

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008301.D
 Acq On : 09 Dec 2021 03:42
 Operator : CG/JU
 Sample : M4954-05DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(7.5-8)DL

Quant Time: Dec 09 05:50:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 09 01:43:36 2021
 Response via : Initial Calibration

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

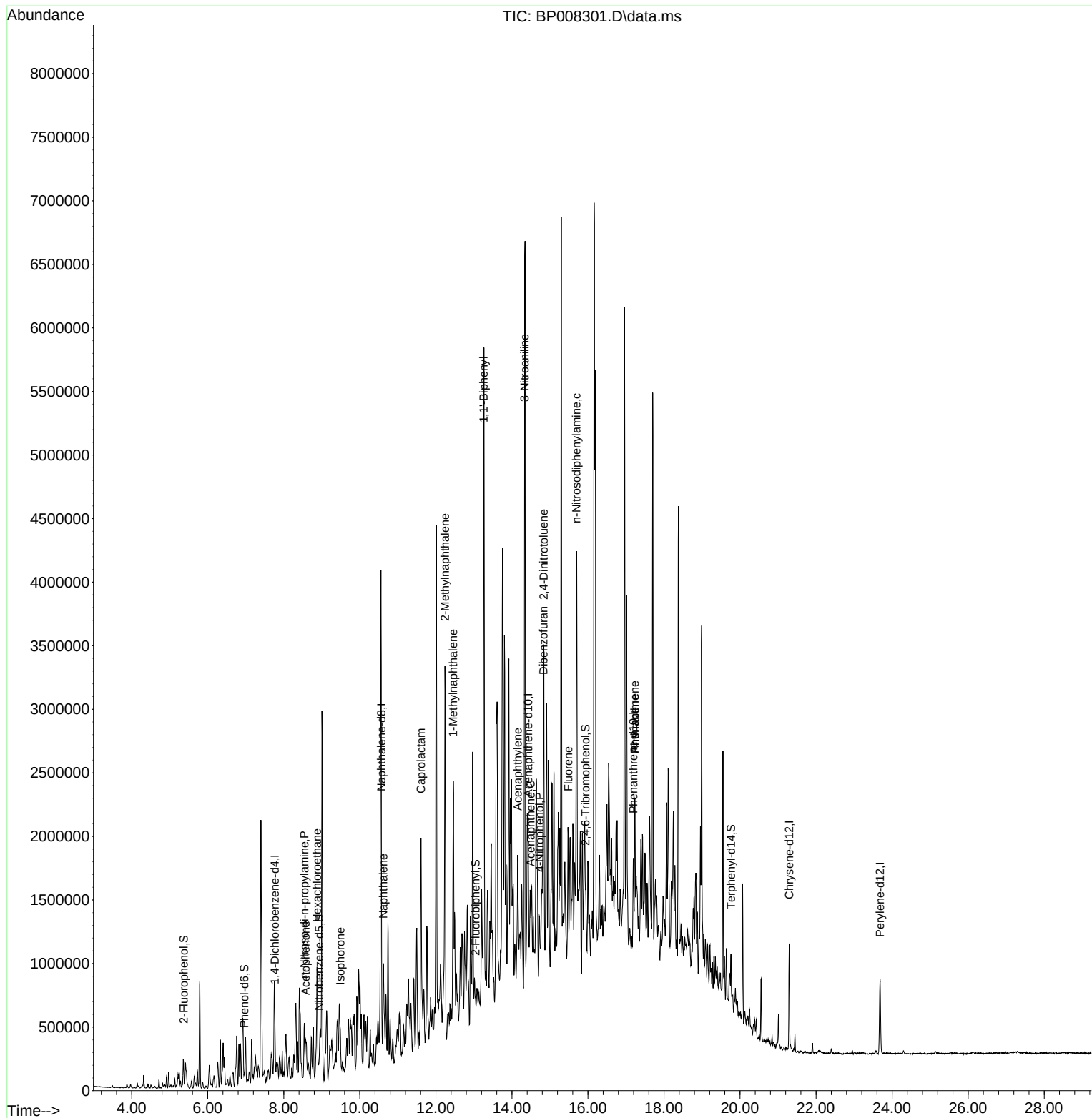
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	76597	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	265455	20.000	ng	# 0.00
39) Acenaphthene-d10	14.428	164	172491	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	345104	20.000	ng	0.00
76) Chrysene-d12	21.292	240	403717	20.000	ng	0.00
86) Perylene-d12	23.686	264	453138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	36958	7.769	ng	0.00
7) Phenol-d6	6.963	99	49441	7.699	ng	0.00
23) Nitrobenzene-d5	8.934	82	50058	8.575	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	11038	5.007	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	74136	6.243	ng	0.00
79) Terphenyl-d14	19.763	244	119961	6.210	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.875	117	68396	32.276	ng	# 1
19) n-Nitroso-di-n-propyla...	8.540	70	16888	3.800	ng	# 64
22) Acetophenone	8.575	105	160453	22.098	ng	# 59
25) Isophorone	9.487	82	34632	3.391	ng	# 1
31) Naphthalene	10.616	128	311316	22.893	ng	# 93
35) Caprolactam	11.610	113	55861	57.641	ng	# 41
37) 2-Methylnaphthalene	12.240	142	1252649	130.243	ng	97
38) 1-Methylnaphthalene	12.457	142	812163	86.754	ng	100
46) 1,1'-Biphenyl	13.257	154	138249	11.047	ng	99
49) Acenaphthylene	14.151	152	49458	3.244	ng	# 1
52) Acenaphthene	14.492	154	86734	9.545	ng	90
53) 3-Nitroaniline	14.334	138	5809	2.132	ng	# 40
55) Dibenzofuran	14.828	168	77615	4.998	ng	# 1
56) 4-Nitrophenol	14.728	139	17128	8.203	ng	# 55
57) 2,4-Dinitrotoluene	14.834	165	47033	12.749	ng	# 55
58) Fluorene	15.481	166	157426	12.478	ng	# 86
66) n-Nitrosodiphenylamine	15.698	169	297397	29.750	ng	# 53
71) Phenanthrene	17.233	178	655060	35.951	ng	98
72) Anthracene	17.233	178	655060	36.226	ng	97

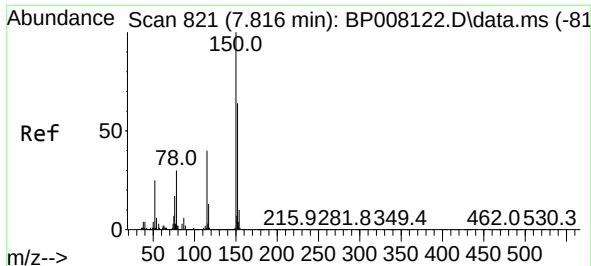
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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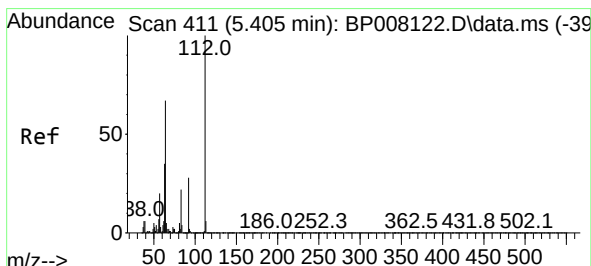
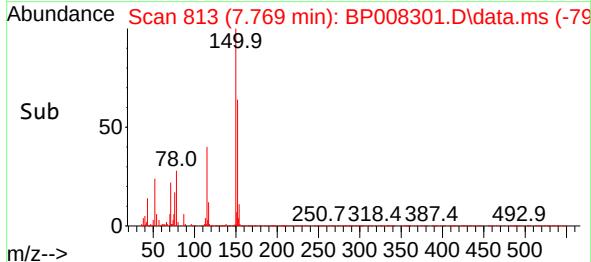
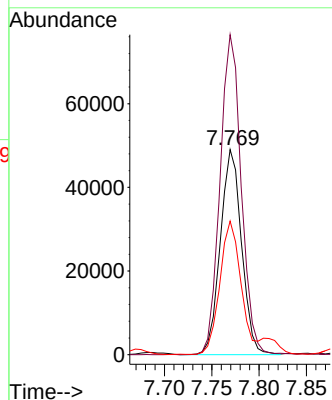
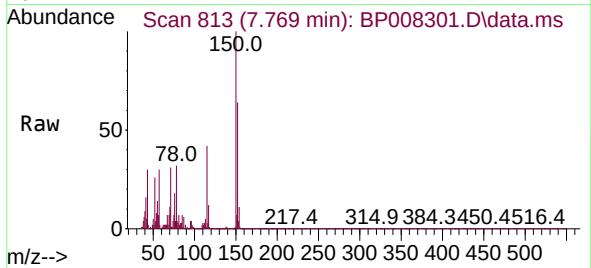




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

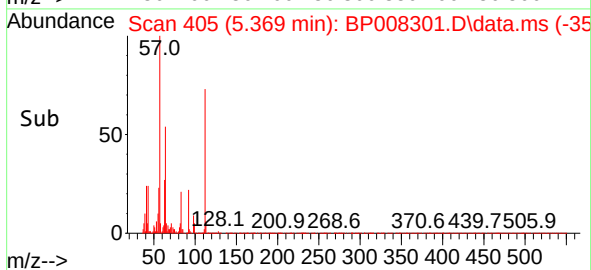
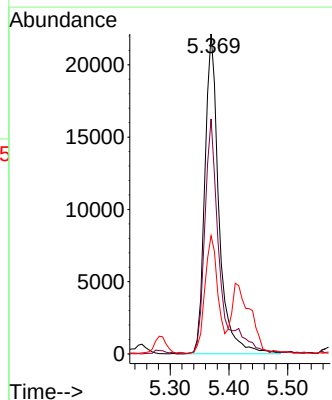
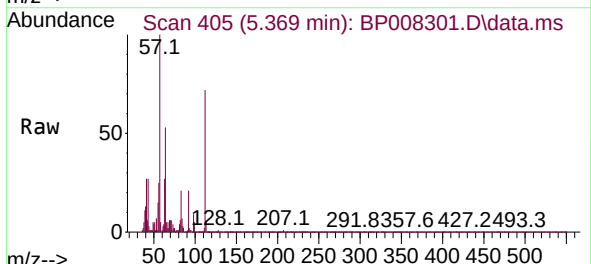
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

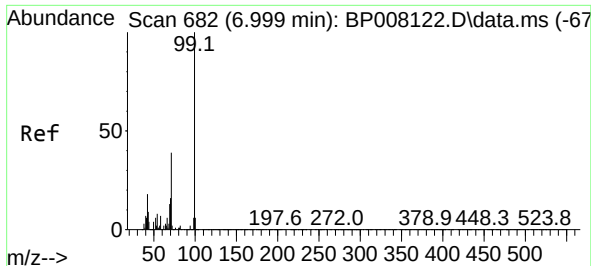
Tgt Ion:152 Resp: 76597
Ion Ratio Lower Upper
152 100
150 156.0 125.7 188.5
115 65.1 50.7 76.1



#5
2-Fluorophenol
Concen: 7.769 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:112 Resp: 36958
Ion Ratio Lower Upper
112 100
64 73.5 53.4 80.2
63 36.9 27.8 41.8





#7

Phenol-d6

Concen: 7.699 ng

RT: 6.963 min Scan# 61

Delta R.T. 0.000 min

Lab File: BP008301.D

Acq: 09 Dec 2021 03:42

Instrument :

BNA_P

ClientSampleId :

SB-5(7.5-8)DL

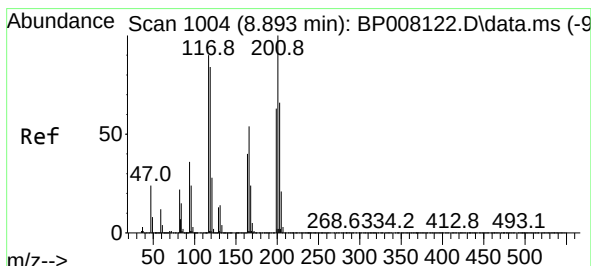
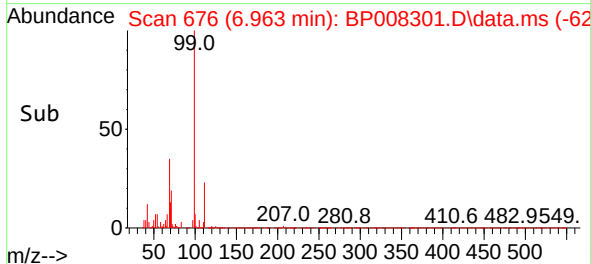
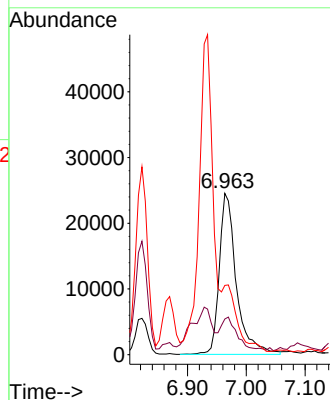
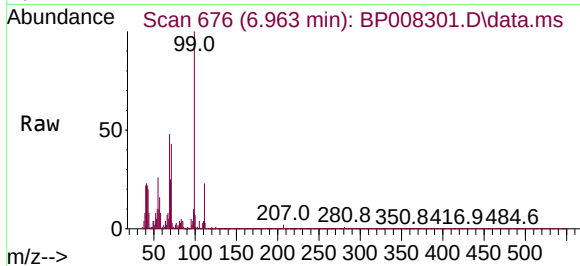
Tgt Ion: 99 Resp: 49441

Ion Ratio Lower Upper

99 100

42 22.1 14.6 22.0#

71 43.0 31.1 46.7



#18

Hexachloroethane

Concen: 32.276 ng

RT: 8.875 min Scan# 1001

Delta R.T. 0.029 min

Lab File: BP008301.D

Acq: 09 Dec 2021 03:42

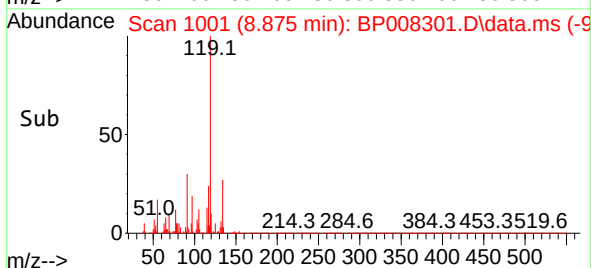
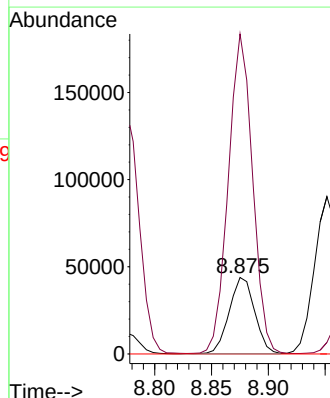
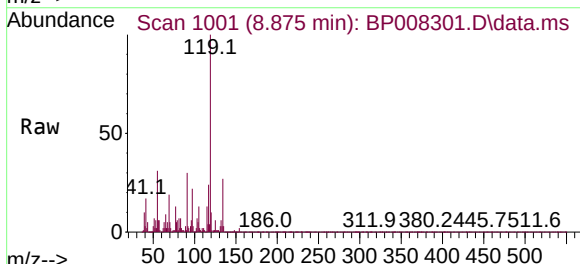
Tgt Ion: 117 Resp: 68396

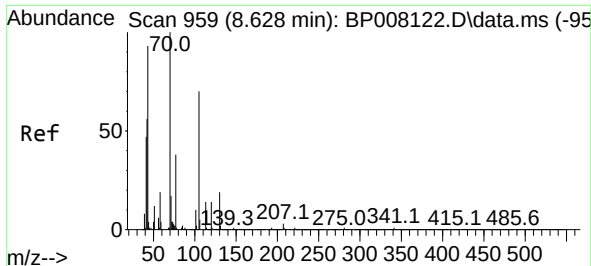
Ion Ratio Lower Upper

117 100

119 418.3 74.7 112.1#

201 0.0 88.6 132.8#

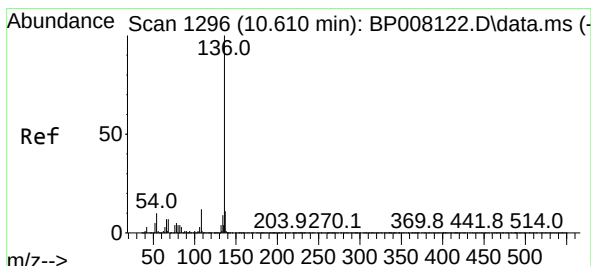
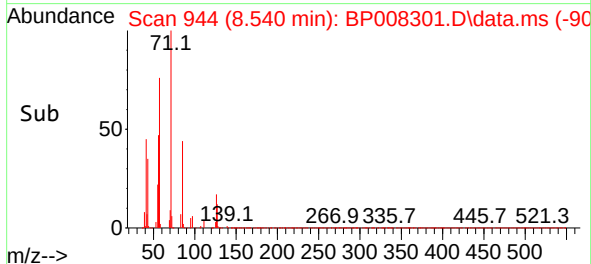
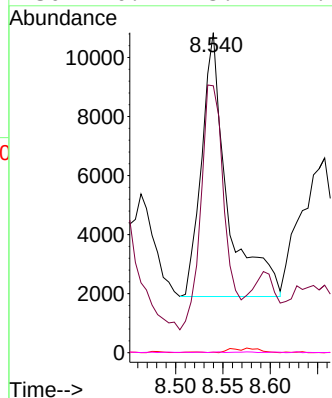
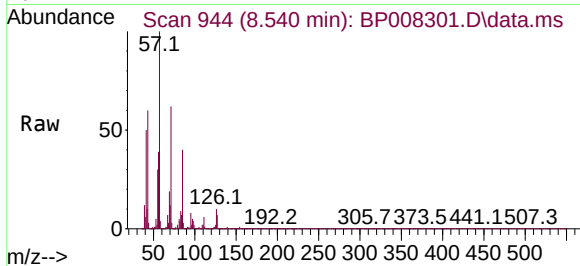




#19
n-Nitroso-di-n-propylamine
Concen: 3.800 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.053 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

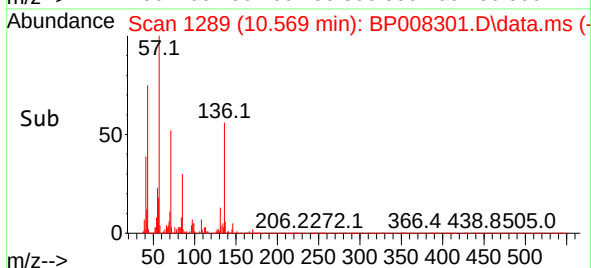
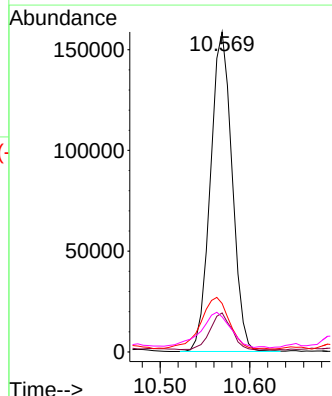
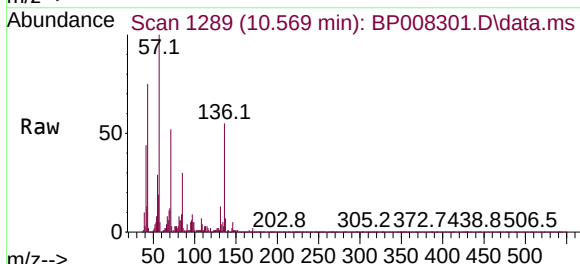
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

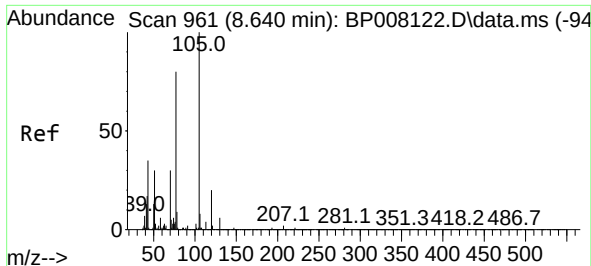
Tgt Ion: 70 Resp: 16888
Ion Ratio Lower Upper
70 100
42 83.4 45.4 68.2#
101 0.2 7.6 11.4#
130 0.2 15.1 22.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.569 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion: 136 Resp: 265455
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 15.1 8.2 12.4#
68 11.0 5.8 8.8#

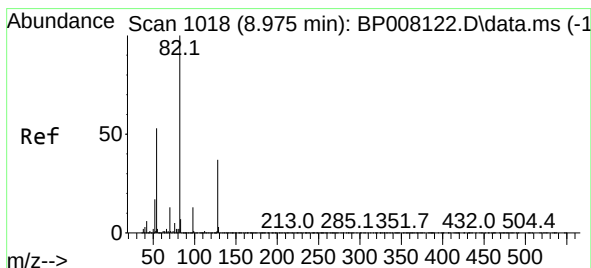
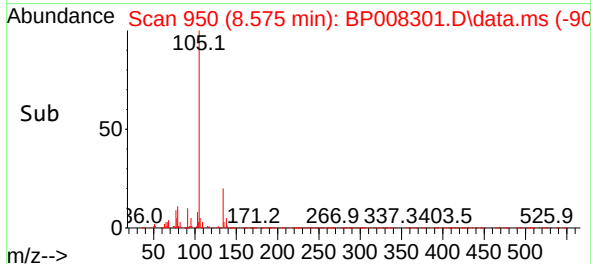
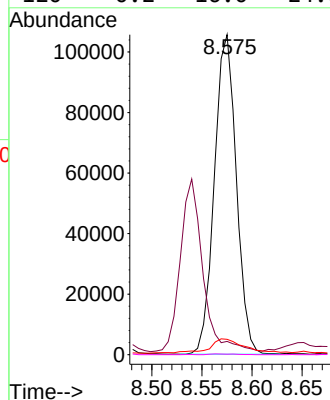
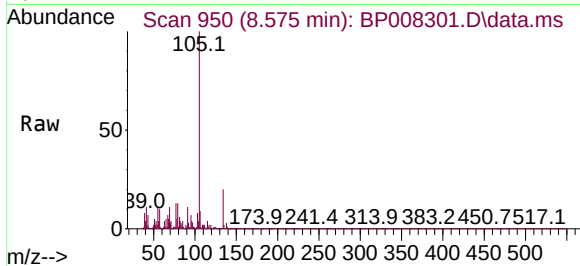




#22
Acetophenone
Concen: 22.098 ng
RT: 8.575 min Scan# 91
Delta R.T. -0.029 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

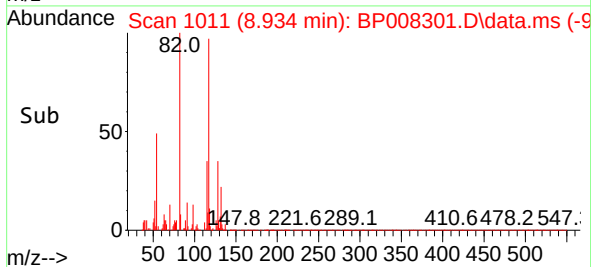
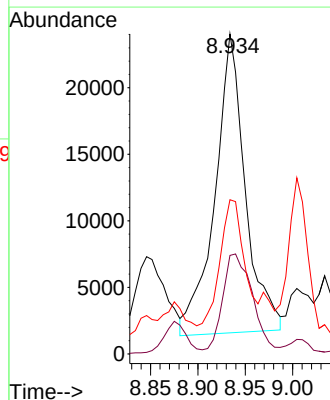
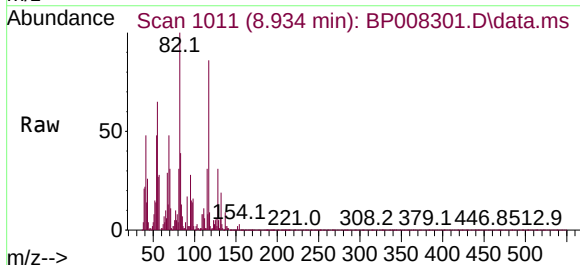
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

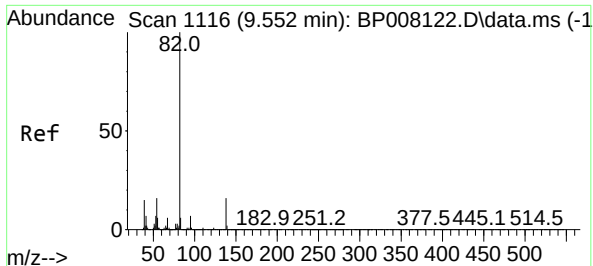
Tgt Ion:	105	Resp:	160453
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.0	6.0
51	4.8	23.8	35.6#
120	0.2	16.0	24.0#



#23
Nitrobenzene-d5
Concen: 8.575 ng
RT: 8.934 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:	82	Resp:	50058
Ion	Ratio	Lower	Upper
82	100		
128	30.8	29.6	44.4
54	48.2	42.7	64.1

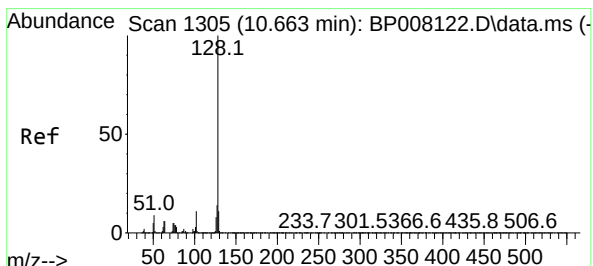
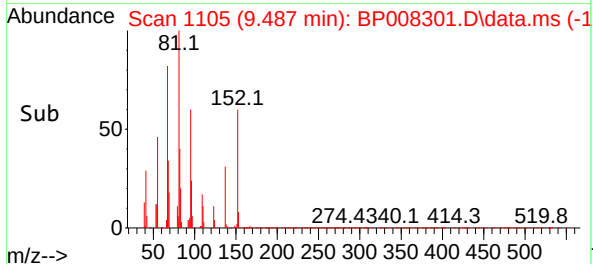
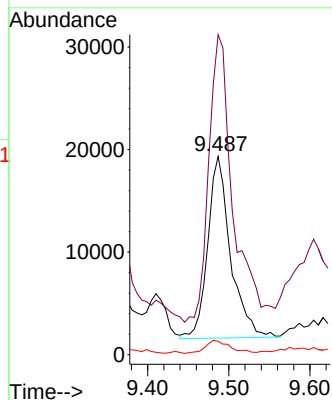
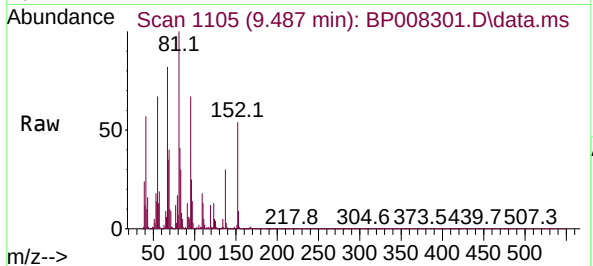




#25
Isophorone
Concen: 3.391 ng
RT: 9.487 min Scan# 1116
Delta R.T. -0.029 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

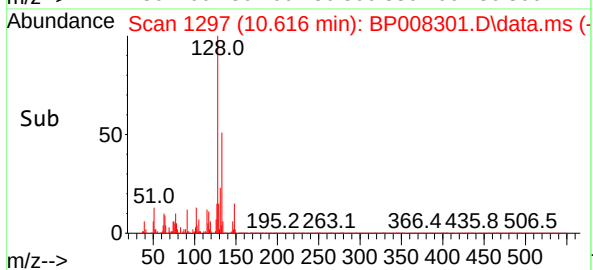
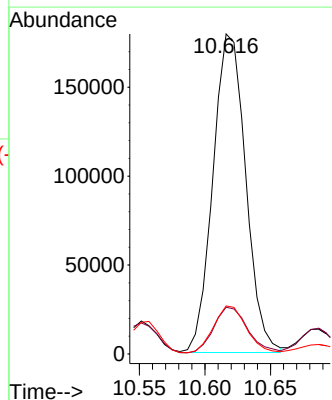
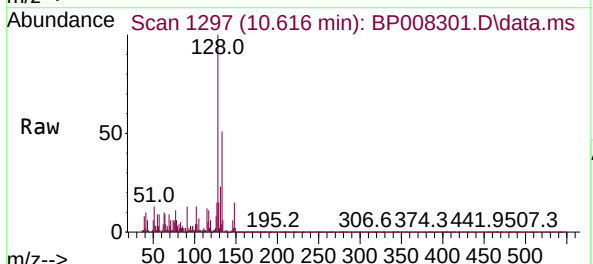
Instrument :
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ClientSampleId :
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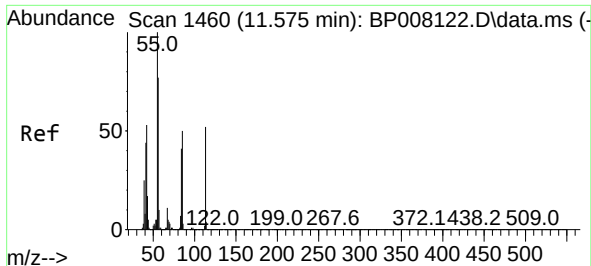
Tgt Ion: 82 Resp: 34632
Ion Ratio Lower Upper
82 100
95 161.4 5.9 8.9#
138 6.8 12.7 19.1#



#31
Naphthalene
Concen: 22.893 ng
RT: 10.616 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion: 128 Resp: 311316
Ion Ratio Lower Upper
128 100
129 14.6 8.5 12.7#
127 15.0 10.9 16.3

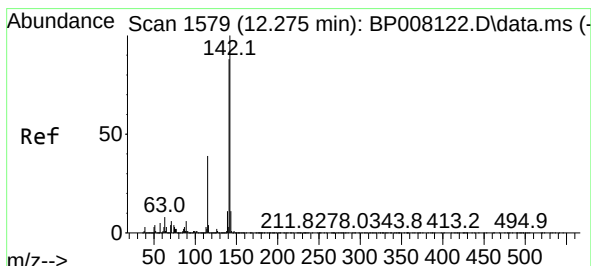
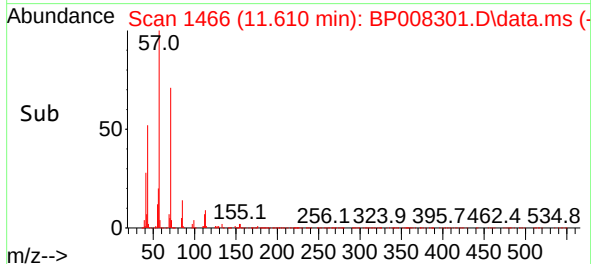
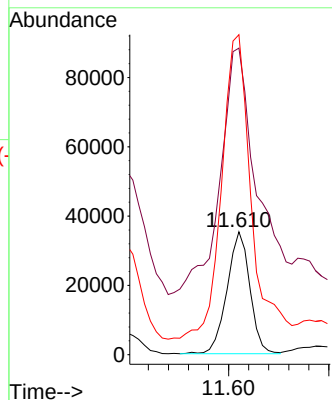
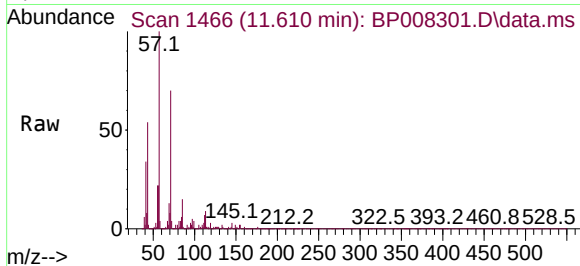




#35
Caprolactam
Concen: 57.641 ng
RT: 11.610 min Scan# 1466
Delta R.T. 0.053 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

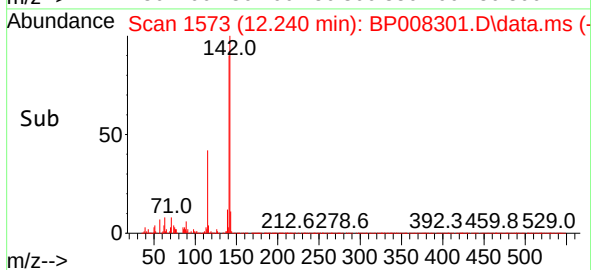
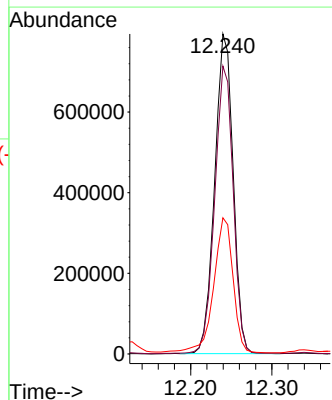
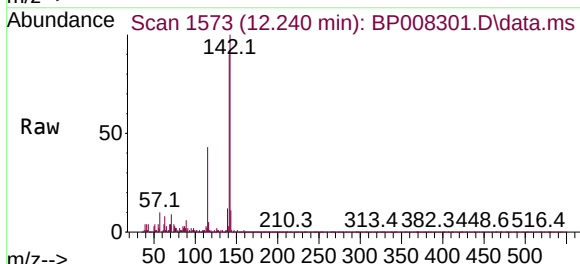
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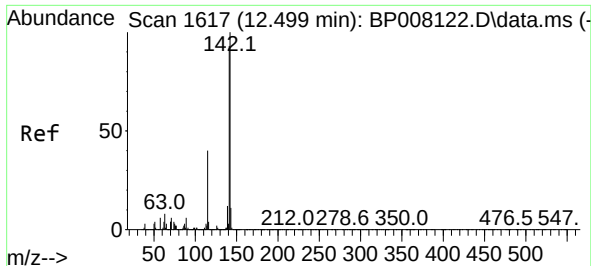
Tgt Ion:113 Resp: 55861
Ion Ratio Lower Upper
113 100
55 249.5 174.2 214.2#
56 260.5 130.3 170.3#



#37
2-Methylnaphthalene
Concen: 130.243 ng
RT: 12.240 min Scan# 1573
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:142 Resp: 1252649
Ion Ratio Lower Upper
142 100
141 90.0 70.7 106.1
115 42.6 30.9 46.3

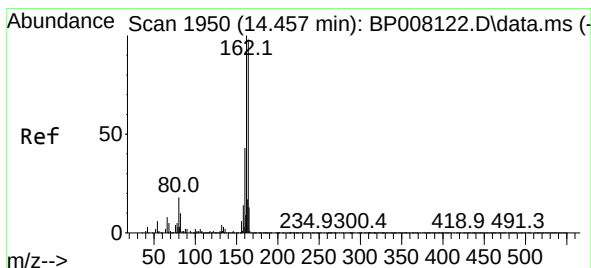
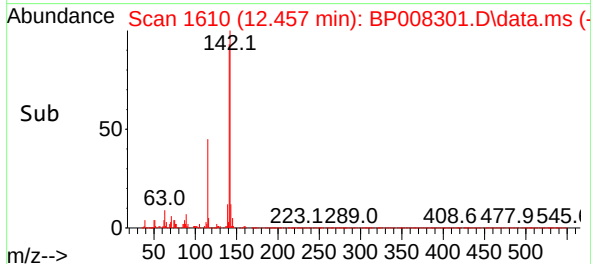
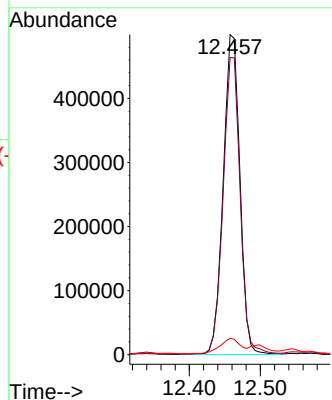
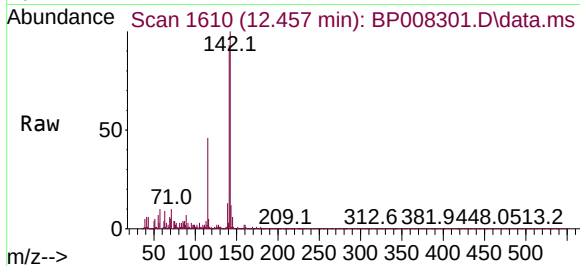




#38
1-Methylnaphthalene
Concen: 86.754 ng
RT: 12.457 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

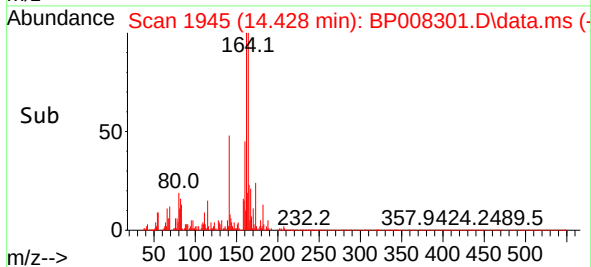
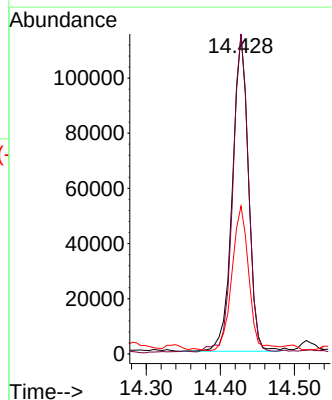
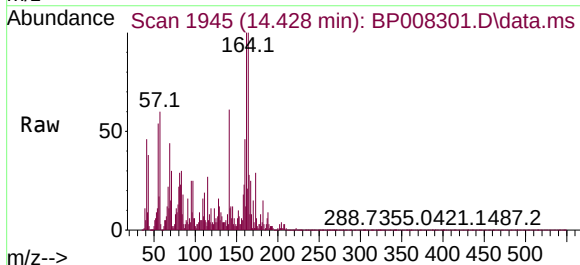
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

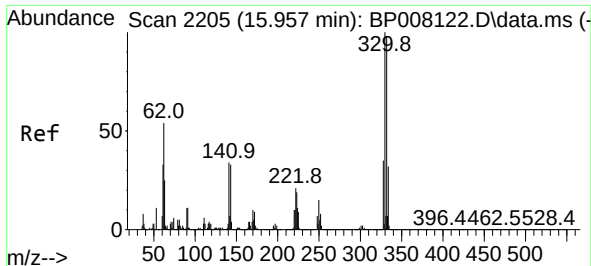
Tgt Ion:142 Resp: 812163
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4
116 5.1 3.4 5.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:164 Resp: 172491
Ion Ratio Lower Upper
164 100
162 100.0 81.9 122.9
160 46.2 35.4 53.0

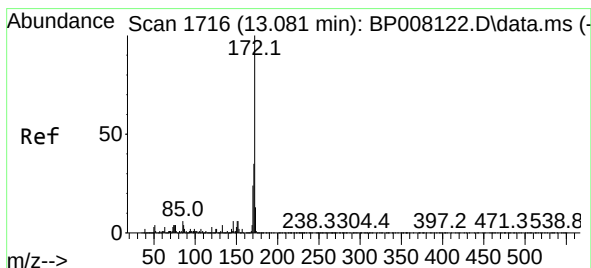
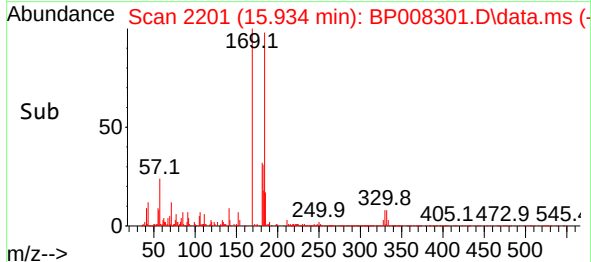
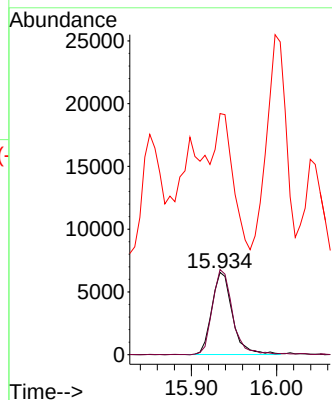
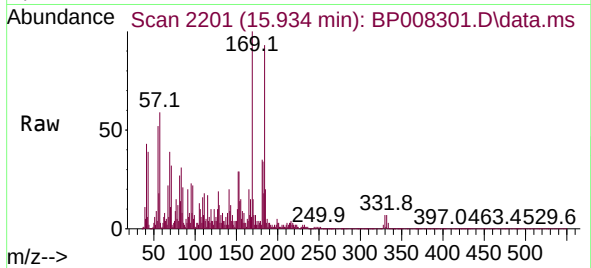




#42
2,4,6-Tribromophenol
Concen: 5.007 ng
RT: 15.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

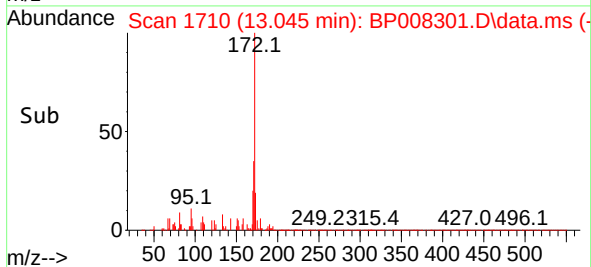
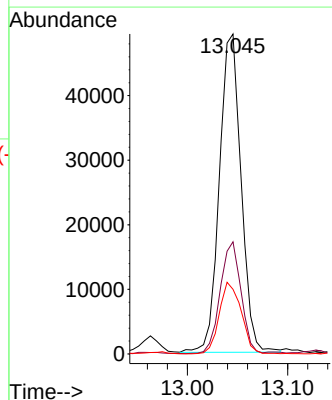
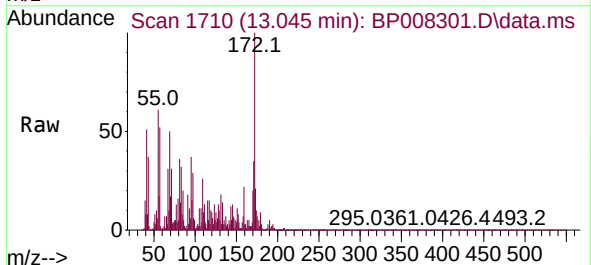
Instrument :
BNA_P
ClientSampleId :
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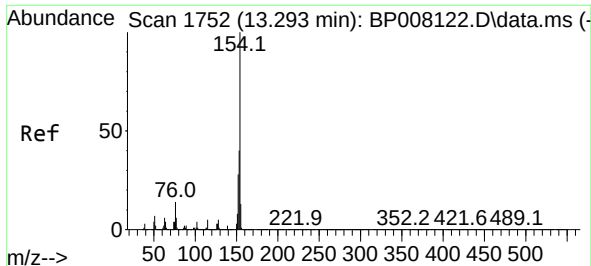
Tgt Ion:330 Resp: 11038
Ion Ratio Lower Upper
330 100
332 100.6 77.0 115.4
141 143.3 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 6.243 ng
RT: 13.045 min Scan# 1710
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:172 Resp: 74136
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 20.2 18.9 28.3

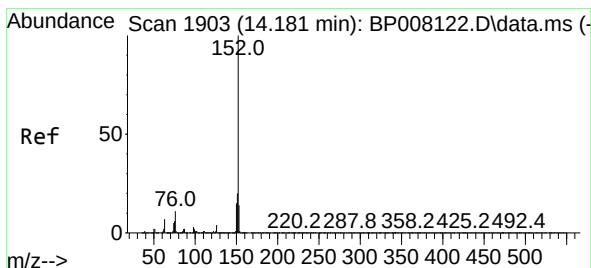
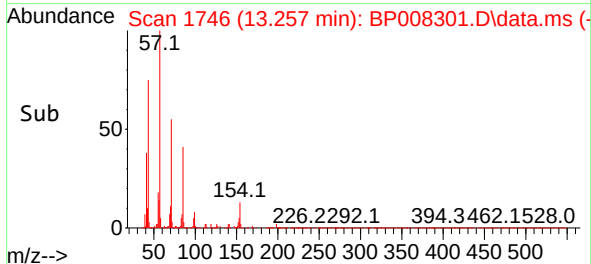
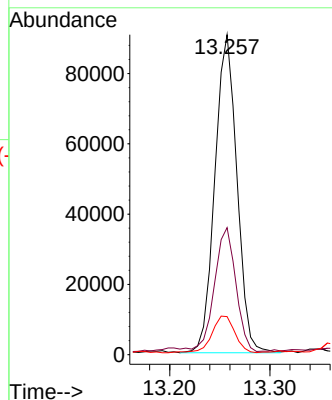
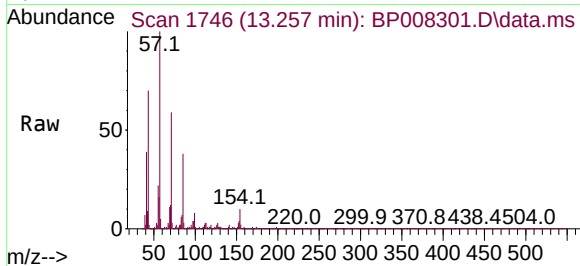




#46
1,1'-Biphenyl
Concen: 11.047 ng
RT: 13.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

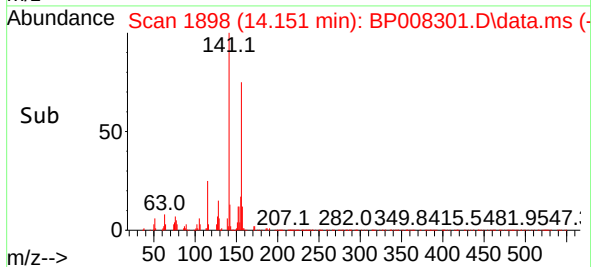
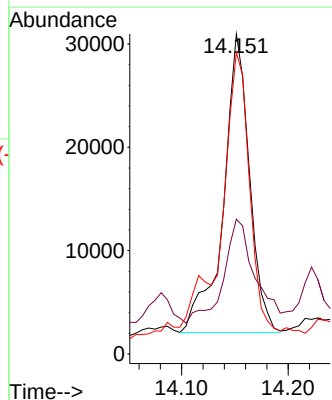
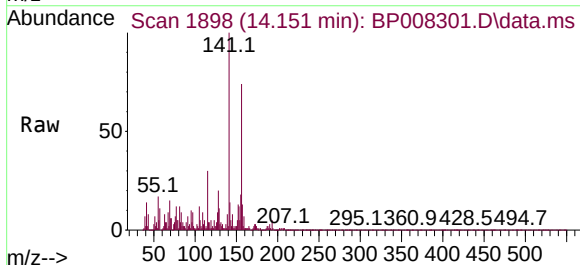
Instrument :
BNA_P
ClientSampleId :
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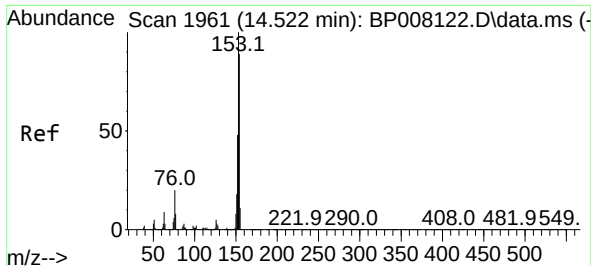
Tgt Ion:154 Resp: 138249
Ion Ratio Lower Upper
154 100
153 39.7 19.7 59.7
76 11.9 0.0 33.7



#49
Acenaphthylene
Concen: 3.244 ng
RT: 14.151 min Scan# 1898
Delta R.T. 0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:152 Resp: 49458
Ion Ratio Lower Upper
152 100
151 42.1 16.2 24.4#
153 94.2 10.9 16.3#

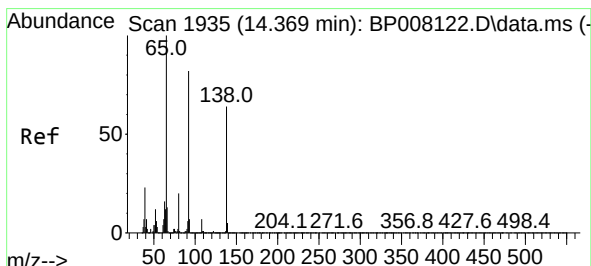
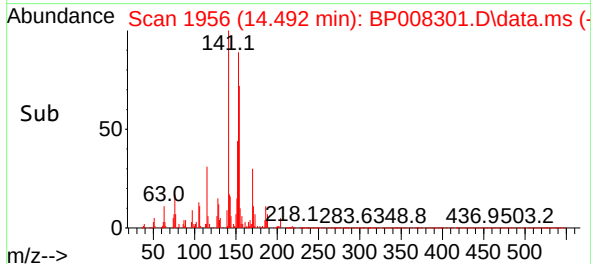
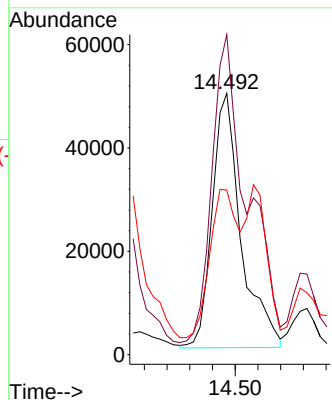
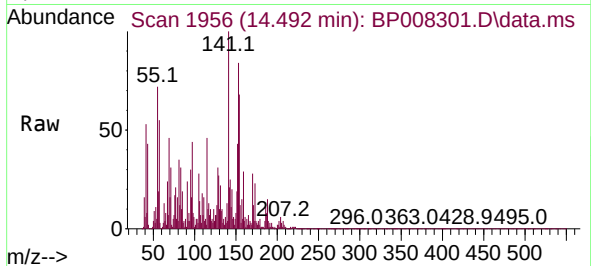




#52
Acenaphthene
Concen: 9.545 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

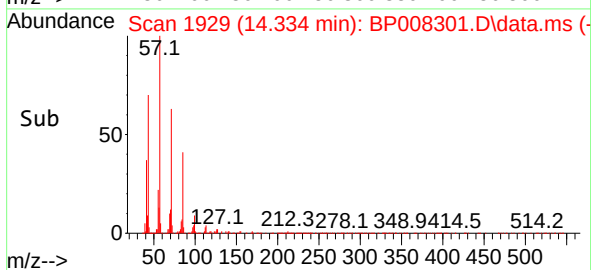
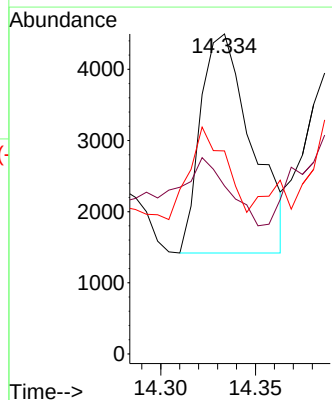
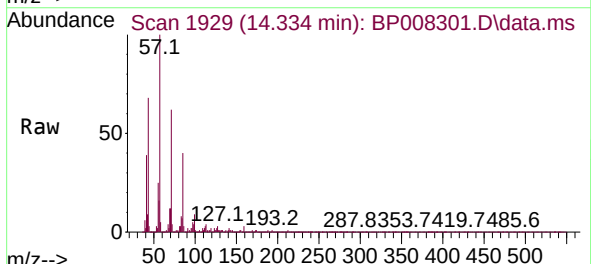
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

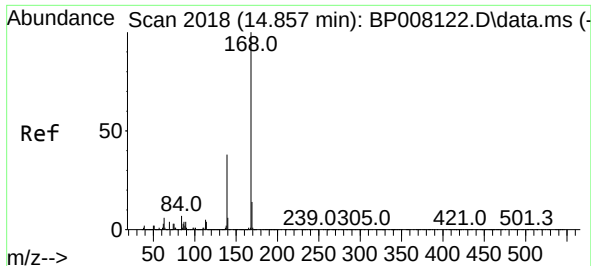
Tgt Ion:154 Resp: 86734
Ion Ratio Lower Upper
154 100
153 122.5 90.3 135.5
152 63.0 43.3 64.9



#53
3-Nitroaniline
Concen: 2.132 ng
RT: 14.334 min Scan# 1929
Delta R.T. -0.012 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:138 Resp: 5809
Ion Ratio Lower Upper
138 100
108 52.5 9.2 13.8#
92 63.5 102.9 154.3#

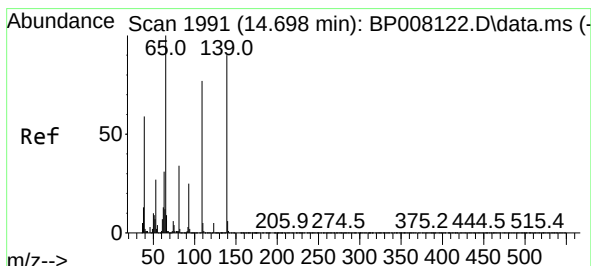
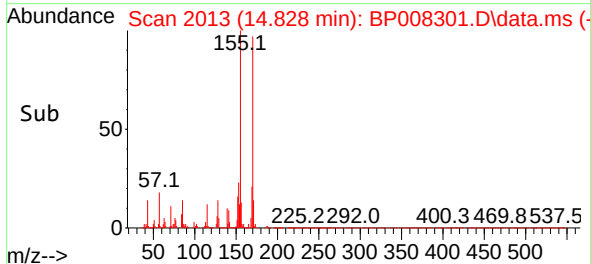
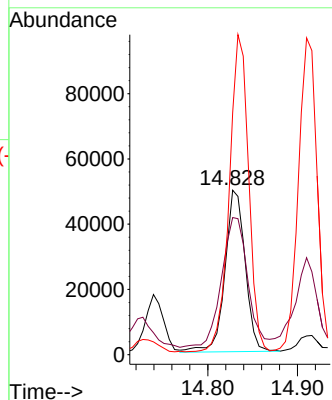
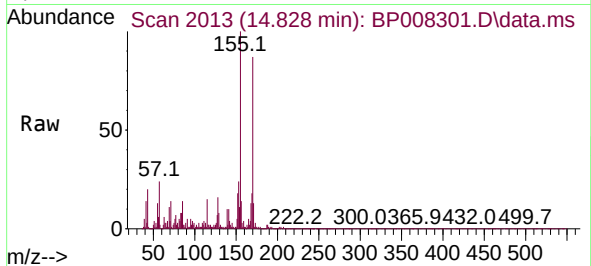




#55
Dibenzenofuran
Concen: 4.998 ng
RT: 14.828 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

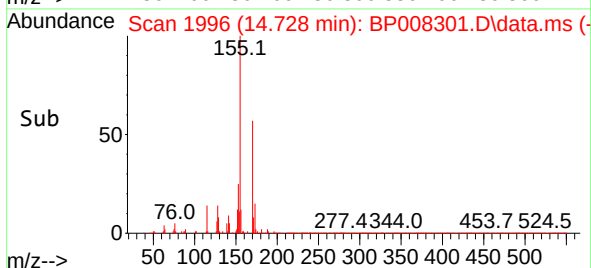
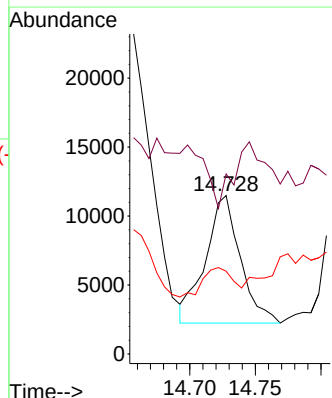
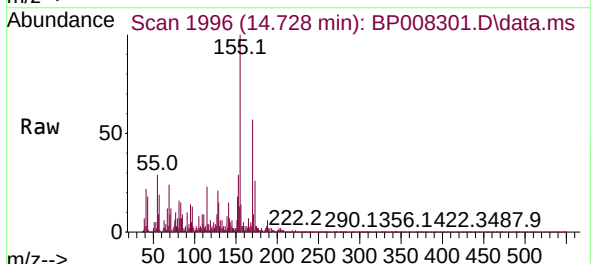
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

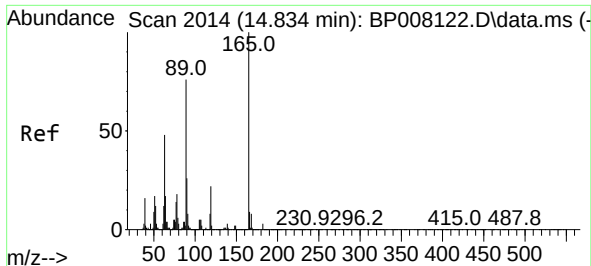
Tgt Ion:168 Resp: 77615
Ion Ratio Lower Upper
168 100
139 83.3 30.6 46.0#
169 147.1 11.0 16.4#



#56
4-Nitrophenol
Concen: 8.203 ng
RT: 14.728 min Scan# 1996
Delta R.T. 0.041 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:139 Resp: 17128
Ion Ratio Lower Upper
139 100
109 113.7 65.9 105.9#
65 52.3 91.9 131.9#

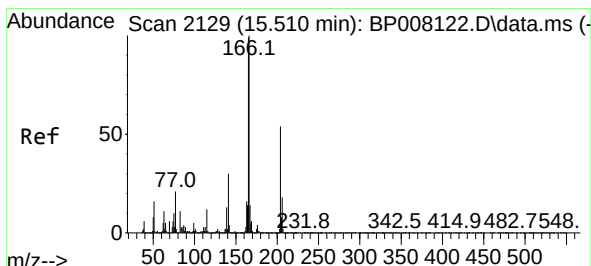
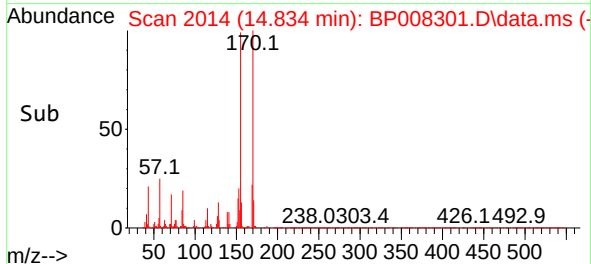
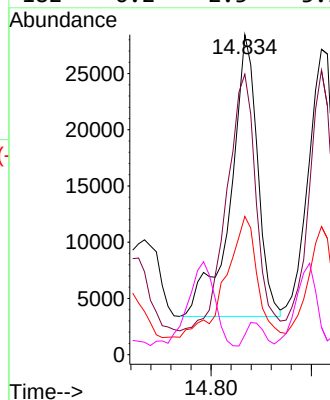
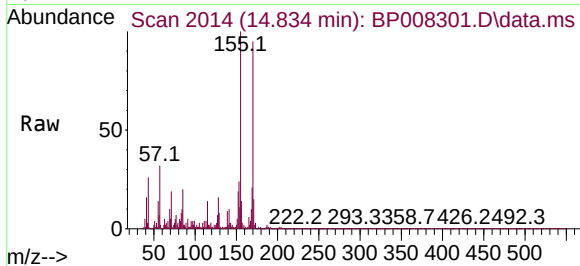




#57
2,4-Dinitrotoluene
Concen: 12.749 ng
RT: 14.834 min Scan# 2014
Delta R.T. 0.024 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

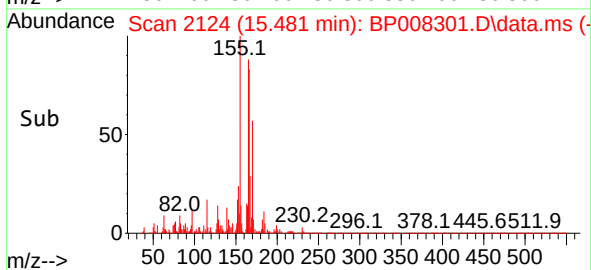
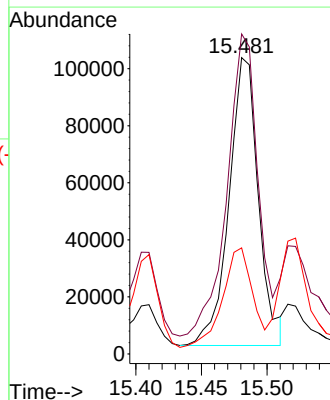
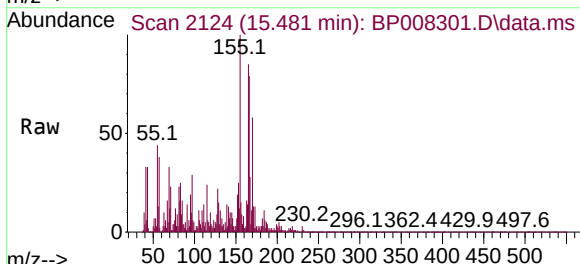
Instrument :
BNA_P
ClientSampleId :
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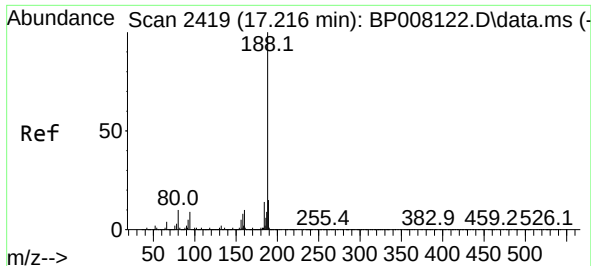
Tgt Ion:165 Resp: 47033
Ion Ratio Lower Upper
165 100
63 87.7 38.9 58.3#
89 43.2 60.5 90.7#
182 6.2 2.3 3.5#



#58
Fluorene
Concen: 12.478 ng
RT: 15.481 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:166 Resp: 157426
Ion Ratio Lower Upper
166 100
165 108.0 79.4 119.2
167 35.8 10.9 16.3#

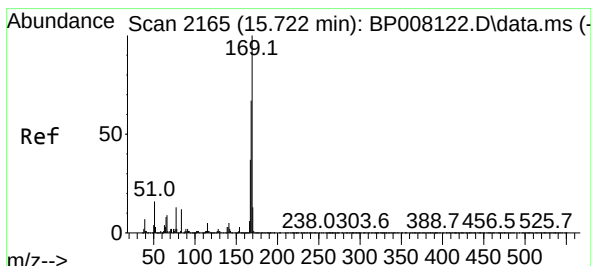
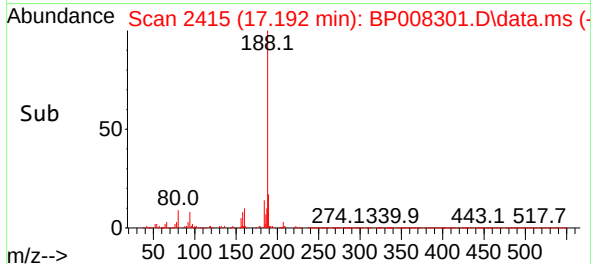
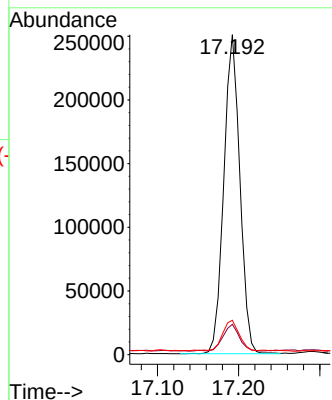
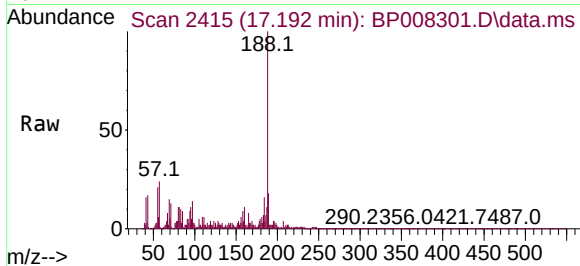




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

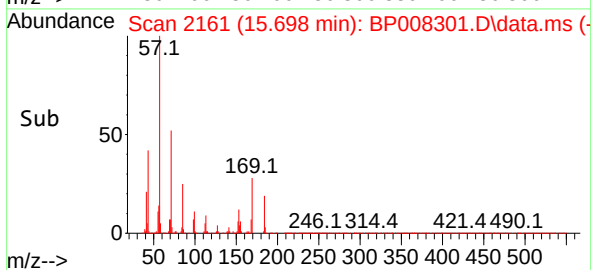
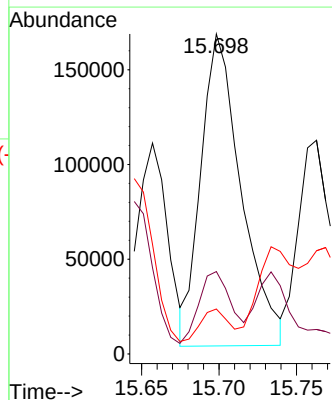
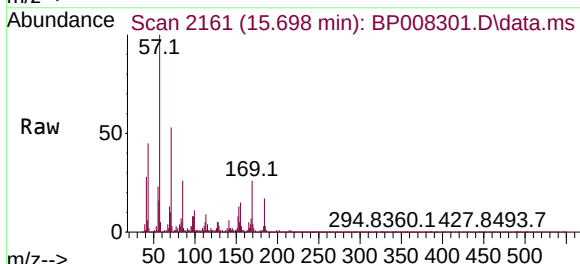
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

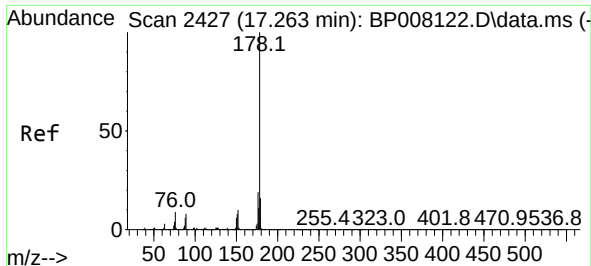
Tgt Ion:188 Resp: 345104
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 10.8 8.2 12.4



#66
n-Nitrosodiphenylamine
Concen: 29.750 ng
RT: 15.698 min Scan# 2161
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:169 Resp: 297397
Ion Ratio Lower Upper
169 100
168 25.7 53.5 80.3#
167 14.1 29.3 43.9#

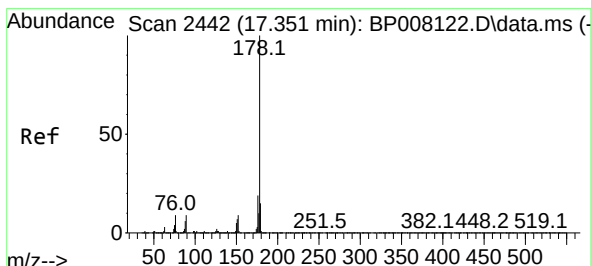
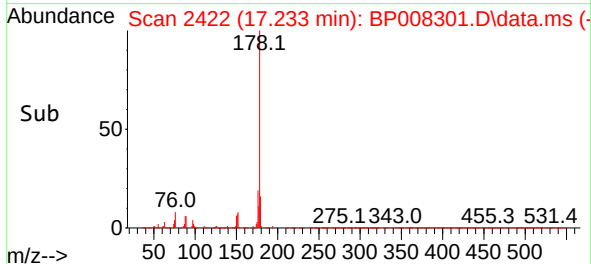
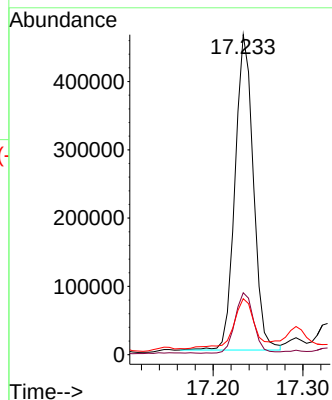
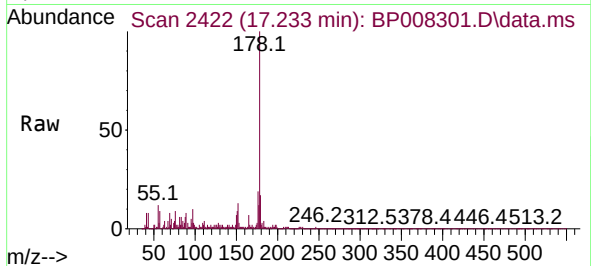




#71
Phenanthrene
Concen: 35.951 ng
RT: 17.233 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

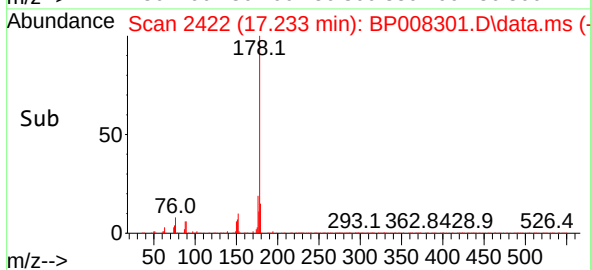
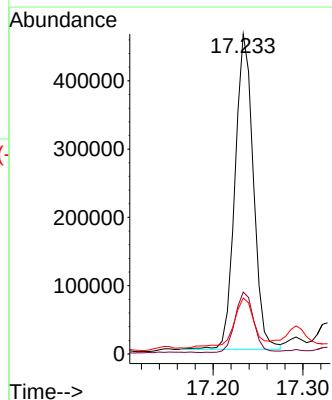
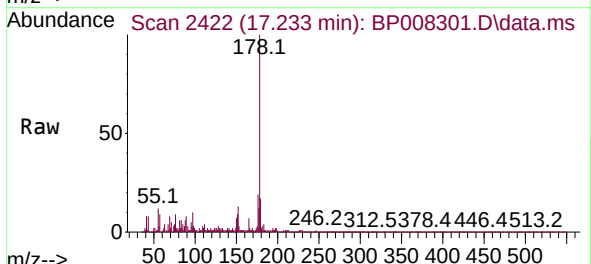
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

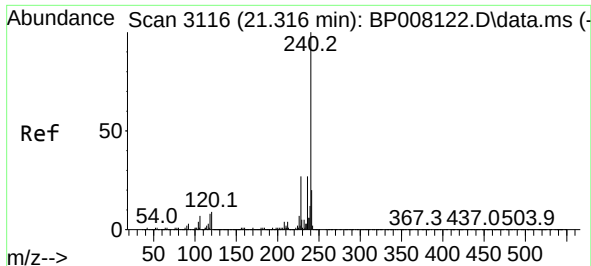
Tgt Ion:178 Resp: 655060
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 17.5 12.5 18.7



#72
Anthracene
Concen: 36.226 ng
RT: 17.233 min Scan# 2422
Delta R.T. -0.094 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:178 Resp: 655060
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 17.5 12.3 18.5

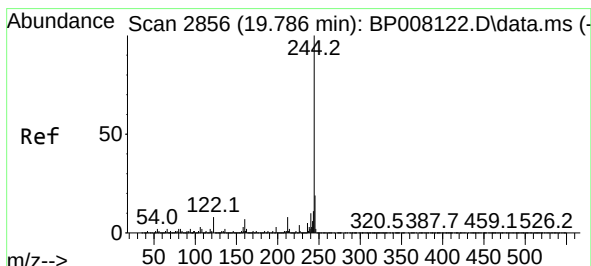
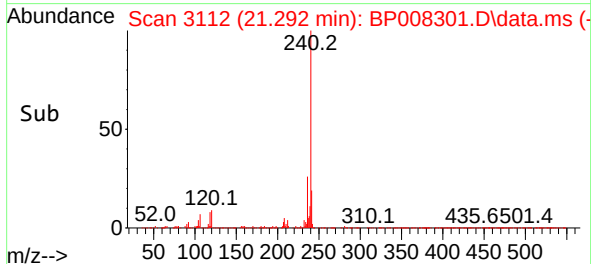
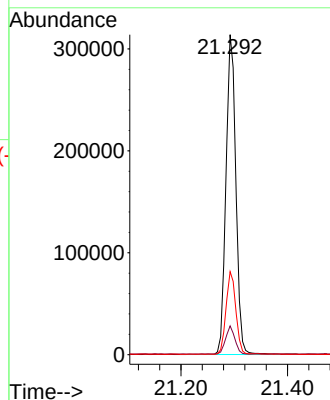
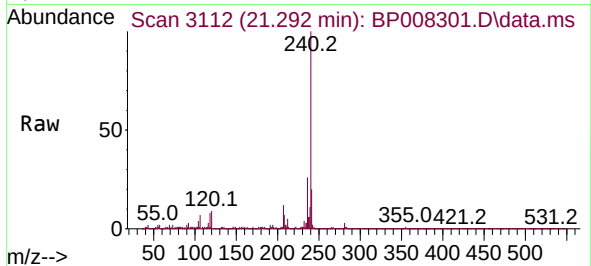




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.292 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

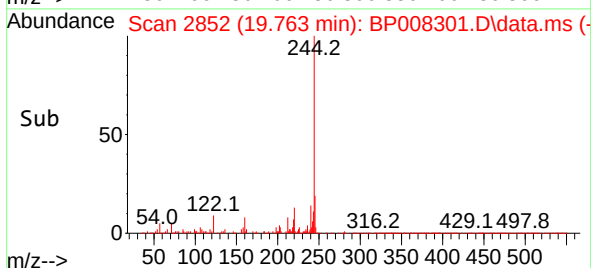
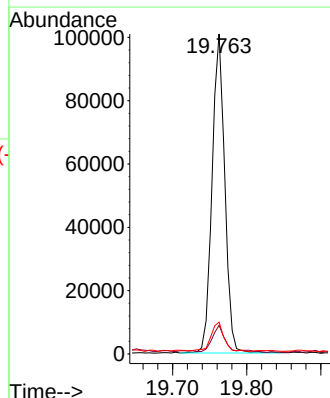
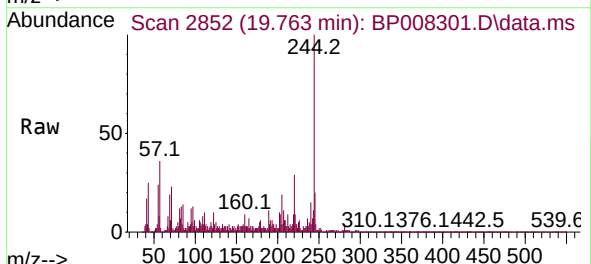
Instrument :
BNA_P
ClientSampleId :
SB-5(7.5-8)DL

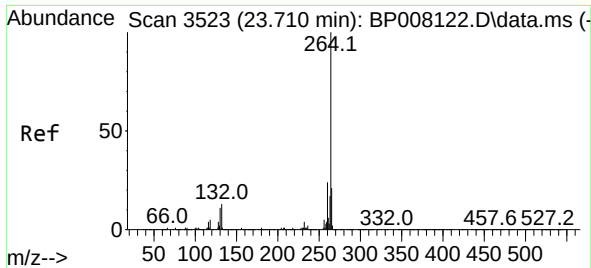
Tgt Ion:240 Resp: 403717
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 6.210 ng
RT: 19.763 min Scan# 2852
Delta R.T. -0.006 min
Lab File: BP008301.D
Acq: 09 Dec 2021 03:42

Tgt Ion:244 Resp: 119961
Ion Ratio Lower Upper
244 100
212 9.0 6.0 9.0
122 10.0 6.6 9.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.686 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP008301.D
 Acq: 09 Dec 2021 03:42

Instrument :
 BNA_P
 ClientSampleId :
 SB-5(7.5-8)DL

Tgt Ion:264 Resp: 453138
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 22.1 17.6 26.4

