

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101439.D
 Acq On : 31 Oct 2024 18:49
 Operator : RC/JU
 Sample : P4594-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-4

Quant Time: Nov 01 06:15:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.576	152	147844	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	703088	20.000	ng	0.00
39) Acenaphthene-d10	14.186	164	494682	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	1108938	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1141345	20.000	ng	0.00
86) Perylene-d12	23.381	264	1476803	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	776719	92.079	ng	0.00
7) Phenol-d6	6.953	99	1009592	86.316	ng	0.00
23) Nitrobenzene-d5	8.786	82	619131	55.309	ng	0.00
42) 2,4,6-Tribromophenol	15.696	330	739741	85.320	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	1531232	52.422	ng	0.00
79) Terphenyl-d14	19.515	244	2775495	55.969	ng	0.00

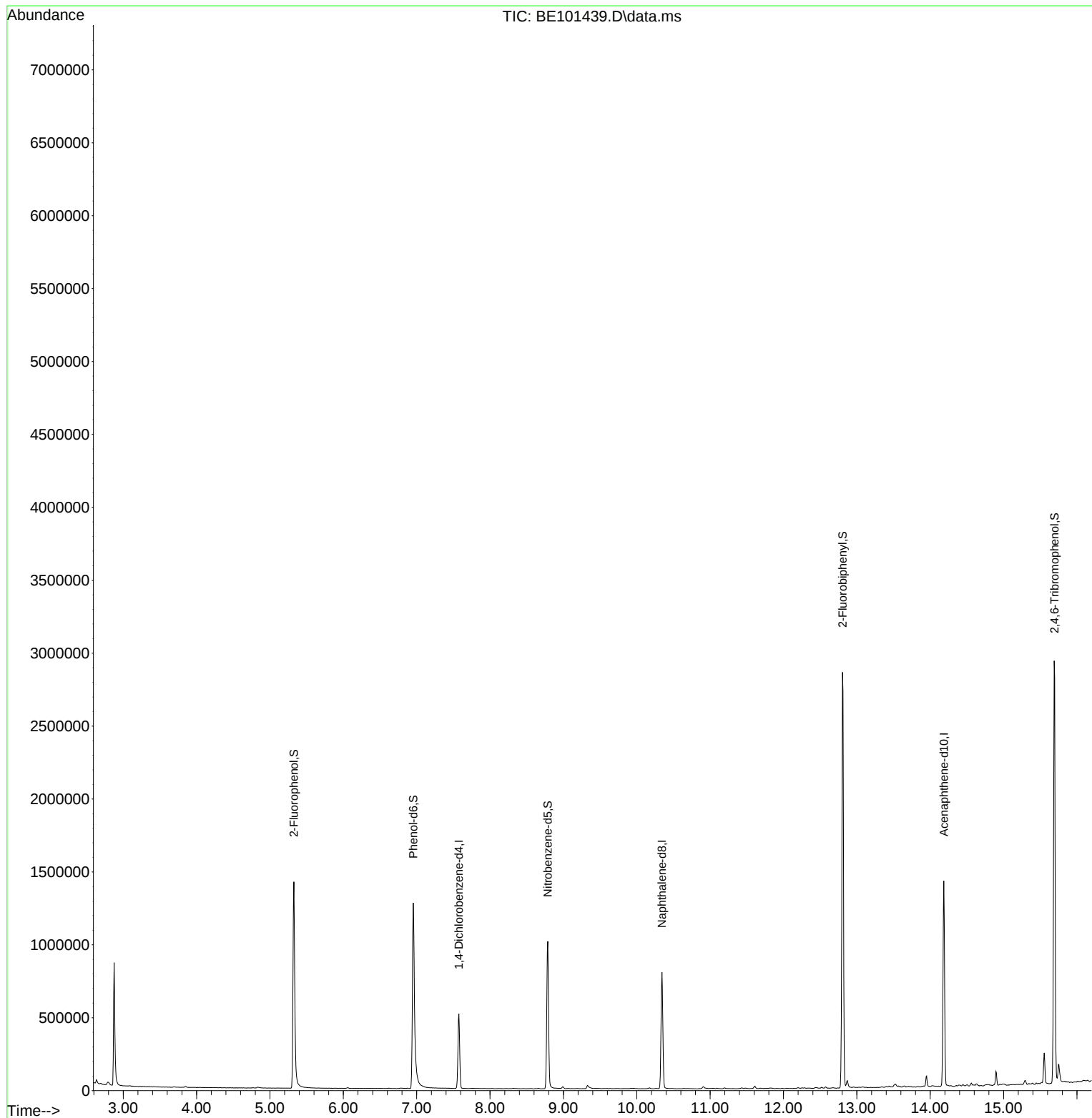
Target Compounds	Qvalue

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

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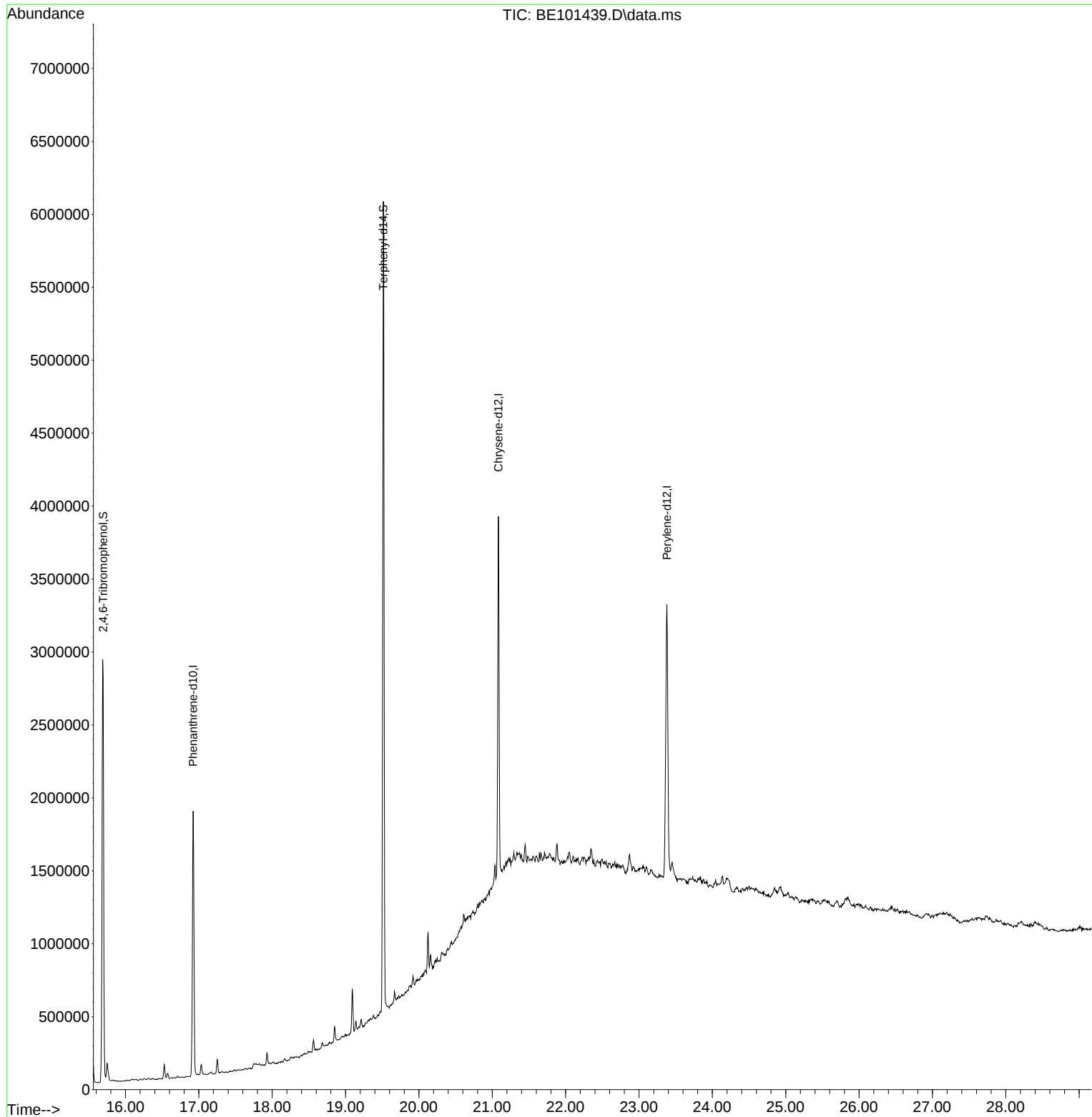
Quant Time: Nov 01 06:15:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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QLast Update : Tue Oct 29 01:26:30 2024
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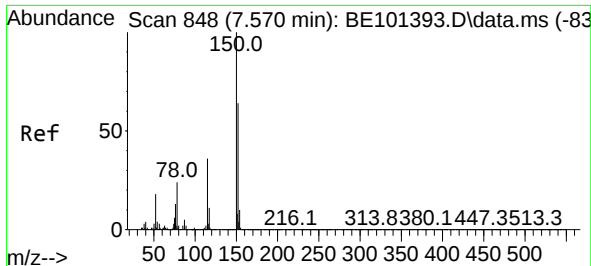


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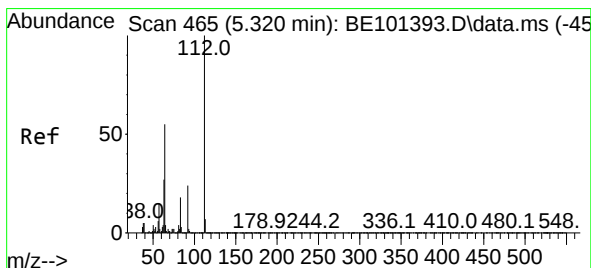
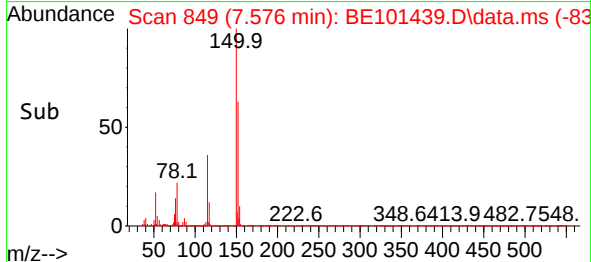
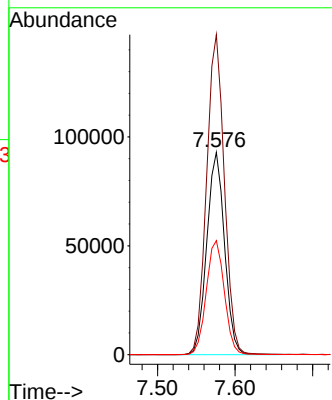
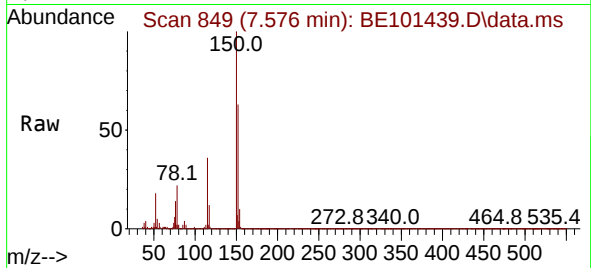




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.576 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: BE101439.D
 Acq: 31 Oct 2024 18:49

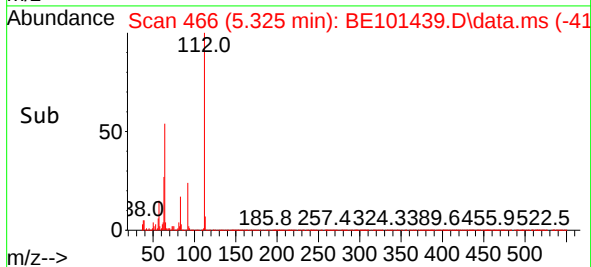
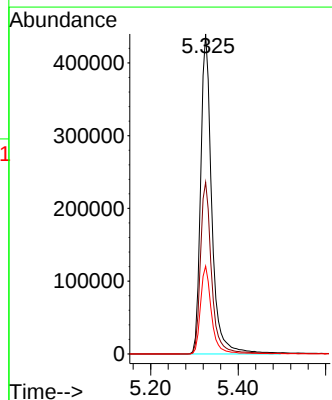
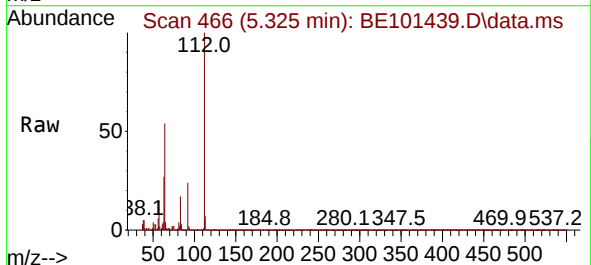
Instrument :
 BNA_E
 ClientSampleId :
 TP-4

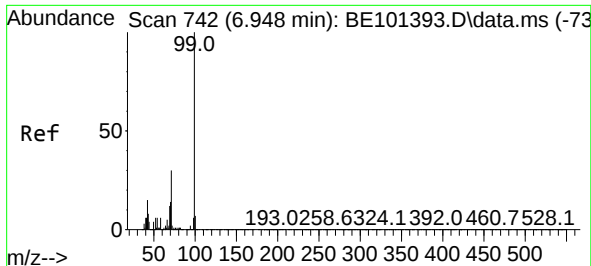
Tgt Ion:152 Resp: 147844
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.2 186.4
 115 56.3 45.3 67.9



#5
 2-Fluorophenol
 Concen: 92.079 ng
 RT: 5.325 min Scan# 466
 Delta R.T. 0.005 min
 Lab File: BE101439.D
 Acq: 31 Oct 2024 18:49

Tgt Ion:112 Resp: 776719
 Ion Ratio Lower Upper
 112 100
 64 53.7 43.7 65.5
 63 27.5 21.4 32.2

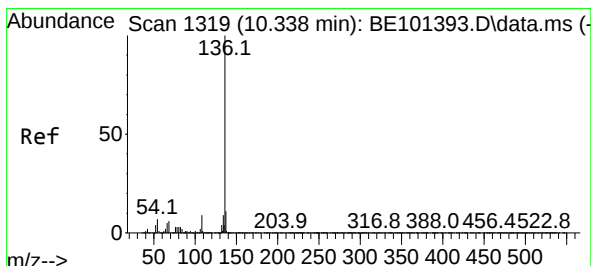
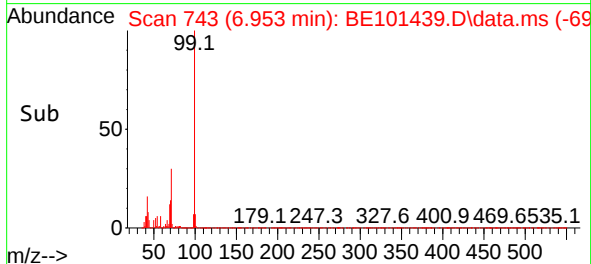
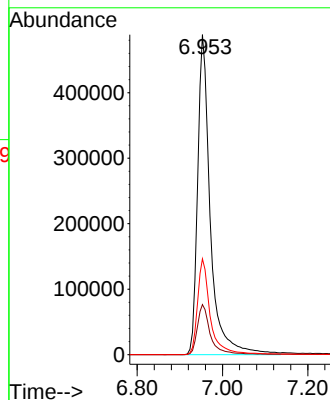
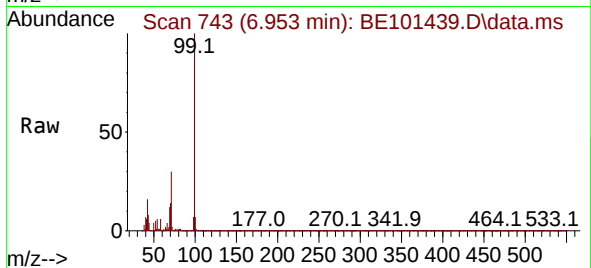




#7
Phenol-d6
Concen: 86.316 ng
RT: 6.953 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101439.D
Acq: 31 Oct 2024 18:49

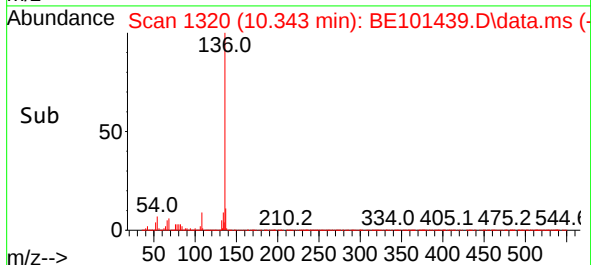
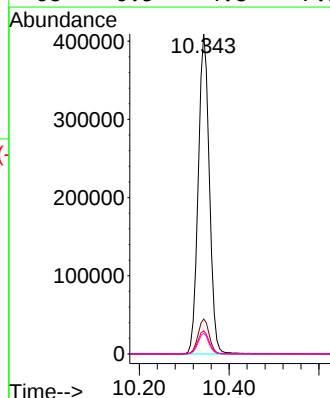
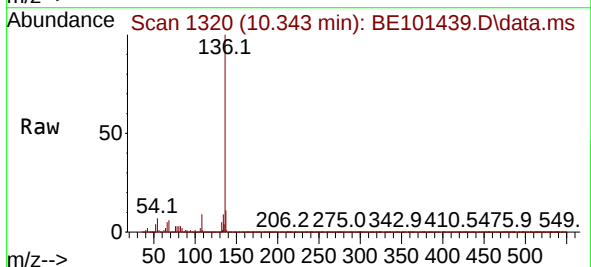
Instrument :
BNA_E
ClientSampleId :
TP-4

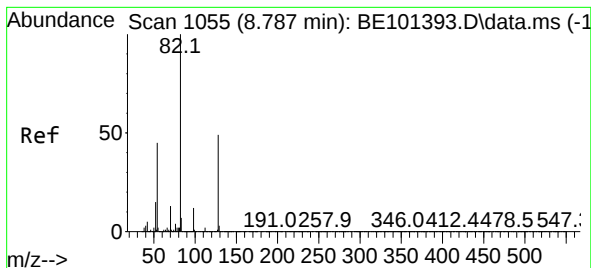
Tgt Ion: 99 Resp: 1009592
Ion Ratio Lower Upper
99 100
42 15.6 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BE101439.D
Acq: 31 Oct 2024 18:49

Tgt Ion: 136 Resp: 703088
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 55.309 ng

RT: 8.786 min Scan# 1055

Delta R.T. -0.001 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

Instrument :

BNA_E

ClientSampleId :

TP-4

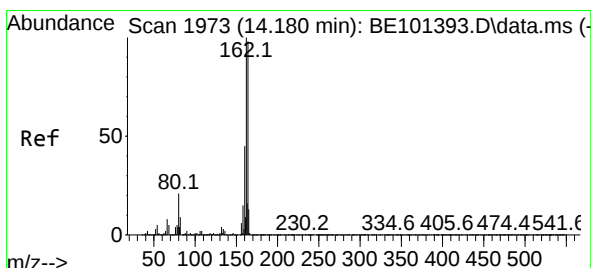
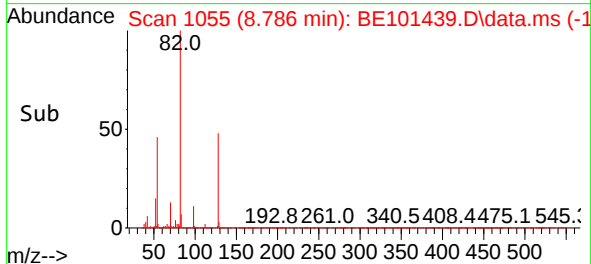
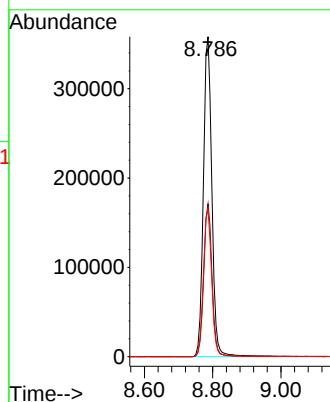
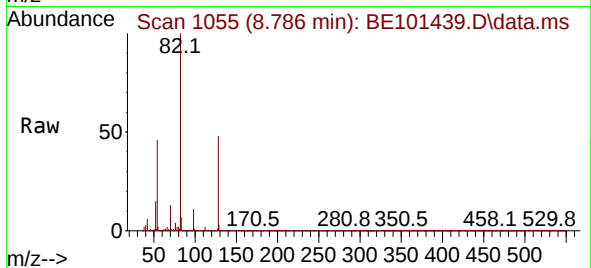
Tgt Ion: 82 Resp: 619131

Ion Ratio Lower Upper

82 100

128 47.8 38.9 58.3

54 45.9 36.2 54.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.186 min Scan# 1974

Delta R.T. 0.005 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

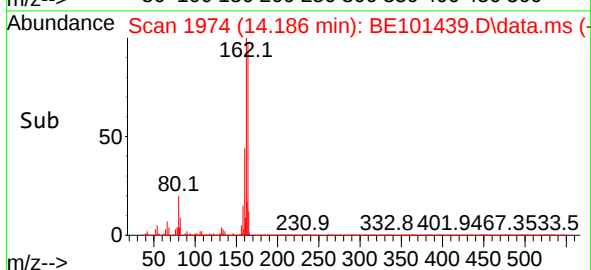
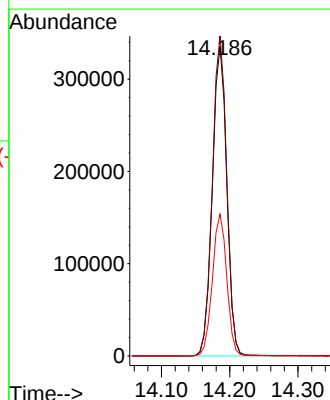
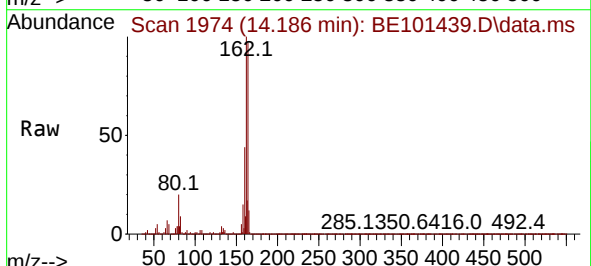
Tgt Ion:164 Resp: 494682

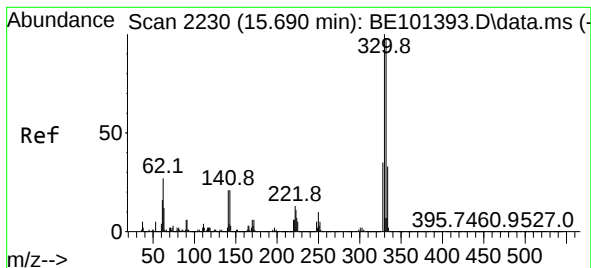
Ion Ratio Lower Upper

164 100

162 103.3 81.3 121.9

160 45.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 85.320 ng

RT: 15.696 min Scan# 2230

Delta R.T. 0.005 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

Instrument :

BNA_E

ClientSampleId :

TP-4

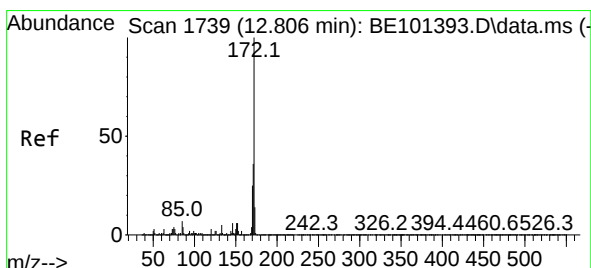
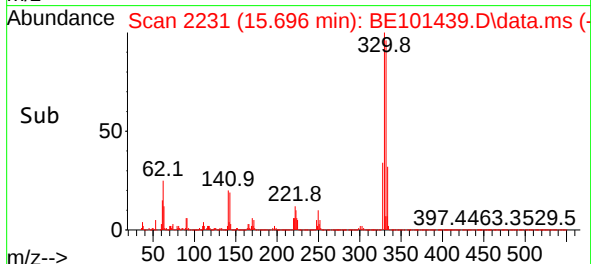
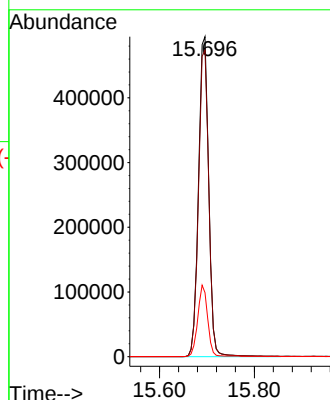
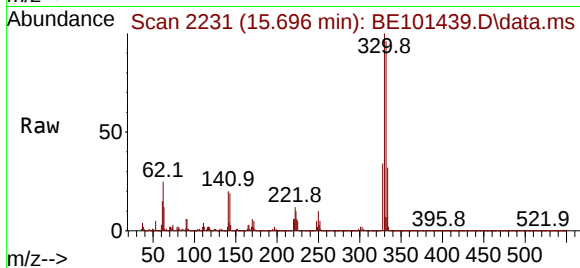
Tgt Ion:330 Resp: 739741

Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

141 21.5 18.3 27.5



#45

2-Fluorobiphenyl

Concen: 52.422 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.001 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

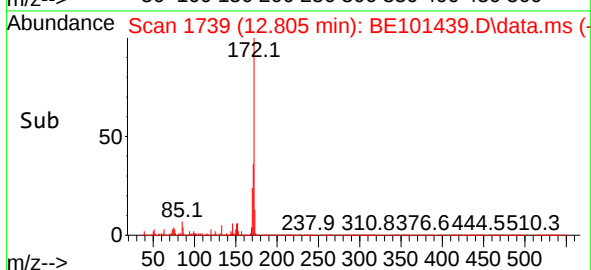
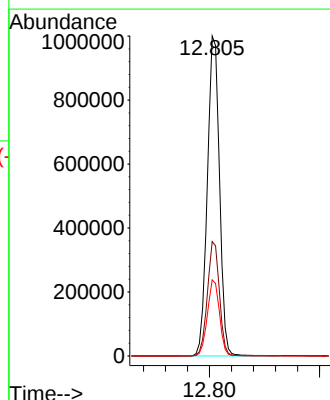
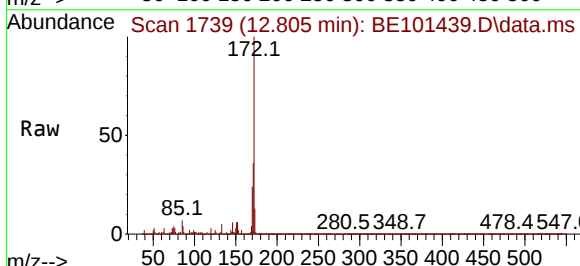
Tgt Ion:172 Resp: 1531232

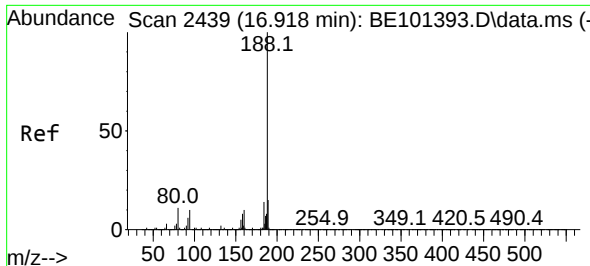
Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.8 19.8 29.6

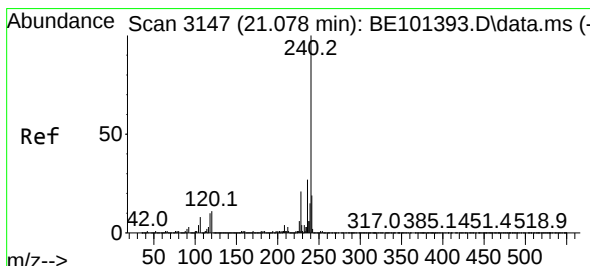
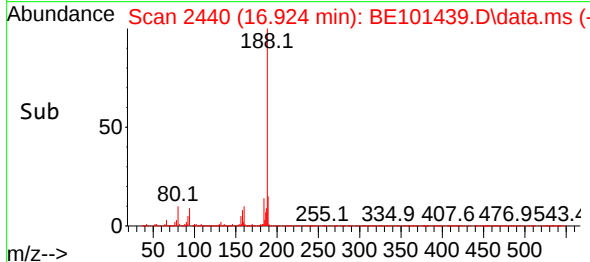
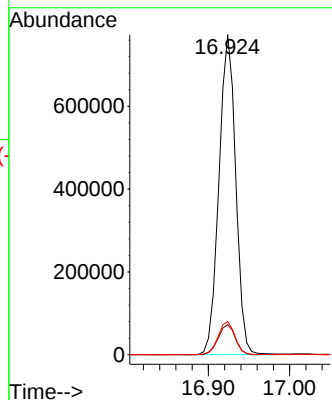
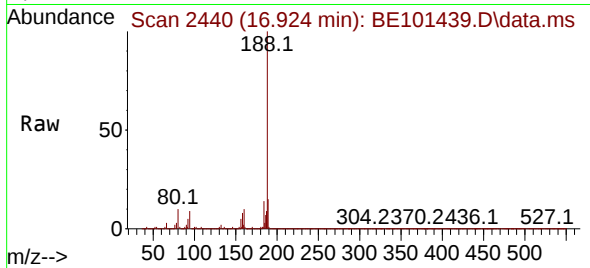




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.924 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BE101439.D
Acq: 31 Oct 2024 18:49

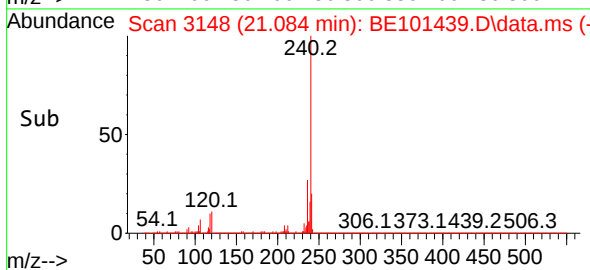
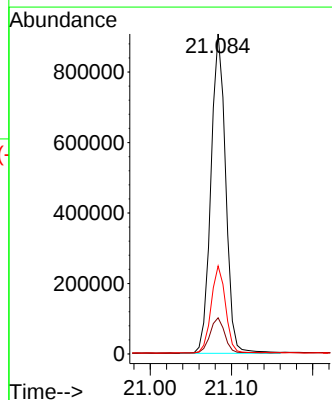
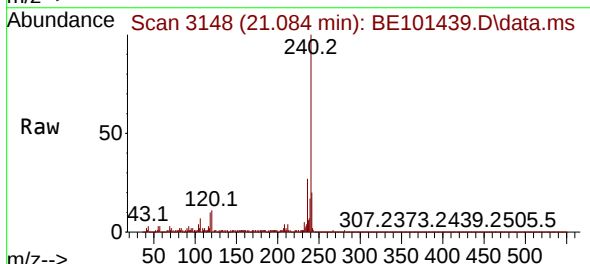
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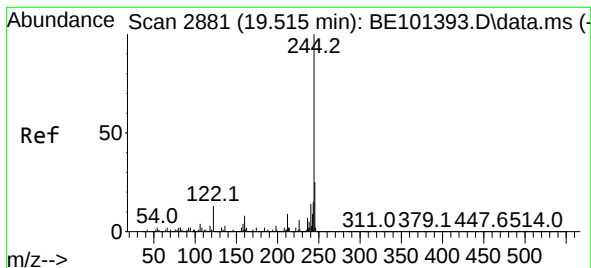
Tgt Ion:188 Resp: 1108938
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.084 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BE101439.D
Acq: 31 Oct 2024 18:49

Tgt Ion:240 Resp: 1141345
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 27.5 21.4 32.0





#79

Terphenyl-d14

Concen: 55.969 ng

RT: 19.515 min Scan# 2881

Delta R.T. -0.000 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

Instrument :

BNA_E

ClientSampleId :

TP-4

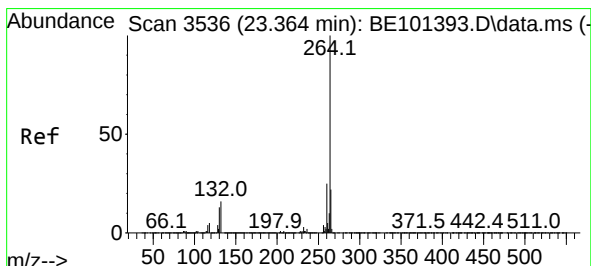
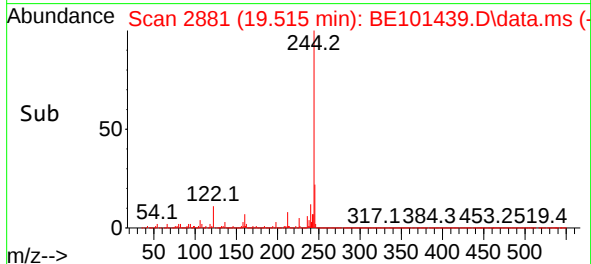
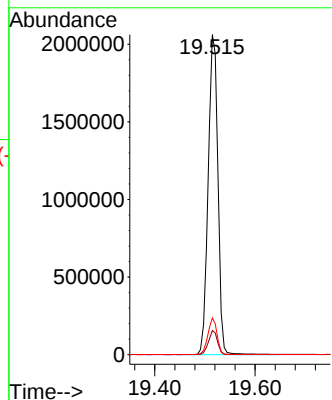
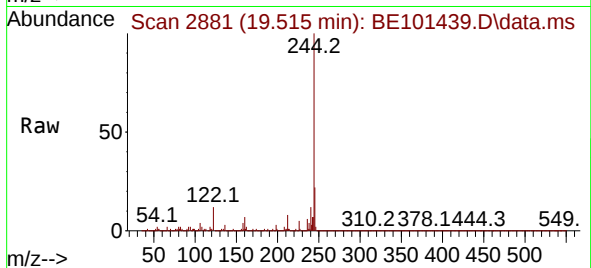
Tgt Ion:244 Resp: 2775495

Ion Ratio Lower Upper

244 100

212 7.6 7.2 10.8

122 11.5 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.381 min Scan# 3539

Delta R.T. 0.017 min

Lab File: BE101439.D

Acq: 31 Oct 2024 18:49

Tgt Ion:264 Resp: 1476803

Ion Ratio Lower Upper

264 100

260 24.9 19.8 29.8

265 22.6 17.6 26.4

