

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101451.D
 Acq On : 1 Nov 2024 16:21
 Operator : RC/JU
 Sample : P4659-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 17:24:48 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)

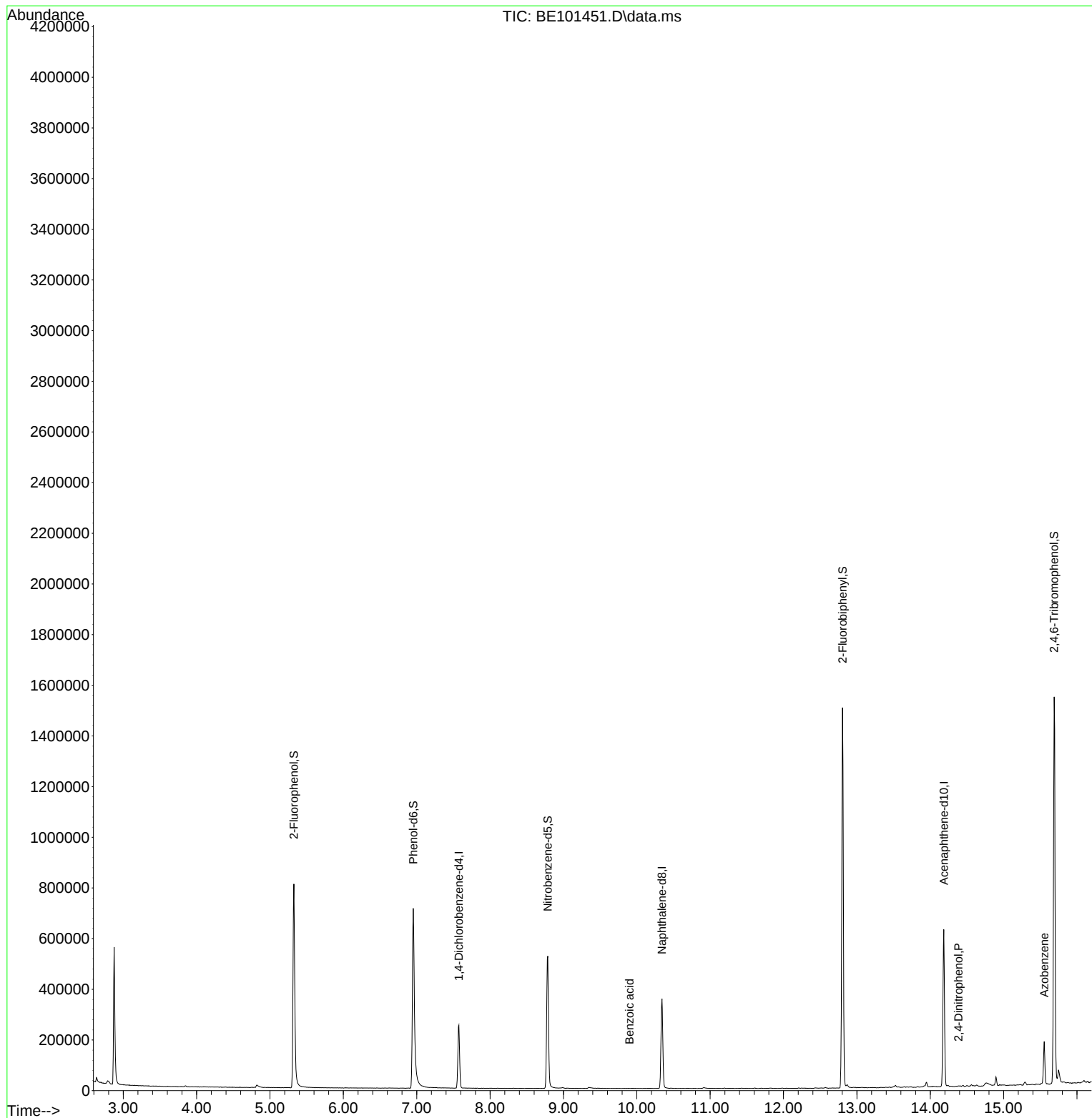
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	72912	20.000	ng	0.00
21) Naphthalene-d8	10.343	136	317928	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	218763	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	489382	20.000	ng	0.00
76) Chrysene-d12	21.083	240	550274	20.000	ng	0.00
86) Perylene-d12	23.374	264	722258	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	434837	104.526	ng	0.00
7) Phenol-d6	6.952	99	558373	96.799	ng	0.00
23) Nitrobenzene-d5	8.786	82	326171	64.438	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	387207	100.987	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	794303	61.490	ng	0.00
79) Terphenyl-d14	19.514	244	1617284	67.644	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.902	122	23	8.221	ng	# 57
54) 2,4-Dinitrophenol	14.385	184	30	5.628	ng	# 1
63) Azobenzene	15.554	77	45364	3.267	ng	# 1
75) Fluoranthene	18.968	202	90424	3.177	ng	96
78) Pyrene	19.338	202	105957	3.501	ng	99
81) Benzo(a)anthracene	21.059	228	69984	2.263	ng	97
83) Chrysene	21.118	228	78780	2.634	ng	96
88) Benzo(b)fluoranthene	22.663	252	179588	4.771	ng	# 95
89) Benzo(k)fluoranthene	22.663	252	179588	5.107	ng	# 96
90) Benzo(a)pyrene	23.263	252	99509	3.023	ng	# 91
92) Benzo(g,h,i)perylene	26.447	276	89574	2.177	ng	96

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

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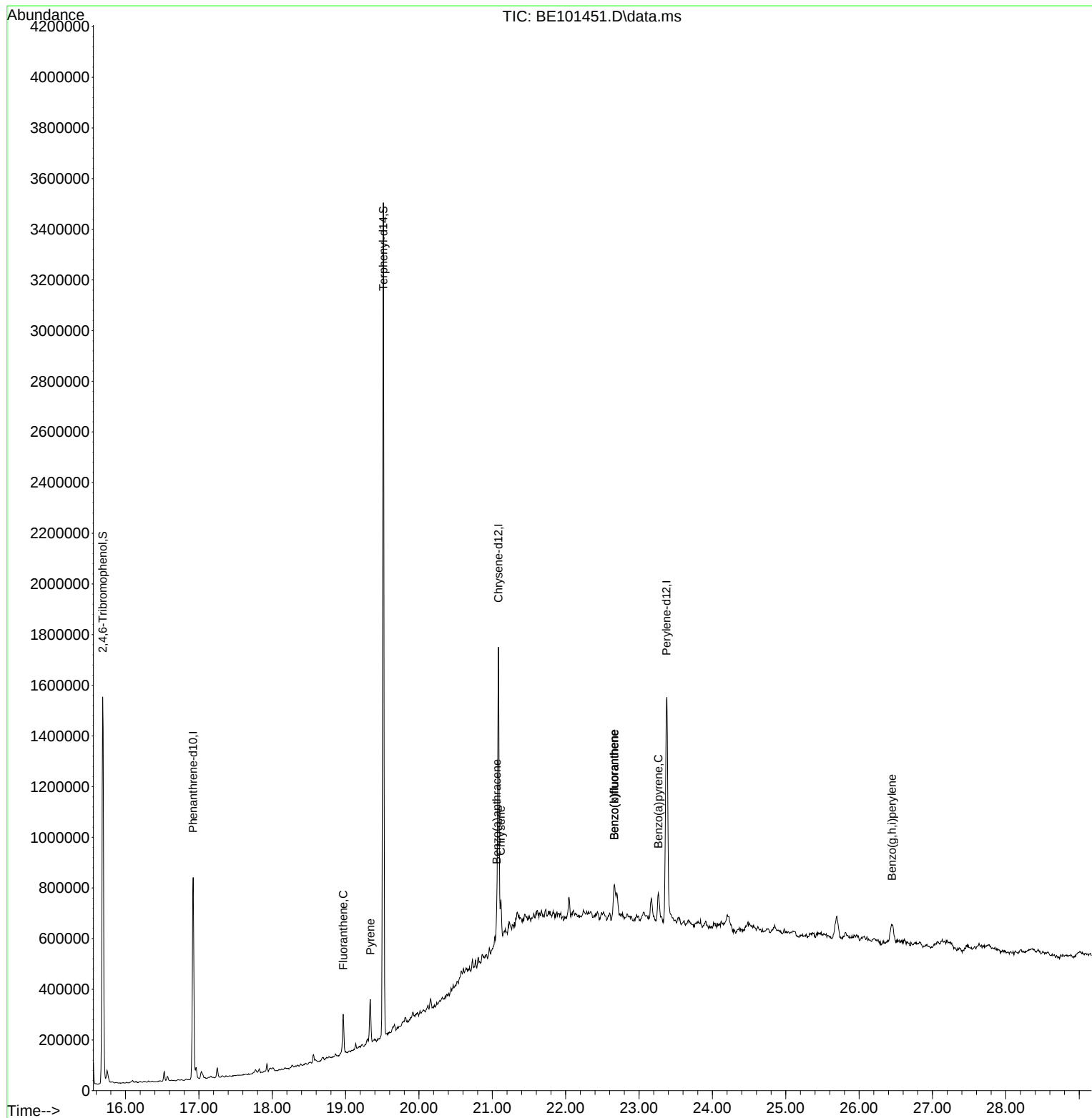
Quant Time: Nov 01 17:24:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

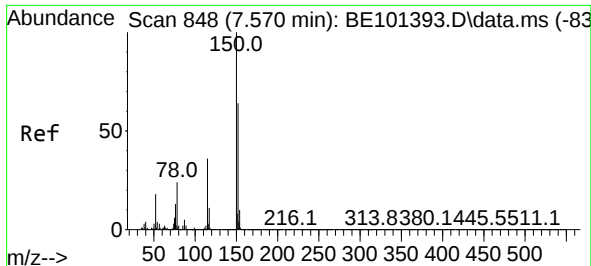


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
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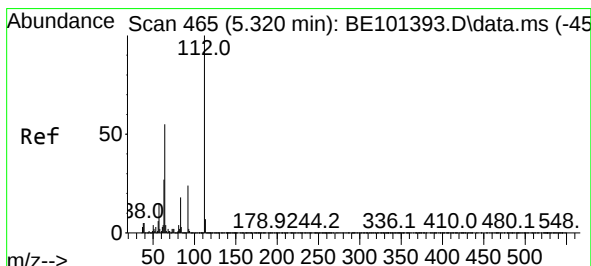
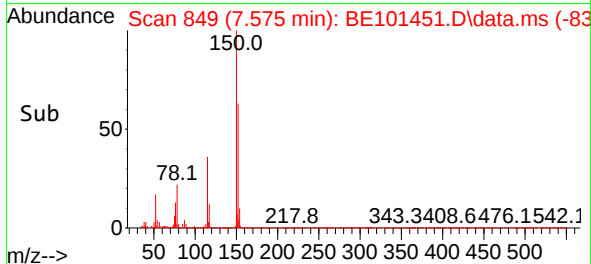
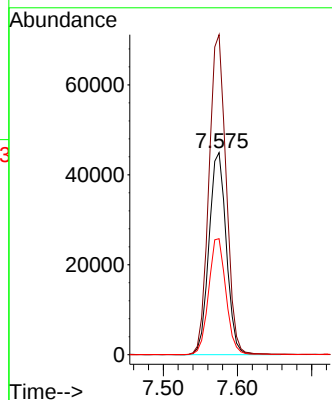
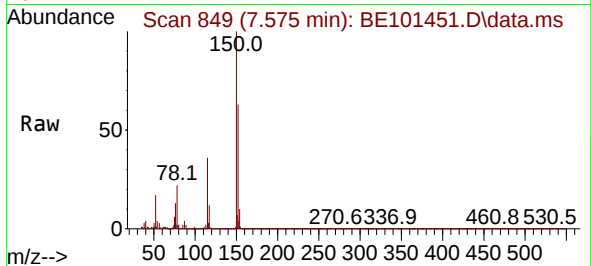




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 848
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

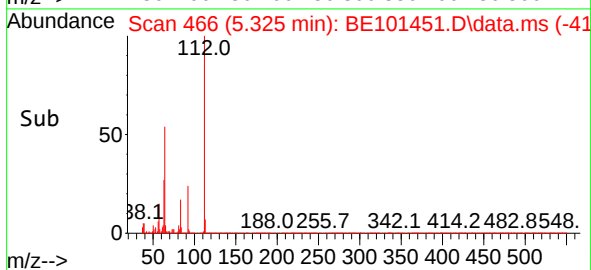
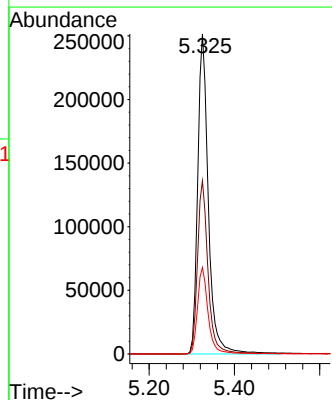
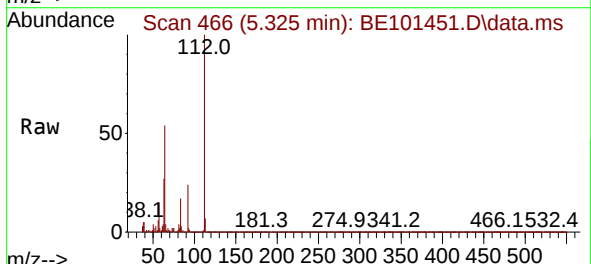
Instrument :
BNA_E
ClientSampleId :

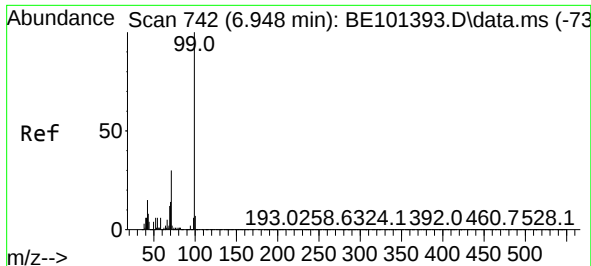
Tgt Ion:152 Resp: 72912
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.4
115 57.4 45.3 67.9



#5
2-Fluorophenol
Concen: 104.526 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:112 Resp: 434837
Ion Ratio Lower Upper
112 100
64 54.1 43.7 65.5
63 27.1 21.4 32.2

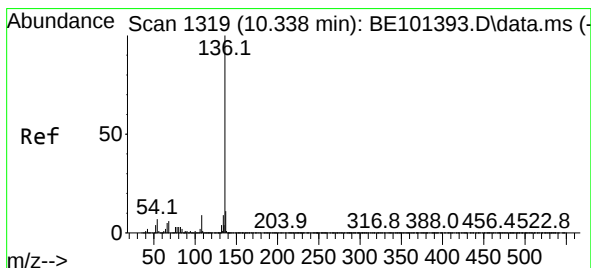
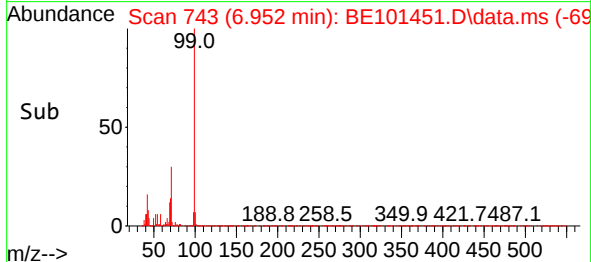
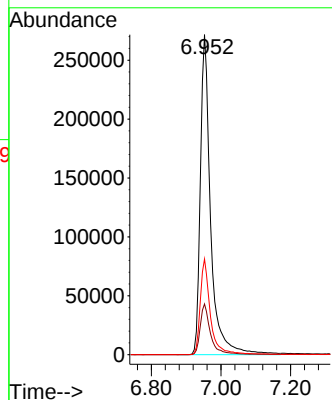
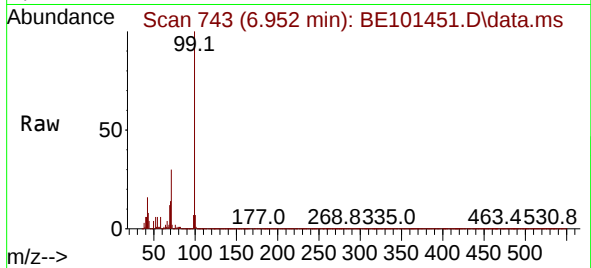




#7
Phenol-d6
Concen: 96.799 ng
RT: 6.952 min Scan# 742
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

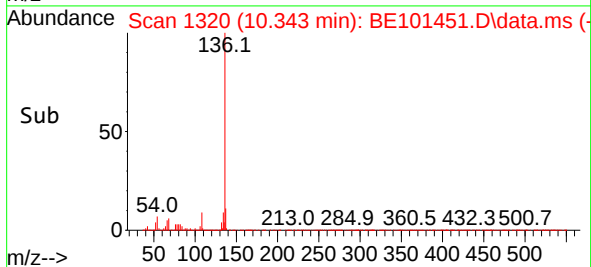
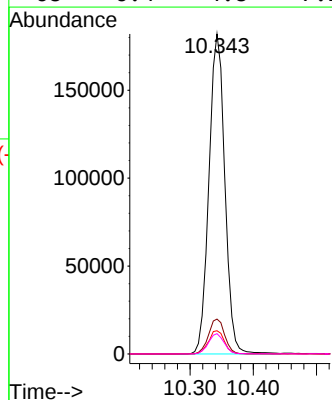
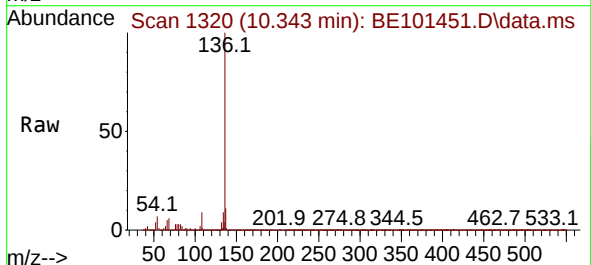
Instrument :
BNA_E
ClientSampleId :

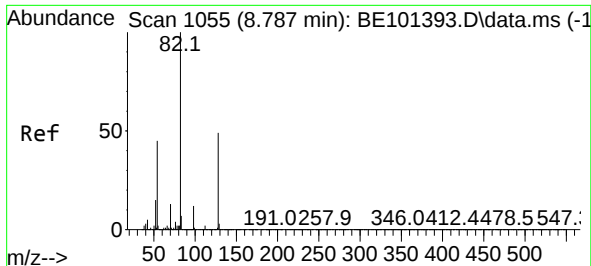
Tgt Ion: 99 Resp: 558373
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 29.9 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.343 min Scan# 1320
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:136 Resp: 317928
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.2 5.9 8.9
68 6.4 4.8 7.2

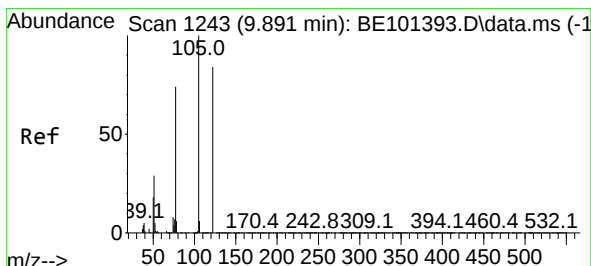
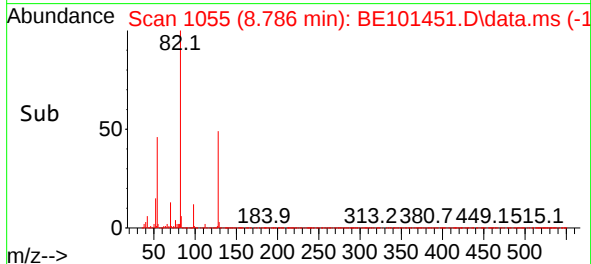
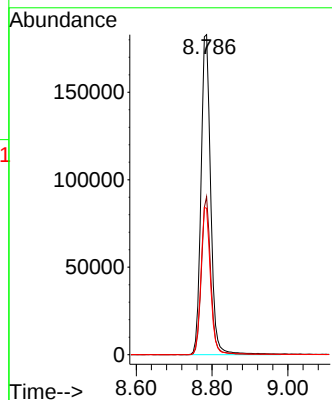
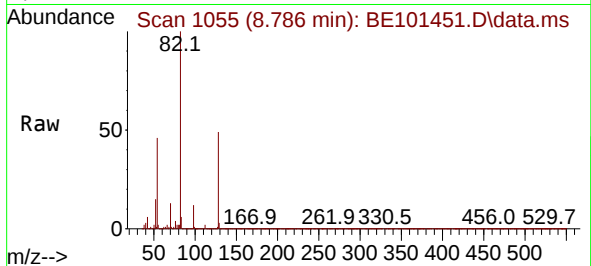




#23
Nitrobenzene-d5
Concen: 64.438 ng
RT: 8.786 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

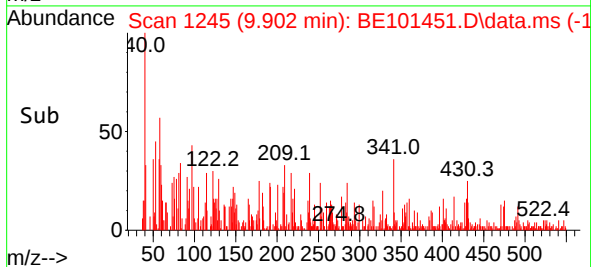
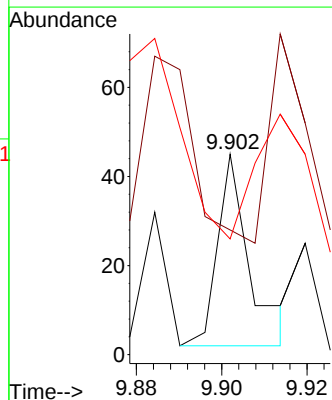
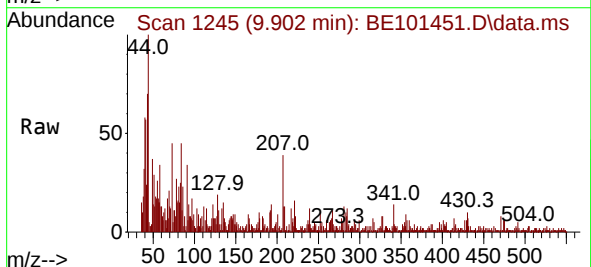
Instrument :
BNA_E
ClientSampleId :

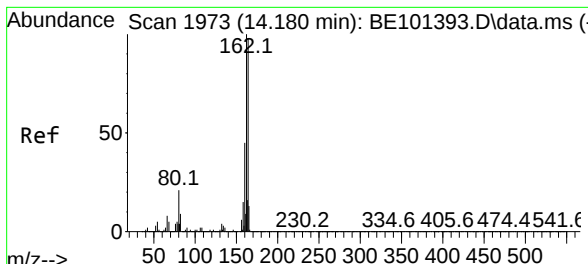
Tgt Ion: 82 Resp: 326171
Ion Ratio Lower Upper
82 100
128 49.3 38.9 58.3
54 45.8 36.2 54.4



#32
Benzoic acid
Concen: 8.221 ng
RT: 9.902 min Scan# 1245
Delta R.T. 0.011 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 62.2 97.9 137.9#
77 57.8 68.1 108.1#

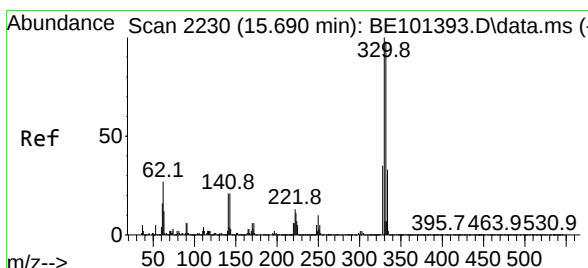
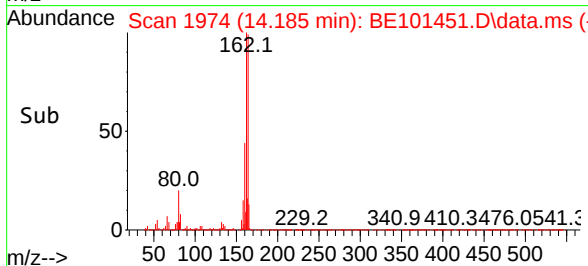
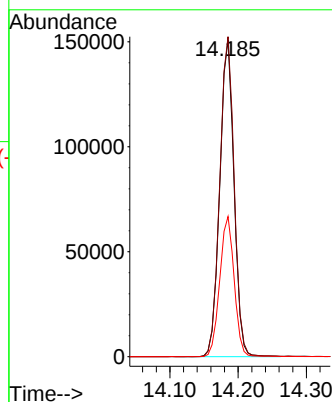
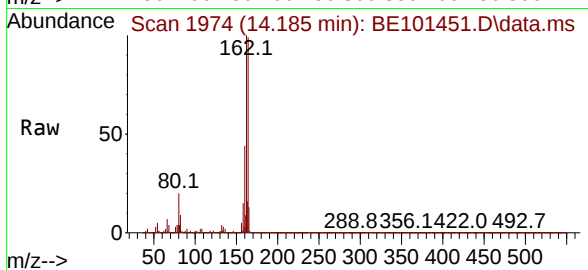




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.185 min Scan# 1973
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

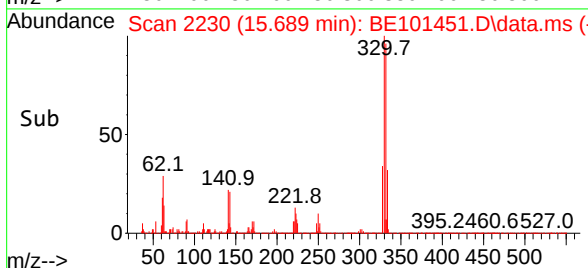
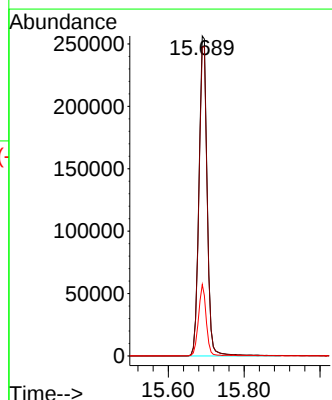
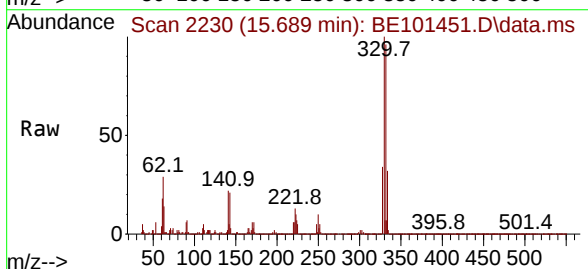
Instrument :
BNA_E
ClientSampleId :

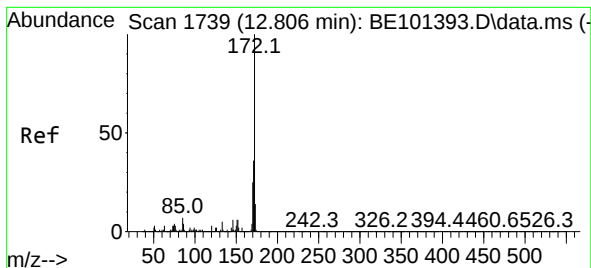
Tgt Ion:164 Resp: 218763
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.3 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 100.987 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:330 Resp: 387207
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 20.9 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 61.490 ng

RT: 12.804 min Scan# 11

Delta R.T. -0.001 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

Instrument :

BNA_E

ClientSampleId :

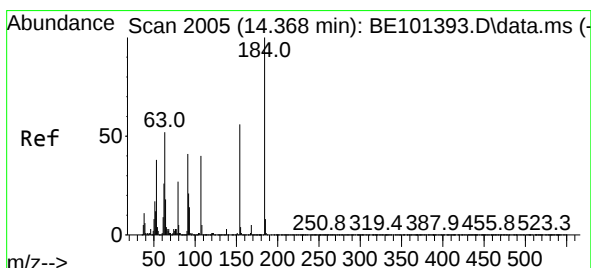
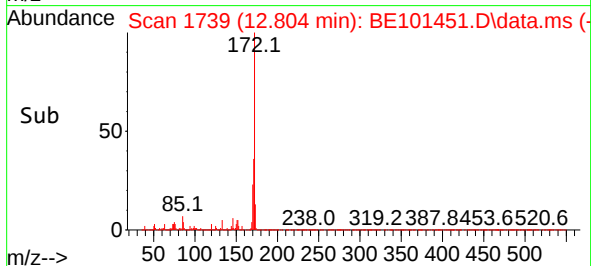
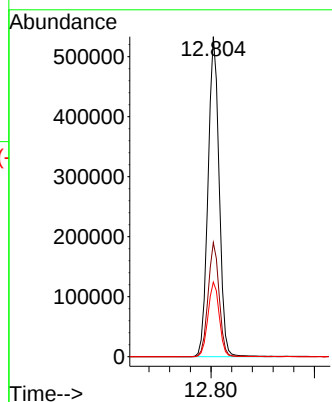
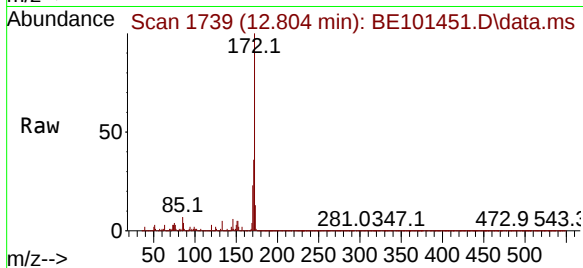
Tgt Ion:172 Resp: 794303

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 23.3 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.628 ng

RT: 14.385 min Scan# 2008

Delta R.T. 0.017 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

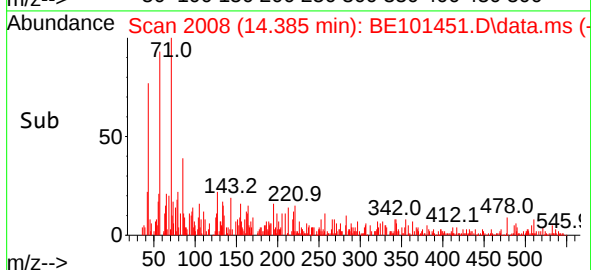
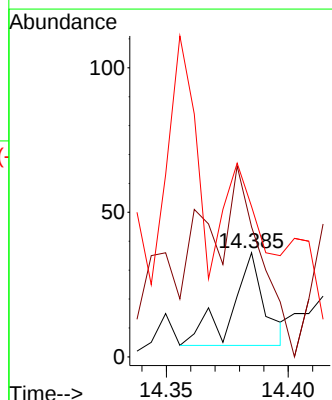
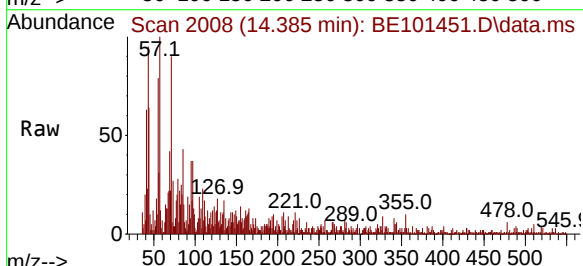
Tgt Ion:184 Resp: 30

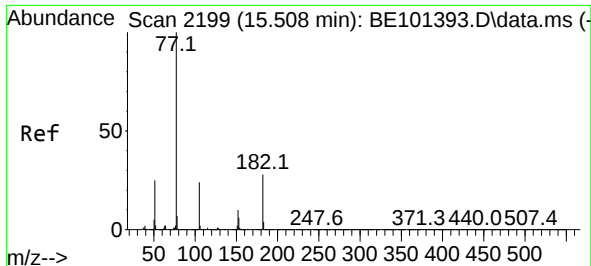
Ion Ratio Lower Upper

184 100

63 125.0 41.8 62.6#

154 144.4 44.9 67.3#

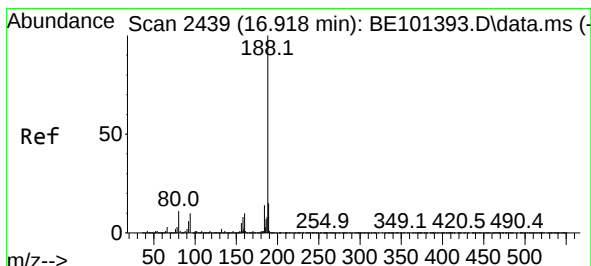
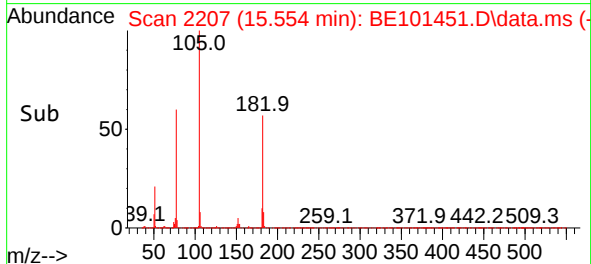
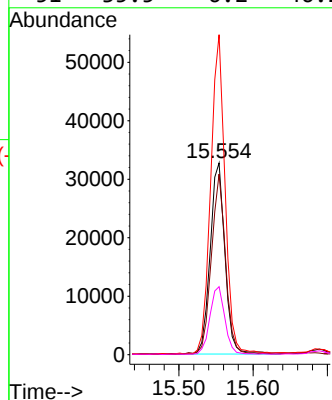
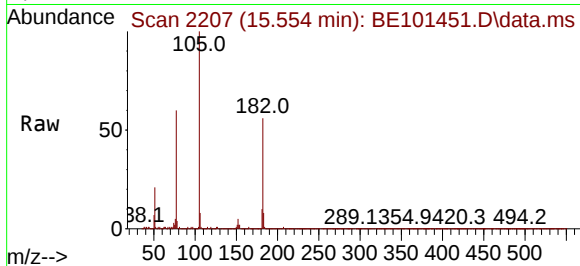




#63
Azobenzene
Concen: 3.267 ng
RT: 15.554 min Scan# 2199
Delta R.T. 0.046 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

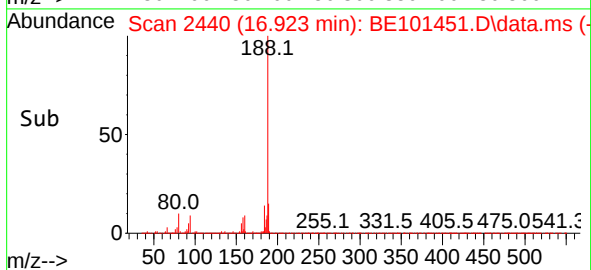
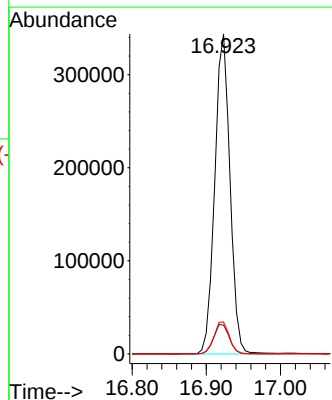
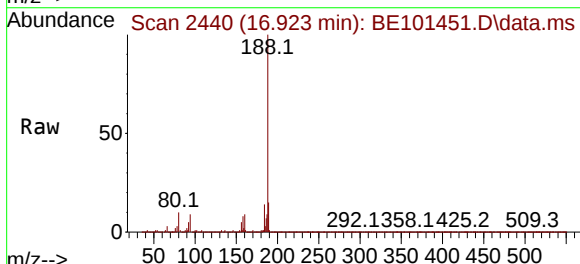
Instrument :
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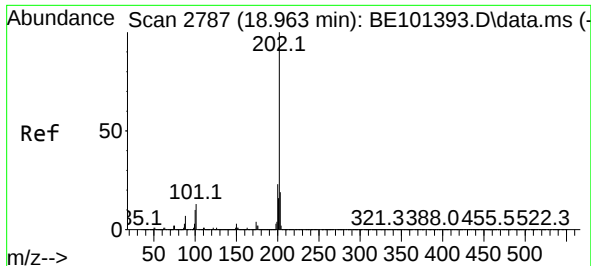
Tgt Ion: 77	Resp: 45364
Ion Ratio	Lower Upper
77	100
182	94.2 7.6 47.6#
105	166.9 3.2 43.2#
51	35.5 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2440
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion: 188	Resp: 489382
Ion Ratio	Lower Upper
188	100
94	9.0 7.8 11.8
80	10.0 8.6 12.8

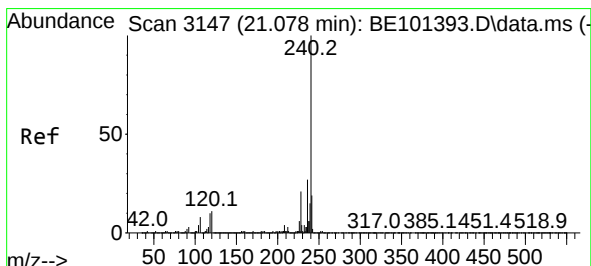
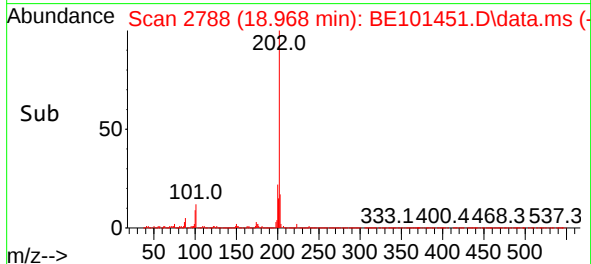
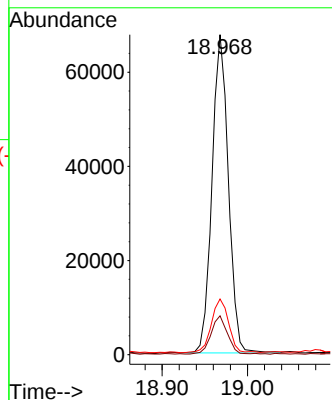
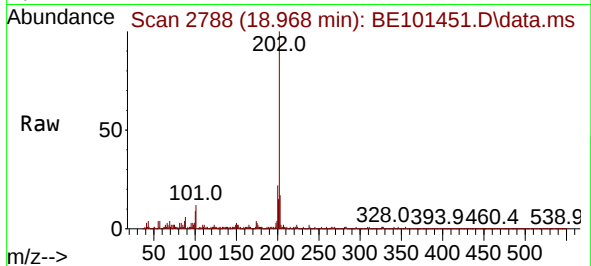




#75
Fluoranthene
Concen: 3.177 ng
RT: 18.968 min Scan# 21
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

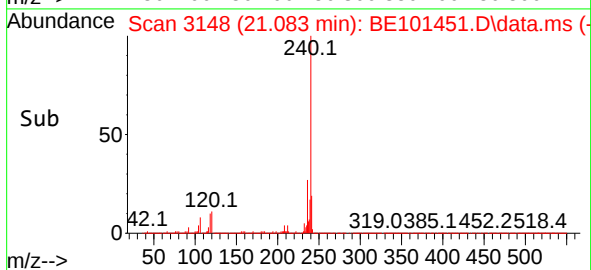
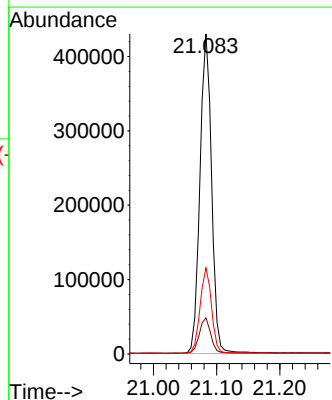
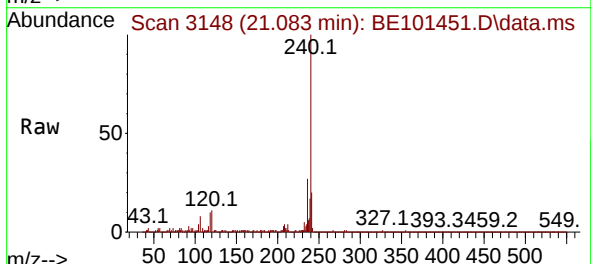
Instrument :
BNA_E
ClientSampleId :

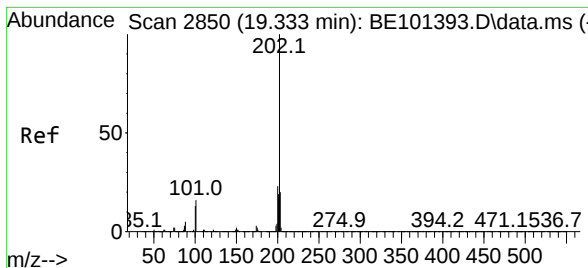
Tgt Ion:202 Resp: 90424
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.3
203 17.4 0.0 39.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:240 Resp: 550274
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 26.9 21.4 32.0





#78

Pyrene

Concen: 3.501 ng

RT: 19.338 min Scan# 2851

Delta R.T. 0.005 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

Instrument :

BNA_E

ClientSampleId :

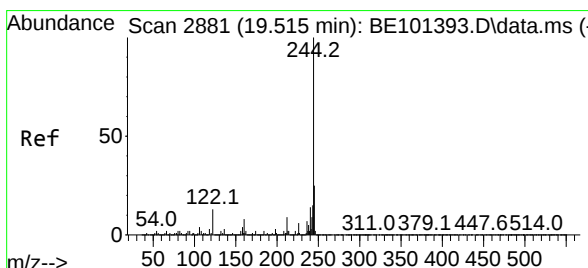
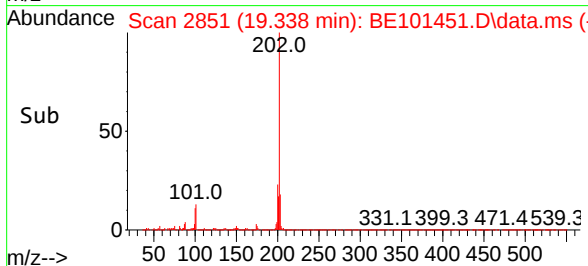
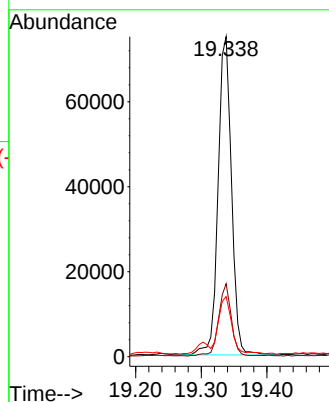
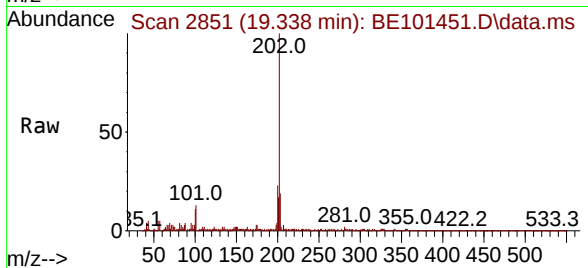
Tgt Ion:202 Resp: 105957

Ion Ratio Lower Upper

202 100

200 22.8 18.6 28.0

203 18.8 15.6 23.4



#79

Terphenyl-d14

Concen: 67.644 ng

RT: 19.514 min Scan# 2881

Delta R.T. -0.001 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

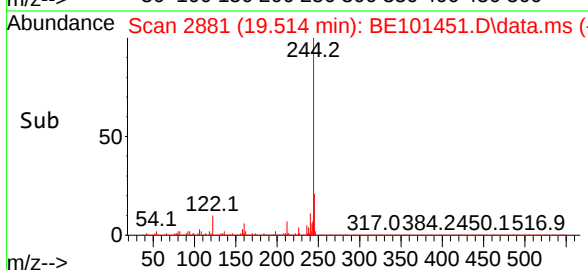
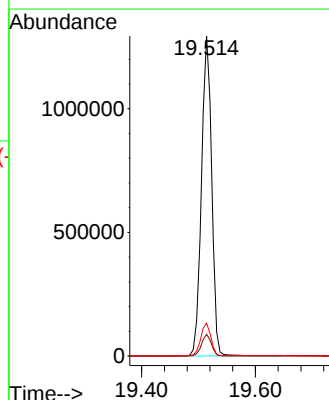
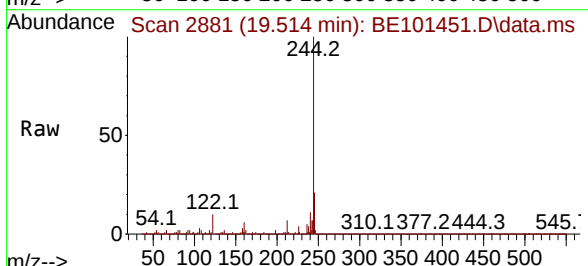
Tgt Ion:244 Resp: 1617284

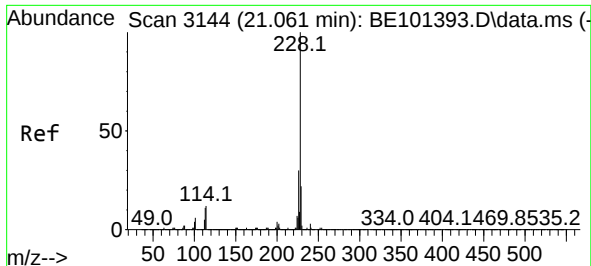
Ion Ratio Lower Upper

244 100

212 6.8 7.2 10.8#

122 10.3 10.4 15.6#

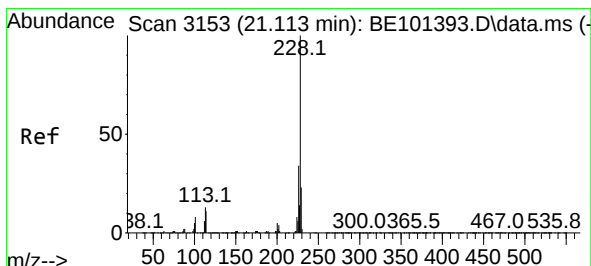
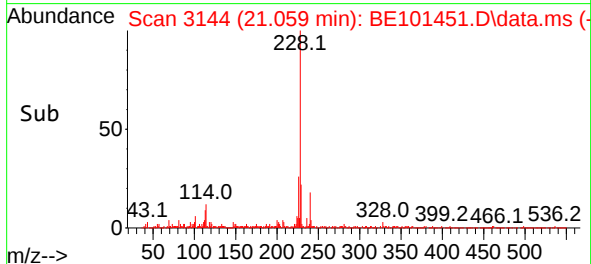
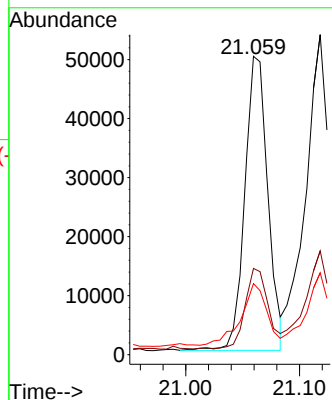
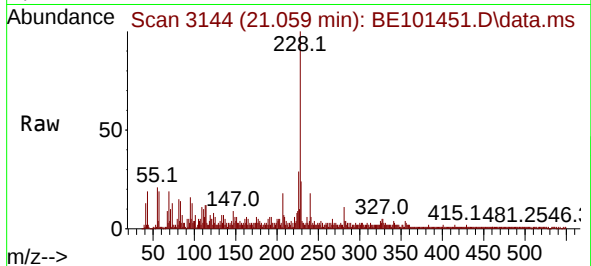




#81
Benzo(a)anthracene
Concen: 2.263 ng
RT: 21.059 min Scan# 3144
Delta R.T. -0.001 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

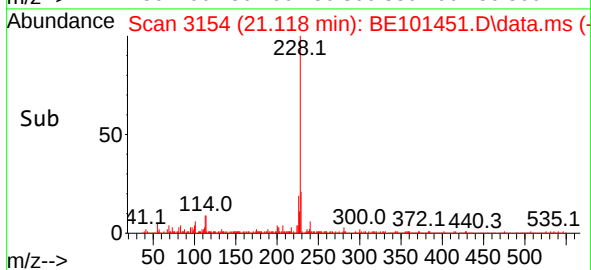
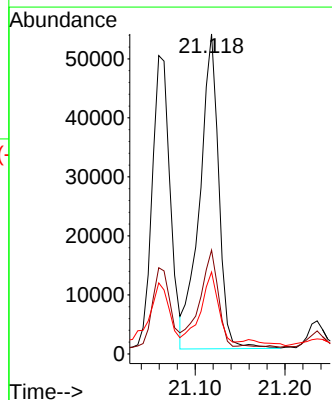
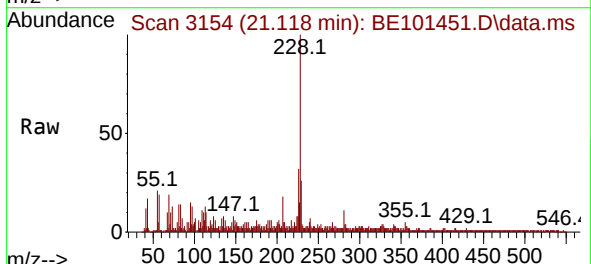
Instrument :
BNA_E
ClientSampleId :

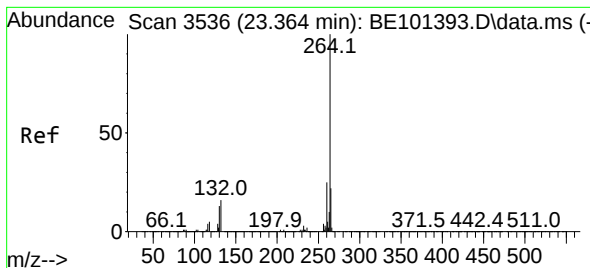
Tgt Ion:228 Resp: 69984
Ion Ratio Lower Upper
228 100
226 28.9 24.1 36.1
229 23.8 17.3 25.9



#83
Chrysene
Concen: 2.634 ng
RT: 21.118 min Scan# 3154
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:228 Resp: 78780
Ion Ratio Lower Upper
228 100
226 32.4 27.2 40.8
229 25.6 18.0 27.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.374 min Scan# 3

Delta R.T. 0.011 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

Instrument :

BNA_E

ClientSampleId :

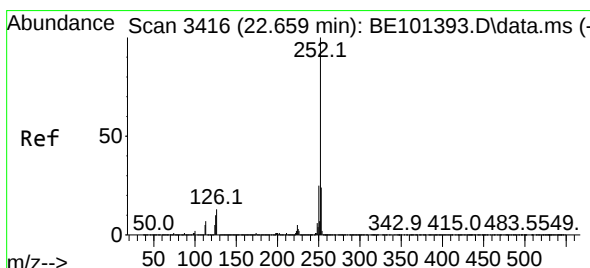
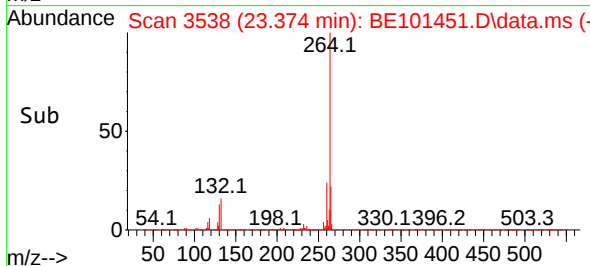
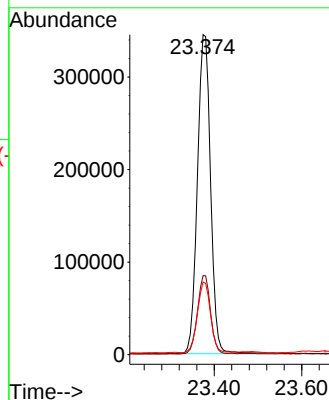
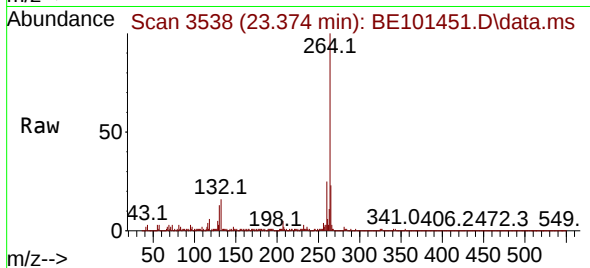
Tgt Ion:264 Resp: 722258

Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.8

265 22.7 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 4.771 ng

RT: 22.663 min Scan# 3417

Delta R.T. 0.005 min

Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

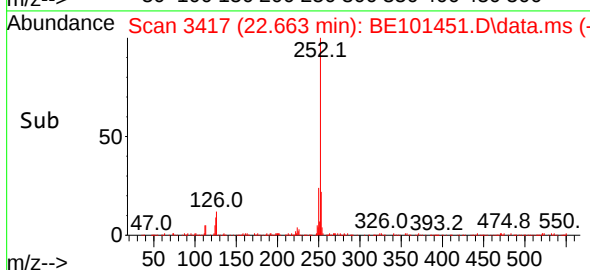
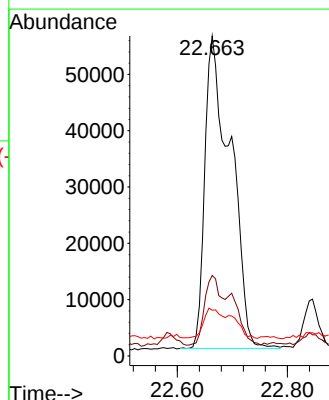
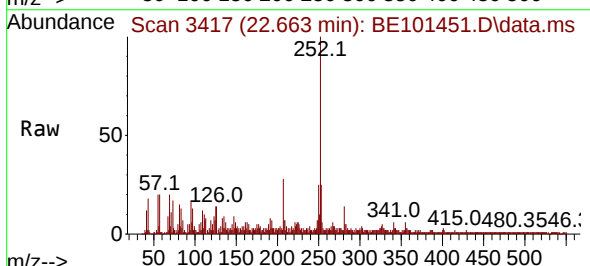
Tgt Ion:252 Resp: 179588

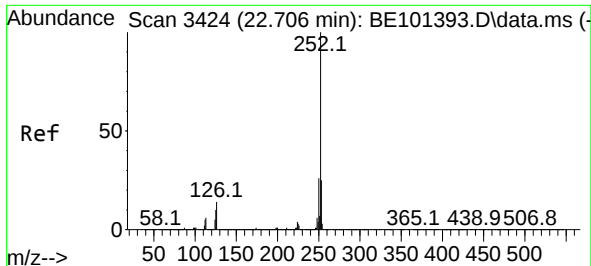
Ion Ratio Lower Upper

252 100

253 25.2 19.0 28.6

125 14.3 8.2 12.2#

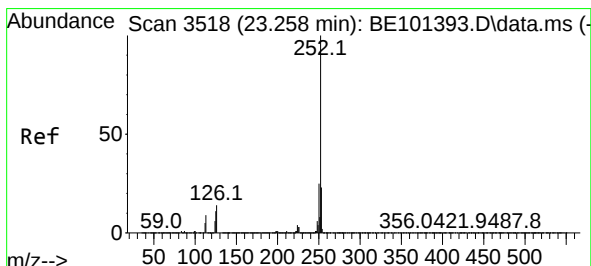
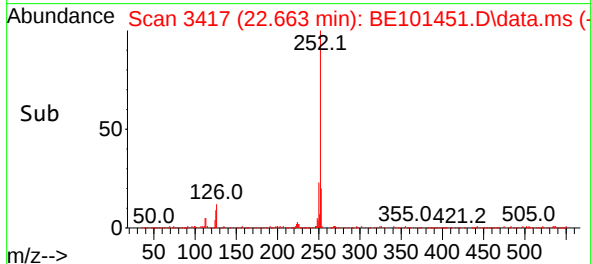
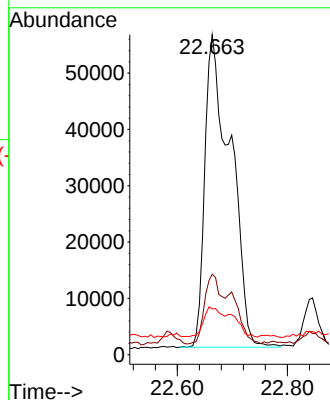
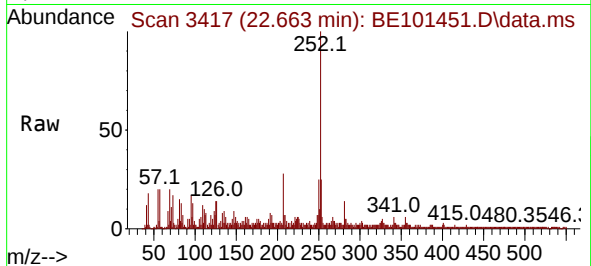




#89
Benzo(k)fluoranthene
Concen: 5.107 ng
RT: 22.663 min Scan# 3417
Delta R.T. -0.042 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

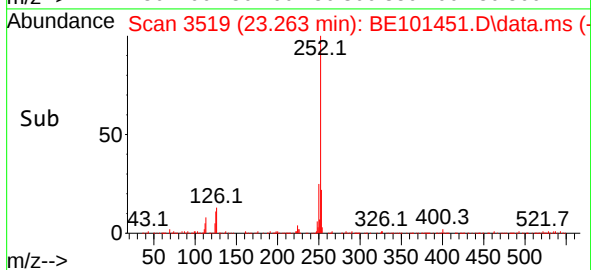
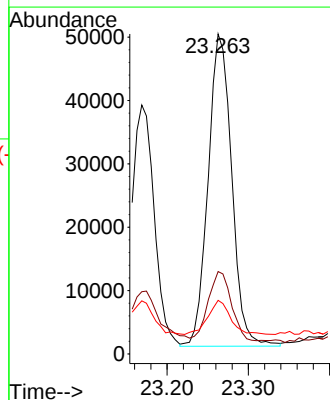
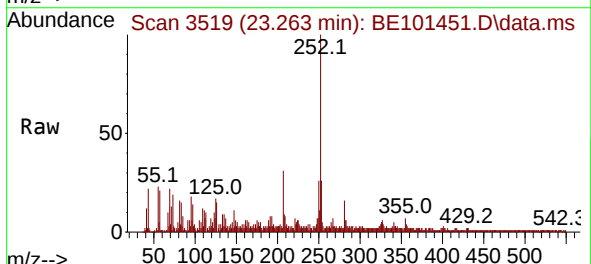
Instrument :
BNA_E
ClientSampleId :

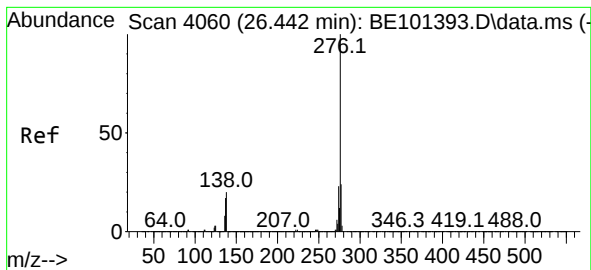
Tgt Ion:252 Resp: 179588
Ion Ratio Lower Upper
252 100
253 25.2 19.4 29.2
125 14.3 8.2 12.2#



#90
Benzo(a)pyrene
Concen: 3.023 ng
RT: 23.263 min Scan# 3519
Delta R.T. 0.005 min
Lab File: BE101451.D
Acq: 1 Nov 2024 16:21

Tgt Ion:252 Resp: 99509
Ion Ratio Lower Upper
252 100
253 25.8 18.4 27.6
125 16.8 9.0 13.6#





#92

Benzo(g,h,i)perylene

Concen: 2.177 ng

RT: 26.447 min Scan# 4061

Delta R.T. 0.005 min

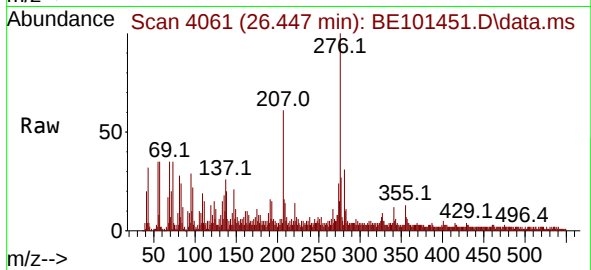
Lab File: BE101451.D

Acq: 1 Nov 2024 16:21

Instrument :

BNA_E

ClientSampleId :



Tgt Ion:276 Resp: 89574

Ion Ratio Lower Upper

276 100

277 27.0 19.4 29.2

138 20.4 15.8 23.6

