

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101463.D
 Acq On : 4 Nov 2024 19:50
 Operator : RC/JU
 Sample : P4675-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-1

Quant Time: Nov 04 22:07:41 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)

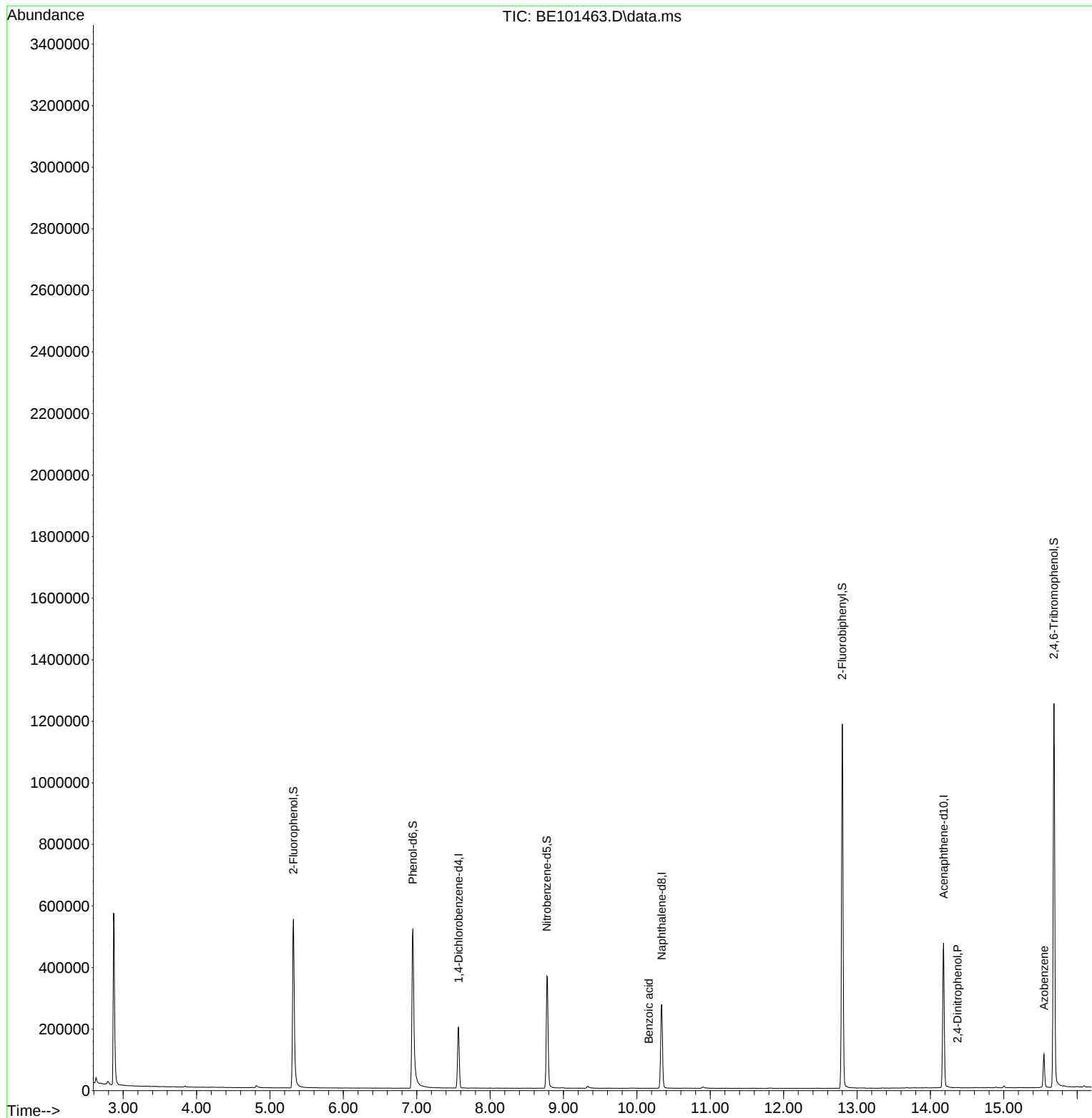
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	57409	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	246070	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	168001	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	408296	20.000	ng	0.00
76) Chrysene-d12	21.072	240	504276	20.000	ng	0.00
86) Perylene-d12	23.364	264	686079	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	297805	90.918	ng	0.00
7) Phenol-d6	6.948	99	410773	90.442	ng	0.00
23) Nitrobenzene-d5	8.775	82	225213	57.485	ng	-0.01
42) 2,4,6-Tribromophenol	15.684	330	311496	105.789	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	622552	62.756	ng	0.00
79) Terphenyl-d14	19.509	244	1469048	67.048	ng	0.00
Target Compounds						
32) Benzoic acid	10.161	122	42	8.229	ng	Qvalue 86
54) 2,4-Dinitrophenol	14.368	184	12	5.622	ng	# 1
63) Azobenzene	15.549	77	30457	2.857	ng	# 1

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

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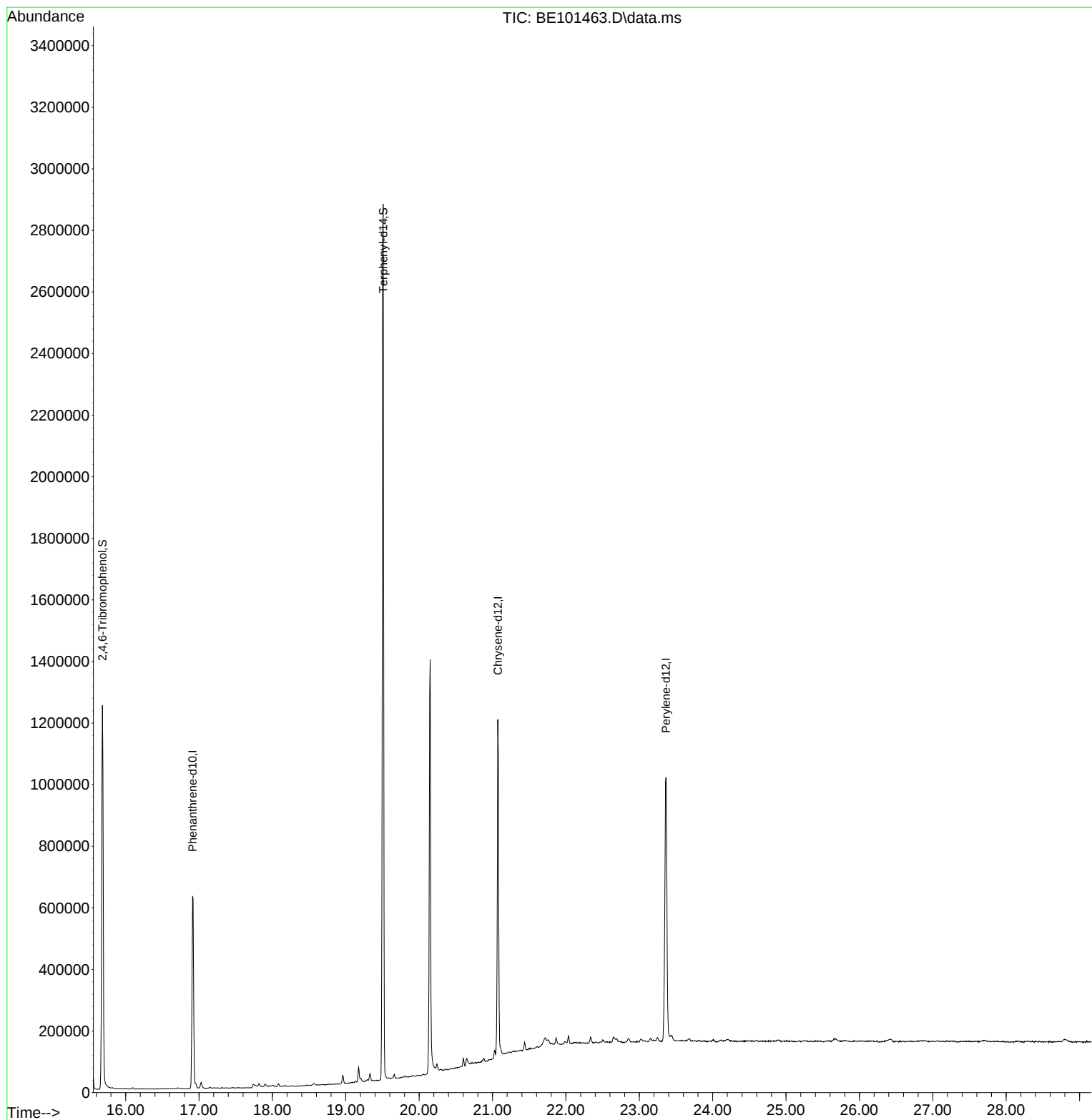
Quant Time: Nov 04 22:07:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
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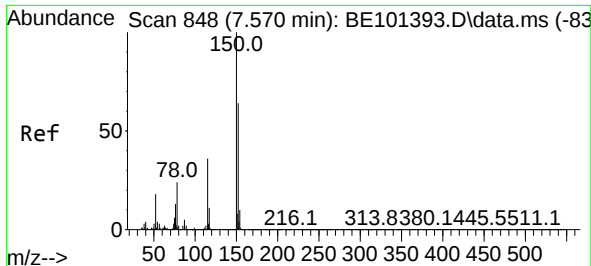


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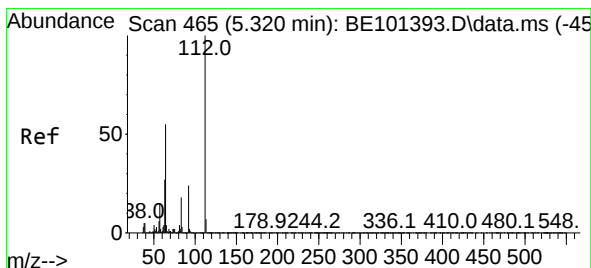
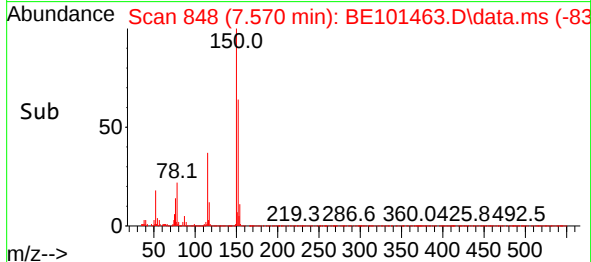
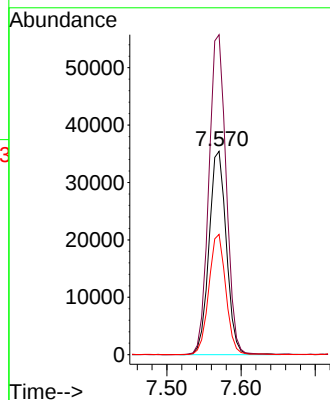
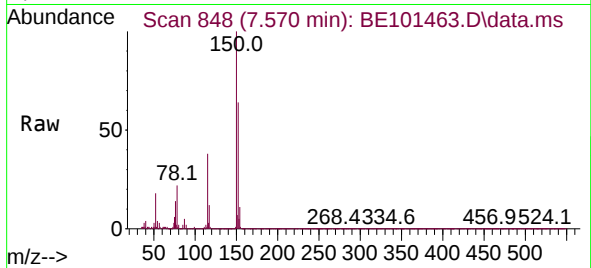




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

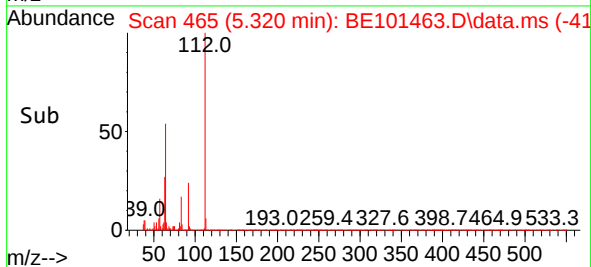
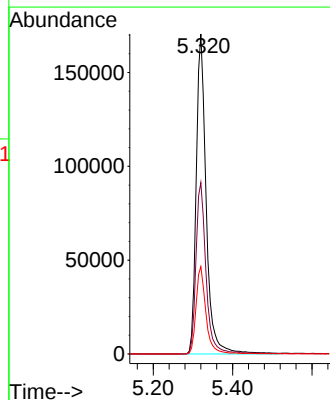
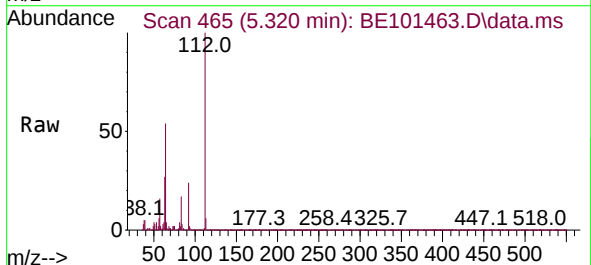
Instrument :
BNA_E
ClientSampleId :
COMP-1

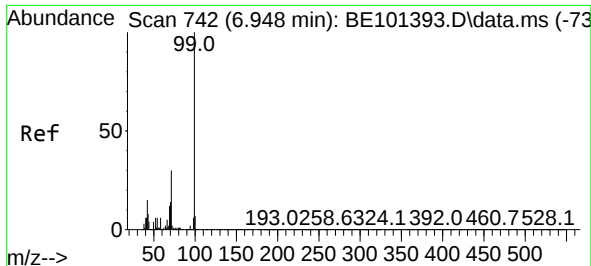
Tgt Ion:152 Resp: 57409
Ion Ratio Lower Upper
152 100
150 157.3 124.2 186.4
115 59.1 45.3 67.9



#5
2-Fluorophenol
Concen: 90.918 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

Tgt Ion:112 Resp: 297805
Ion Ratio Lower Upper
112 100
64 53.5 43.7 65.5
63 27.3 21.4 32.2

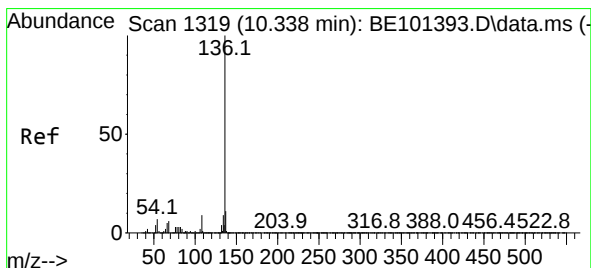
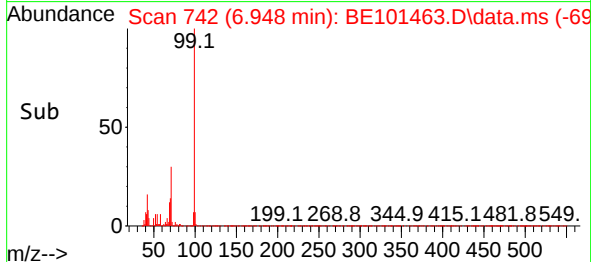
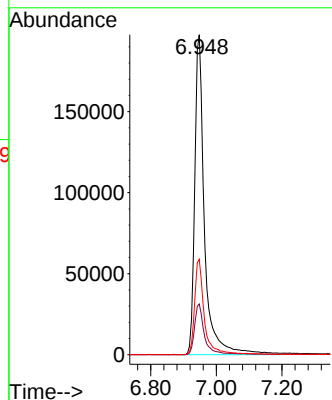
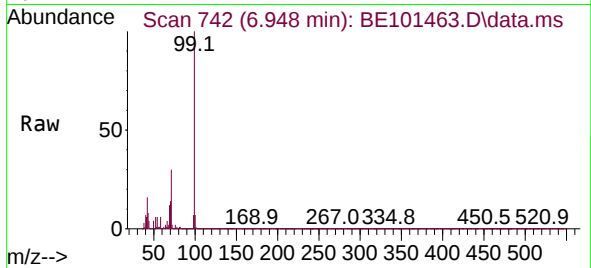




#7
Phenol-d6
Concen: 90.442 ng
RT: 6.948 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

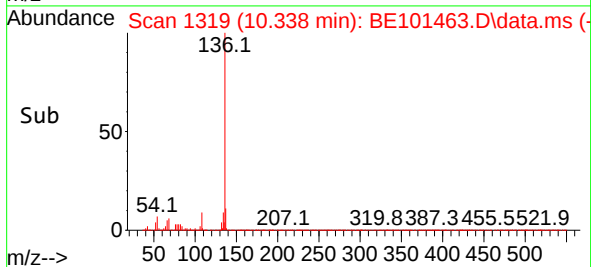
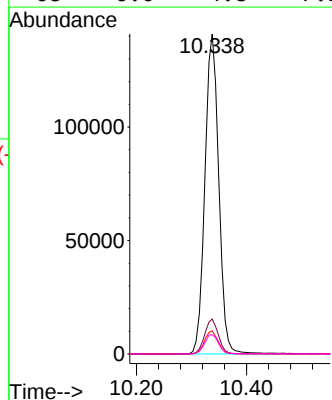
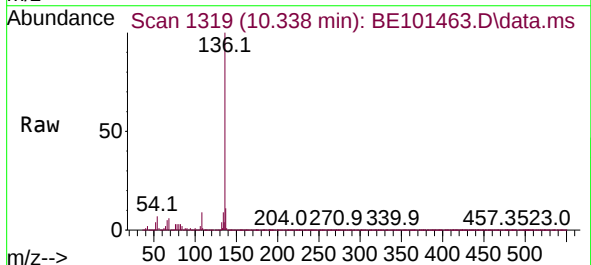
Instrument :
BNA_E
ClientSampleId :
COMP-1

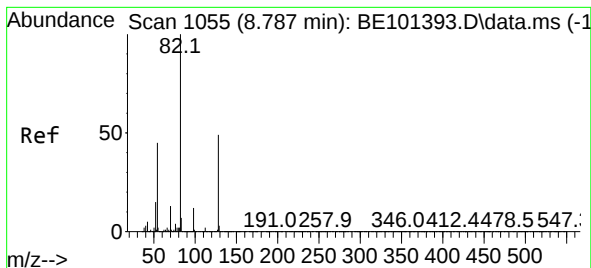
Tgt Ion: 99 Resp: 410773
Ion Ratio Lower Upper
99 100
42 15.9 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

Tgt Ion:136 Resp: 246070
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 57.485 ng

RT: 8.775 min Scan# 1053

Delta R.T. -0.012 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

Instrument :

BNA_E

ClientSampleId :

COMP-1

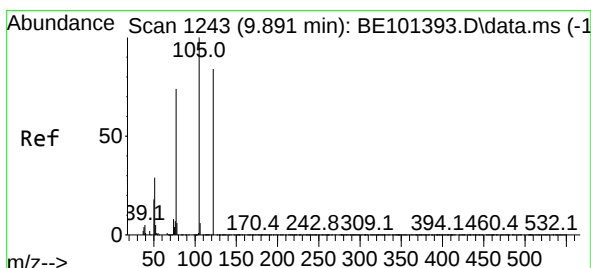
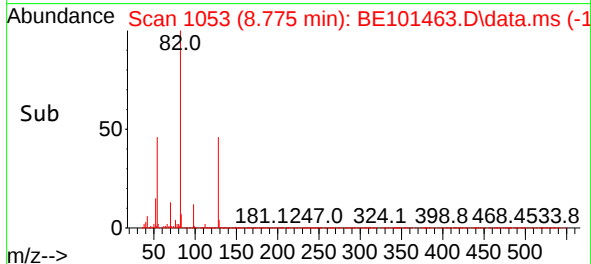
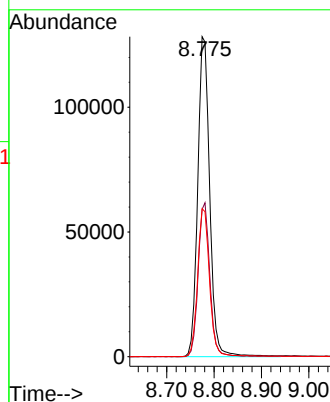
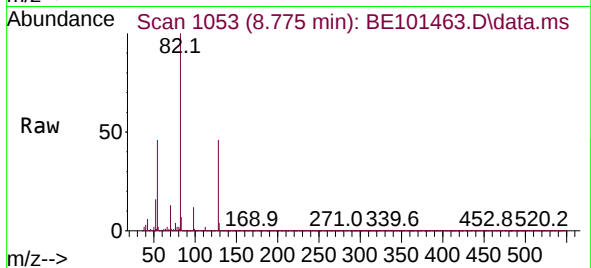
Tgt Ion: 82 Resp: 225213

Ion Ratio Lower Upper

82 100

128 46.0 38.9 58.3

54 46.2 36.2 54.4



#32

Benzoic acid

Concen: 8.229 ng

RT: 10.161 min Scan# 1289

Delta R.T. 0.270 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

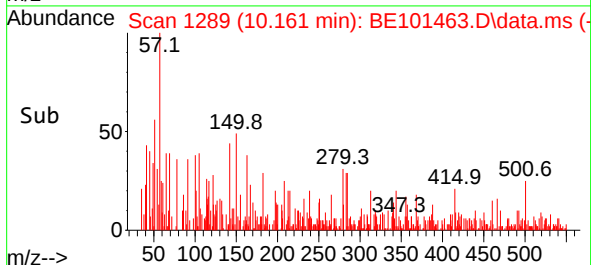
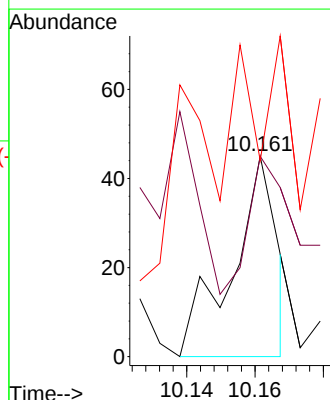
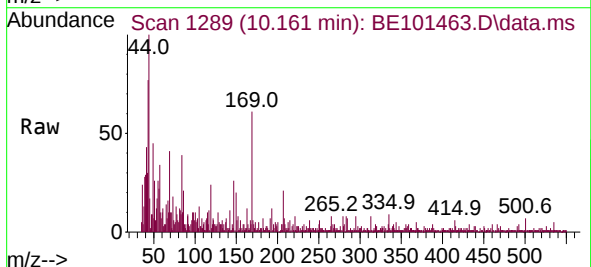
Tgt Ion: 122 Resp: 42

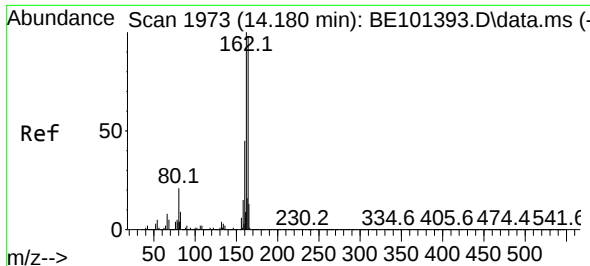
Ion Ratio Lower Upper

122 100

105 100.0 97.9 137.9

77 97.8 68.1 108.1

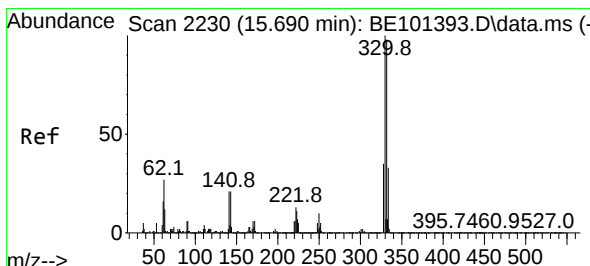
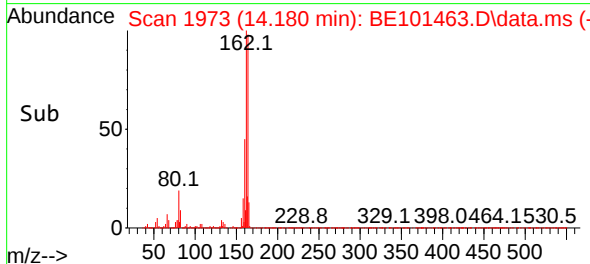
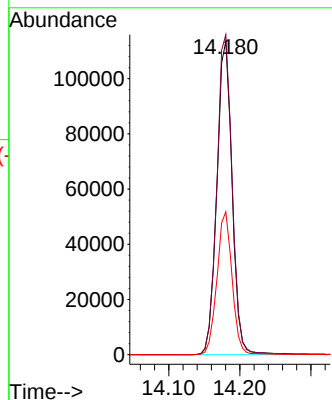
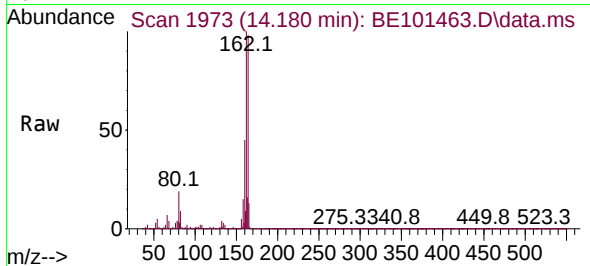




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

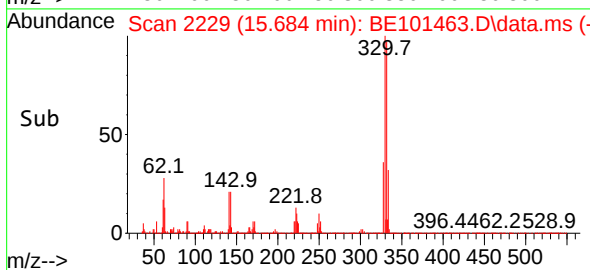
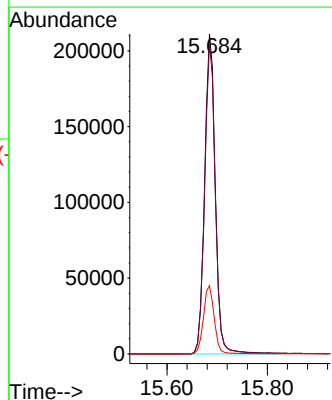
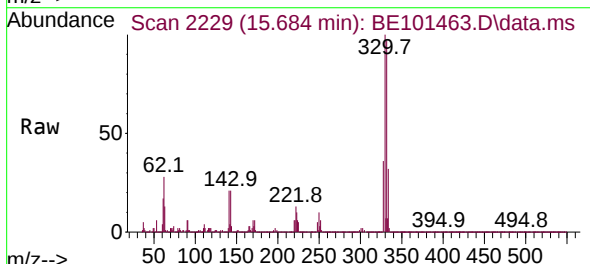
Instrument :
BNA_E
ClientSampleId :
COMP-1

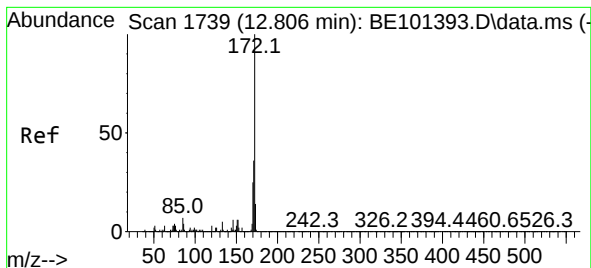
Tgt Ion:164 Resp: 168001
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.6 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 105.789 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

Tgt Ion:330 Resp: 311496
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 21.6 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 62.756 ng

RT: 12.800 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

Instrument :

BNA_E

ClientSampleId :

COMP-1

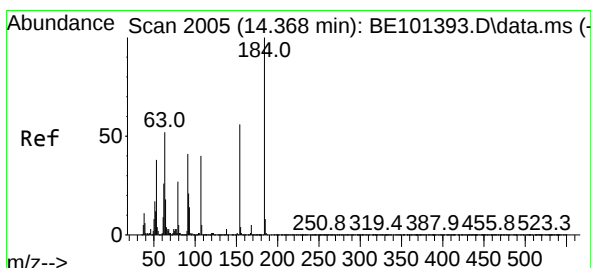
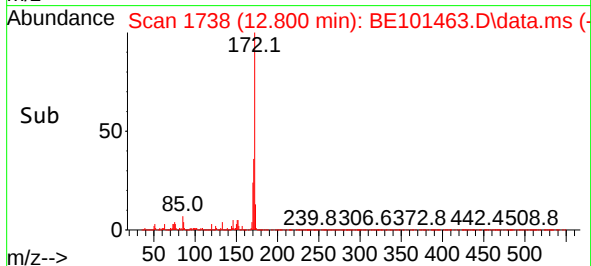
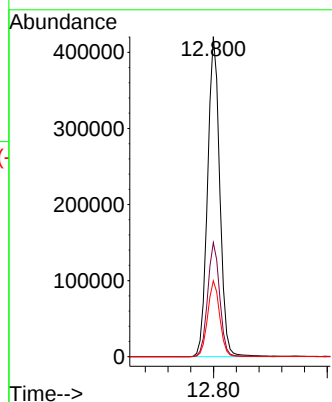
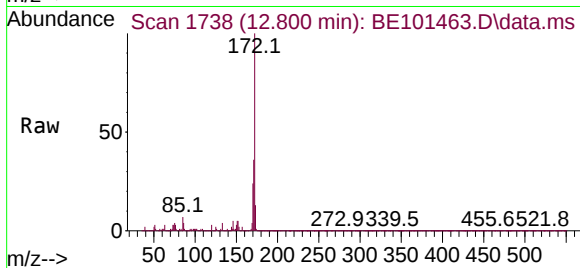
Tgt Ion:172 Resp: 622552

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.622 ng

RT: 14.368 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

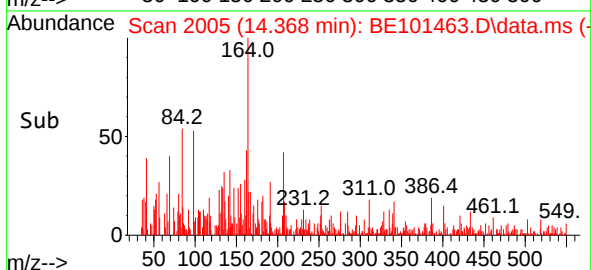
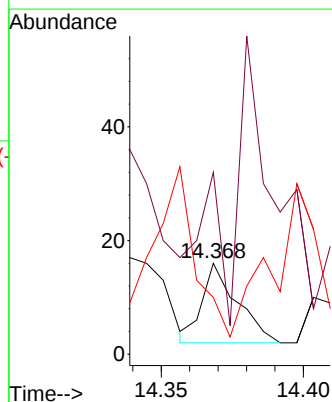
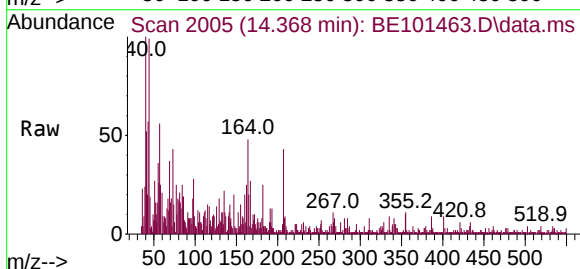
Tgt Ion:184 Resp: 12

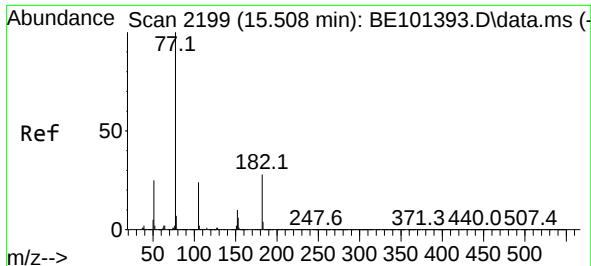
Ion Ratio Lower Upper

184 100

63 200.0 41.8 62.6#

154 62.5 44.9 67.3

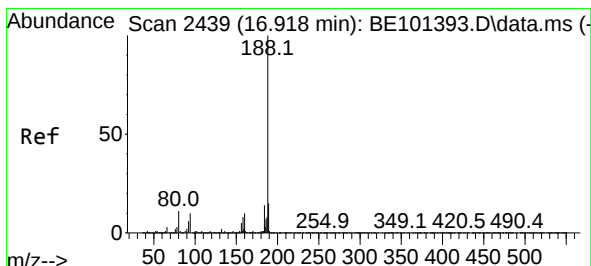
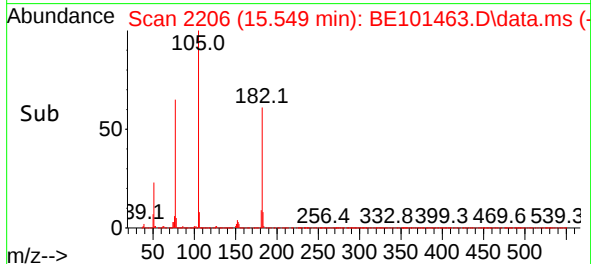
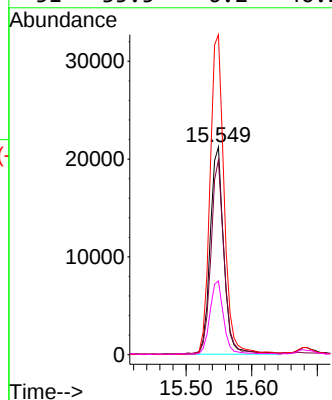
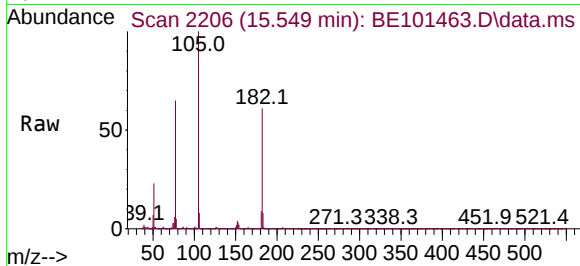




#63
Azobenzene
Concen: 2.857 ng
RT: 15.549 min Scan# 2199
Delta R.T. 0.041 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

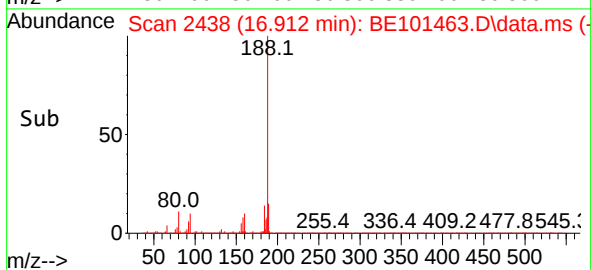
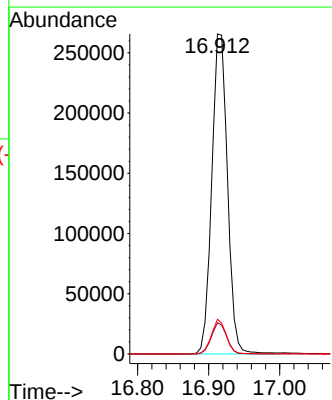
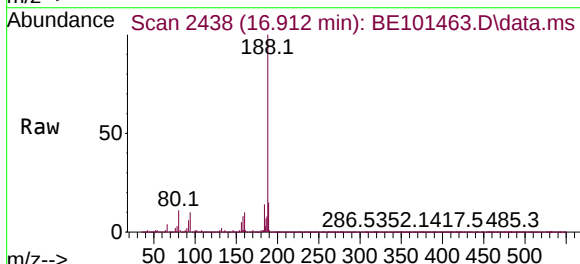
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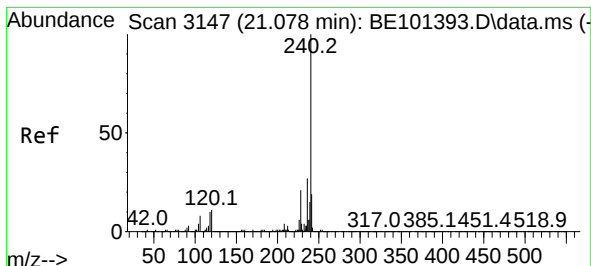
Tgt Ion: 77	Resp: 30457
Ion Ratio	Lower Upper
77 100	
182 93.7	7.6 47.6#
105 154.0	3.2 43.2#
51 35.5	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101463.D
Acq: 4 Nov 2024 19:50

Tgt Ion: 188	Resp: 408296
Ion Ratio	Lower Upper
188 100	
94 9.8	7.8 11.8
80 10.9	8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3146

Delta R.T. -0.006 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

Instrument :

BNA_E

ClientSampleId :

COMP-1

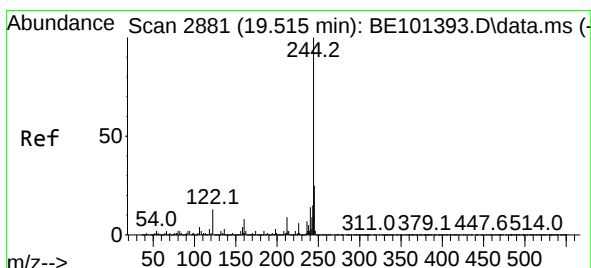
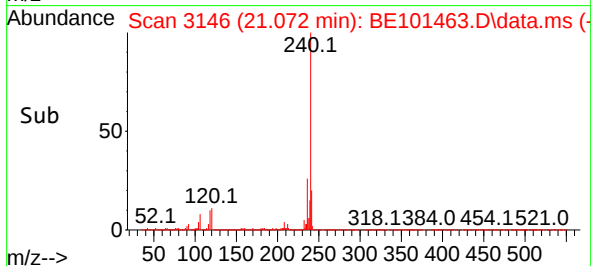
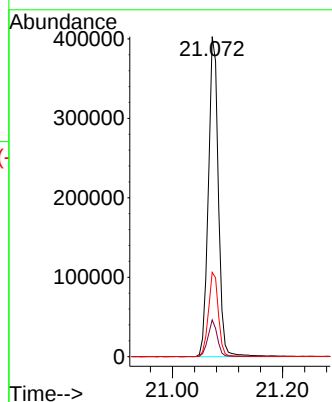
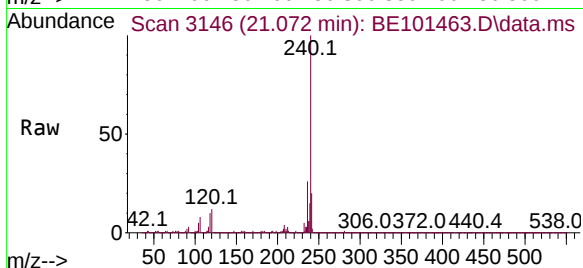
Tgt Ion:240 Resp: 504276

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 26.4 21.4 32.0



#79

Terphenyl-d14

Concen: 67.048 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101463.D

Acq: 4 Nov 2024 19:50

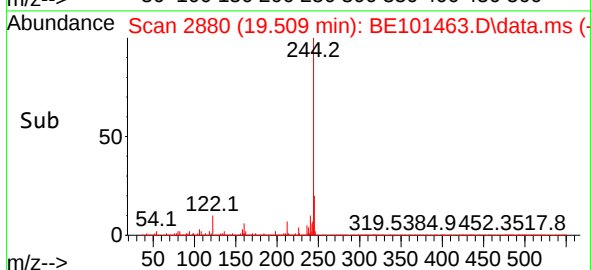
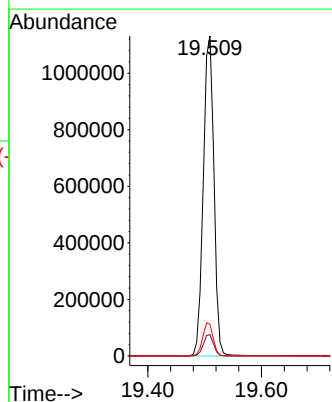
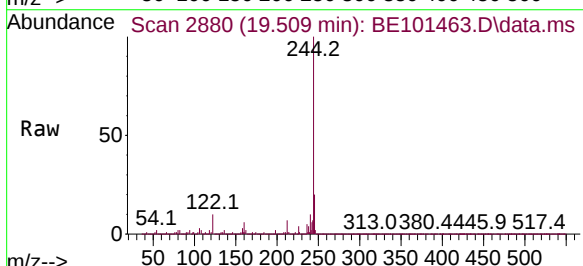
Tgt Ion:244 Resp: 1469048

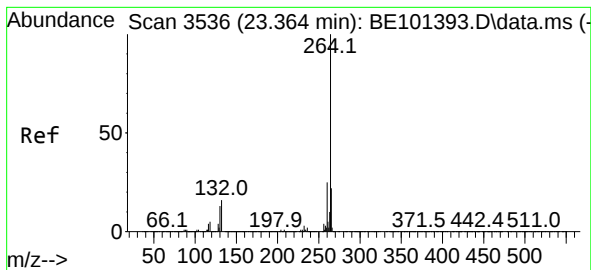
Ion Ratio Lower Upper

244 100

212 6.7 7.2 10.8#

122 9.9 10.4 15.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.364 min Scan# 3

Delta R.T. -0.000 min

Lab File: BE101463.D

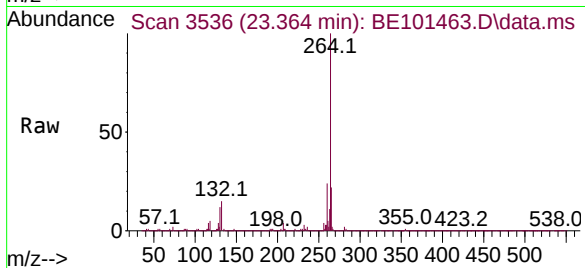
Acq: 4 Nov 2024 19:50

Instrument :

BNA_E

ClientSampleId :

COMP-1



Tgt Ion:264 Resp: 686079

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.8 17.6 26.4

