

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101562.D
Acq On : 8 Nov 2024 21:06
Operator : RC/JU
Sample : P4722-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

Quant Time: Nov 08 23:50:08 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	7.559	152	43597	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	181077	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	121098	20.000	ng	-0.01
64) Phenanthrene-d10	16.901	188	293866	20.000	ng	-0.01
76) Chrysene-d12	21.067	240	362629	20.000	ng	-0.01
86) Perylene-d12	23.346	264	463143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.309	112	325298	131.932	ng	0.00
7) Phenol-d6	6.936	99	362532	107.239	ng	-0.01
23) Nitrobenzene-d5	8.763	82	276209	96.350	ng	-0.01
42) 2,4,6-Tribromophenol	15.673	330	352080	154.509	ng	-0.01
45) 2-Fluorobiphenyl	12.788	172	700448	94.444	ng	-0.01
79) Terphenyl-d14	19.498	244	1816656	110.892	ng	0.00

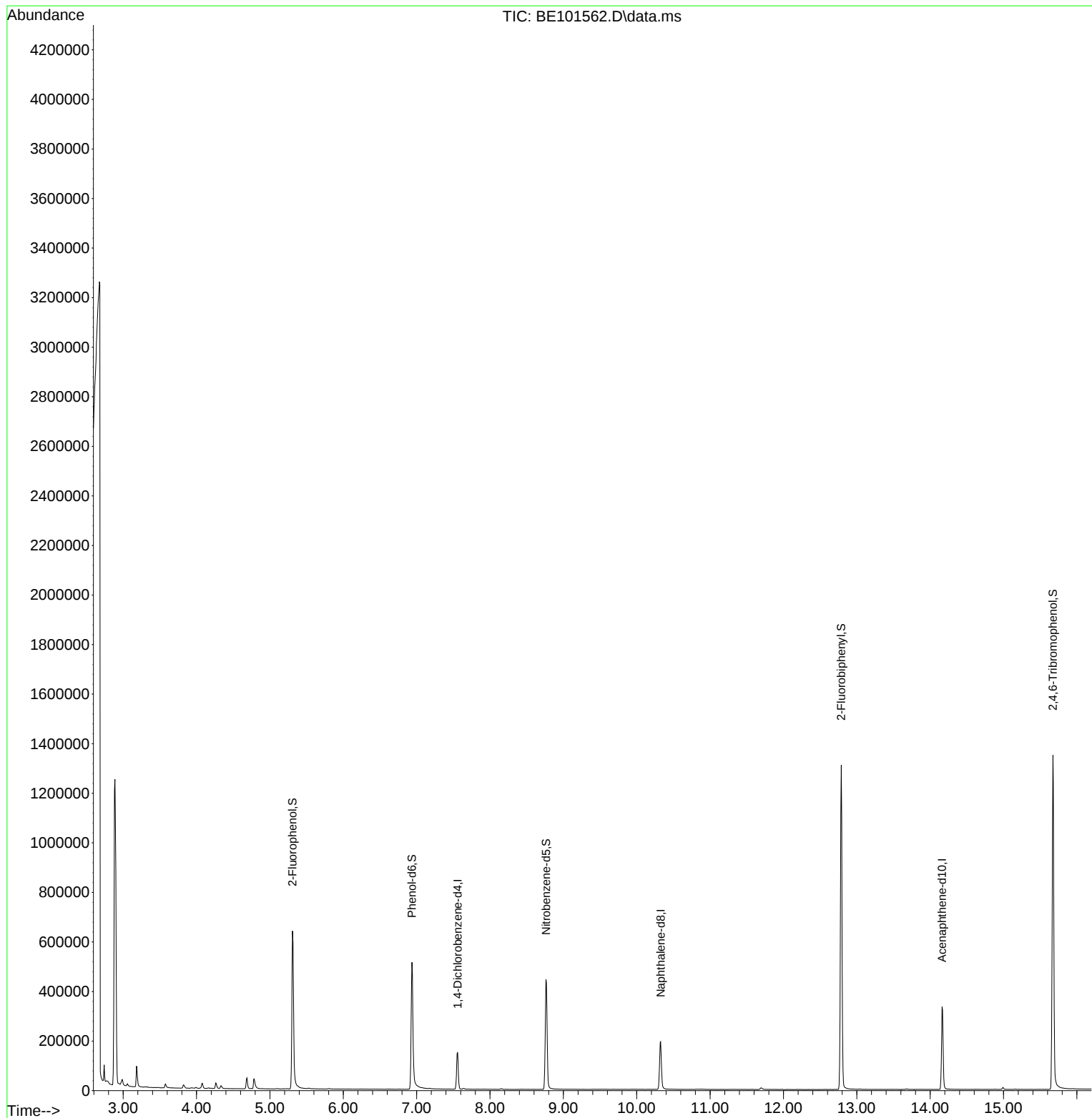
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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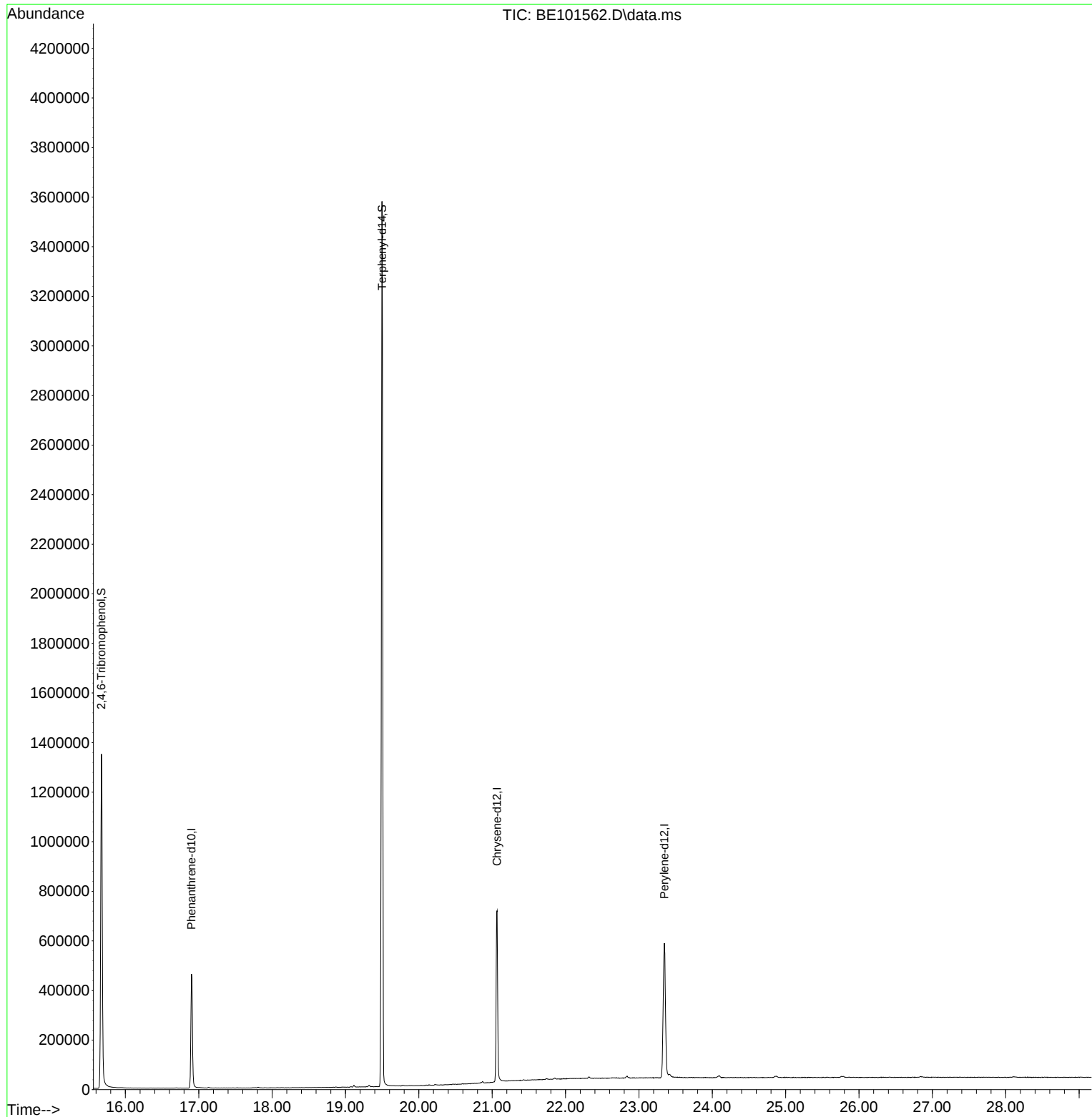
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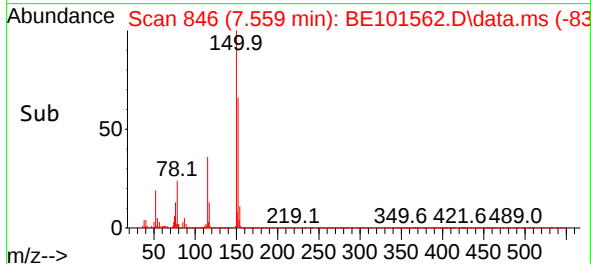
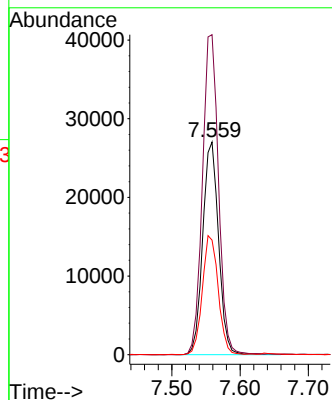
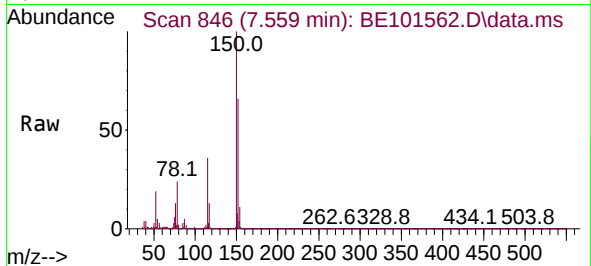




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.559 min Scan# 84
 Delta R.T. -0.004 min
 Lab File: BE101562.D
 Acq: 8 Nov 2024 21:06

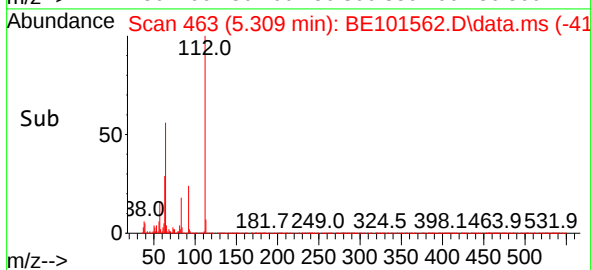
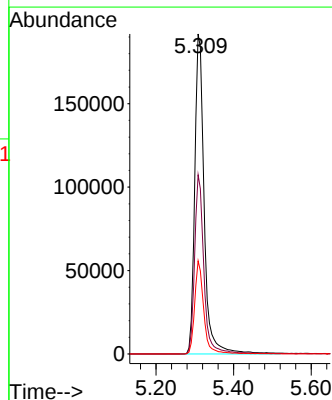
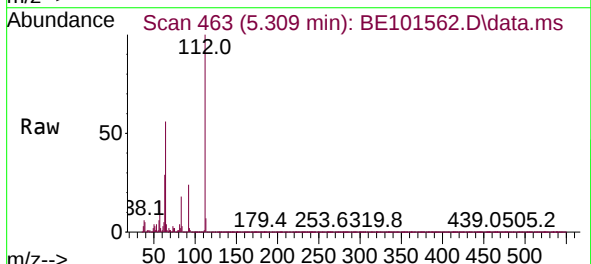
Instrument :
 BNA_E
 ClientSampleId :
 WC-1(0-6)

Tgt Ion:152 Resp: 43597
 Ion Ratio Lower Upper
 152 100
 150 150.5 126.3 189.5
 115 53.9 45.0 67.4



#5
 2-Fluorophenol
 Concen: 131.932 ng
 RT: 5.309 min Scan# 463
 Delta R.T. -0.004 min
 Lab File: BE101562.D
 Acq: 8 Nov 2024 21:06

Tgt Ion:112 Resp: 325298
 Ion Ratio Lower Upper
 112 100
 64 56.0 43.2 64.8
 63 29.1 21.8 32.6

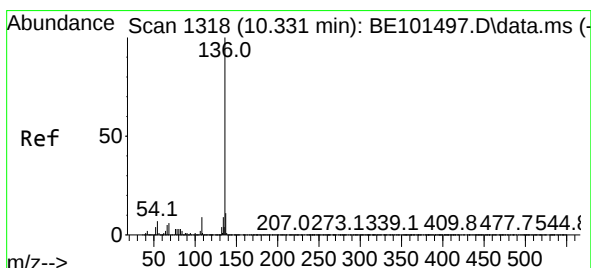
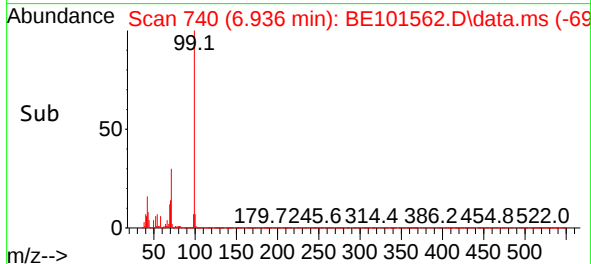
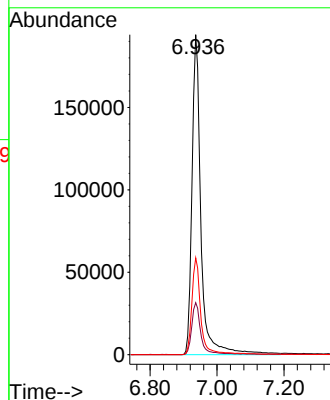
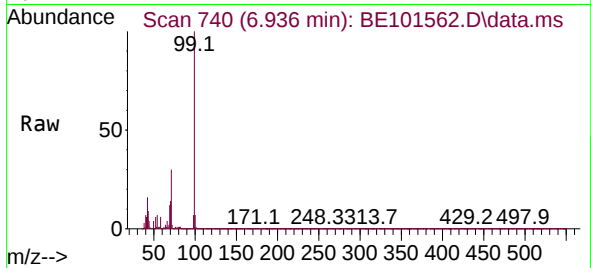




#7
Phenol-d6
Concen: 107.239 ng
RT: 6.936 min Scan# 742
Delta R.T. -0.010 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

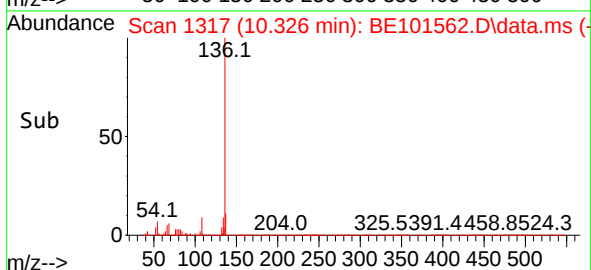
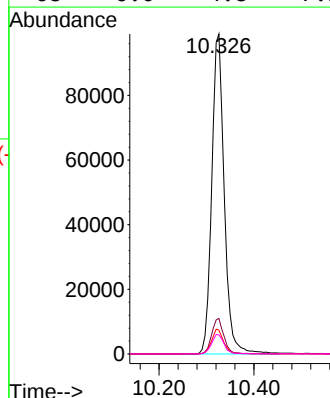
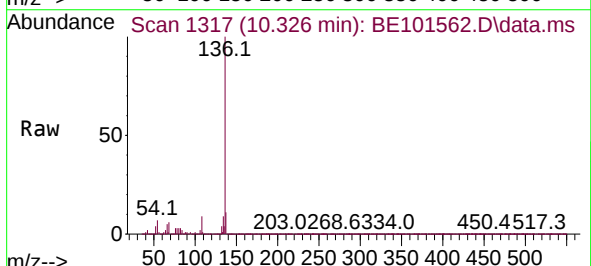
Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

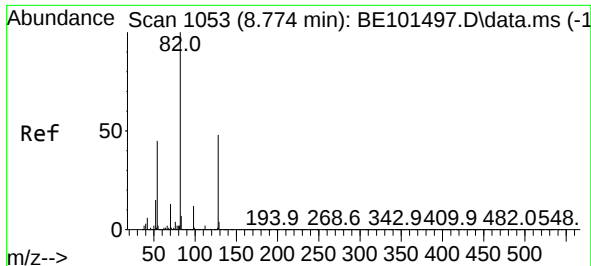
Tgt Ion: 99 Resp: 362532
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 30.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

Tgt Ion:136 Resp: 181077
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.5 5.6 8.4
68 6.0 4.8 7.2

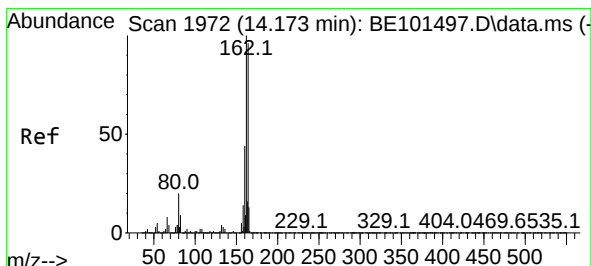
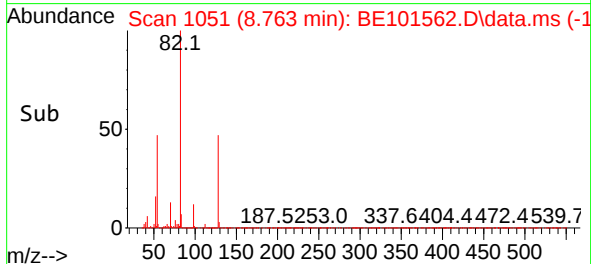
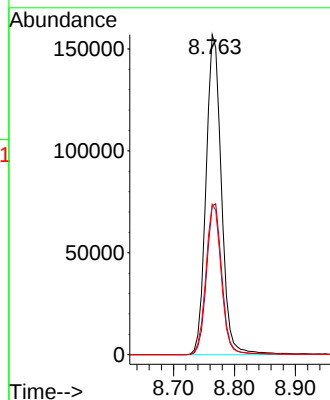
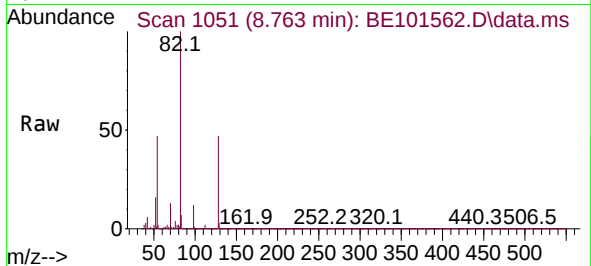




#23
Nitrobenzene-d5
Concen: 96.350 ng
RT: 8.763 min Scan# 1051
Delta R.T. -0.010 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

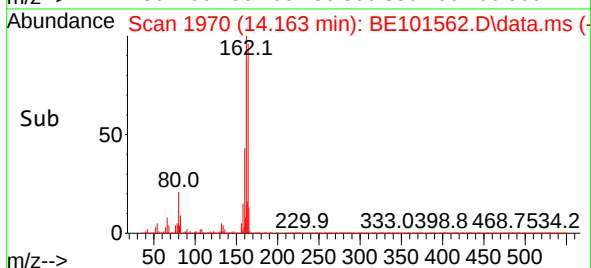
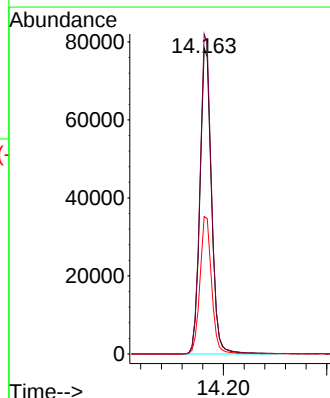
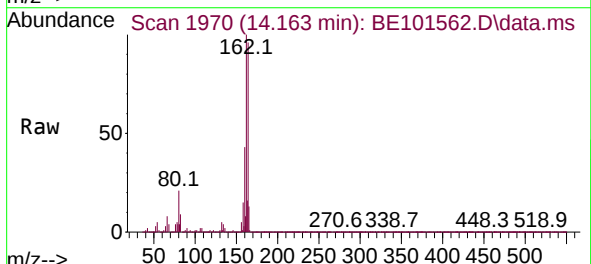
Instrument :
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ClientSampleId :
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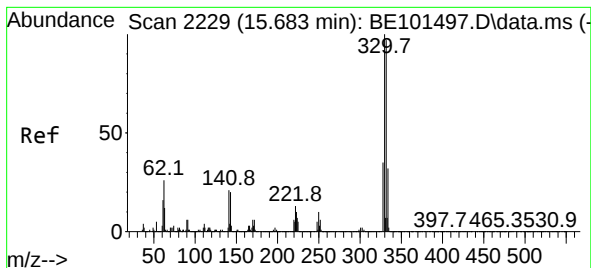
Tgt Ion: 82 Resp: 276209
Ion Ratio Lower Upper
82 100
128 46.5 38.6 58.0
54 47.0 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1970
Delta R.T. -0.010 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

Tgt Ion: 164 Resp: 121098
Ion Ratio Lower Upper
164 100
162 104.6 83.7 125.5
160 44.9 37.1 55.7

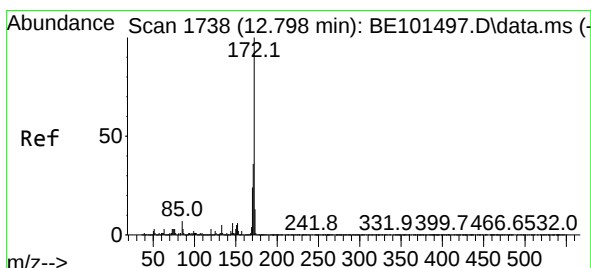
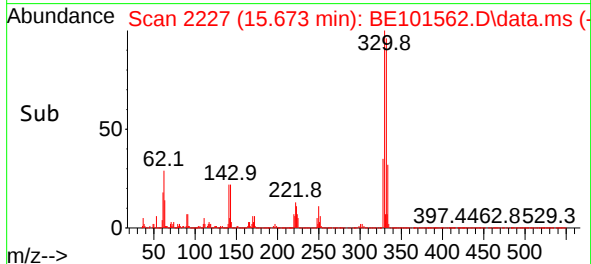
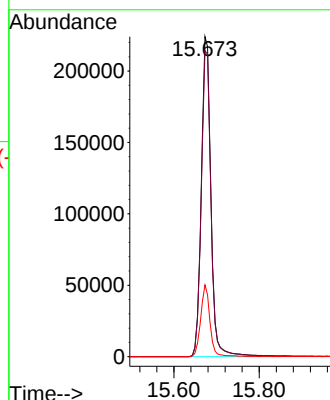
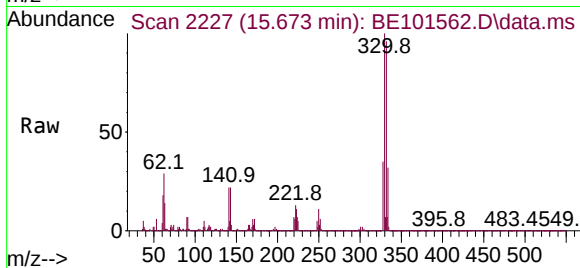




#42
2,4,6-Tribromophenol
Concen: 154.509 ng
RT: 15.673 min Scan# 21
Delta R.T. -0.010 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

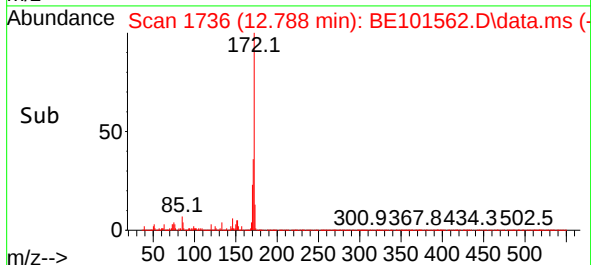
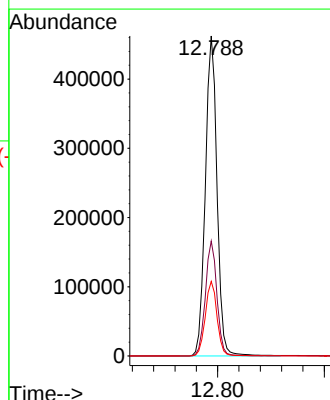
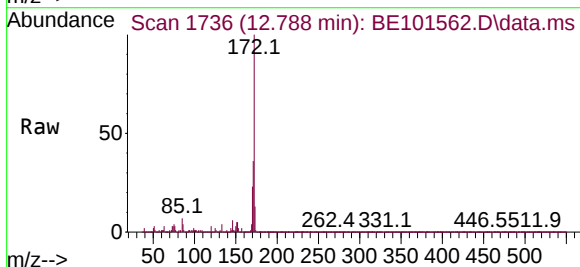
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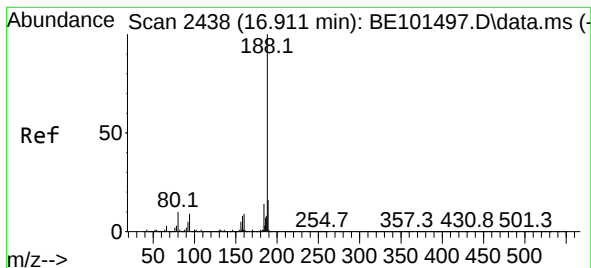
Tgt Ion:330 Resp: 352080
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 21.5 17.0 25.4



#45
2-Fluorobiphenyl
Concen: 94.444 ng
RT: 12.788 min Scan# 1736
Delta R.T. -0.010 min
Lab File: BE101562.D
Acq: 8 Nov 2024 21:06

Tgt Ion:172 Resp: 700448
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 2436

Delta R.T. -0.010 min

Lab File: BE101562.D

Acq: 8 Nov 2024 21:06

Instrument :

BNA_E

ClientSampleId :

WC-1(0-6)

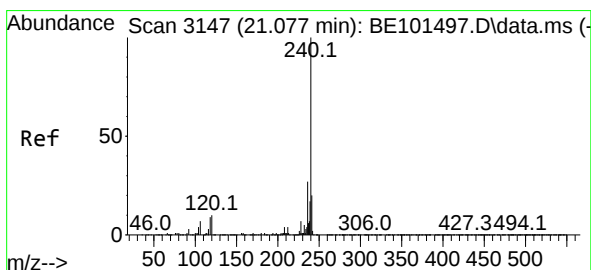
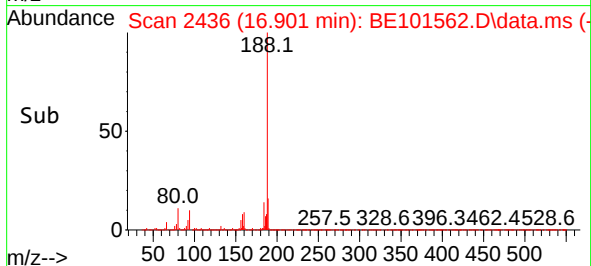
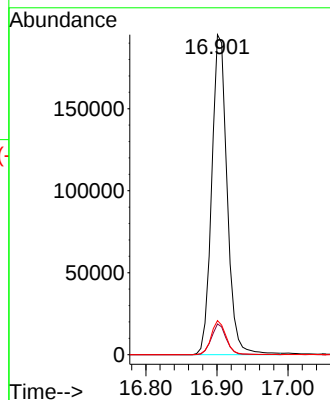
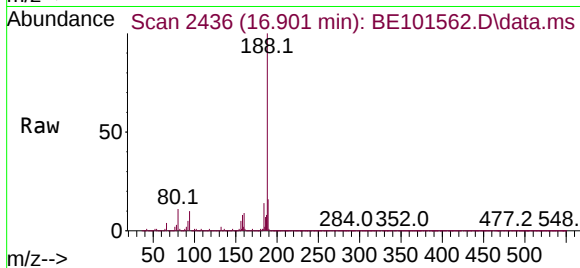
Tgt Ion:188 Resp: 293866

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.067 min Scan# 3145

Delta R.T. -0.010 min

Lab File: BE101562.D

Acq: 8 Nov 2024 21:06

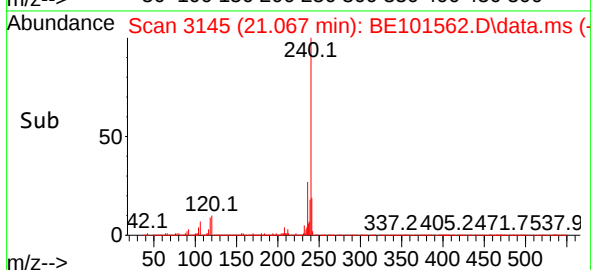
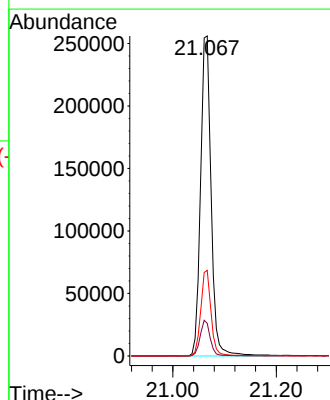
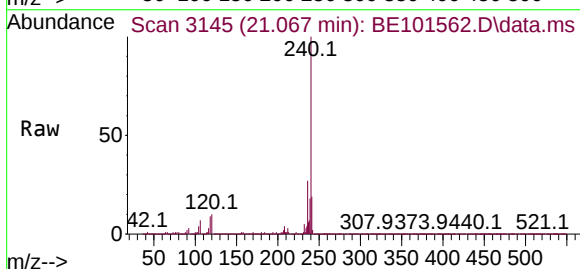
Tgt Ion:240 Resp: 362629

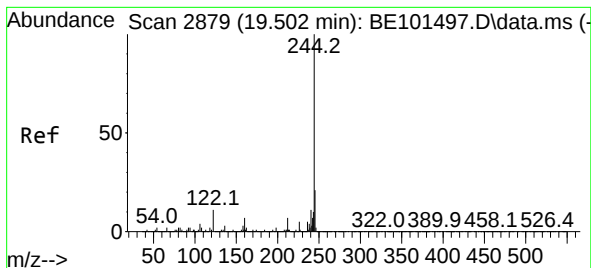
Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.4

236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 110.892 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101562.D

Acq: 8 Nov 2024 21:06

Instrument :

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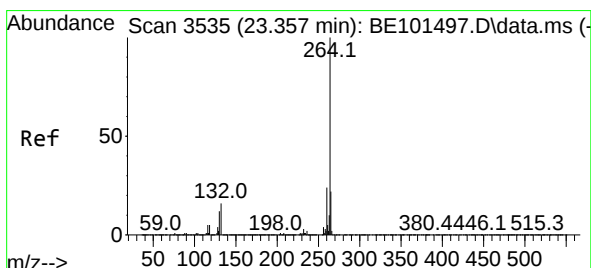
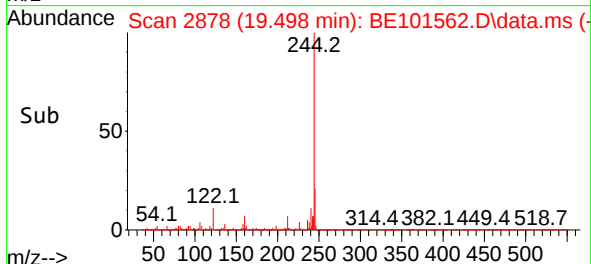
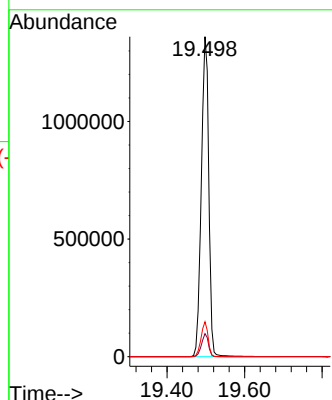
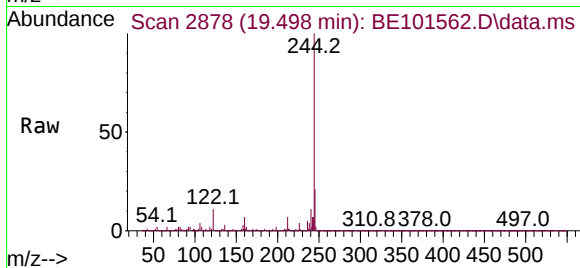
Tgt Ion:244 Resp: 1816656

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.9 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.346 min Scan# 3533

Delta R.T. -0.010 min

Lab File: BE101562.D

Acq: 8 Nov 2024 21:06

Tgt Ion:264 Resp: 463143

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.4 17.4 26.2

