

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101468.D
 Acq On : 4 Nov 2024 22:49
 Operator : RC/JU
 Sample : P4667-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-6

Quant Time: Nov 04 23:11:59 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)

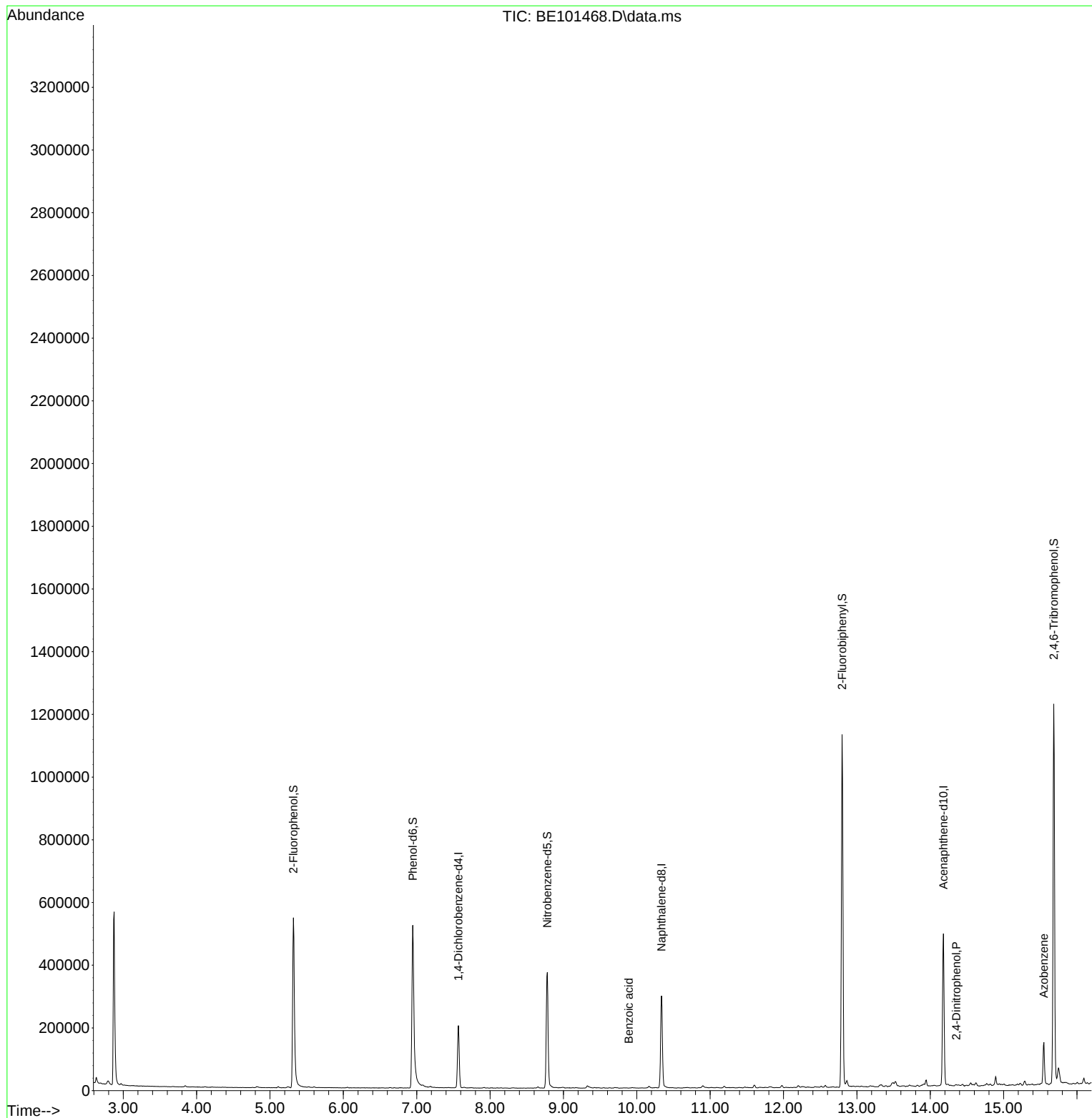
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	57642	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	255503	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	174731	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	419906	20.000	ng	0.00
76) Chrysene-d12	21.077	240	518554	20.000	ng	0.00
86) Perylene-d12	23.362	264	675111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	297394	90.426	ng	0.00
7) Phenol-d6	6.946	99	411740	90.288	ng	0.00
23) Nitrobenzene-d5	8.780	82	226210	55.608	ng	0.00
42) 2,4,6-Tribromophenol	15.683	330	298499	97.470	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	600992	58.250	ng	0.00
79) Terphenyl-d14	19.508	244	1341471	59.540	ng	0.00
Target Compounds						
32) Benzoic acid	9.890	122	20	8.222	ng	Qvalue # 30
54) 2,4-Dinitrophenol	14.355	184	29	5.630	ng	# 1
63) Azobenzene	15.548	77	38441	3.467	ng	# 1

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

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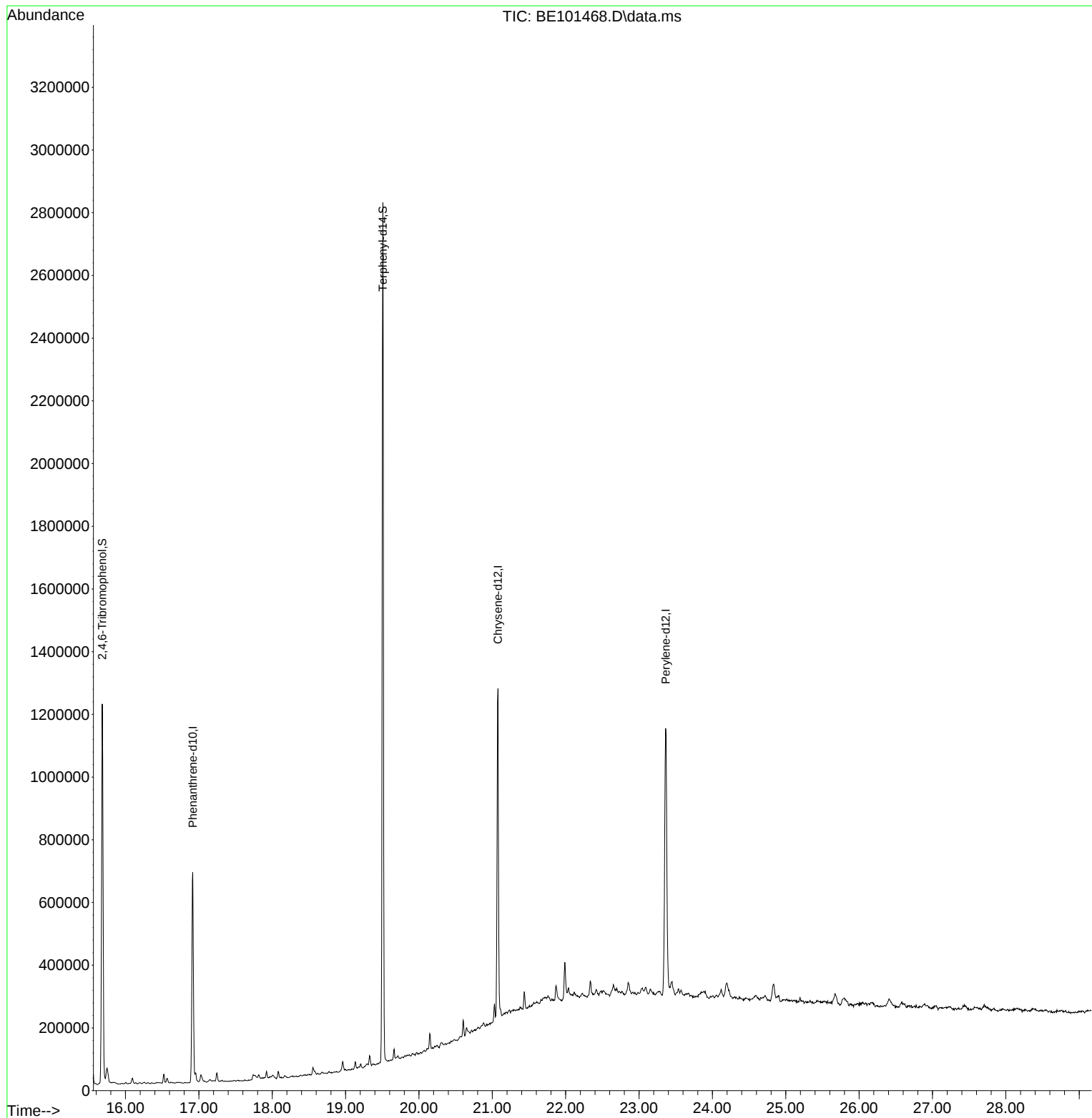
Quant Time: Nov 04 23:11:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

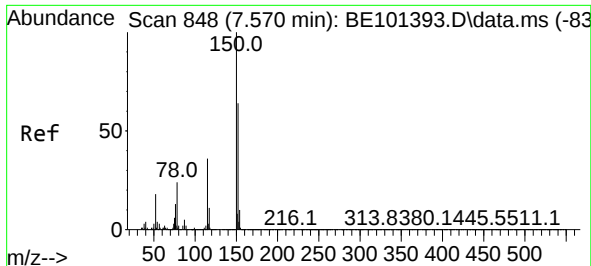


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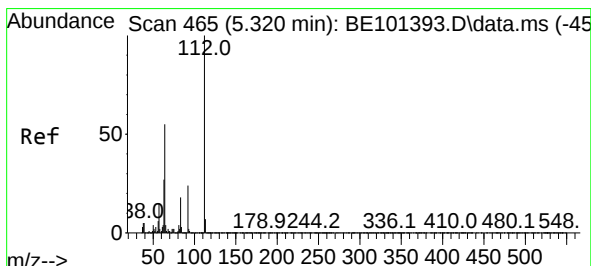
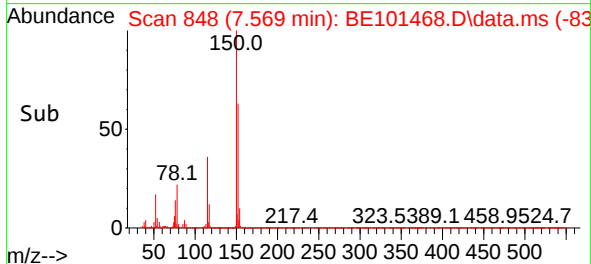
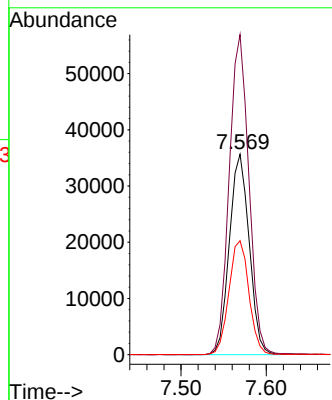
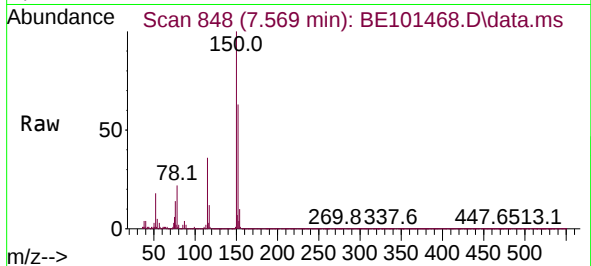




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

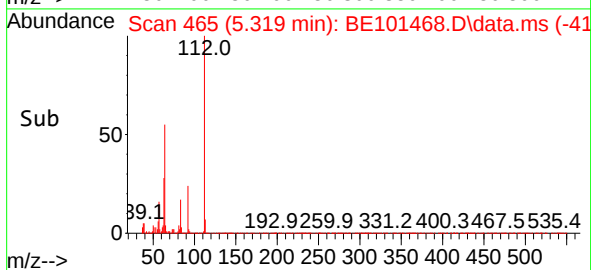
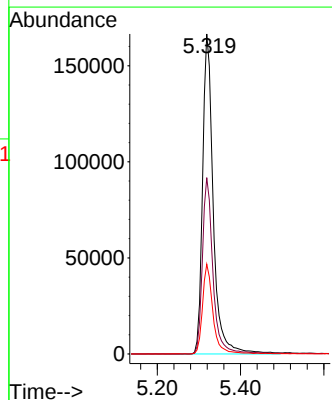
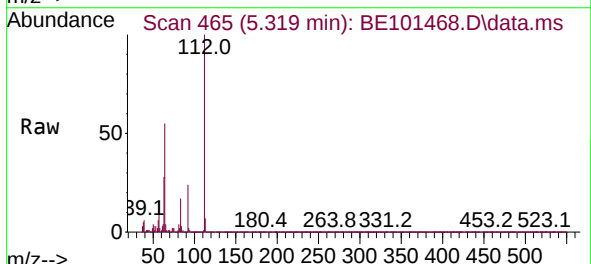
Instrument :
BNA_E
ClientSampleId :
BP-F-6

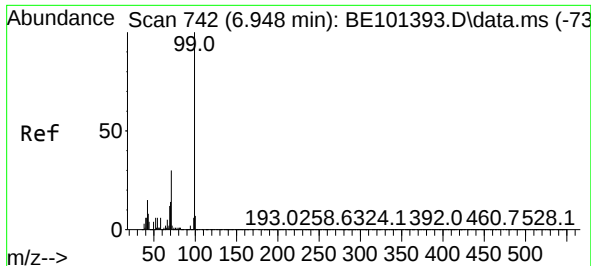
Tgt Ion:152 Resp: 57642
Ion Ratio Lower Upper
152 100
150 159.6 124.2 186.4
115 56.9 45.3 67.9



#5
2-Fluorophenol
Concen: 90.426 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:112 Resp: 297394
Ion Ratio Lower Upper
112 100
64 55.1 43.7 65.5
63 28.1 21.4 32.2

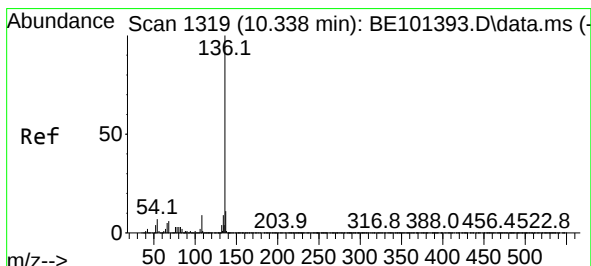
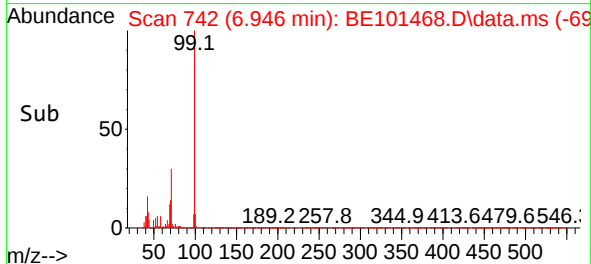
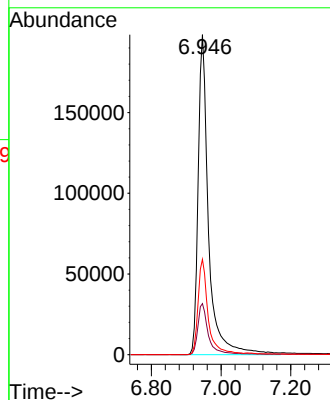
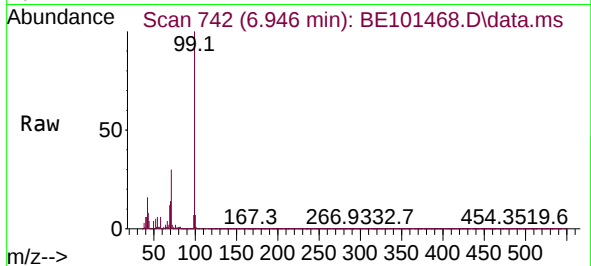




#7
Phenol-d6
Concen: 90.288 ng
RT: 6.946 min Scan# 742
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

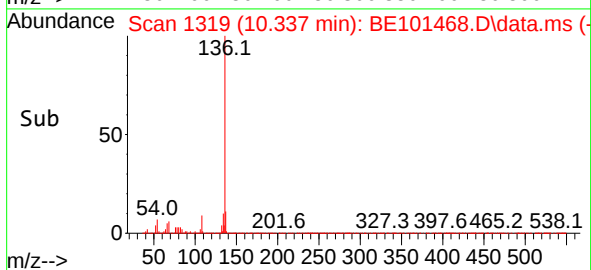
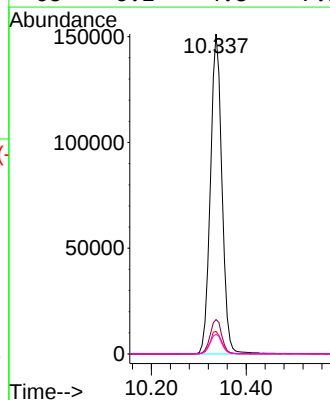
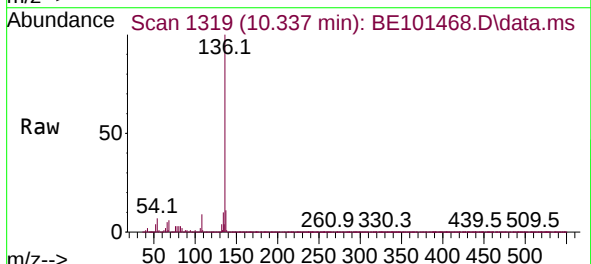
Instrument :
BNA_E
ClientSampleId :
BP-F-6

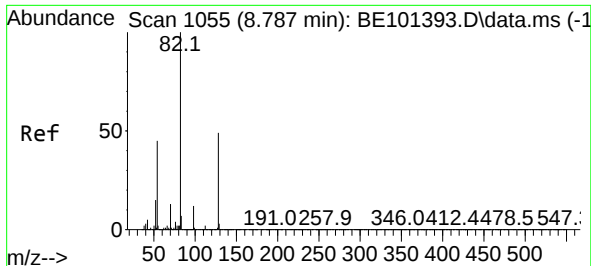
Tgt Ion: 99 Resp: 411740
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 29.8 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion: 136 Resp: 255503
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.0 5.9 8.9
68 6.2 4.8 7.2

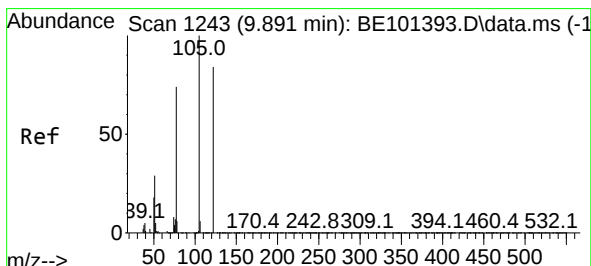
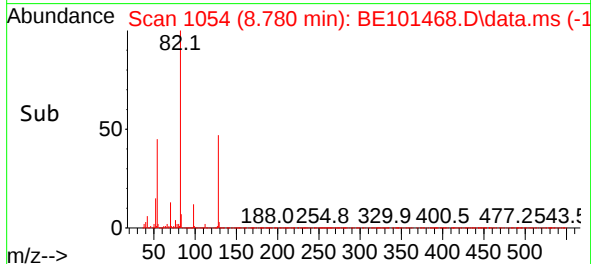
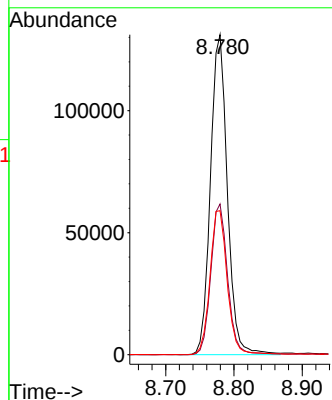
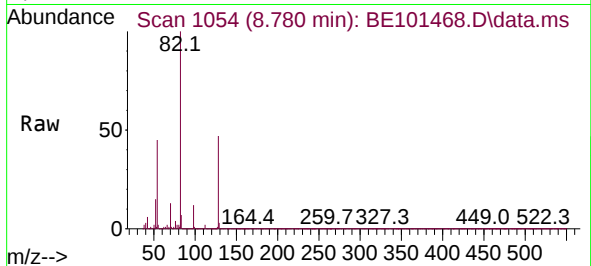




#23
Nitrobenzene-d5
Concen: 55.608 ng
RT: 8.780 min Scan# 1055
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

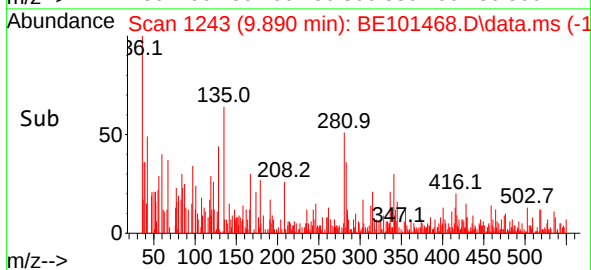
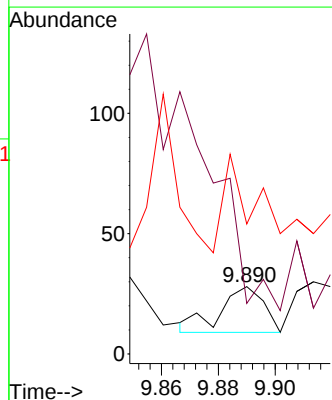
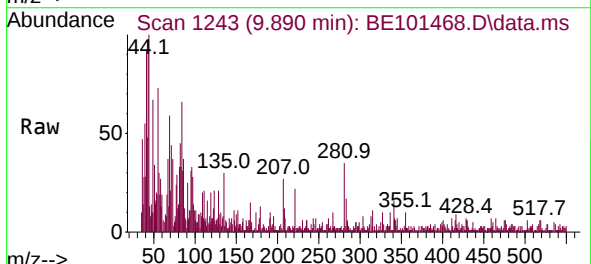
Instrument :
BNA_E
ClientSampleId :
BP-F-6

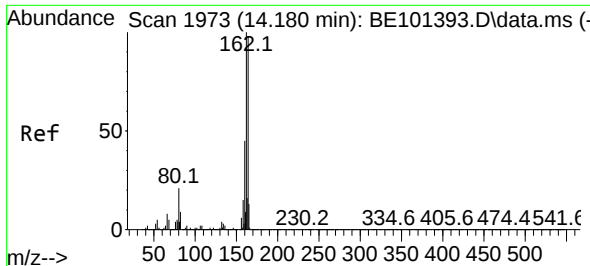
Tgt Ion: 82 Resp: 226210
Ion Ratio Lower Upper
82 100
128 47.1 38.9 58.3
54 45.0 36.2 54.4



#32
Benzoic acid
Concen: 8.222 ng
RT: 9.890 min Scan# 1243
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 75.0 97.9 137.9#
77 192.9 68.1 108.1#

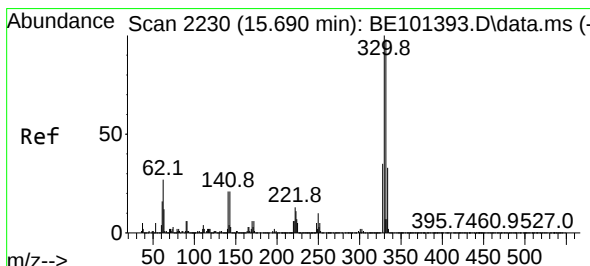
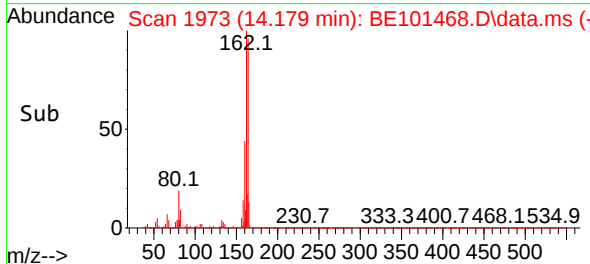
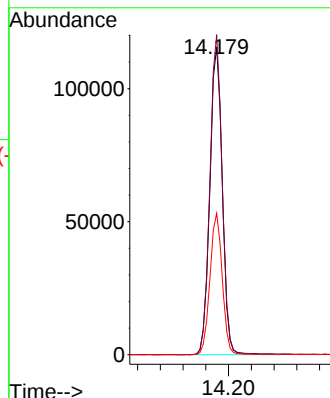
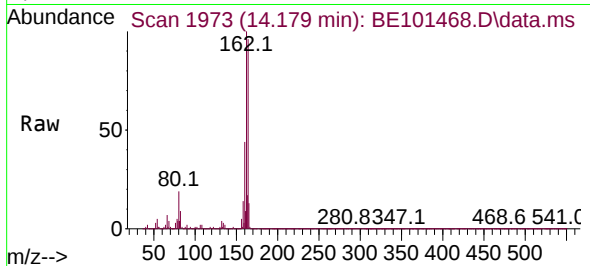




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

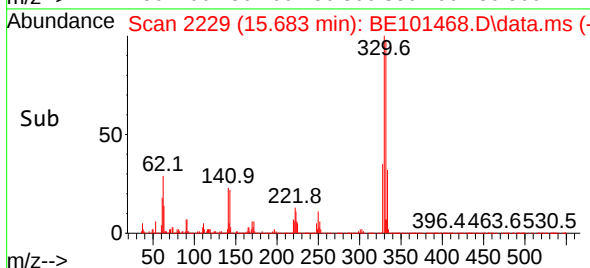
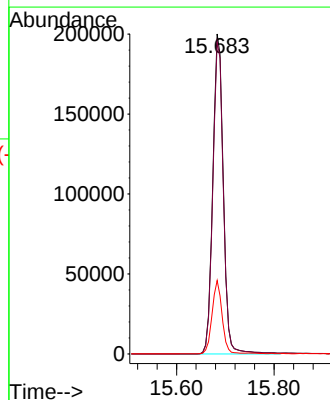
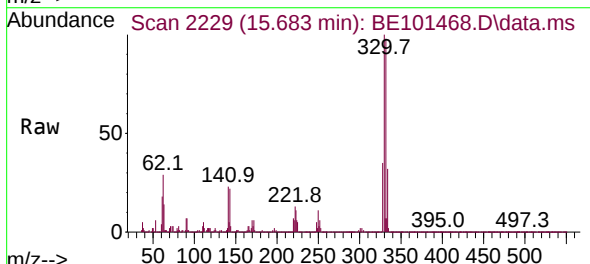
Instrument :
BNA_E
ClientSampleId :
BP-F-6

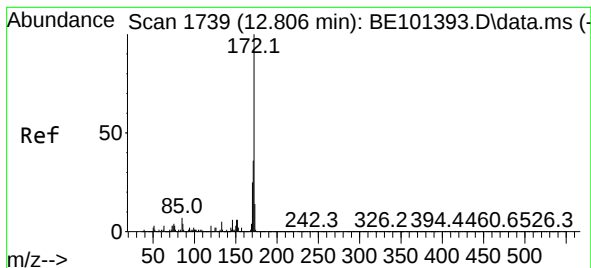
Tgt Ion:164 Resp: 174731
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 45.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 97.470 ng
RT: 15.683 min Scan# 2229
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:330 Resp: 298499
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.2
141 21.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 58.250 ng

RT: 12.798 min Scan# 1

Delta R.T. -0.007 min

Lab File: BE101468.D

Acq: 4 Nov 2024 22:49

Instrument :

BNA_E

ClientSampleId :

BP-F-6

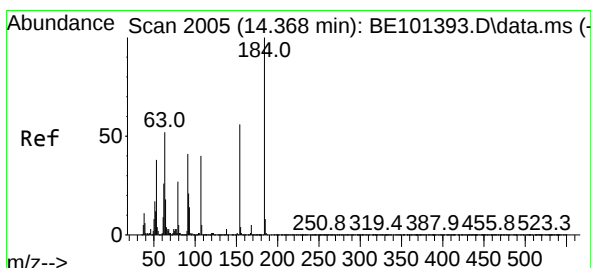
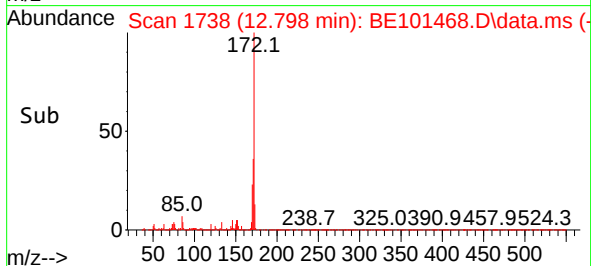
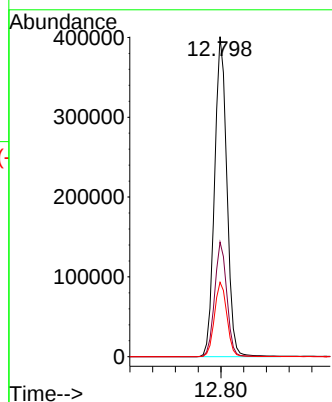
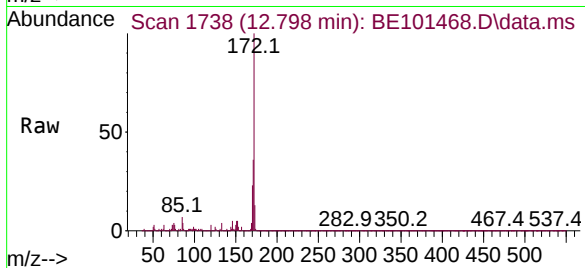
Tgt Ion:172 Resp: 600992

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.3 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.630 ng

RT: 14.355 min Scan# 2003

Delta R.T. -0.013 min

Lab File: BE101468.D

Acq: 4 Nov 2024 22:49

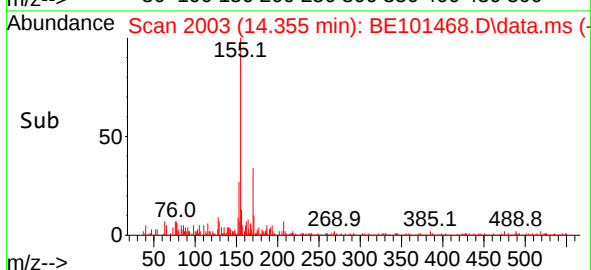
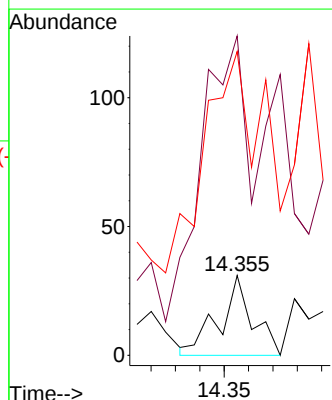
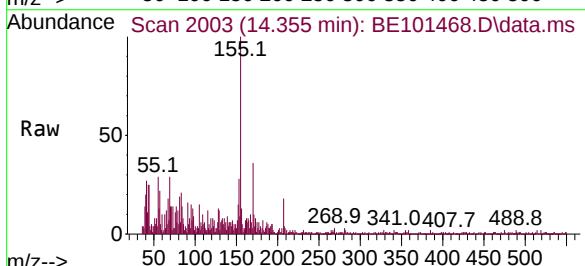
Tgt Ion:184 Resp: 29

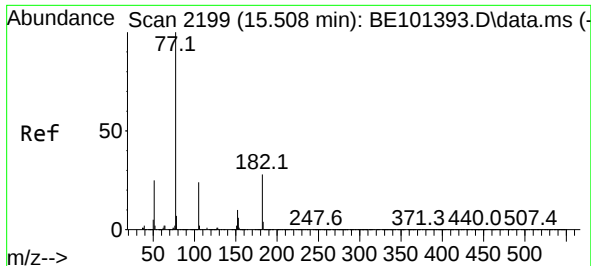
Ion Ratio Lower Upper

184 100

63 400.0 41.8 62.6#

154 380.6 44.9 67.3#

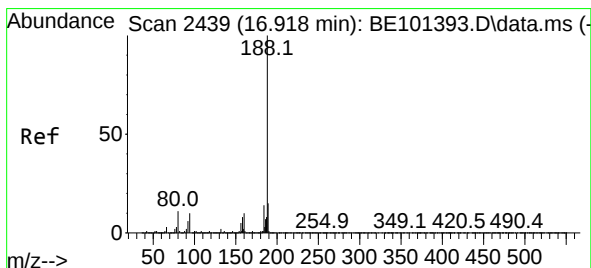
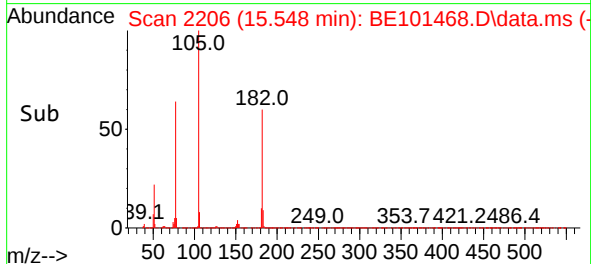
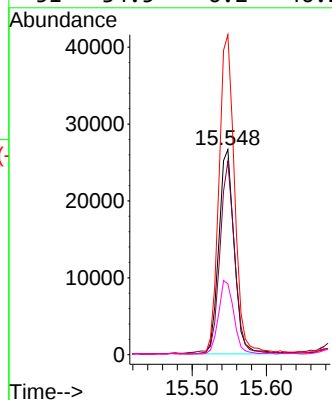
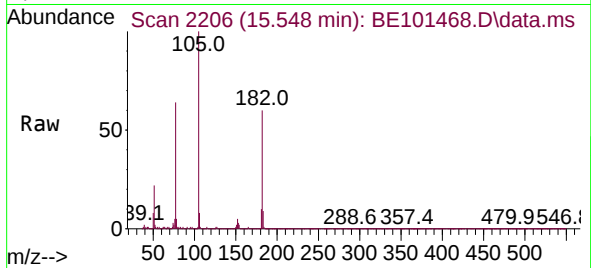




#63
Azobenzene
Concen: 3.467 ng
RT: 15.548 min Scan# 2199
Delta R.T. 0.040 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

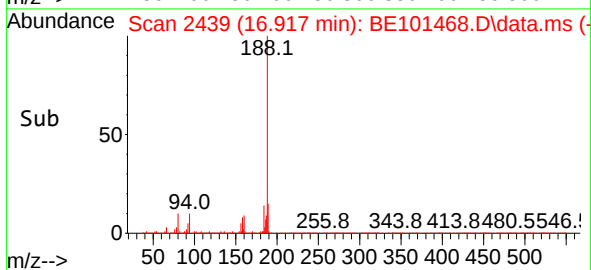
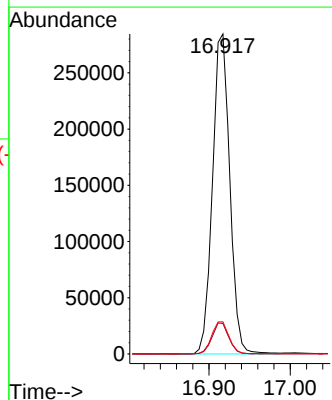
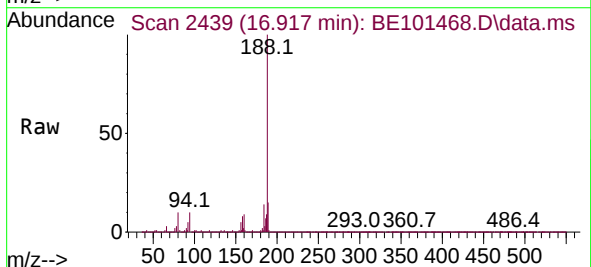
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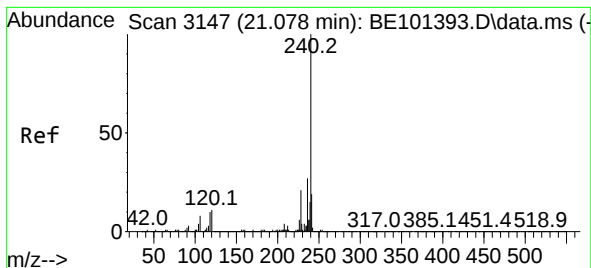
Tgt Ion: 77 Resp: 38441
Ion Ratio Lower Upper
77 100
182 94.2 7.6 47.6#
105 156.0 3.2 43.2#
51 34.5 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion: 188 Resp: 419906
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.1 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.077 min Scan# 3147

Delta R.T. -0.001 min

Lab File: BE101468.D

Acq: 4 Nov 2024 22:49

Instrument :

BNA_E

ClientSampleId :

BP-F-6

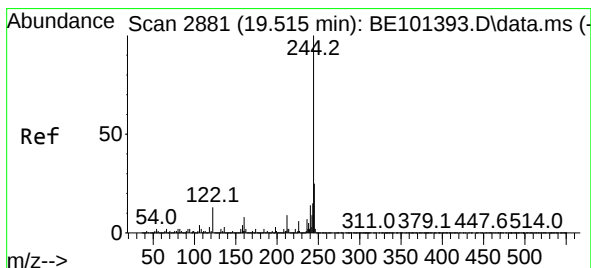
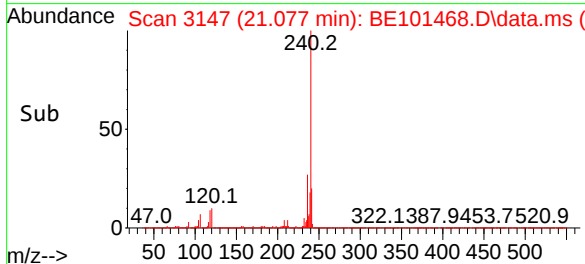
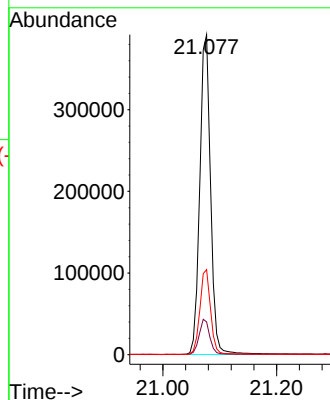
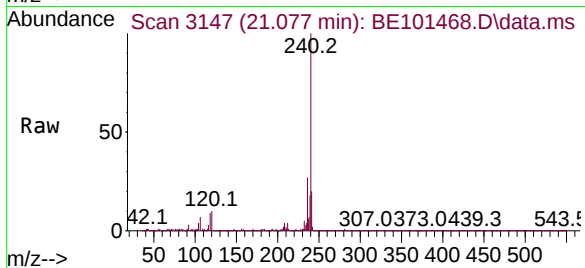
Tgt Ion:240 Resp: 518554

Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.6 21.4 32.0



#79

Terphenyl-d14

Concen: 59.540 ng

RT: 19.508 min Scan# 2880

Delta R.T. -0.007 min

Lab File: BE101468.D

Acq: 4 Nov 2024 22:49

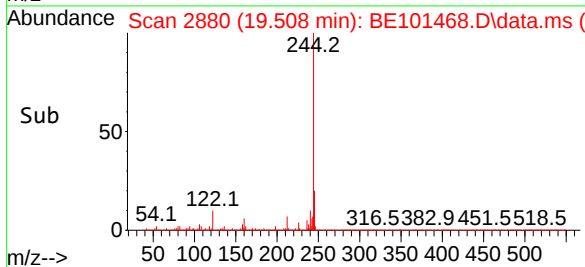
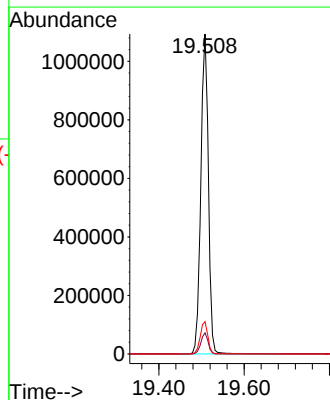
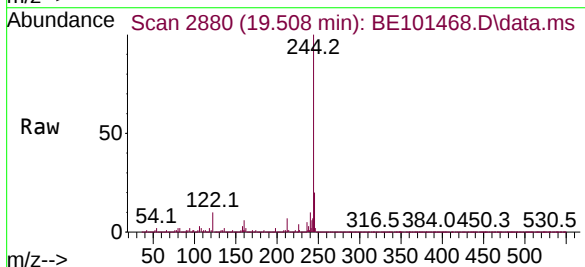
Tgt Ion:244 Resp: 1341471

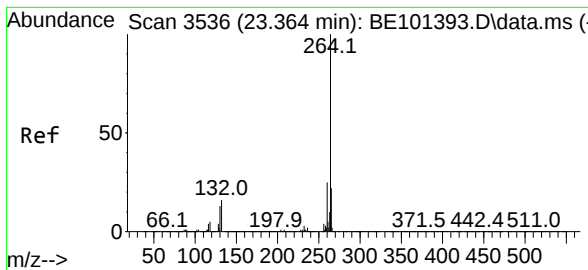
Ion Ratio Lower Upper

244 100

212 6.6 7.2 10.8#

122 10.1 10.4 15.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.362 min Scan# 3

Delta R.T. -0.001 min

Lab File: BE101468.D

Acq: 4 Nov 2024 22:49

Instrument :

BNA_E

ClientSampleId :

BP-F-6

Tgt Ion:264 Resp: 675111

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.7 17.6 26.4

