

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008486.D
 Acq On : 17 Dec 2021 23:32
 Operator : CG/JU
 Sample : M5873-07DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 18 06:18:47 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

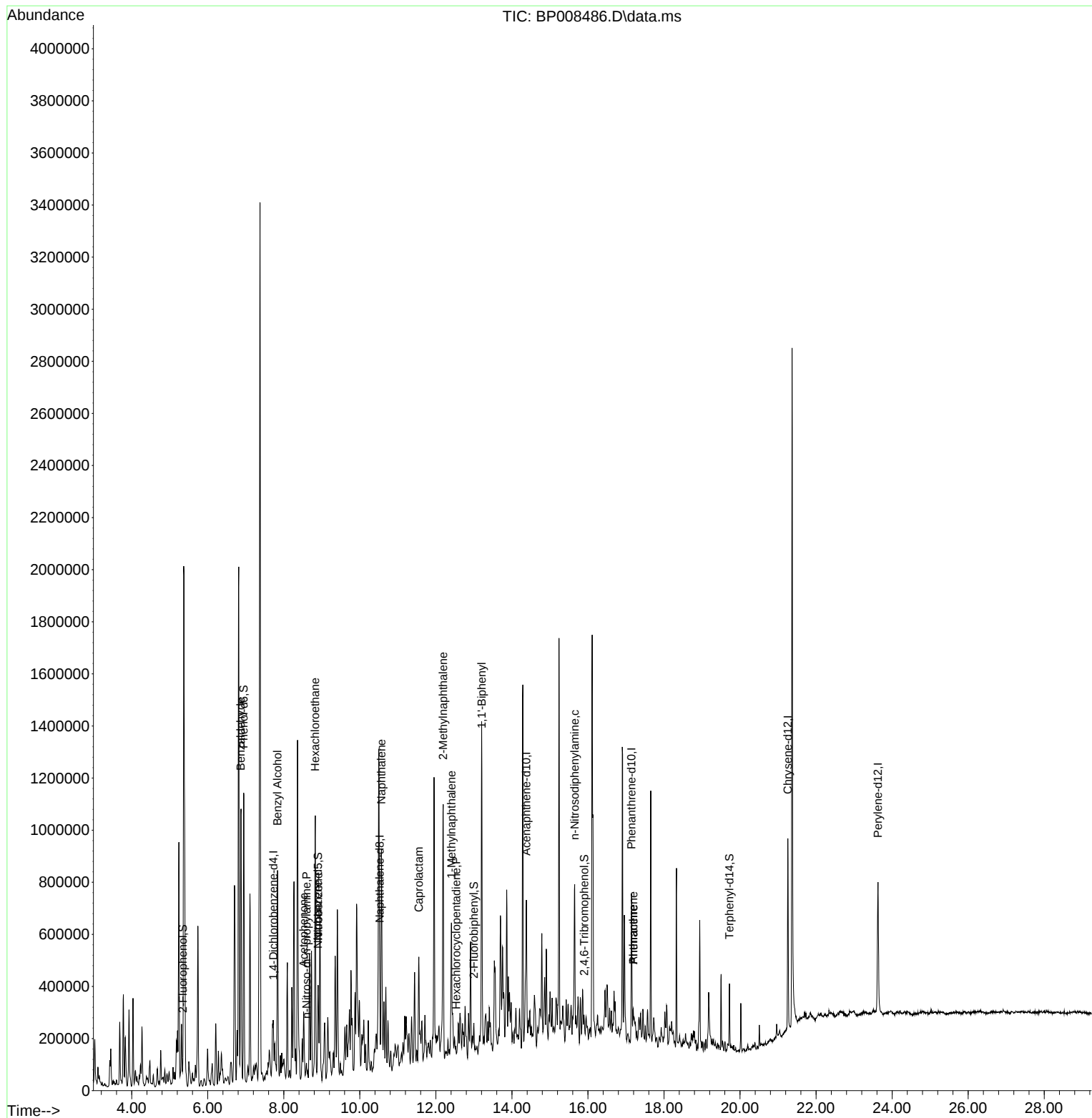
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	61535	20.000	ng	-0.02
21) Naphthalene-d8	10.522	136	228592	20.000	ng	-0.02
39) Acenaphthene-d10	14.380	164	150691	20.000	ng	-0.02
64) Phenanthrene-d10	17.145	188	320921	20.000	ng	-0.02
76) Chrysene-d12	21.257	240	368222	20.000	ng	-0.01
86) Perylene-d12	23.627	264	404368	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	26393	6.774	ng	0.00
7) Phenol-d6	6.946	99	36487	6.972	ng	0.00
23) Nitrobenzene-d5	8.898	82	28499	5.282	ng	-0.01
42) 2,4,6-Tribromophenol	15.904	330	11148	5.034	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	63447	5.352	ng	-0.02
79) Terphenyl-d14	19.721	244	107890	5.099	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.240	88	64	Below Cal		Qvalue # 19
9) Benzaldehyde	6.869	77	71020	22.242	ng	# 1
15) Benzyl Alcohol	7.834	79	47793	11.353	ng	# 16
18) Hexachloroethane	8.828	117	90977	52.470	ng	# 1
19) n-Nitroso-di-n-propyla...	8.598	70	7961	2.051	ng	# 60
22) Acetophenone	8.522	105	160784	23.917	ng	# 58
24) Nitrobenzene	8.904	77	11980	2.366	ng	# 3
31) Naphthalene	10.569	128	453393	37.822	ng	97
35) Caprolactam	11.551	113	13975	18.712	ng	# 21
37) 2-Methylnaphthalene	12.192	142	442378	53.543	ng	98
38) 1-Methylnaphthalene	12.410	142	214632	26.683	ng	99
41) Hexachlorocyclopentadiene	12.539	237	17	8.661	ng	87
46) 1,1'-Biphenyl	13.210	154	32766	2.814	ng	99
66) n-Nitrosodiphenylamine	15.651	169	34165	3.381	ng	# 50
71) Phenanthrene	17.192	178	67397	3.877	ng	97
72) Anthracene	17.192	178	67436	3.932	ng	97

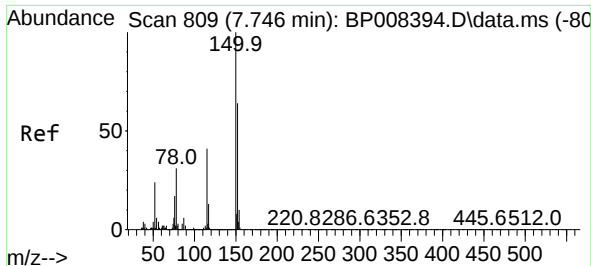
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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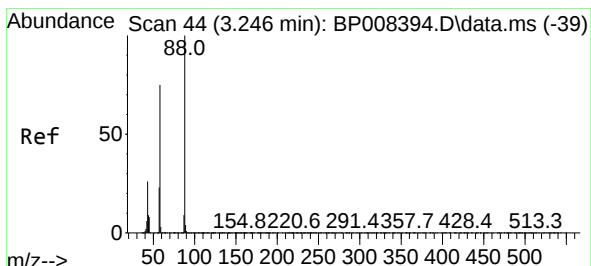
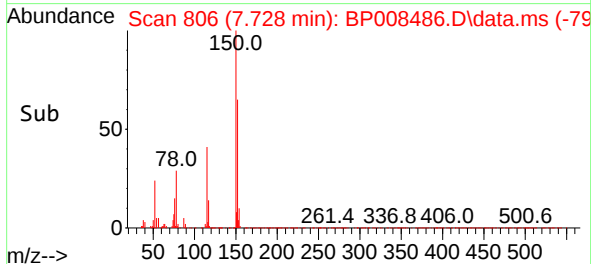
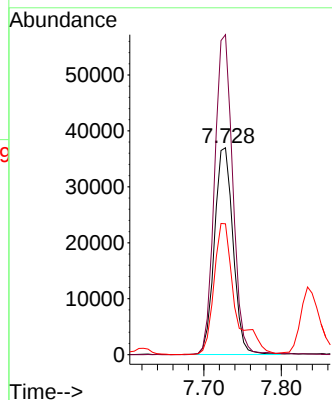
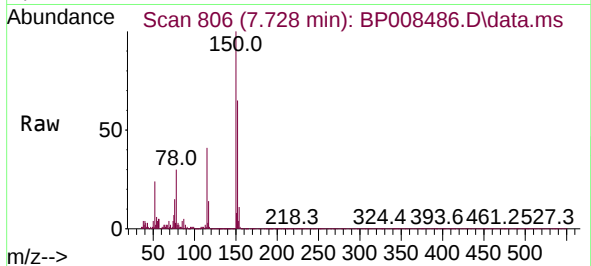




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

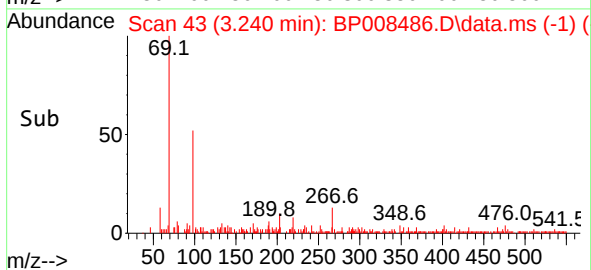
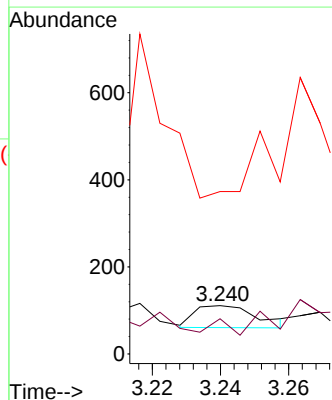
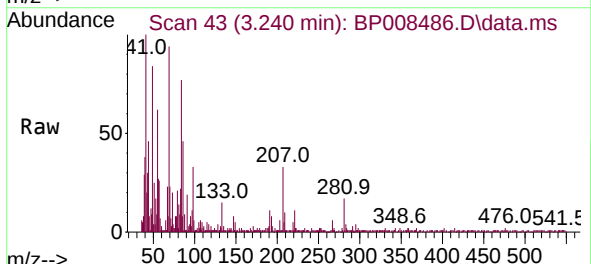
Instrument :
BNA_P
ClientSampleId :

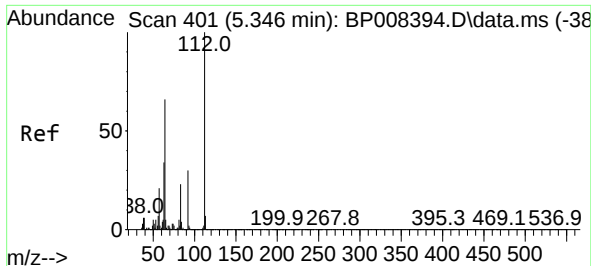
Tgt Ion:152 Resp: 61535
Ion Ratio Lower Upper
152 100
150 154.7 125.7 188.5
115 63.3 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion: 88 Resp: 64
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 0.0 23.4 35.2#

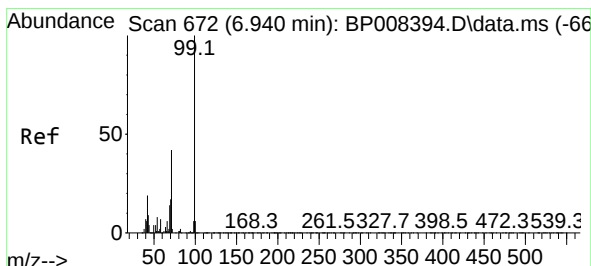
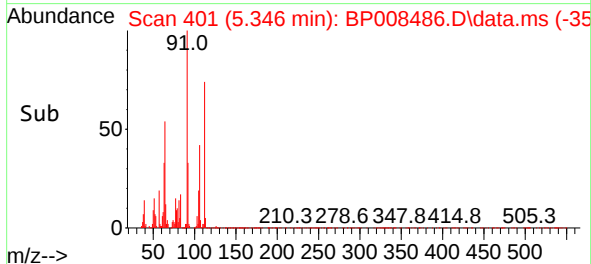
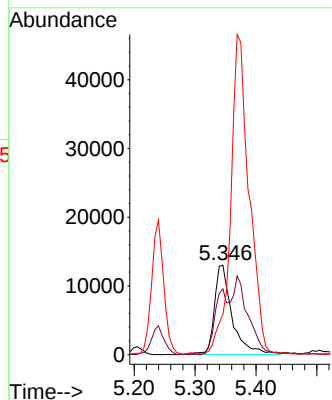
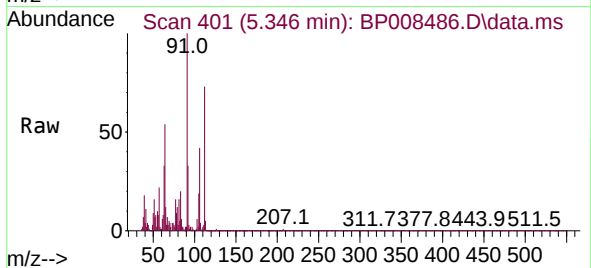




#5
2-Fluorophenol
Concen: 6.774 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

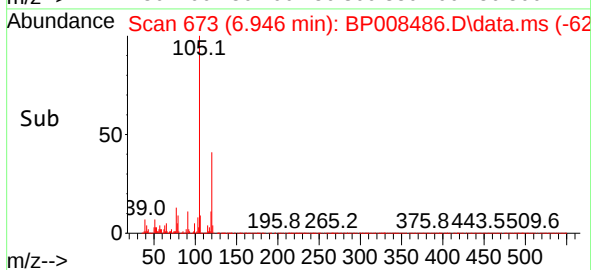
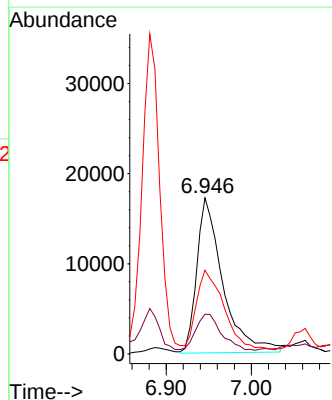
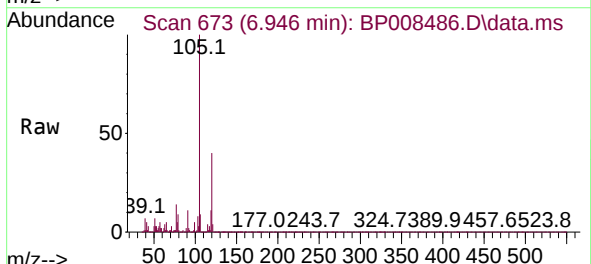
Instrument :
BNA_P
ClientSampleId :

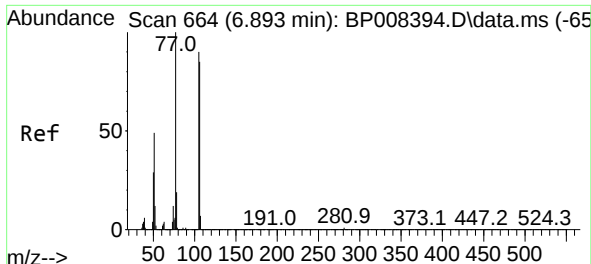
Tgt Ion:112 Resp: 26393
Ion Ratio Lower Upper
112 100
64 73.4 53.4 80.2
63 45.2 27.8 41.8#



#7
Phenol-d6
Concen: 6.972 ng
RT: 6.946 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion: 99 Resp: 36487
Ion Ratio Lower Upper
99 100
42 25.5 14.6 22.0#
71 53.8 31.1 46.7#

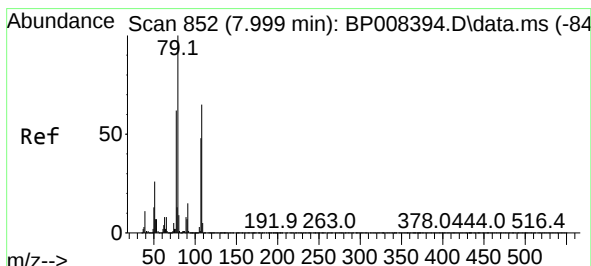
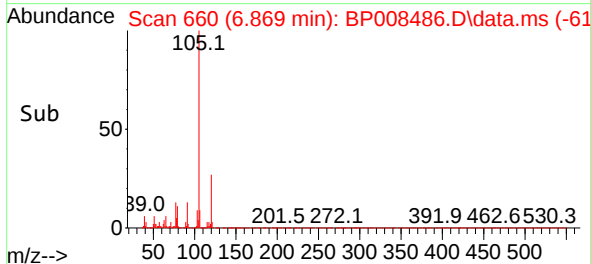
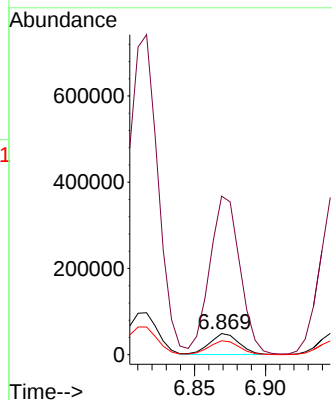
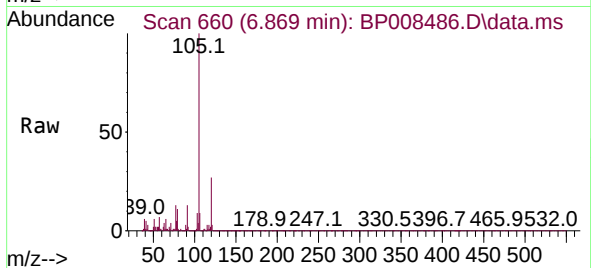




#9
Benzaldehyde
Concen: 22.242 ng
RT: 6.869 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

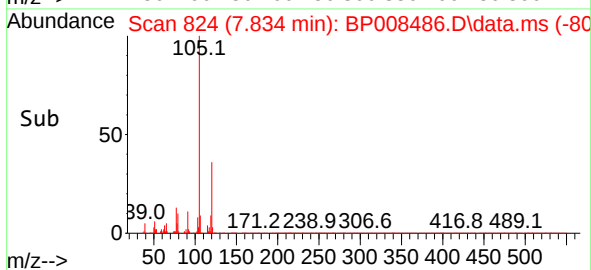
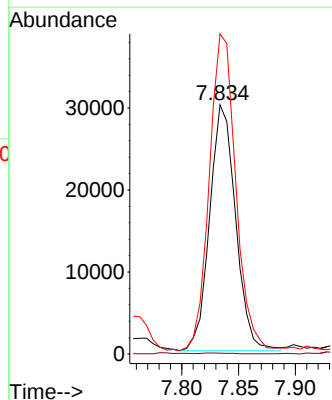
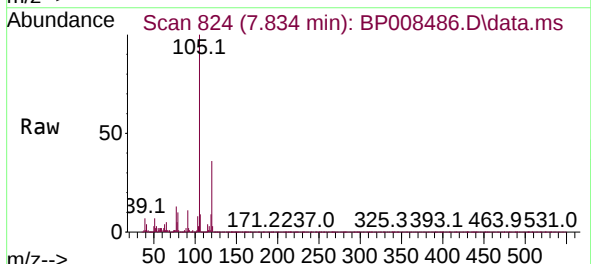
Instrument :
BNA_P
ClientSampleId :

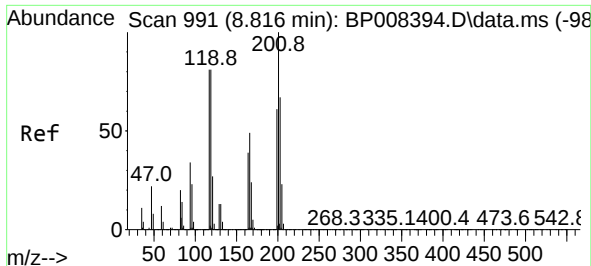
Tgt Ion: 77 Resp: 71020
Ion Ratio Lower Upper
77 100
105 751.5 71.8 111.8#
106 66.3 67.3 107.3#



#15
Benzyl Alcohol
Concen: 11.353 ng
RT: 7.834 min Scan# 824
Delta R.T. -0.165 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

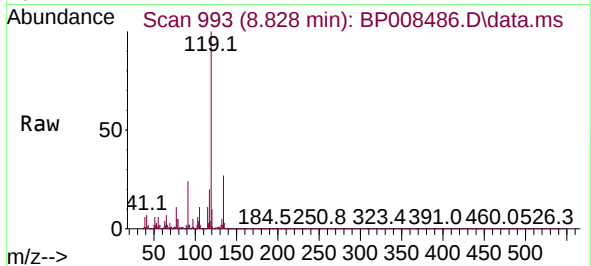
Tgt Ion: 79 Resp: 47793
Ion Ratio Lower Upper
79 100
108 0.4 55.5 83.3#
77 128.5 51.0 76.6#



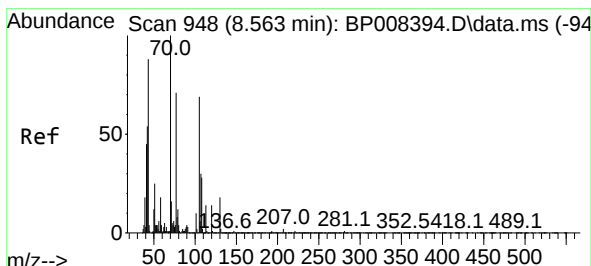
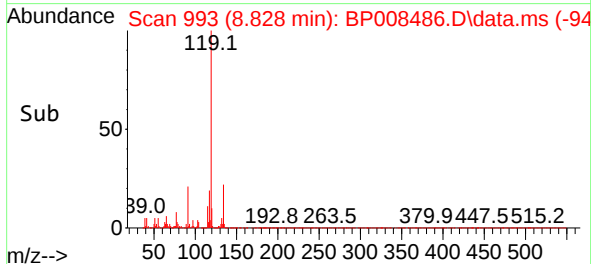
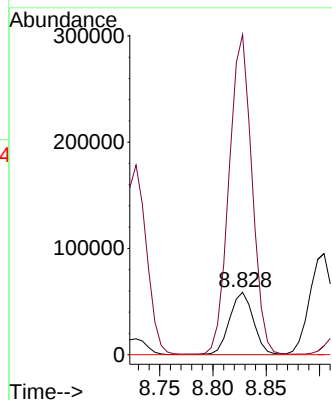


#18
Hexachloroethane
Concen: 52.470 ng
RT: 8.828 min Scan# 991
Delta R.T. 0.011 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Instrument :
BNA_P
ClientSampleId :

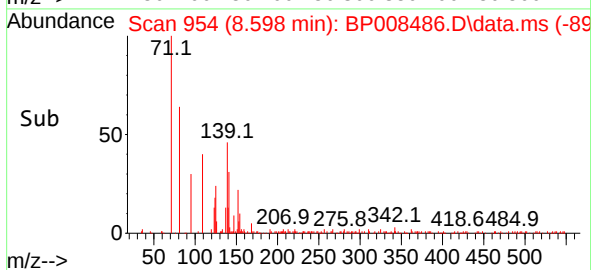
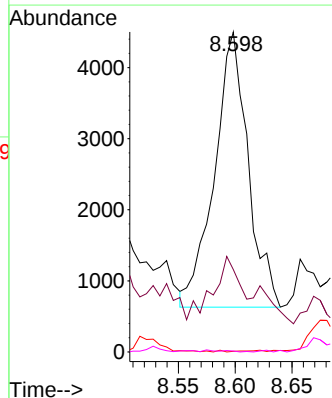
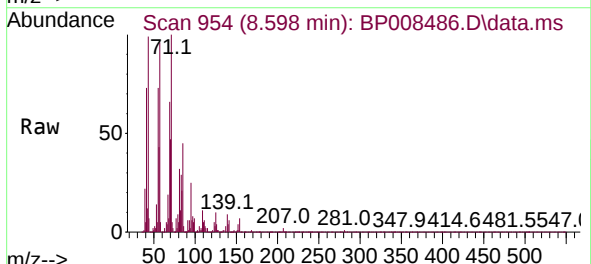


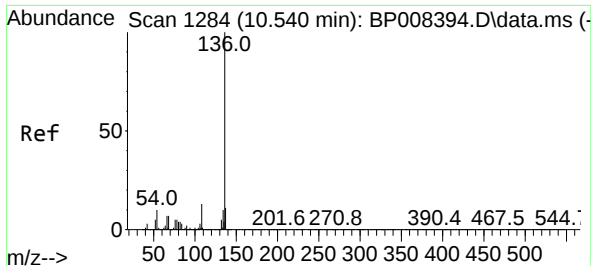
Tgt Ion:117 Resp: 90977
Ion Ratio Lower Upper
117 100
119 512.6 74.7 112.1#
201 0.0 88.6 132.8#



#19
n-Nitroso-di-n-propylamine
Concen: 2.051 ng
RT: 8.598 min Scan# 954
Delta R.T. 0.035 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion: 70 Resp: 7961
Ion Ratio Lower Upper
70 100
42 25.8 45.4 68.2#
101 0.2 7.6 11.4#
130 0.6 15.1 22.7#

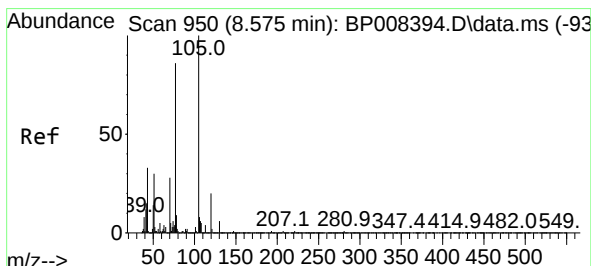
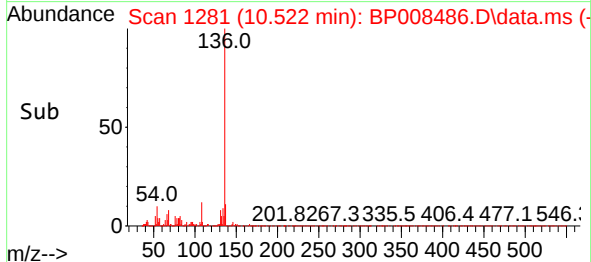
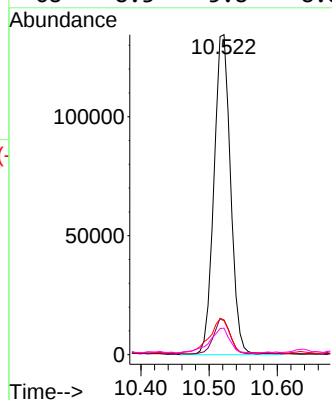
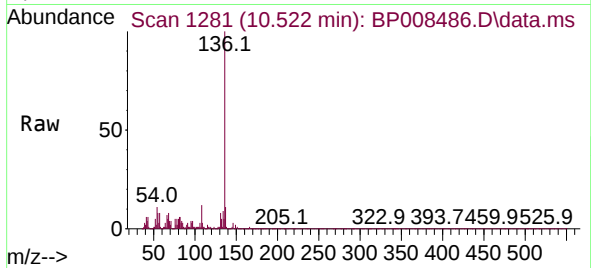




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

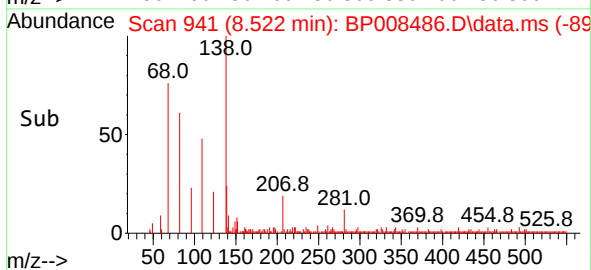
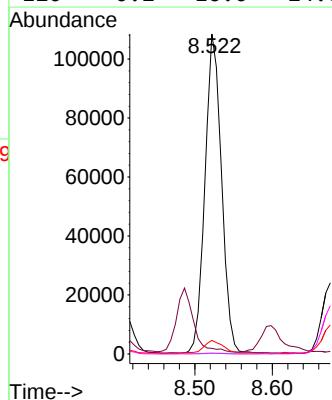
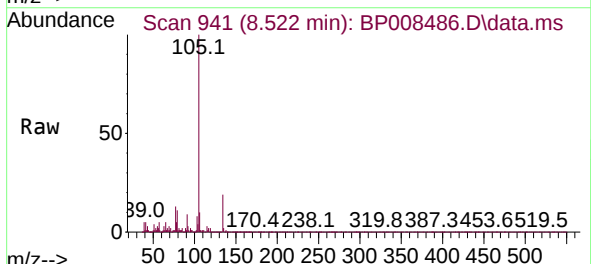
Instrument :
BNA_P
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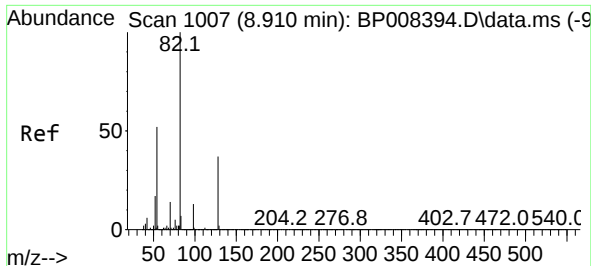
Tgt Ion:	136	Resp:	228592
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	10.6	8.2	12.4
68	8.3	5.8	8.8



#22
Acetophenone
Concen: 23.917 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.053 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:	105	Resp:	160784
Ion	Ratio	Lower	Upper
105	100		
71	1.7	4.0	6.0#
51	4.2	23.8	35.6#
120	0.2	16.0	24.0#

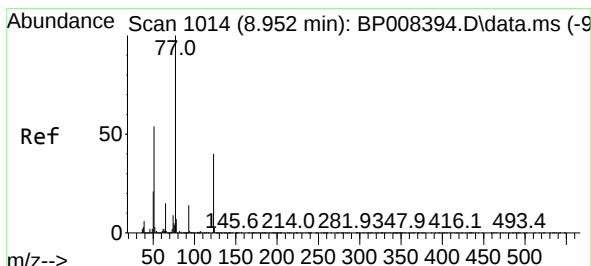
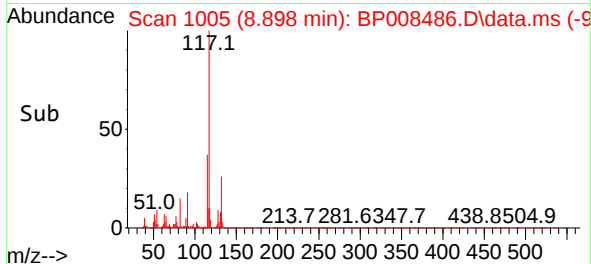
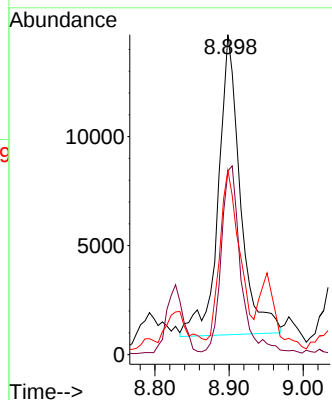
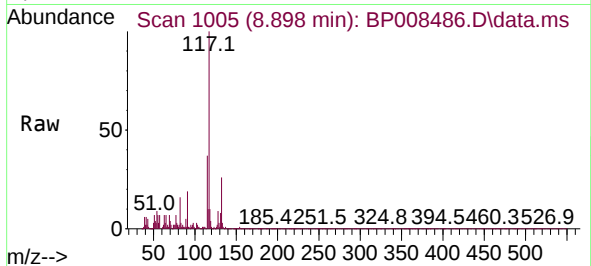




#23
Nitrobenzene-d5
Concen: 5.282 ng
RT: 8.898 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

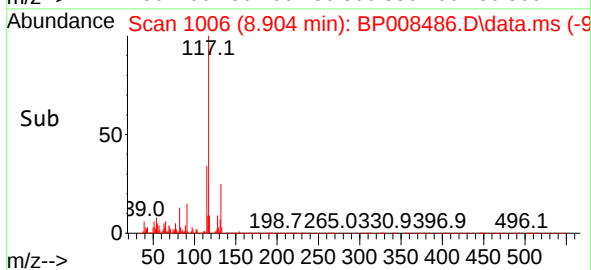
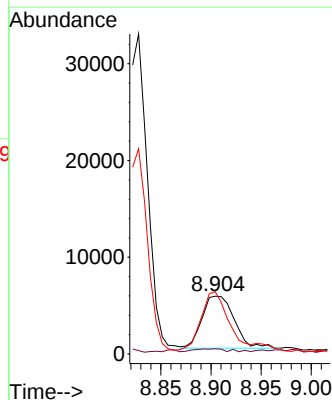
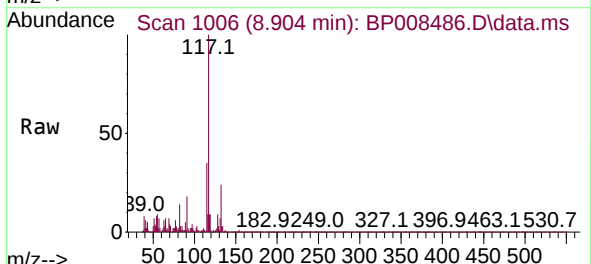
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BNA_P
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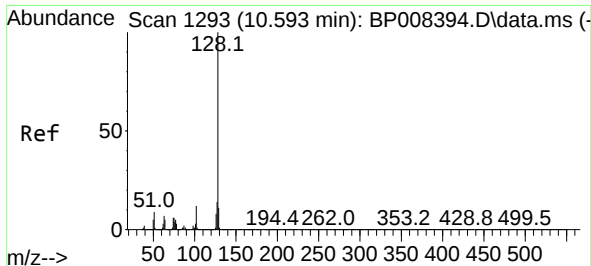
Tgt Ion: 82 Resp: 28499
Ion Ratio Lower Upper
82 100
128 57.4 29.6 44.4#
54 57.7 42.7 64.1



#24
Nitrobenzene
Concen: 2.366 ng
RT: 8.904 min Scan# 1006
Delta R.T. -0.047 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion: 77 Resp: 11980
Ion Ratio Lower Upper
77 100
123 9.0 30.4 45.6#
65 107.7 11.3 16.9#

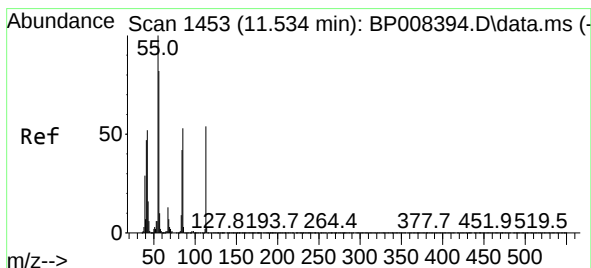
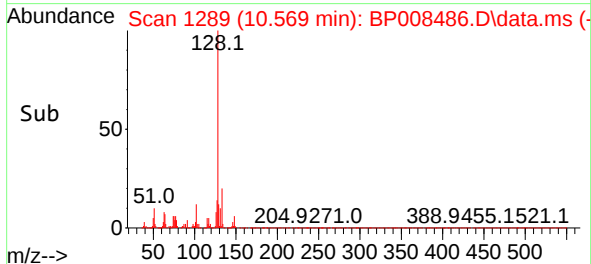
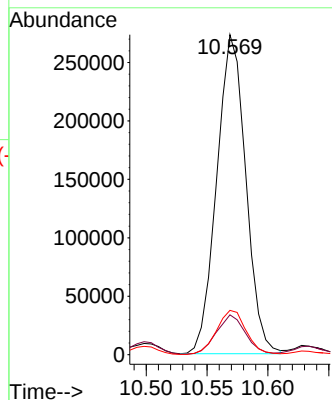
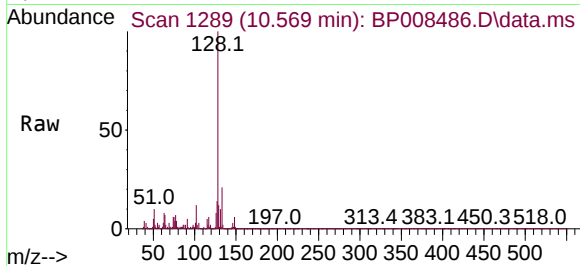




#31
Naphthalene
Concen: 37.822 ng
RT: 10.569 min Scan# 11
Delta R.T. -0.024 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

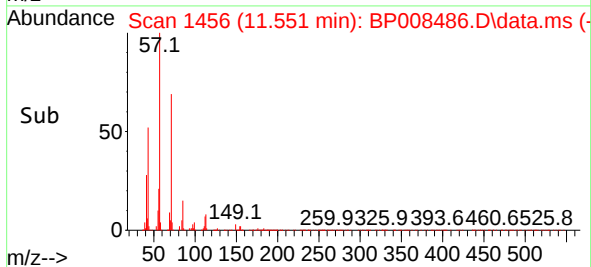
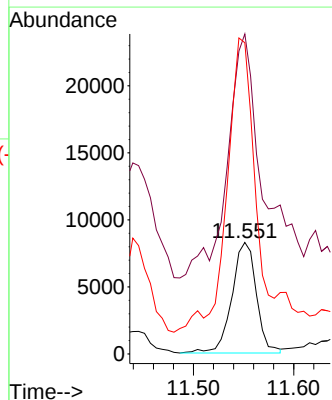
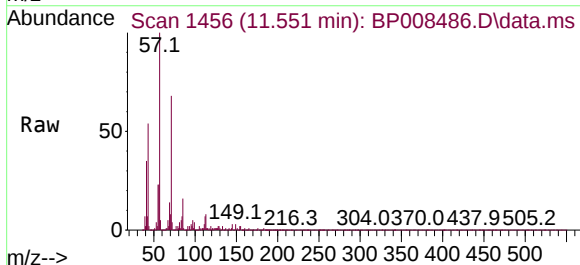
Instrument :
BNA_P
ClientSampleId :

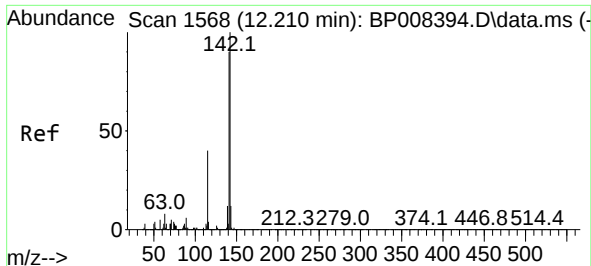
Tgt Ion:128 Resp: 453393
Ion Ratio Lower Upper
128 100
129 12.5 8.5 12.7
127 13.8 10.9 16.3



#35
Caprolactam
Concen: 18.712 ng
RT: 11.551 min Scan# 1456
Delta R.T. 0.017 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:113 Resp: 13975
Ion Ratio Lower Upper
113 100
55 287.0 174.2 214.2#
56 279.1 130.3 170.3#

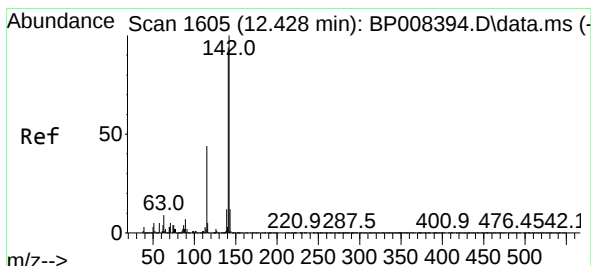
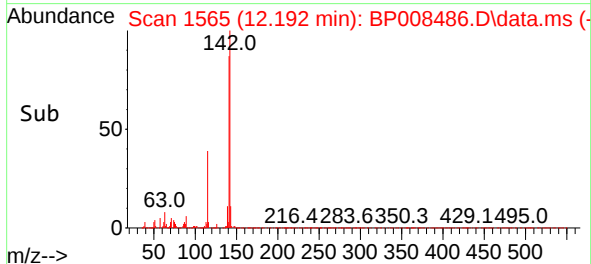
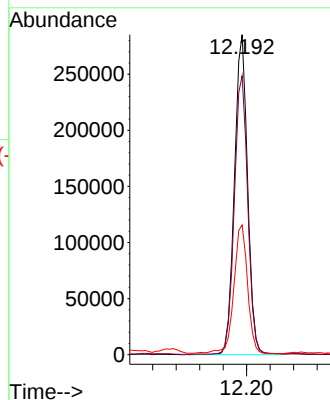
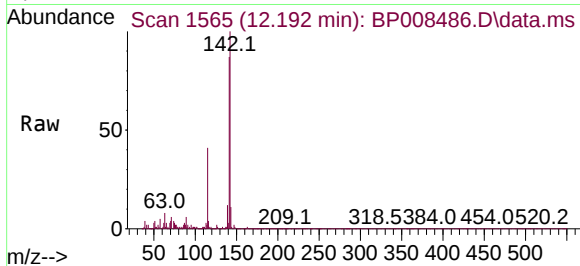




#37
2-Methylnaphthalene
Concen: 53.543 ng
RT: 12.192 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

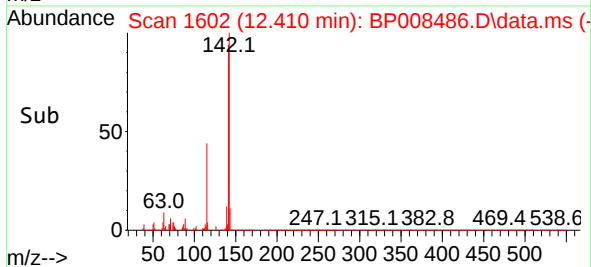
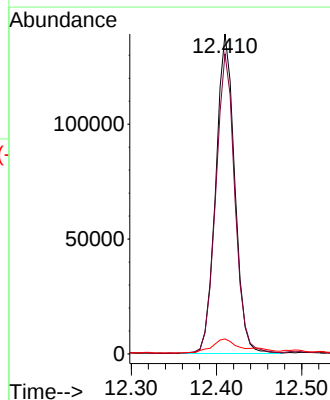
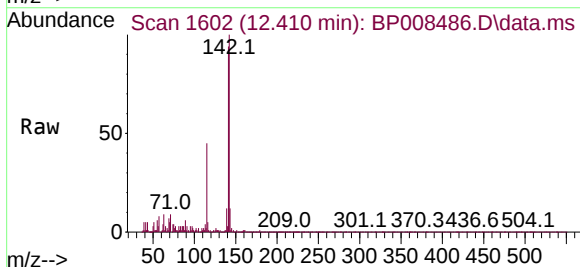
Instrument :
BNA_P
ClientSampleId :

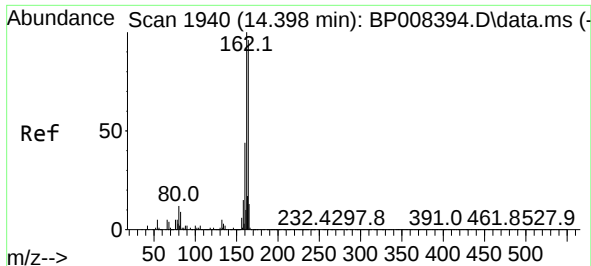
Tgt Ion:142 Resp: 442378
Ion Ratio Lower Upper
142 100
141 87.1 70.7 106.1
115 40.6 30.9 46.3



#38
1-Methylnaphthalene
Concen: 26.683 ng
RT: 12.410 min Scan# 1602
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:142 Resp: 214632
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4
116 4.7 3.4 5.2

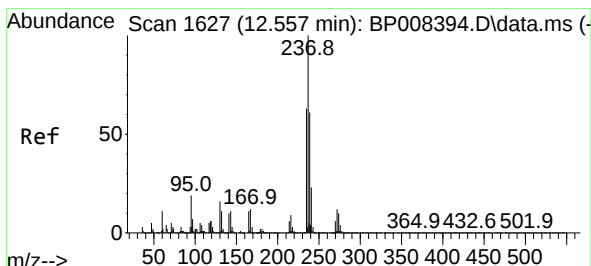
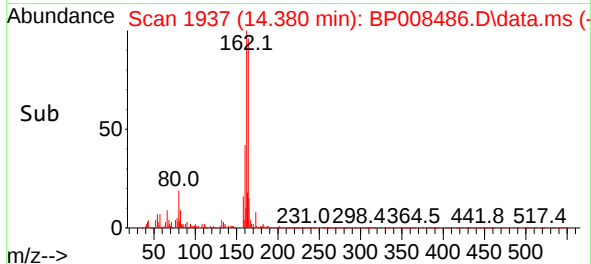
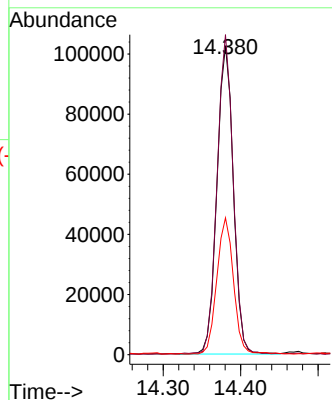
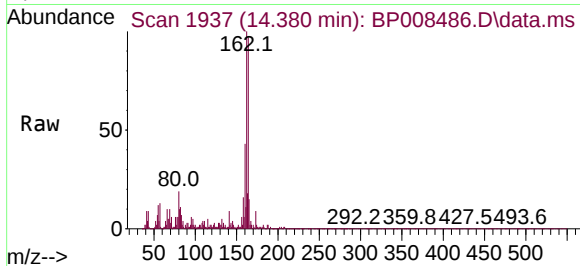




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1940
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

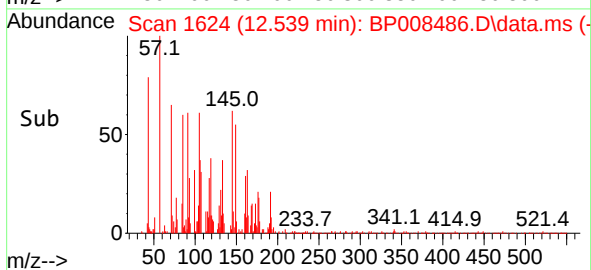
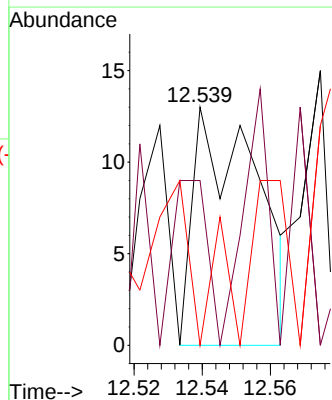
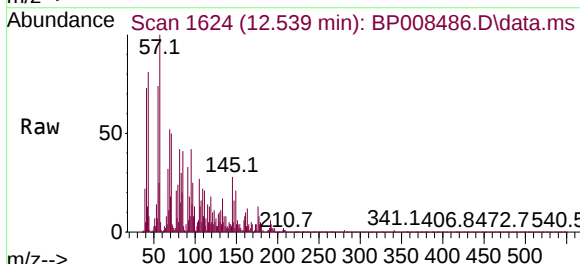
Instrument :
BNA_P
ClientSampleId :

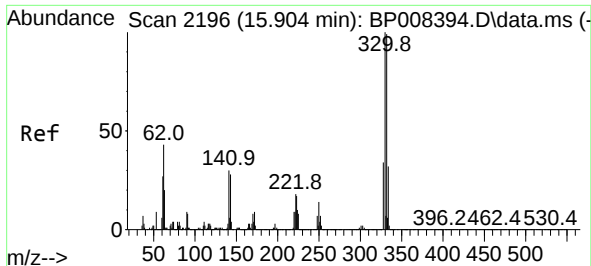
Tgt Ion:164 Resp: 150691
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 44.3 35.4 53.0



#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.539 min Scan# 1624
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 69.2 42.3 82.3
272 0.0 0.0 32.2

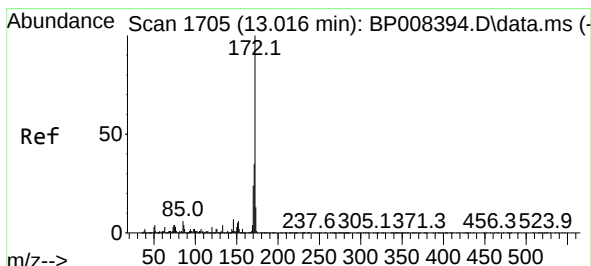
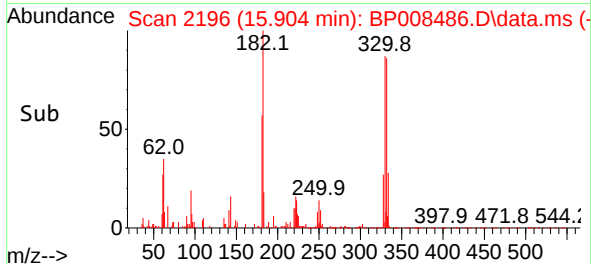
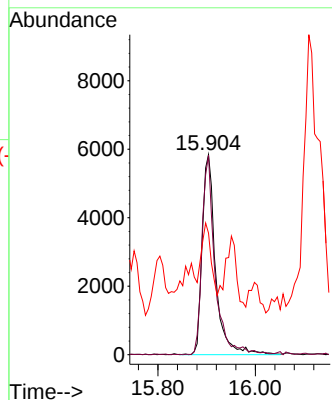
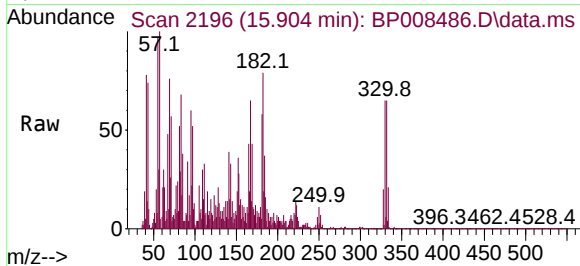




#42
2,4,6-Tribromophenol
Concen: 5.034 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

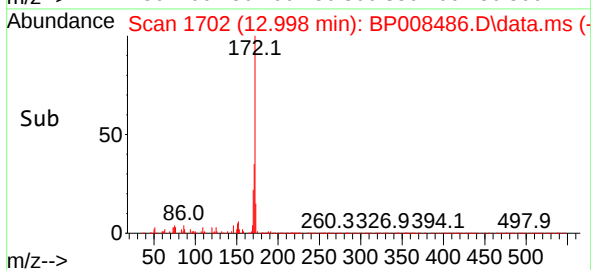
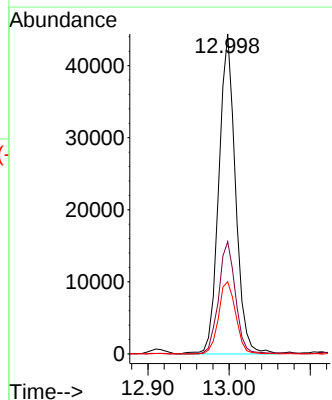
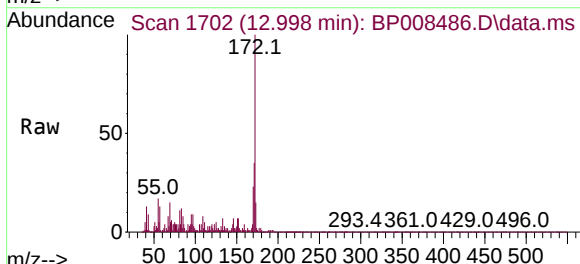
Instrument :
BNA_P
ClientSampleId :

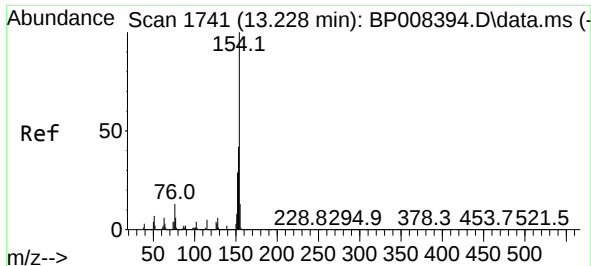
Tgt Ion:330 Resp: 11148
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 29.3 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 5.352 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:172 Resp: 63447
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 22.6 18.9 28.3

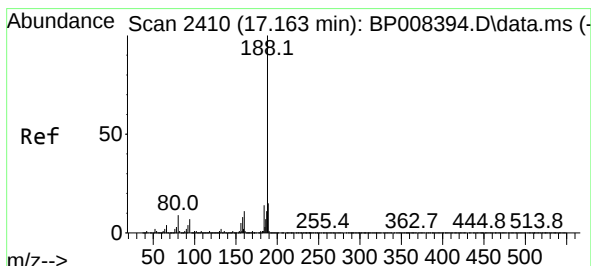
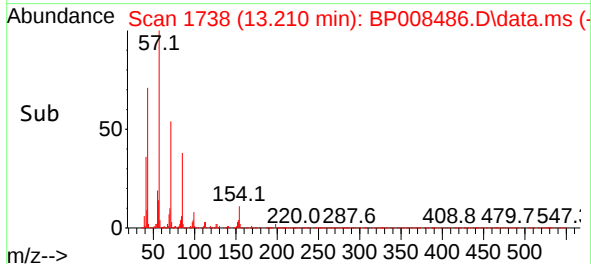
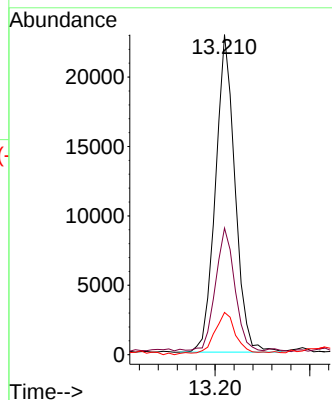
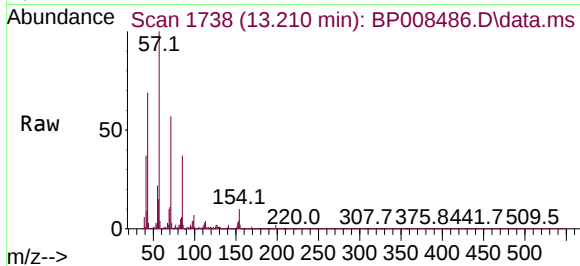




#46
1,1'-Biphenyl
Concen: 2.814 ng
RT: 13.210 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

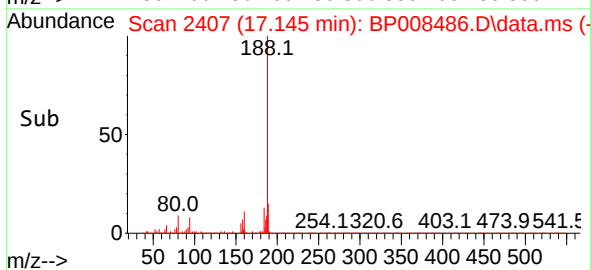
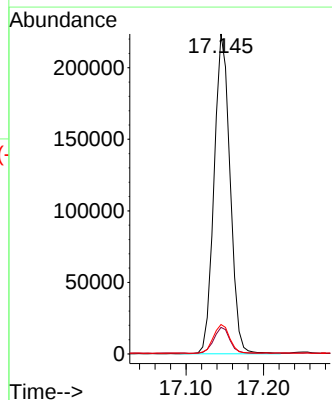
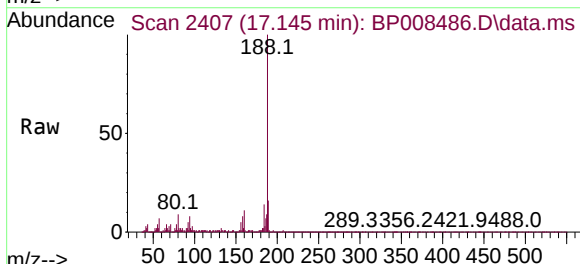
Instrument :
BNA_P
ClientSampleId :

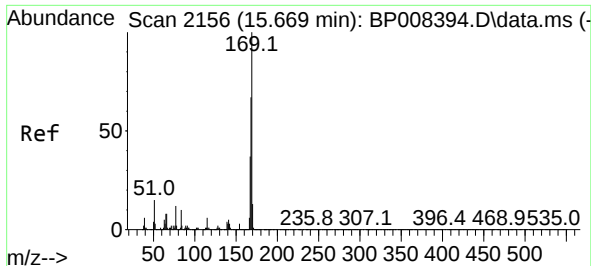
Tgt Ion:154 Resp: 32766
Ion Ratio Lower Upper
154 100
153 39.5 19.7 59.7
76 13.2 0.0 33.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:188 Resp: 320921
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.2 8.2 12.4

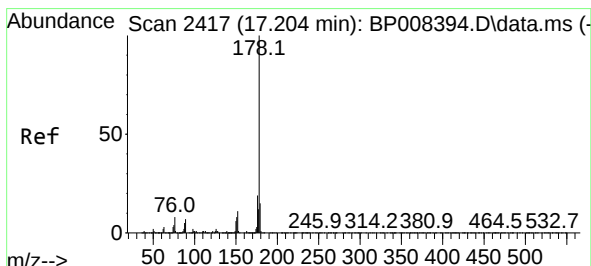
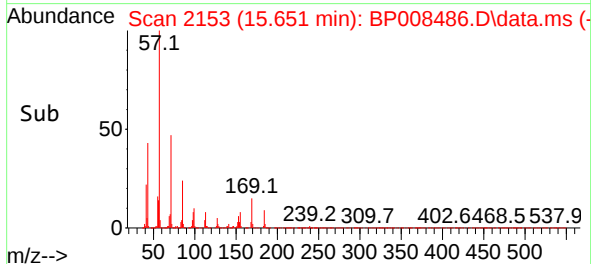
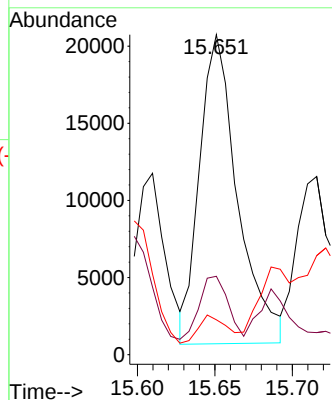
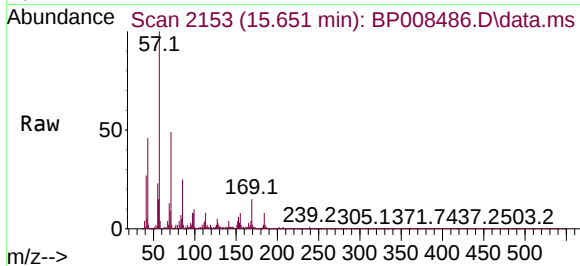




#66
n-Nitrosodiphenylamine
Concen: 3.381 ng
RT: 15.651 min Scan# 2156
Delta R.T. -0.018 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

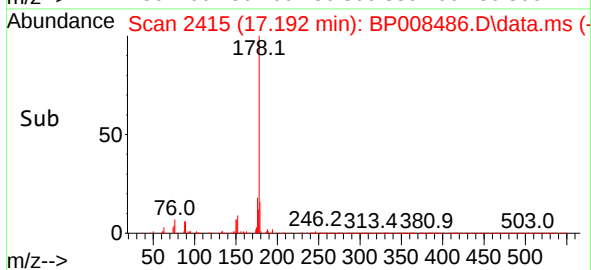
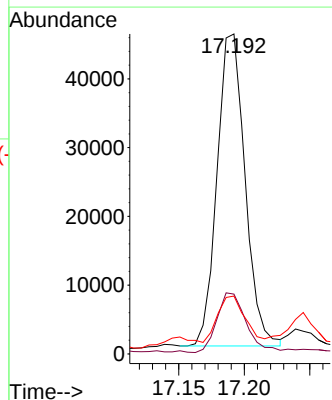
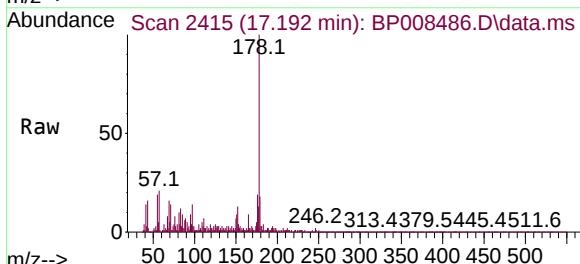
Instrument :
BNA_P
ClientSampleId :

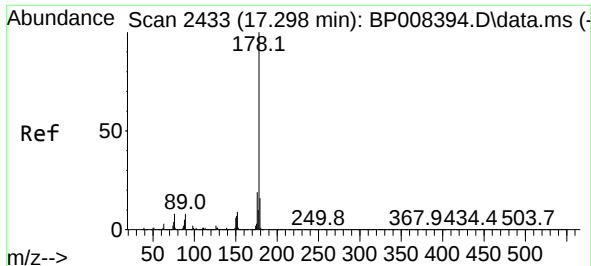
Tgt Ion:169 Resp: 34165
Ion Ratio Lower Upper
169 100
168 24.5 53.5 80.3#
167 10.9 29.3 43.9#



#71
Phenanthrene
Concen: 3.877 ng
RT: 17.192 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP008486.D
Acq: 17 Dec 2021 23:32

Tgt Ion:178 Resp: 67397
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 18.1 12.5 18.7

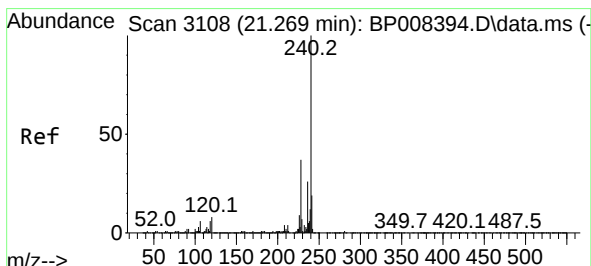
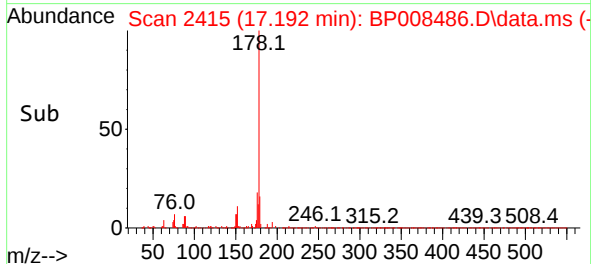
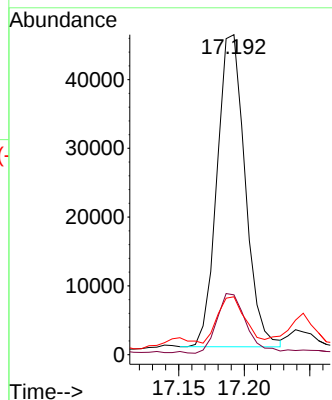
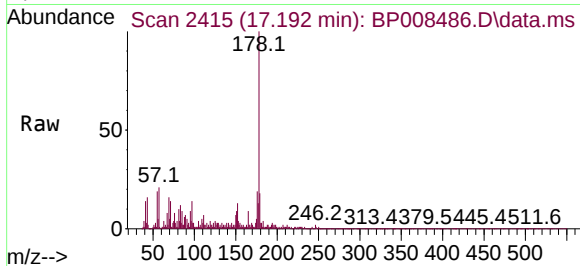




#72
 Anthracene
 Concen: 3.932 ng
 RT: 17.192 min Scan# 2433
 Delta R.T. -0.106 min
 Lab File: BP008486.D
 Acq: 17 Dec 2021 23:32

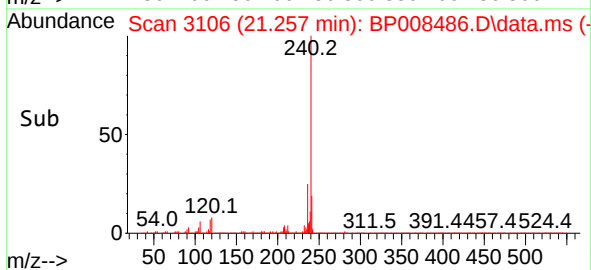
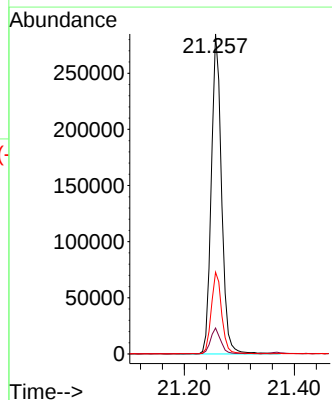
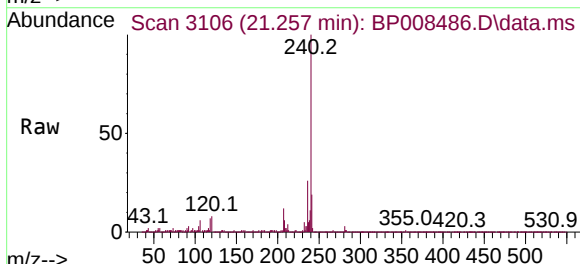
Instrument :
 BNA_P
 ClientSampleId :

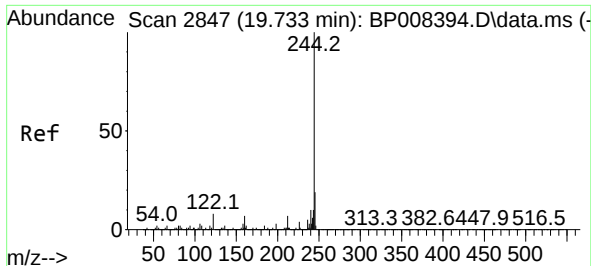
Tgt Ion:178 Resp: 67436
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.1 22.7
 179 18.1 12.3 18.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.257 min Scan# 3106
 Delta R.T. -0.012 min
 Lab File: BP008486.D
 Acq: 17 Dec 2021 23:32

Tgt Ion:240 Resp: 368222
 Ion Ratio Lower Upper
 240 100
 120 8.1 7.3 10.9
 236 25.6 21.4 32.2

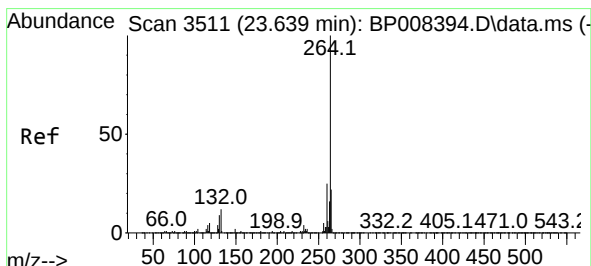
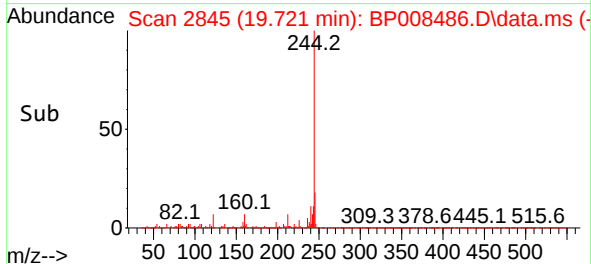
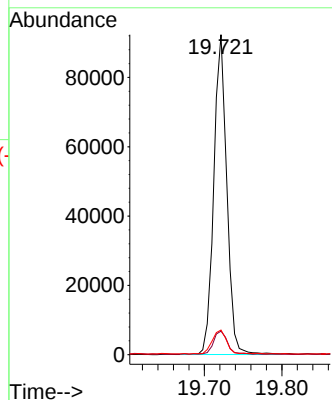
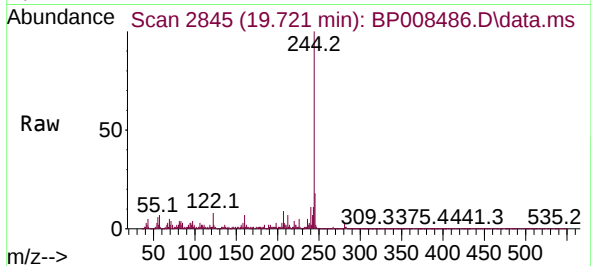




#79
 Terphenyl-d14
 Concen: 5.099 ng
 RT: 19.721 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP008486.D
 Acq: 17 Dec 2021 23:32

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:244 Resp: 107890
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.7 6.6 9.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.627 min Scan# 3509
 Delta R.T. -0.012 min
 Lab File: BP008486.D
 Acq: 17 Dec 2021 23:32

Tgt Ion:264 Resp: 404368
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.7 17.6 26.4

