

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
Data File : BE101376.D
Acq On : 19 Sep 2024 13:16
Operator : RC/JU
Sample : PB163139BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 19 13:51:54 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

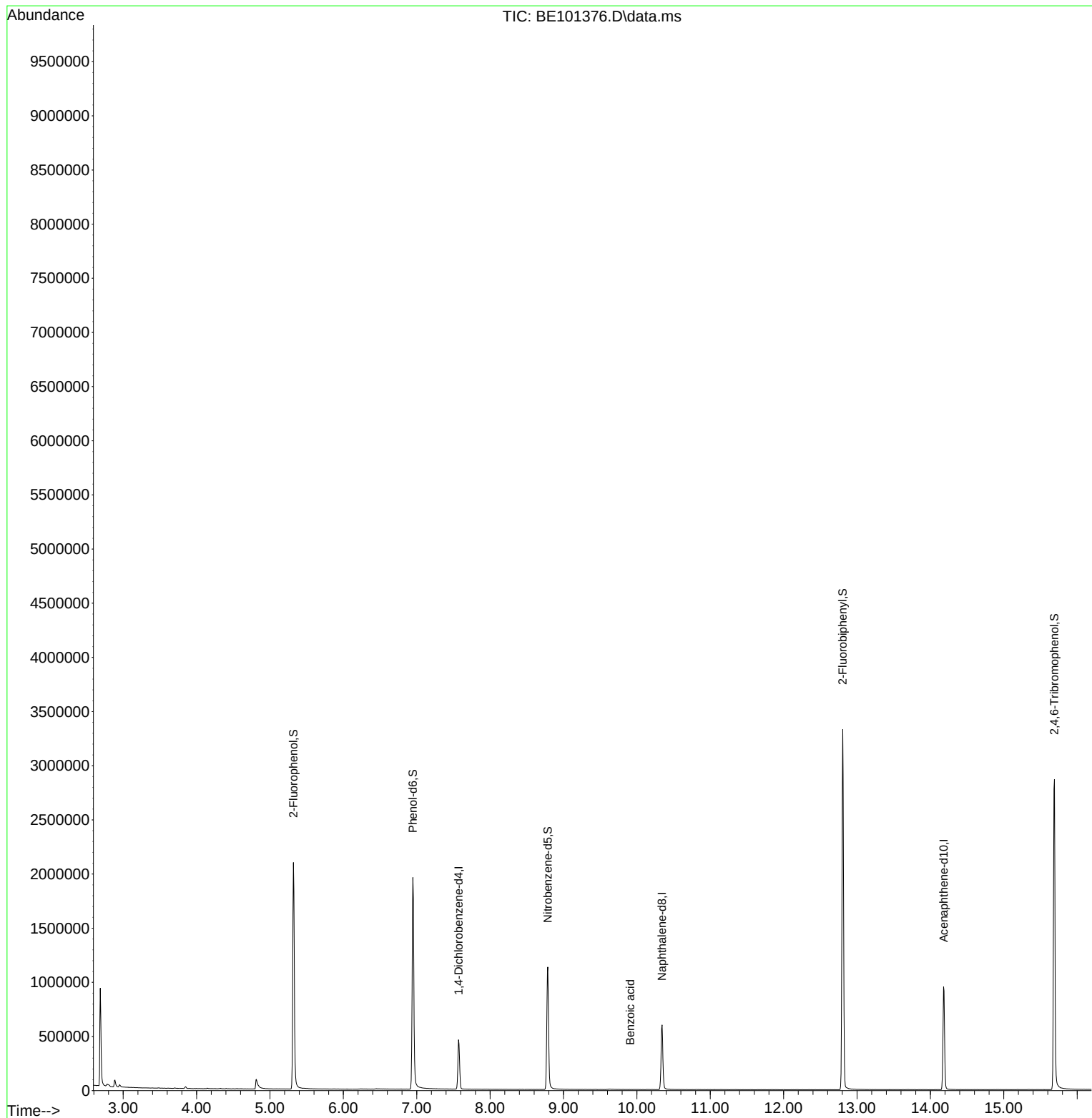
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	128093	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	533234	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	336195	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	812706	20.000	ng	0.00
76) Chrysene-d12	21.078	240	1139442	20.000	ng	0.00
86) Perylene-d12	23.370	264	1532871	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	985096	134.464	ng	0.00
7) Phenol-d6	6.948	99	1234393	118.856	ng	0.00
23) Nitrobenzene-d5	8.787	82	703092	83.593	ng	0.00
42) 2,4,6-Tribromophenol	15.690	330	670737	118.616	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	1757899	90.357	ng	0.00
79) Terphenyl-d14	19.515	244	3797189	73.892	ng	0.00
Target Compounds						
32) Benzoic acid	9.909	122	13	7.345	ng	Qvalue # 60

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

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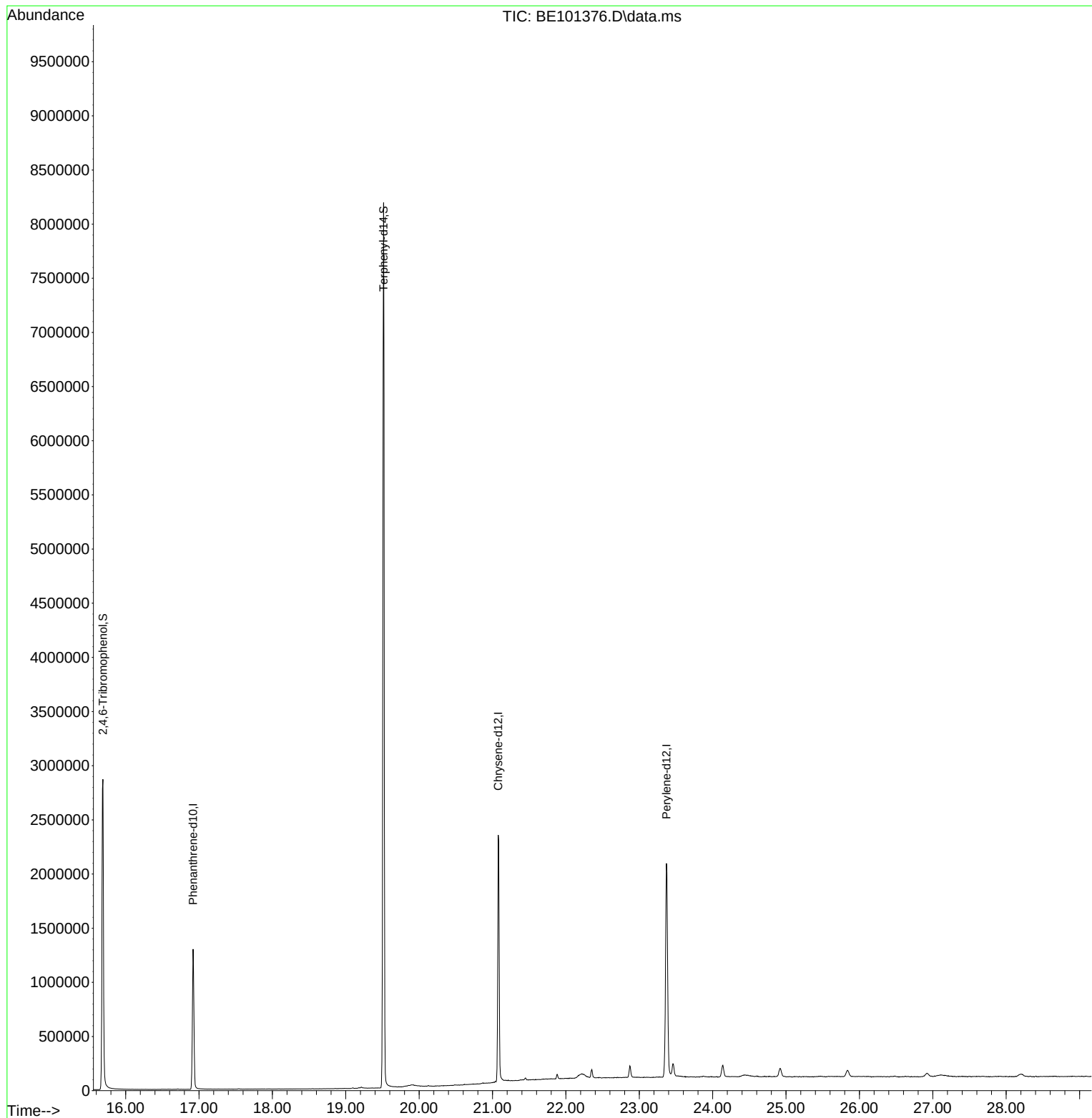
Quant Time: Sep 19 13:51:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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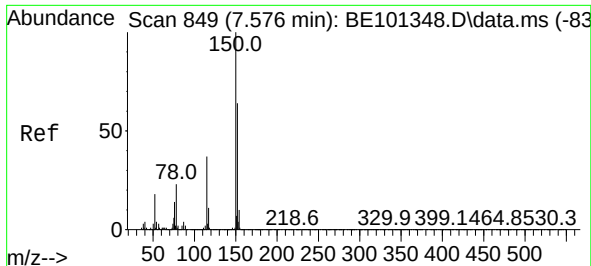


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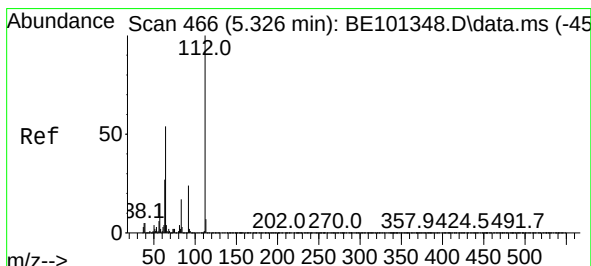
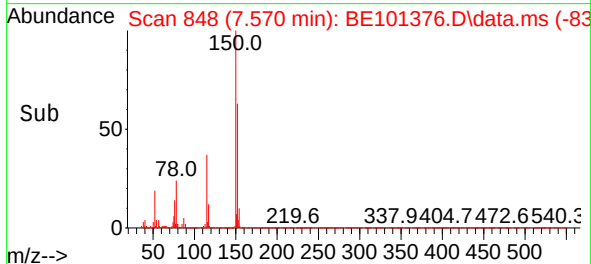
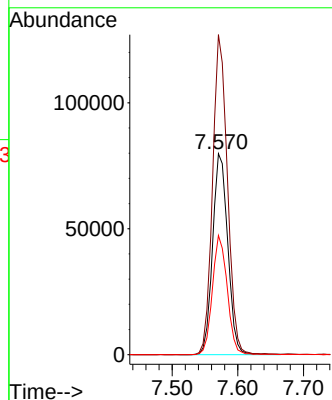
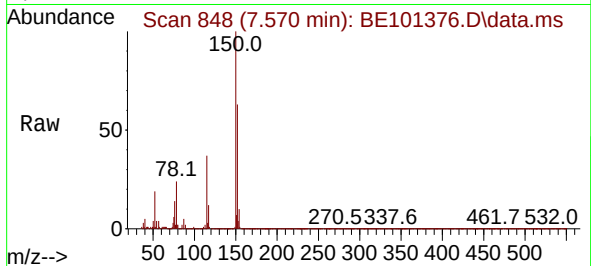




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 849
Delta R.T. -0.006 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

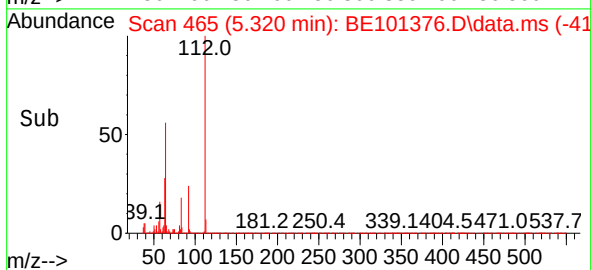
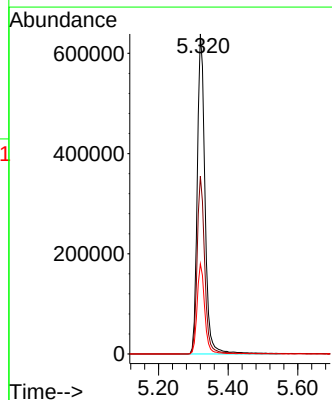
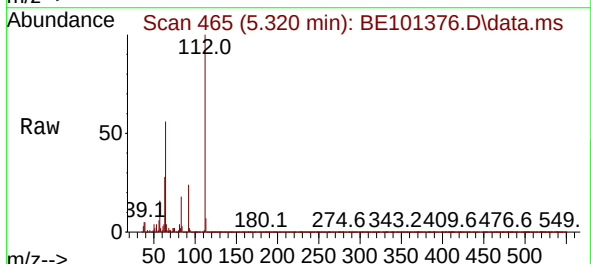
Instrument :
BNA_E
ClientSampleId :

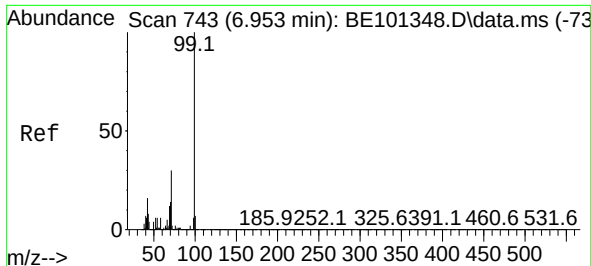
Tgt Ion:152 Resp: 128093
Ion Ratio Lower Upper
152 100
150 159.3 125.9 188.9
115 59.4 46.9 70.3



#5
2-Fluorophenol
Concen: 134.464 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.005 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

Tgt Ion:112 Resp: 985096
Ion Ratio Lower Upper
112 100
64 55.5 42.8 64.2
63 28.1 21.3 31.9

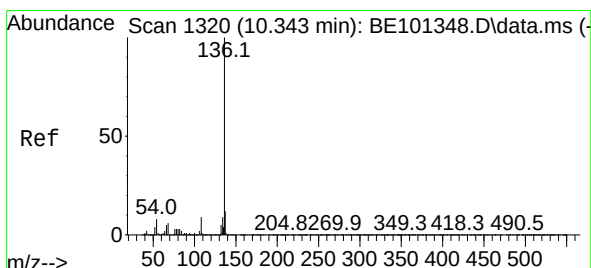
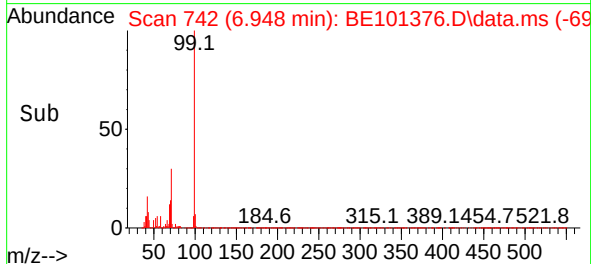
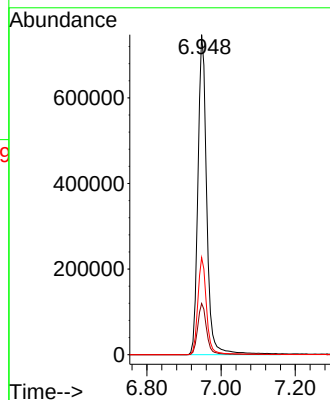
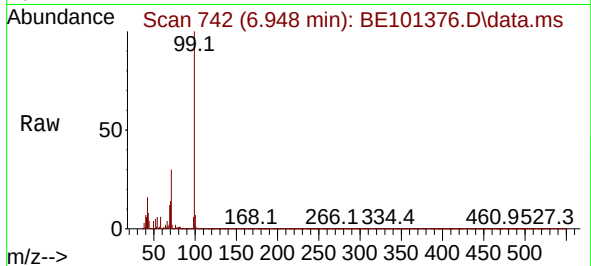




#7
Phenol-d6
Concen: 118.856 ng
RT: 6.948 min Scan# 743
Delta R.T. -0.005 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

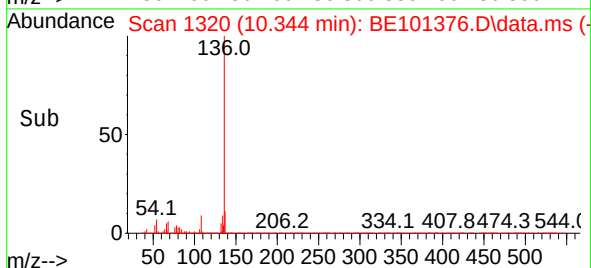
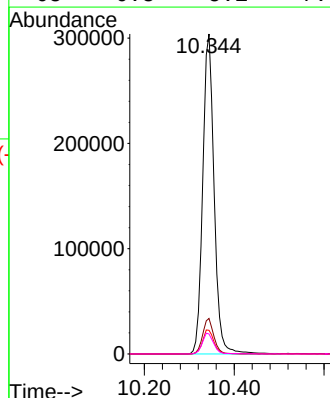
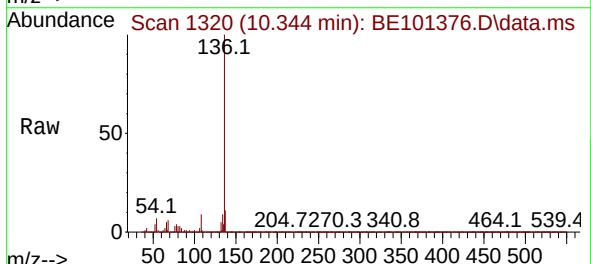
Instrument :
BNA_E
ClientSampleId :

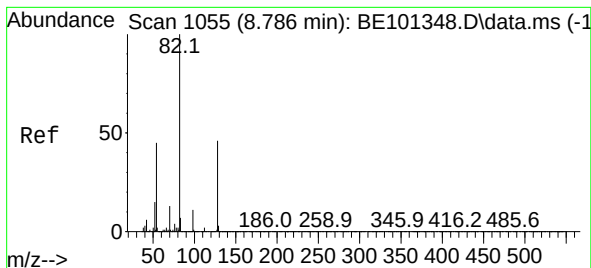
Tgt Ion: 99 Resp: 1234393
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 30.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

Tgt Ion: 136 Resp: 533234
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 7.4 6.1 9.1
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 83.593 ng

RT: 8.787 min Scan# 1

Delta R.T. 0.000 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

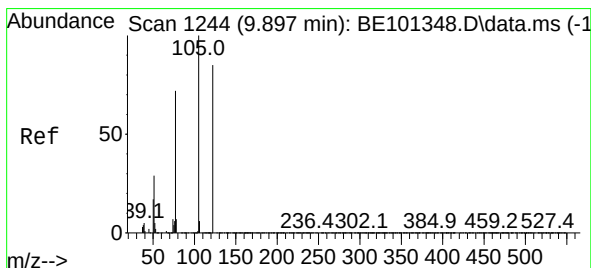
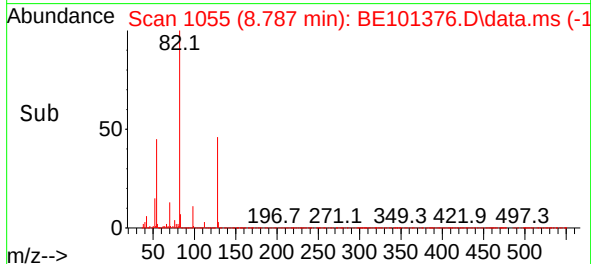
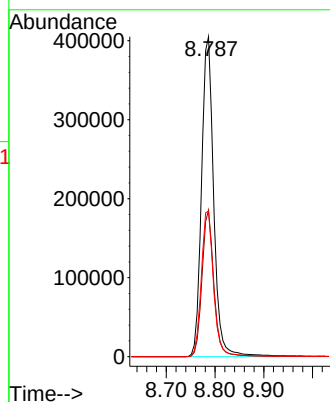
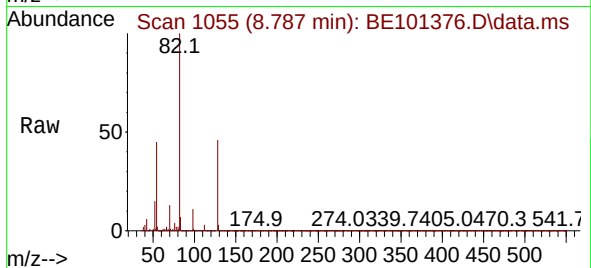
Tgt Ion: 82 Resp: 703092

Ion Ratio Lower Upper

82 100

128 45.8 36.8 55.2

54 45.5 36.2 54.4



#32

Benzoic acid

Concen: 7.345 ng

RT: 9.909 min Scan# 1246

Delta R.T. 0.012 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

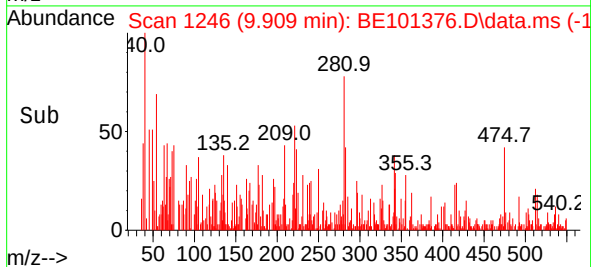
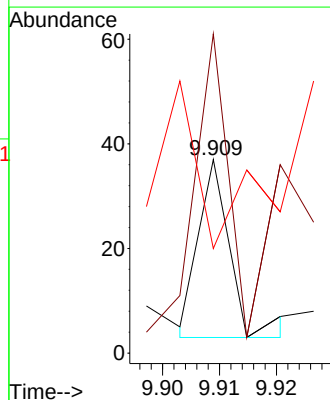
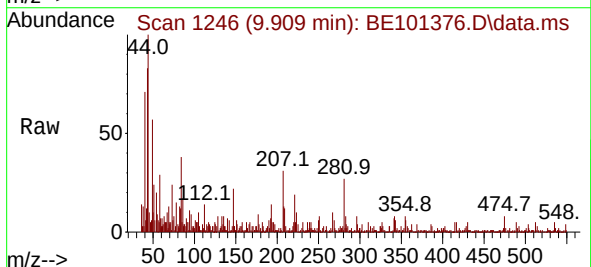
Tgt Ion:122 Resp: 13

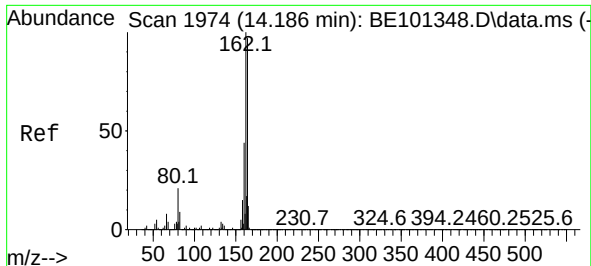
Ion Ratio Lower Upper

122 100

105 164.9 96.7 136.7#

77 54.1 64.8 104.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.180 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

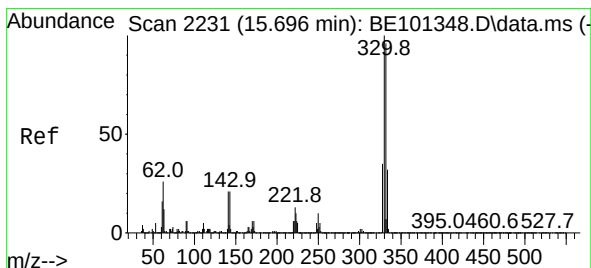
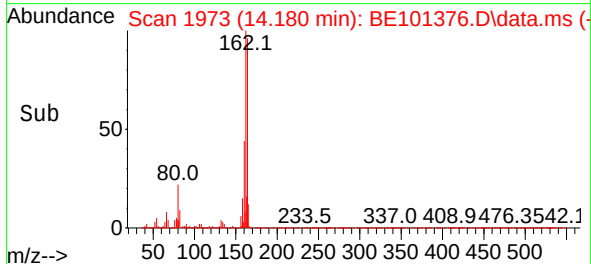
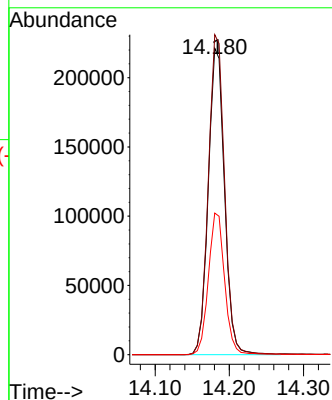
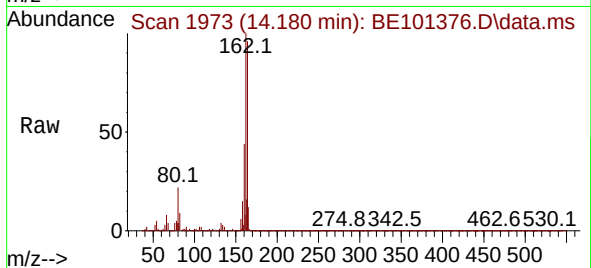
Tgt Ion:164 Resp: 336195

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

160 46.2 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 118.616 ng

RT: 15.690 min Scan# 2230

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

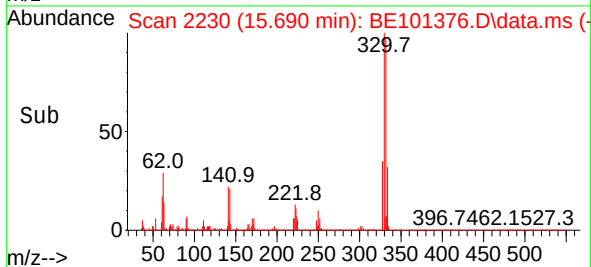
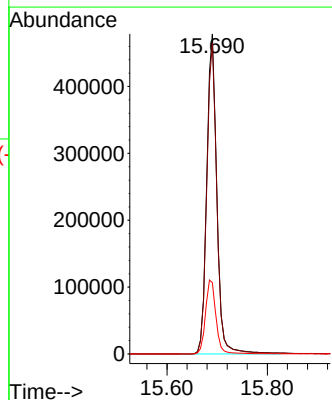
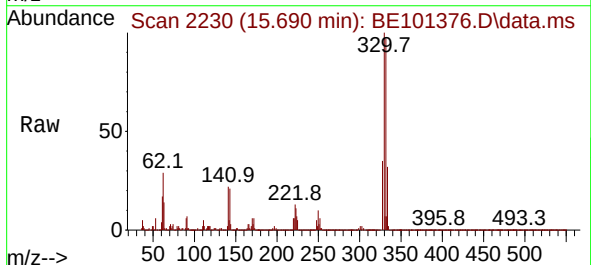
Tgt Ion:330 Resp: 670737

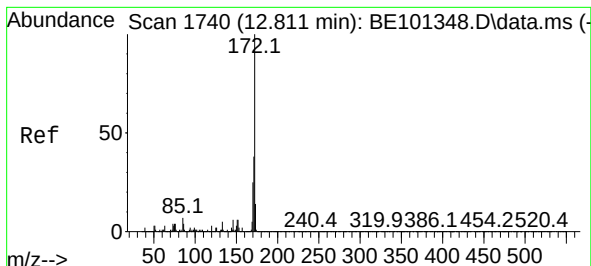
Ion Ratio Lower Upper

330 100

332 97.4 77.8 116.8

141 24.0 19.1 28.7





#45

2-Fluorobiphenyl

Concen: 90.357 ng

RT: 12.806 min Scan# 1

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

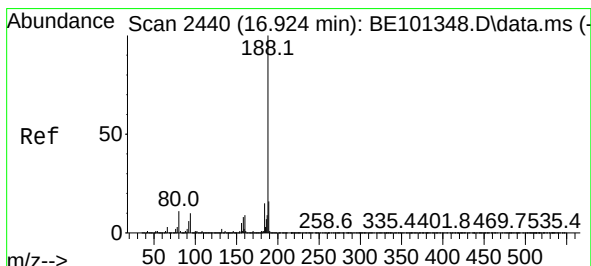
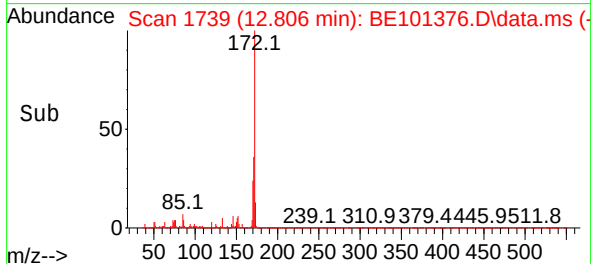
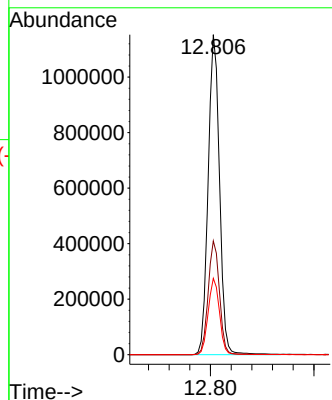
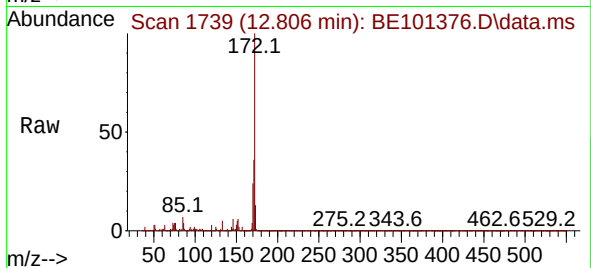
Tgt Ion:172 Resp: 1757899

Ion Ratio Lower Upper

172 100

171 35.6 30.2 45.2

170 23.9 20.2 30.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.918 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

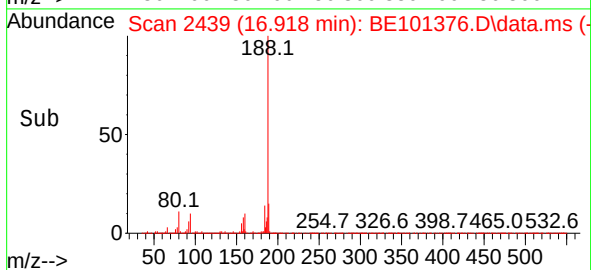
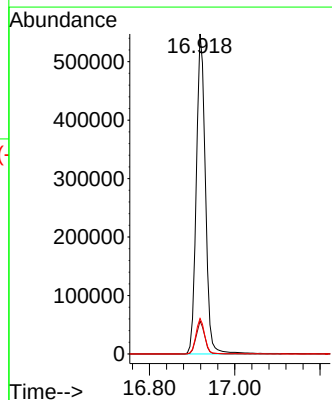
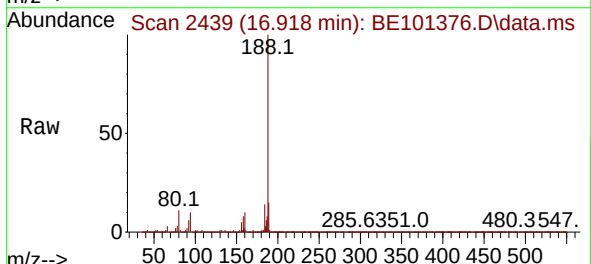
Tgt Ion:188 Resp: 812706

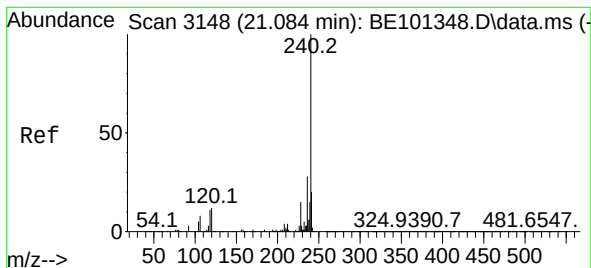
Ion Ratio Lower Upper

188 100

94 10.3 8.2 12.2

80 11.1 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.078 min Scan# 3148

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

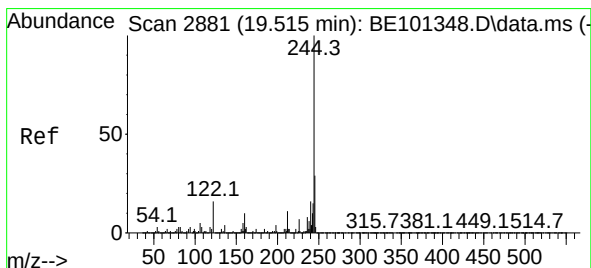
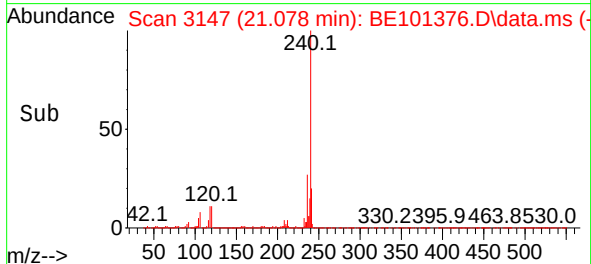
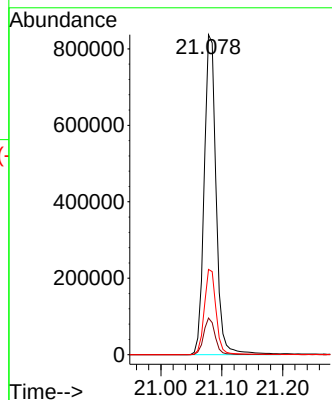
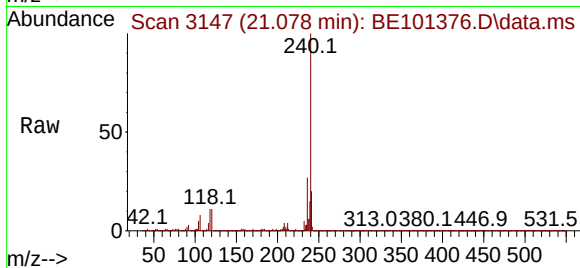
Tgt Ion:240 Resp: 1139442

Ion Ratio Lower Upper

240 100

120 11.5 9.8 14.8

236 26.7 22.1 33.1



#79

Terphenyl-d14

Concen: 73.892 ng

RT: 19.515 min Scan# 2881

Delta R.T. 0.000 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

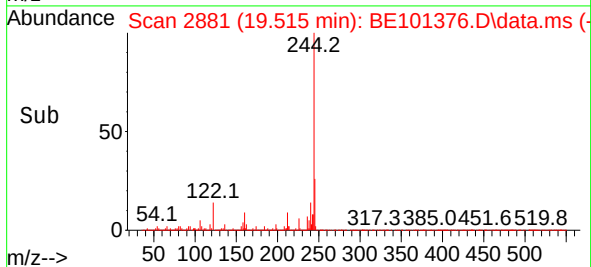
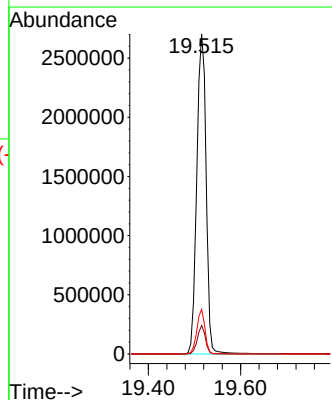
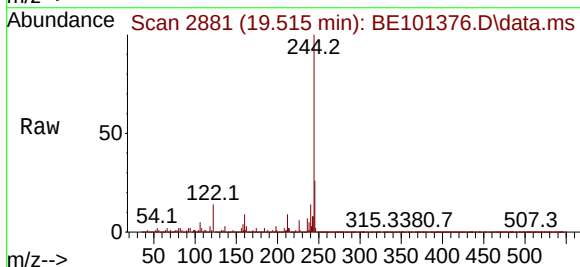
Tgt Ion:244 Resp: 3797189

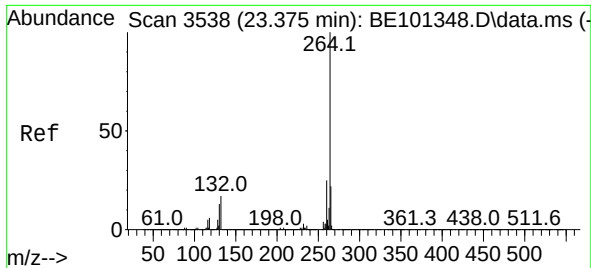
Ion Ratio Lower Upper

244 100

212 8.9 8.5 12.7

122 13.9 13.1 19.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.370 min Scan# 3537

Delta R.T. -0.005 min

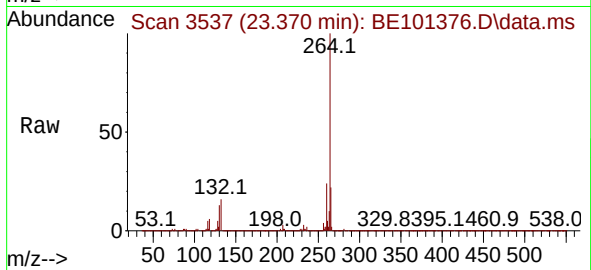
Lab File: BE101376.D

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ClientSampleId :



Tgt Ion:264 Resp: 1532871

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 22.0 17.8 26.6

