

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101462.D
 Acq On : 4 Nov 2024 19:14
 Operator : RC/JU
 Sample : P4675-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-3

Quant Time: Nov 04 22:07:21 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)

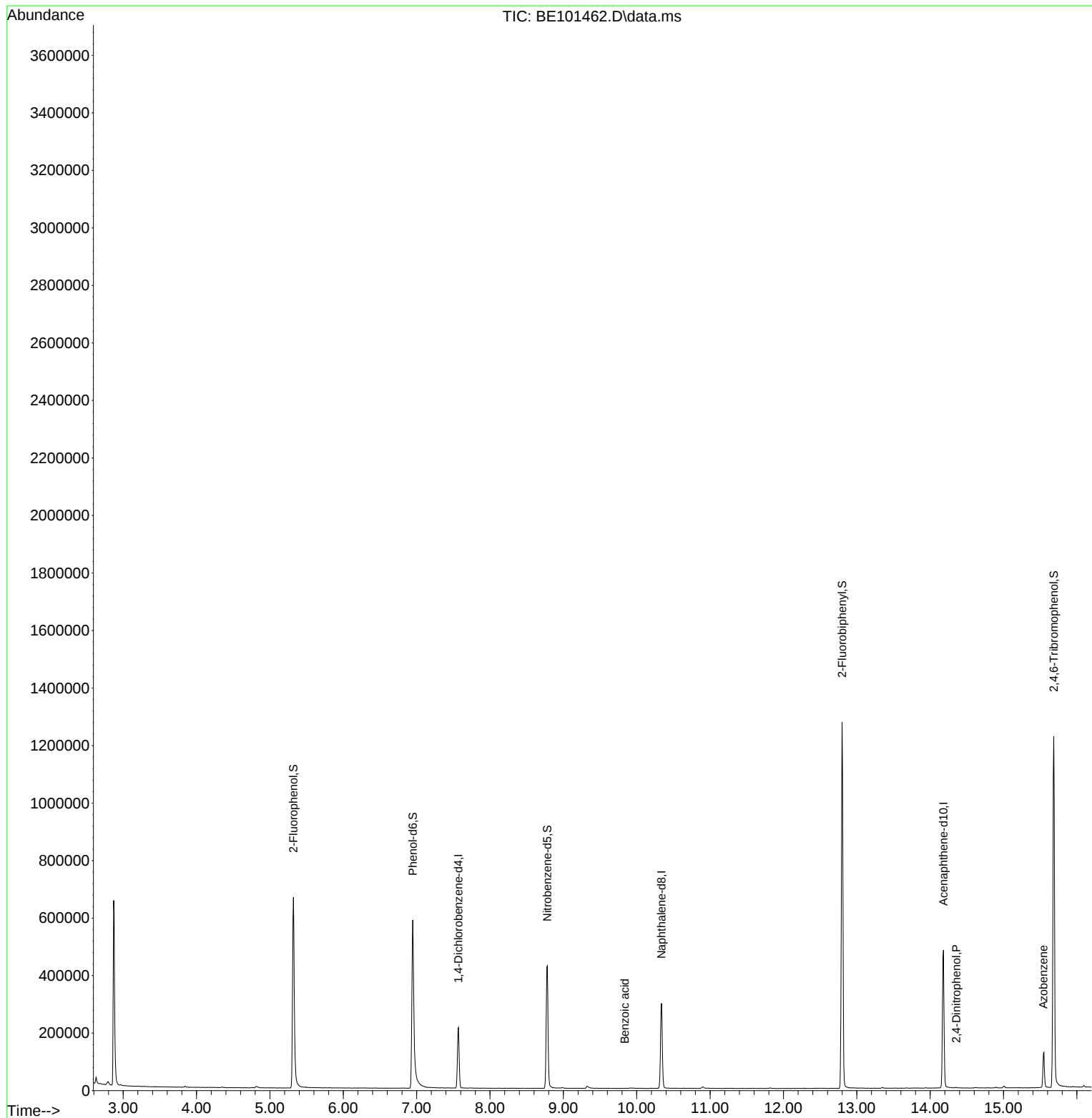
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	61218	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	261412	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	173354	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	407280	20.000	ng	0.00
76) Chrysene-d12	21.072	240	534040	20.000	ng	0.00
86) Perylene-d12	23.364	264	731364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	355499	101.779	ng	0.00
7) Phenol-d6	6.948	99	460168	95.013	ng	0.00
23) Nitrobenzene-d5	8.781	82	263382	63.282	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	317661	104.551	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	685227	66.941	ng	0.00
79) Terphenyl-d14	19.509	244	1539921	66.366	ng	0.00
Target Compounds						
32) Benzoic acid	9.838	122	26	8.223	ng	Qvalue 94
54) 2,4-Dinitrophenol	14.357	184	11	5.622	ng	# 1
63) Azobenzene	15.543	77	34439	3.130	ng	# 1

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

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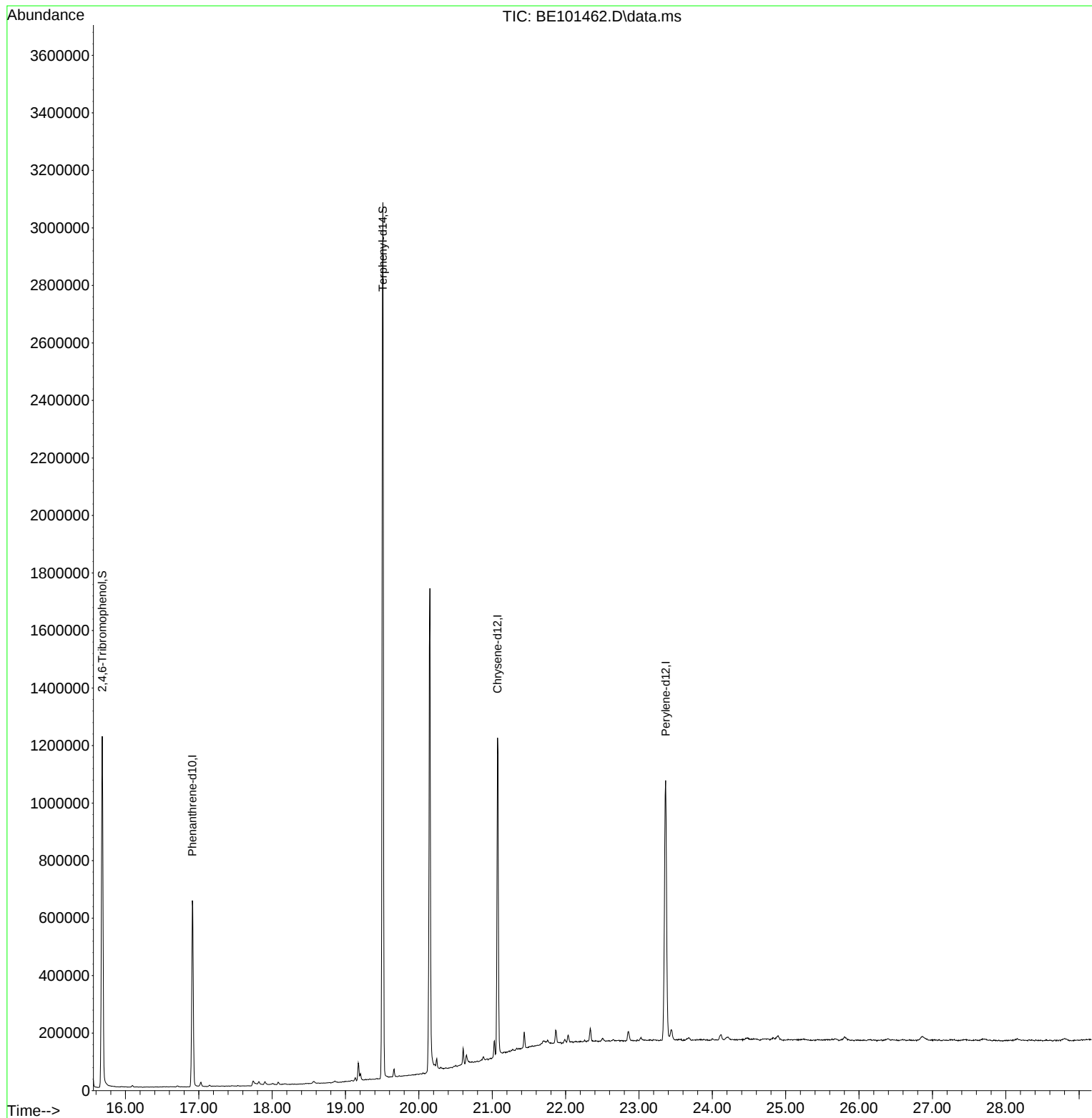
Quant Time: Nov 04 22:07:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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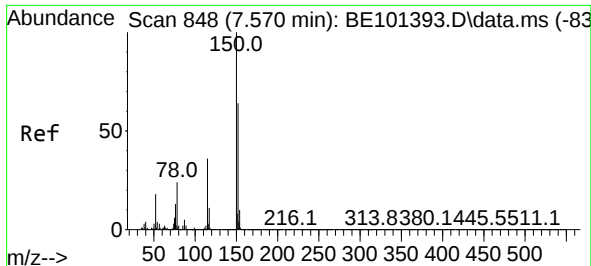


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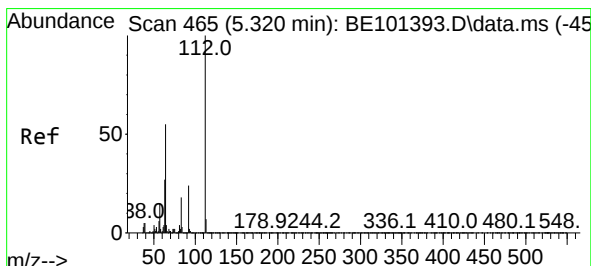
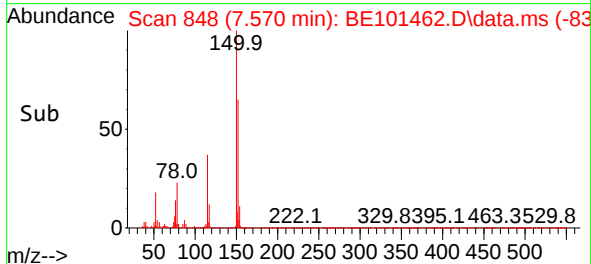
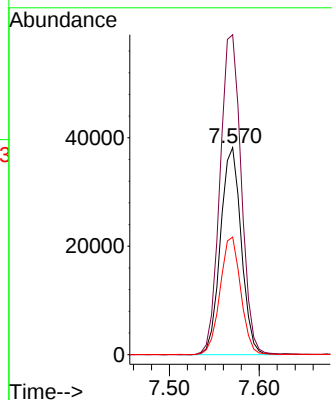
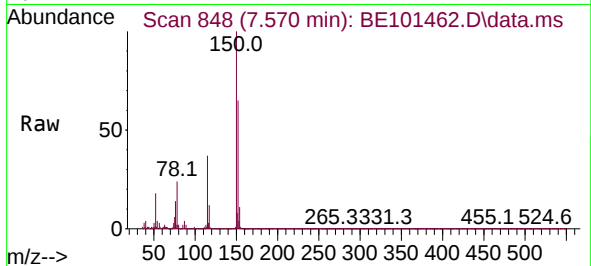




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

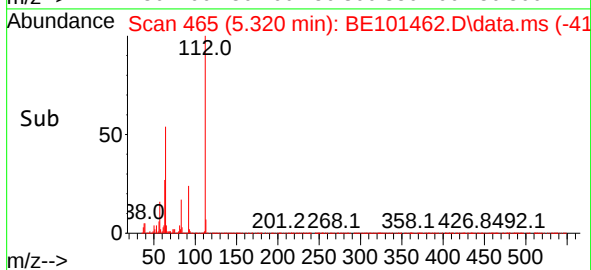
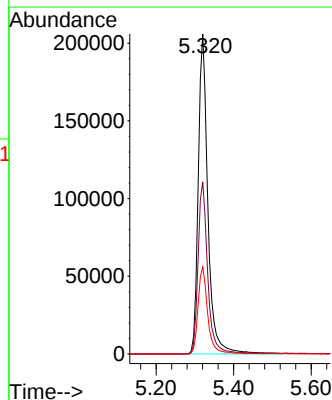
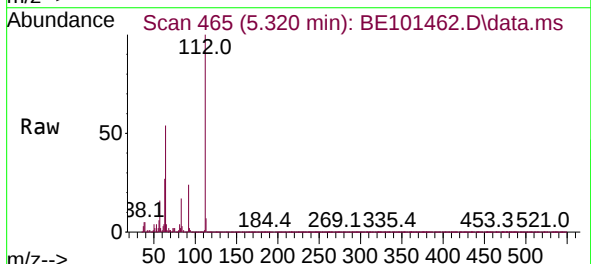
Instrument :
BNA_E
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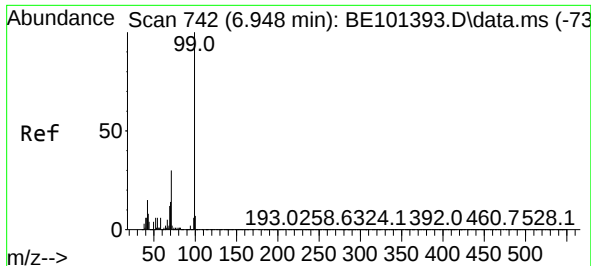
Tgt Ion:152 Resp: 61218
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.4
115 56.8 45.3 67.9



#5
2-Fluorophenol
Concen: 101.779 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

Tgt Ion:112 Resp: 355499
Ion Ratio Lower Upper
112 100
64 53.8 43.7 65.5
63 27.2 21.4 32.2

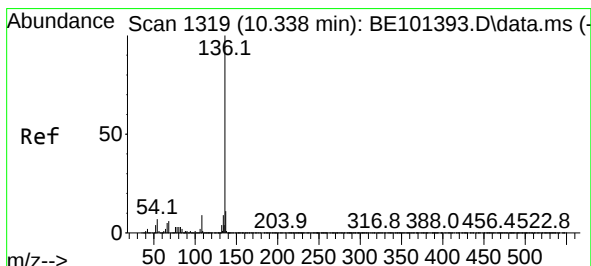
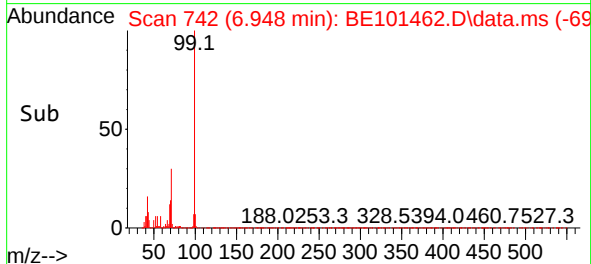
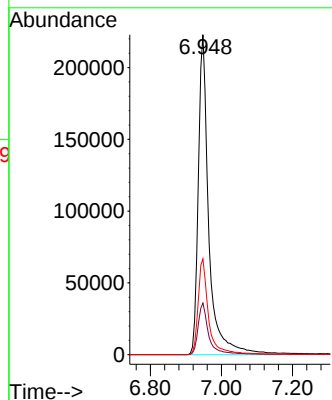
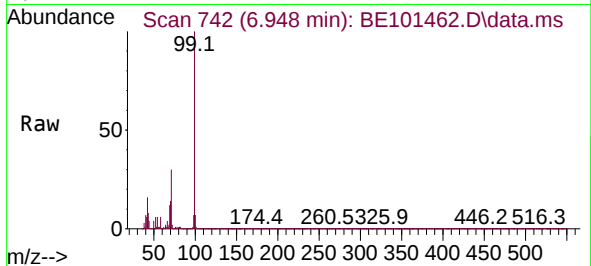




#7
Phenol-d6
Concen: 95.013 ng
RT: 6.948 min Scan# 742
Delta R.T. -0.000 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

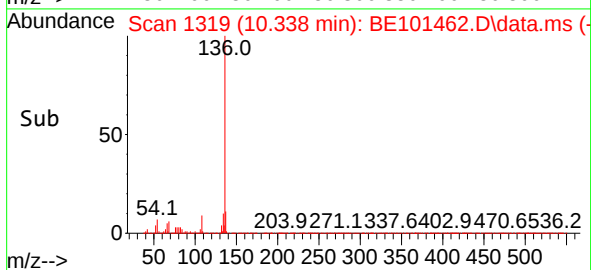
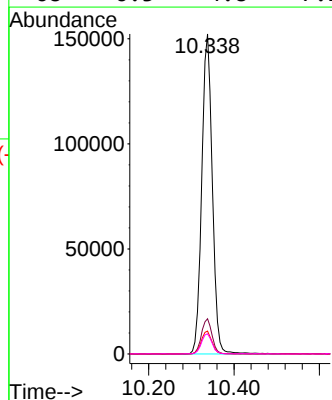
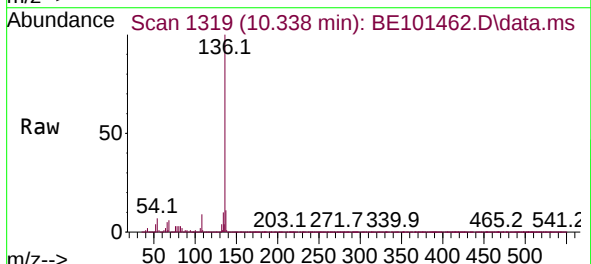
Instrument :
BNA_E
ClientSampleId :
COMP-3

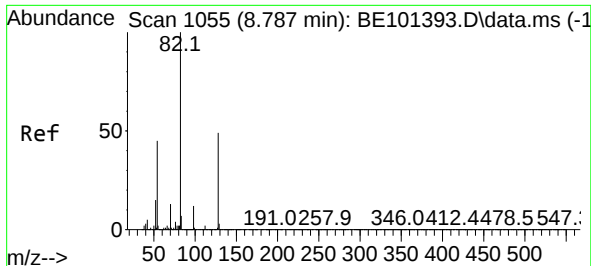
Tgt Ion: 99 Resp: 460168
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 29.9 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

Tgt Ion:136 Resp: 261412
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.1 5.9 8.9
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.282 ng

RT: 8.781 min Scan# 1055

Delta R.T. -0.006 min

Lab File: BE101462.D

Acq: 4 Nov 2024 19:14

Instrument :

BNA_E

ClientSampleId :

COMP-3

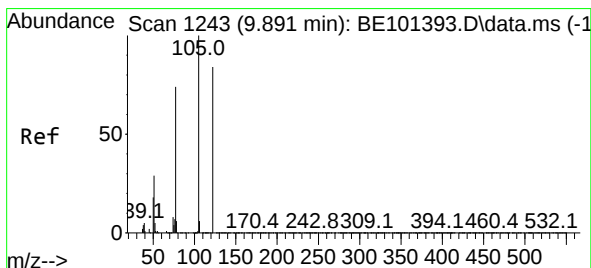
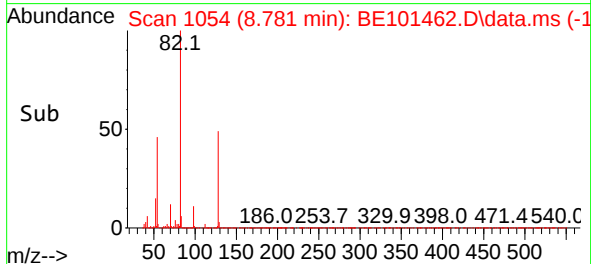
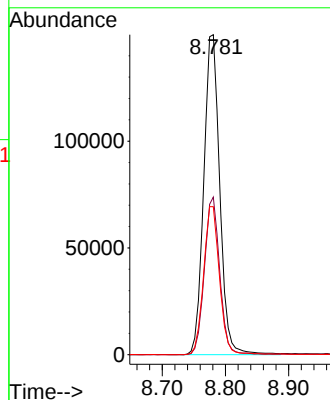
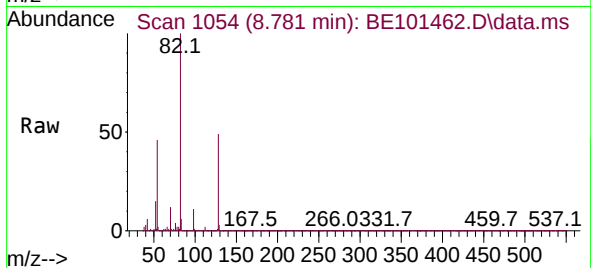
Tgt Ion: 82 Resp: 263382

Ion Ratio Lower Upper

82 100

128 49.2 38.9 58.3

54 46.3 36.2 54.4



#32

Benzoic acid

Concen: 8.223 ng

RT: 9.838 min Scan# 1234

Delta R.T. -0.053 min

Lab File: BE101462.D

Acq: 4 Nov 2024 19:14

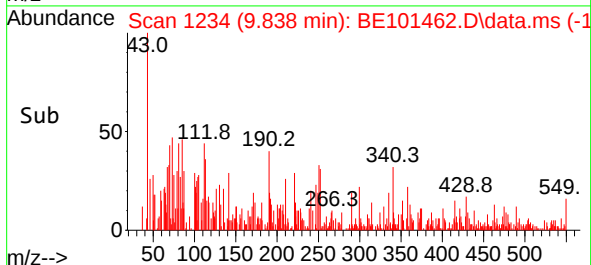
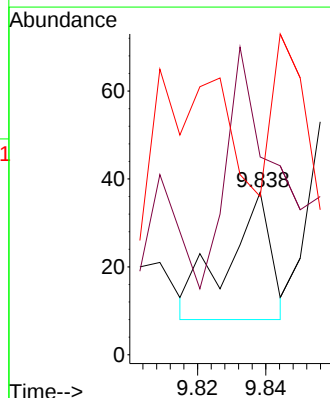
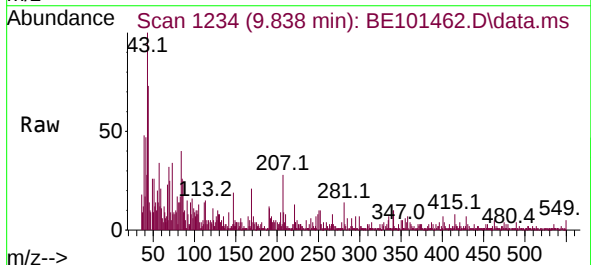
Tgt Ion: 122 Resp: 26

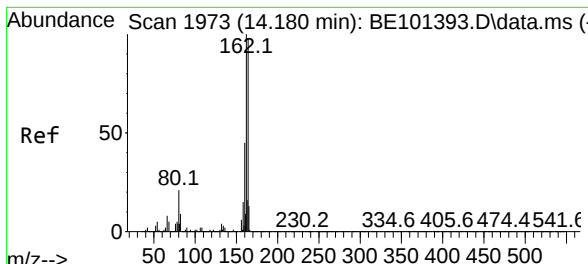
Ion Ratio Lower Upper

122 100

105 121.6 97.9 137.9

77 97.3 68.1 108.1

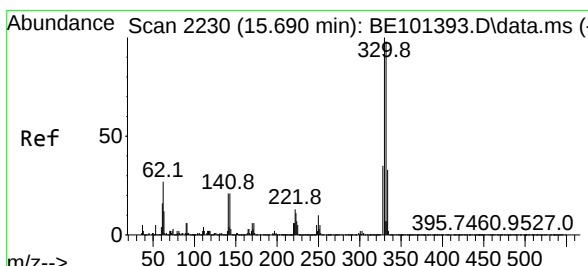
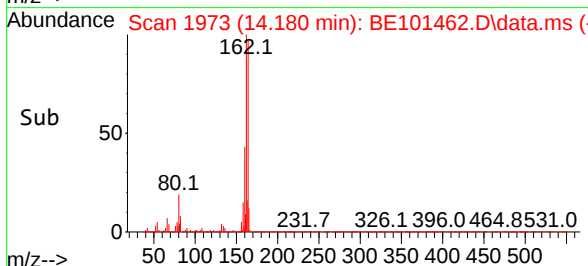
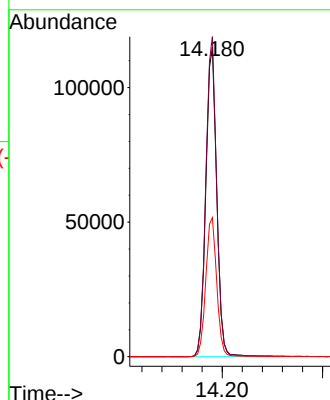
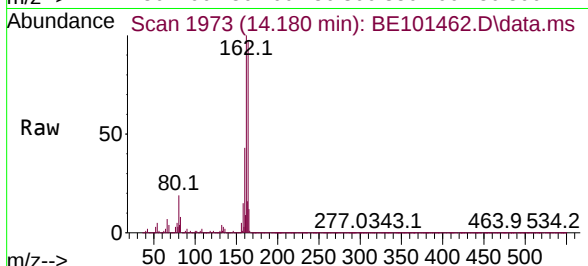




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

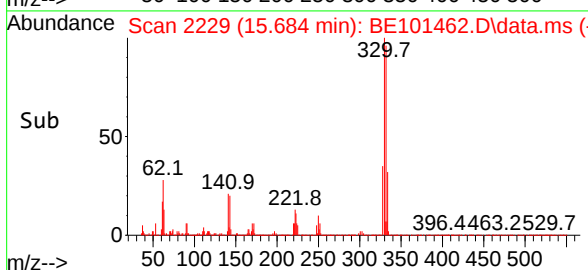
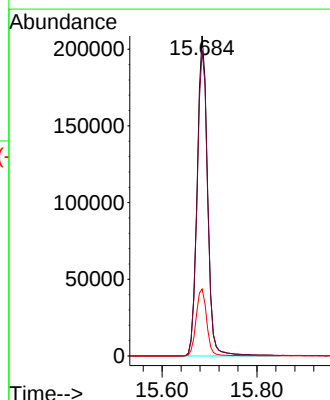
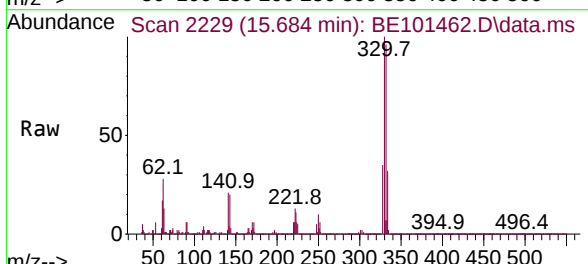
Instrument :
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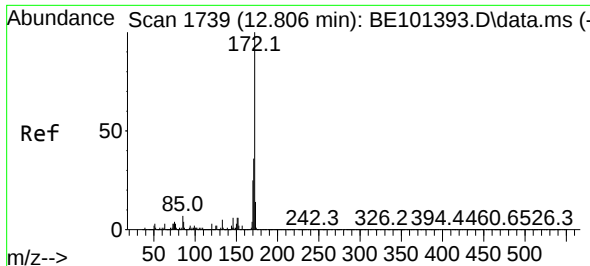
Tgt Ion:164 Resp: 173354
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 104.551 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

Tgt Ion:330 Resp: 317661
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.2
141 21.4 18.3 27.5

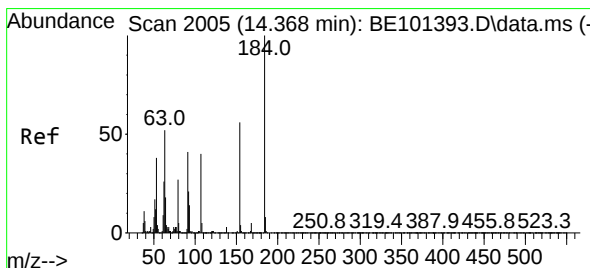
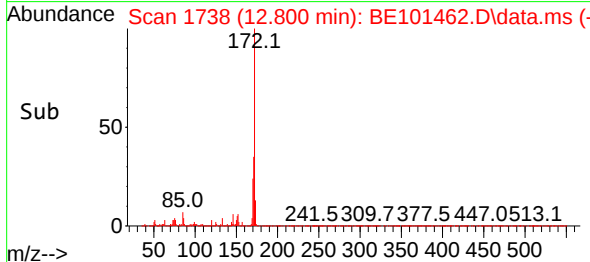
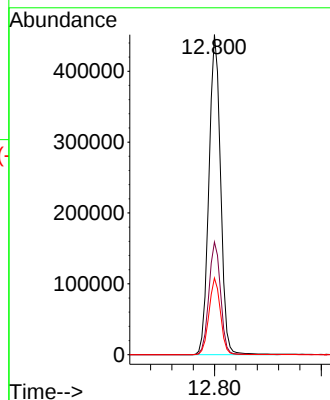
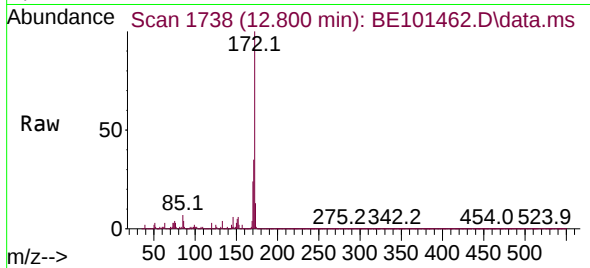




#45
2-Fluorobiphenyl
Concen: 66.941 ng
RT: 12.800 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

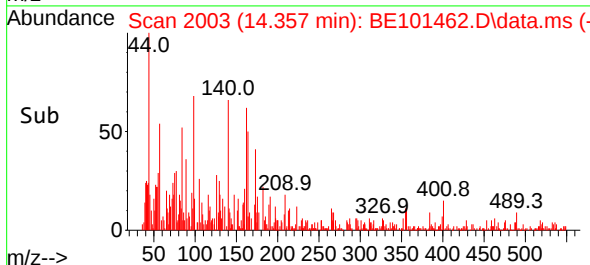
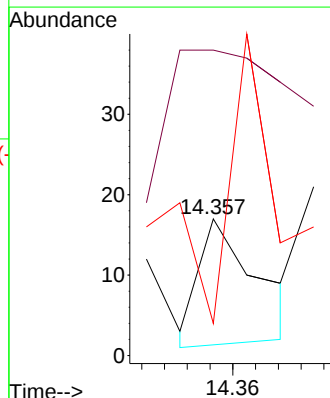
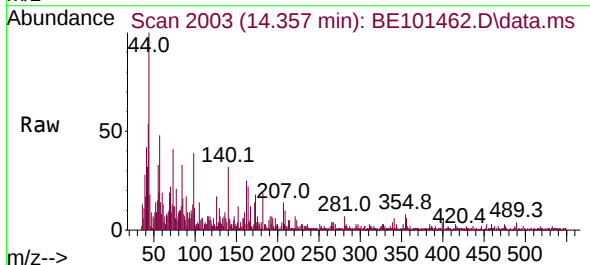
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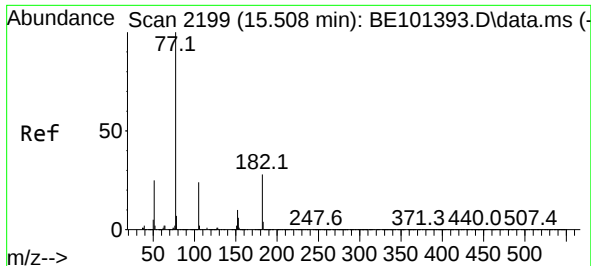
Tgt Ion:172 Resp: 685227
Ion Ratio Lower Upper
172 100
171 35.2 29.2 43.8
170 24.0 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.622 ng
RT: 14.357 min Scan# 2003
Delta R.T. -0.011 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 223.5 41.8 62.6#
154 23.5 44.9 67.3#

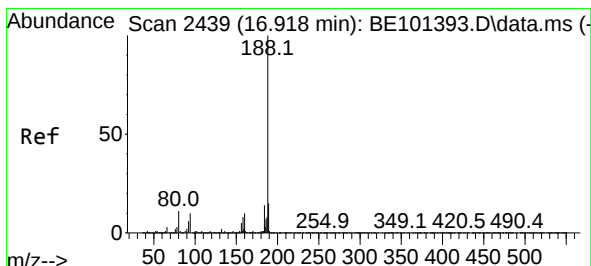
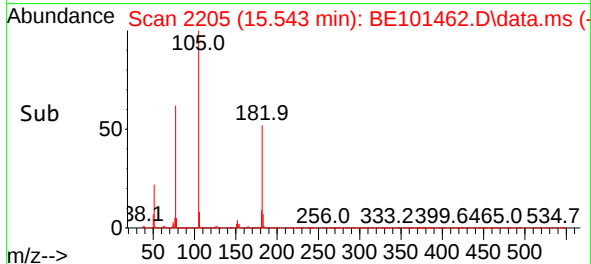
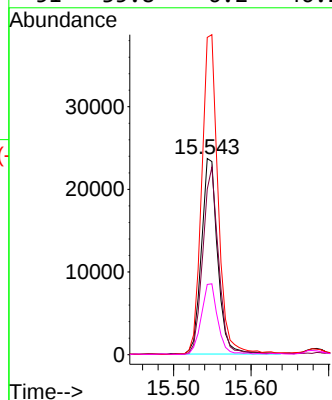
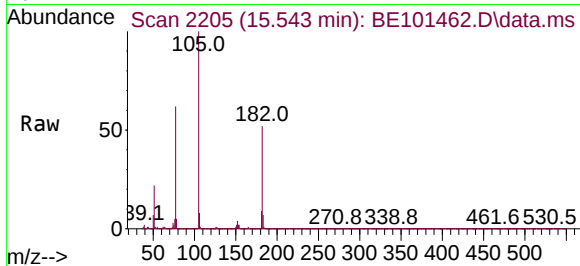




#63
Azobenzene
Concen: 3.130 ng
RT: 15.543 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

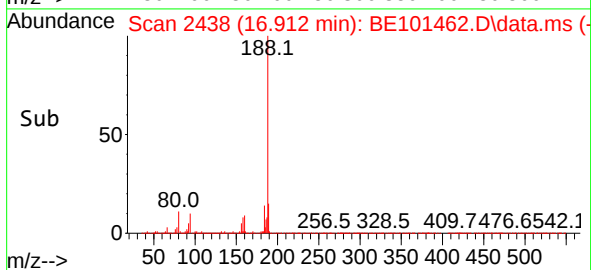
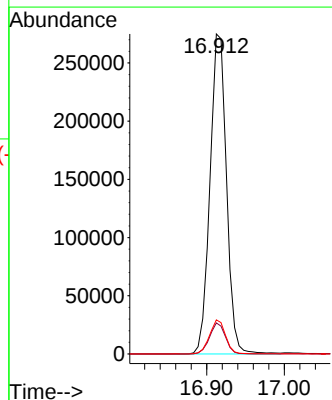
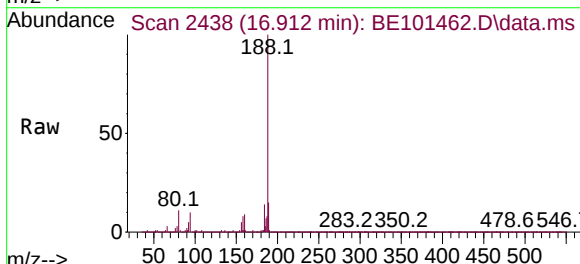
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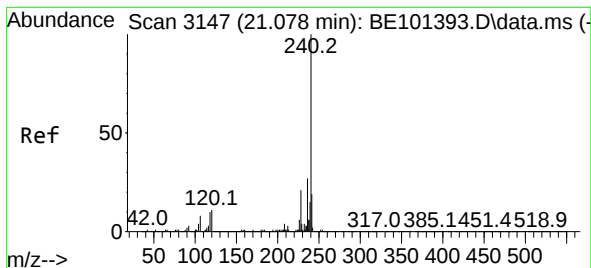
Tgt Ion: 77 Resp: 34439
Ion Ratio Lower Upper
77 100
182 84.4 7.6 47.6#
105 161.8 3.2 43.2#
51 35.8 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101462.D
Acq: 4 Nov 2024 19:14

Tgt Ion:188 Resp: 407280
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.6 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 3147

Delta R.T. -0.006 min

Lab File: BE101462.D

Acq: 4 Nov 2024 19:14

Instrument :

BNA_E

ClientSampleId :

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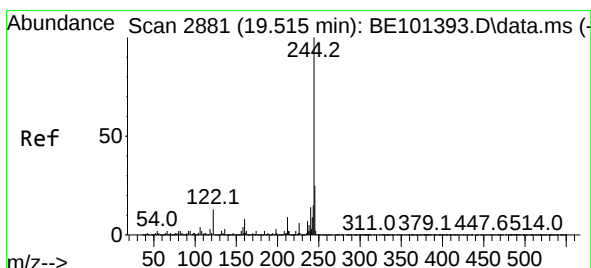
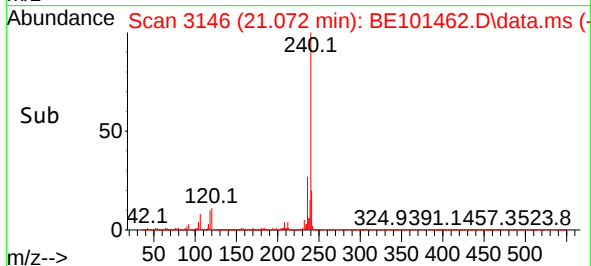
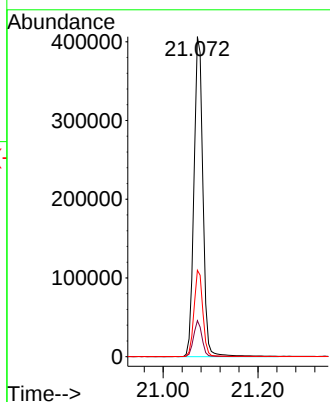
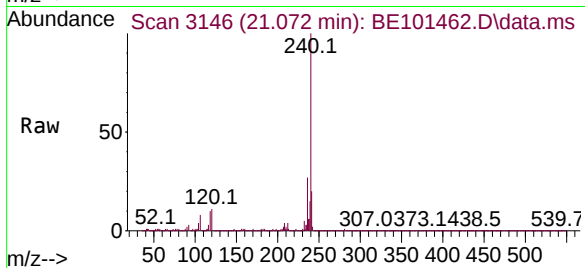
Tgt Ion:240 Resp: 534040

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 27.0 21.4 32.0



#79

Terphenyl-d14

Concen: 66.366 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101462.D

Acq: 4 Nov 2024 19:14

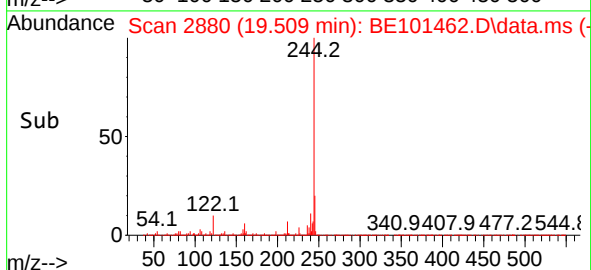
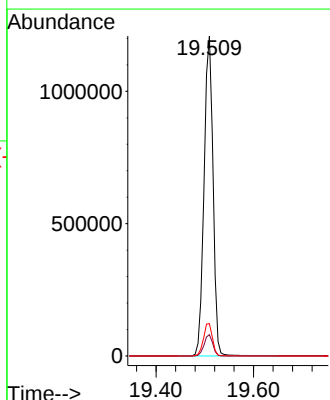
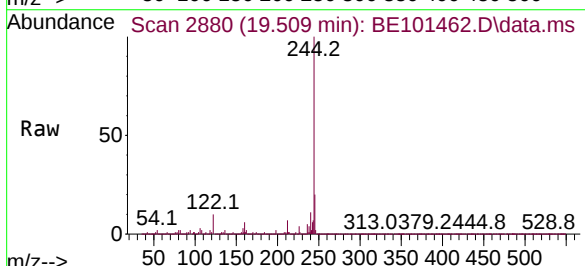
Tgt Ion:244 Resp: 1539921

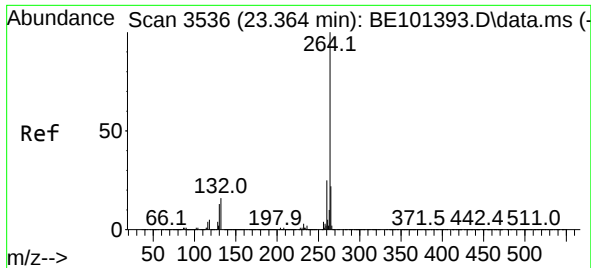
Ion Ratio Lower Upper

244 100

212 6.7 7.2 10.8#

122 10.1 10.4 15.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.364 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BE101462.D
 Acq: 4 Nov 2024 19:14

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 731364
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.8
 265 21.7 17.6 26.4

