

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101513.D
 Acq On : 7 Nov 2024 1:50
 Operator : RC/JU
 Sample : P4679-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-1

Quant Time: Nov 07 01:54:36 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)

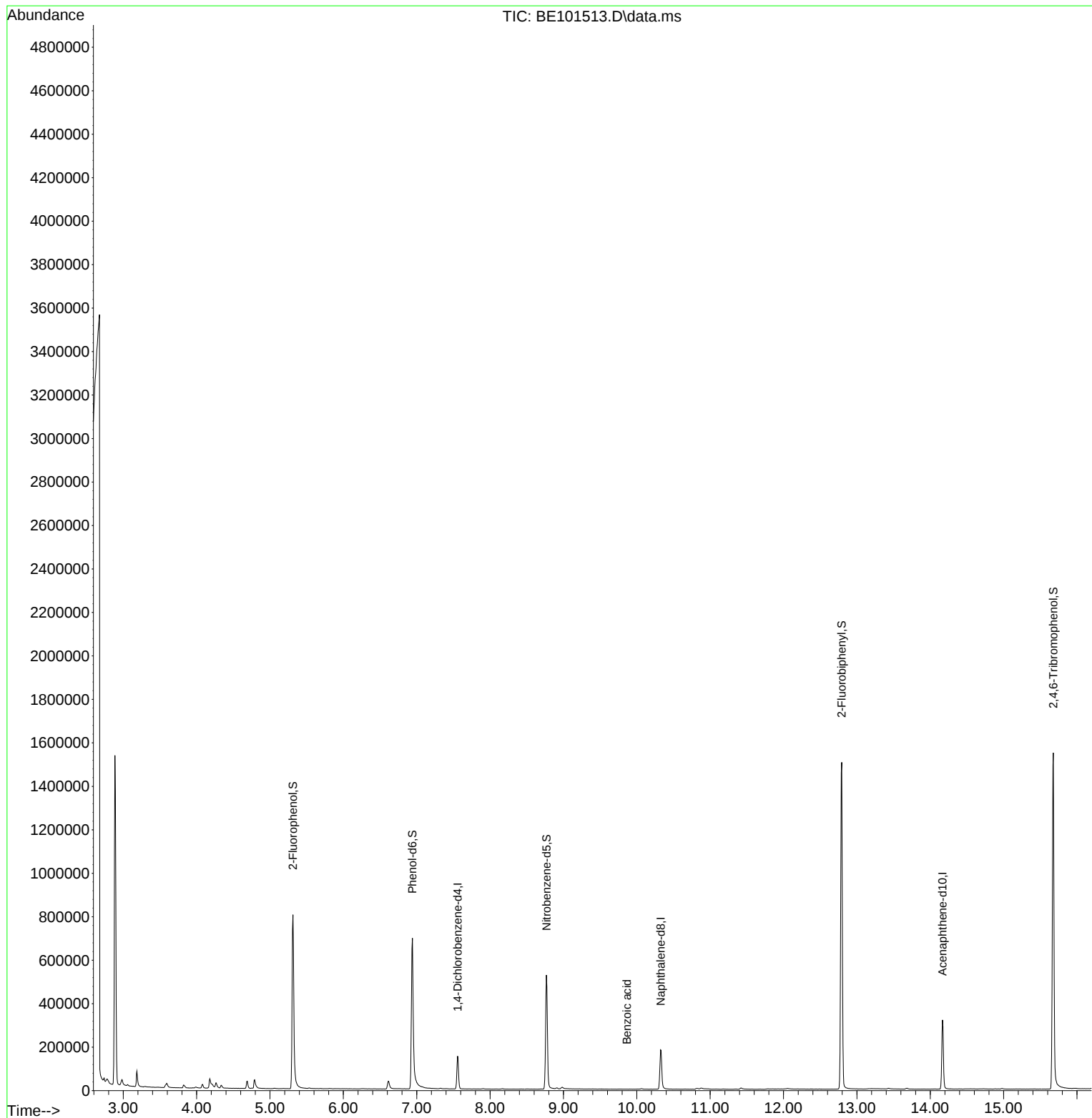
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	42077	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	174412	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	115739	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	309271	20.000	ng	0.00
76) Chrysene-d12	21.065	240	393957	20.000	ng	-0.01
86) Perylene-d12	23.345	264	216590	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	419065	176.101	ng	0.00
7) Phenol-d6	6.941	99	505630	154.971	ng	0.00
23) Nitrobenzene-d5	8.768	82	316883	114.762	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	414457	190.305	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	843290	118.968	ng	0.00
79) Terphenyl-d14	19.502	244	2133492	119.876	ng	0.00
Target Compounds						
32) Benzoic acid	9.867	122	17	6.843	ng	Qvalue 94

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

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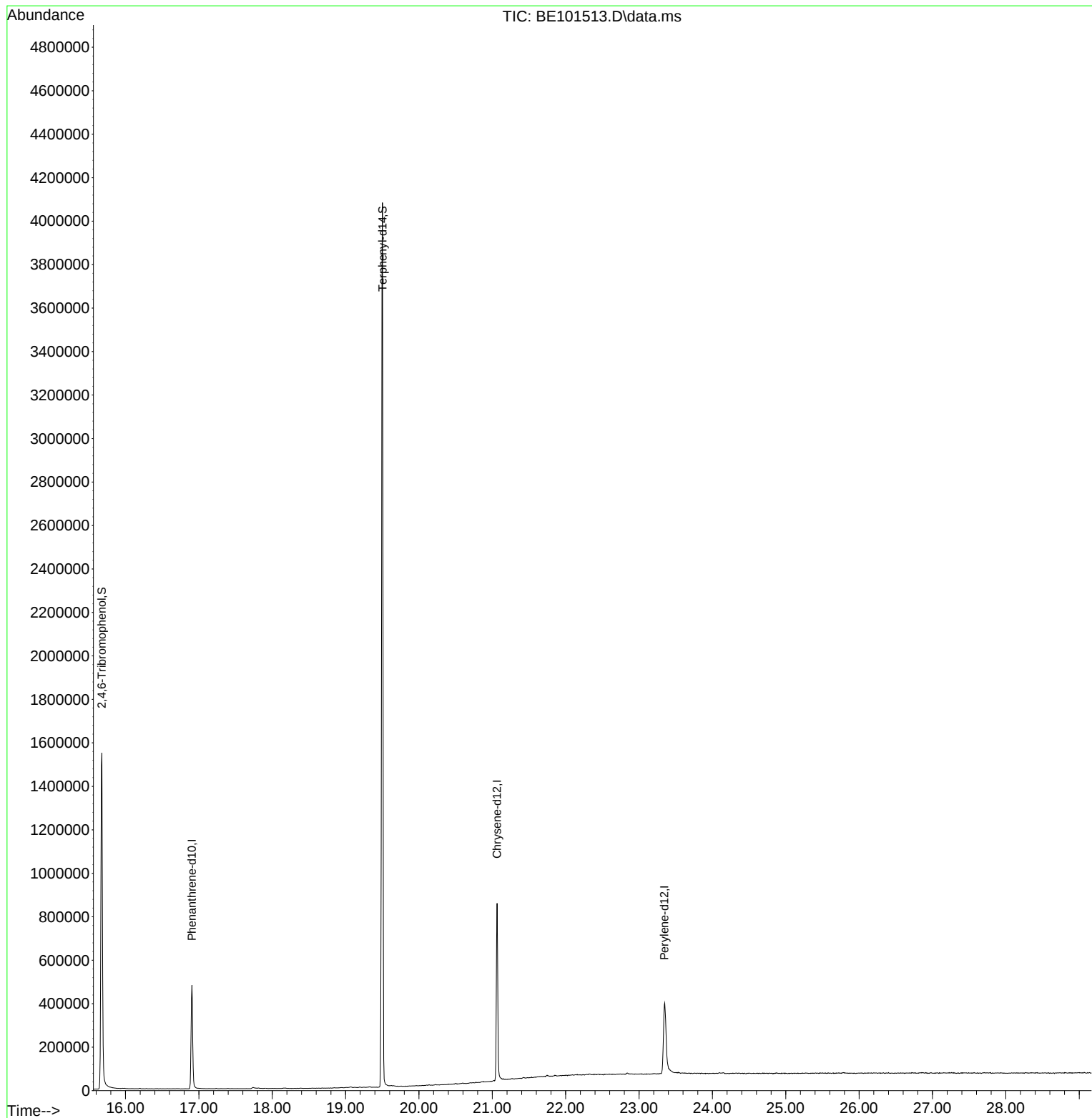
Quant Time: Nov 07 01:54:36 2024
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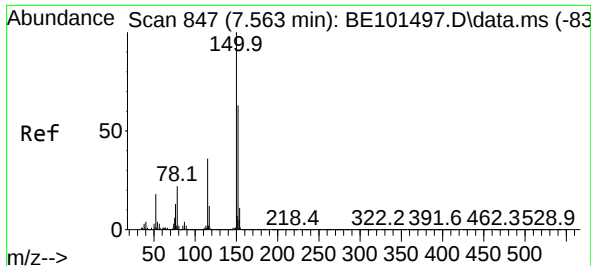


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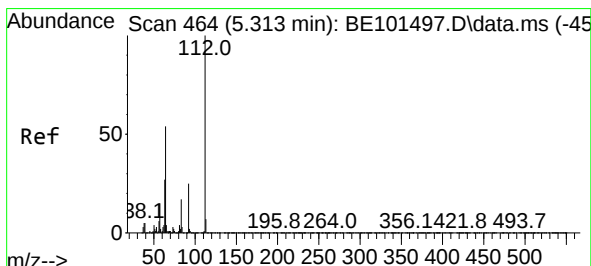
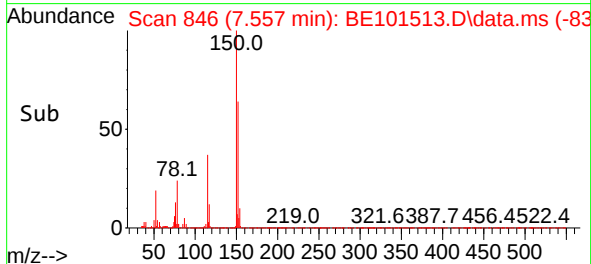
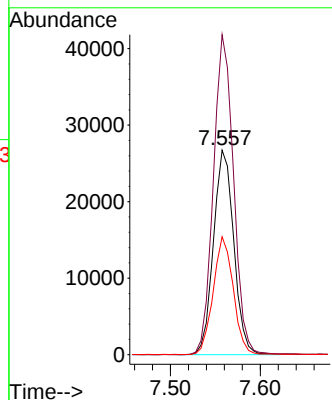
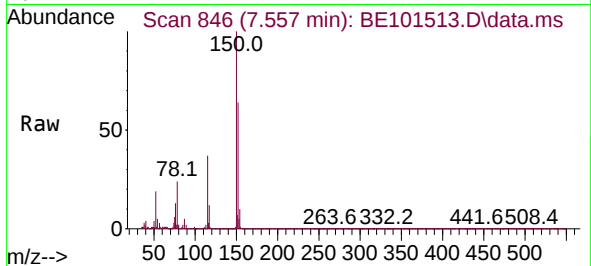




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 847
Delta R.T. -0.006 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

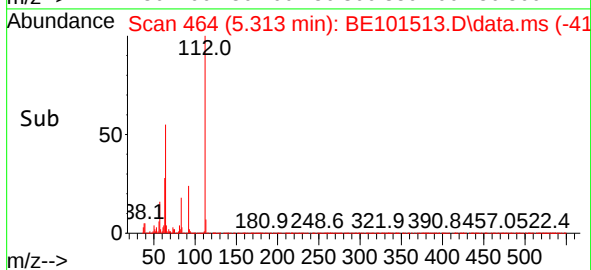
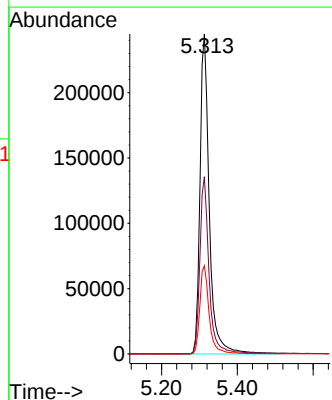
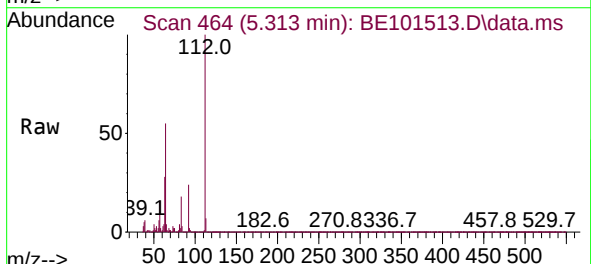
Instrument :
BNA_E
ClientSampleId :
MH-1

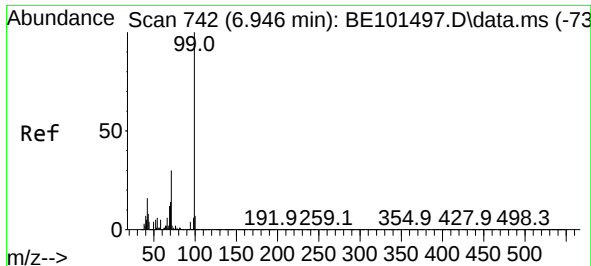
Tgt Ion:152 Resp: 42077
Ion Ratio Lower Upper
152 100
150 156.5 126.3 189.5
115 57.7 45.0 67.4



#5
2-Fluorophenol
Concen: 176.101 ng
RT: 5.313 min Scan# 464
Delta R.T. 0.000 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

Tgt Ion:112 Resp: 419065
Ion Ratio Lower Upper
112 100
64 55.4 43.2 64.8
63 27.5 21.8 32.6

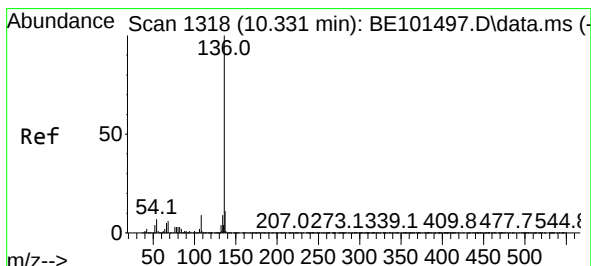
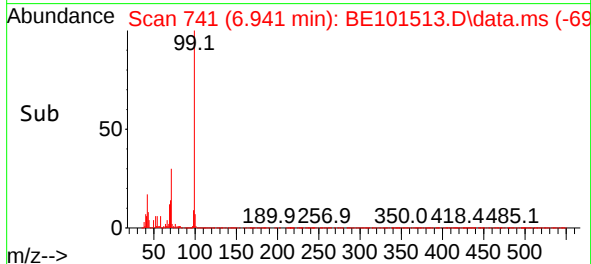
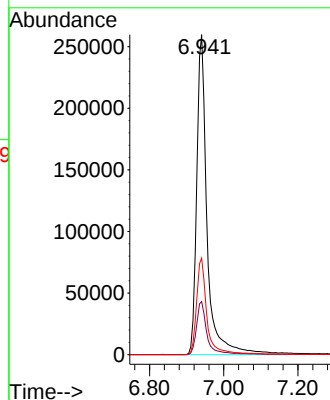
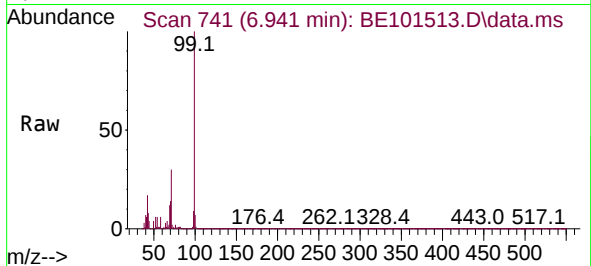




#7
Phenol-d6
Concen: 154.971 ng
RT: 6.941 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

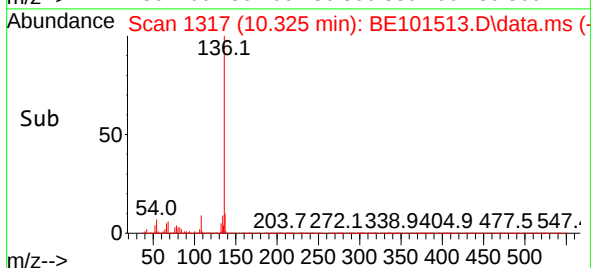
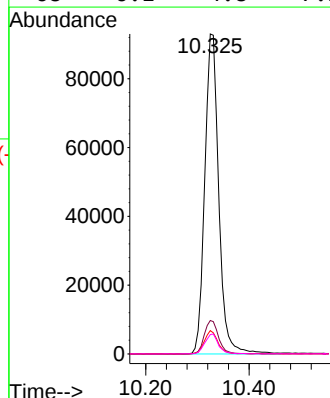
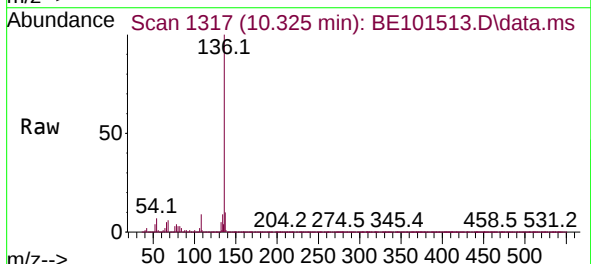
Instrument :
BNA_E
ClientSampleId :
MH-1

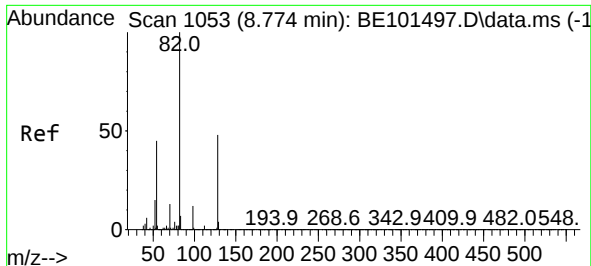
Tgt Ion: 99 Resp: 505630
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 30.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

Tgt Ion: 136 Resp: 174412
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.3 5.6 8.4
68 6.1 4.8 7.2

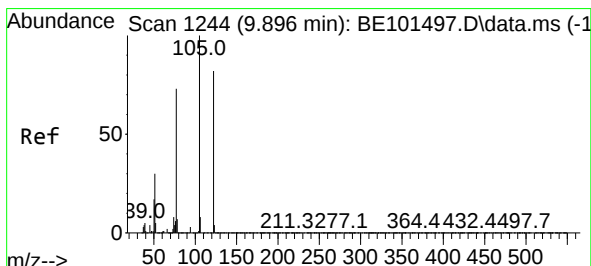
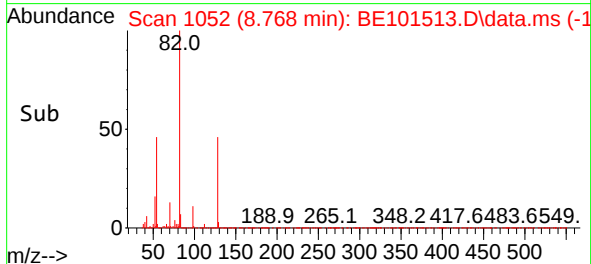
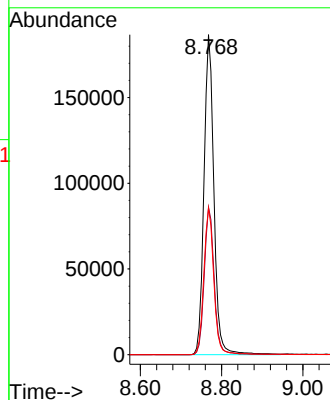
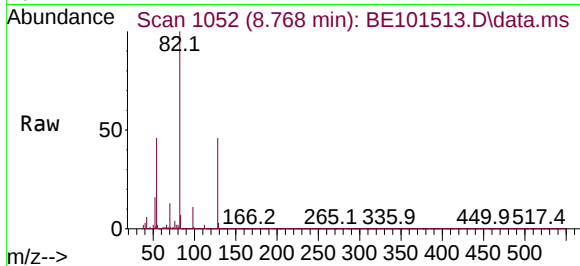




#23
Nitrobenzene-d5
Concen: 114.762 ng
RT: 8.768 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

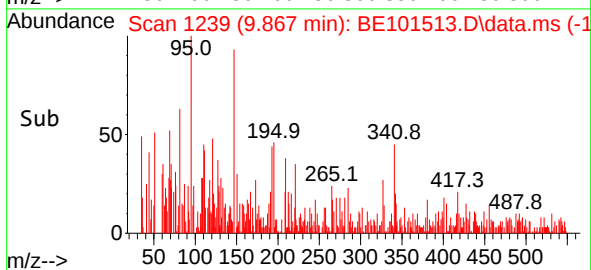
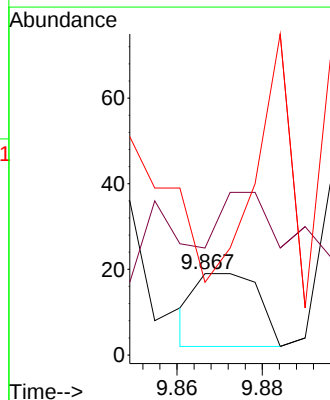
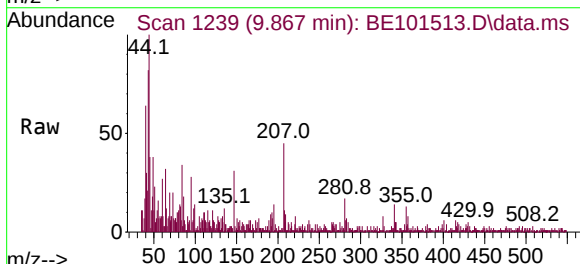
Instrument :
BNA_E
ClientSampleId :
MH-1

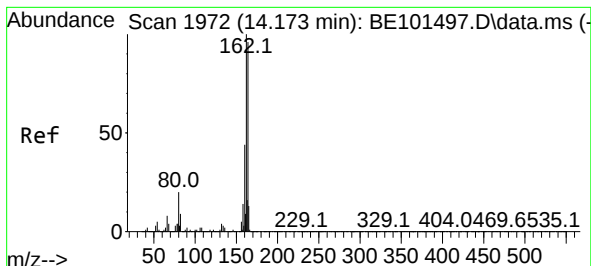
Tgt Ion: 82 Resp: 316883
Ion Ratio Lower Upper
82 100
128 46.1 38.6 58.0
54 45.8 36.3 54.5



#32
Benzoic acid
Concen: 6.843 ng
RT: 9.867 min Scan# 1239
Delta R.T. -0.029 min
Lab File: BE101513.D
Acq: 7 Nov 2024 1:50

Tgt Ion: 122 Resp: 17
Ion Ratio Lower Upper
122 100
105 131.6 100.6 140.6
77 89.5 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.167 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

Instrument :

BNA_E

ClientSampleId :

MH-1

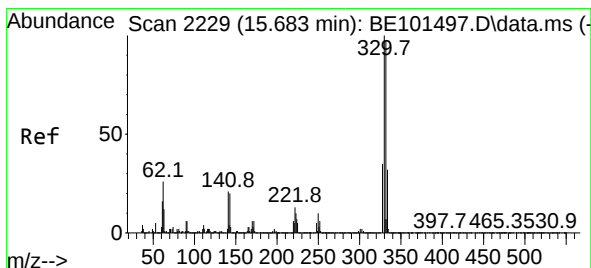
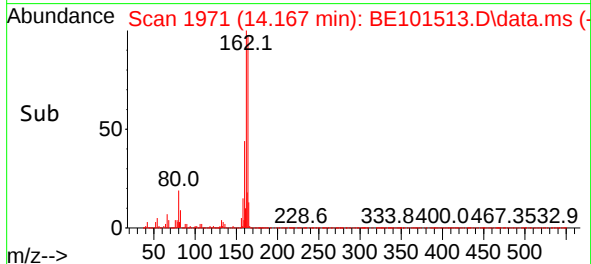
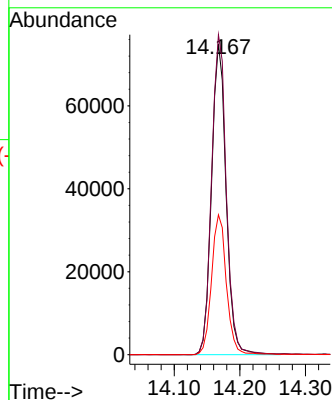
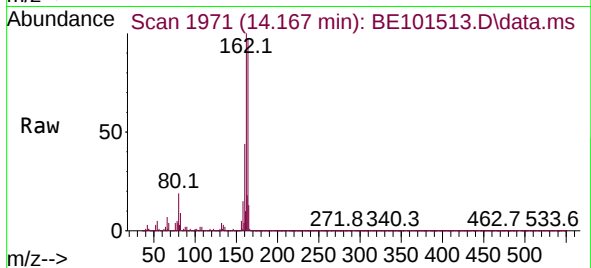
Tgt Ion:164 Resp: 115739

Ion Ratio Lower Upper

164 100

162 103.0 83.7 125.5

160 45.0 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 190.305 ng

RT: 15.677 min Scan# 2228

Delta R.T. -0.006 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

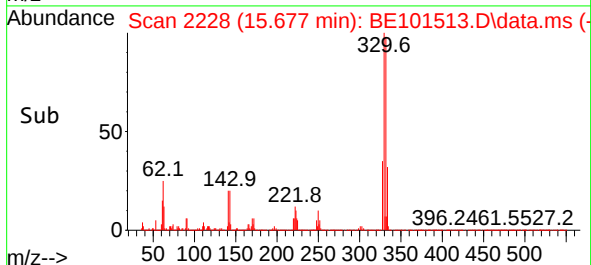
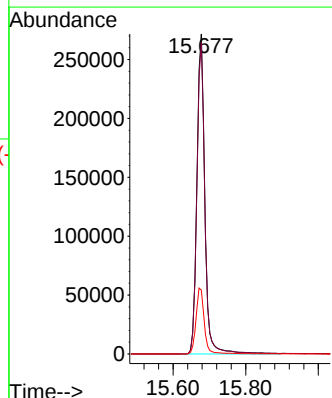
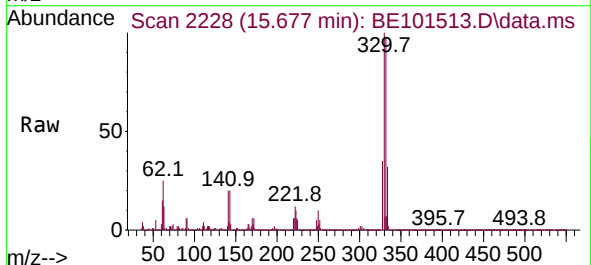
Tgt Ion:330 Resp: 414457

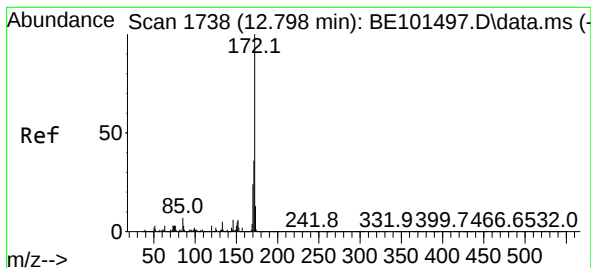
Ion Ratio Lower Upper

330 100

332 97.6 77.7 116.5

141 21.4 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 118.968 ng

RT: 12.793 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

Instrument :

BNA_E

ClientSampleId :

MH-1

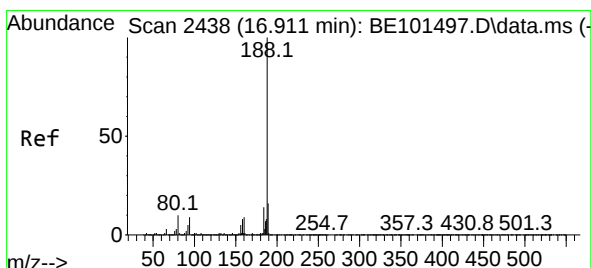
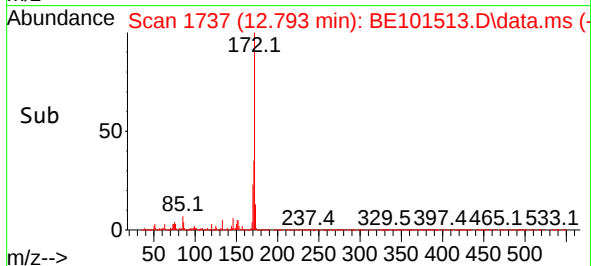
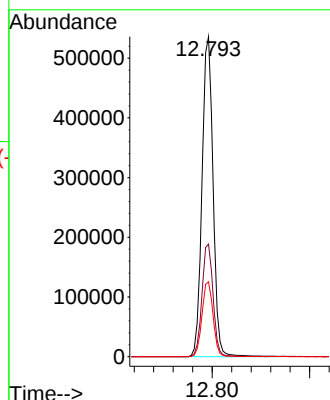
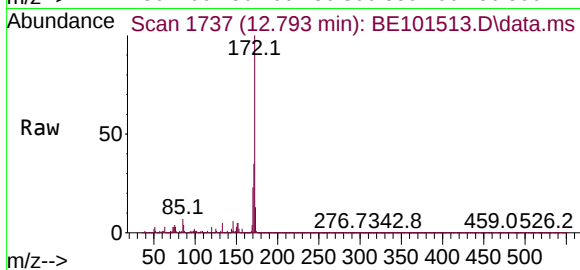
Tgt Ion:172 Resp: 843290

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 23.4 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.905 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

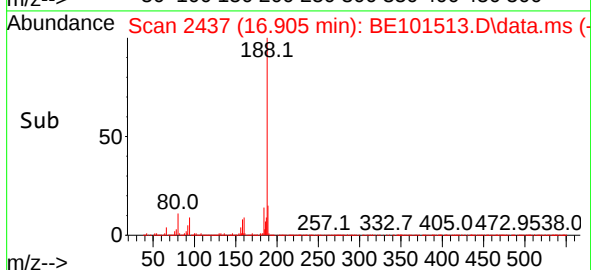
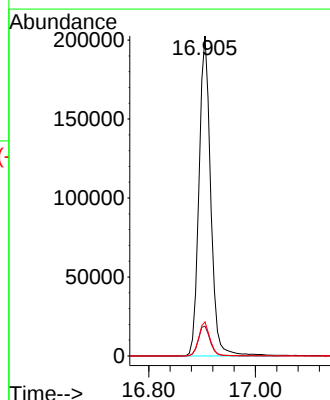
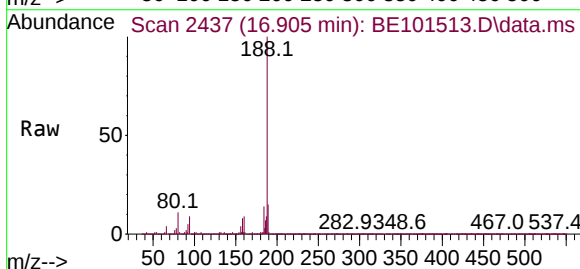
Tgt Ion:188 Resp: 309271

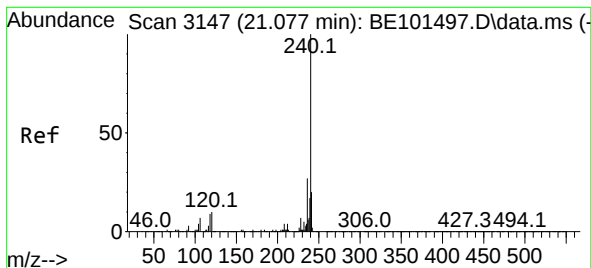
Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.7 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.065 min Scan# 3145

Delta R.T. -0.012 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

Instrument :

BNA_E

ClientSampleId :

MH-1

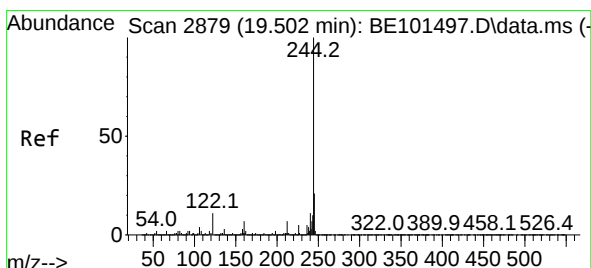
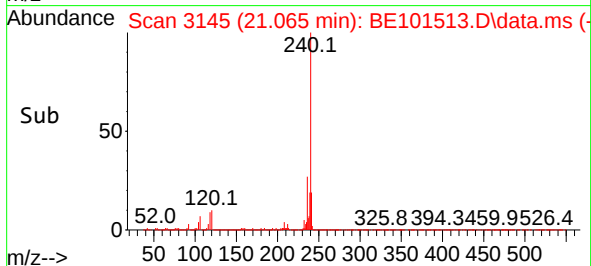
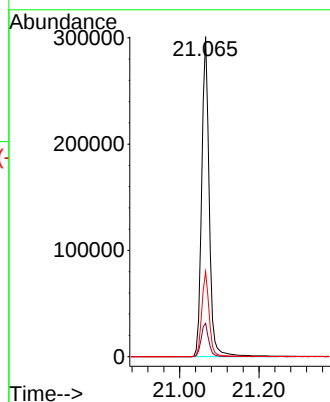
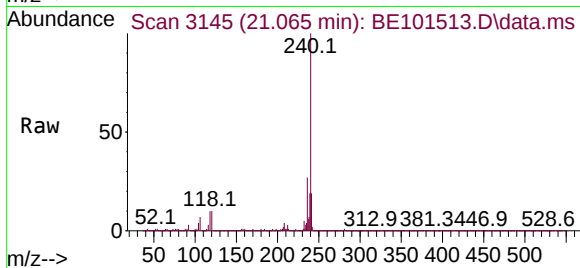
Tgt Ion:240 Resp: 393957

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.4

236 26.6 21.4 32.2



#79

Terphenyl-d14

Concen: 119.876 ng

RT: 19.502 min Scan# 2879

Delta R.T. 0.000 min

Lab File: BE101513.D

Acq: 7 Nov 2024 1:50

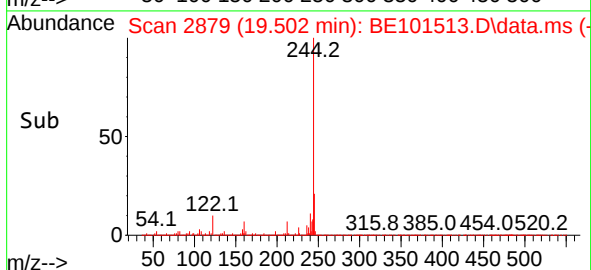
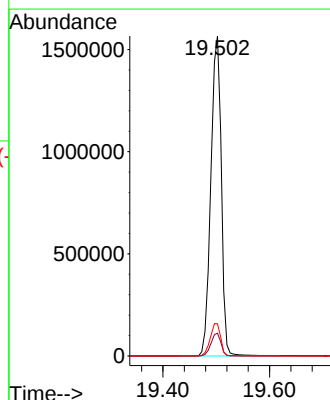
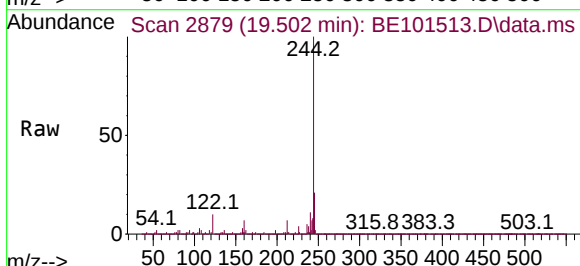
Tgt Ion:244 Resp: 2133492

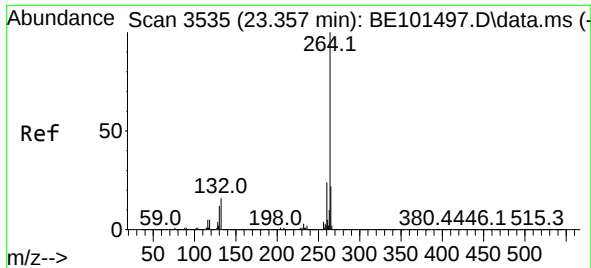
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.345 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BE101513.D
 Acq: 7 Nov 2024 1:50

Instrument :
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Tgt Ion:264 Resp: 216590
 Ion Ratio Lower Upper
 264 100
 260 28.6 19.4 29.2
 265 21.9 17.4 26.2

