

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101441.D
 Acq On : 31 Oct 2024 20:00
 Operator : RC/JU
 Sample : P4618-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 HR-01-102924

Quant Time: Nov 01 06:16:33 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	7.578	152	142088	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	645270	20.000	ng	0.00
39) Acenaphthene-d10	14.182	164	428788	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	888759	20.000	ng	0.00
76) Chrysene-d12	21.086	240	883114	20.000	ng	0.00
86) Perylene-d12	23.383	264	1141196	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	728918	89.913	ng	0.00
7) Phenol-d6	6.955	99	992864	88.324	ng	0.00
23) Nitrobenzene-d5	8.783	82	579101	56.368	ng	0.00
42) 2,4,6-Tribromophenol	15.692	330	657371	87.471	ng	0.00
45) 2-Fluorobiphenyl	12.807	172	1573240	62.137	ng	0.00
79) Terphenyl-d14	19.517	244	2679523	69.833	ng	0.00

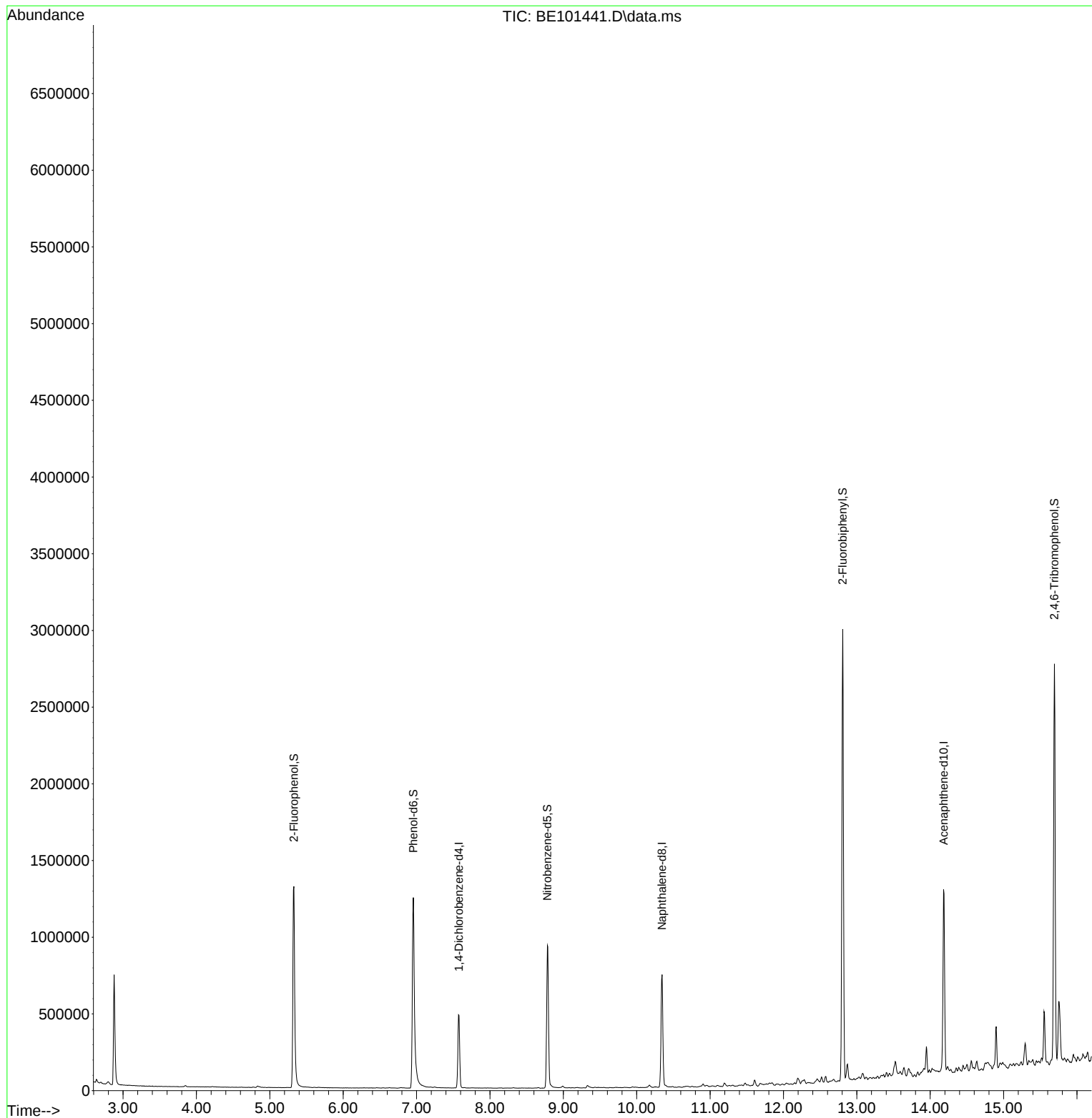
Target Compounds	Qvalue

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

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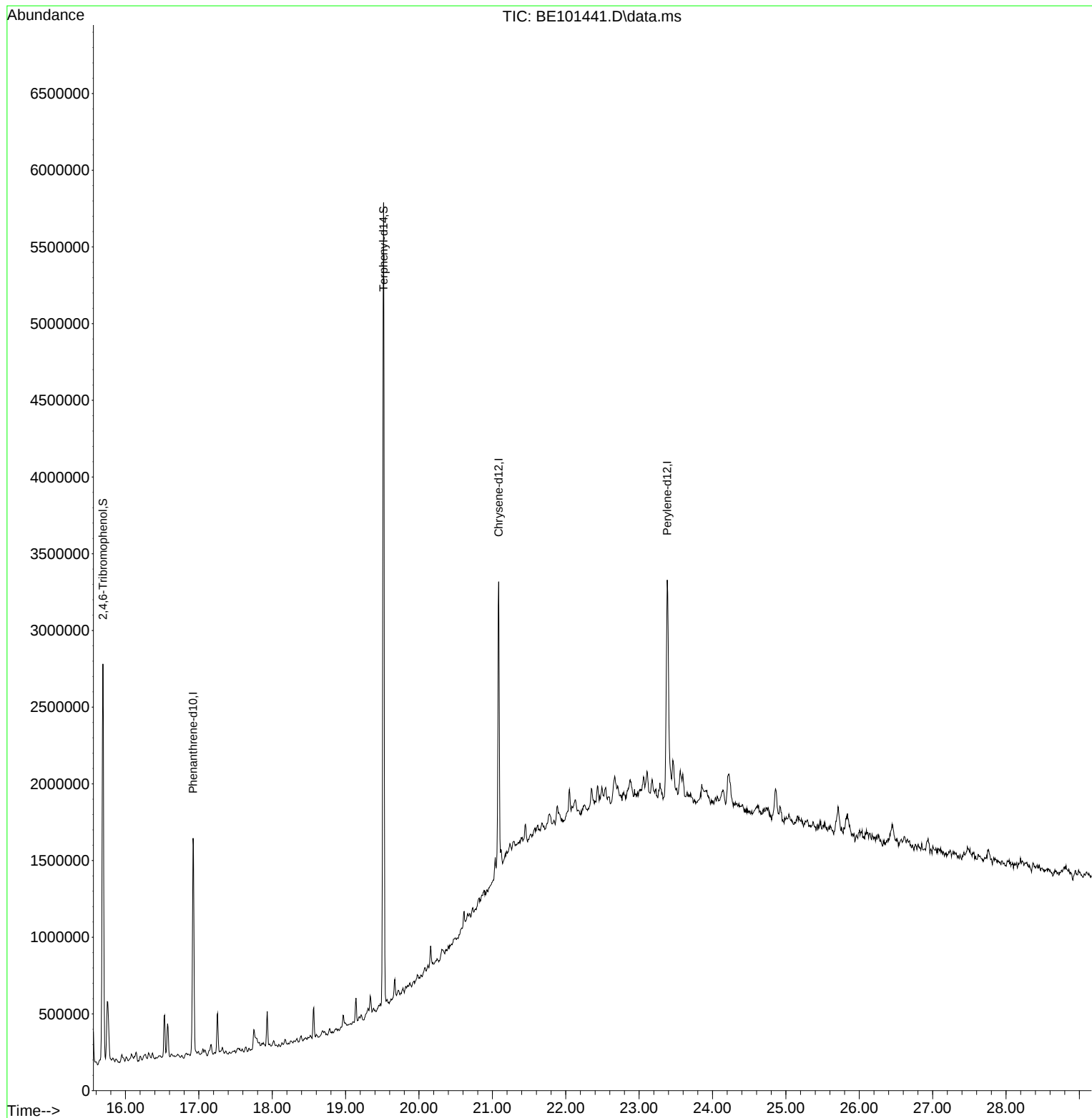
Quant Time: Nov 01 06:16:33 2024
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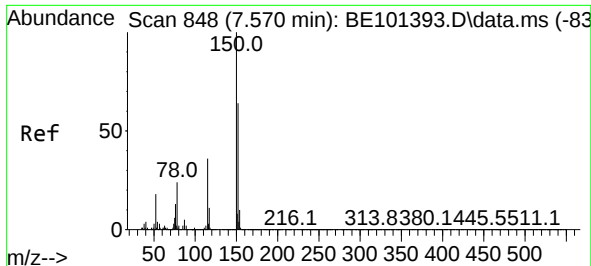


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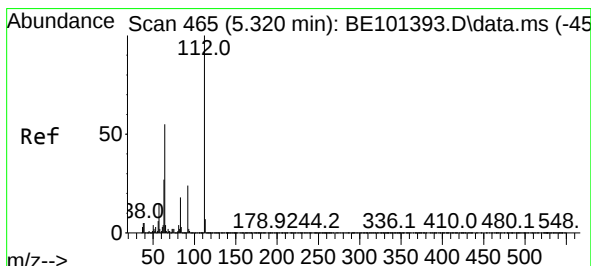
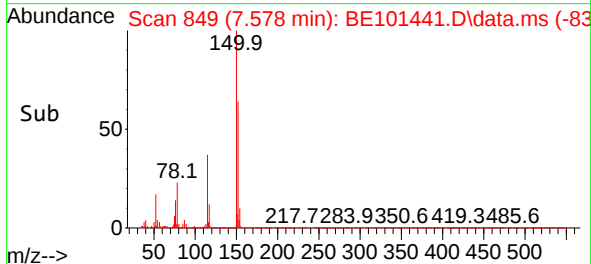
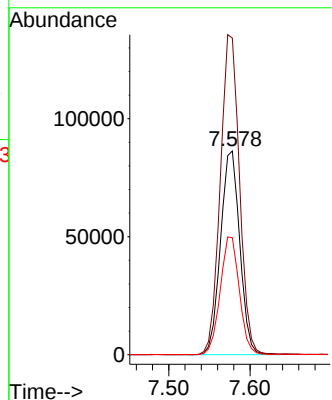
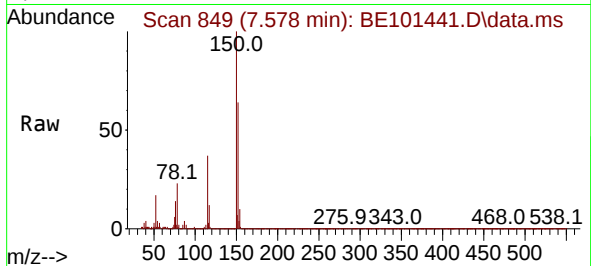




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.578 min Scan# 848
Delta R.T. 0.008 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

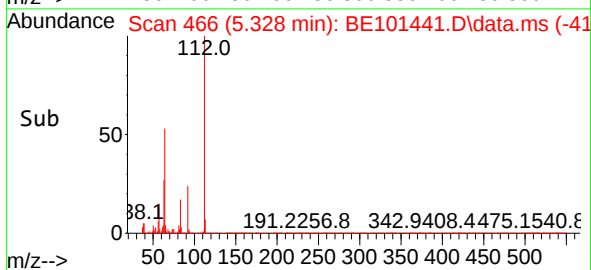
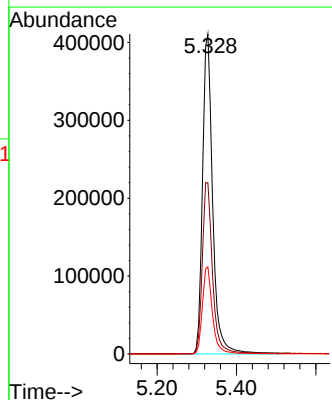
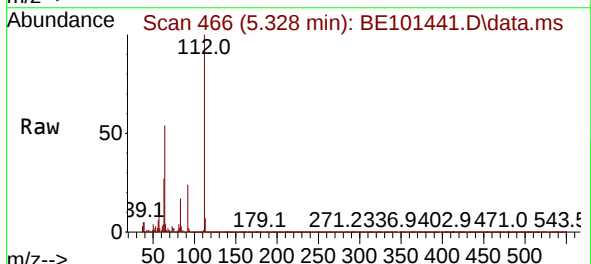
Instrument :
BNA_E
ClientSampleId :
HR-01-102924

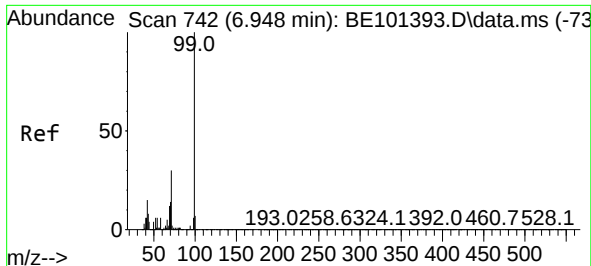
Tgt Ion:152 Resp: 142088
Ion Ratio Lower Upper
152 100
150 155.4 124.2 186.4
115 57.4 45.3 67.9



#5
2-Fluorophenol
Concen: 89.913 ng
RT: 5.328 min Scan# 466
Delta R.T. 0.008 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

Tgt Ion:112 Resp: 728918
Ion Ratio Lower Upper
112 100
64 53.5 43.7 65.5
63 27.2 21.4 32.2

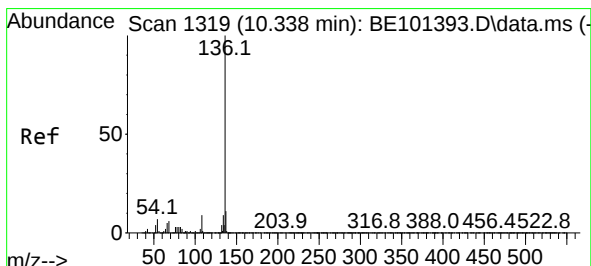
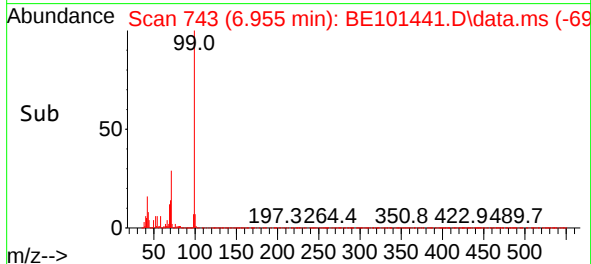
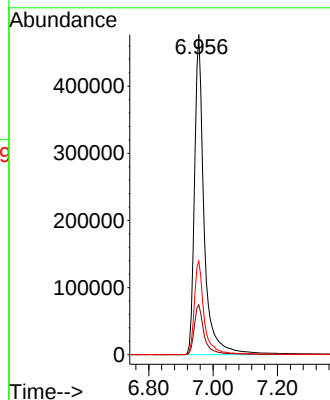
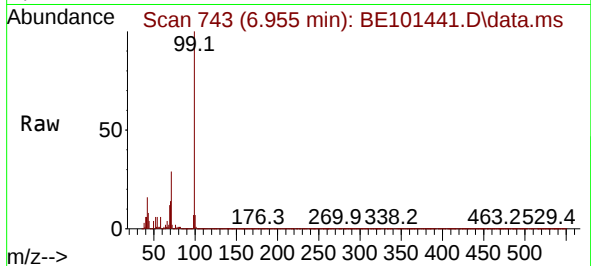




#7
Phenol-d6
Concen: 88.324 ng
RT: 6.955 min Scan# 742
Delta R.T. 0.008 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

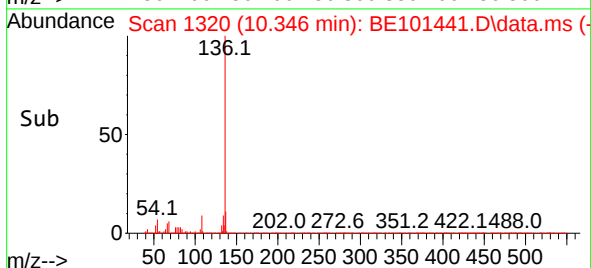
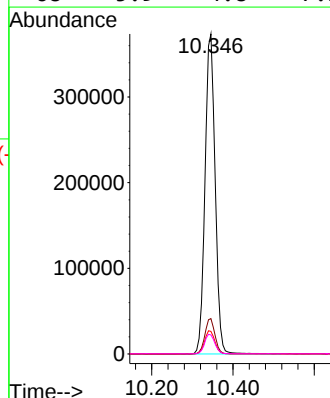
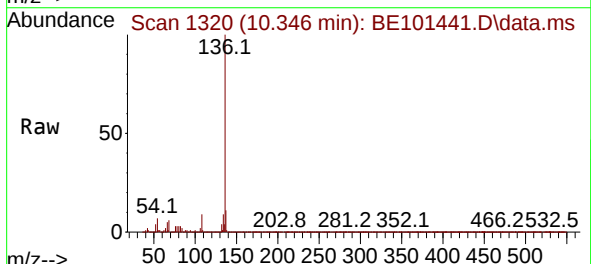
Instrument :
BNA_E
ClientSampleId :
HR-01-102924

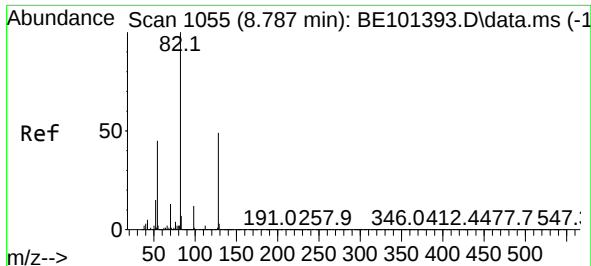
Tgt Ion: 99 Resp: 992864
Ion Ratio Lower Upper
99 100
42 15.6 12.3 18.5
71 29.3 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.346 min Scan# 1320
Delta R.T. 0.008 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

Tgt Ion: 136 Resp: 645270
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.1 5.9 8.9
68 5.9 4.8 7.2

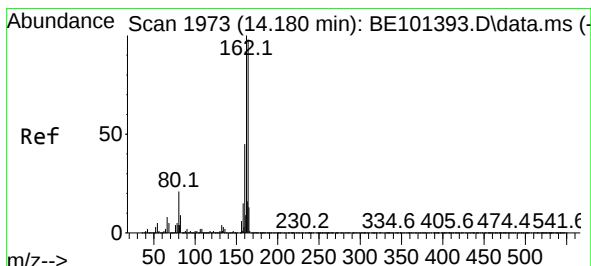
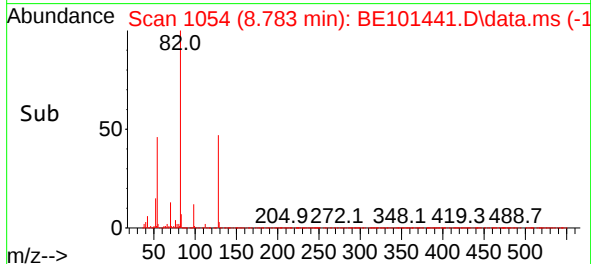
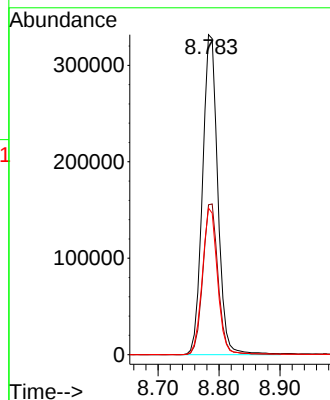
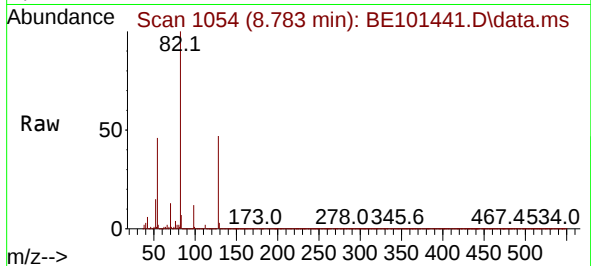




#23
Nitrobenzene-d5
Concen: 56.368 ng
RT: 8.783 min Scan# 1054
Delta R.T. -0.004 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

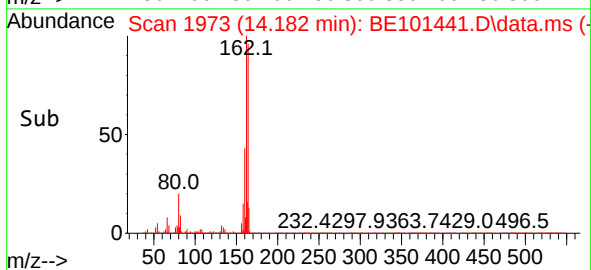
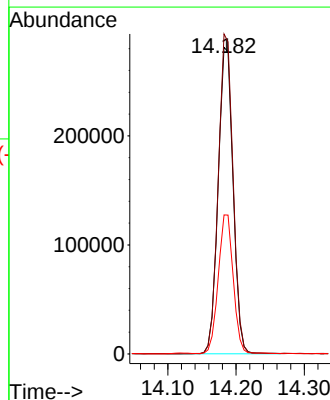
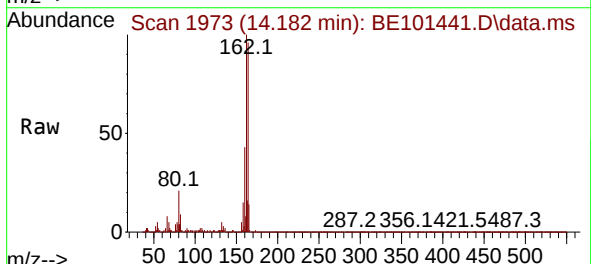
Instrument :
BNA_E
ClientSampleId :
HR-01-102924

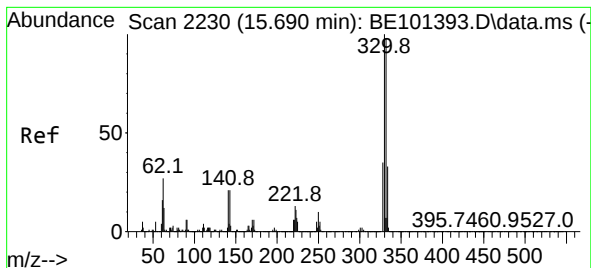
Tgt Ion: 82 Resp: 579101
Ion Ratio Lower Upper
82 100
128 46.9 38.9 58.3
54 45.8 36.2 54.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.182 min Scan# 1973
Delta R.T. 0.002 min
Lab File: BE101441.D
Acq: 31 Oct 2024 20:00

Tgt Ion: 164 Resp: 428788
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 45.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 87.471 ng

RT: 15.692 min Scan# 21

Delta R.T. 0.002 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

Instrument :

BNA_E

ClientSampleId :

HR-01-102924

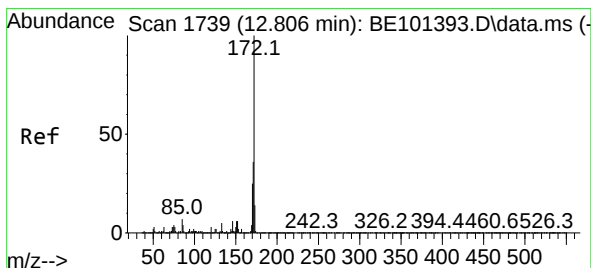
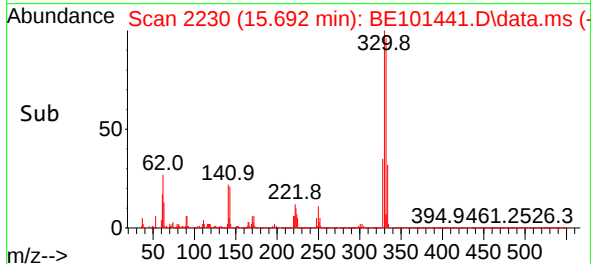
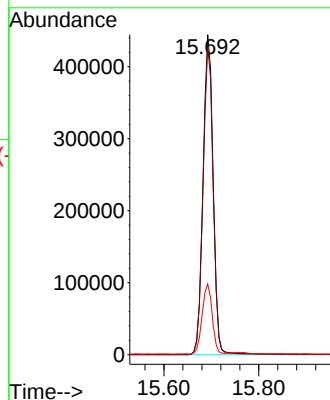
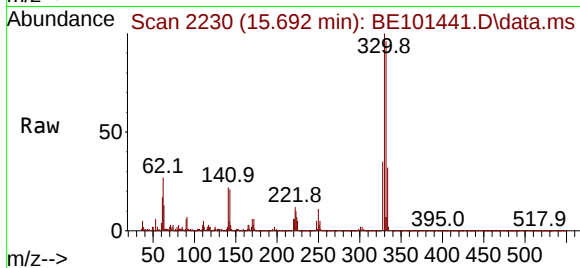
Tgt Ion:330 Resp: 657371

Ion Ratio Lower Upper

330 100

332 96.5 78.2 117.2

141 21.6 18.3 27.5



#45

2-Fluorobiphenyl

Concen: 62.137 ng

RT: 12.807 min Scan# 1739

Delta R.T. 0.002 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

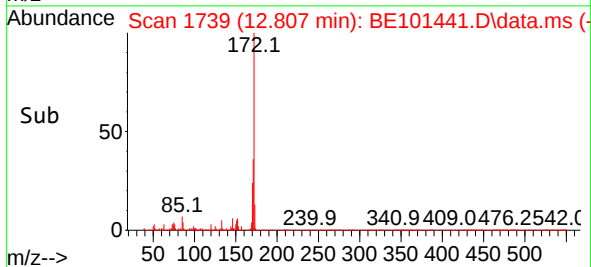
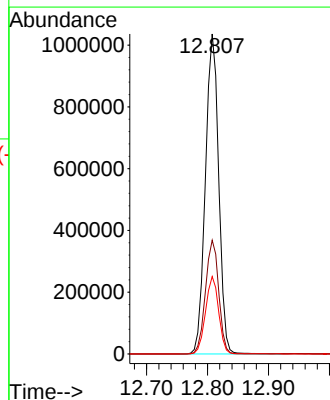
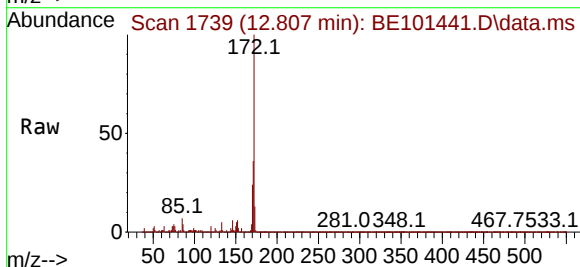
Tgt Ion:172 Resp: 1573240

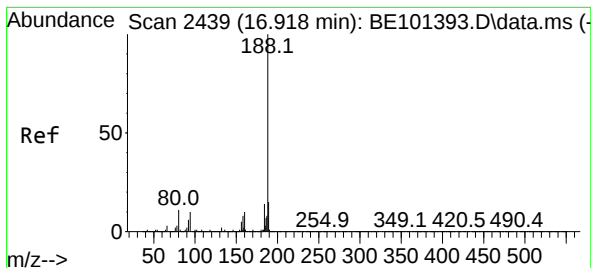
Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 24.2 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.920 min Scan# 2439

Delta R.T. 0.002 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

Instrument :

BNA_E

ClientSampleId :

HR-01-102924

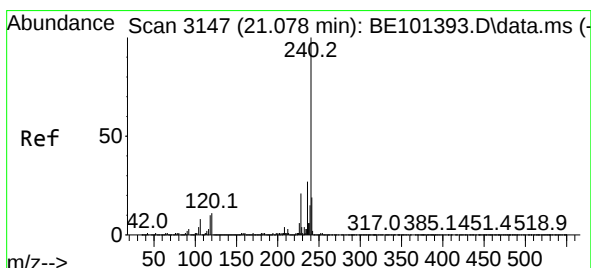
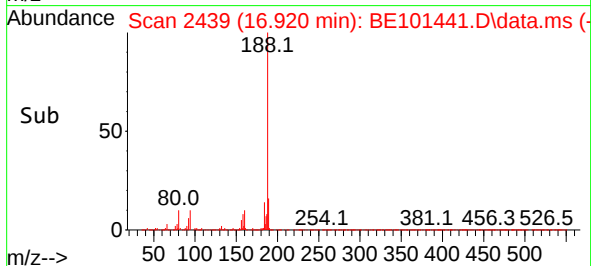
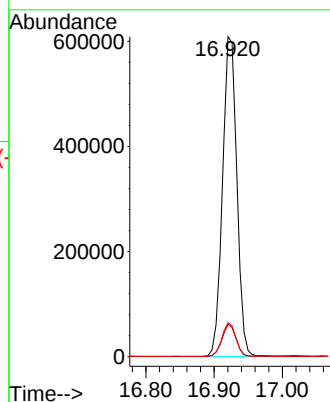
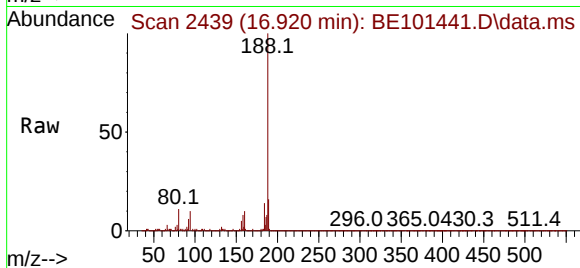
Tgt Ion:188 Resp: 888759

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.8

80 10.6 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.086 min Scan# 3148

Delta R.T. 0.008 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

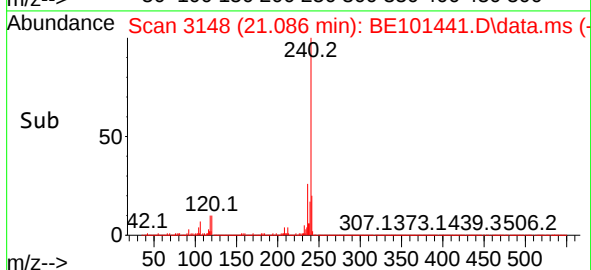
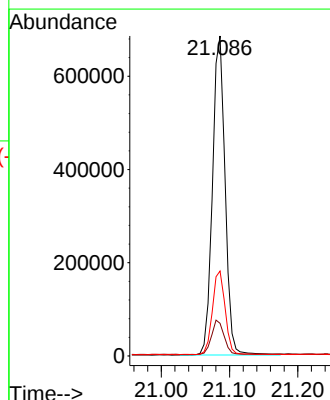
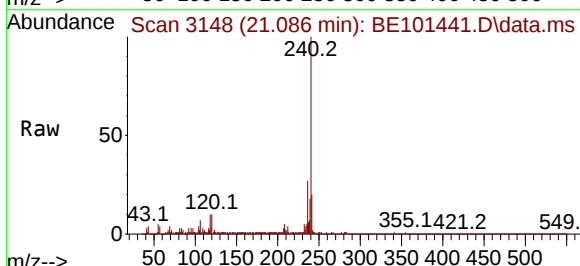
Tgt Ion:240 Resp: 883114

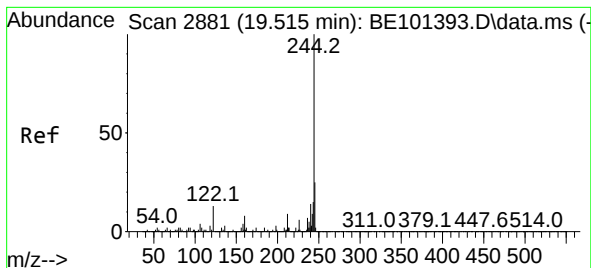
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 69.833 ng

RT: 19.517 min Scan# 21

Delta R.T. 0.002 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

Instrument :

BNA_E

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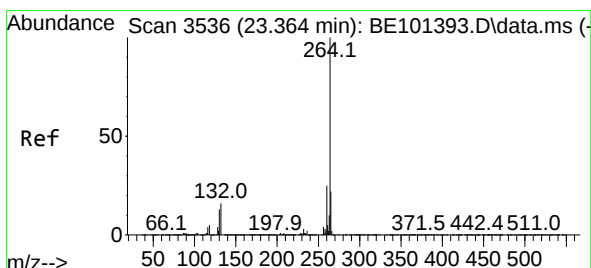
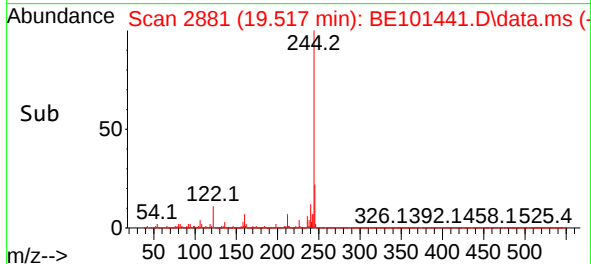
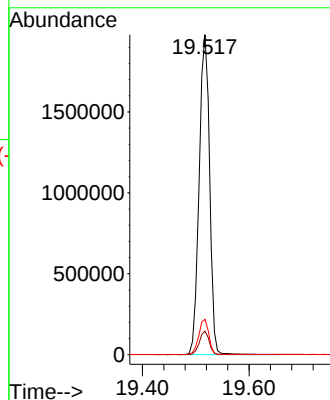
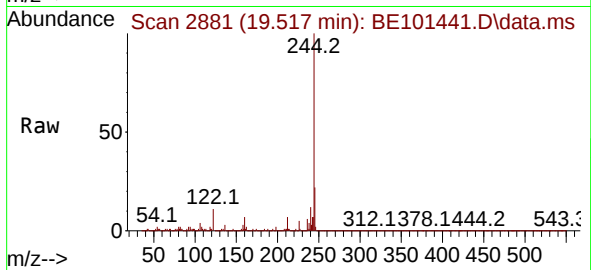
Tgt Ion:244 Resp: 2679523

Ion Ratio Lower Upper

244 100

212 7.4 7.2 10.8

122 11.1 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.383 min Scan# 3539

Delta R.T. 0.020 min

Lab File: BE101441.D

Acq: 31 Oct 2024 20:00

Tgt Ion:264 Resp: 1141196

Ion Ratio Lower Upper

264 100

260 25.4 19.8 29.8

265 23.0 17.6 26.4

