

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101367.D
 Acq On : 18 Sep 2024 17:16
 Operator : RC/JU
 Sample : PB163110BL
 Misc : LOD-MDL-WATER-8PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB163110BL

Quant Time: Sep 18 18:05:55 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)

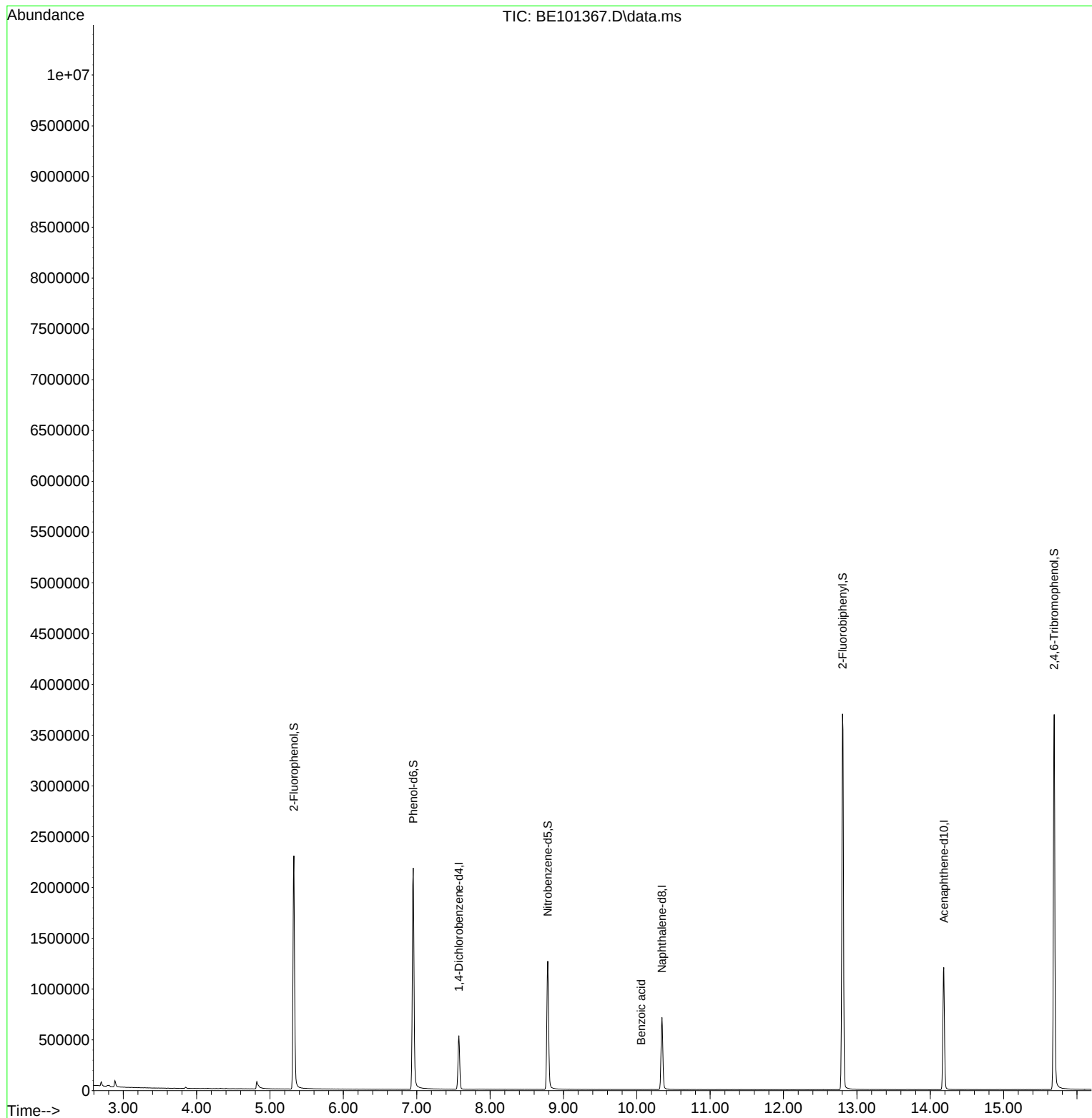
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	146861	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	633980	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	431261	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1053064	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1310107	20.000	ng	0.00
86) Perylene-d12	23.368	264	1774064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	1083013	128.938	ng	0.00
7) Phenol-d6	6.952	99	1385894	116.390	ng	0.00
23) Nitrobenzene-d5	8.785	82	780202	78.020	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	845253	116.528	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	2034924	81.540	ng	0.00
79) Terphenyl-d14	19.514	244	4122600	69.774	ng	0.00
Target Compounds						
32) Benzoic acid	10.060	122	37	7.348	ng	Qvalue 90

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

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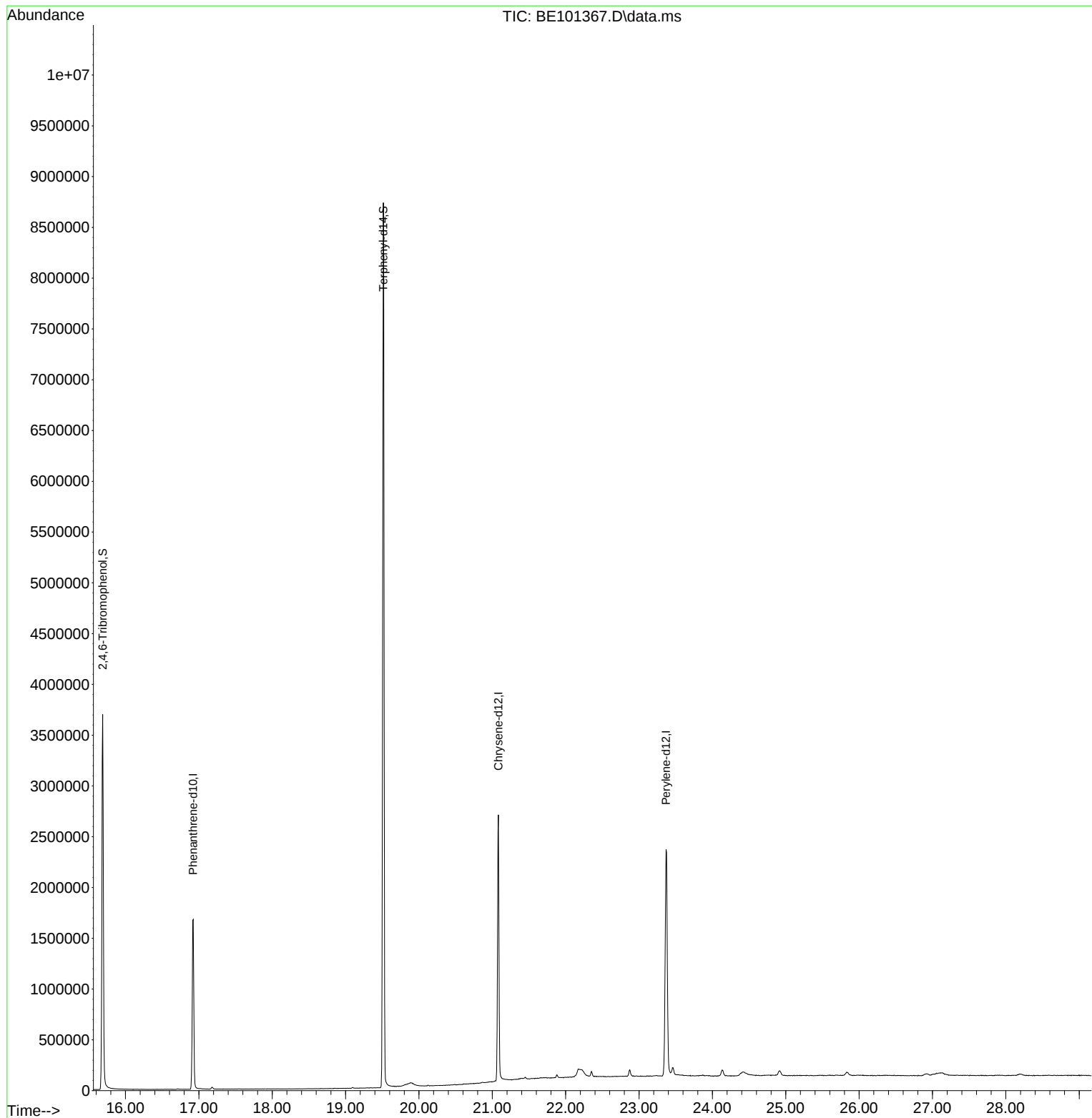
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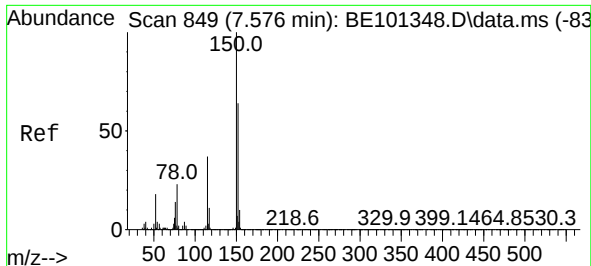


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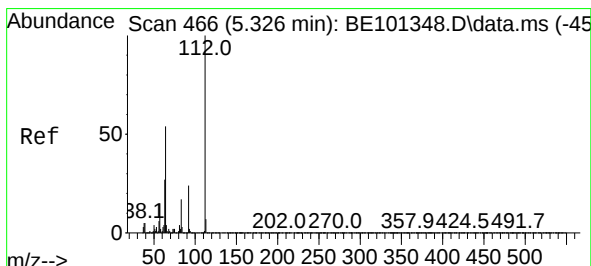
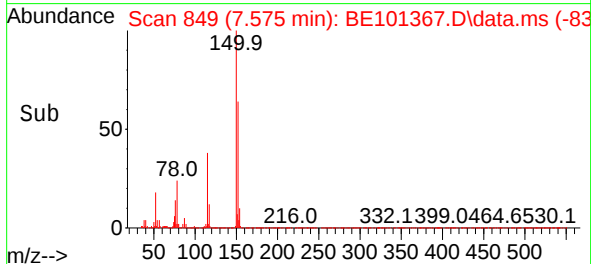
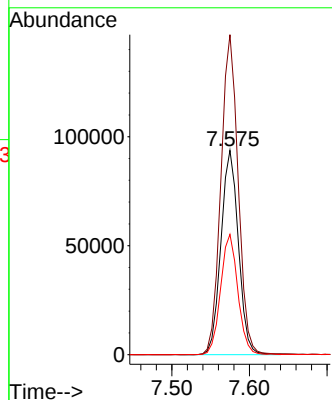
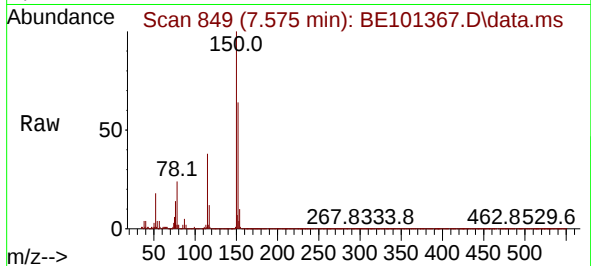




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

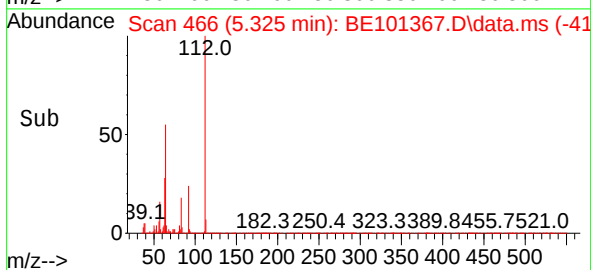
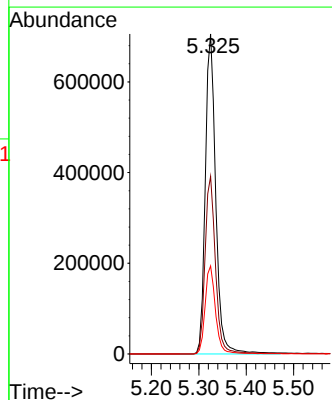
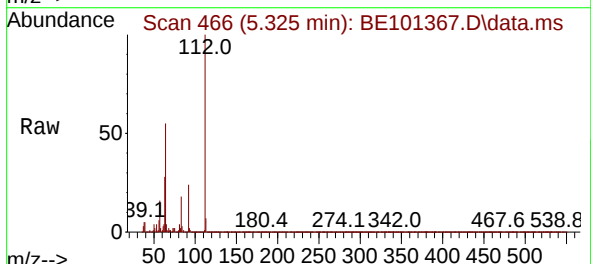
Instrument :
BNA_E
ClientSampleId :
PB163110BL

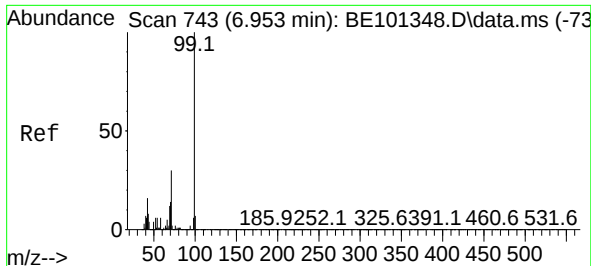
Tgt Ion:152 Resp: 146861
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 58.9 46.9 70.3



#5
2-Fluorophenol
Concen: 128.938 ng
RT: 5.325 min Scan# 466
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:112 Resp: 1083013
Ion Ratio Lower Upper
112 100
64 55.5 42.8 64.2
63 27.5 21.3 31.9

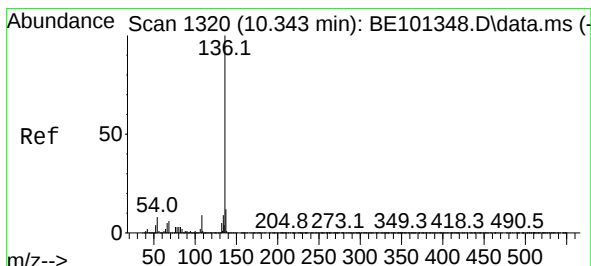
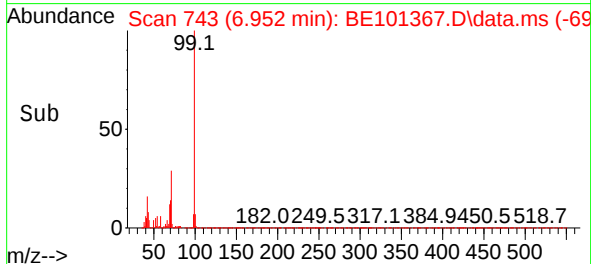
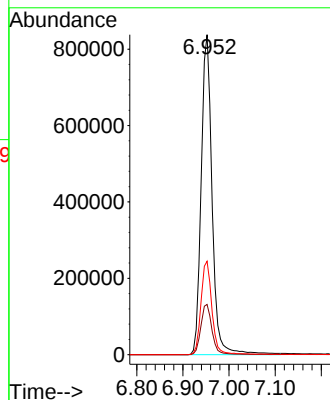
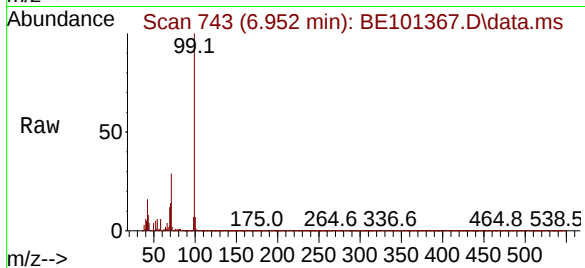




#7
Phenol-d6
Concen: 116.390 ng
RT: 6.952 min Scan# 743
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

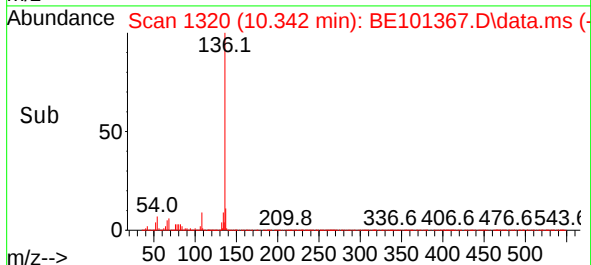
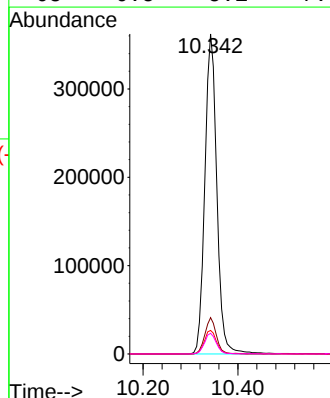
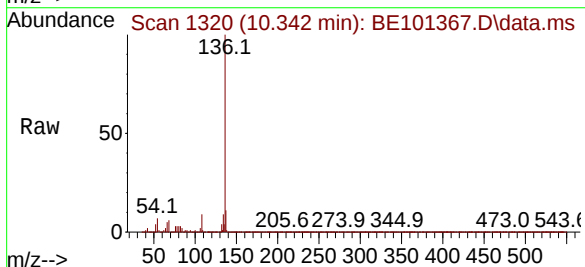
Instrument :
BNA_E
ClientSampleId :
PB163110BL

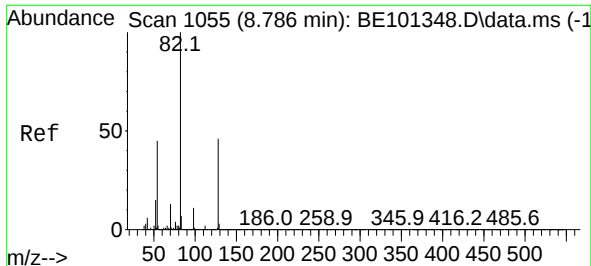
Tgt Ion: 99 Resp: 1385894
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 29.2 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:136 Resp: 633980
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 7.4 6.1 9.1
68 6.5 5.1 7.7





#23

Nitrobenzene-d5

Concen: 78.020 ng

RT: 8.785 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101367.D

Acq: 18 Sep 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB163110BL

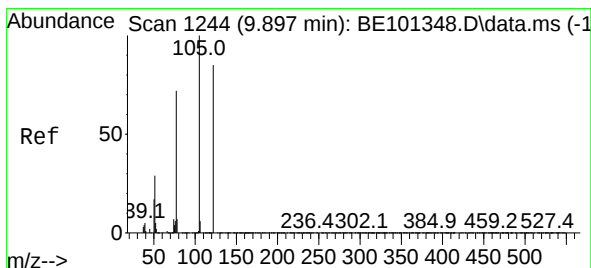
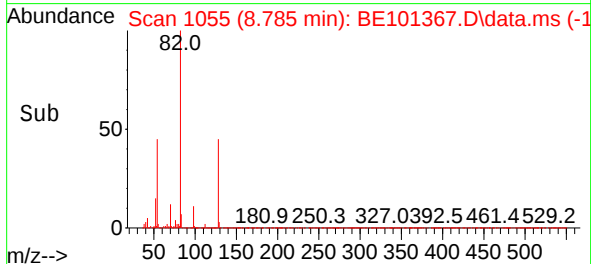
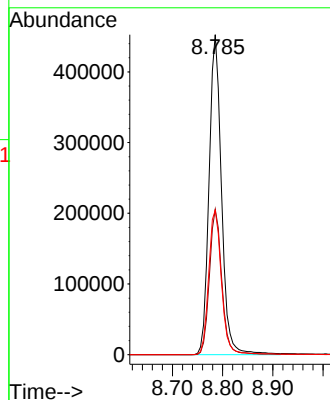
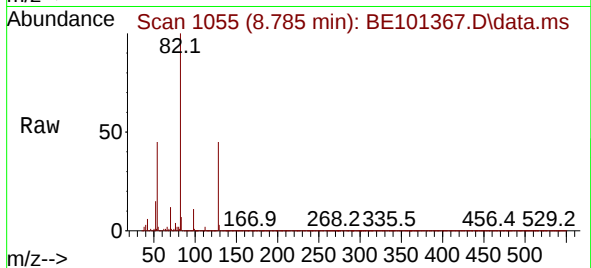
Tgt Ion: 82 Resp: 780202

Ion Ratio Lower Upper

82 100

128 45.5 36.8 55.2

54 45.1 36.2 54.4



#32

Benzoic acid

Concen: 7.348 ng

RT: 10.060 min Scan# 1272

Delta R.T. 0.163 min

Lab File: BE101367.D

Acq: 18 Sep 2024 17:16

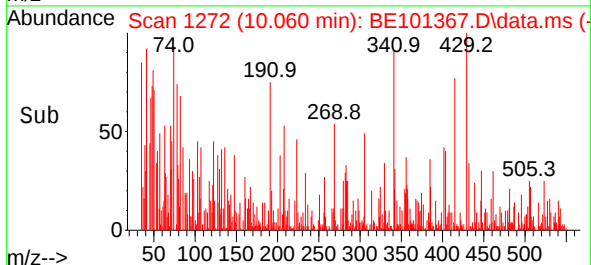
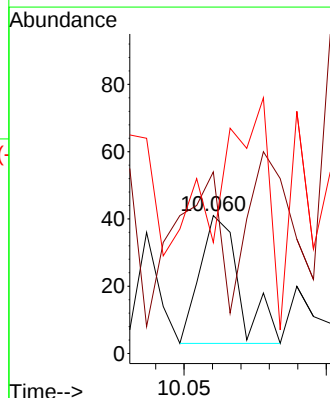
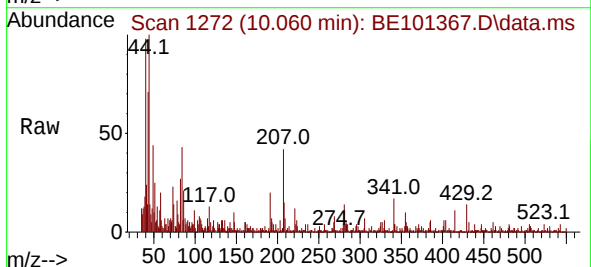
Tgt Ion:122 Resp: 37

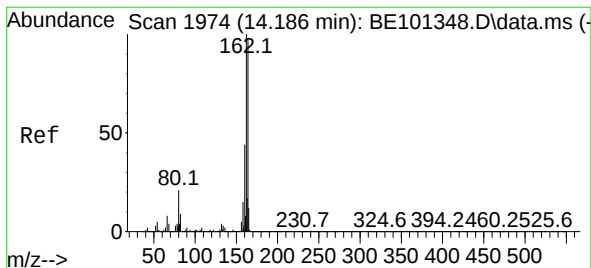
Ion Ratio Lower Upper

122 100

105 131.7 96.7 136.7

77 80.5 64.8 104.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.185 min Scan# 1

Delta R.T. -0.001 min

Lab File: BE101367.D

Acq: 18 Sep 2024 17:16

Instrument :

BNA_E

ClientSampleId :

PB163110BL

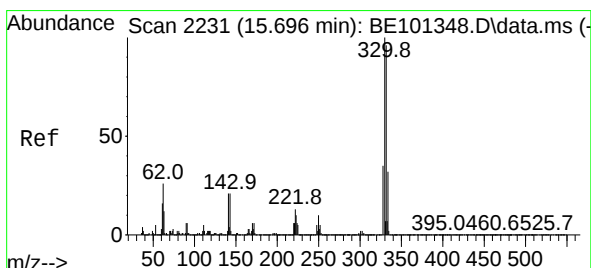
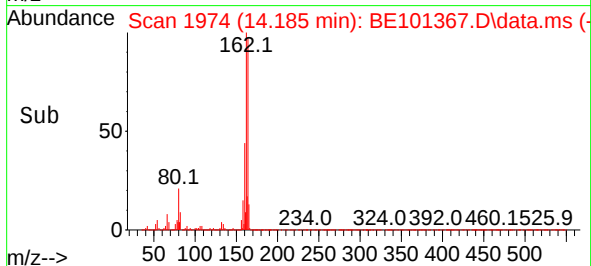
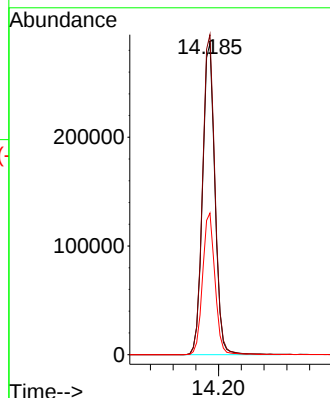
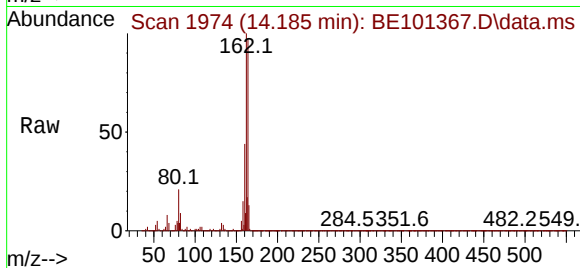
Tgt Ion:164 Resp: 431261

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

160 45.5 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 116.528 ng

RT: 15.689 min Scan# 2230

Delta R.T. -0.007 min

Lab File: BE101367.D

Acq: 18 Sep 2024 17:16

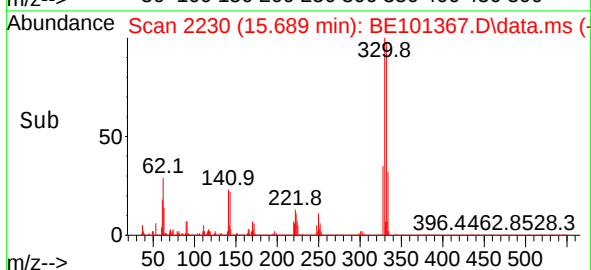
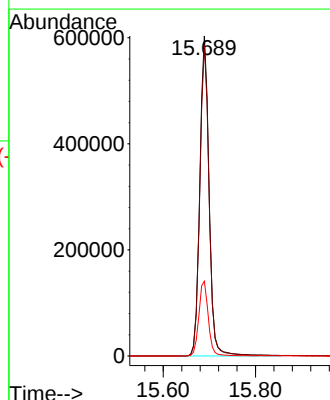
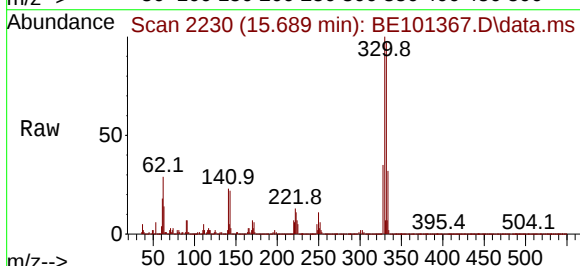
Tgt Ion:330 Resp: 845253

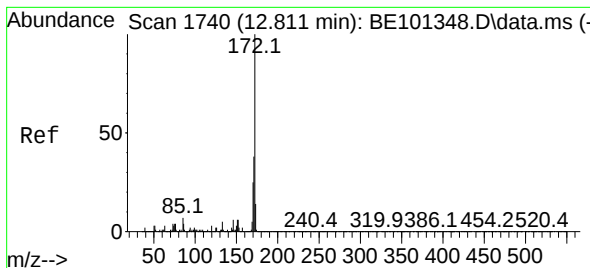
Ion Ratio Lower Upper

330 100

332 96.5 77.8 116.8

141 23.9 19.1 28.7

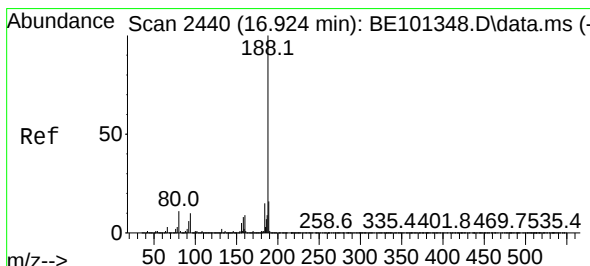
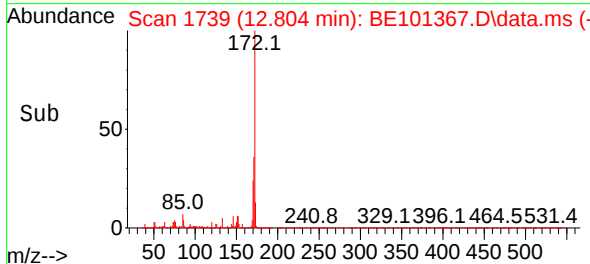
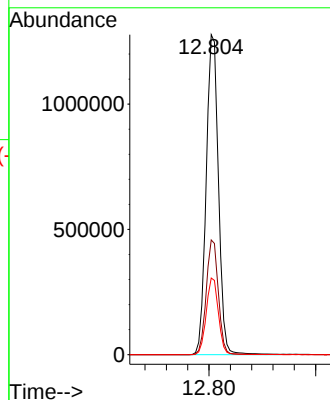
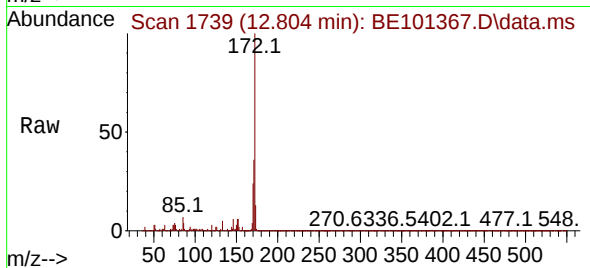




#45
2-Fluorobiphenyl
Concen: 81.540 ng
RT: 12.804 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

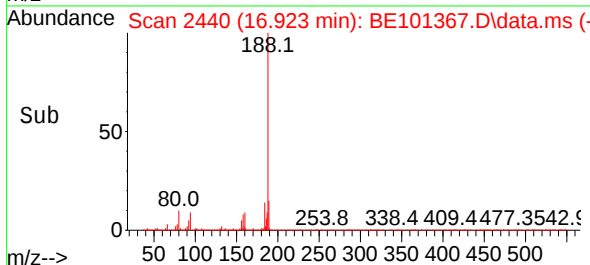
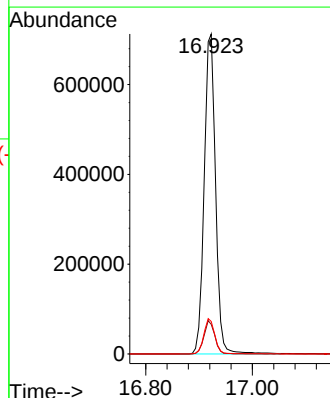
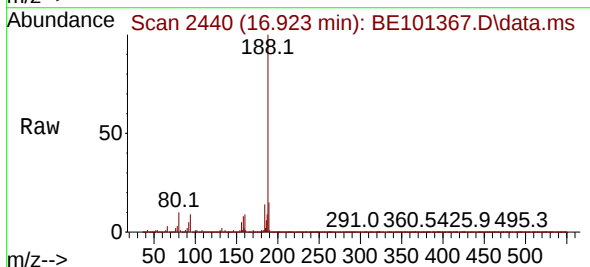
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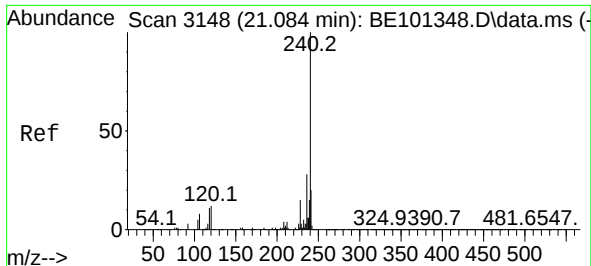
Tgt Ion:172 Resp: 2034924
Ion Ratio Lower Upper
172 100
171 35.9 30.2 45.2
170 24.0 20.2 30.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:188 Resp: 1053064
Ion Ratio Lower Upper
188 100
94 9.3 8.2 12.2
80 10.2 8.6 13.0

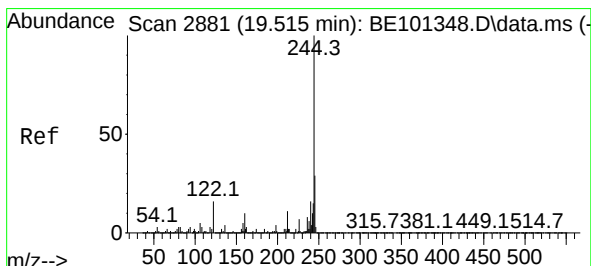
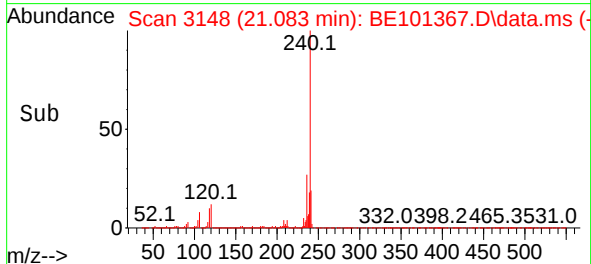
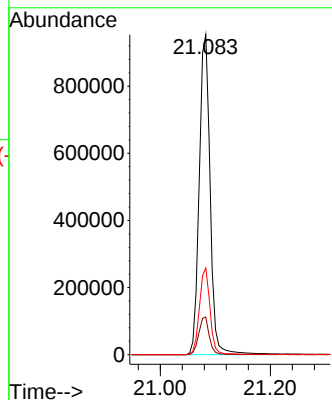
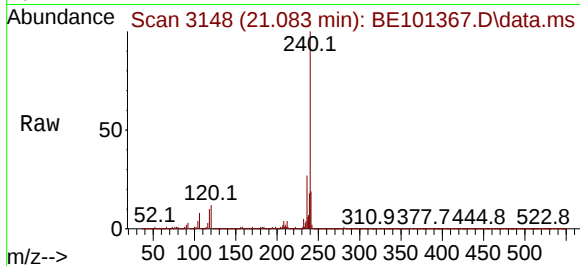




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

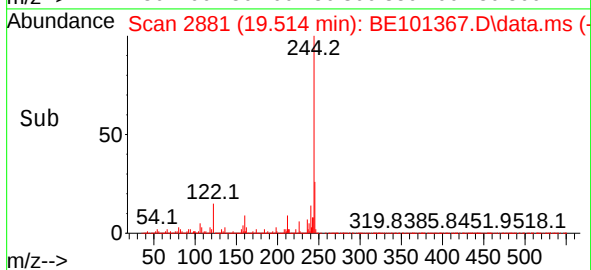
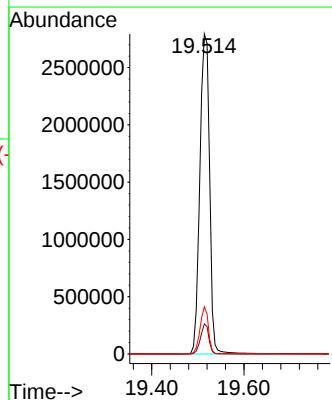
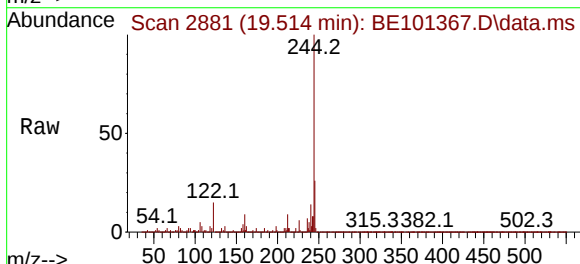
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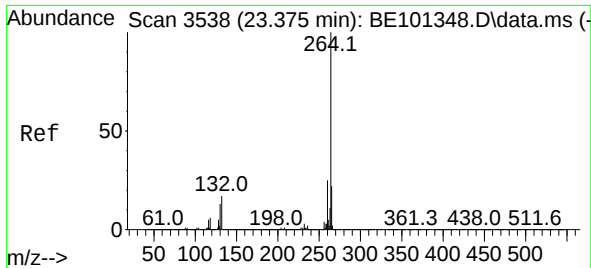
Tgt Ion:240 Resp: 1310107
Ion Ratio Lower Upper
240 100
120 11.8 9.8 14.8
236 27.1 22.1 33.1



#79
Terphenyl-d14
Concen: 69.774 ng
RT: 19.514 min Scan# 2881
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:244 Resp: 4122600
Ion Ratio Lower Upper
244 100
212 9.4 8.5 12.7
122 14.7 13.1 19.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.368 min Scan# 3537
Delta R.T. -0.007 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion:264 Resp: 1774064
Ion Ratio Lower Upper
264 100
260 24.1 19.8 29.6
265 22.4 17.8 26.6

