

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 06:16:32 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

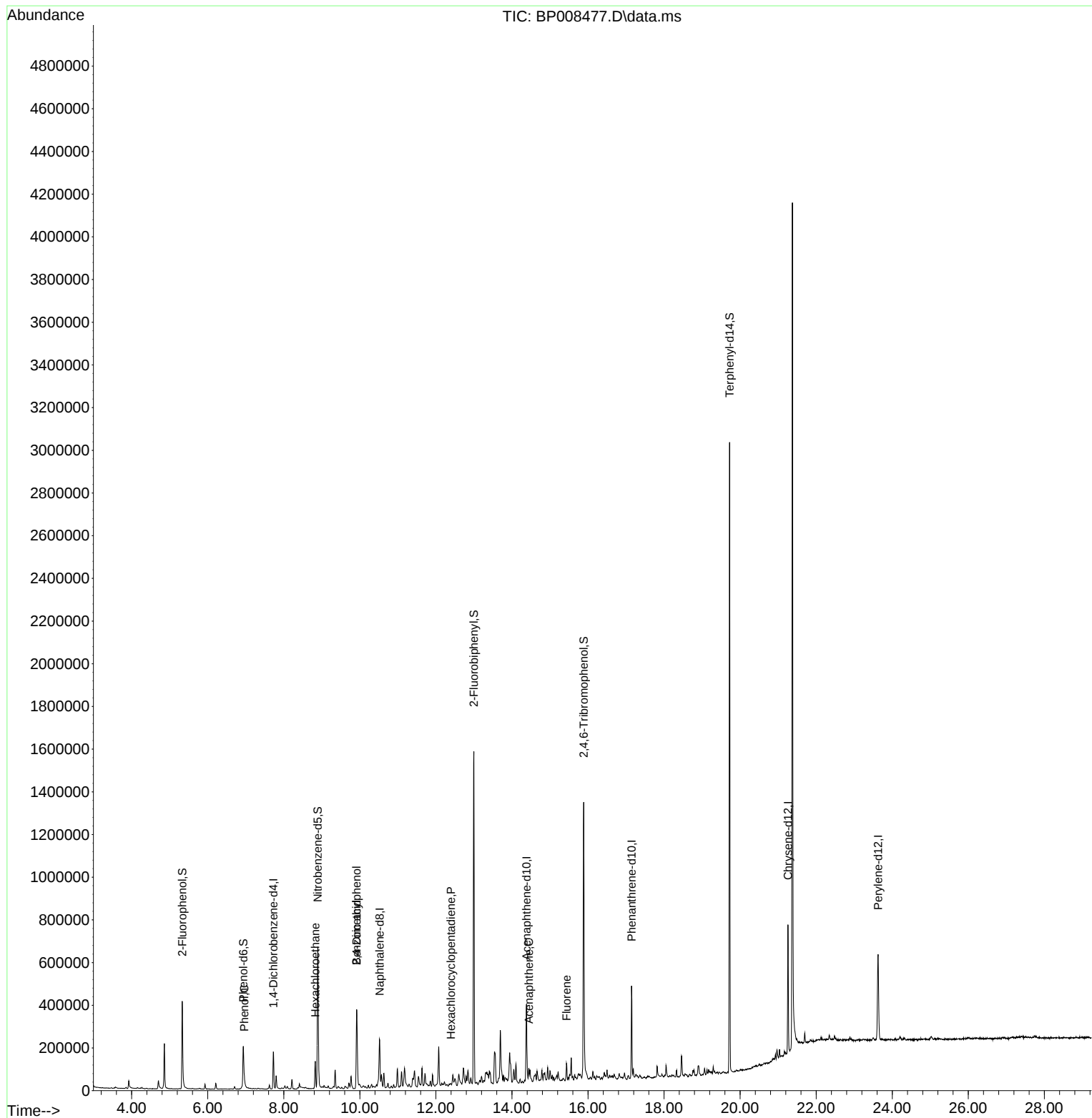
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	46002	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	171420	20.000	ng	-0.02
39) Acenaphthene-d10	14.381	164	117607	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	251141	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	291575	20.000	ng	-0.01
86) Perylene-d12	23.627	264	331579	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	185022	63.518	ng	-0.02
7) Phenol-d6	6.934	99	135402	34.610	ng	0.00
23) Nitrobenzene-d5	8.893	82	356821	88.185	ng	-0.02
42) 2,4,6-Tribromophenol	15.887	330	263585	152.509	ng	-0.02
45) 2-Fluorobiphenyl	12.999	172	772923	83.544	ng	-0.02
79) Terphenyl-d14	19.722	244	1301093	77.661	ng	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.234	88	63	Below Cal	#	1
9) Benzaldehyde	6.899	77	5122	Below Cal		90
10) Phenol	6.964	94	13989	3.521	ng	77
18) Hexachloroethane	8.828	117	24495	18.897	ng	# 2
27) 2,4-Dimethylphenol	9.916	122	18502	7.687	ng	# 1
32) Benzoic acid	9.916	122	18502	10.487	ng	# 33
41) Hexachlorocyclopentadiene	12.393	237	7	8.657	ng	74
52) Acenaphthene	14.446	154	19736	3.114	ng	97
58) Fluorene	15.440	166	32557	3.896	ng	96

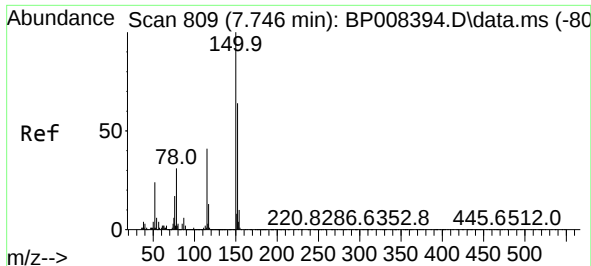
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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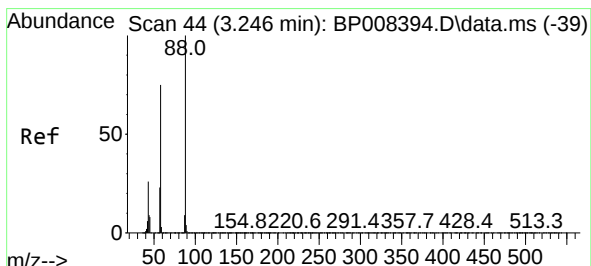
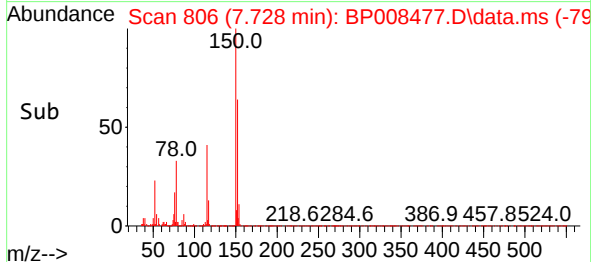
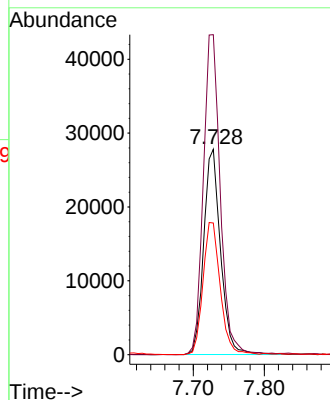
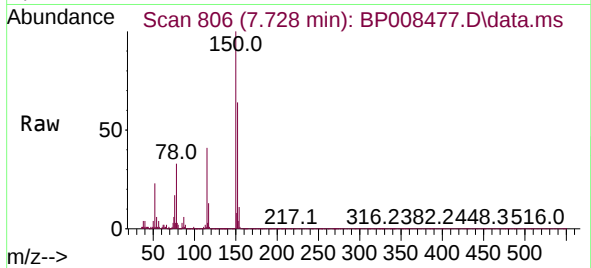




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

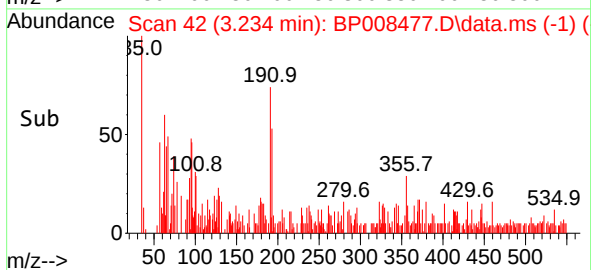
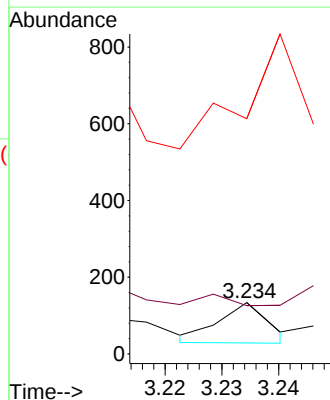
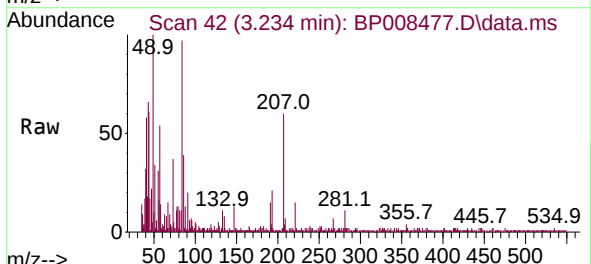
Instrument :
BNA_P
ClientSampleId :
C4

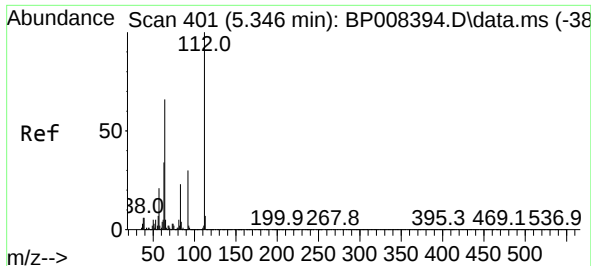
Tgt Ion:152 Resp: 46002
Ion Ratio Lower Upper
152 100
150 155.7 125.7 188.5
115 64.1 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
58 54.0 63.5 95.3#
43 530.2 23.4 35.2#

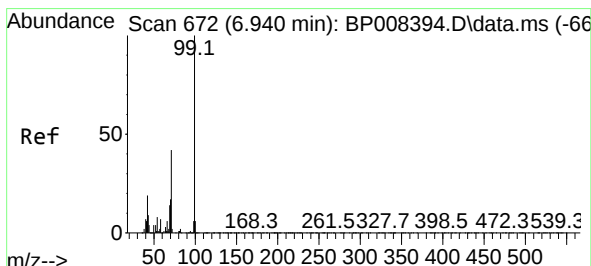
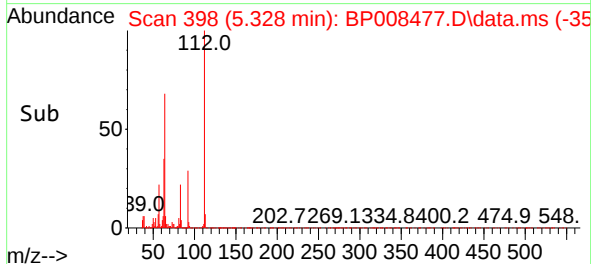
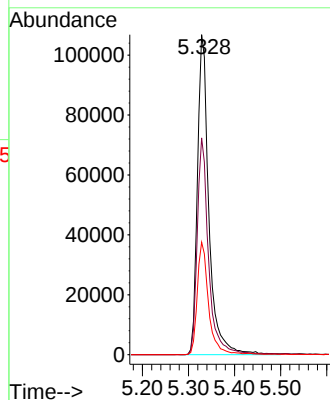
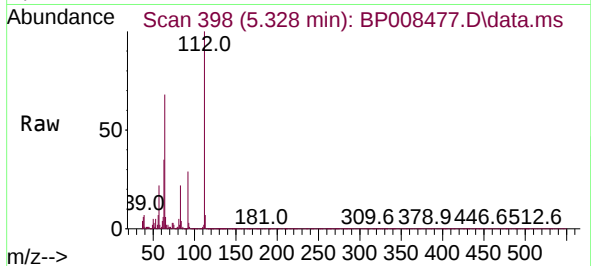




#5
2-Fluorophenol
Concen: 63.518 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

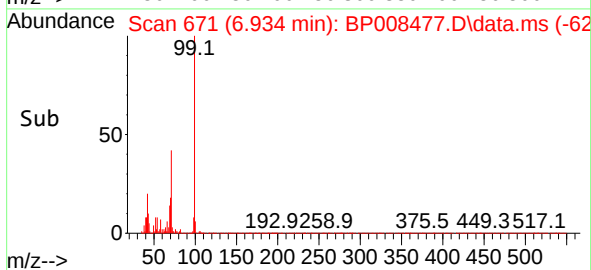
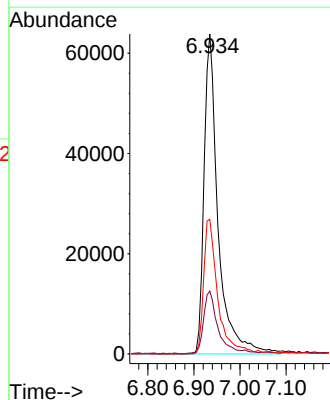
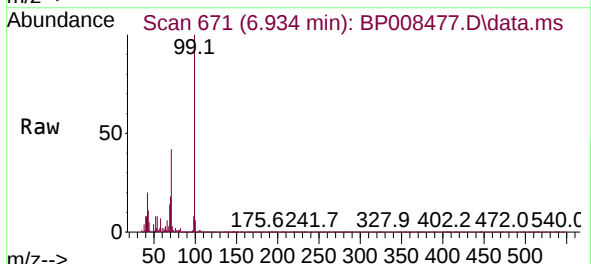
Instrument :
BNA_P
ClientSampleId :
C4

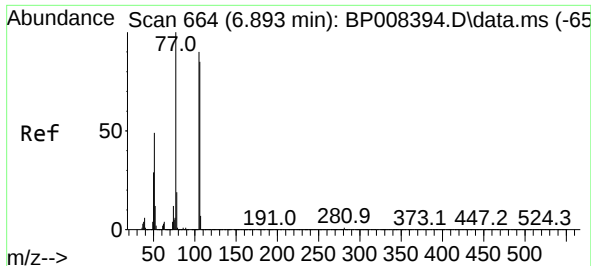
Tgt Ion:112 Resp: 185022
Ion Ratio Lower Upper
112 100
64 67.8 53.4 80.2
63 35.1 27.8 41.8



#7
Phenol-d6
Concen: 34.610 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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

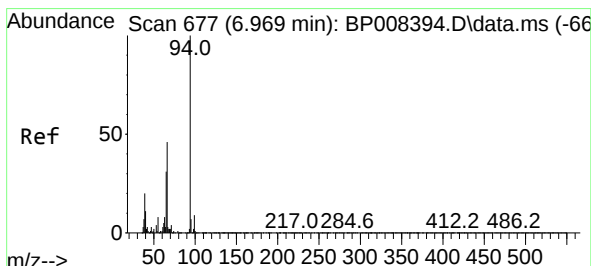
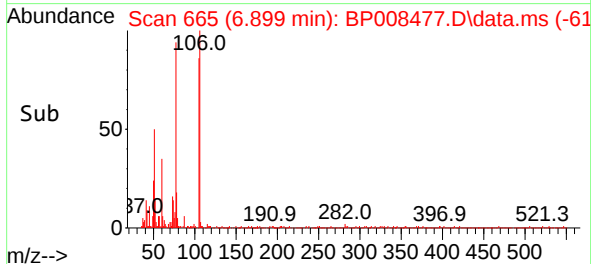
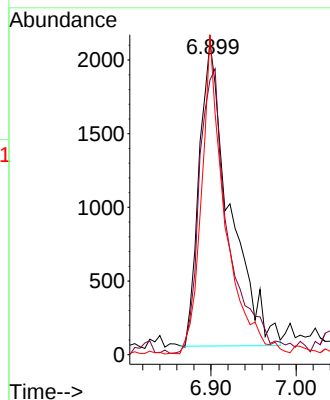
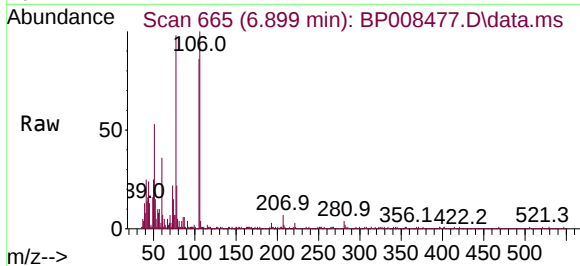




#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

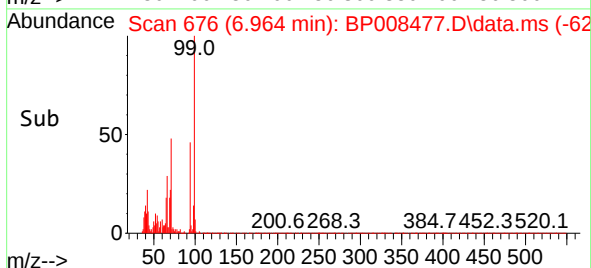
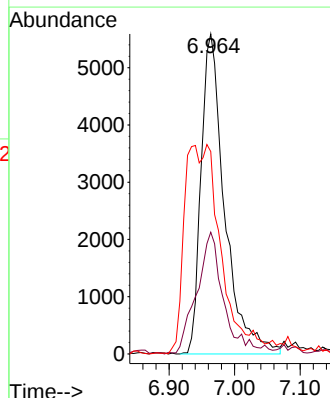
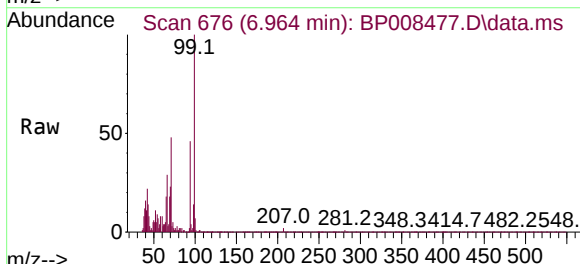
Instrument :
BNA_P
ClientSampleId :
C4

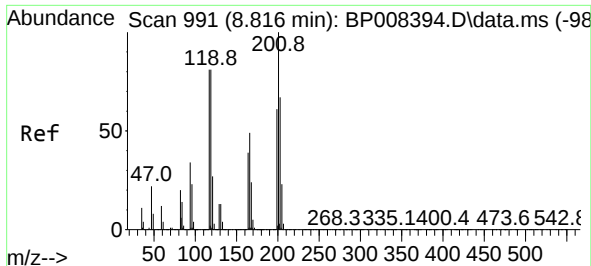
Tgt Ion:	77	Resp:	5122
Ion	Ratio	Lower	Upper
77	100		
105	87.9	71.8	111.8
106	102.4	67.3	107.3



#10
Phenol
Concen: 3.521 ng
RT: 6.964 min Scan# 676
Delta R.T. -0.006 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

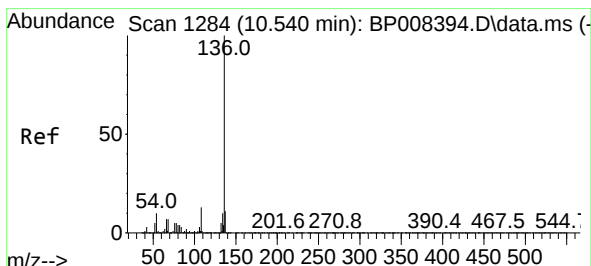
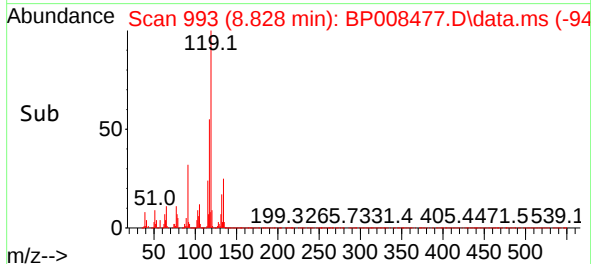
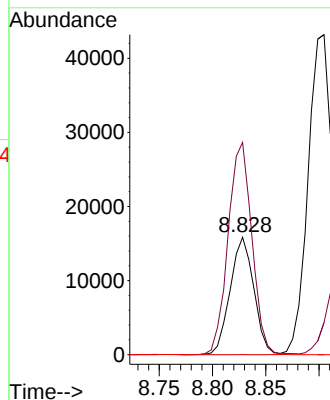
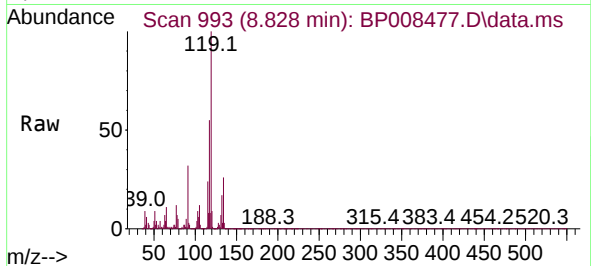




#18
Hexachloroethane
Concen: 18.897 ng
RT: 8.828 min Scan# 991
Delta R.T. 0.012 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

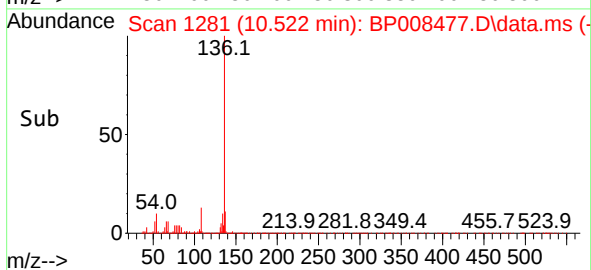
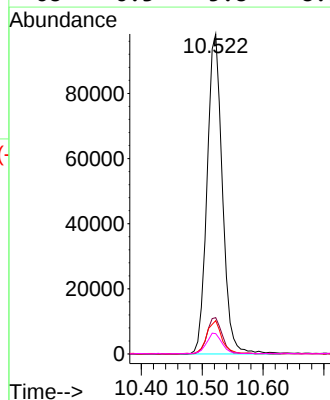
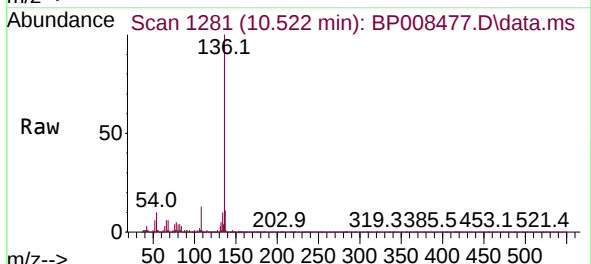
Instrument :
BNA_P
ClientSampleId :
C4

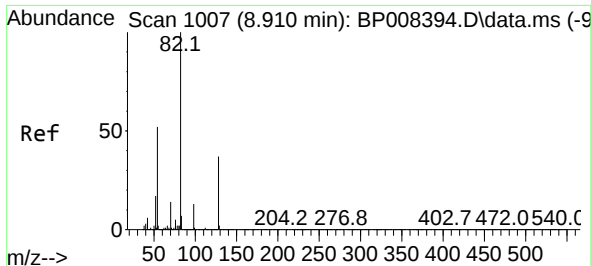
Tgt Ion:117 Resp: 24495
Ion Ratio Lower Upper
117 100
119 180.7 74.7 112.1#
201 0.1 88.6 132.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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

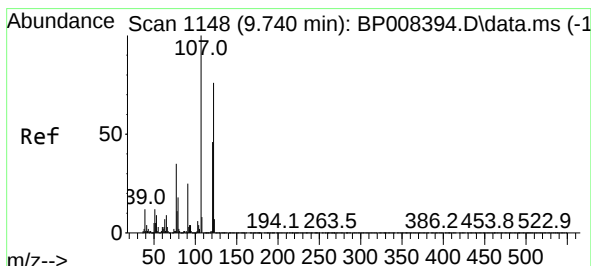
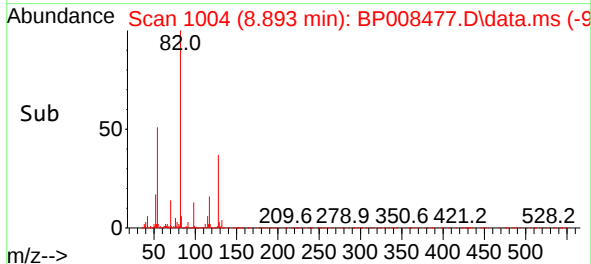
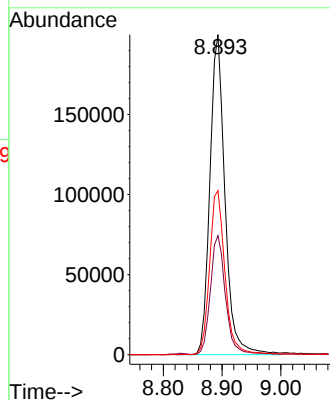
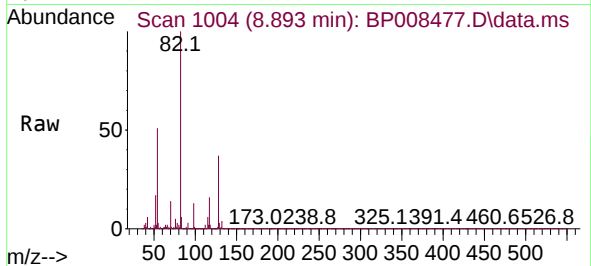




#23
Nitrobenzene-d5
Concen: 88.185 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

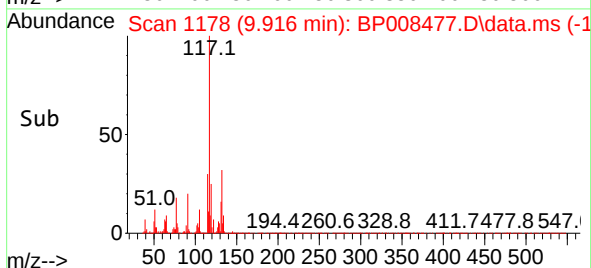
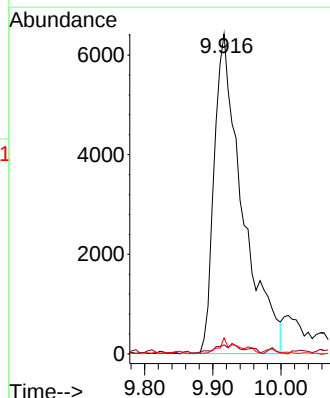
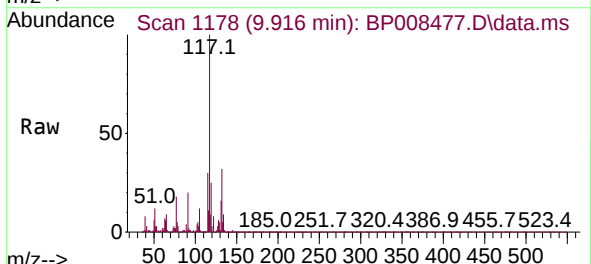
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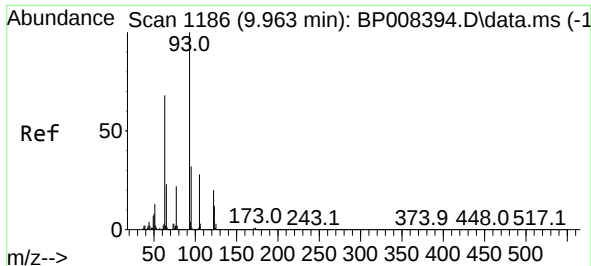
Tgt Ion: 82 Resp: 356821
Ion Ratio Lower Upper
82 100
128 37.2 29.6 44.4
54 51.2 42.7 64.1



#27
2,4-Dimethylphenol
Concen: 7.687 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.177 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

Tgt Ion: 122 Resp: 18502
Ion Ratio Lower Upper
122 100
107 2.9 106.6 160.0#
121 5.0 48.1 72.1#

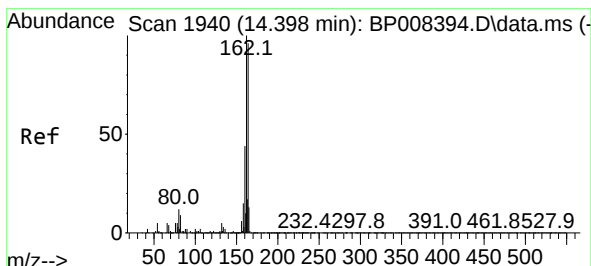
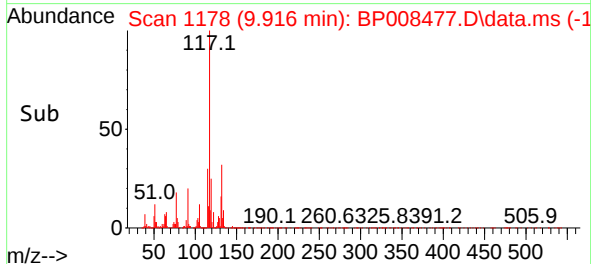
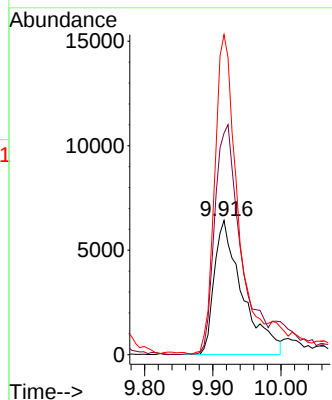
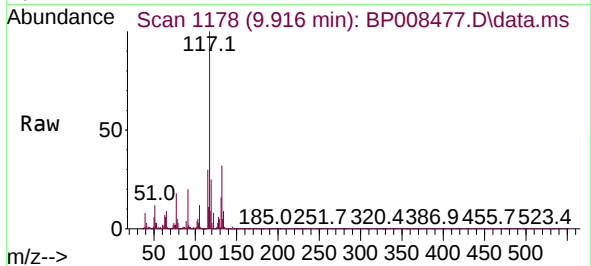




#32
Benzoic acid
Concen: 10.487 ng
RT: 9.916 min Scan# 1186
Delta R.T. -0.047 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

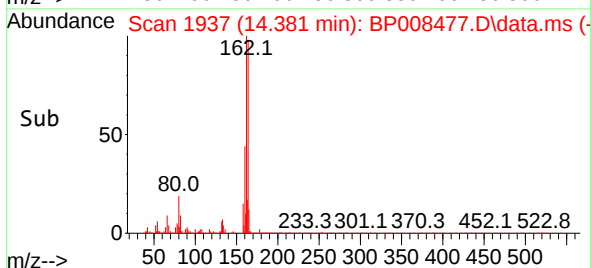
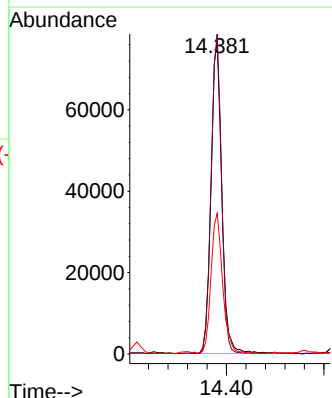
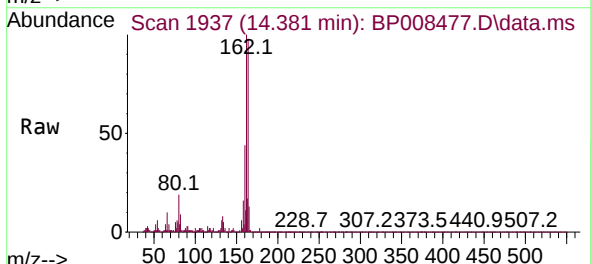
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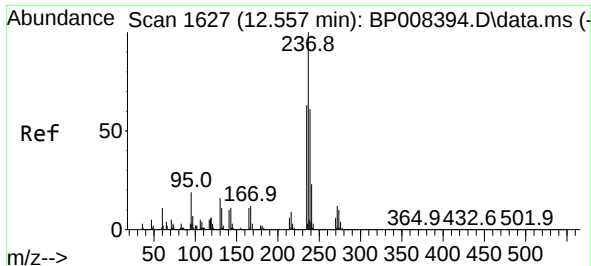
Tgt Ion:122 Resp: 18502
Ion Ratio Lower Upper
122 100
105 165.1 117.4 157.4#
77 238.4 89.2 129.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.017 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

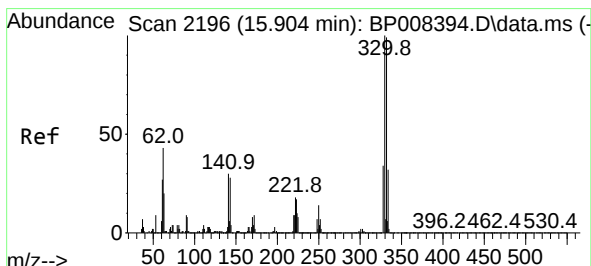
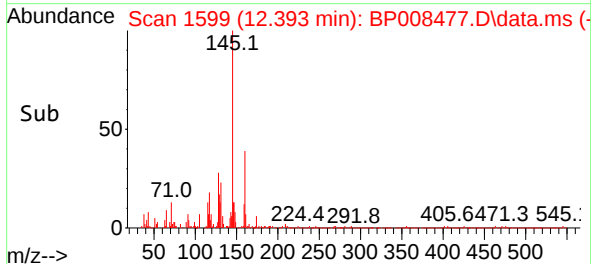
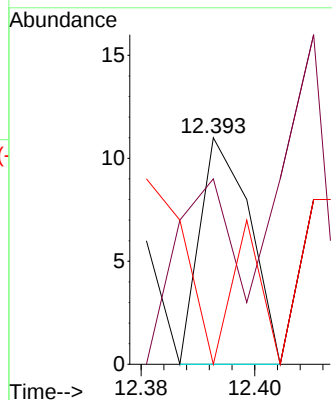
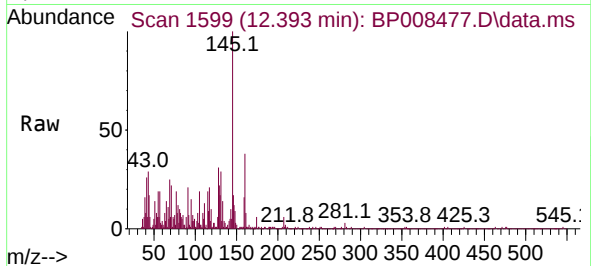




#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.393 min Scan# 11
Delta R.T. -0.164 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

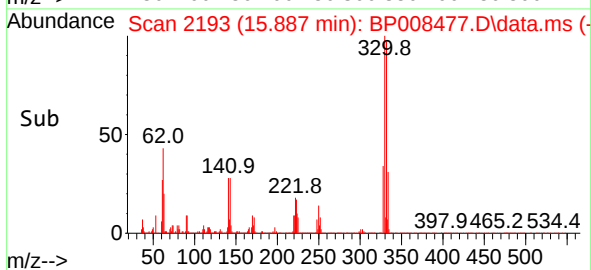
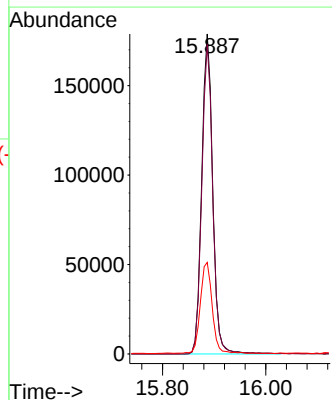
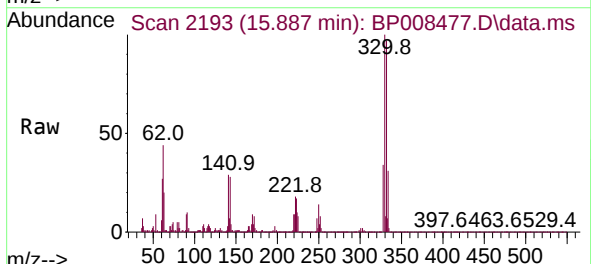
Instrument :
BNA_P
ClientSampleId :
C4

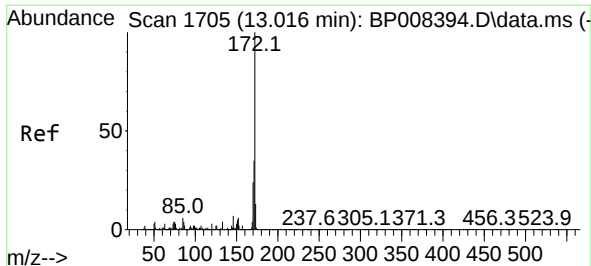
Tgt Ion:237	Resp:	7	
Ion	Ratio	Lower	Upper
237	100		
235	81.8	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 152.509 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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

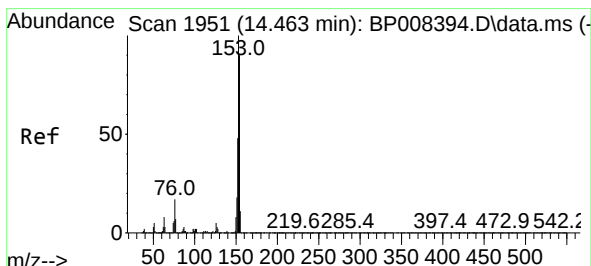
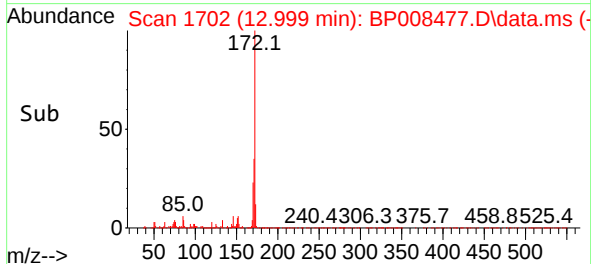
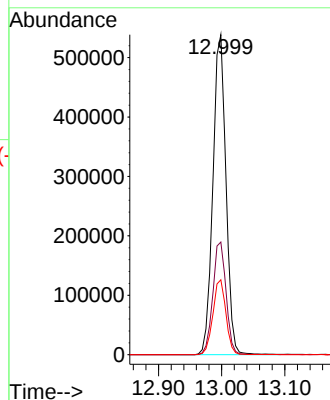
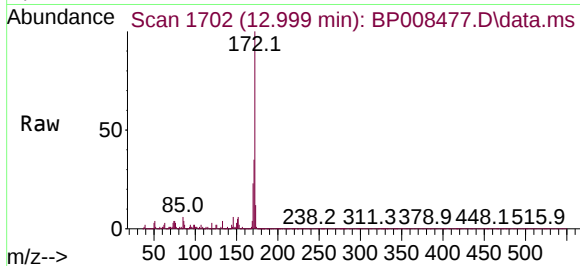




#45
2-Fluorobiphenyl
Concen: 83.544 ng
RT: 12.999 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

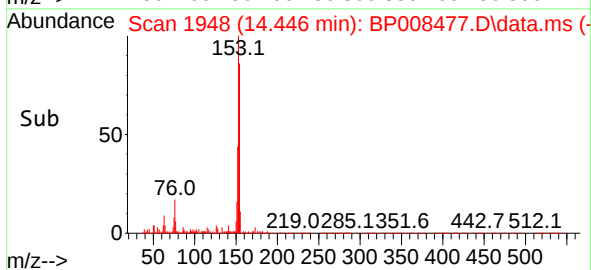
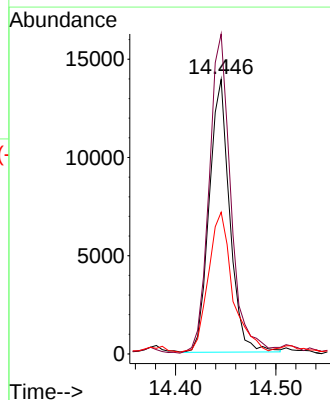
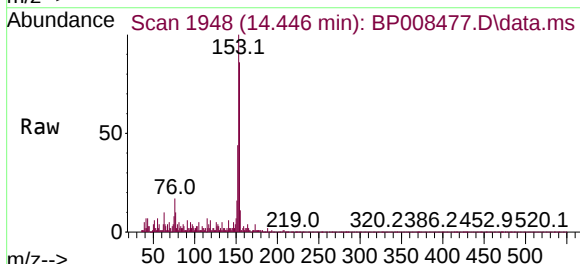
Instrument :
BNA_P
ClientSampleId :
C4

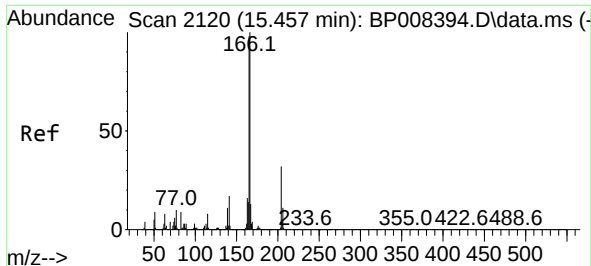
Tgt Ion:172 Resp: 772923
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.4 18.9 28.3



#52
Acenaphthene
Concen: 3.114 ng
RT: 14.446 min Scan# 1948
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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

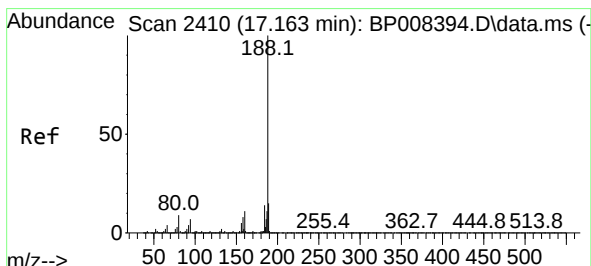
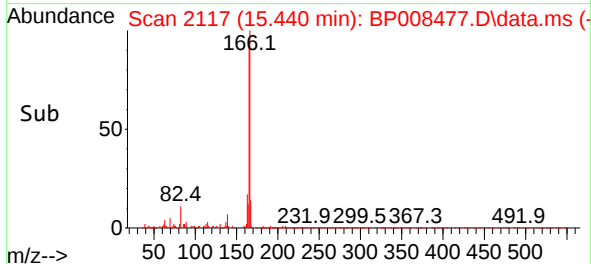
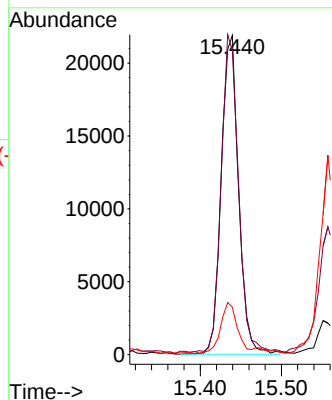
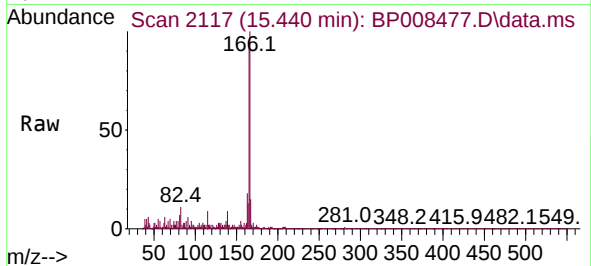




#58
Fluorene
Concen: 3.896 ng
RT: 15.440 min Scan# 2117
Delta R.T. -0.018 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

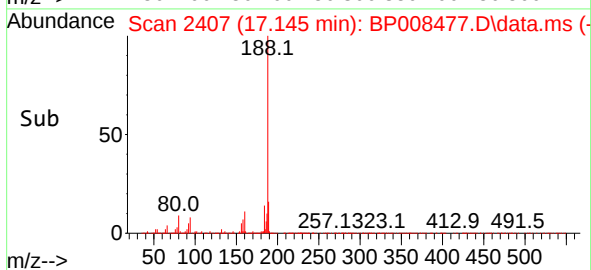
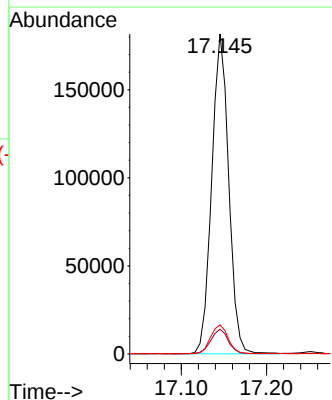
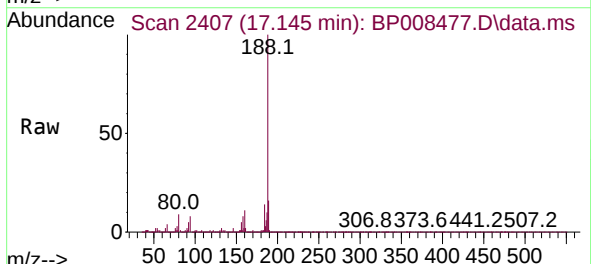
Instrument :
BNA_P
ClientSampleId :
C4

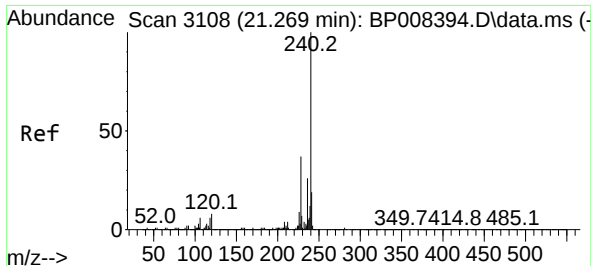
Tgt Ion:166 Resp: 32557
Ion Ratio Lower Upper
166 100
165 95.3 79.4 119.2
167 14.9 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.017 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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

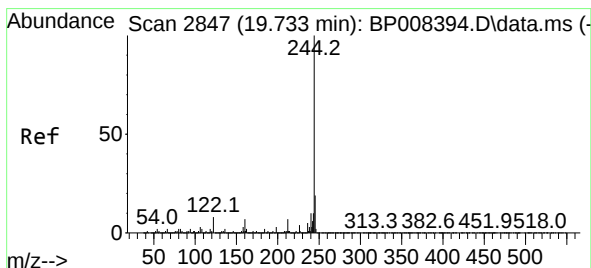
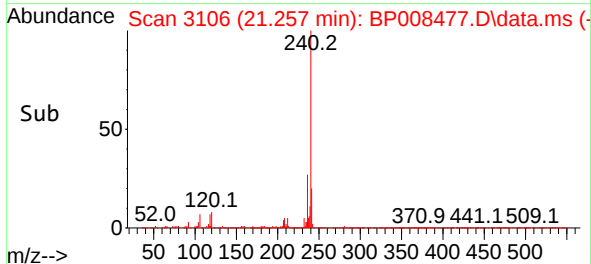
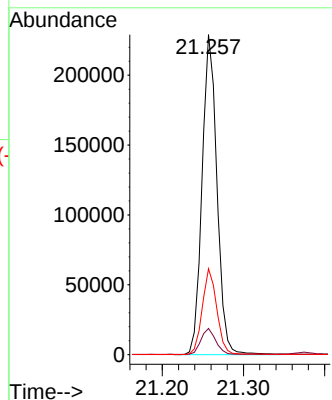
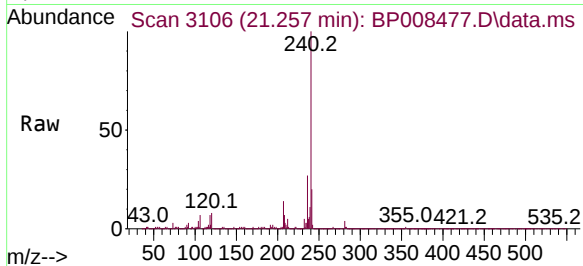




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

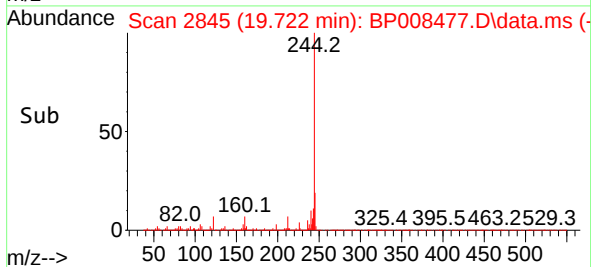
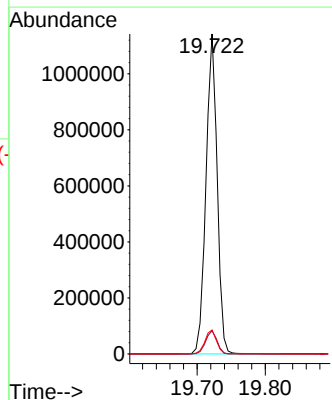
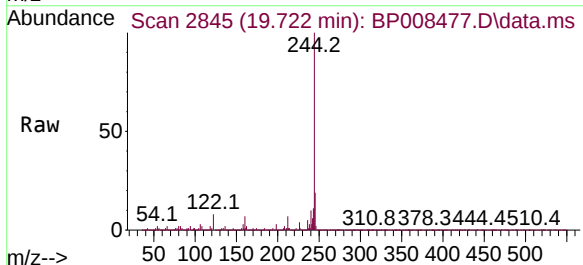
Instrument :
BNA_P
ClientSampleId :
C4

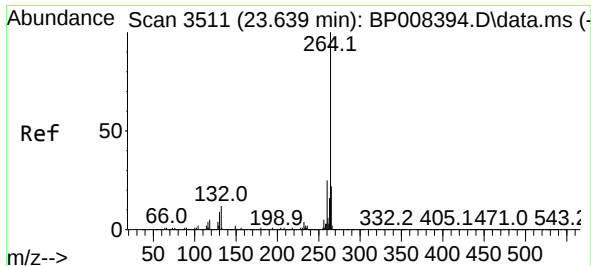
Tgt Ion:240 Resp: 291575
Ion Ratio Lower Upper
240 100
120 8.2 7.3 10.9
236 26.8 21.4 32.2



#79
Terphenyl-d14
Concen: 77.661 ng
RT: 19.722 min Scan# 2845
Delta R.T. -0.012 min
Lab File: BP008477.D
Acq: 17 Dec 2021 18:27

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# 31
 Delta R.T. -0.012 min
 Lab File: BP008477.D
 Acq: 17 Dec 2021 18:27

Instrument :
 BNA_P
 ClientSampleId :
 C4

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

