

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101509.D
 Acq On : 6 Nov 2024 23:27
 Operator : RC/JU
 Sample : P4667-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-5

Quant Time: Nov 07 01:06:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

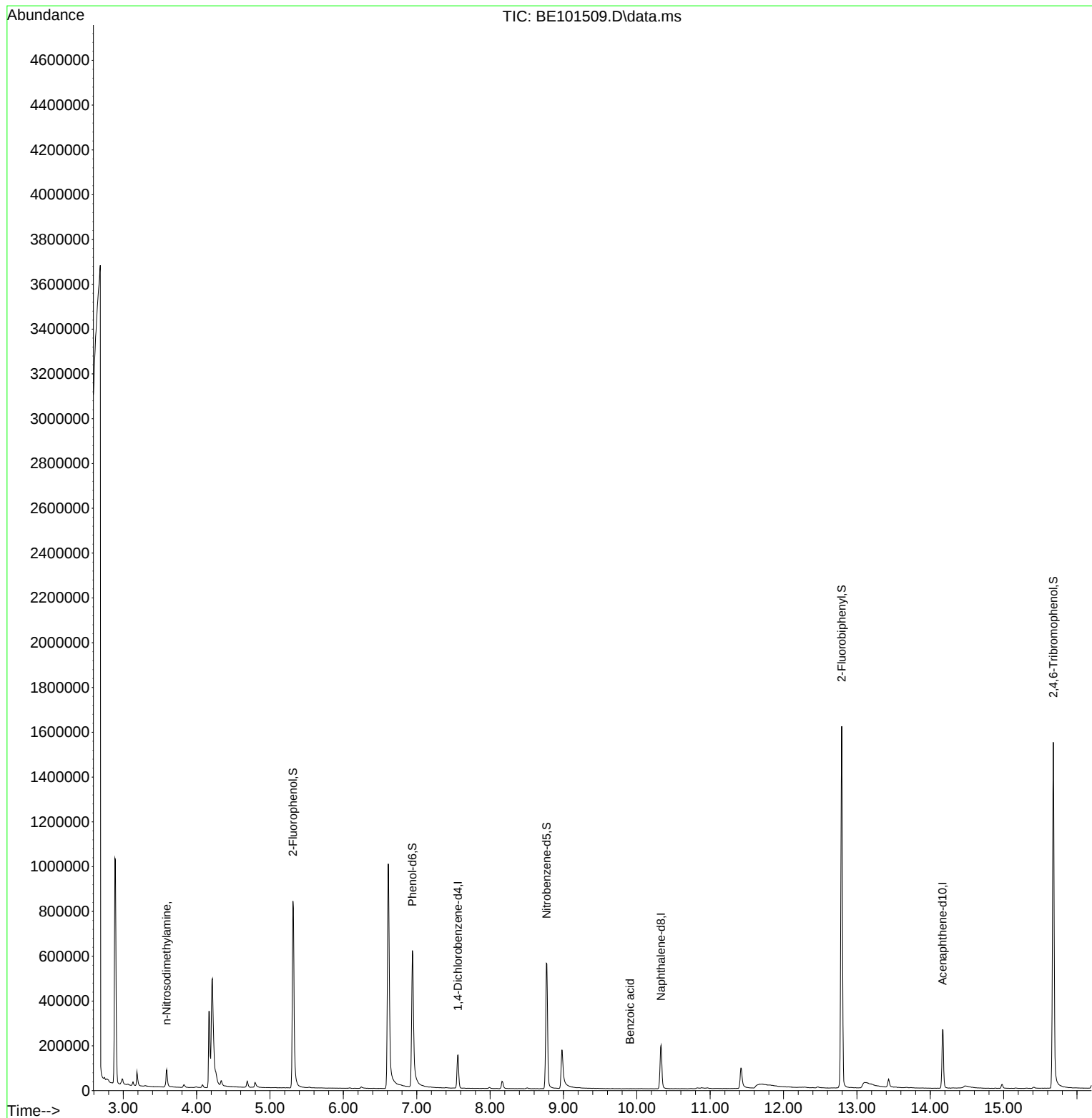
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	43550	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	182213	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	84237	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	273041	20.000	ng	0.00
76) Chrysene-d12	21.065	240	231938	20.000	ng	-0.01
86) Perylene-d12	23.351	264	21989	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	436598	177.263	ng	0.00
7) Phenol-d6	6.941	99	433493	128.368	ng	0.00
23) Nitrobenzene-d5	8.768	82	348924	120.956	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	409843	258.562	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	864937	167.654	ng	0.00
79) Terphenyl-d14	19.503	244	1922421	183.471	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.592	42	2222	2.189	ng	# 1
32) Benzoic acid	9.908	122	39	6.853	ng	# 15

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

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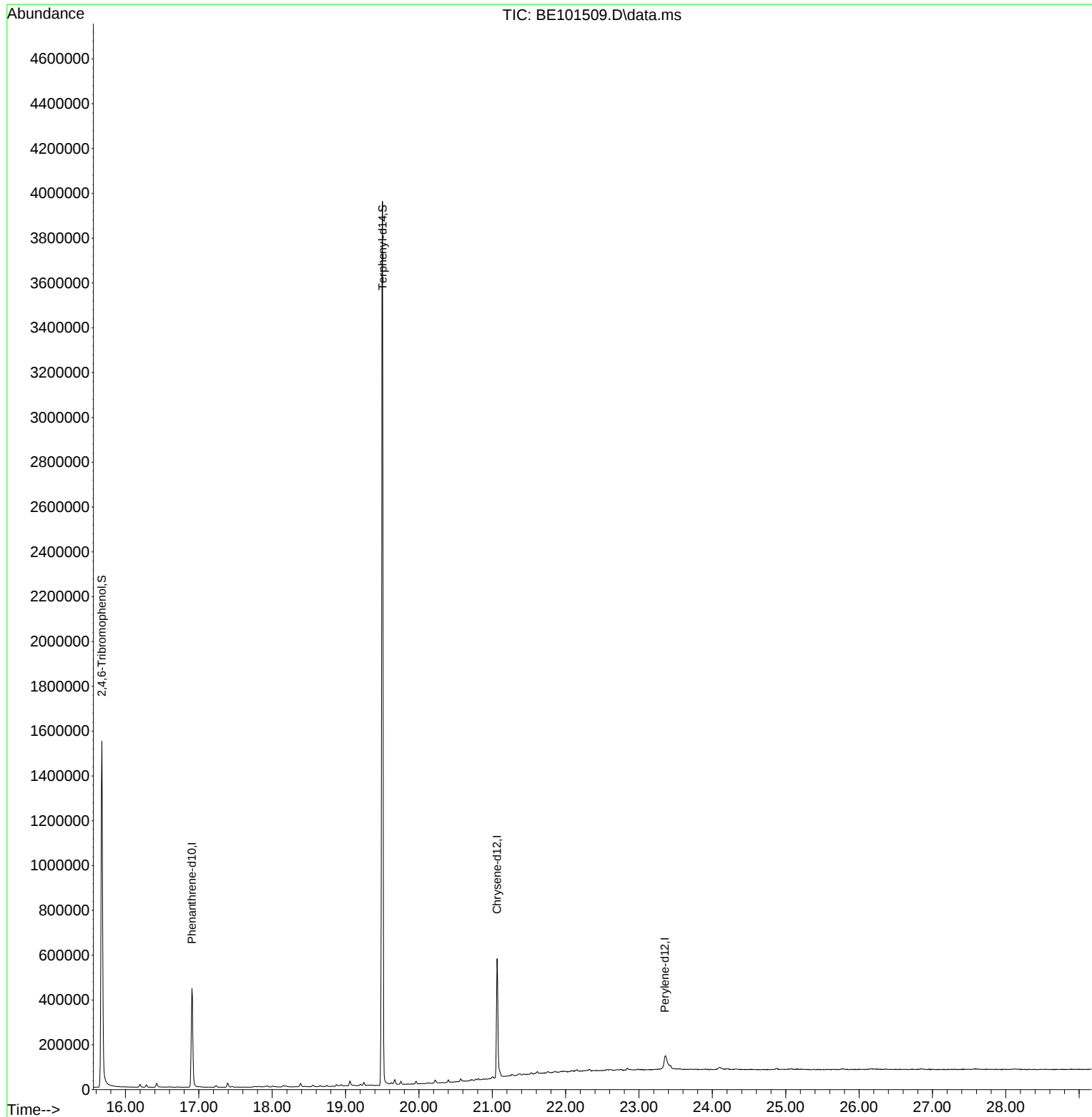
Quant Time: Nov 07 01:06:22 2024
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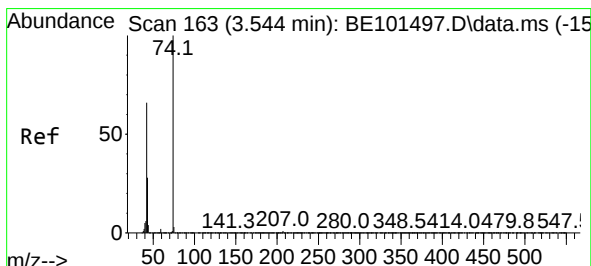
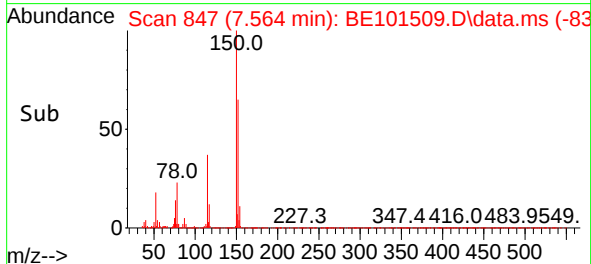
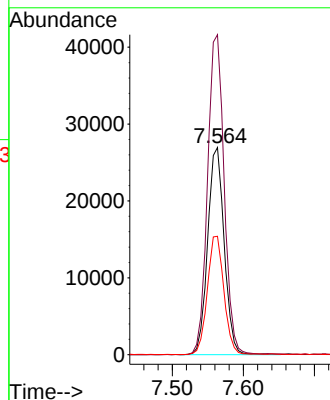
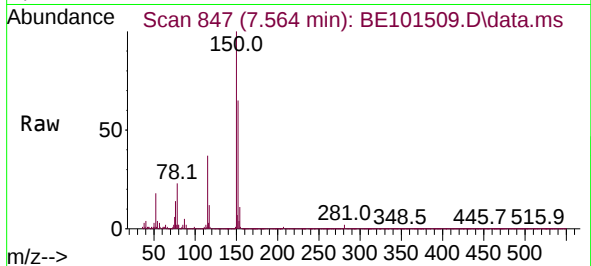




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

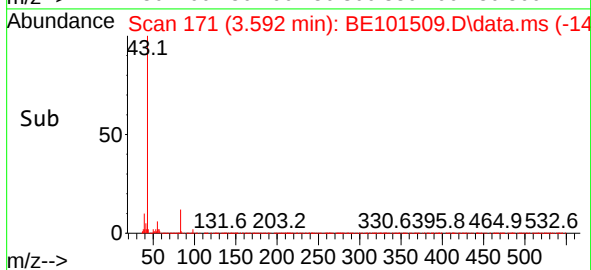
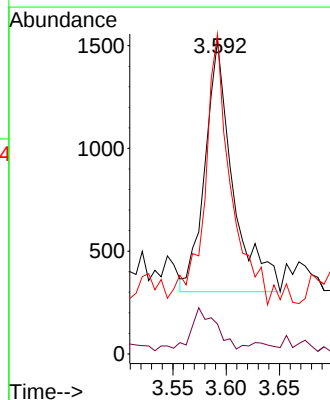
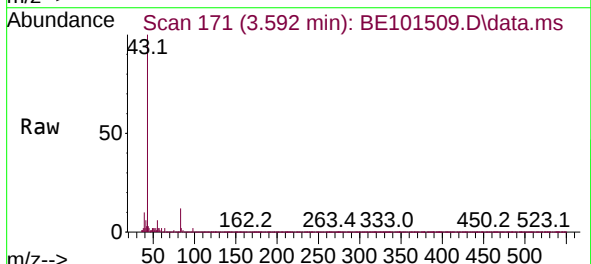
Instrument :
BNA_E
ClientSampleId :
BP-F-5

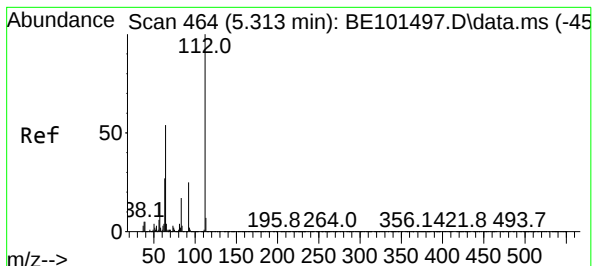
Tgt Ion:152 Resp: 43550
Ion Ratio Lower Upper
152 100
150 154.4 126.3 189.5
115 57.1 45.0 67.4



#4
n-Nitrosodimethylamine
Concen: 2.189 ng
RT: 3.592 min Scan# 171
Delta R.T. 0.047 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion: 42 Resp: 2222
Ion Ratio Lower Upper
42 100
74 9.5 120.1 180.1#
44 102.2 5.8 8.6#





#5

2-Fluorophenol

Concen: 177.263 ng

RT: 5.313 min Scan# 4

Delta R.T. 0.000 min

Lab File: BE101509.D

Acq: 6 Nov 2024 23:27

Instrument :

BNA_E

ClientSampleId :

BP-F-5

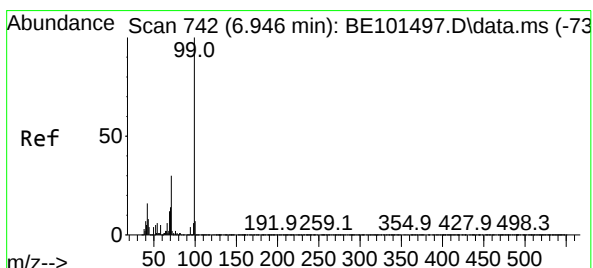
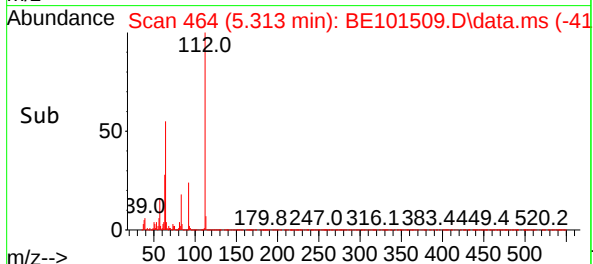
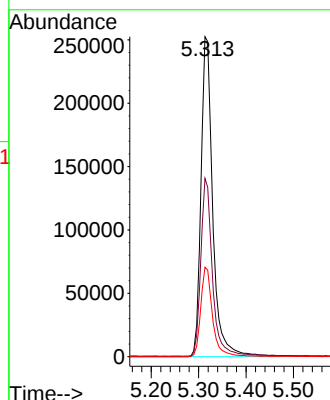
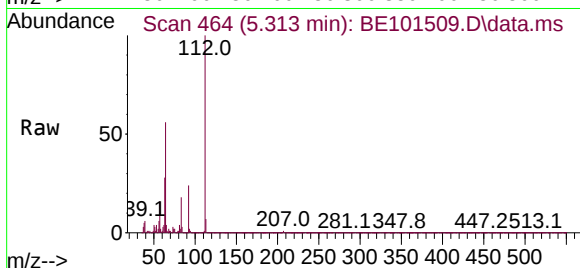
Tgt Ion:112 Resp: 436598

Ion Ratio Lower Upper

112 100

64 55.7 43.2 64.8

63 28.0 21.8 32.6



#7

Phenol-d6

Concen: 128.368 ng

RT: 6.941 min Scan# 741

Delta R.T. -0.006 min

Lab File: BE101509.D

Acq: 6 Nov 2024 23:27

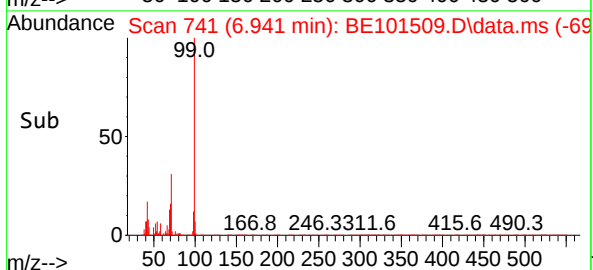
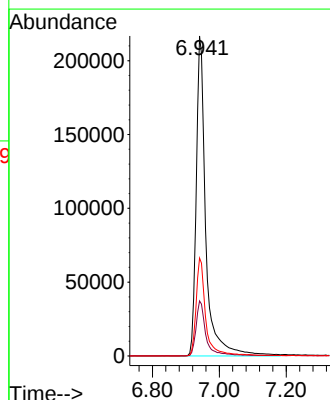
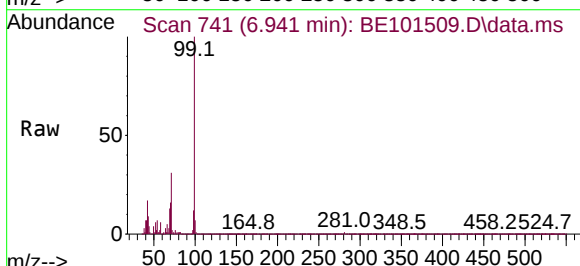
Tgt Ion: 99 Resp: 433493

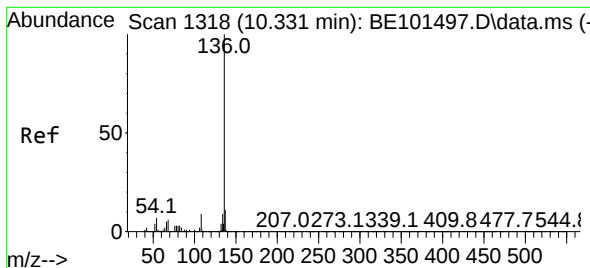
Ion Ratio Lower Upper

99 100

42 17.2 12.5 18.7

71 30.6 24.2 36.2

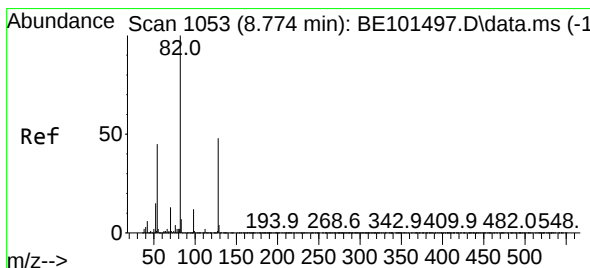
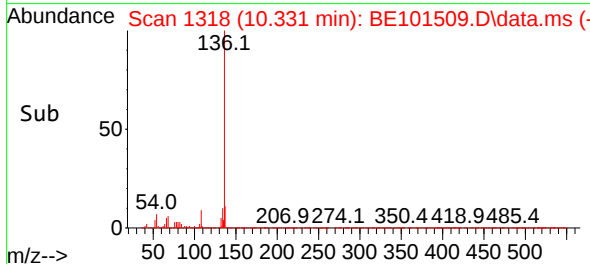
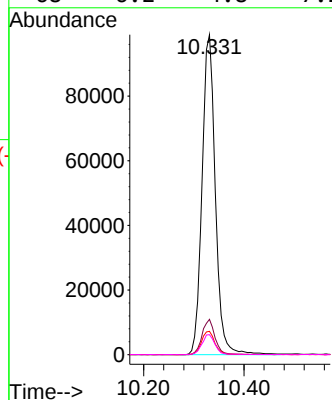
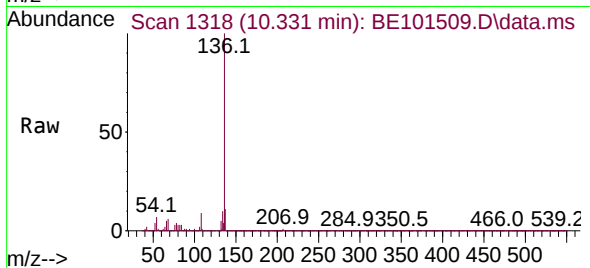




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

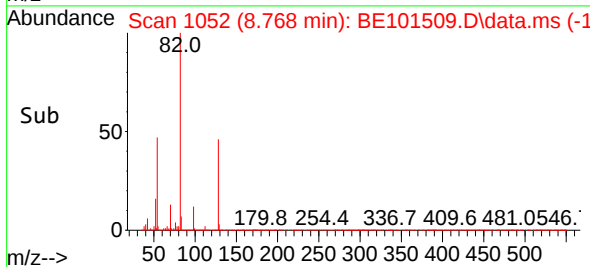
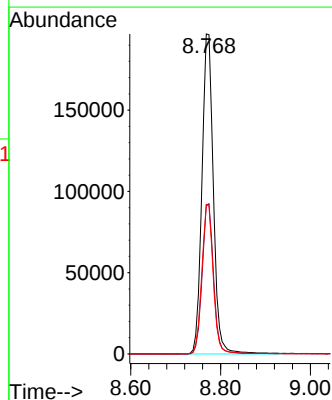
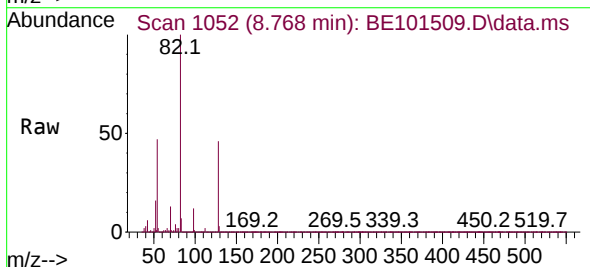
Instrument :
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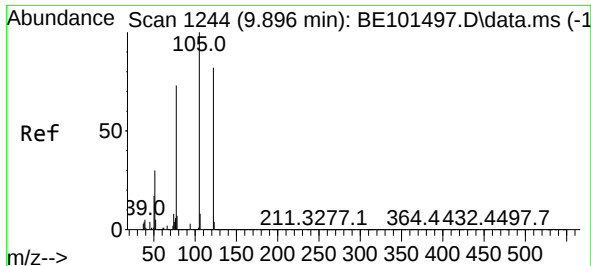
Tgt Ion:	136	Resp:	182213
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.3	5.6	8.4
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 120.956 ng
RT: 8.768 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:	82	Resp:	348924
Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	58.0
54	46.7	36.3	54.5

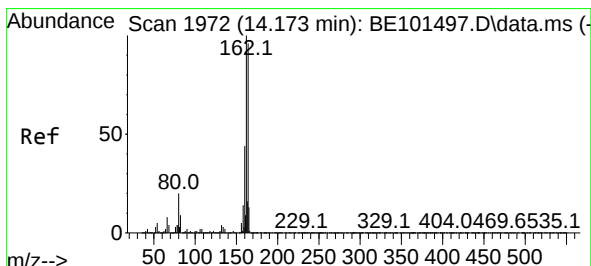
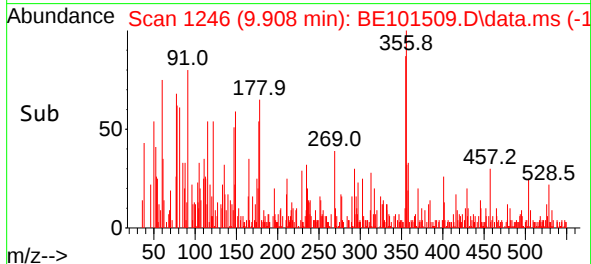
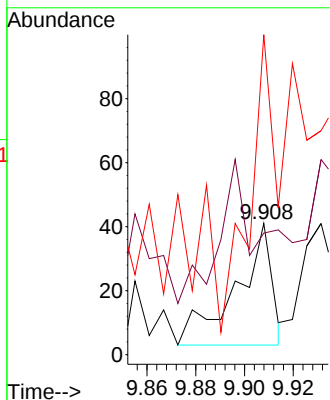
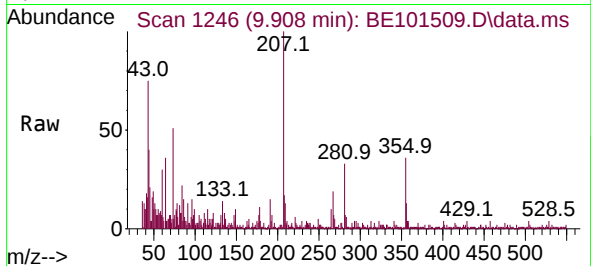




#32
Benzoic acid
Concen: 6.853 ng
RT: 9.908 min Scan# 11
Delta R.T. 0.012 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

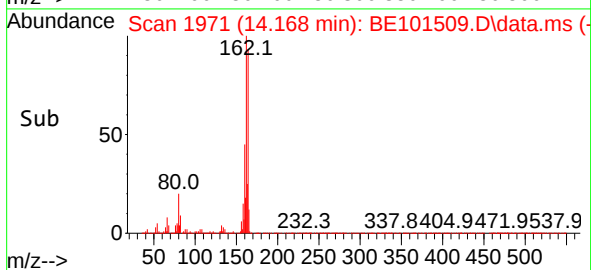
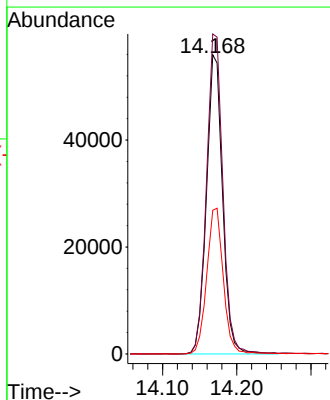
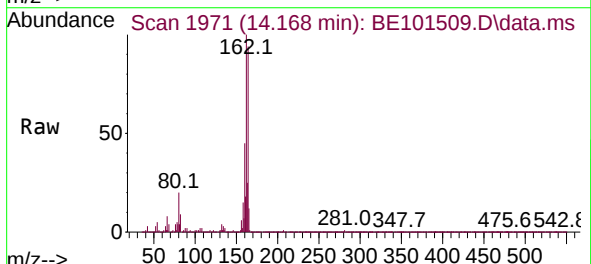
Instrument :
BNA_E
ClientSampleId :
BP-F-5

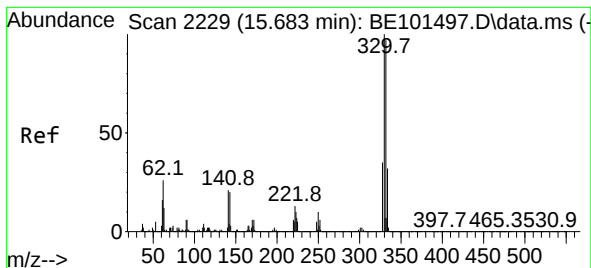
Tgt Ion:122 Resp: 39
Ion Ratio Lower Upper
122 100
105 92.7 100.6 140.6#
77 243.9 68.6 108.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:164 Resp: 84237
Ion Ratio Lower Upper
164 100
162 106.9 83.7 125.5
160 48.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 258.562 ng

RT: 15.678 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101509.D

Acq: 6 Nov 2024 23:27

Instrument :

BNA_E

ClientSampleId :

BP-F-5

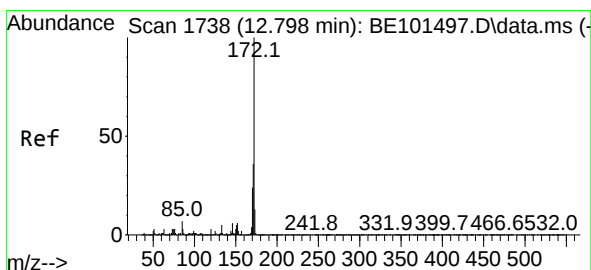
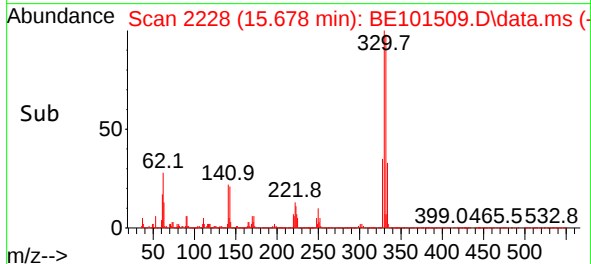
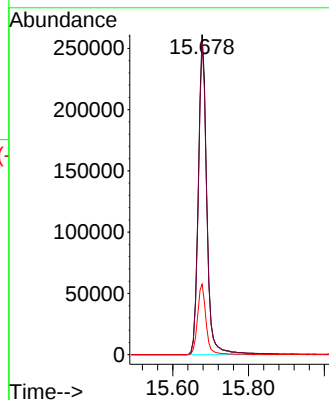
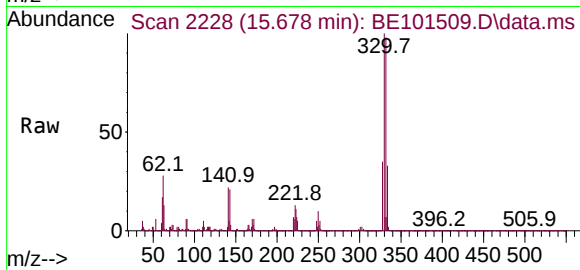
Tgt Ion:330 Resp: 409843

Ion Ratio Lower Upper

330 100

332 97.2 77.7 116.5

141 21.9 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 167.654 ng

RT: 12.793 min Scan# 1737

Delta R.T. -0.006 min

Lab File: BE101509.D

Acq: 6 Nov 2024 23:27

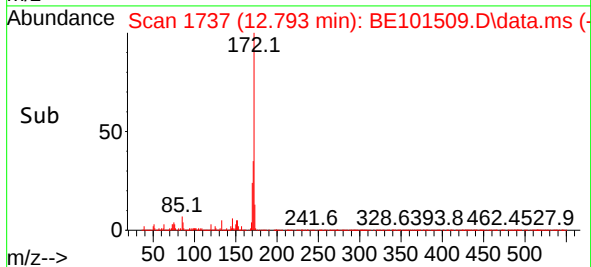
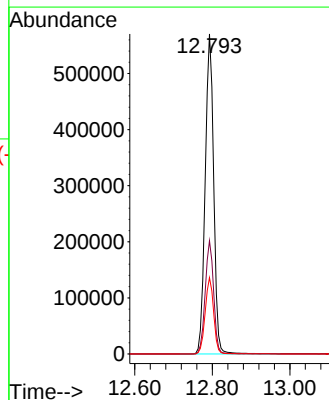
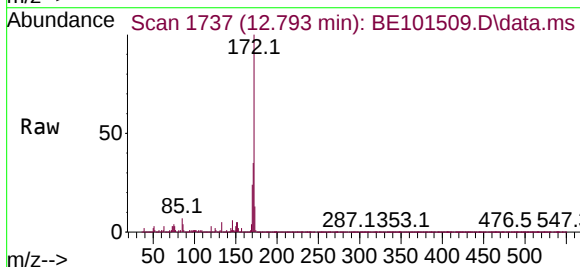
Tgt Ion:172 Resp: 864937

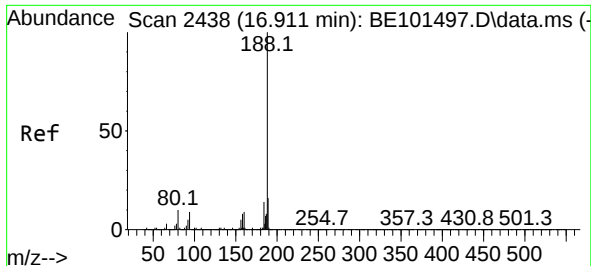
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.9 18.9 28.3

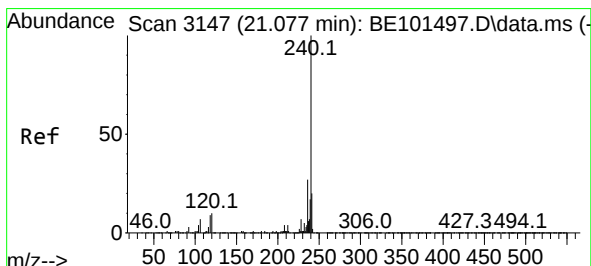
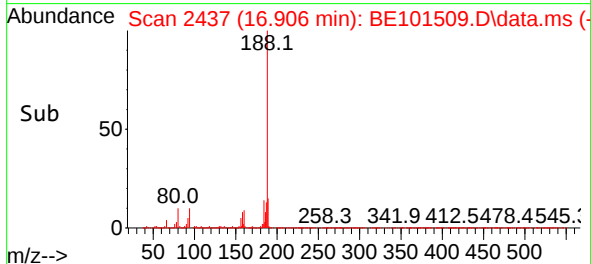
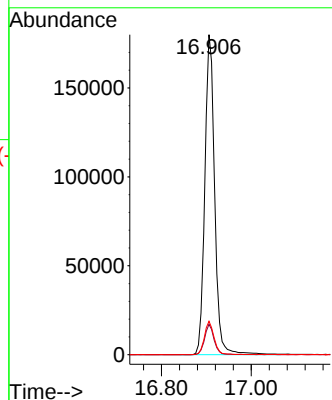
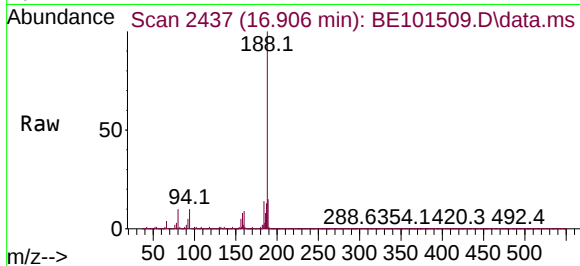




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

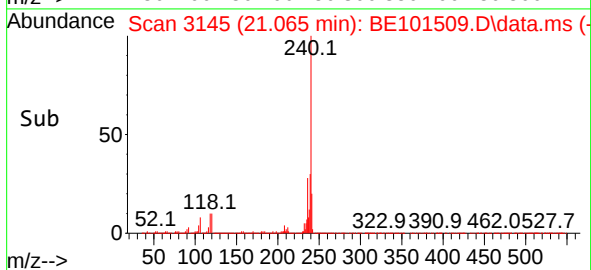
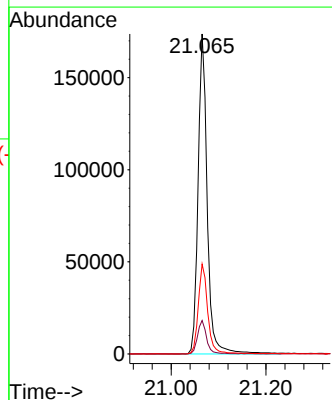
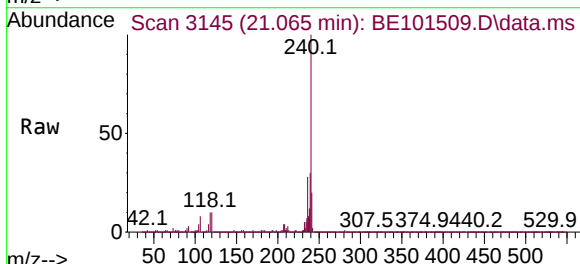
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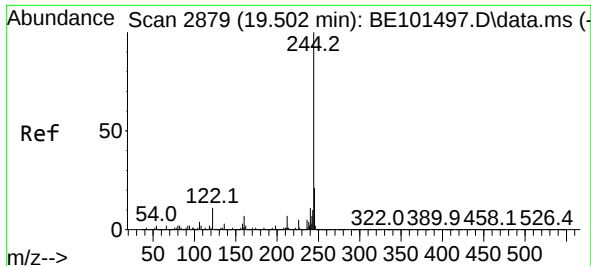
Tgt Ion:188 Resp: 273041
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:240 Resp: 231938
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 28.1 21.4 32.2

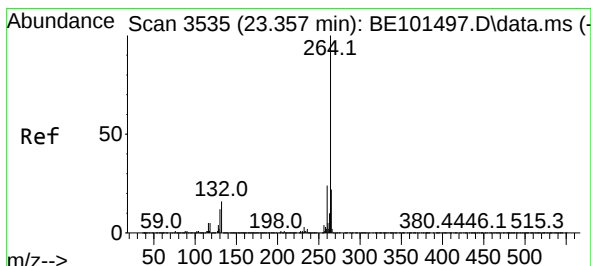
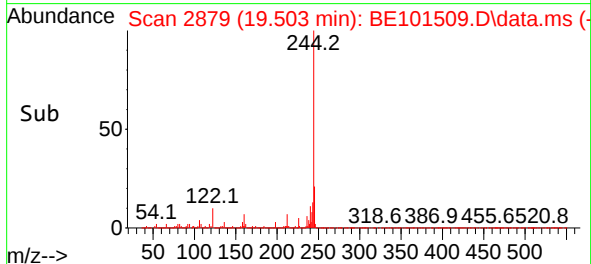
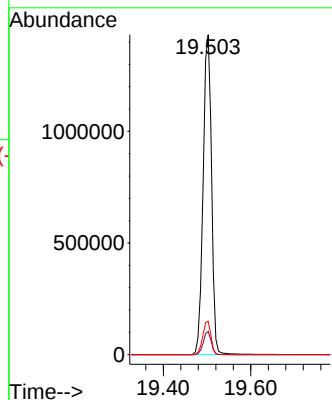
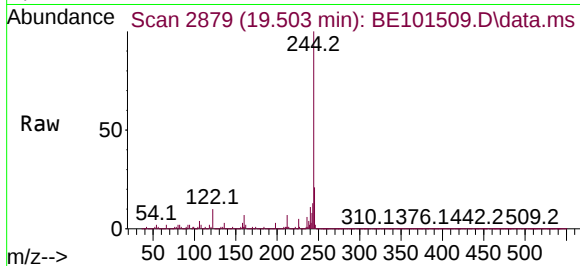




#79
 Terphenyl-d14
 Concen: 183.471 ng
 RT: 19.503 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BE101509.D
 Acq: 6 Nov 2024 23:27

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-5

Tgt Ion:244 Resp: 1922421
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 3534
 Delta R.T. -0.006 min
 Lab File: BE101509.D
 Acq: 6 Nov 2024 23:27

Tgt Ion:264 Resp: 21989
 Ion Ratio Lower Upper
 264 100
 260 48.6 19.4 29.2#
 265 24.9 17.4 26.2

