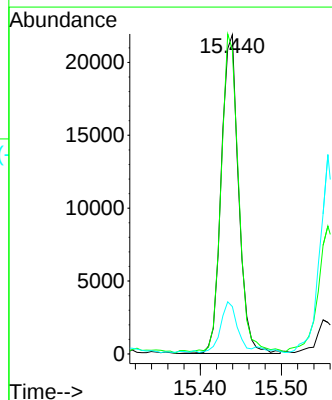
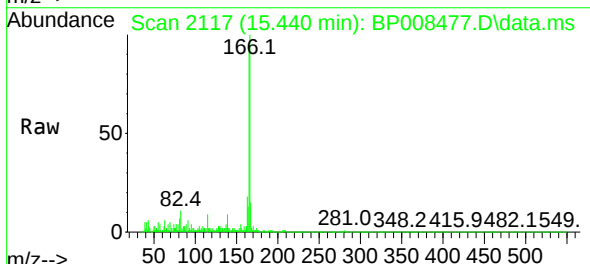
Instrument :
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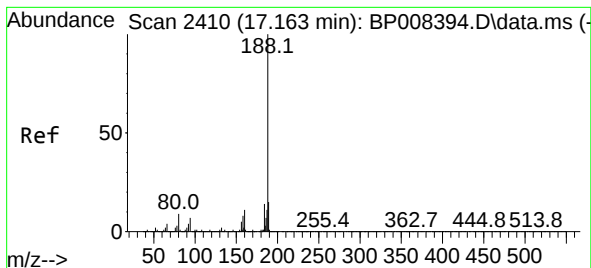
Tgt Ion:154 Resp: 19736
Ion Ratio Lower Upper
154 100
153 116.5 90.3 135.5
152 51.6 43.3 64.9



#58
Fluorene
Concen: 3.896 ng
RT: 15.440 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion:166 Resp: 32557
Ion Ratio Lower Upper
166 100
165 95.3 79.4 119.2
167 14.9 10.9 16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

Instrument :

BNA_P

ClientSampleId :

C4

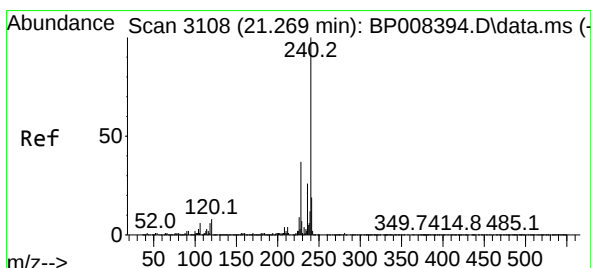
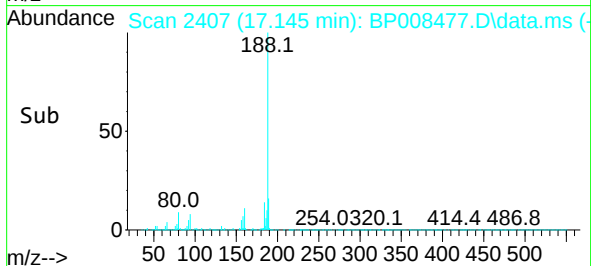
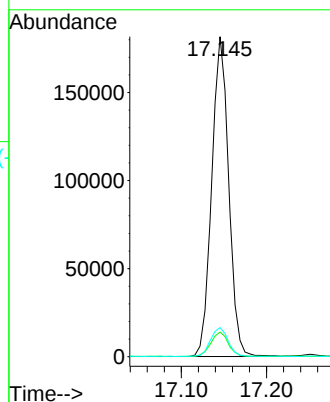
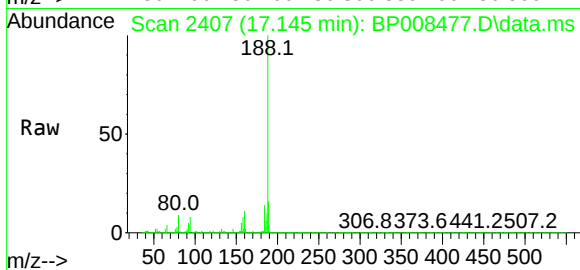
Tgt Ion:188 Resp: 251141

Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

80 9.1 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

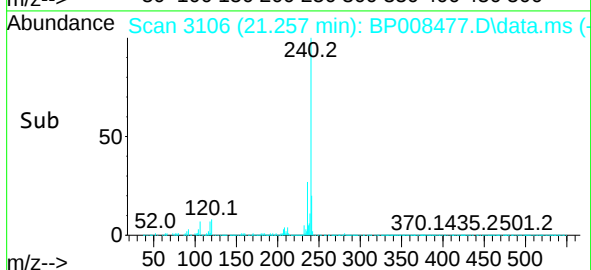
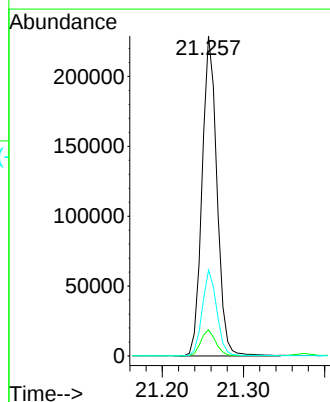
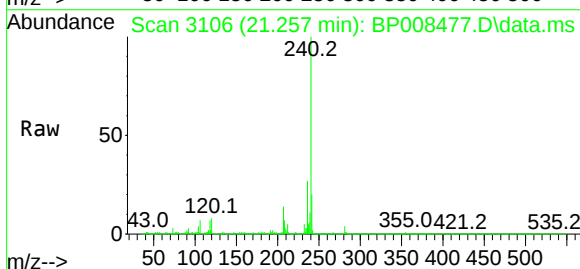
Tgt Ion:240 Resp: 291575

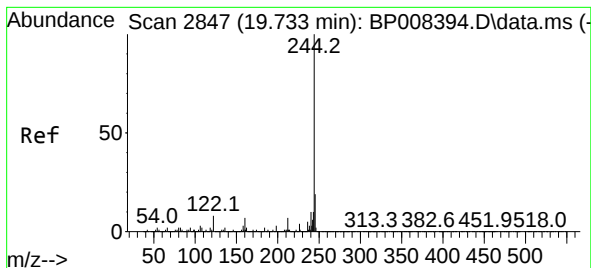
Ion Ratio Lower Upper

240 100

120 8.2 7.3 10.9

236 26.8 21.4 32.2





#79

Terphenyl-d14

Concen: 77.661 ng

RT: 19.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

Instrument :

BNA_P

ClientSampleId :

C4

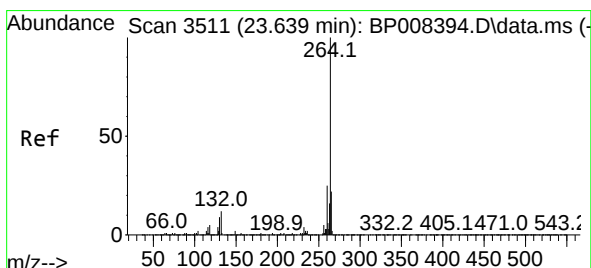
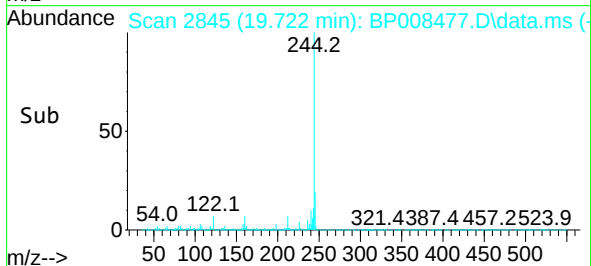
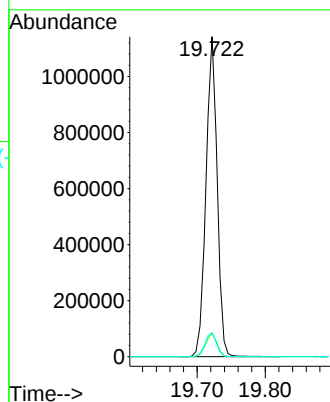
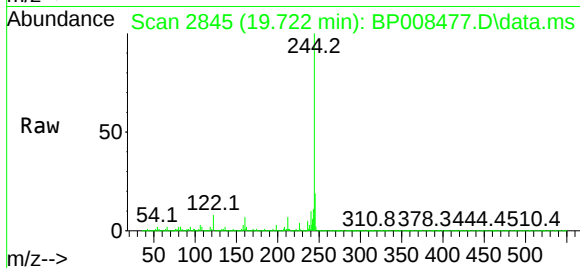
Tgt Ion:244 Resp: 1301093

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 7.5 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.627 min Scan# 3509

Delta R.T. -0.006 min

Lab File: BP008477.D

Acq: 17 Dec 2021 18:27

Tgt Ion:264 Resp: 331579

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.9 17.6 26.4

