

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101356.D
Acq On : 18 Sep 2024 10:18
Operator : RC/JU
Sample : PB163109BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Quant Time: Sep 18 10:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

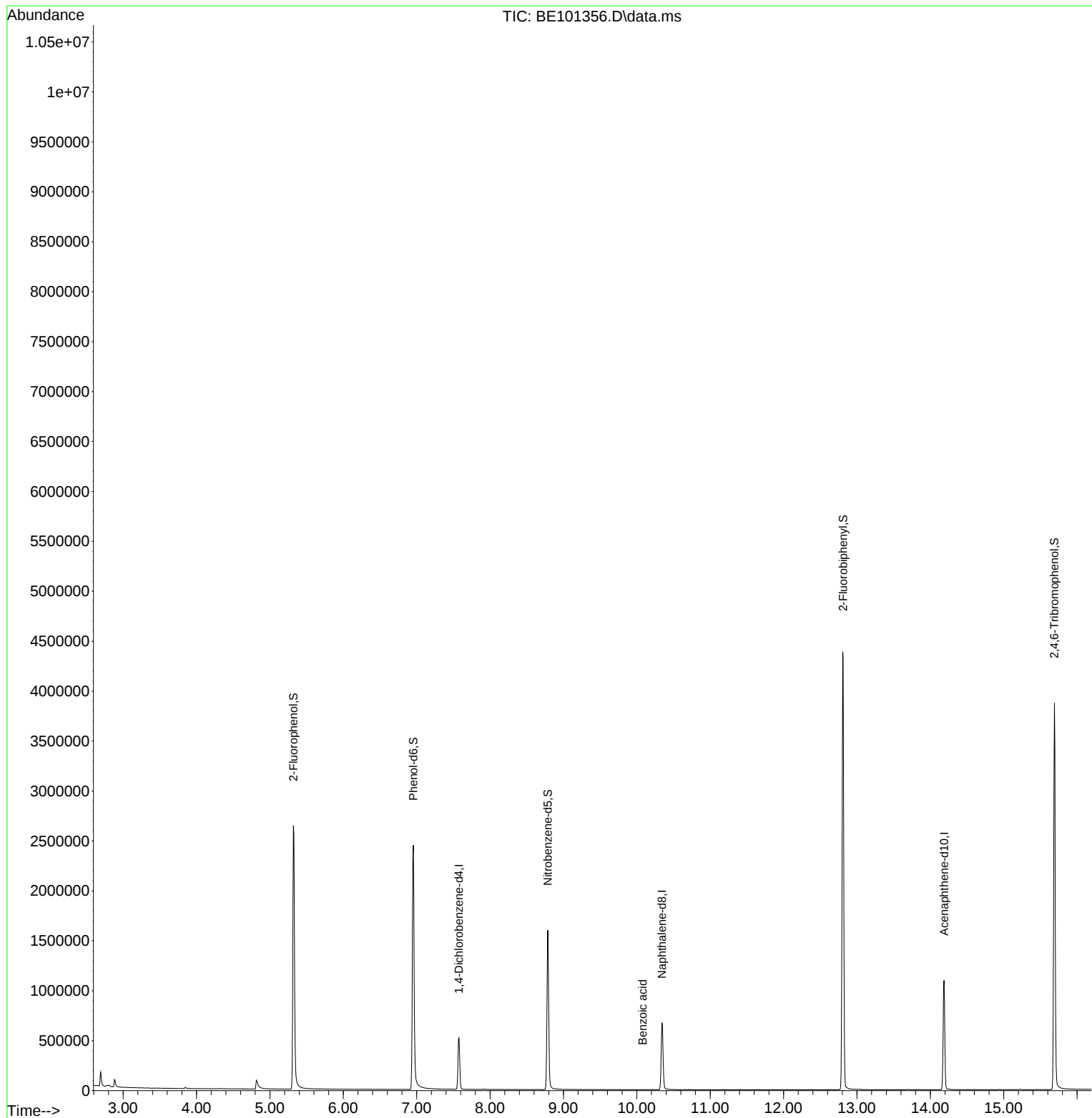
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	149016	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	621553	20.000	ng	0.00
39) Acenaphthene-d10	14.187	164	398373	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	920959	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1163723	20.000	ng	0.00
86) Perylene-d12	23.376	264	1662666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1331803	156.264	ng	0.00
7) Phenol-d6	6.954	99	1657655	137.200	ng	0.00
23) Nitrobenzene-d5	8.787	82	932844	95.150	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	895188	133.601	ng	0.00
45) 2-Fluorobiphenyl	12.812	172	2347907	101.848	ng	0.00
79) Terphenyl-d14	19.516	244	4270939	81.377	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.080	122	39	7.348	ng	87

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

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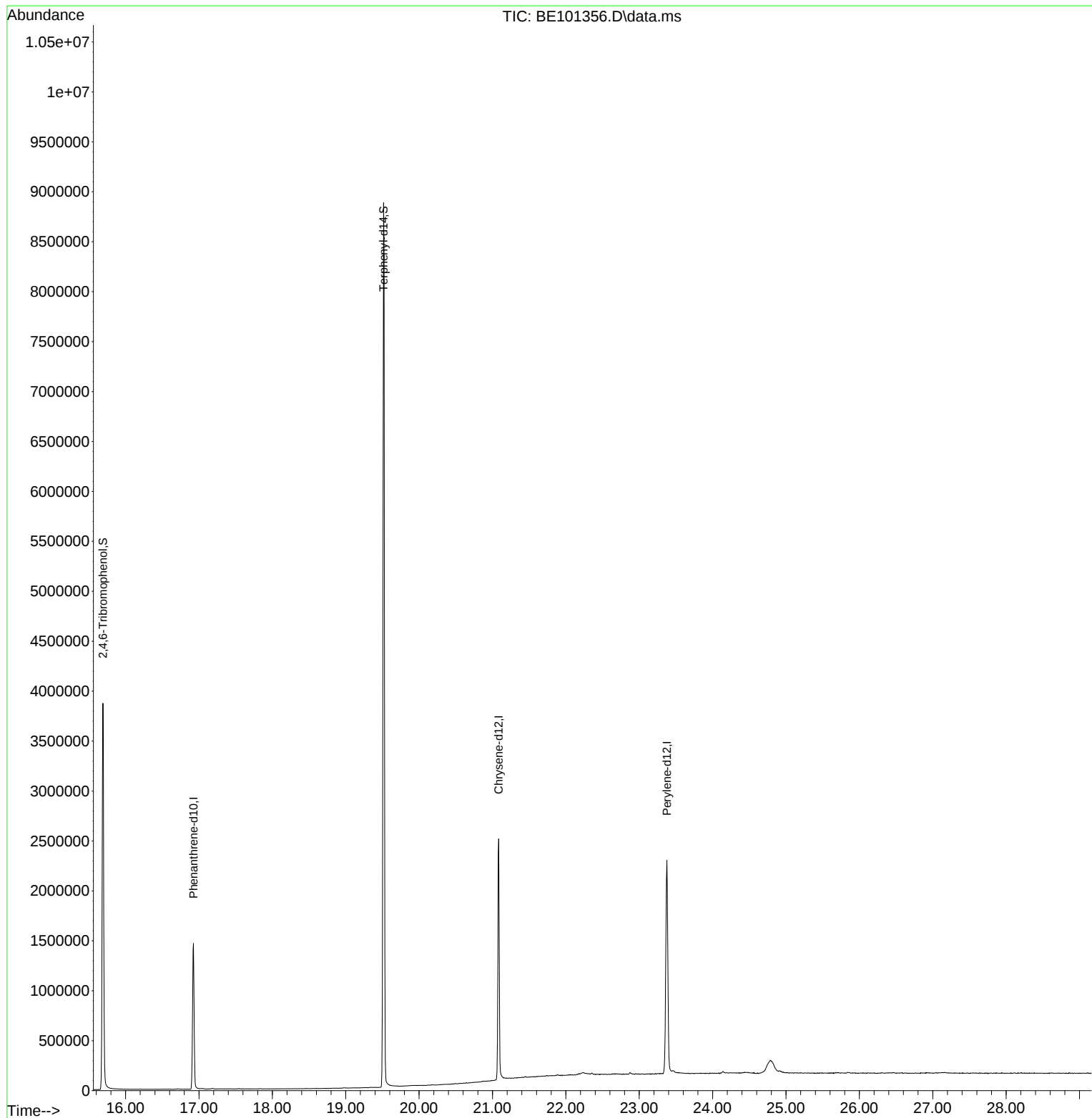
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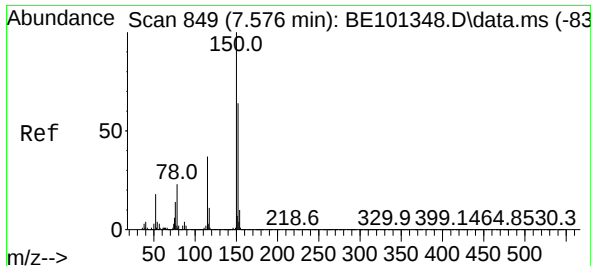


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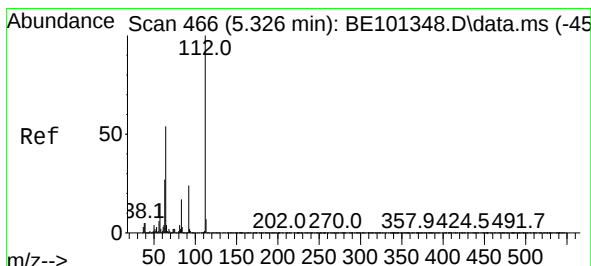
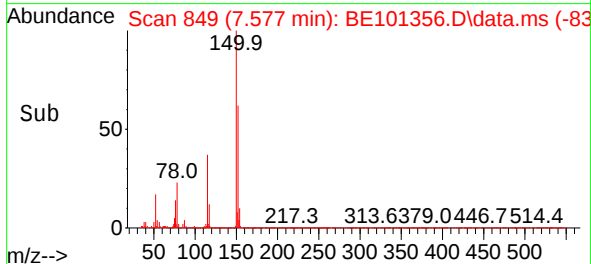
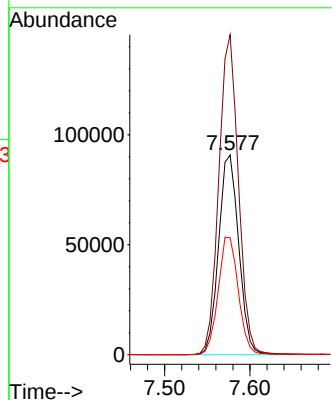
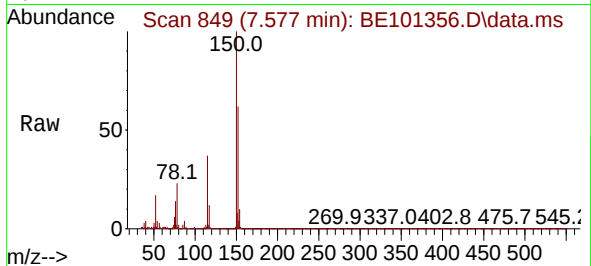




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.577 min Scan# 849
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

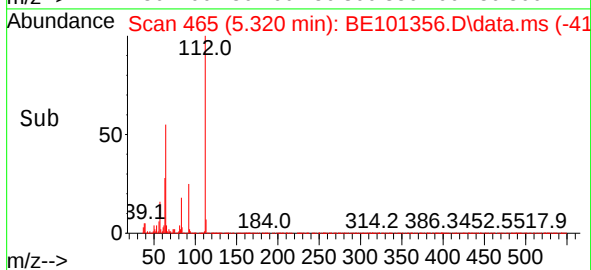
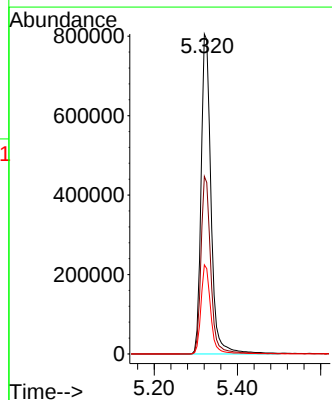
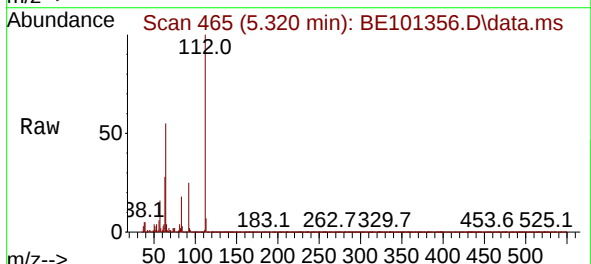
Instrument :
BNA_E
ClientSampleId :
PB163109BL

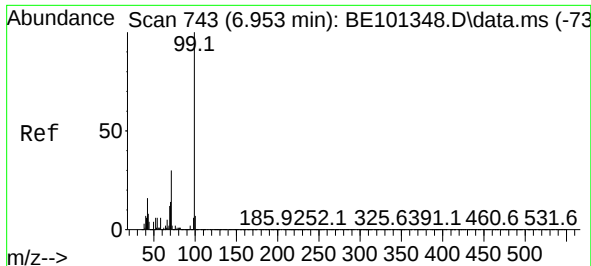
Tgt Ion:152 Resp: 149016
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 58.6 46.9 70.3



#5
2-Fluorophenol
Concen: 156.264 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.005 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:112 Resp: 1331803
Ion Ratio Lower Upper
112 100
64 55.5 42.8 64.2
63 27.9 21.3 31.9

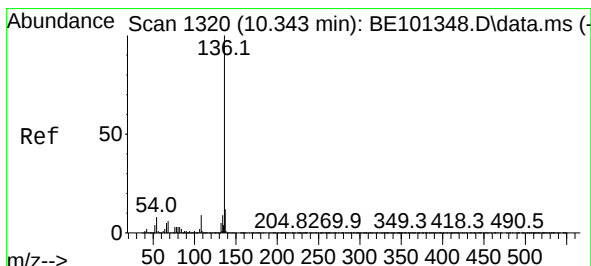
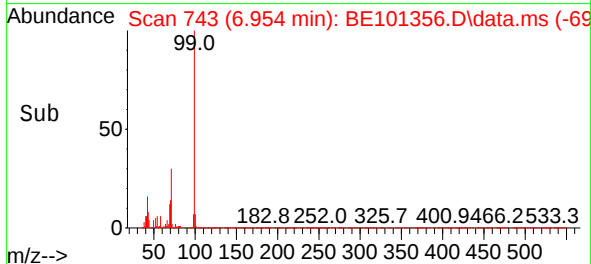
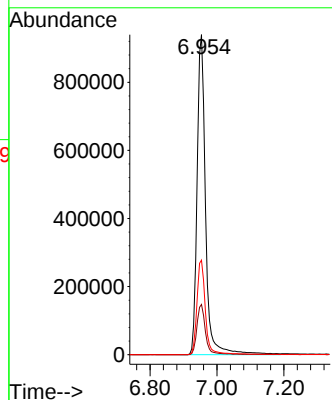
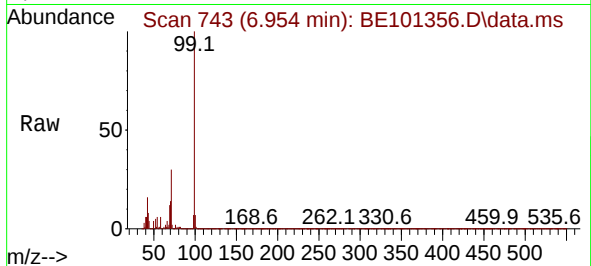




#7
Phenol-d6
Concen: 137.200 ng
RT: 6.954 min Scan# 743
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

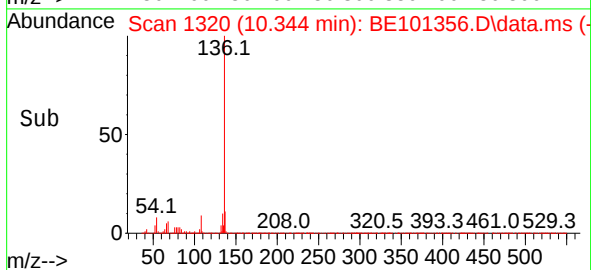
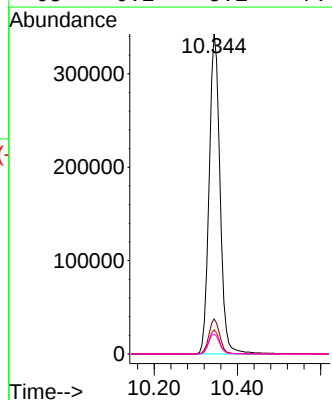
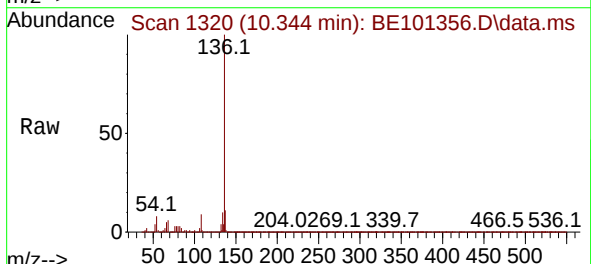
Instrument :
BNA_E
ClientSampleId :
PB163109BL

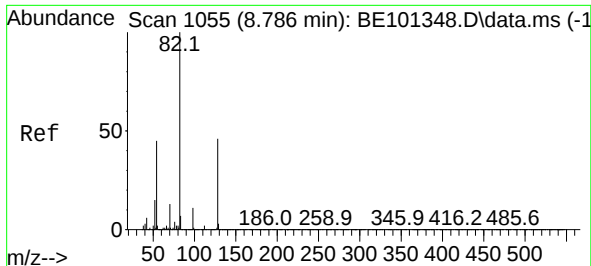
Tgt Ion: 99 Resp: 1657655
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 29.5 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion: 136 Resp: 621553
Ion Ratio Lower Upper
136 100
137 11.0 9.3 13.9
54 7.5 6.1 9.1
68 6.2 5.1 7.7





#23

Nitrobenzene-d5

Concen: 95.150 ng

RT: 8.787 min Scan# 1

Delta R.T. 0.001 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

Instrument :

BNA_E

ClientSampleId :

PB163109BL

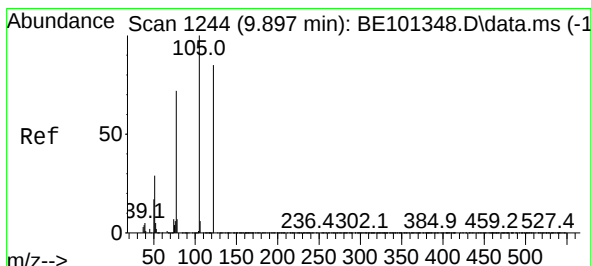
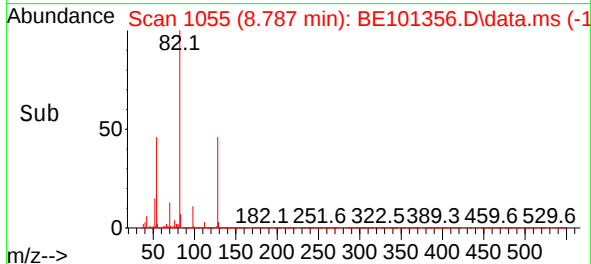
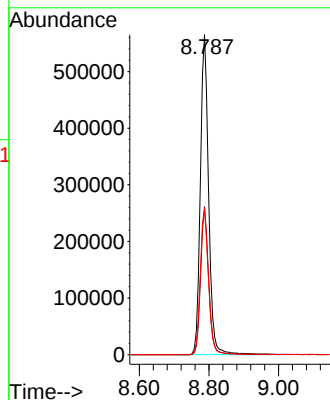
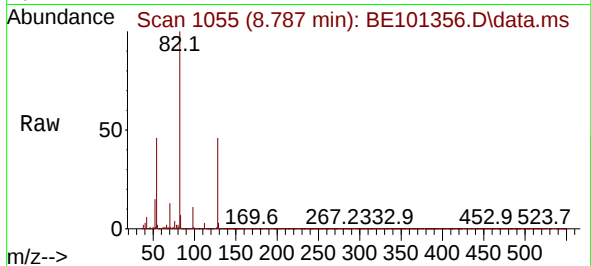
Tgt Ion: 82 Resp: 932844

Ion Ratio Lower Upper

82 100

128 46.2 36.8 55.2

54 45.7 36.2 54.4



#32

Benzoic acid

Concen: 7.348 ng

RT: 10.080 min Scan# 1275

Delta R.T. 0.183 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

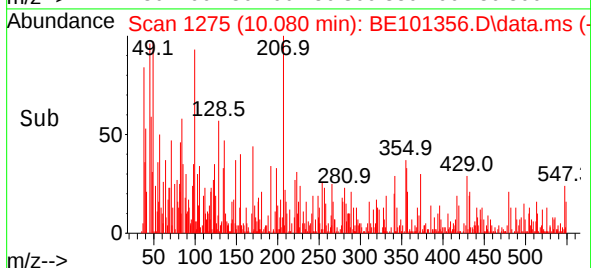
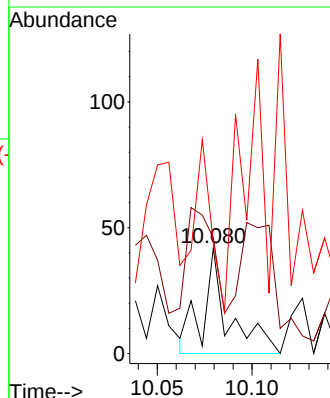
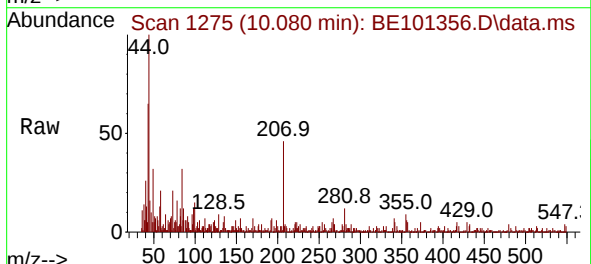
Tgt Ion:122 Resp: 39

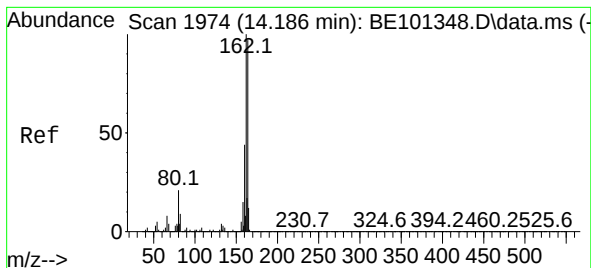
Ion Ratio Lower Upper

122 100

105 109.5 96.7 136.7

77 104.8 64.8 104.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.187 min Scan# 1974

Delta R.T. 0.001 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

Instrument :

BNA_E

ClientSampleId :

PB163109BL

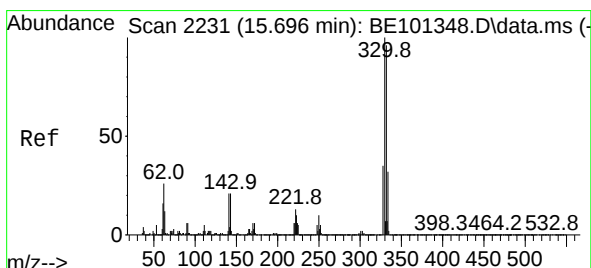
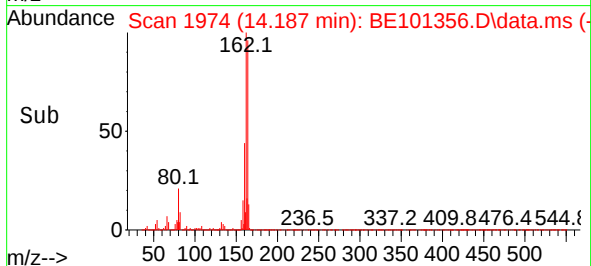
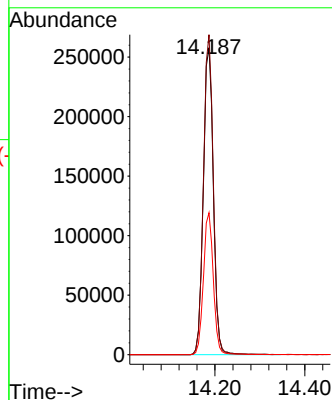
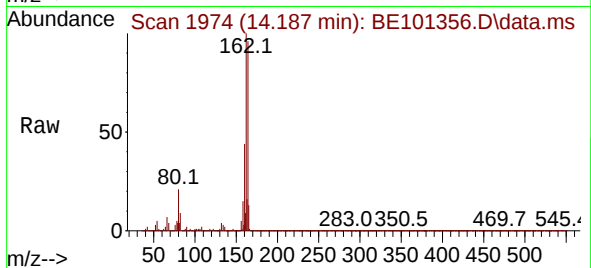
Tgt Ion:164 Resp: 398373

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

160 46.2 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 133.601 ng

RT: 15.691 min Scan# 2230

Delta R.T. -0.005 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

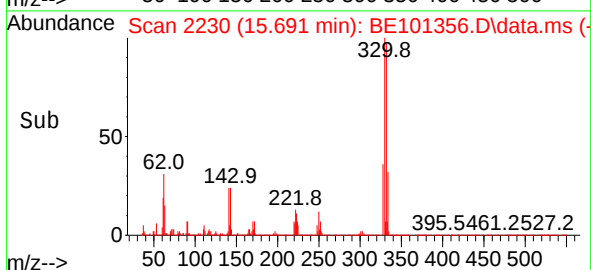
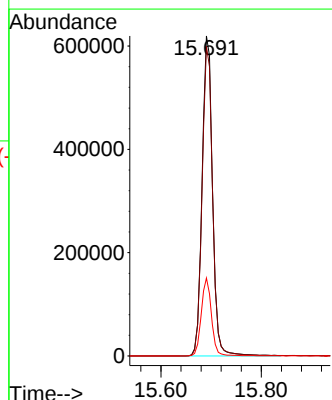
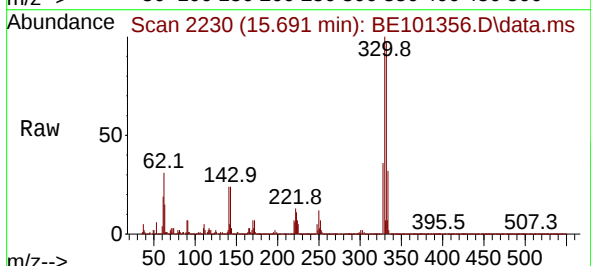
Tgt Ion:330 Resp: 895188

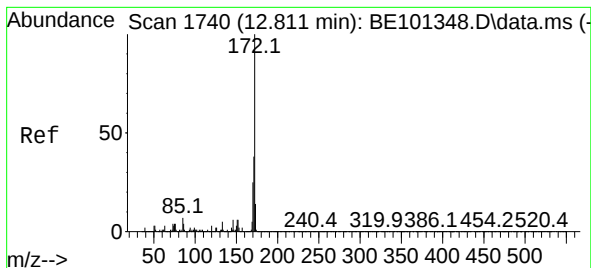
Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

141 23.8 19.1 28.7

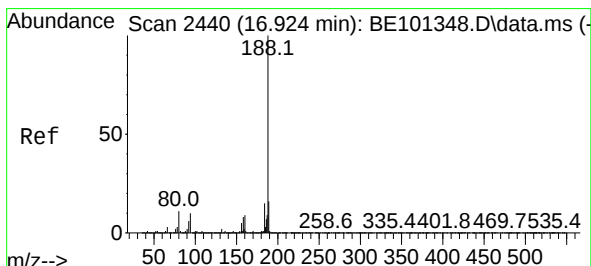
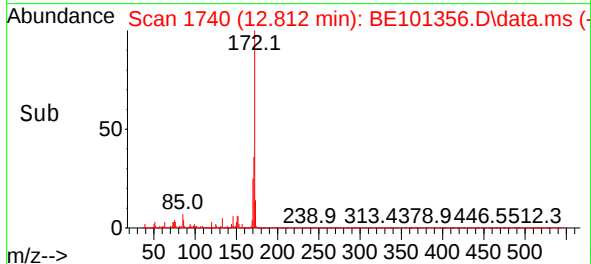
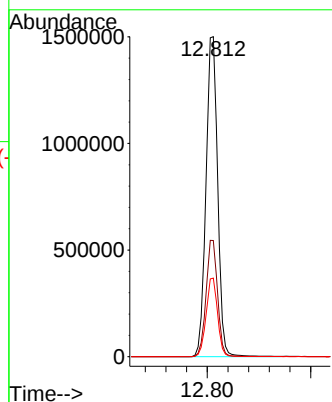
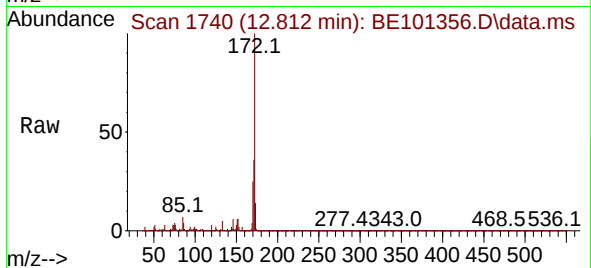




#45
2-Fluorobiphenyl
Concen: 101.848 ng
RT: 12.812 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

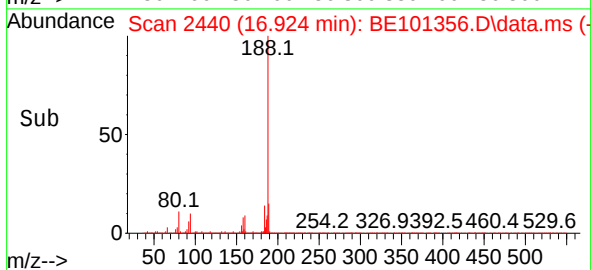
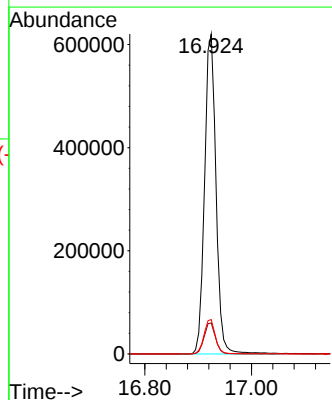
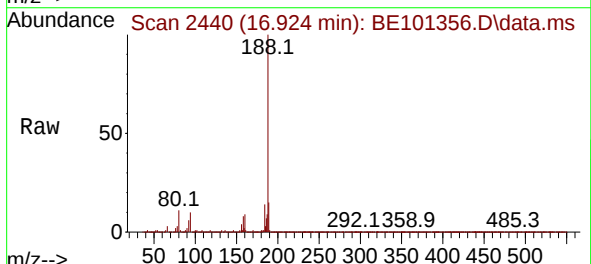
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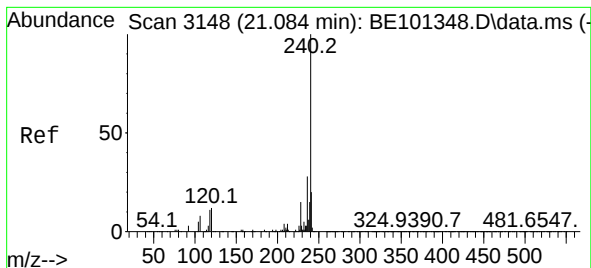
Tgt Ion:172 Resp: 2347907
Ion Ratio Lower Upper
172 100
171 36.3 30.2 45.2
170 24.6 20.2 30.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.924 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:188 Resp: 920959
Ion Ratio Lower Upper
188 100
94 9.7 8.2 12.2
80 10.7 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.084 min Scan# 3148

Delta R.T. 0.001 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

Instrument :

BNA_E

ClientSampleId :

PB163109BL

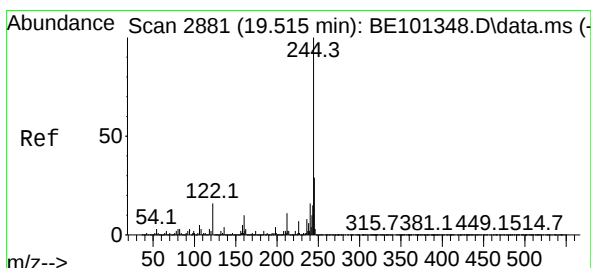
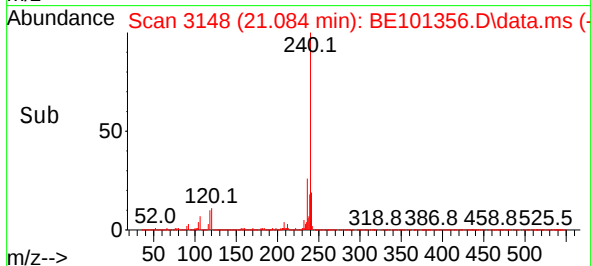
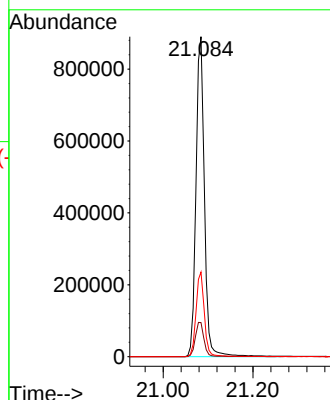
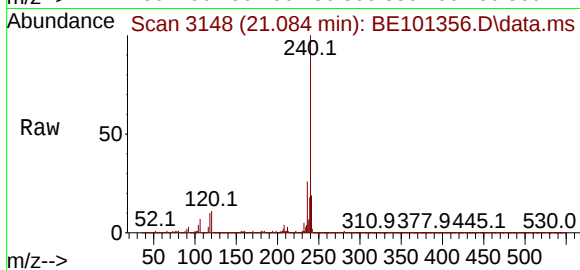
Tgt Ion:240 Resp: 1163723

Ion Ratio Lower Upper

240 100

120 10.6 9.8 14.8

236 26.4 22.1 33.1



#79

Terphenyl-d14

Concen: 81.377 ng

RT: 19.516 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BE101356.D

Acq: 18 Sep 2024 10:18

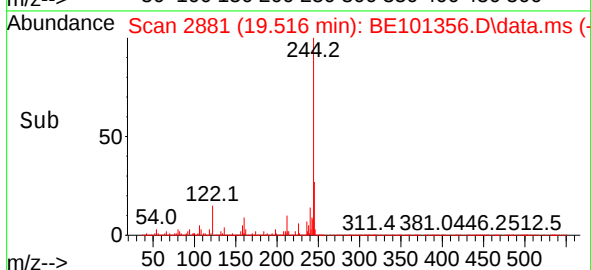
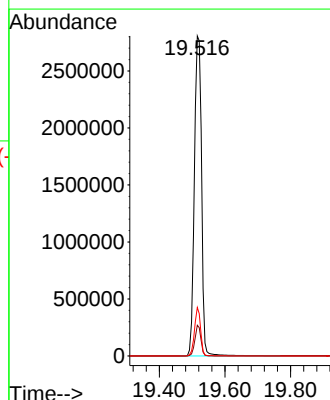
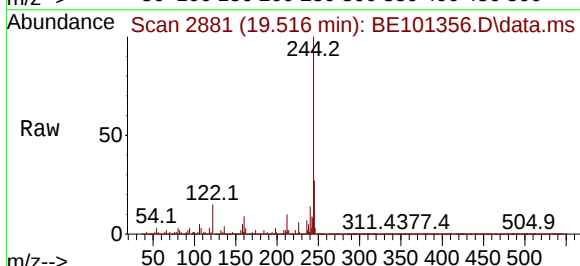
Tgt Ion:244 Resp: 4270939

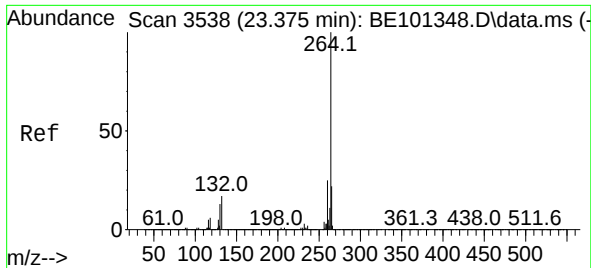
Ion Ratio Lower Upper

244 100

212 9.6 8.5 12.7

122 15.1 13.1 19.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.376 min Scan# 3538

Delta R.T. 0.001 min

Lab File: BE101356.D

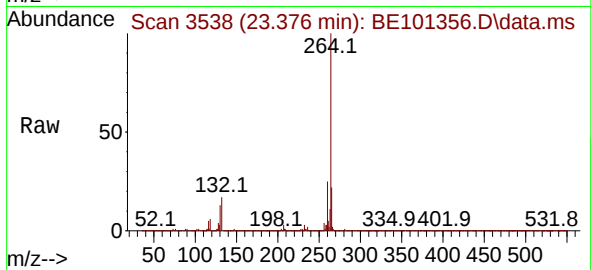
Acq: 18 Sep 2024 10:18

Instrument :

BNA_E

ClientSampleId :

PB163109BL



Tgt Ion:264 Resp: 1662666

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

265 21.9 17.8 26.6

