

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101589.D
 Acq On : 12 Nov 2024 23:25
 Operator : RC/JU
 Sample : P4739-09DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-B2DL

Quant Time: Nov 13 00:19:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

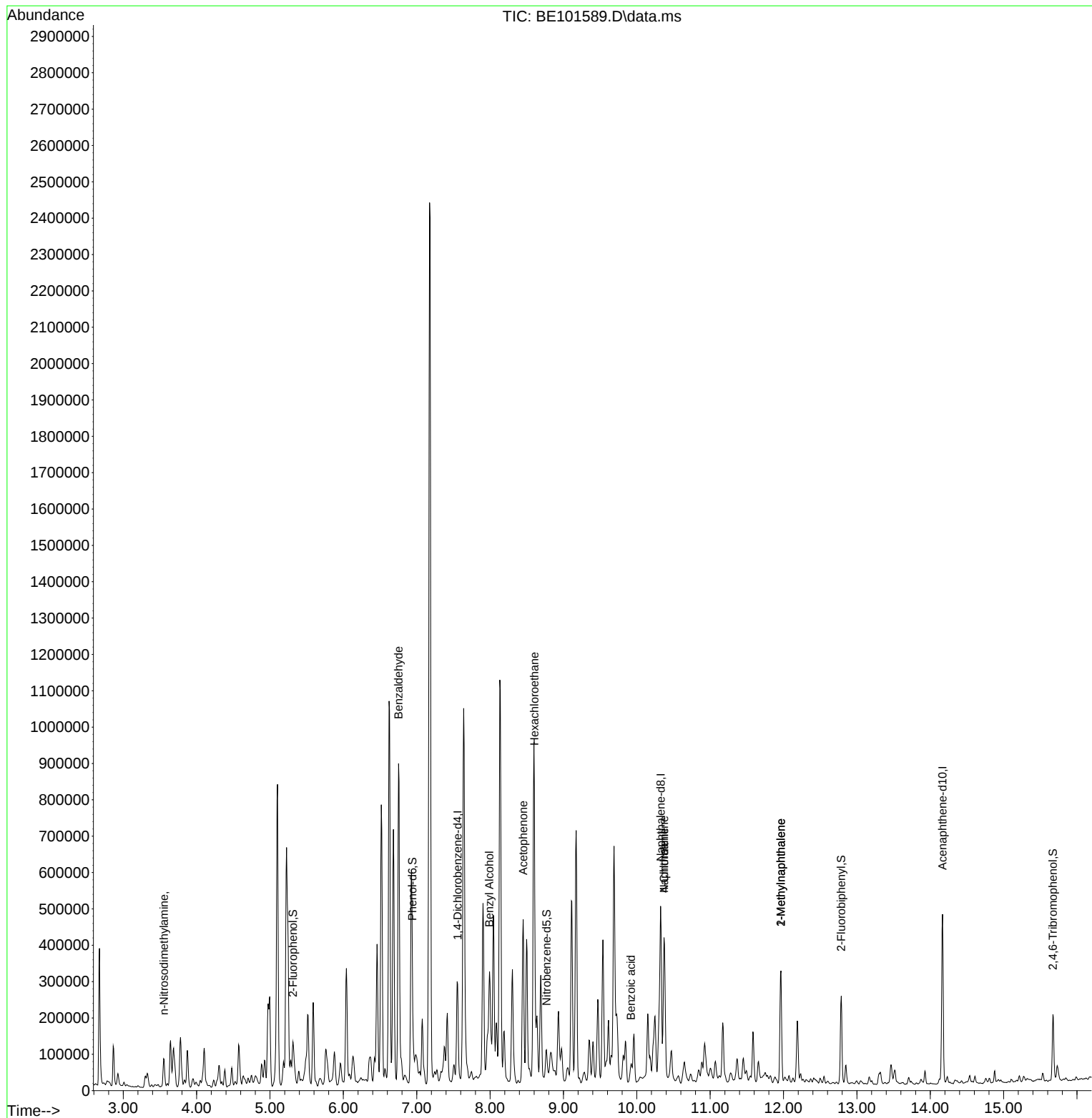
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	52986	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	247444	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	164286	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	339948	20.000	ng	0.00
76) Chrysene-d12	21.065	240	335442	20.000	ng	-0.01
86) Perylene-d12	23.351	264	433450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	55109	18.390	ng	0.00
7) Phenol-d6	6.941	99	75062	18.269	ng	0.00
23) Nitrobenzene-d5	8.768	82	48142	12.289	ng	0.00
42) 2,4,6-Tribromophenol	15.672	330	48092	15.557	ng	-0.01
45) 2-Fluorobiphenyl	12.787	172	133246	13.243	ng	-0.01
79) Terphenyl-d14	19.491	244	218237	14.401	ng	-0.01
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.557	42	2846	2.304	ng	# 1
9) Benzaldehyde	6.753	77	58186	28.952	ng	# 1
15) Benzyl Alcohol	7.993	79	8770	3.654	ng	# 1
18) Hexachloroethane	8.604	117	92514	69.780	ng	# 1
22) Acetophenone	8.451	105	33991	6.066	ng	# 39
31) Naphthalene	10.372	128	283444	22.690	ng	# 98
32) Benzoic acid	9.920	122	639	7.068	ng	# 1
33) 4-Chloroaniline	10.372	127	37922	8.633	ng	# 29
37) 2-Methylnaphthalene	11.964	142	164094	18.494	ng	100
38) 1-Methylnaphthalene	11.964	142	164094	18.545	ng	96
78) Pyrene	19.320	202	42429	2.223	ng	98

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

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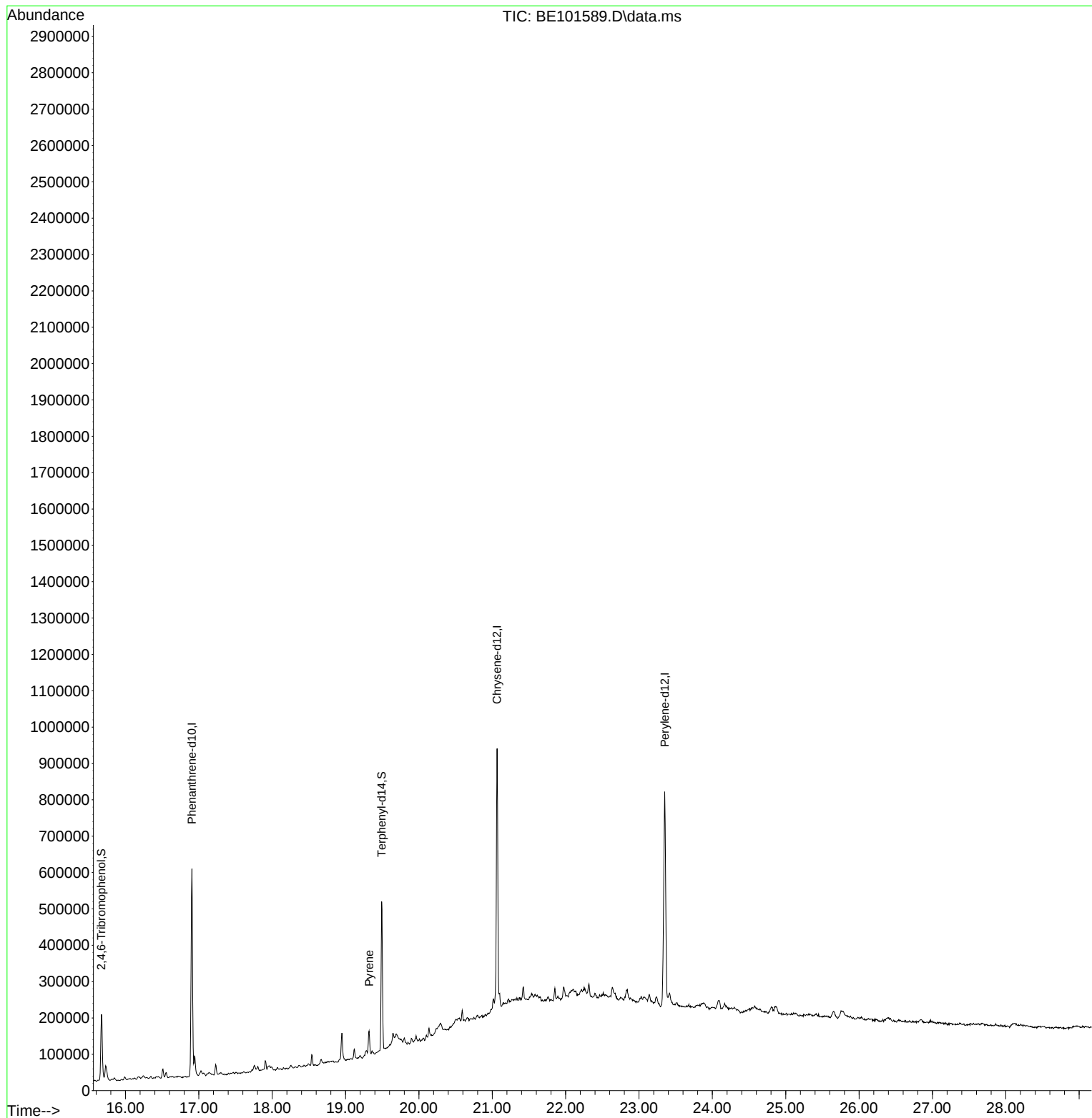
Quant Time: Nov 13 00:19:04 2024
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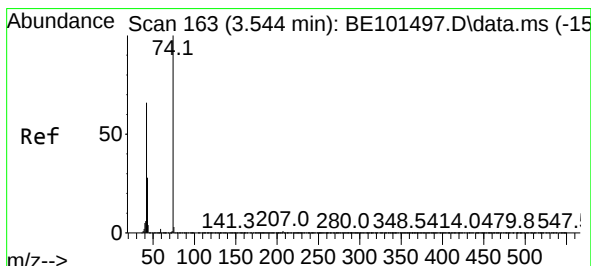
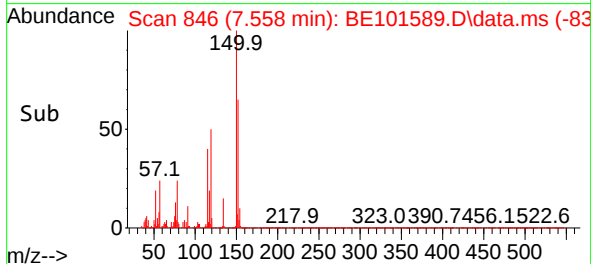
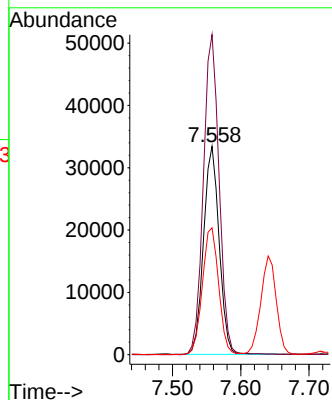
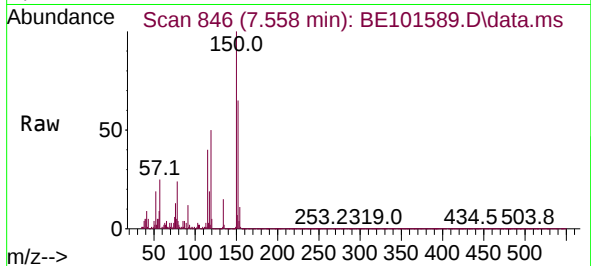




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

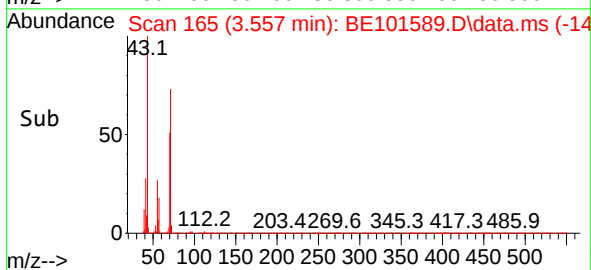
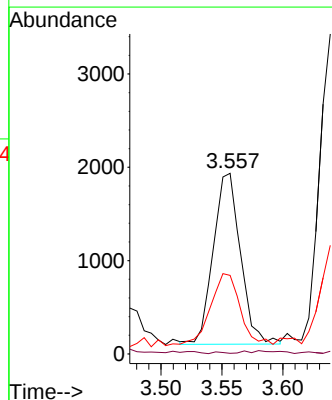
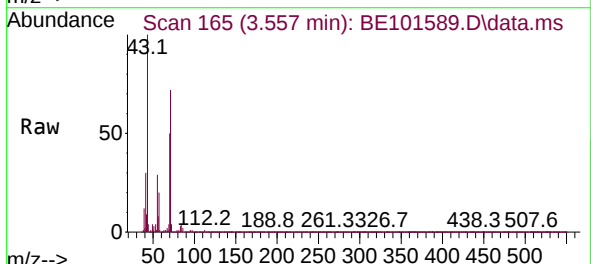
Instrument :
BNA_E
ClientSampleId :
BP-B2DL

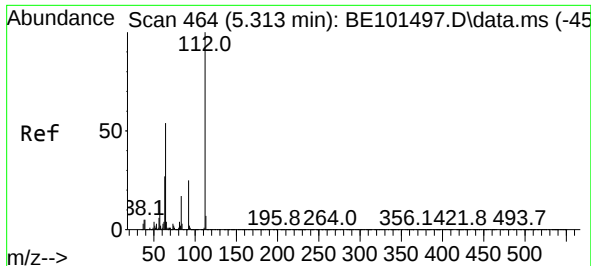
Tgt Ion:152 Resp: 52986
Ion Ratio Lower Upper
152 100
150 153.6 126.3 189.5
115 60.9 45.0 67.4



#4
n-Nitrosodimethylamine
Concen: 2.304 ng
RT: 3.557 min Scan# 165
Delta R.T. 0.012 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion: 42 Resp: 2846
Ion Ratio Lower Upper
42 100
74 0.4 120.1 180.1#
44 43.4 5.8 8.6#

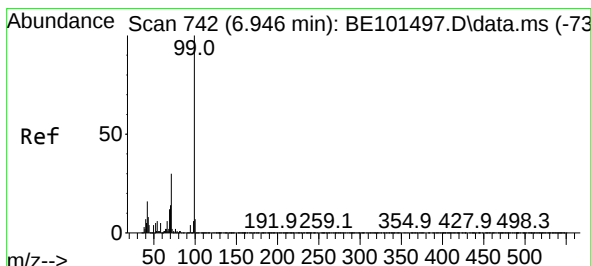
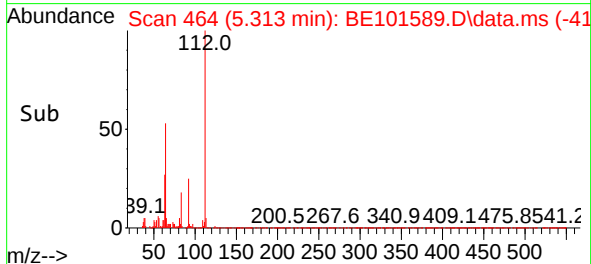
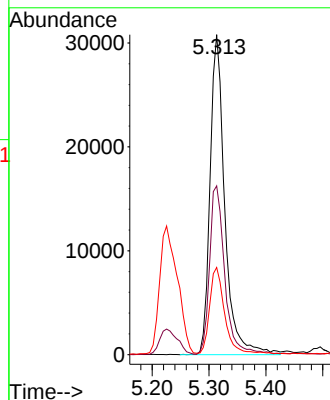
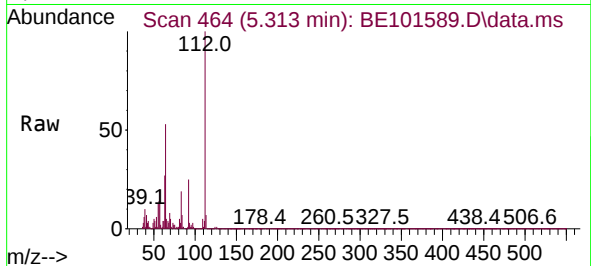




#5
2-Fluorophenol
Concen: 18.390 ng
RT: 5.313 min Scan# 464
Delta R.T. 0.000 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

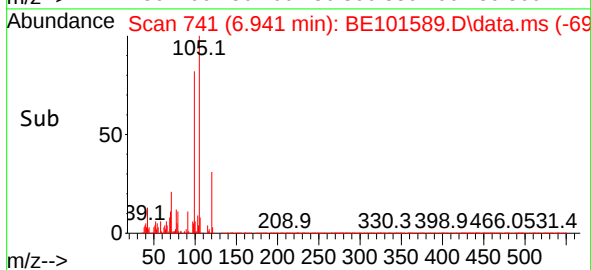
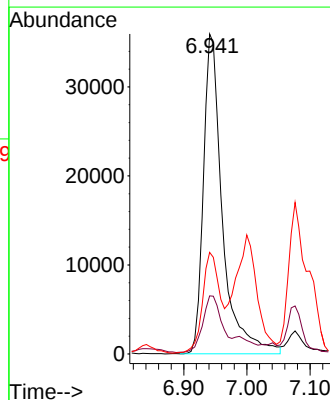
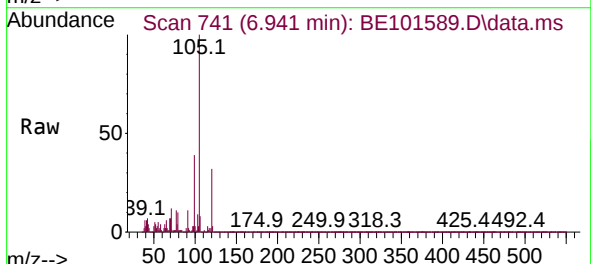
Instrument :
BNA_E
ClientSampleId :
BP-B2DL

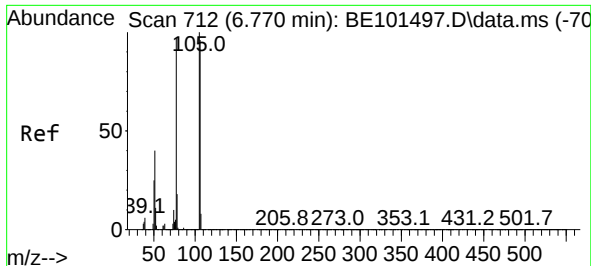
Tgt Ion:	112	Resp:	55109
Ion Ratio	Lower	Upper	
112	100		
64	52.8	43.2	64.8
63	27.2	21.8	32.6



#7
Phenol-d6
Concen: 18.269 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:	99	Resp:	75062
Ion Ratio	Lower	Upper	
99	100		
42	18.1	12.5	18.7
71	31.8	24.2	36.2





#9

Benzaldehyde

Concen: 28.952 ng

RT: 6.753 min Scan# 70

Delta R.T. -0.017 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

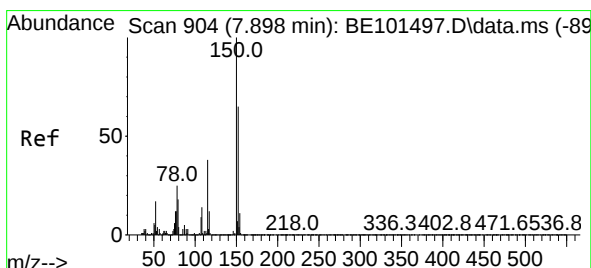
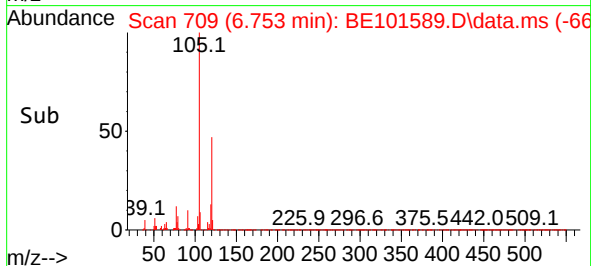
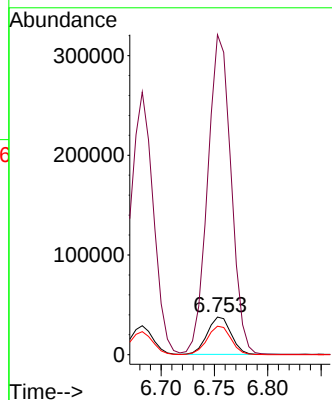
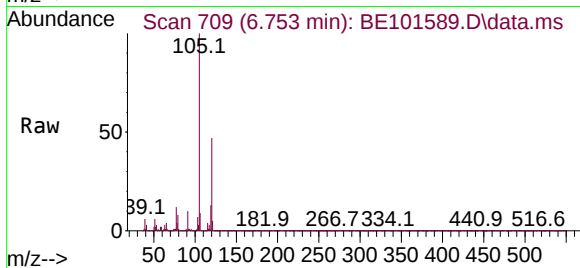
Tgt Ion: 77 Resp: 58186

Ion Ratio Lower Upper

77 100

105 850.2 83.0 123.0#

106 75.8 78.8 118.8#



#15

Benzyl Alcohol

Concen: 3.654 ng

RT: 7.993 min Scan# 920

Delta R.T. 0.094 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

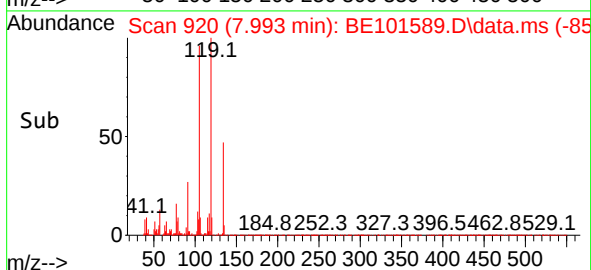
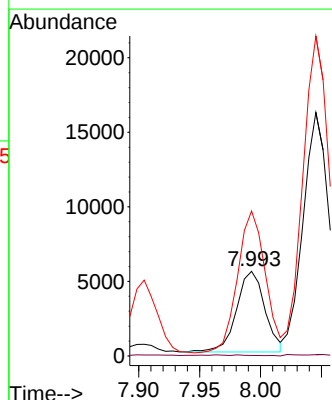
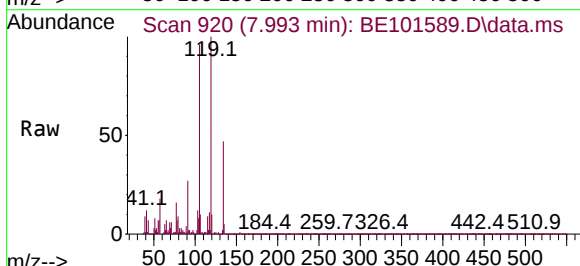
Tgt Ion: 79 Resp: 8770

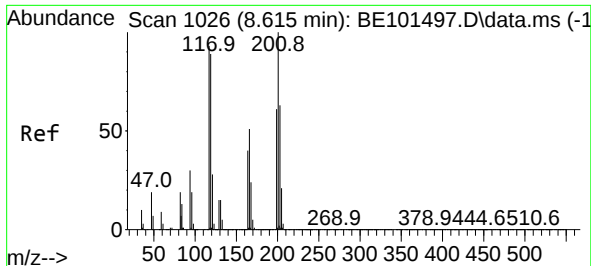
Ion Ratio Lower Upper

79 100

108 0.5 63.8 95.8#

77 171.2 53.4 80.0#





#18

Hexachloroethane

Concen: 69.780 ng

RT: 8.604 min Scan# 1024

Delta R.T. -0.011 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

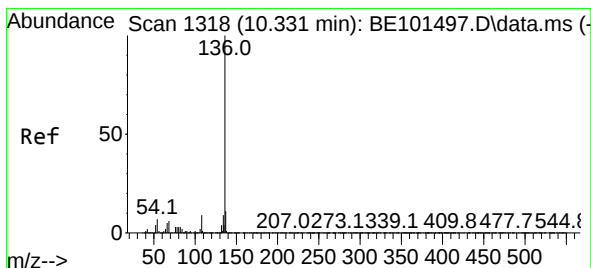
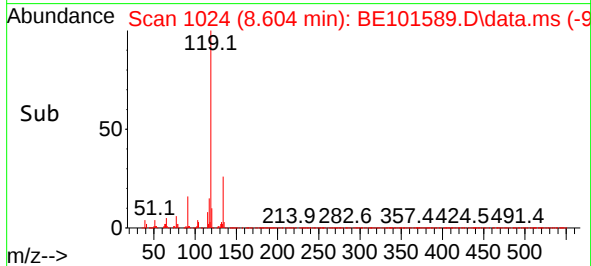
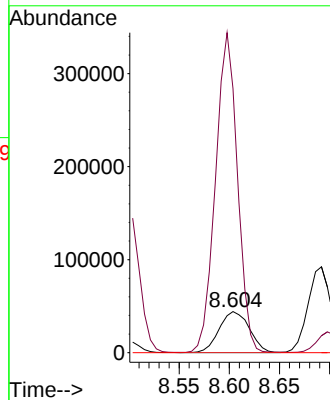
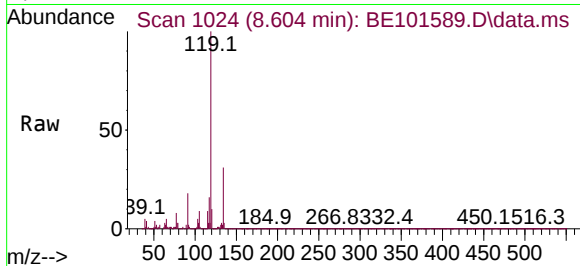
Tgt Ion:117 Resp: 92514

Ion Ratio Lower Upper

117 100

119 641.9 76.6 114.8#

201 0.0 86.1 129.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.325 min Scan# 1317

Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Tgt Ion:136 Resp: 247444

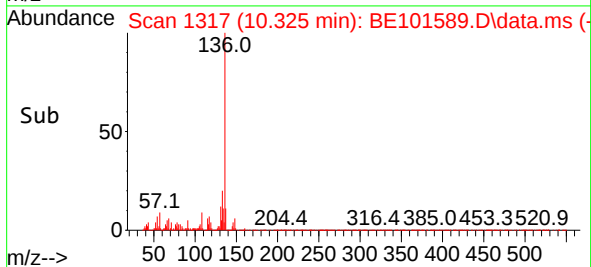
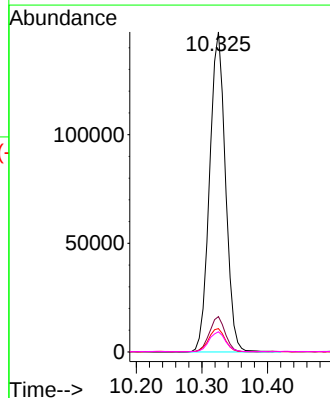
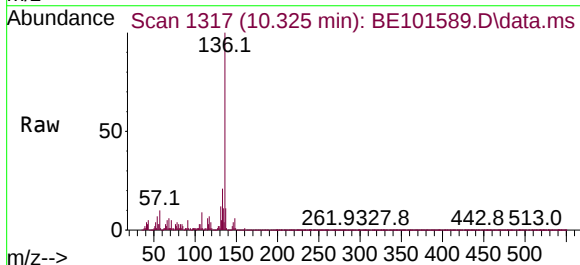
Ion Ratio Lower Upper

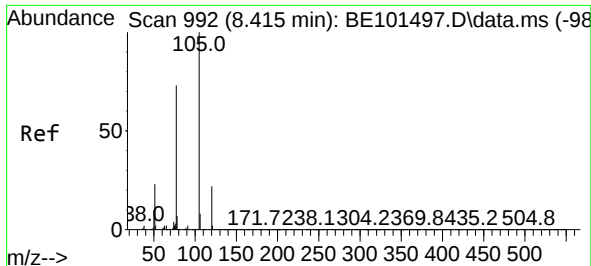
136 100

137 11.1 8.6 13.0

54 7.3 5.6 8.4

68 6.3 4.8 7.2

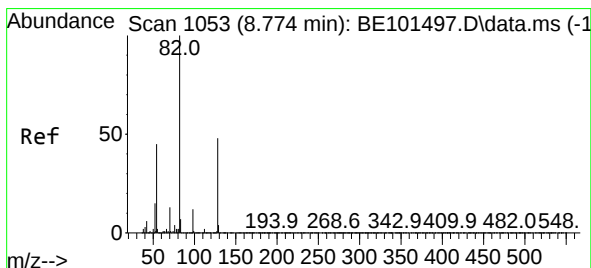
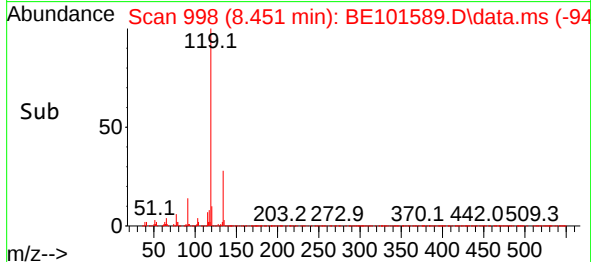
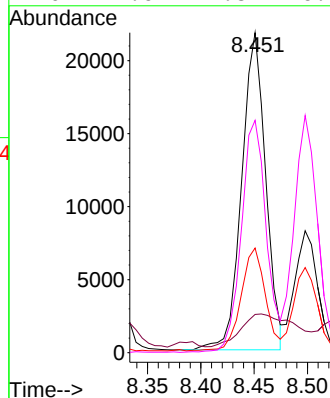
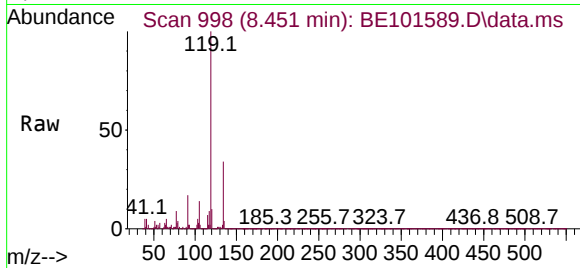




#22
Acetophenone
Concen: 6.066 ng
RT: 8.451 min Scan# 992
Delta R.T. 0.036 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

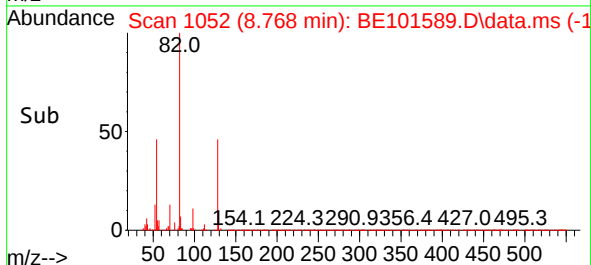
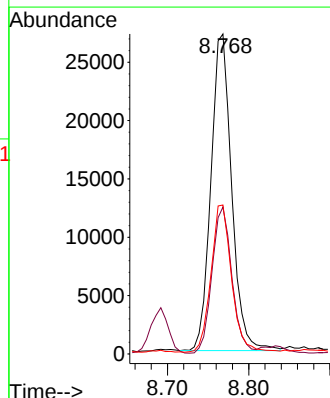
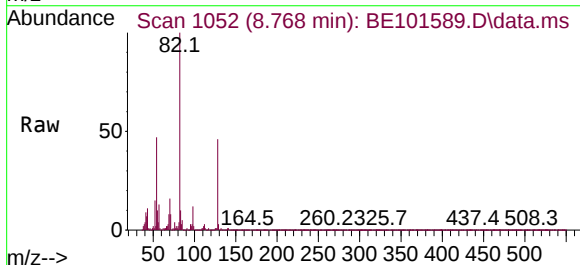
Instrument :
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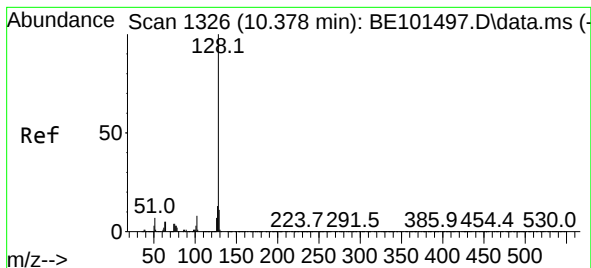
Tgt Ion:105 Resp: 33991
Ion Ratio Lower Upper
105 100
71 12.0 0.1 0.1#
51 32.7 18.7 28.1#
120 72.6 17.8 26.6#



#23
Nitrobenzene-d5
Concen: 12.289 ng
RT: 8.768 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion: 82 Resp: 48142
Ion Ratio Lower Upper
82 100
128 45.9 38.6 58.0
54 46.6 36.3 54.5

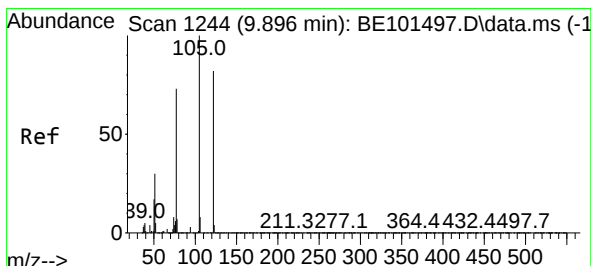
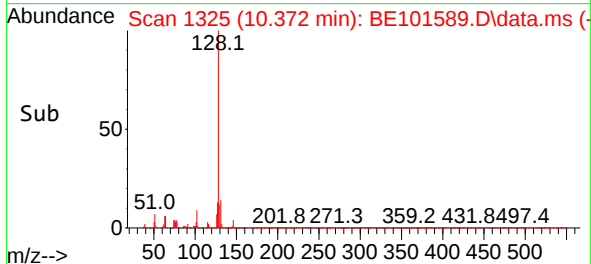
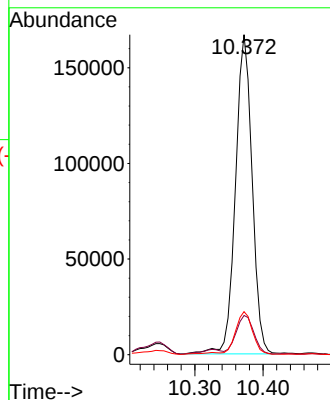
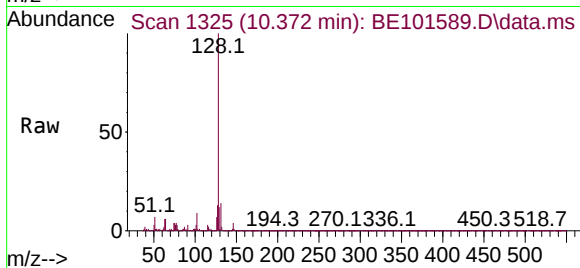




#31
Naphthalene
Concen: 22.690 ng
RT: 10.372 min Scan# 11
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

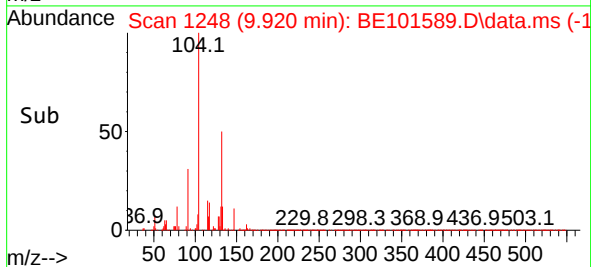
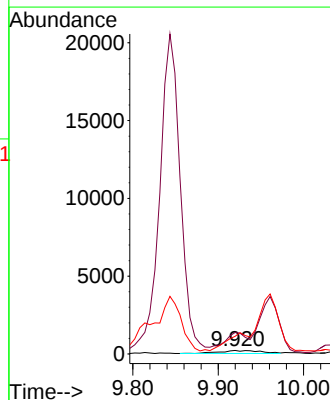
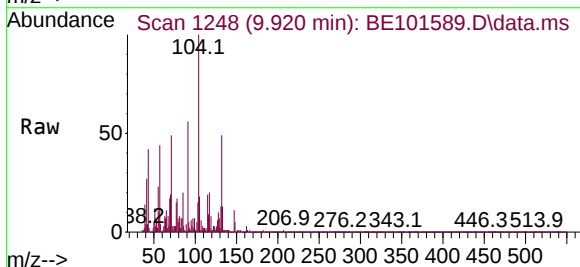
Instrument :
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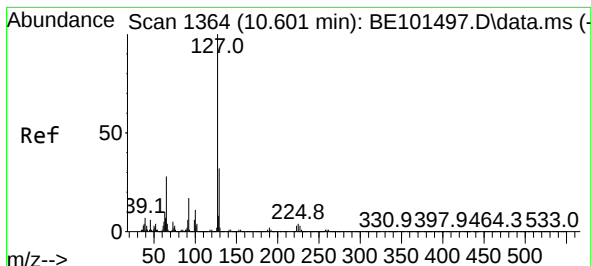
Tgt Ion:128 Resp: 283444
Ion Ratio Lower Upper
128 100
129 12.3 8.9 13.3
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 7.068 ng
RT: 9.920 min Scan# 1248
Delta R.T. 0.024 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:122 Resp: 639
Ion Ratio Lower Upper
122 100
105 616.5 100.6 140.6#
77 507.1 68.6 108.6#





#33

4-Chloroaniline

Concen: 8.633 ng

RT: 10.372 min Scan# 11

Delta R.T. -0.229 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

Tgt Ion:127 Resp: 37922

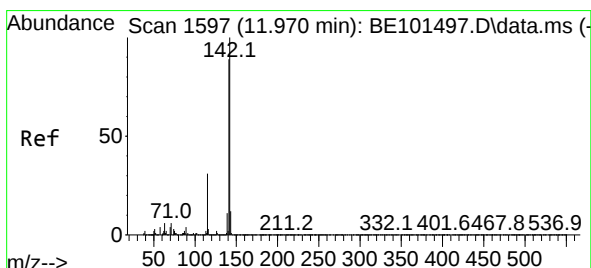
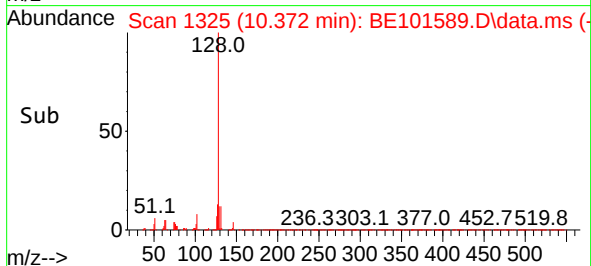
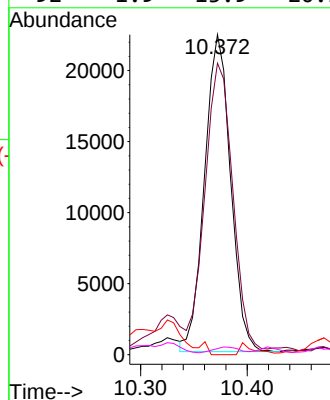
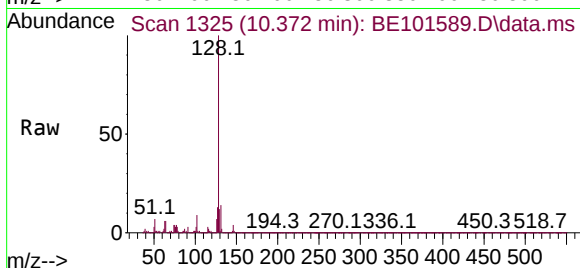
Ion Ratio Lower Upper

127 100

129 91.1 25.8 38.8#

65 0.0 22.6 33.8#

92 1.9 13.9 20.9#



#37

2-Methylnaphthalene

Concen: 18.494 ng

RT: 11.964 min Scan# 1596

Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

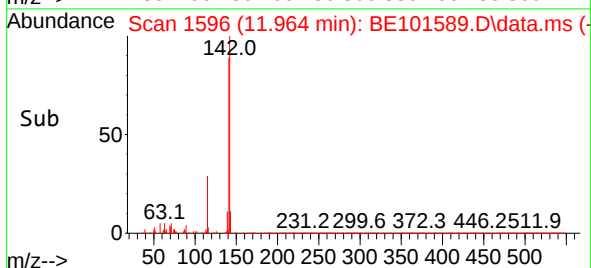
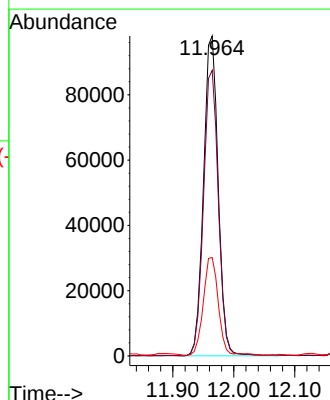
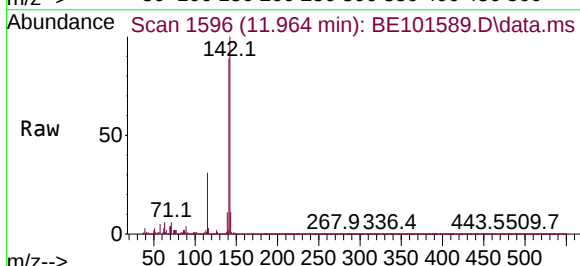
Tgt Ion:142 Resp: 164094

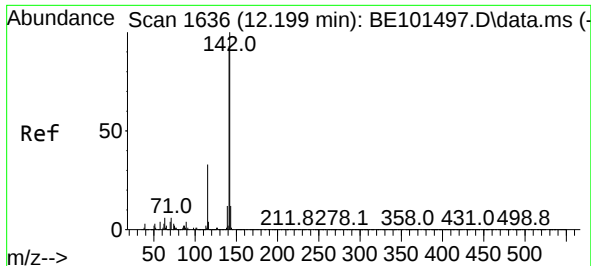
Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

115 30.8 25.0 37.4

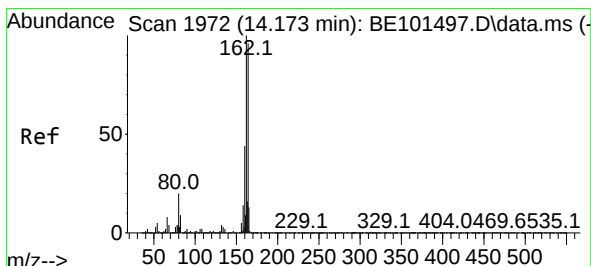
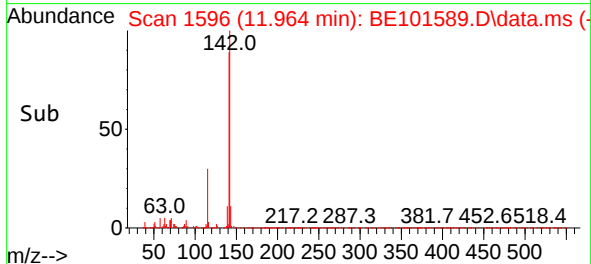
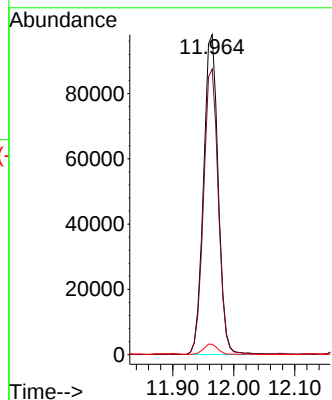
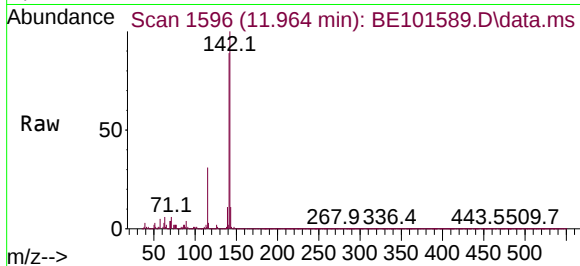




#38
1-Methylnaphthalene
Concen: 18.545 ng
RT: 11.964 min Scan# 11
Delta R.T. -0.235 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

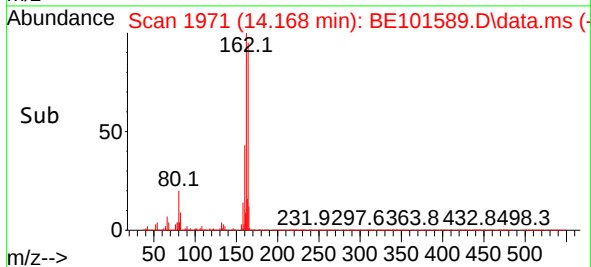
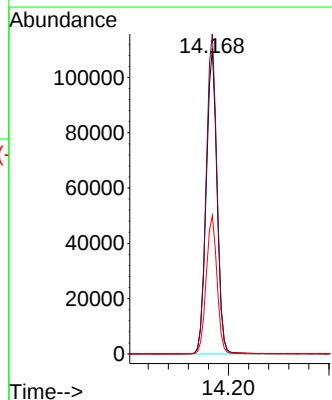
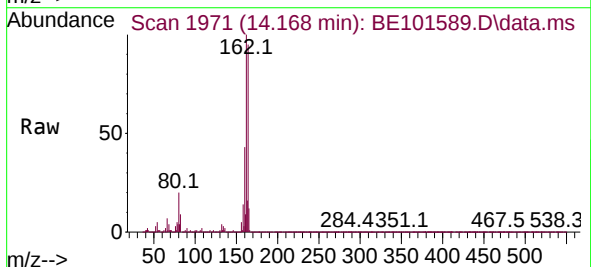
Instrument :
BNA_E
ClientSampleId :
BP-B2DL

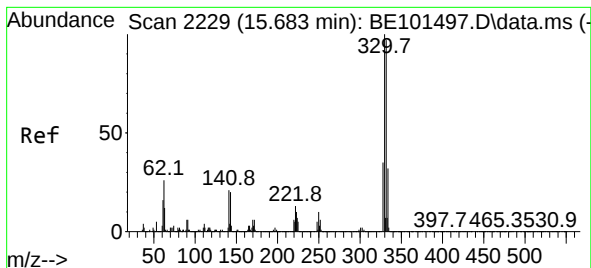
Tgt Ion:142 Resp: 164094
Ion Ratio Lower Upper
142 100
141 89.3 74.7 112.1
116 3.3 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:164 Resp: 164286
Ion Ratio Lower Upper
164 100
162 104.8 83.7 125.5
160 45.3 37.1 55.7

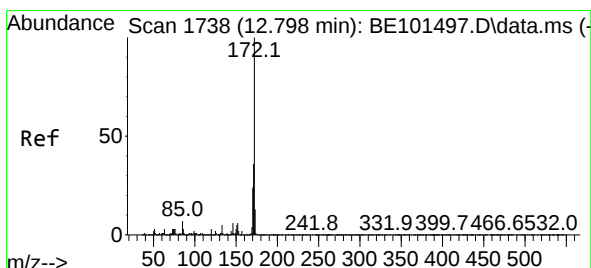
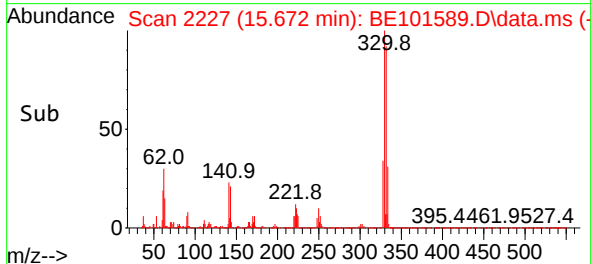
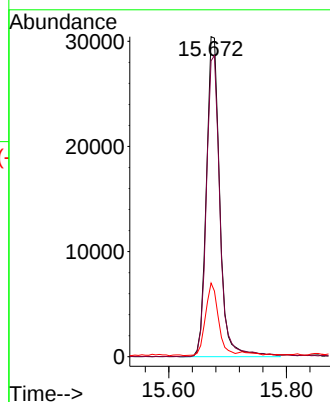
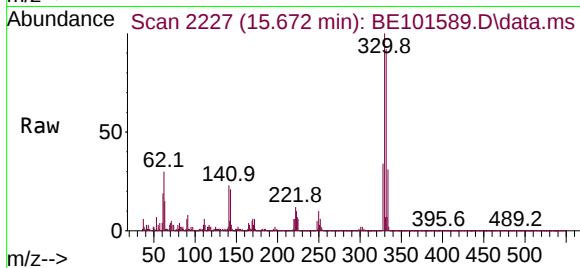




#42
 2,4,6-Tribromophenol
 Concen: 15.557 ng
 RT: 15.672 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BE101589.D
 Acq: 12 Nov 2024 23:25

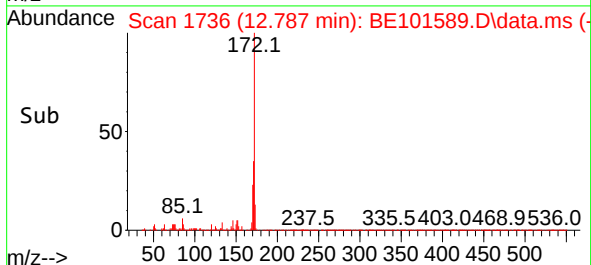
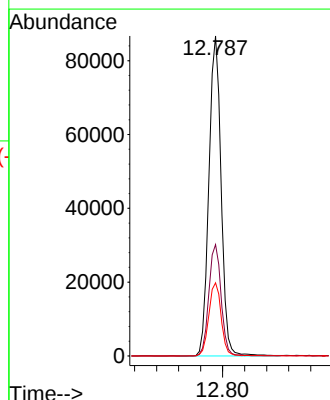
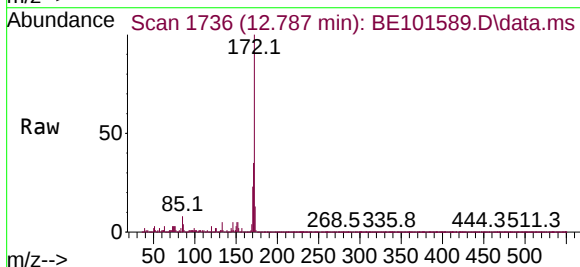
Instrument :
 BNA_E
 ClientSampleId :
 BP-B2DL

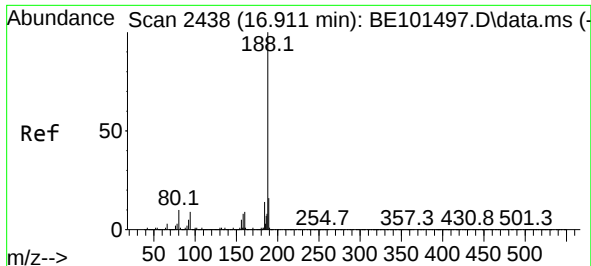
Tgt Ion:330 Resp: 48092
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.7 116.5
 141 21.5 17.0 25.4



#45
 2-Fluorobiphenyl
 Concen: 13.243 ng
 RT: 12.787 min Scan# 1736
 Delta R.T. -0.011 min
 Lab File: BE101589.D
 Acq: 12 Nov 2024 23:25

Tgt Ion:172 Resp: 133246
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 22.8 18.9 28.3

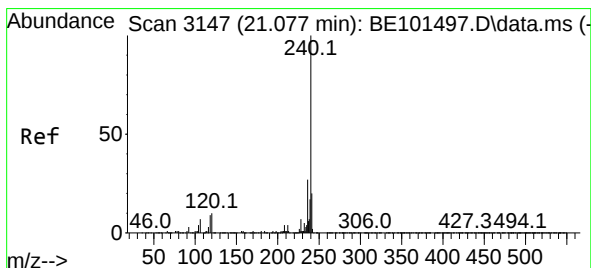
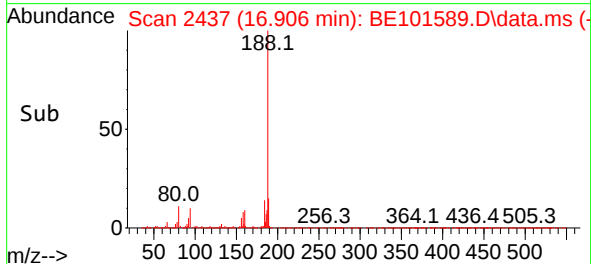
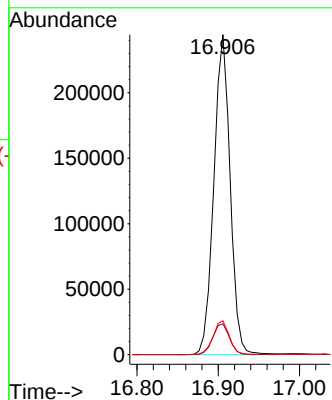
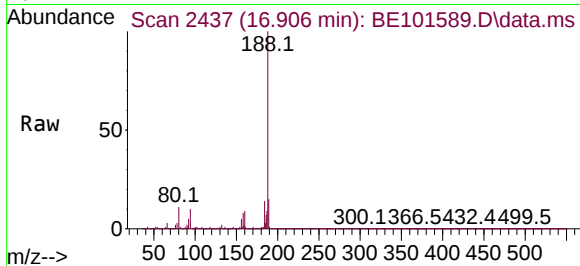




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

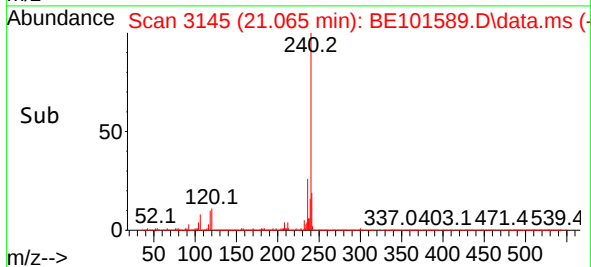
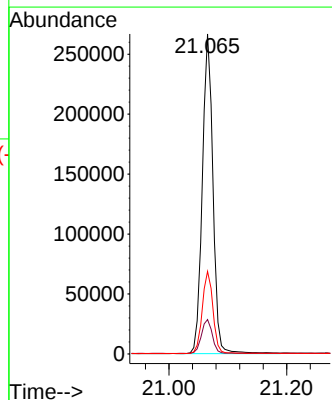
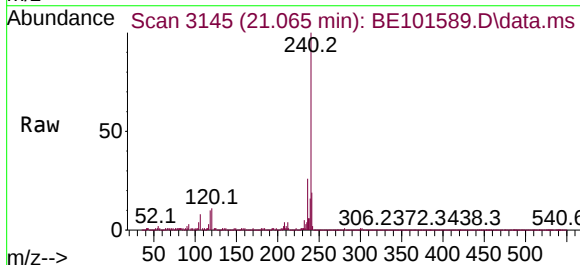
Instrument :
BNA_E
ClientSampleId :
BP-B2DL

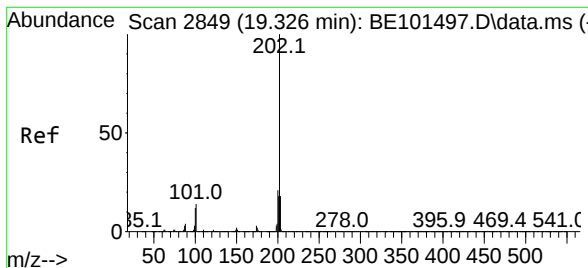
Tgt Ion:188 Resp: 339948
Ion Ratio Lower Upper
188 100
94 9.6 7.4 11.2
80 10.6 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101589.D
Acq: 12 Nov 2024 23:25

Tgt Ion:240 Resp: 335442
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.4
236 25.8 21.4 32.2





#78

Pyrene

Concen: 2.223 ng

RT: 19.320 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

Instrument :

BNA_E

ClientSampleId :

BP-B2DL

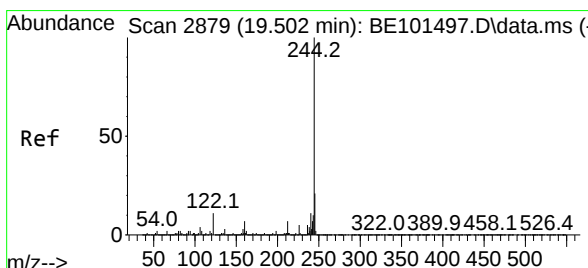
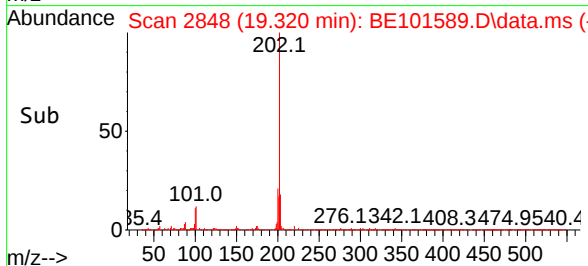
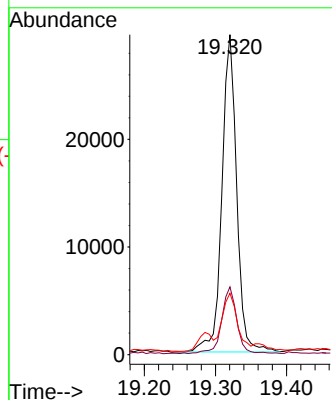
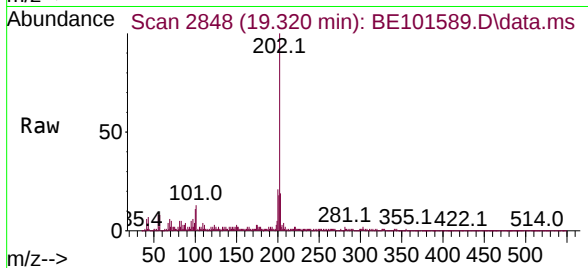
Tgt Ion:202 Resp: 42429

Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 19.2 14.2 21.4



#79

Terphenyl-d14

Concen: 14.401 ng

RT: 19.491 min Scan# 2877

Delta R.T. -0.011 min

Lab File: BE101589.D

Acq: 12 Nov 2024 23:25

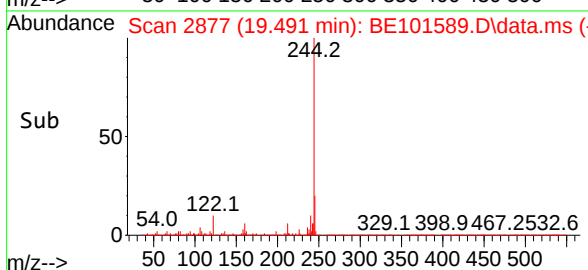
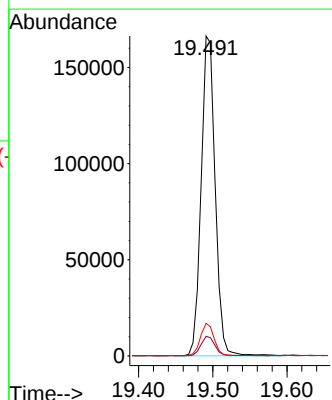
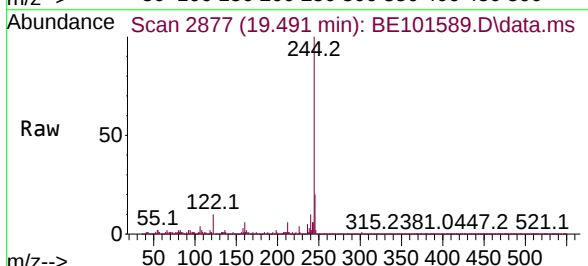
Tgt Ion:244 Resp: 218237

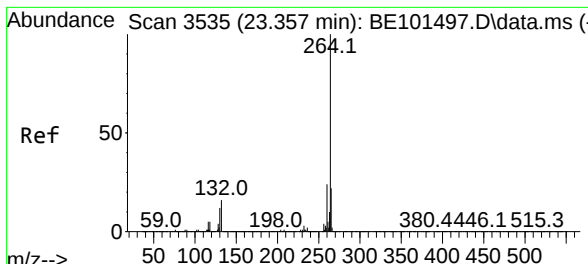
Ion Ratio Lower Upper

244 100

212 6.1 5.8 8.8

122 10.2 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BE101589.D
 Acq: 12 Nov 2024 23:25

Instrument :
 BNA_E
 ClientSampleId :
 BP-B2DL

Tgt Ion:264 Resp: 433450

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.4	26.2

