

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
 Data File : BE101572.D
 Acq On : 11 Nov 2024 15:08
 Operator : RC/JU
 Sample : P4796-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-4

Quant Time: Nov 11 15:22:22 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	7.555	152	33445	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	147918	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	106695	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	267919	20.000	ng	0.00
76) Chrysene-d12	21.063	240	326223	20.000	ng	-0.01
86) Perylene-d12	23.348	264	413661	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	191900	101.454	ng	0.00
7) Phenol-d6	6.932	99	253847	97.882	ng	-0.01
23) Nitrobenzene-d5	8.765	82	148596	63.454	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	201528	100.379	ng	0.00
45) 2-Fluorobiphenyl	12.784	172	424982	65.037	ng	-0.01
79) Terphenyl-d14	19.494	244	1145780	77.746	ng	0.00

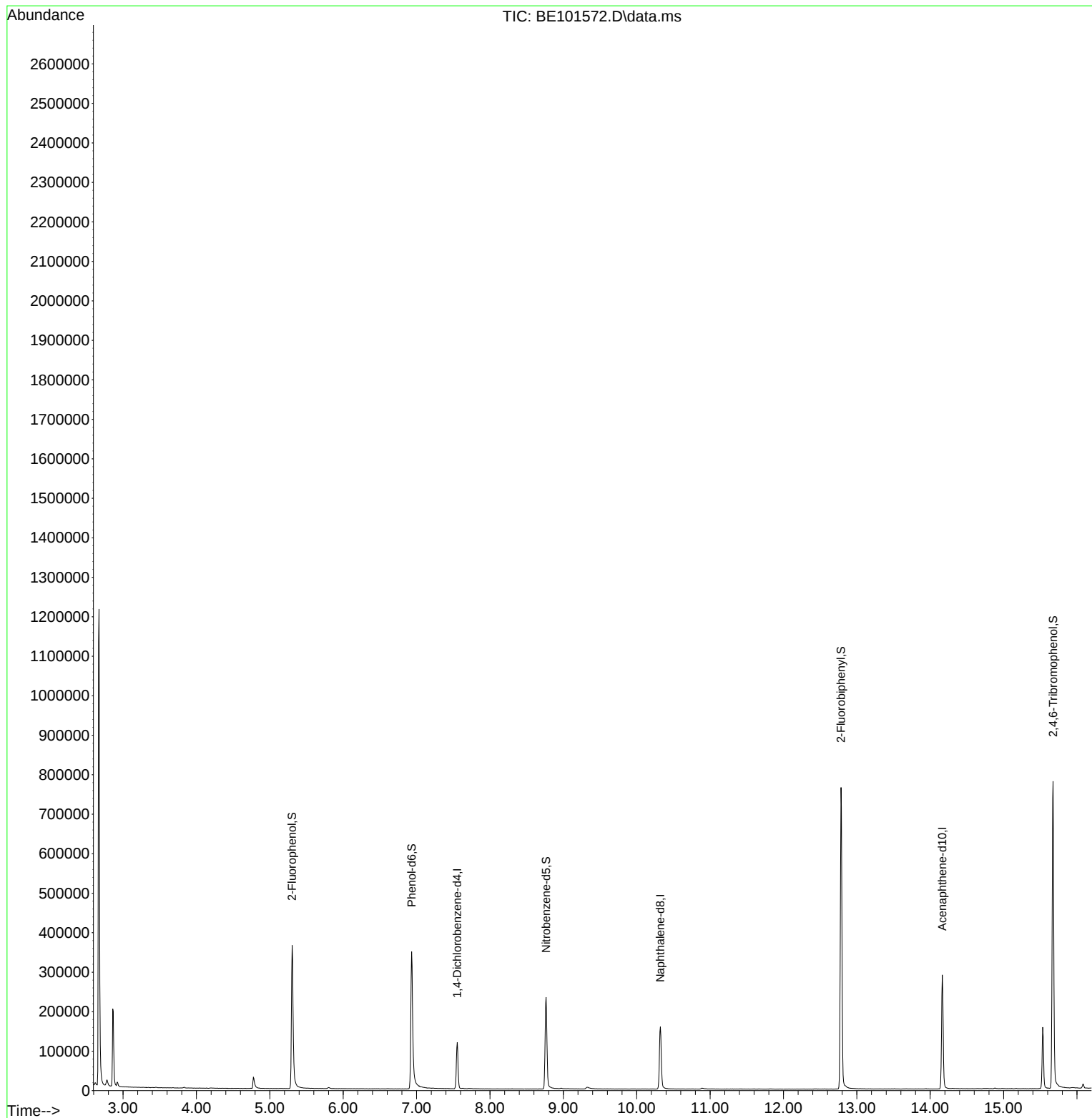
Target Compounds	Qvalue

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

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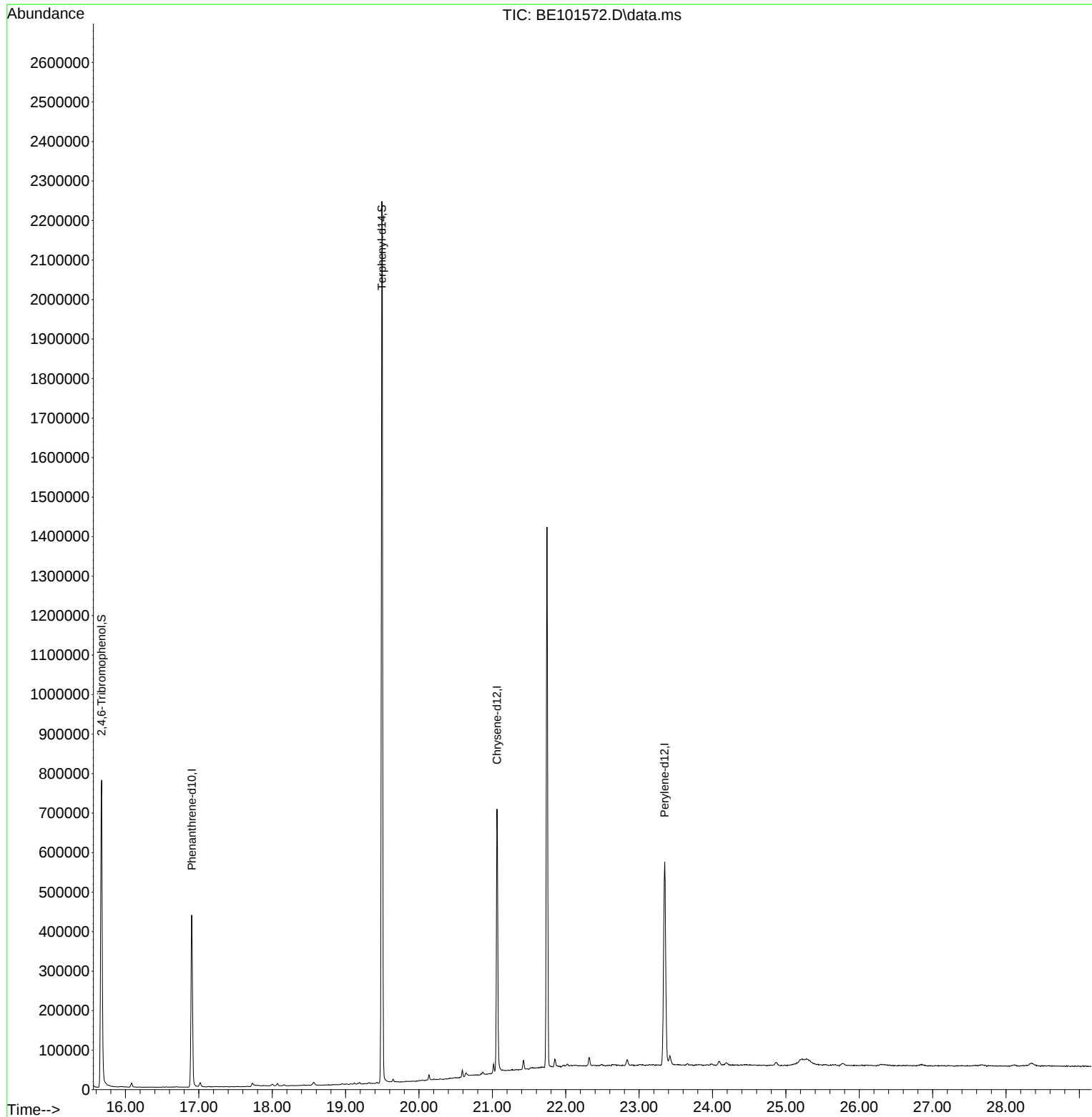
Quant Time: Nov 11 15:22:22 2024
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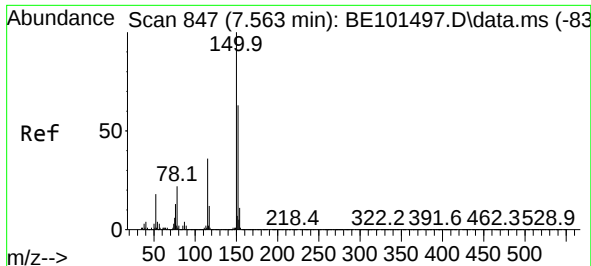


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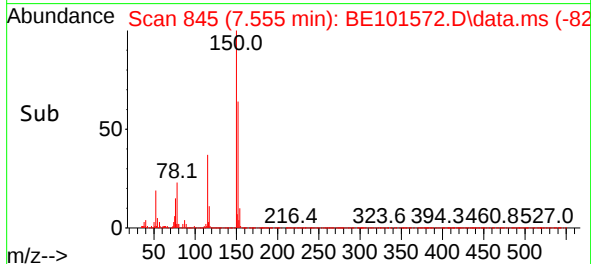
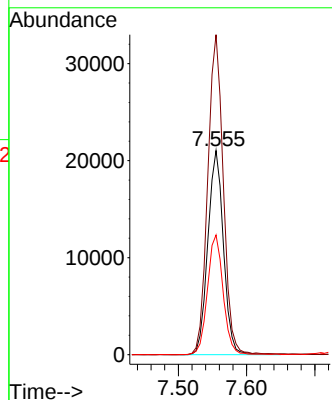
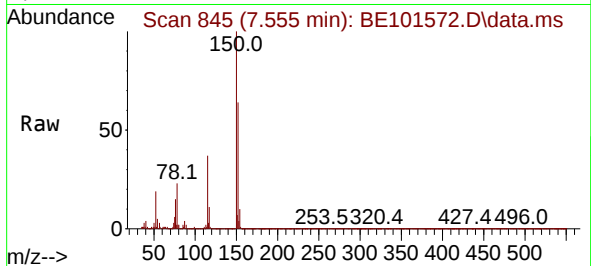




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.555 min Scan# 84
 Delta R.T. -0.008 min
 Lab File: BE101572.D
 Acq: 11 Nov 2024 15:08

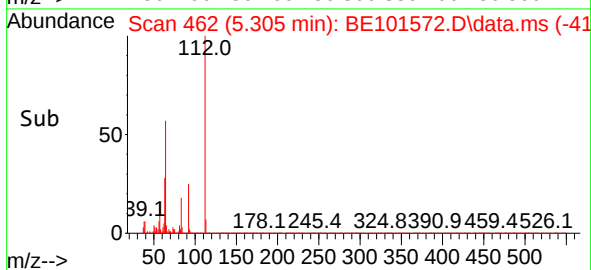
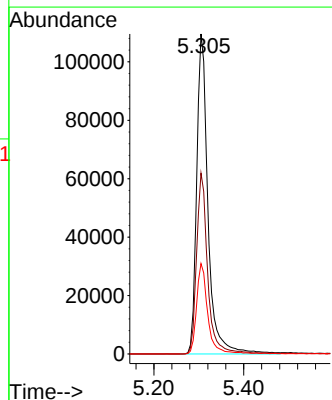
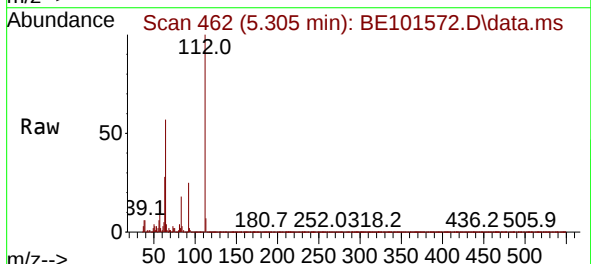
Instrument :
 BNA_E
 ClientSampleId :
 TP-4

Tgt Ion:152 Resp: 33445
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.3 189.5
 115 58.6 45.0 67.4



#5
 2-Fluorophenol
 Concen: 101.454 ng
 RT: 5.305 min Scan# 462
 Delta R.T. -0.008 min
 Lab File: BE101572.D
 Acq: 11 Nov 2024 15:08

Tgt Ion:112 Resp: 191900
 Ion Ratio Lower Upper
 112 100
 64 56.5 43.2 64.8
 63 28.2 21.8 32.6

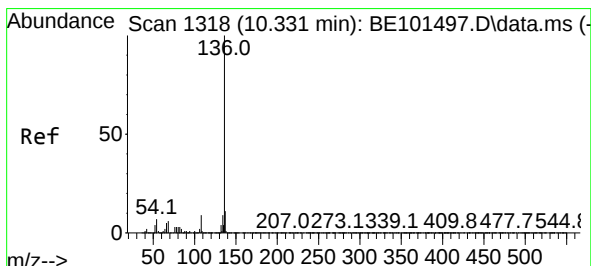
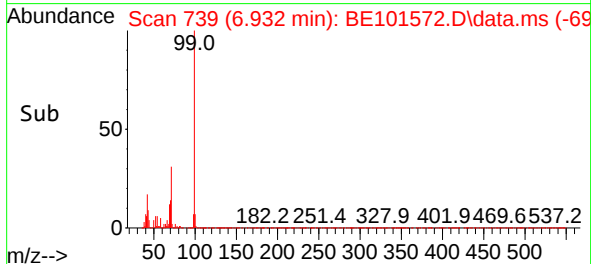
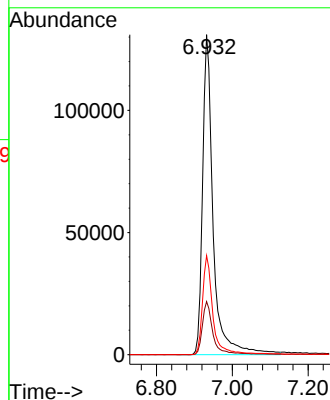
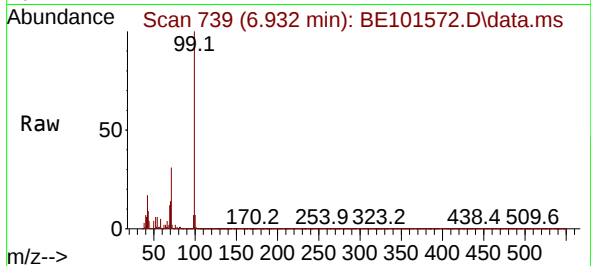




#7
Phenol-d6
Concen: 97.882 ng
RT: 6.932 min Scan# 71
Delta R.T. -0.014 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

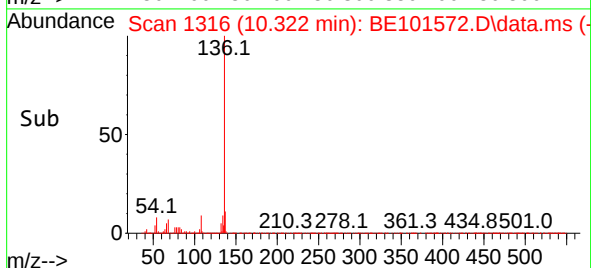
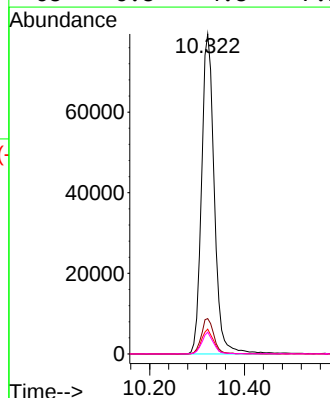
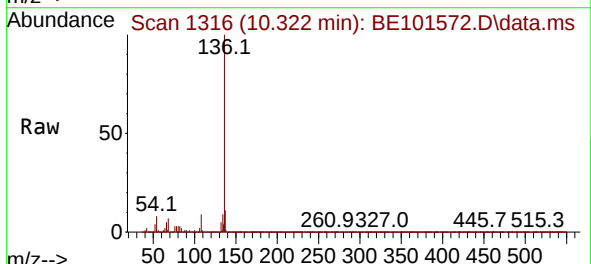
Instrument :
BNA_E
ClientSampleId :
TP-4

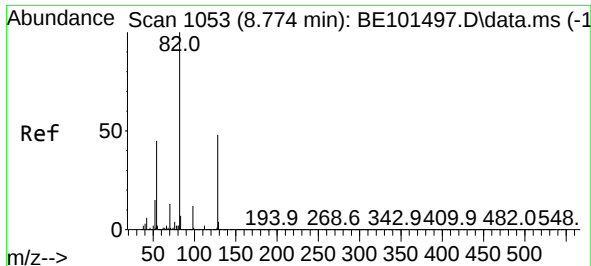
Tgt Ion: 99 Resp: 253847
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

Tgt Ion: 136 Resp: 147918
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.8 5.6 8.4
68 6.8 4.8 7.2

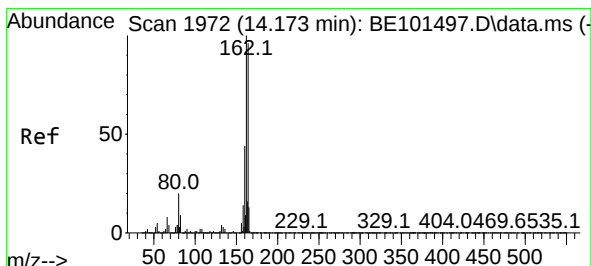
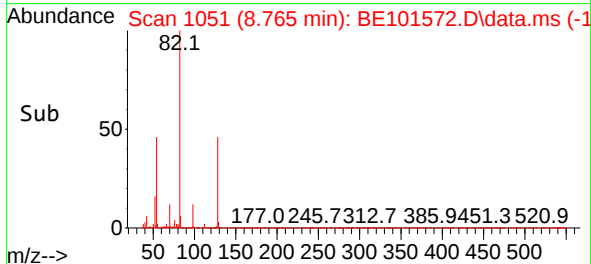
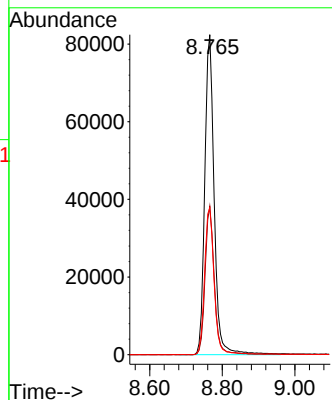
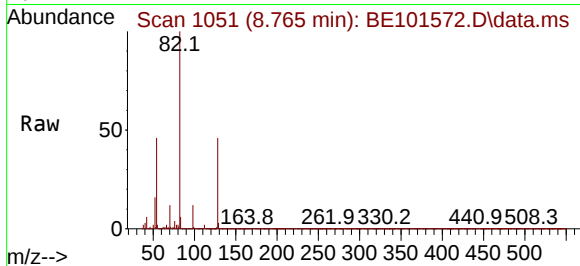




#23
Nitrobenzene-d5
Concen: 63.454 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

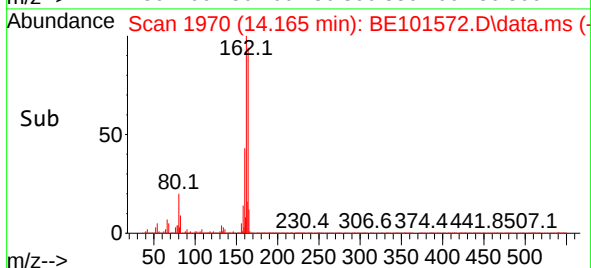
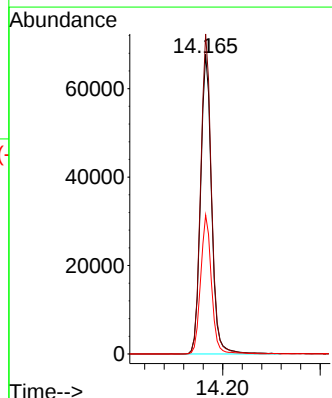
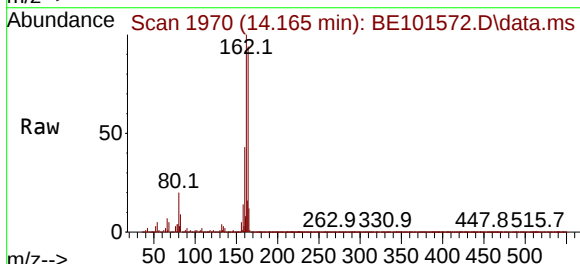
Instrument :
BNA_E
ClientSampleId :
TP-4

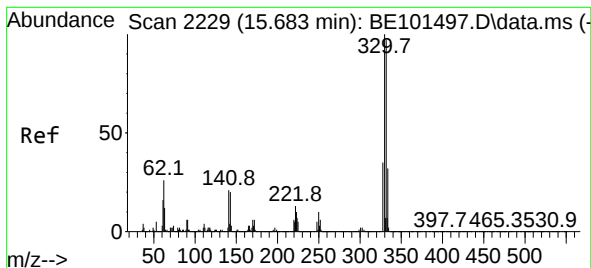
Tgt Ion: 82 Resp: 148596
Ion Ratio Lower Upper
82 100
128 46.4 38.6 58.0
54 46.0 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101572.D
Acq: 11 Nov 2024 15:08

Tgt Ion: 164 Resp: 106695
Ion Ratio Lower Upper
164 100
162 106.8 83.7 125.5
160 46.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 100.379 ng

RT: 15.675 min Scan# 21

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

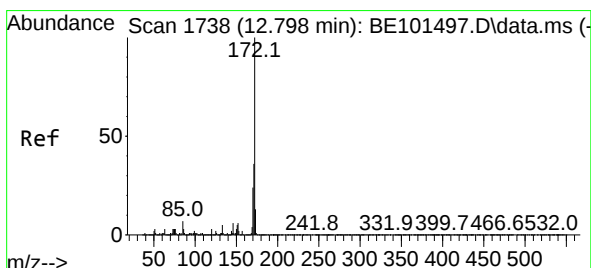
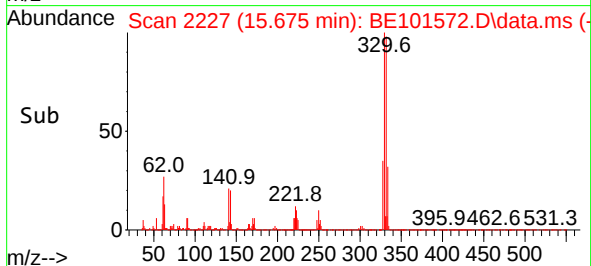
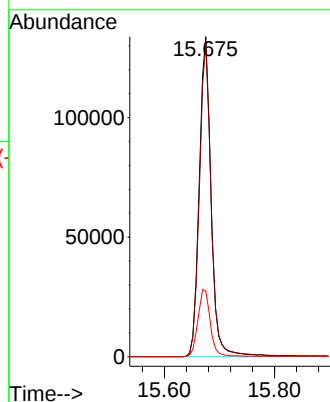
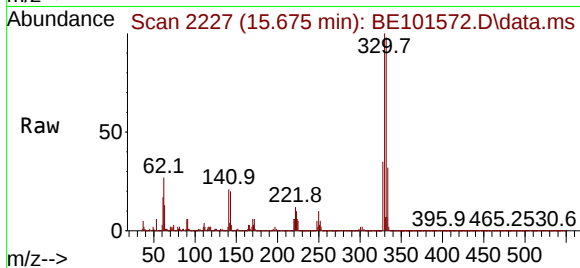
Tgt Ion:330 Resp: 201528

Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 22.0 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 65.037 ng

RT: 12.784 min Scan# 1735

Delta R.T. -0.014 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

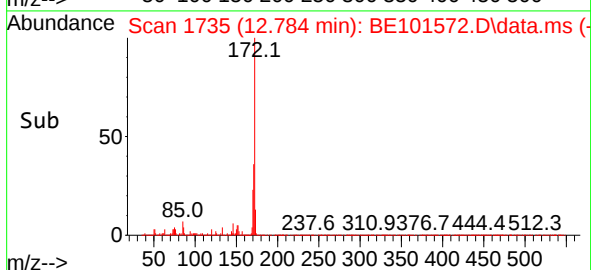
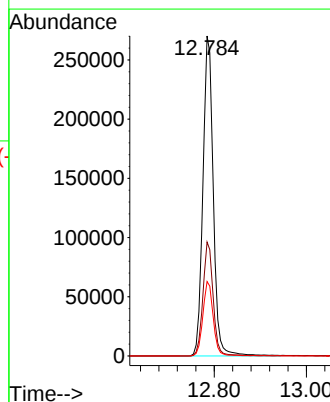
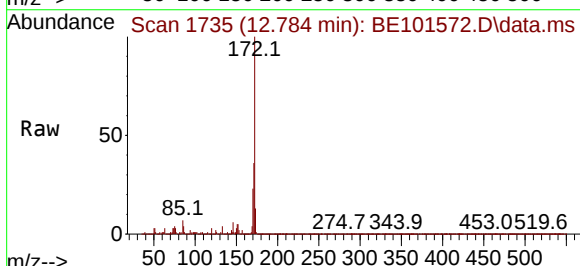
Tgt Ion:172 Resp: 424982

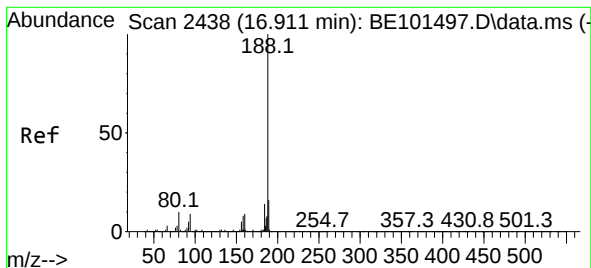
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

TP-4

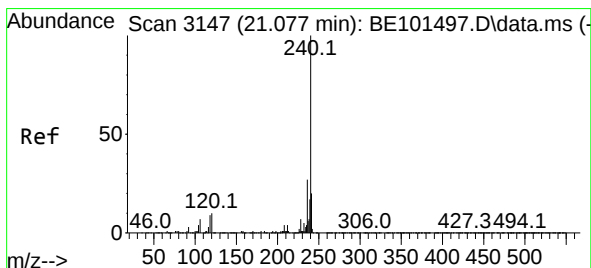
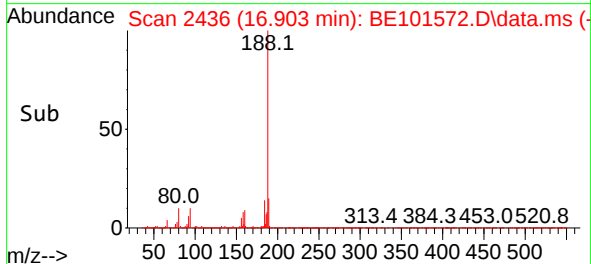
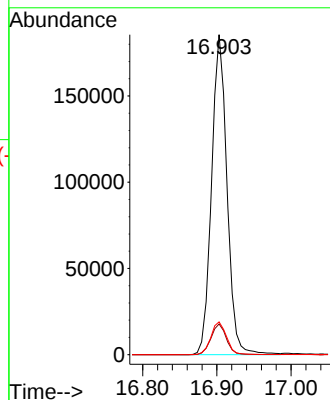
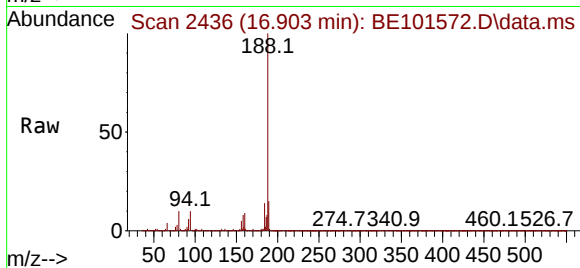
Tgt Ion:188 Resp: 267919

Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.2

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.063 min Scan# 3144

Delta R.T. -0.014 min

Lab File: BE101572.D

Acq: 11 Nov 2024 15:08

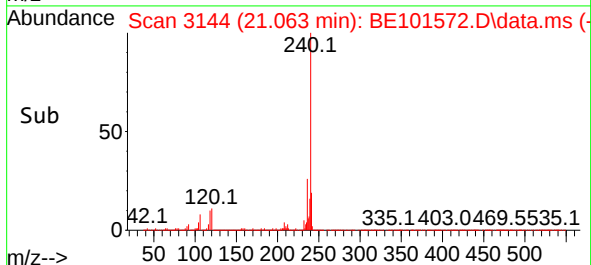
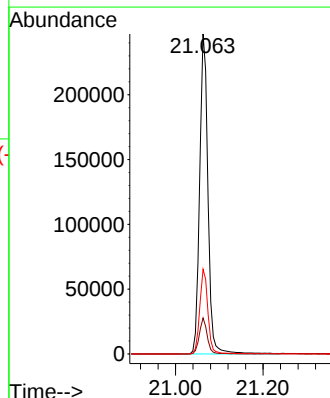
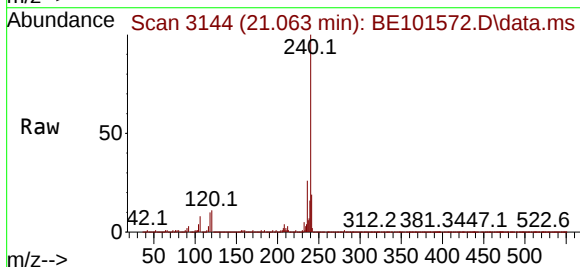
Tgt Ion:240 Resp: 326223

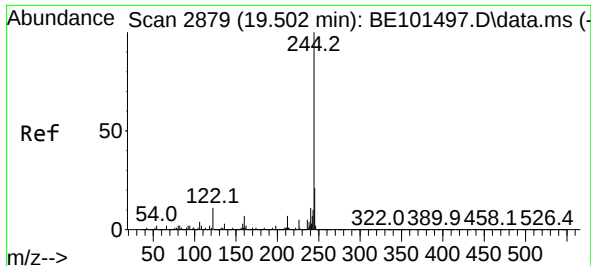
Ion Ratio Lower Upper

240 100

120 11.3 8.2 12.4

236 26.5 21.4 32.2

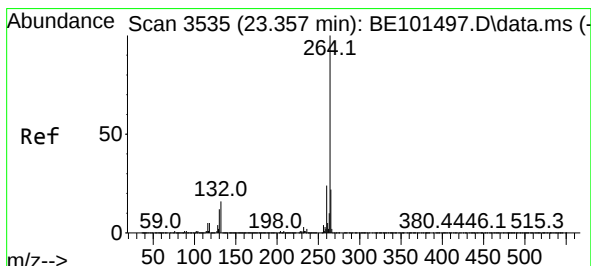
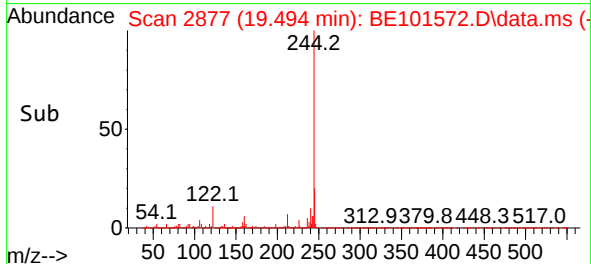
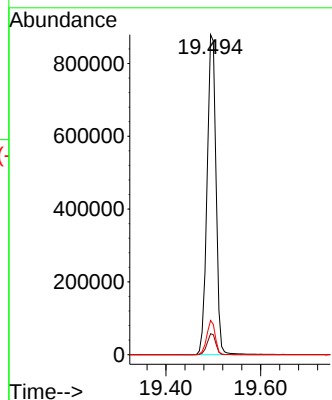
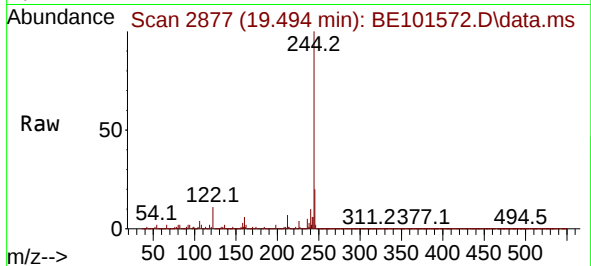




#79
 Terphenyl-d14
 Concen: 77.746 ng
 RT: 19.494 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BE101572.D
 Acq: 11 Nov 2024 15:08

Instrument :
 BNA_E
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 1145780
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.8
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.348 min Scan# 3533
 Delta R.T. -0.008 min
 Lab File: BE101572.D
 Acq: 11 Nov 2024 15:08

Tgt Ion:264 Resp: 413661
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 22.0 17.4 26.2

