

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 :
 PB163139BL

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

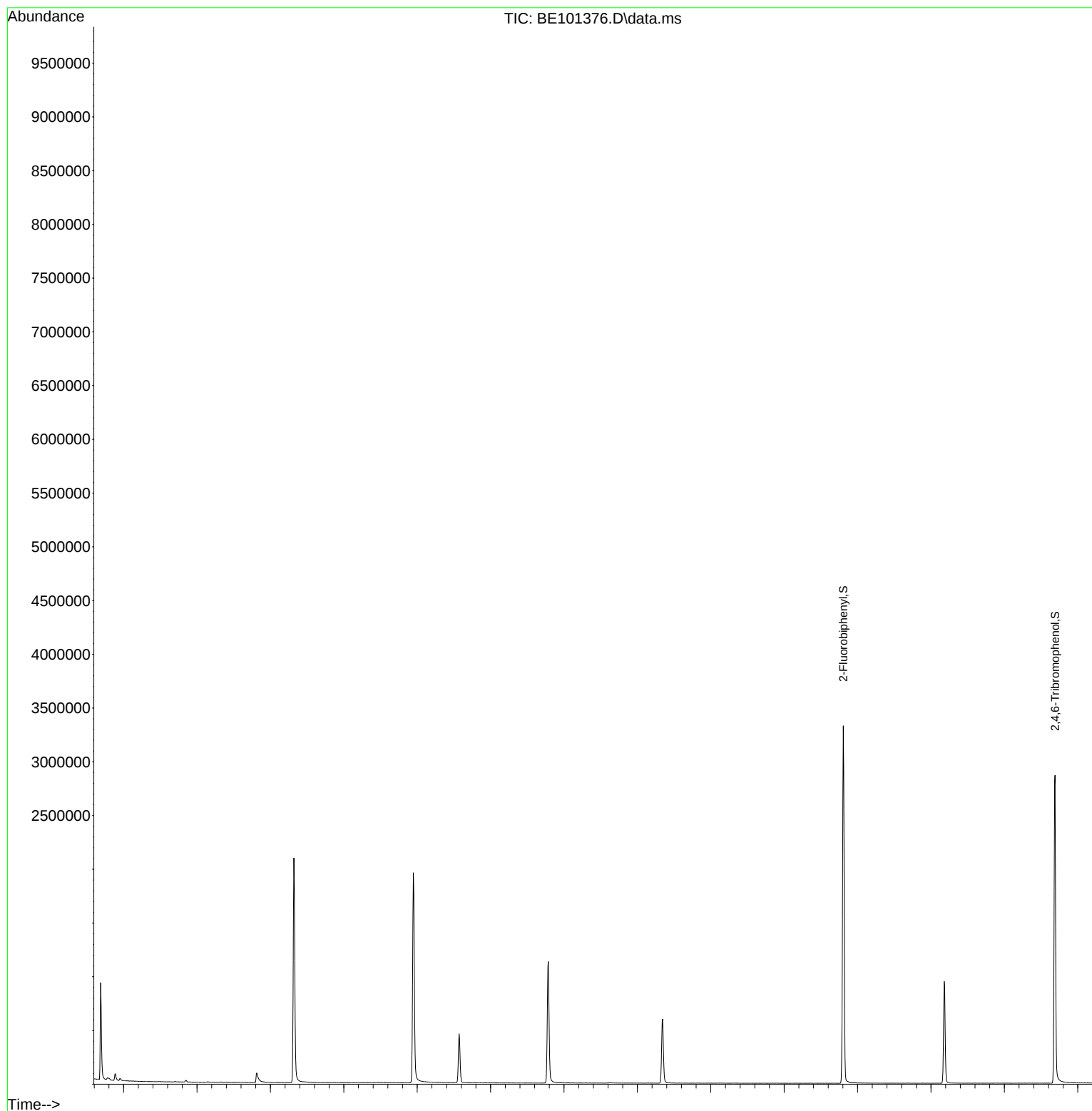
Target Compounds Qvalue

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

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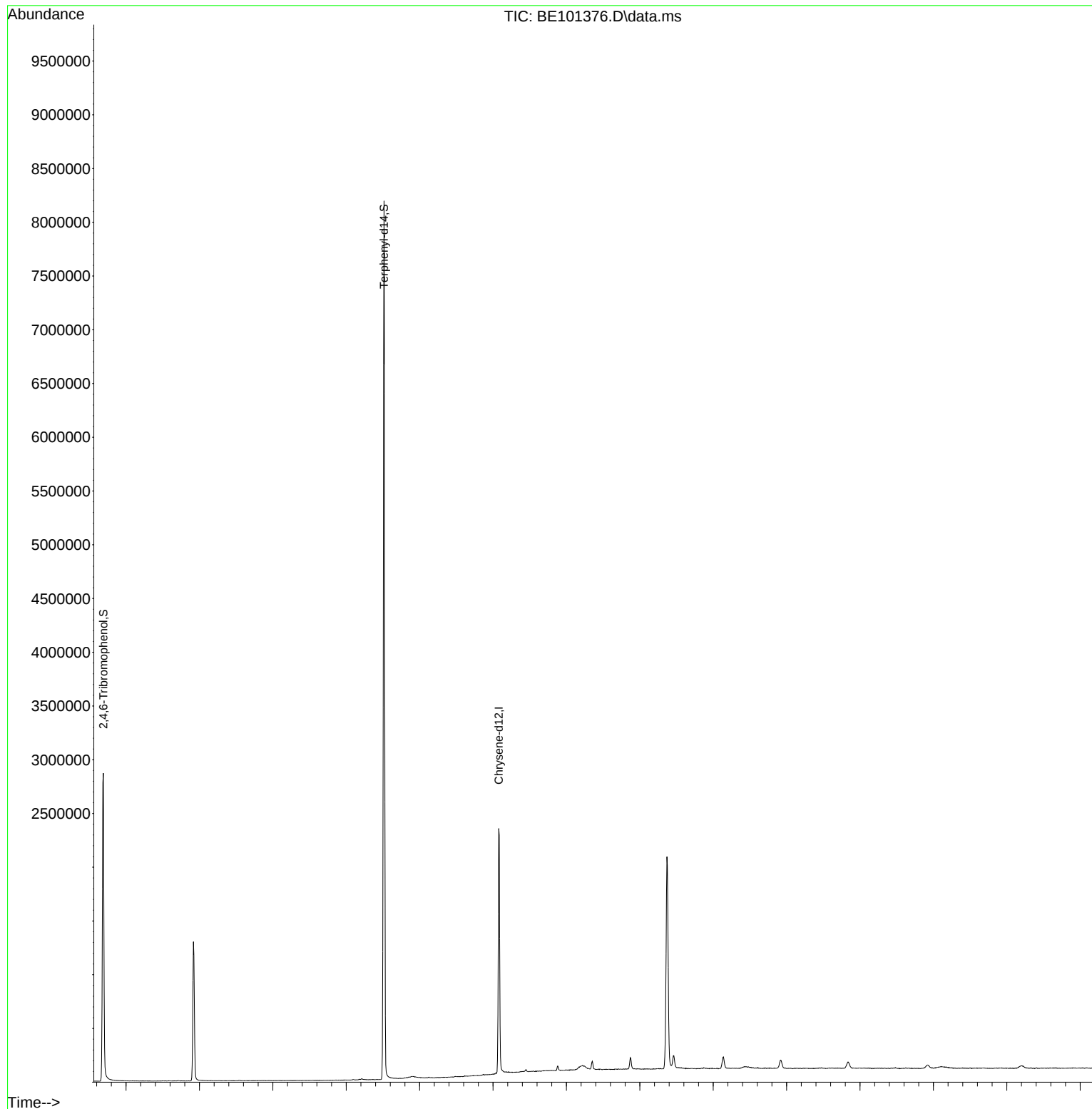
Quant Time: Sep 19 13:51:54 2024
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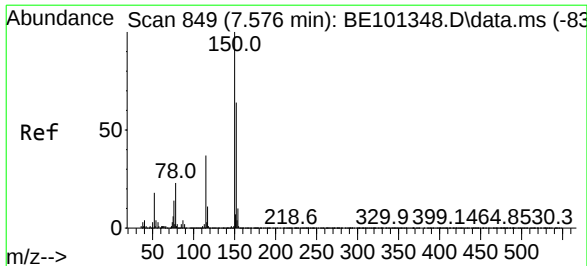


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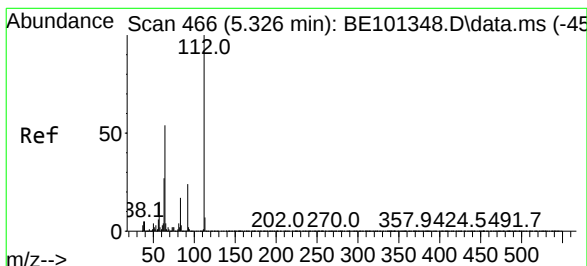
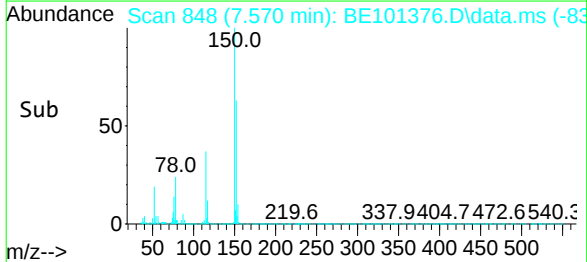
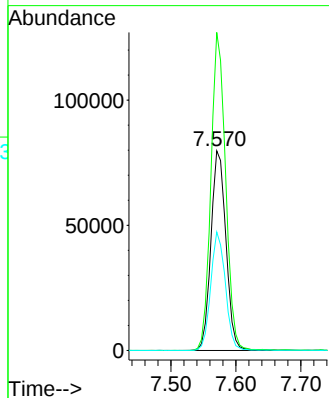
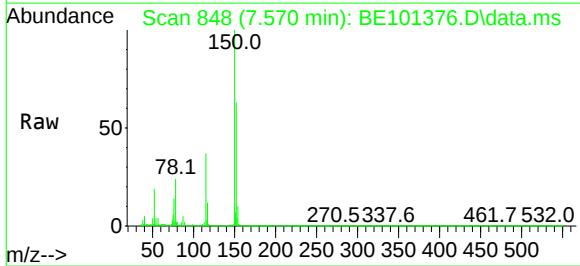




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 849
Delta R.T. -0.006 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

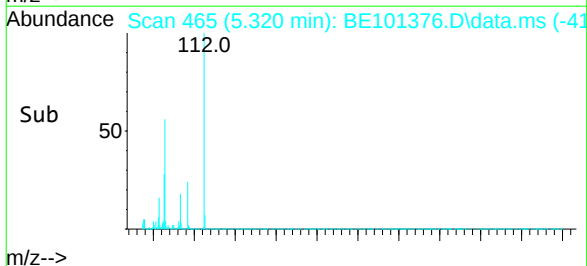
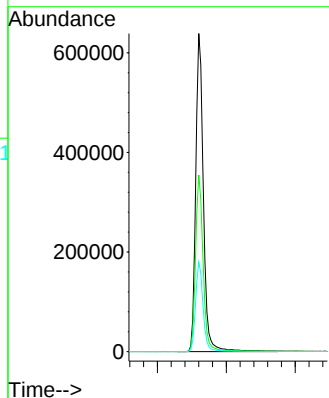
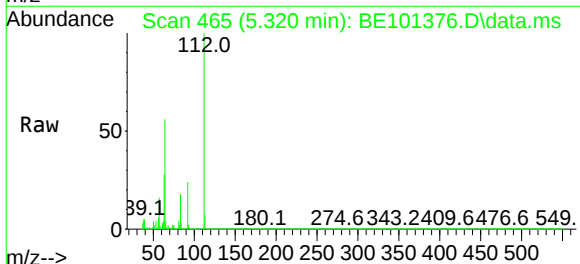
Instrument :
BNA_E
ClientSampleId :
PB163139BL

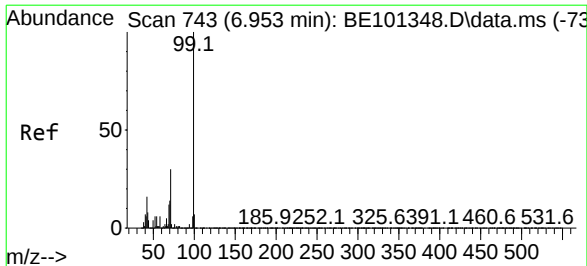
Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.3	125.9	188.9
115	59.4	46.9	70.3



#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	Ratio	Lower	Upper
112	100		
64	55.5	42.8	64.2
63	28.1	21.3	31.9

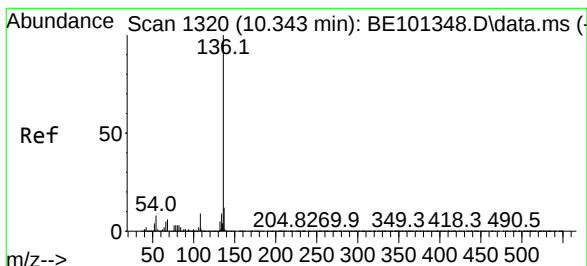
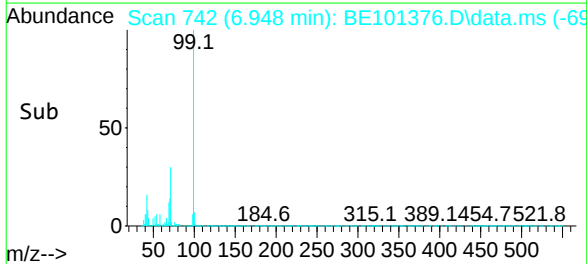
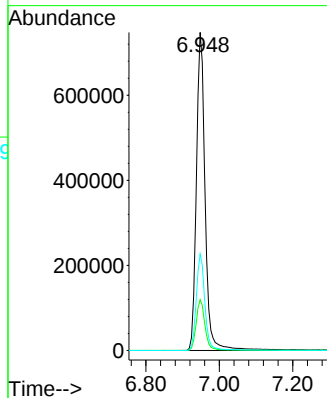
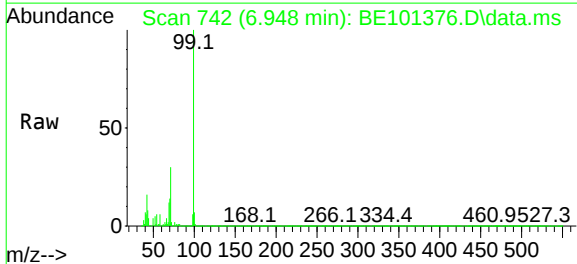




#7
Phenol-d6
Concen: 118.856 ng
RT: 6.948 min Scan# 743
Delta R.T. -0.005 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

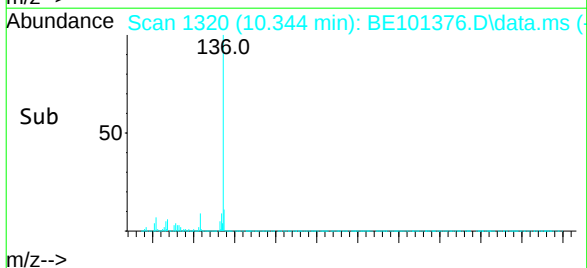
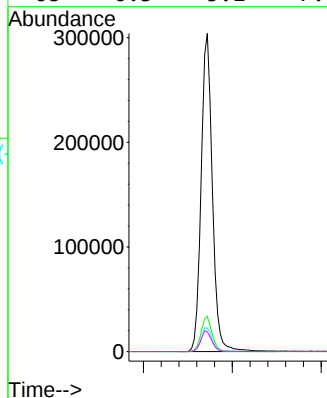
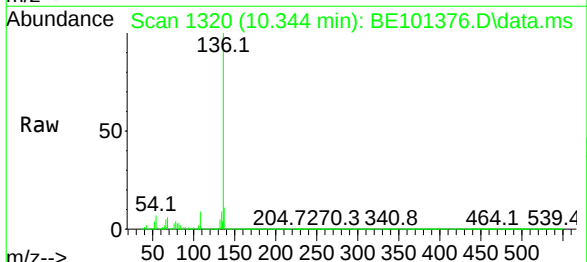
Instrument :
BNA_E
ClientSampleId :
PB163139BL

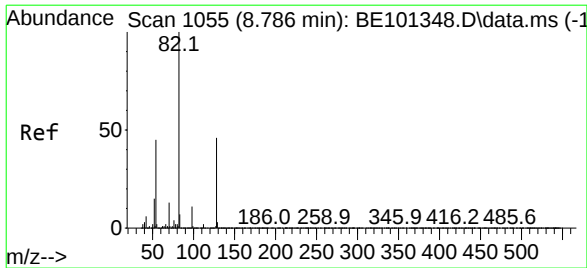
Tgt Ion: 99 Resp: 1234393
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 30.3 23.8 35.6



#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

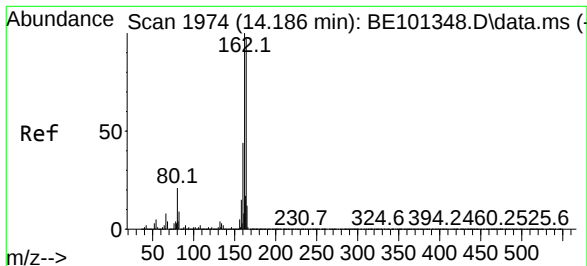
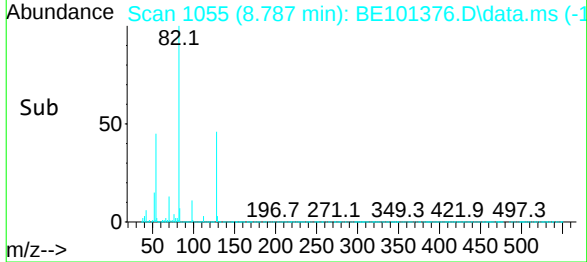
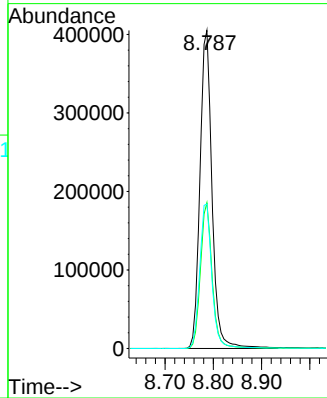
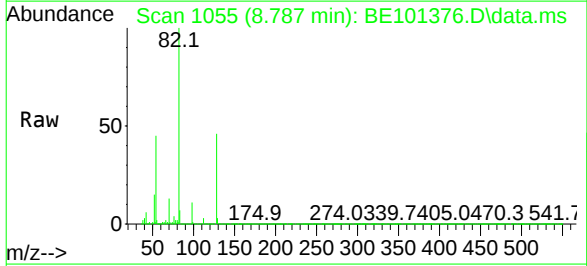




#23
Nitrobenzene-d5
Concen: 83.593 ng
RT: 8.787 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

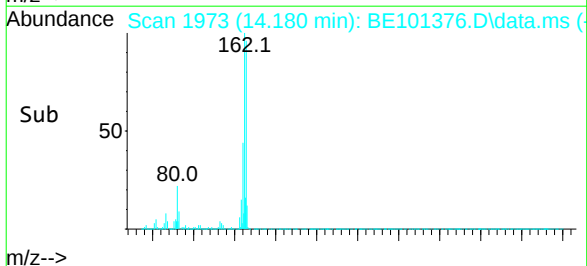
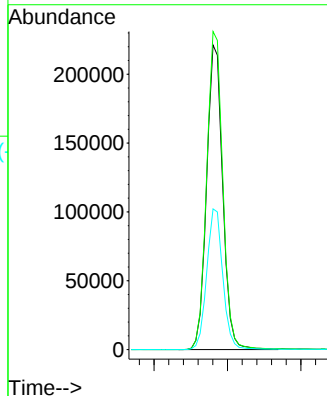
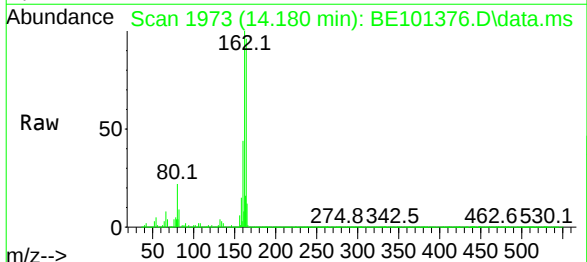
Instrument :
BNA_E
ClientSampleId :
PB163139BL

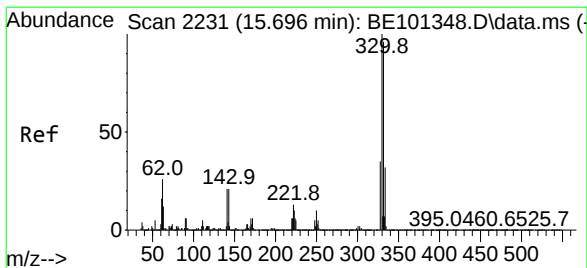
Tgt Ion:	82	Resp:	703092
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.8	55.2
54	45.5	36.2	54.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BE101376.D
Acq: 19 Sep 2024 13:16

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# 2231

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

PB163139BL

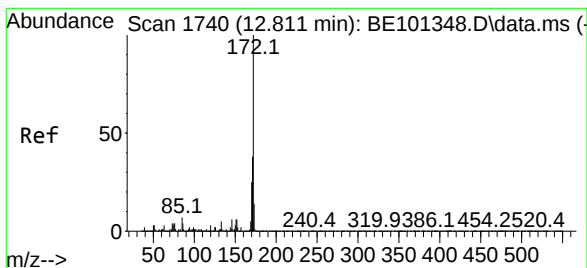
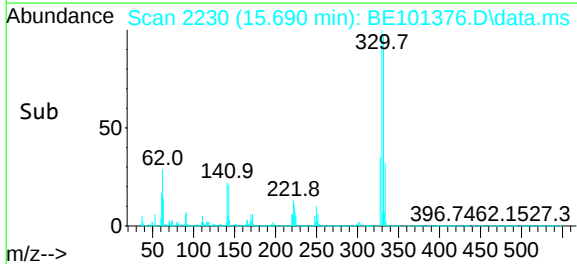
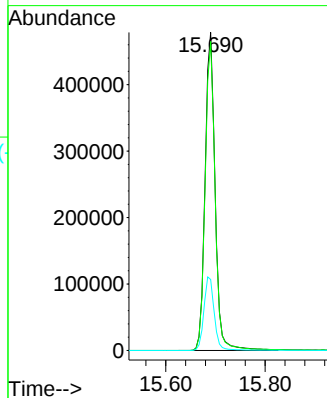
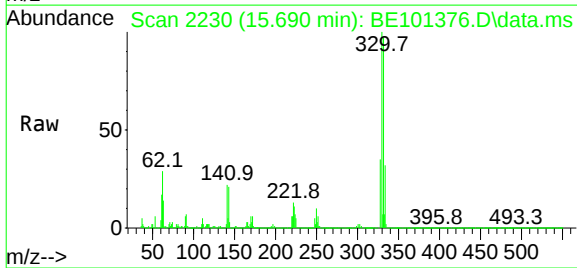
Tgt Ion:330 Resp: 670737

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# 1739

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

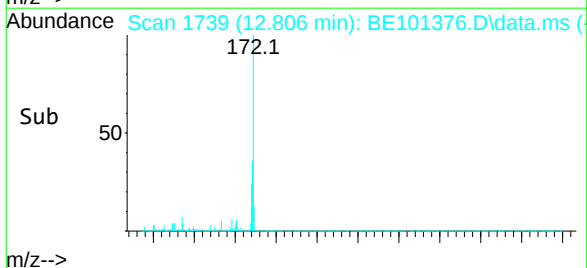
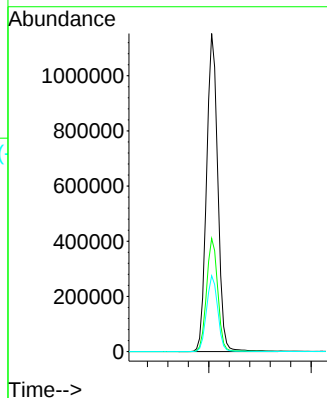
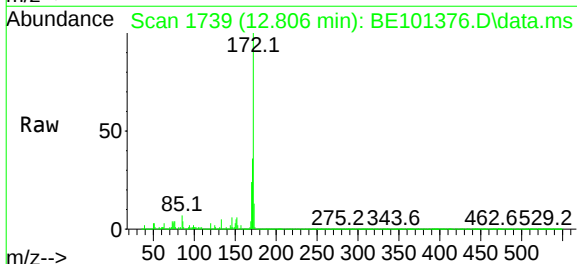
Tgt Ion:172 Resp: 1757899

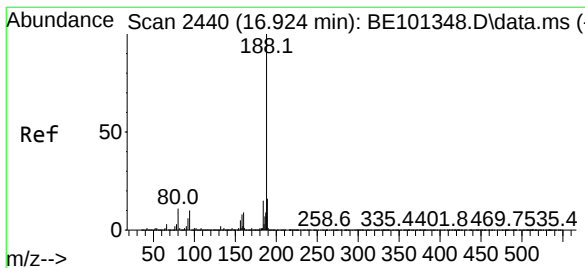
Ion Ratio Lower Upper

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# 2440

Delta R.T. -0.006 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

Instrument :

BNA_E

ClientSampleId :

PB163139BL

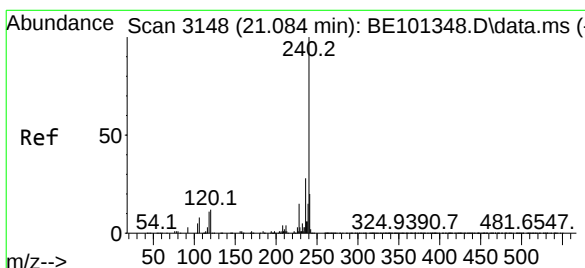
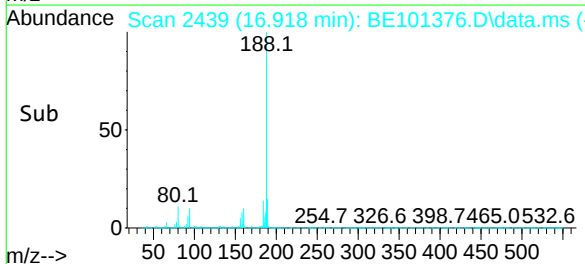
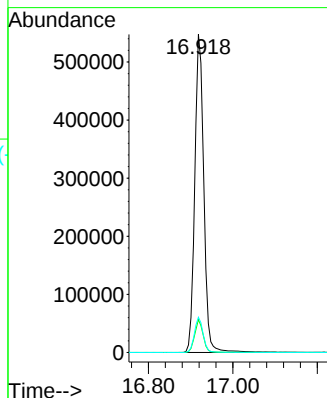
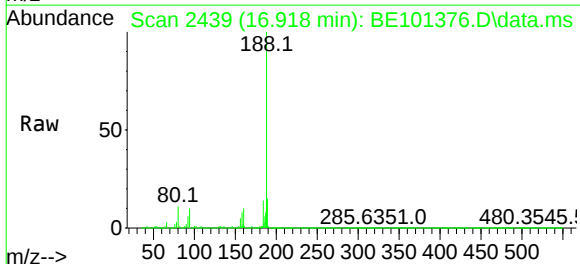
Tgt Ion:188 Resp: 812706

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# 3147

Delta R.T. -0.005 min

Lab File: BE101376.D

Acq: 19 Sep 2024 13:16

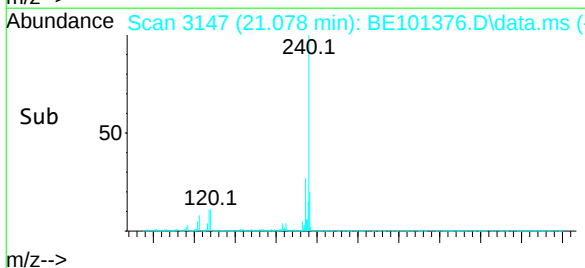
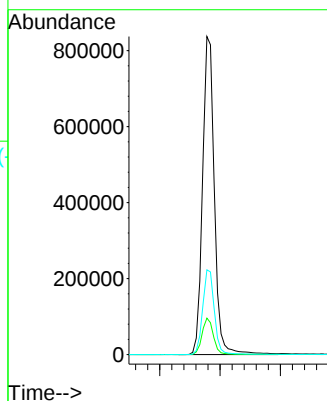
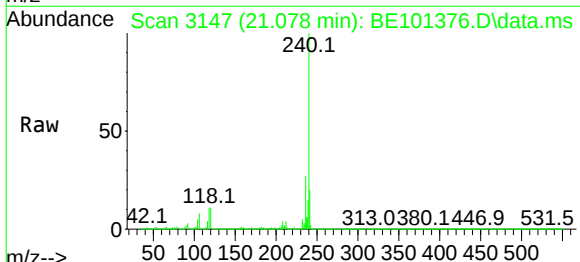
Tgt Ion:240 Resp: 1139442

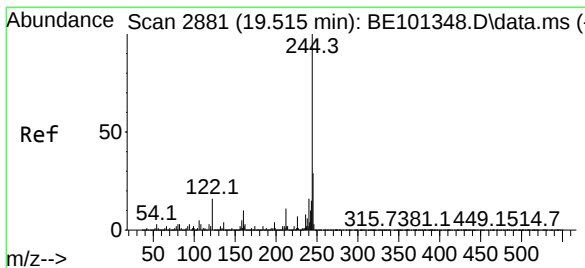
Ion Ratio Lower Upper

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

Instrument :

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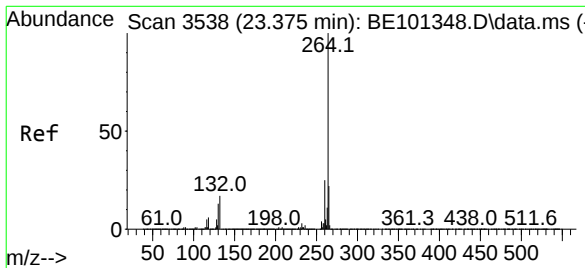
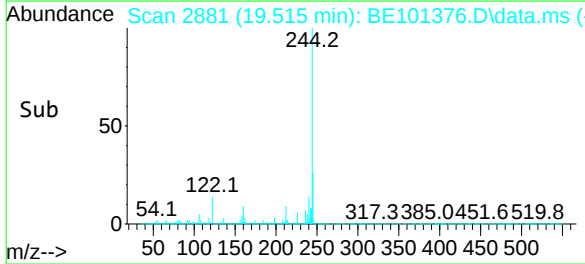
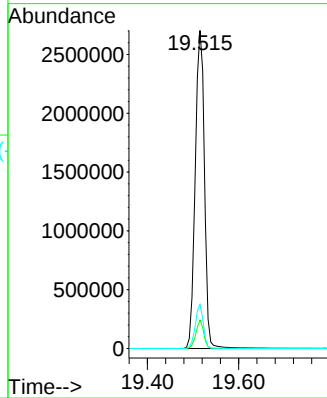
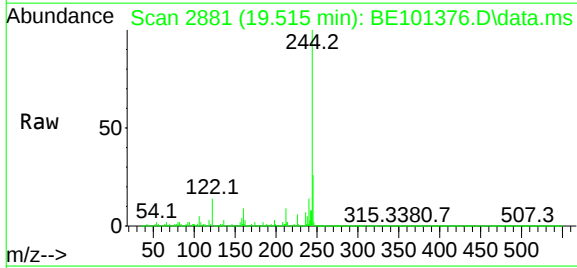
Tgt Ion:244 Resp: 3797189

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

Acq: 19 Sep 2024 13:16

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

