

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008502.D
 Acq On : 18 Dec 2021 22:38
 Operator : CG/JU
 Sample : M5115-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:55:08 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)

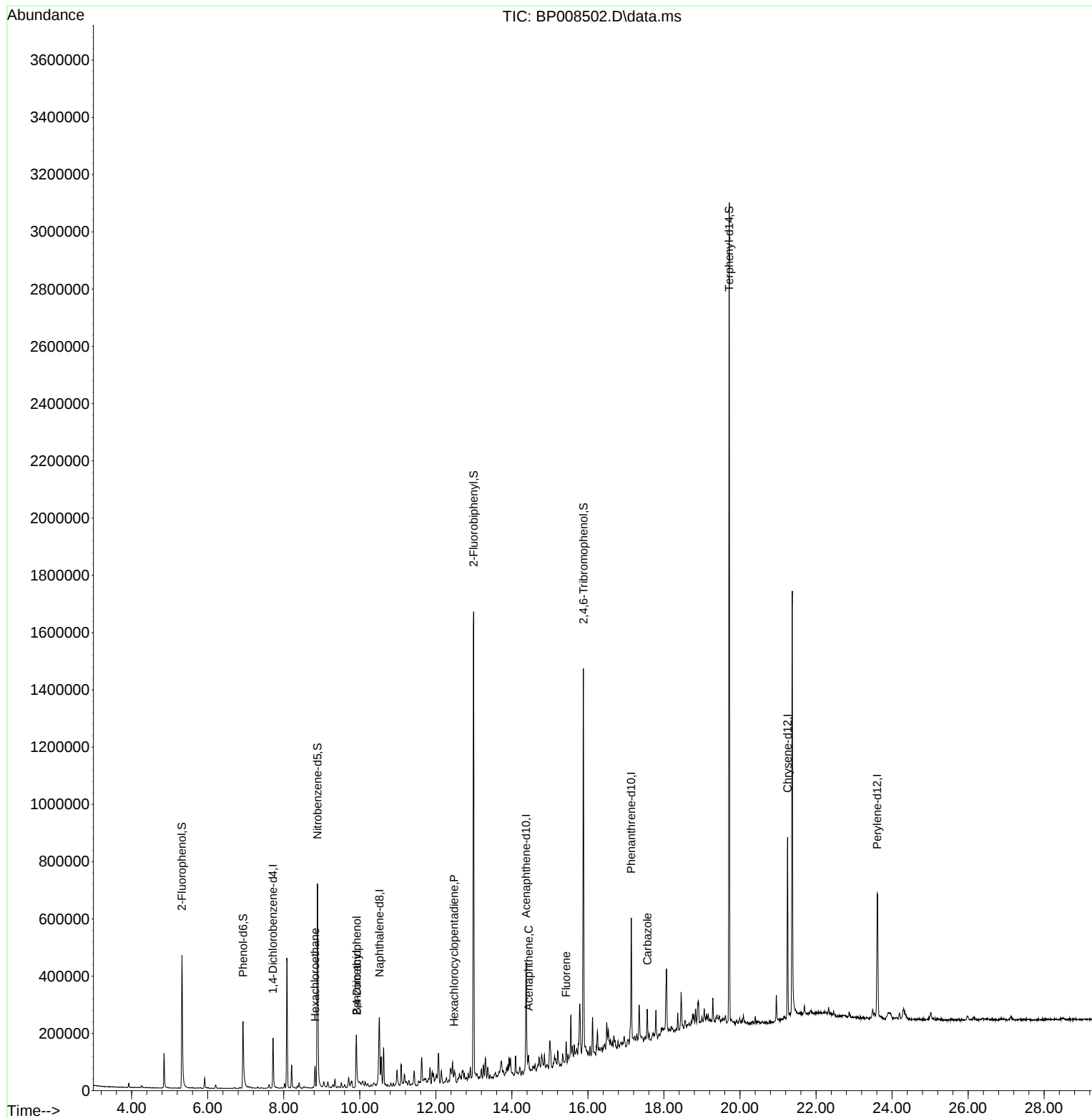
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	45547	20.000	ng	-0.01
21) Naphthalene-d8	10.516	136	177397	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	118829	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	247740	20.000	ng	-0.01
76) Chrysene-d12	21.251	240	297836	20.000	ng	-0.01
86) Perylene-d12	23.610	264	336451	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	209238	72.548	ng	0.00
7) Phenol-d6	6.928	99	165348	42.686	ng	0.00
23) Nitrobenzene-d5	8.887	82	381420	91.088	ng	-0.01
42) 2,4,6-Tribromophenol	15.881	330	255990	146.591	ng	-0.01
45) 2-Fluorobiphenyl	12.993	172	805736	86.195	ng	-0.01
79) Terphenyl-d14	19.716	244	1285742	75.132	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	79	Below Cal	#	1
9) Benzaldehyde	6.852	77	157	Below Cal	#	21
18) Hexachloroethane	8.822	117	27441	21.382	ng	# 11
27) 2,4-Dimethylphenol	9.922	122	18756	7.530	ng	# 1
32) Benzoic acid	9.922	122	18756	10.272	ng	# 83
41) Hexachlorocyclopentadiene	12.481	237	16	8.663	ng	84
52) Acenaphthene	14.440	154	17118	2.674	ng	93
58) Fluorene	15.428	166	28153	3.334	ng	# 92
73) Carbazole	17.563	167	53551	4.420	ng	# 97

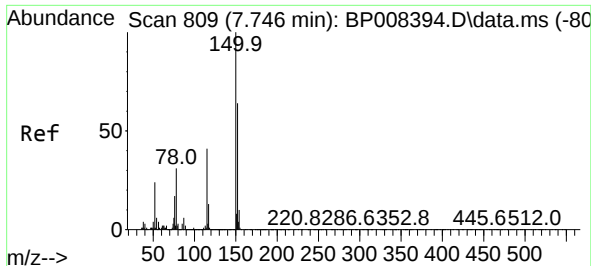
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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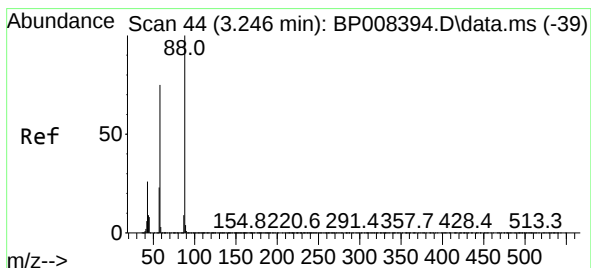
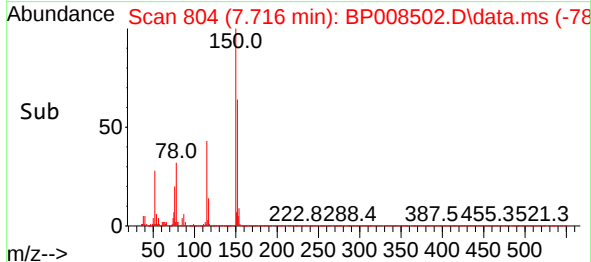
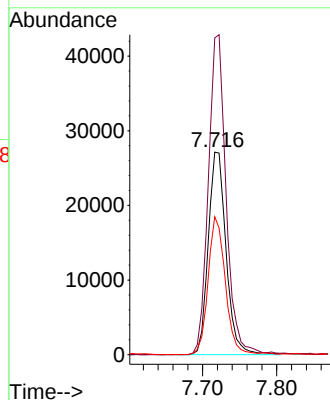
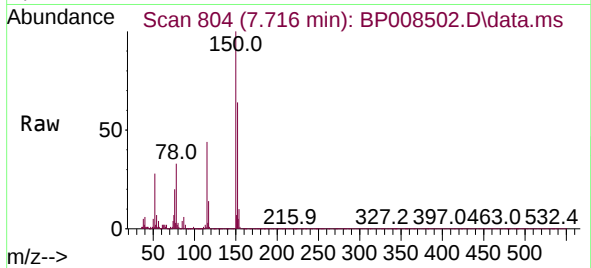




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008502.D
 Acq: 18 Dec 2021 22:38

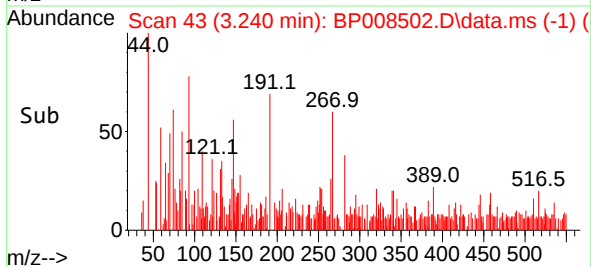
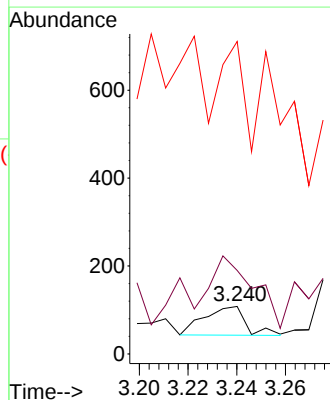
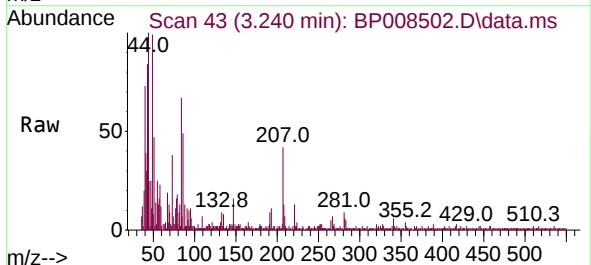
Instrument :
 BNA_P
 ClientSampleId :

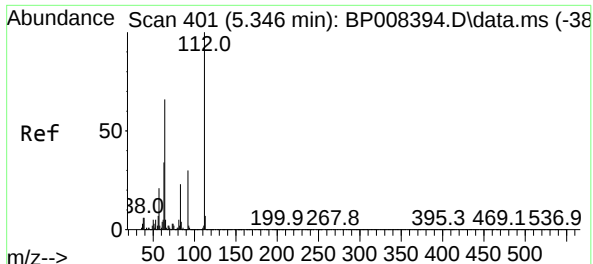
Tgt Ion:152 Resp: 45547
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.7 188.5
 115 68.1 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.240 min Scan# 43
 Delta R.T. 0.006 min
 Lab File: BP008502.D
 Acq: 18 Dec 2021 22:38

Tgt Ion: 88 Resp: 79
 Ion Ratio Lower Upper
 88 100
 58 353.2 63.5 95.3#
 43 0.0 23.4 35.2#

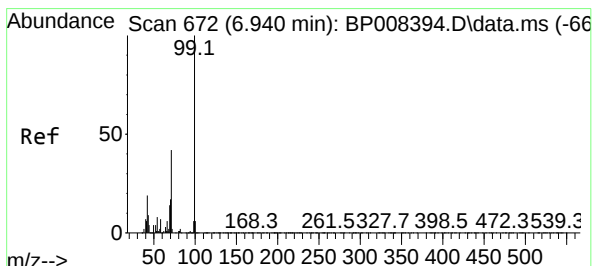
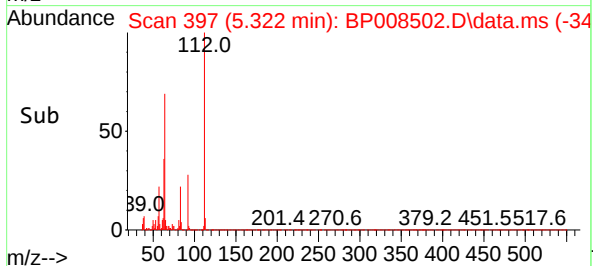
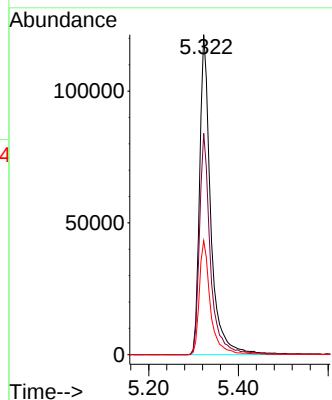
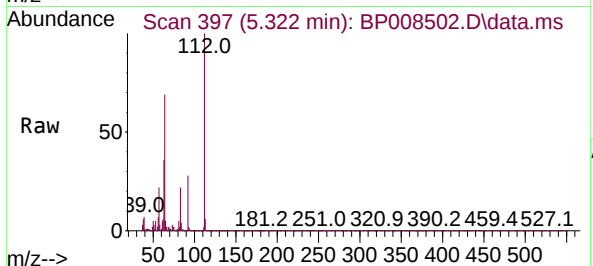




#5
2-Fluorophenol
Concen: 72.548 ng
RT: 5.322 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

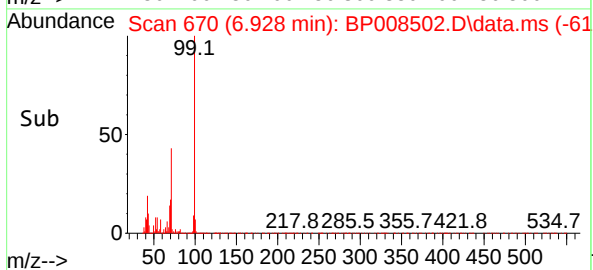
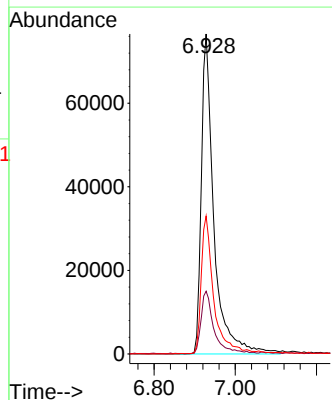
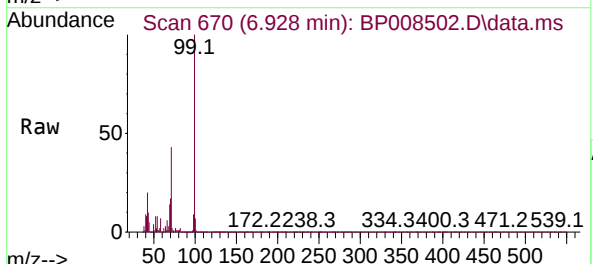
Instrument :
BNA_P
ClientSampleId :

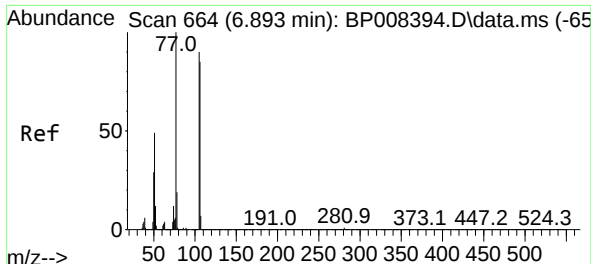
Tgt Ion:112 Resp: 209238
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 35.6 27.8 41.8



#7
Phenol-d6
Concen: 42.686 ng
RT: 6.928 min Scan# 670
Delta R.T. 0.000 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion: 99 Resp: 165348
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 43.1 31.1 46.7

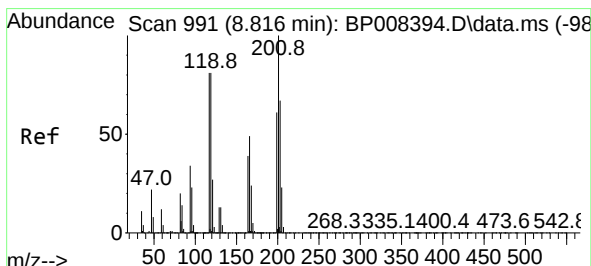
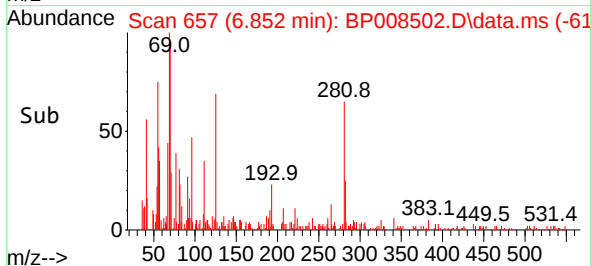
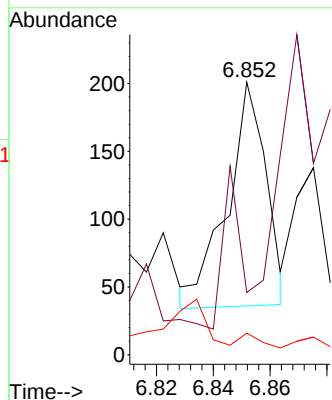
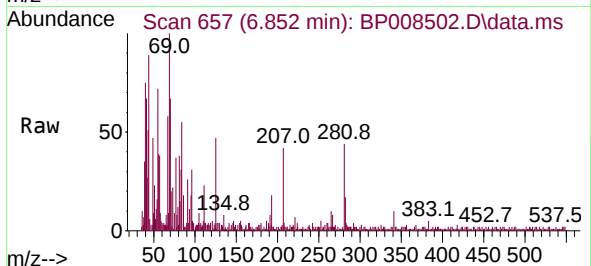




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

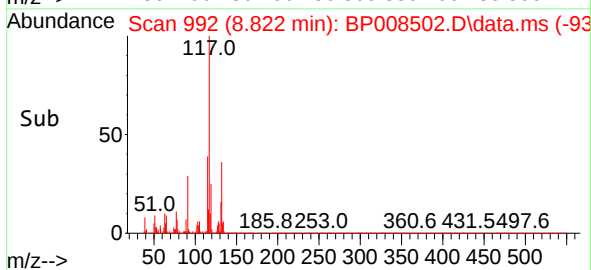
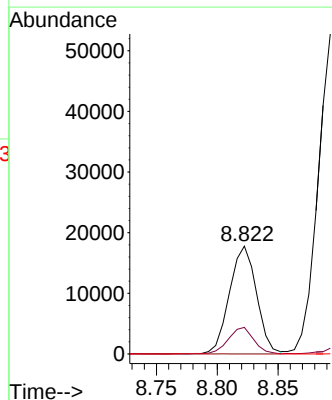
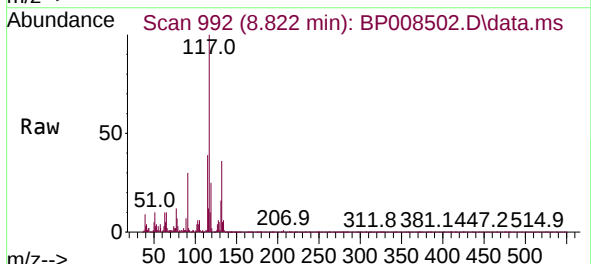
Instrument :
BNA_P
ClientSampleId :

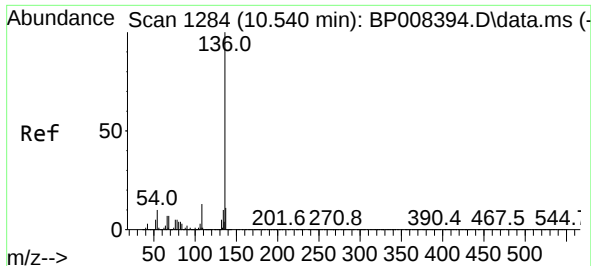
Tgt Ion: 77 Resp: 157
Ion Ratio Lower Upper
77 100
105 22.9 71.8 111.8#
106 8.0 67.3 107.3#



#18
Hexachloroethane
Concen: 21.382 ng
RT: 8.822 min Scan# 992
Delta R.T. 0.024 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion: 117 Resp: 27441
Ion Ratio Lower Upper
117 100
119 24.6 74.7 112.1#
201 0.0 88.6 132.8#

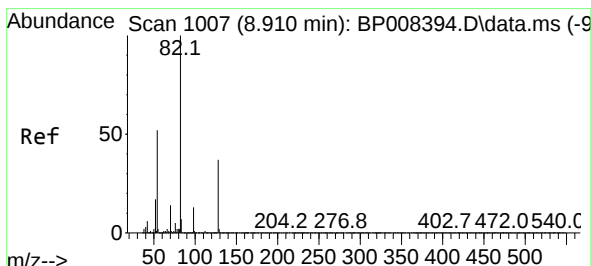
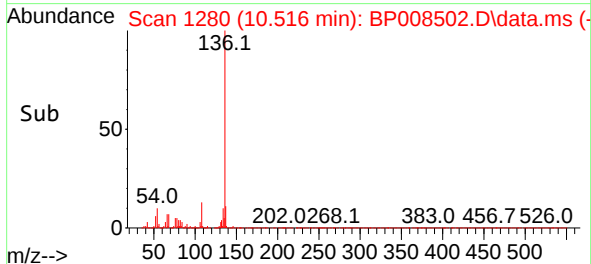
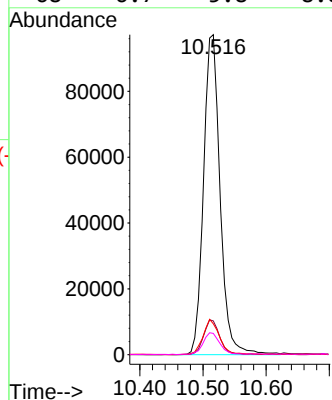
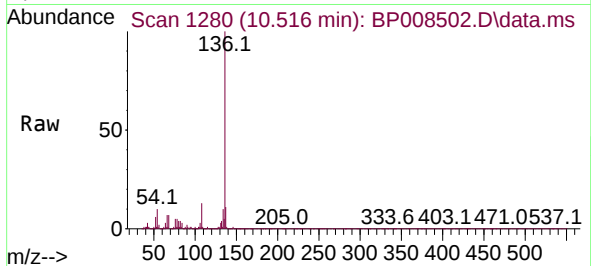




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

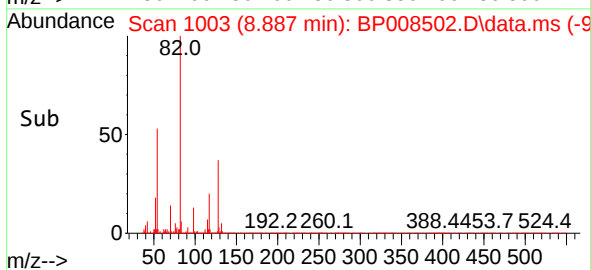
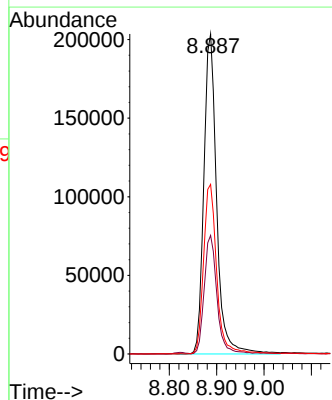
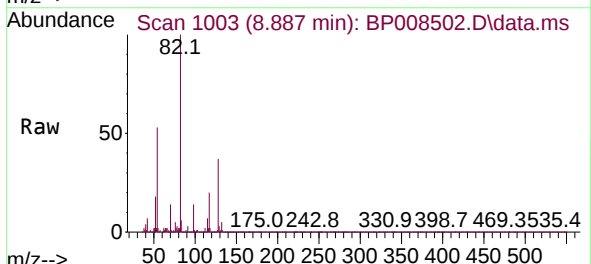
Instrument :
BNA_P
ClientSampleId :

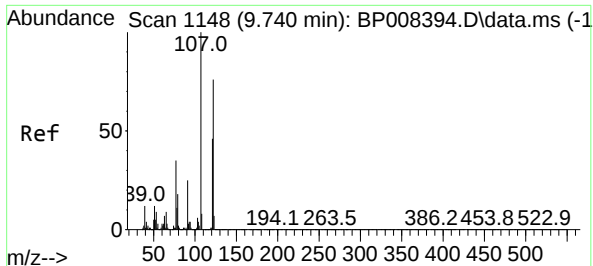
Tgt Ion:	136	Resp:	177397
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.0	13.6
54	9.6	8.2	12.4
68	6.7	5.8	8.8



#23
Nitrobenzene-d5
Concen: 91.088 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:	82	Resp:	381420
Ion Ratio	Lower	Upper	
82	100		
128	37.0	29.6	44.4
54	53.0	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 7.530 ng

RT: 9.922 min Scan# 1179

Delta R.T. 0.194 min

Lab File: BP008502.D

Acq: 18 Dec 2021 22:38

Instrument :

BNA_P

ClientSampleId :

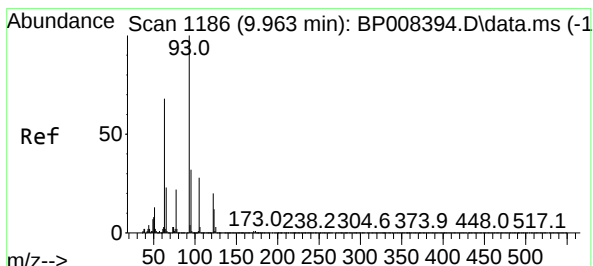
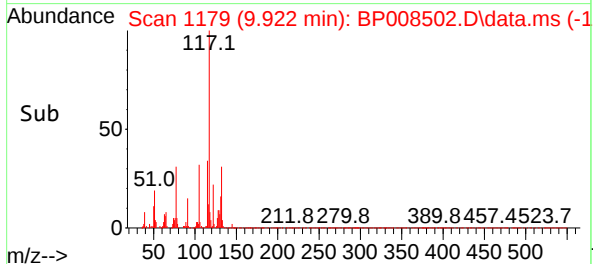
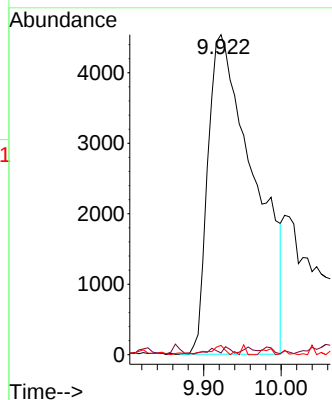
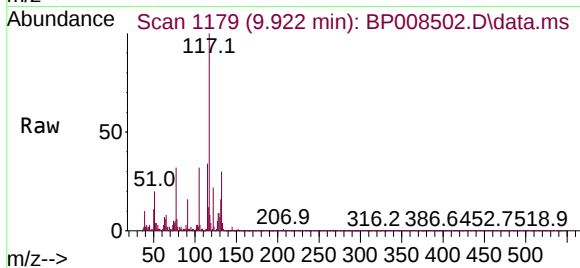
Tgt Ion:122 Resp: 18756

Ion Ratio Lower Upper

122 100

107 0.6 106.6 160.0#

121 2.9 48.1 72.1#



#32

Benzoic acid

Concen: 10.272 ng

RT: 9.922 min Scan# 1179

Delta R.T. -0.029 min

Lab File: BP008502.D

Acq: 18 Dec 2021 22:38

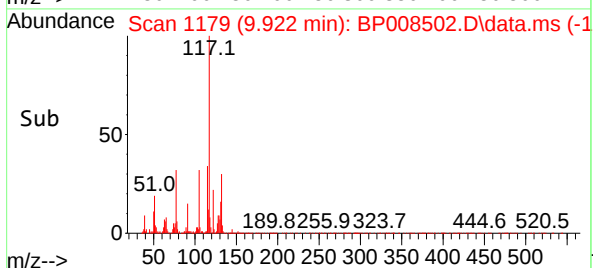
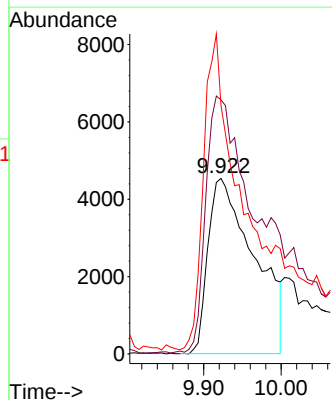
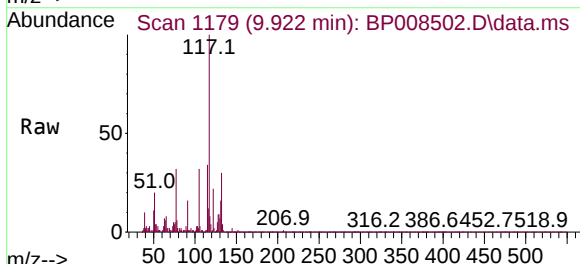
Tgt Ion:122 Resp: 18756

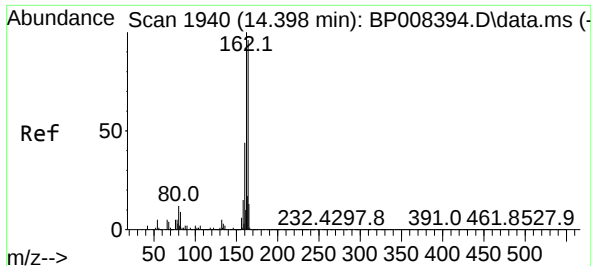
Ion Ratio Lower Upper

122 100

105 144.7 117.4 157.4

77 141.5 89.2 129.2#

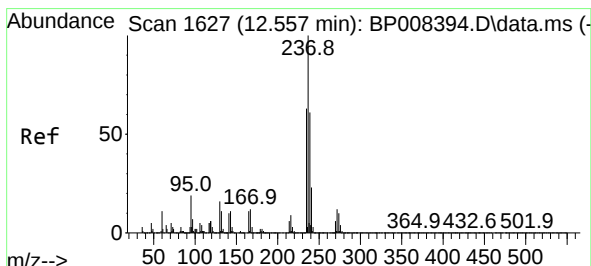
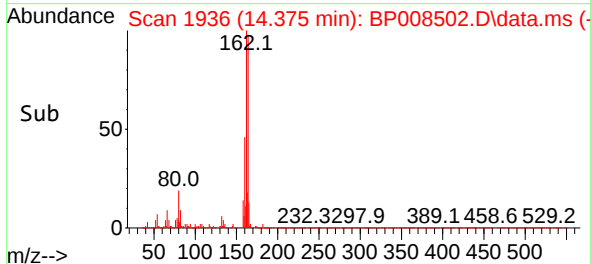
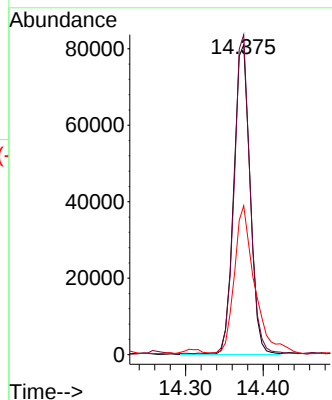
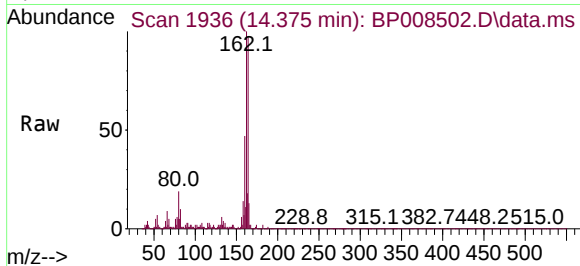




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

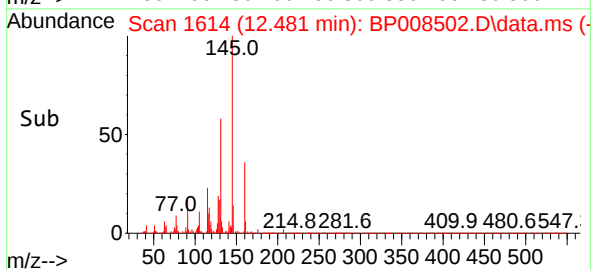
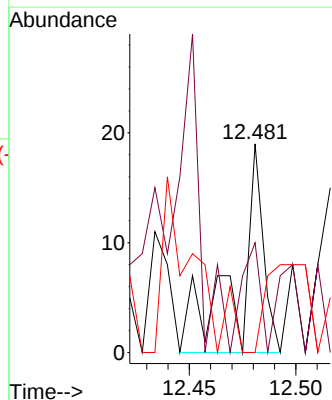
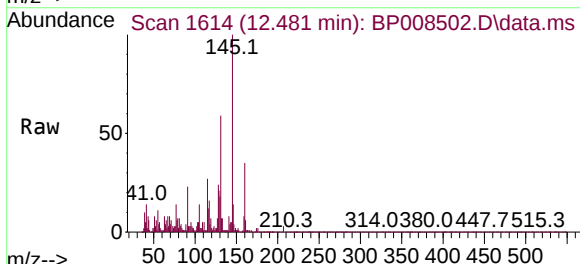
Instrument :
BNA_P
ClientSampleId :

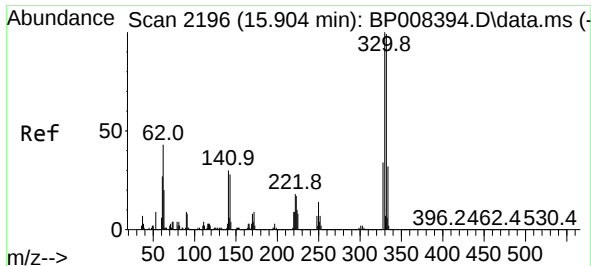
Tgt Ion:164 Resp: 118829
Ion Ratio Lower Upper
164 100
162 103.3 81.9 122.9
160 48.1 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.059 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

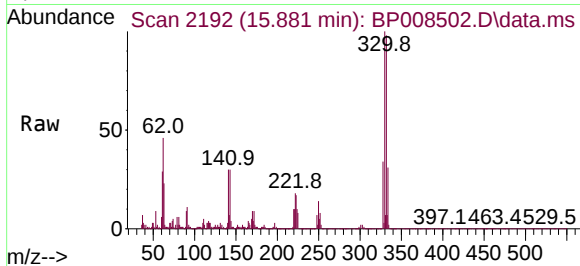
Tgt Ion:237 Resp: 16
Ion Ratio Lower Upper
237 100
235 52.6 42.3 82.3
272 0.0 0.0 32.2



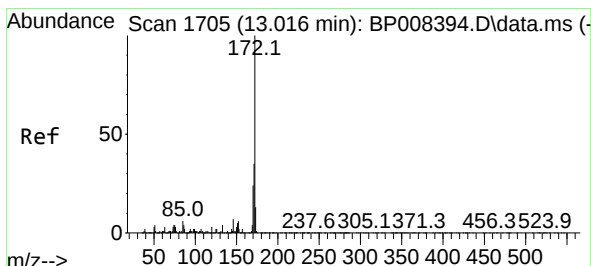
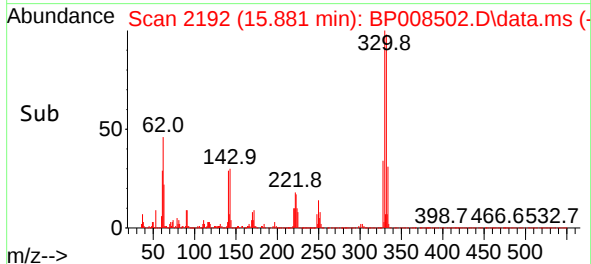
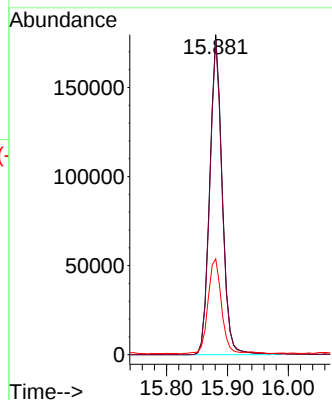


#42
2,4,6-Tribromophenol
Concen: 146.591 ng
RT: 15.881 min Scan# 2196
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :

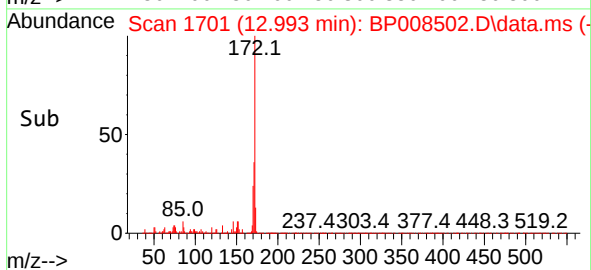
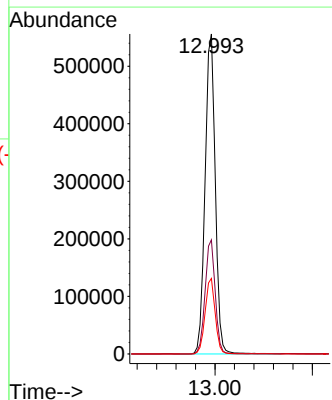
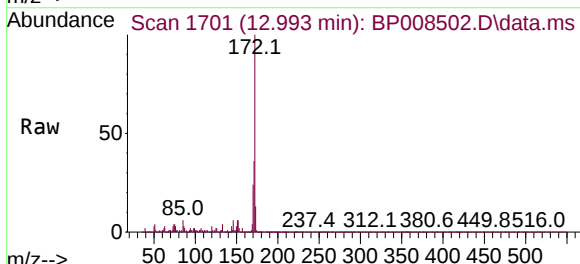


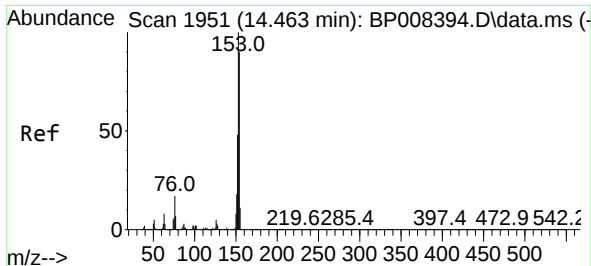
Tgt Ion:330 Resp: 255990
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 31.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 86.195 ng
RT: 12.993 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

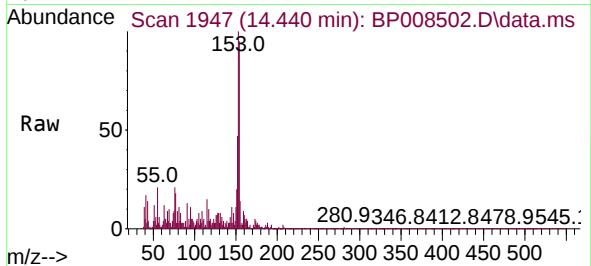
Tgt Ion:172 Resp: 805736
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.6 18.9 28.3



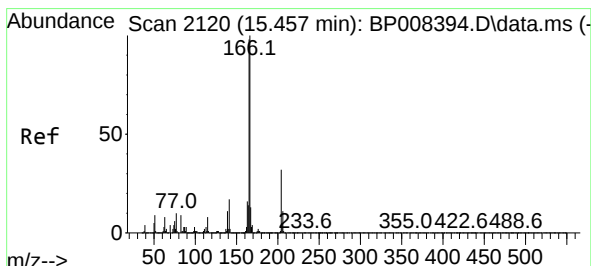
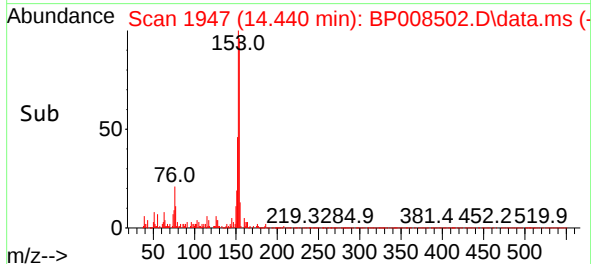
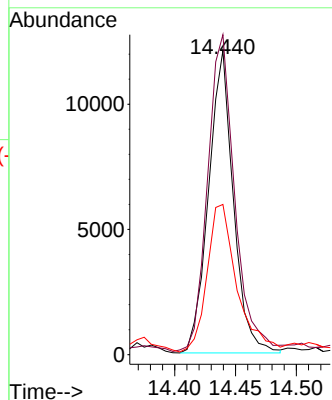


#52
Acenaphthene
Concen: 2.674 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Instrument :
BNA_P
ClientSampleId :

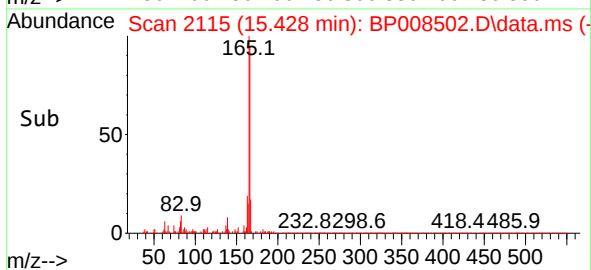
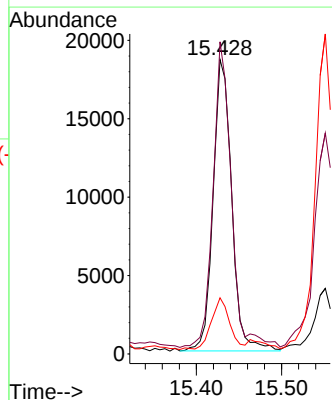
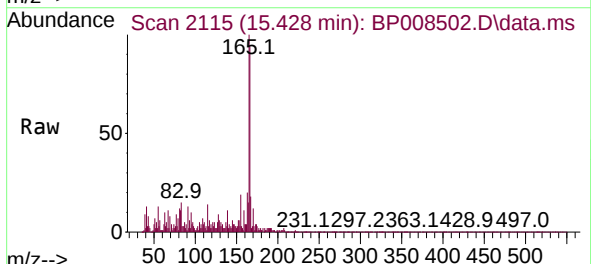


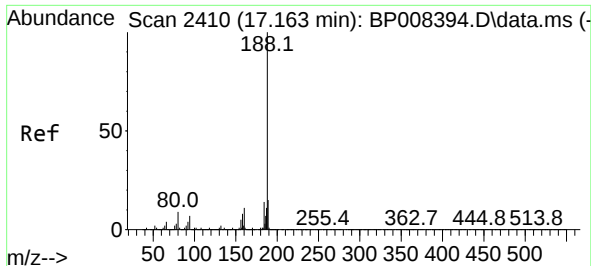
Tgt Ion:154 Resp: 17118
Ion Ratio Lower Upper
154 100
153 105.2 90.3 135.5
152 49.4 43.3 64.9



#58
Fluorene
Concen: 3.334 ng
RT: 15.428 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:166 Resp: 28153
Ion Ratio Lower Upper
166 100
165 106.0 79.4 119.2
167 19.1 10.9 16.3#

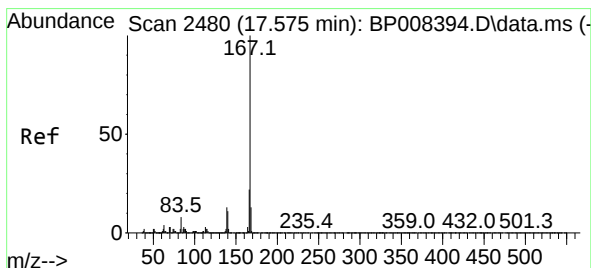
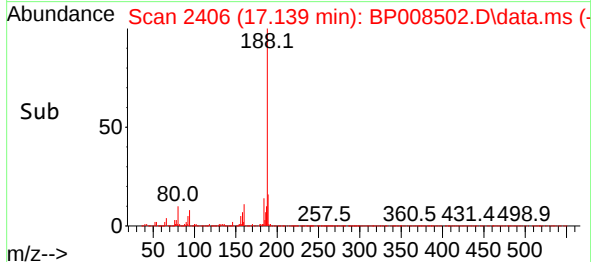
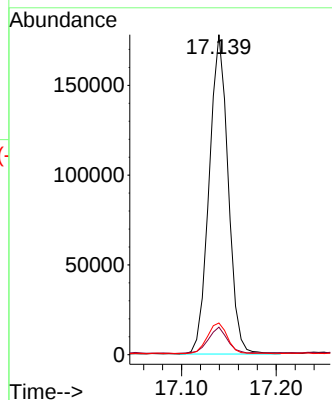
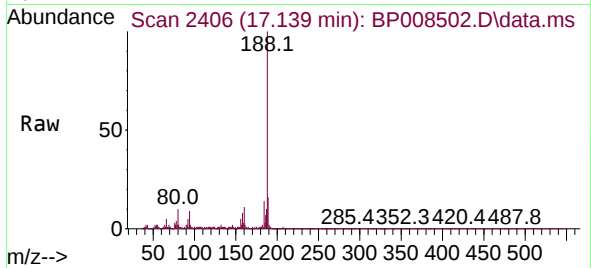




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

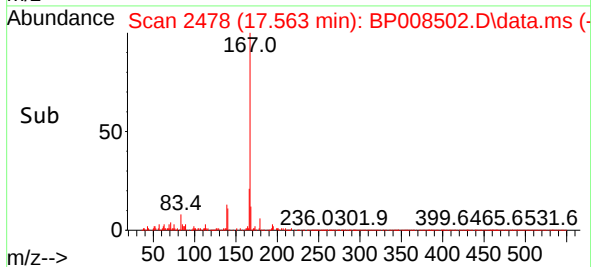
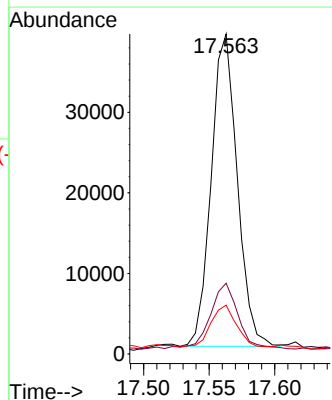
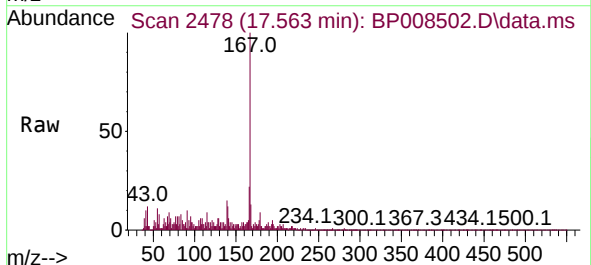
Instrument :
BNA_P
ClientSampleId :

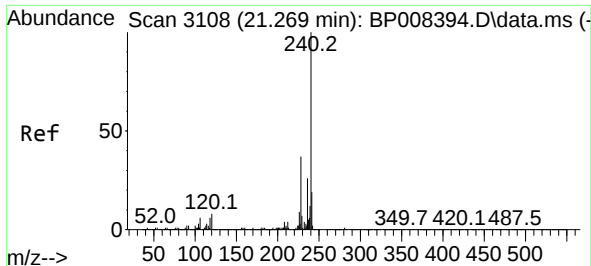
Tgt Ion:188 Resp: 247740
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.9 8.2 12.4



#73
Carbazole
Concen: 4.420 ng
RT: 17.563 min Scan# 2478
Delta R.T. -0.006 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

Tgt Ion:167 Resp: 53551
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 15.2 10.2 15.2#

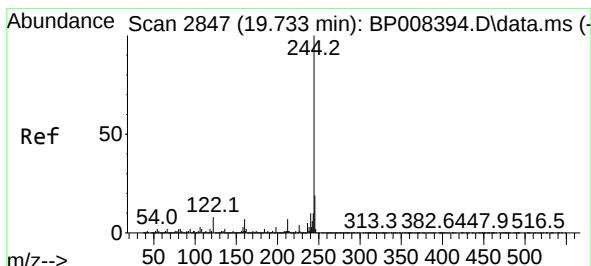
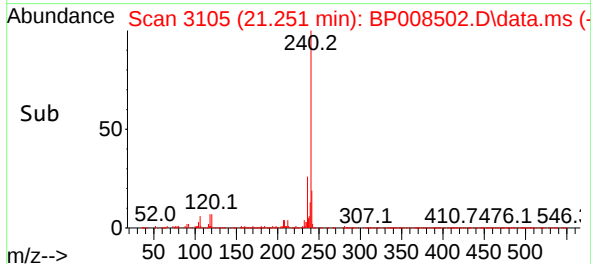
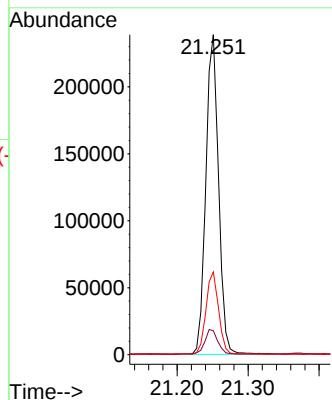
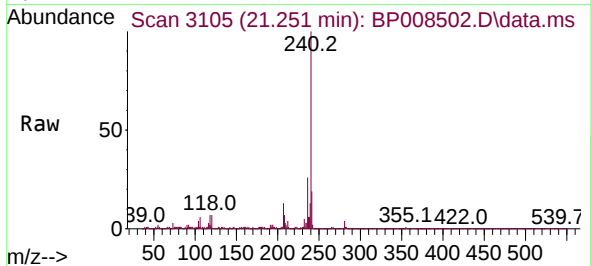




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.251 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

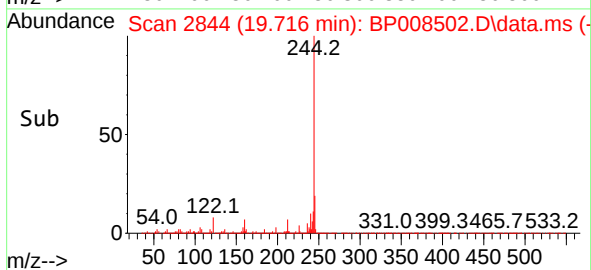
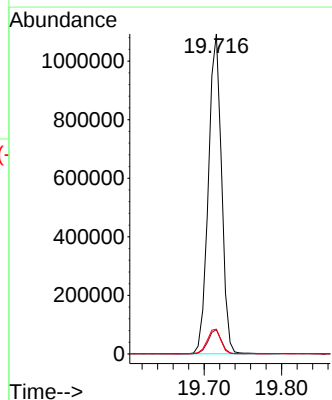
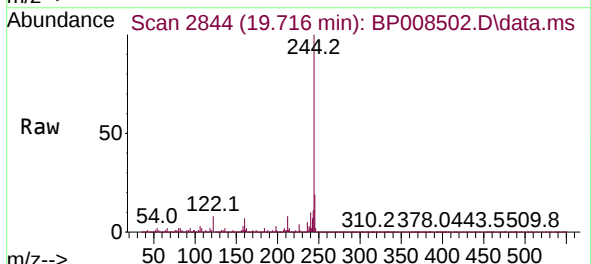
Instrument :
BNA_P
ClientSampleId :

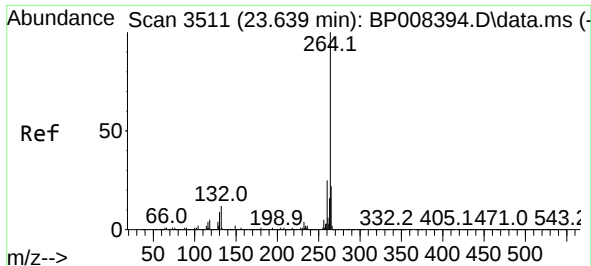
Tgt Ion:240 Resp: 297836
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 75.132 ng
RT: 19.716 min Scan# 2844
Delta R.T. -0.012 min
Lab File: BP008502.D
Acq: 18 Dec 2021 22:38

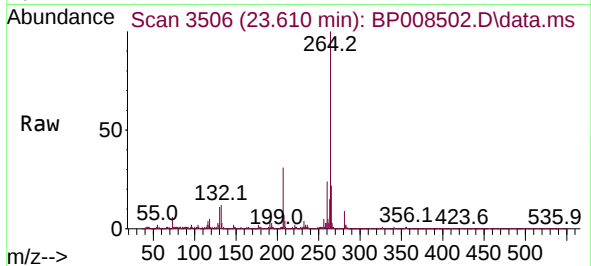
Tgt Ion:244 Resp: 1285742
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.8 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.610 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: BP008502.D
 Acq: 18 Dec 2021 22:38

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:264 Resp: 336451

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.4	17.6	26.4

