

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101464.D
 Acq On : 4 Nov 2024 20:26
 Operator : RC/JU
 Sample : P4675-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-2

Quant Time: Nov 04 22:08:03 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)

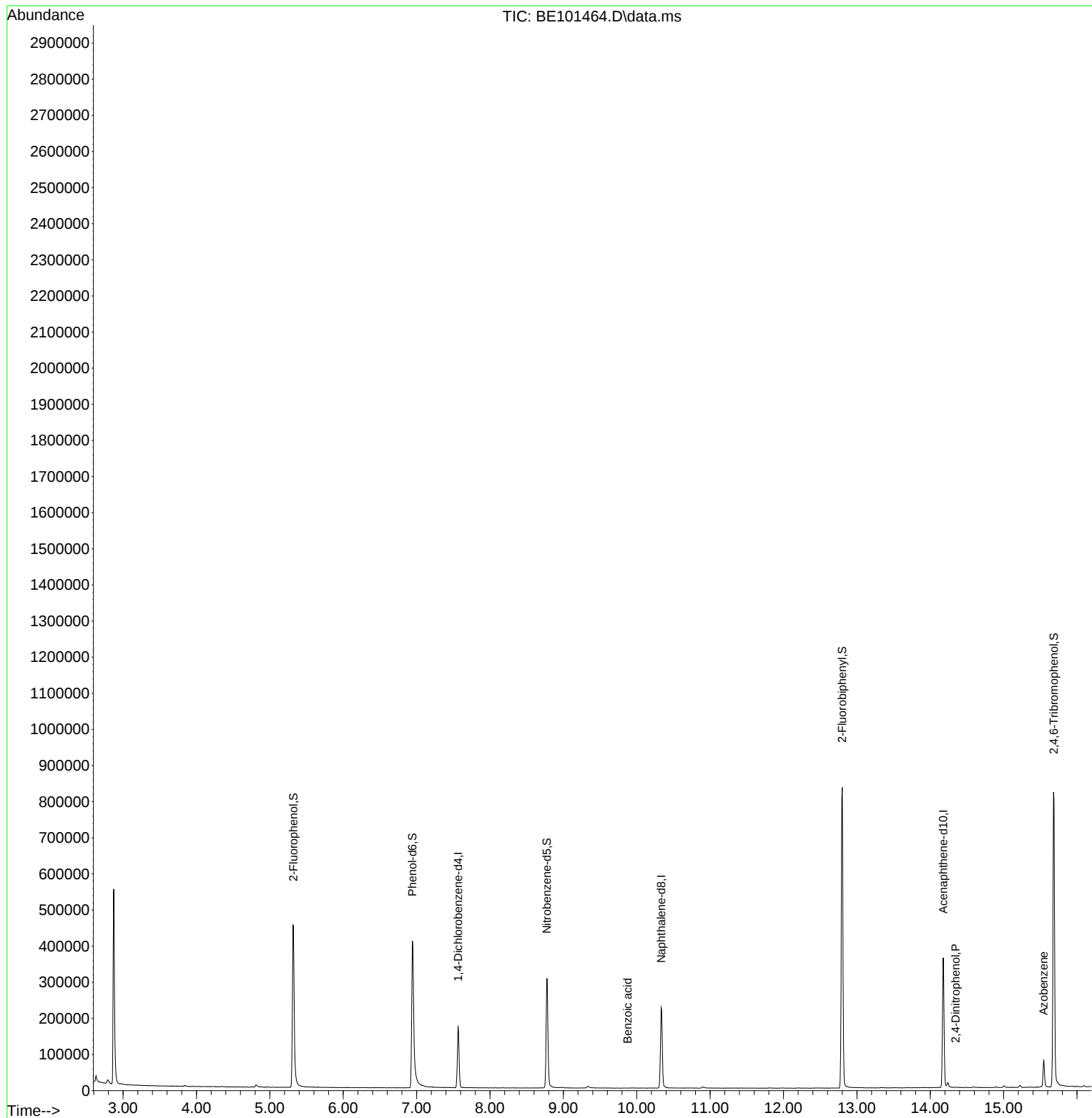
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	48630	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	202752	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	127678	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	305050	20.000	ng	0.00
76) Chrysene-d12	21.074	240	475416	20.000	ng	0.00
86) Perylene-d12	23.365	264	662069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	256661	92.503	ng	0.00
7) Phenol-d6	6.944	99	328612	85.413	ng	0.00
23) Nitrobenzene-d5	8.777	82	184786	57.244	ng	-0.01
42) 2,4,6-Tribromophenol	15.686	330	212768	95.080	ng	0.00
45) 2-Fluorobiphenyl	12.801	172	466605	61.891	ng	0.00
79) Terphenyl-d14	19.505	244	1214419	58.792	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.875	122	33	8.228	ng	# 65
54) 2,4-Dinitrophenol	14.347	184	28	5.634	ng	# 1
63) Azobenzene	15.545	77	22461	2.772	ng	# 1
71) Phenanthrene	16.955	178	51891	3.553	ng	99
75) Fluoranthene	18.959	202	118861	6.700	ng	95
78) Pyrene	19.329	202	106060	4.057	ng	96
81) Benzo(a)anthracene	21.056	228	75915	2.841	ng	95
83) Chrysene	21.109	228	67175	2.600	ng	98
88) Benzo(b)fluoranthene	22.649	252	82947	2.404	ng	98
89) Benzo(k)fluoranthene	22.649	252	82947	2.573	ng	97
90) Benzo(a)pyrene	23.248	252	76123	2.523	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101464.D
Acq On : 4 Nov 2024 20:26
Operator : RC/JU
Sample : P4675-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COMP-2

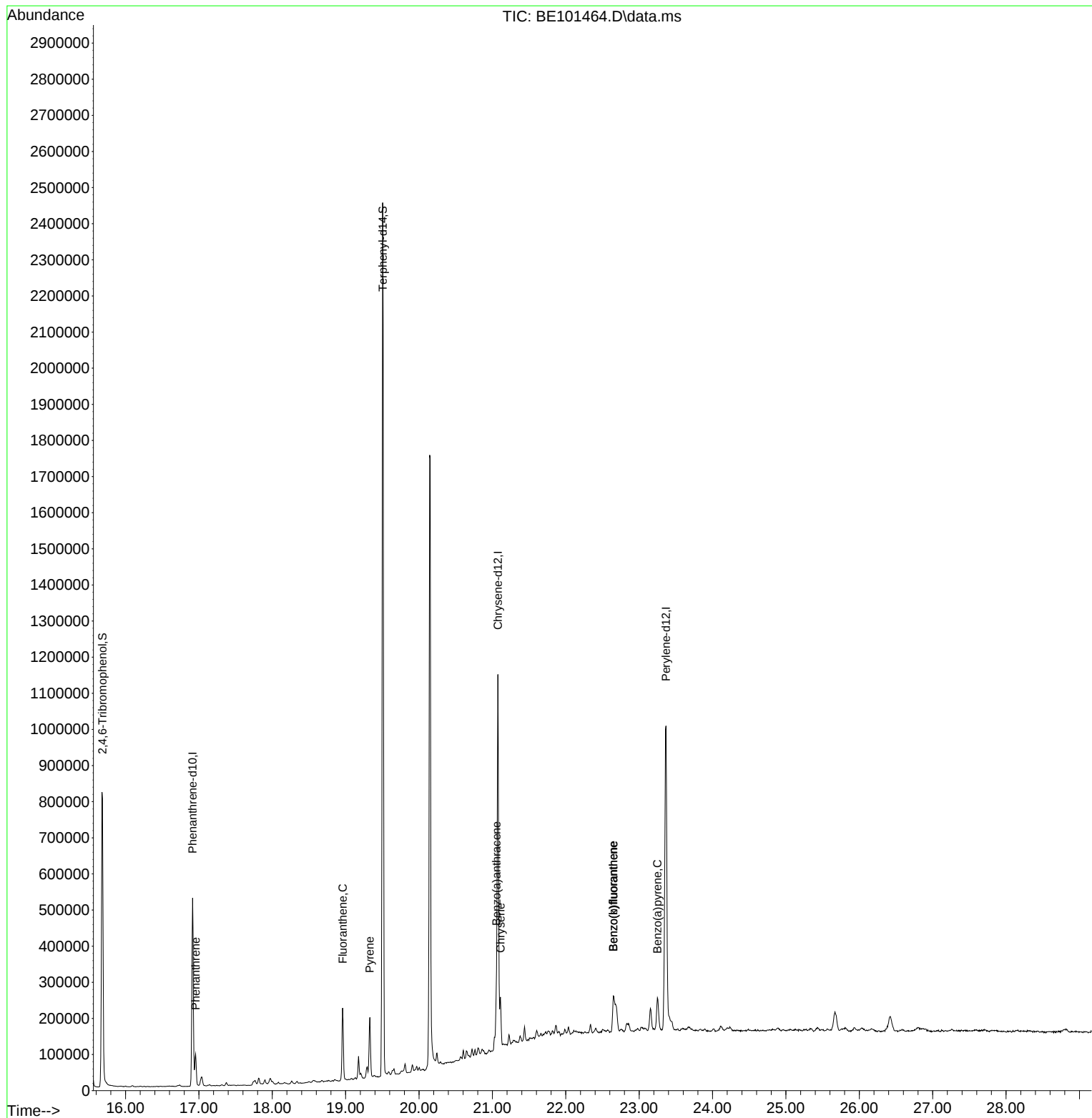
Quant Time: Nov 04 22:08:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

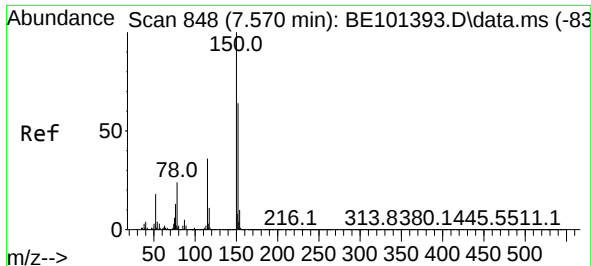


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101464.D
Acq On : 4 Nov 2024 20:26
Operator : RC/JU
Sample : P4675-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COMP-2

Quant Time: Nov 04 22:08:03 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

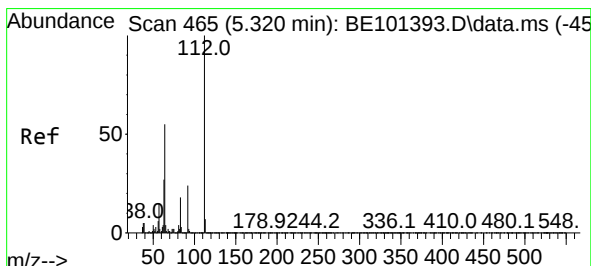
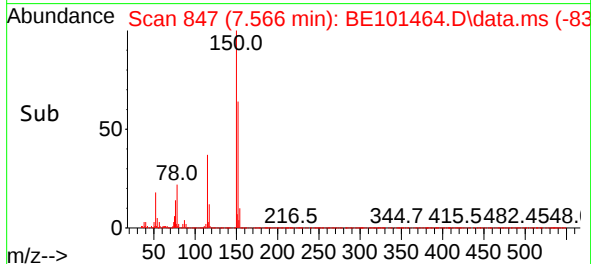
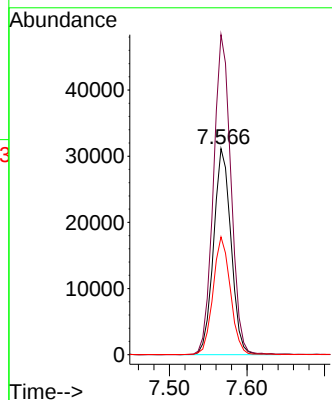
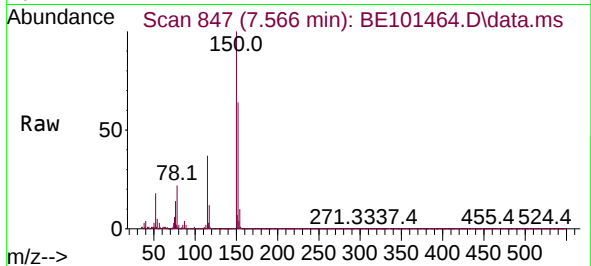




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 848
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

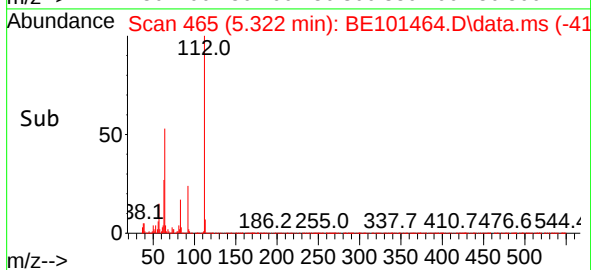
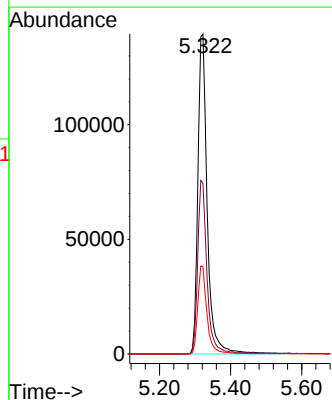
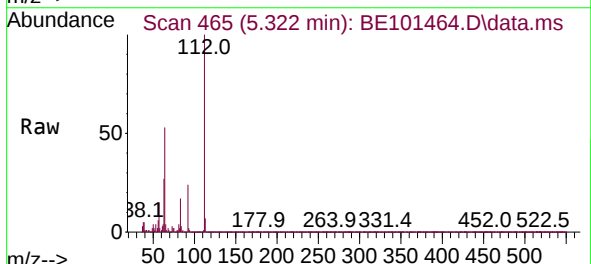
Instrument :
BNA_E
ClientSampleId :
COMP-2

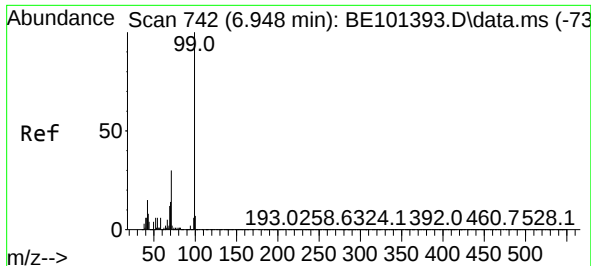
Tgt Ion:152 Resp: 48630
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 57.1 45.3 67.9



#5
2-Fluorophenol
Concen: 92.503 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:112 Resp: 256661
Ion Ratio Lower Upper
112 100
64 53.3 43.7 65.5
63 27.3 21.4 32.2

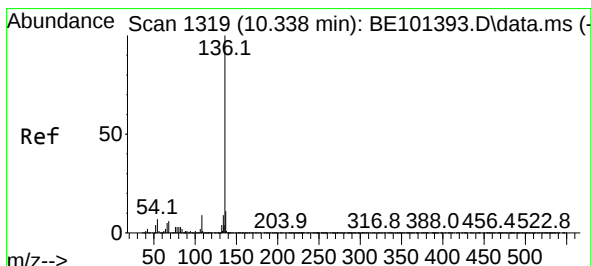
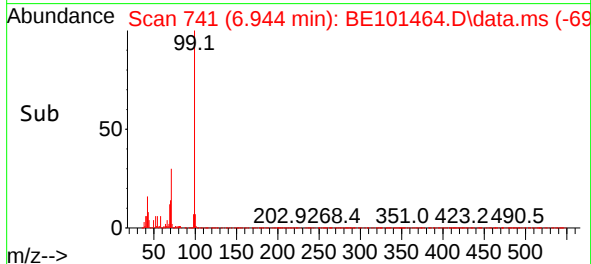
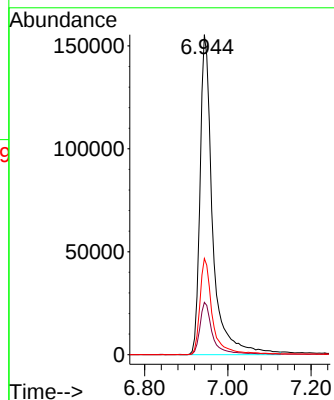
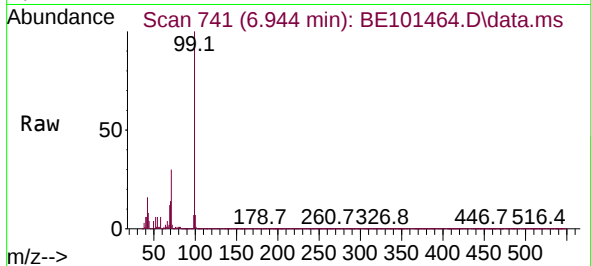




#7
Phenol-d6
Concen: 85.413 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

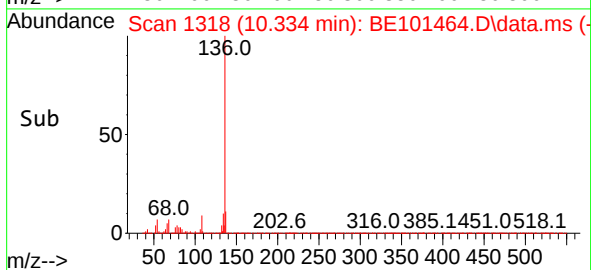
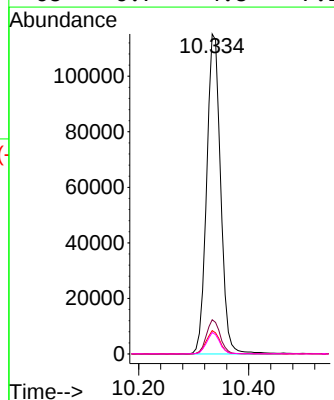
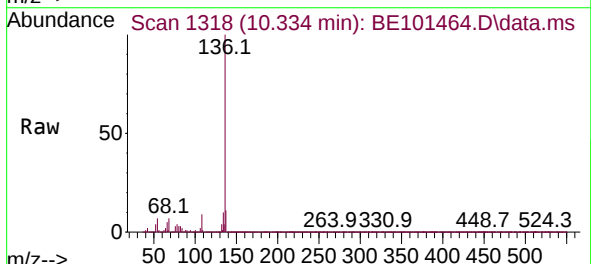
Instrument :
BNA_E
ClientSampleId :
COMP-2

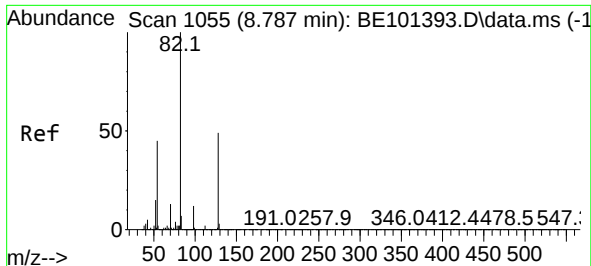
Tgt Ion: 99 Resp: 328612
Ion Ratio Lower Upper
99 100
42 16.3 12.3 18.5
71 30.1 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:136 Resp: 202752
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.3 5.9 8.9
68 6.7 4.8 7.2

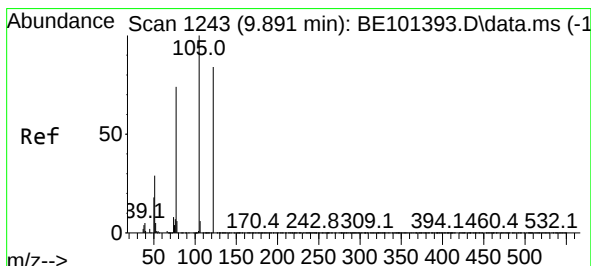
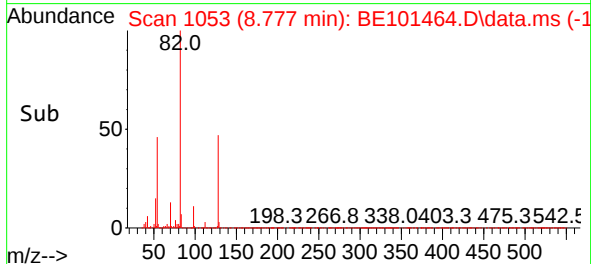
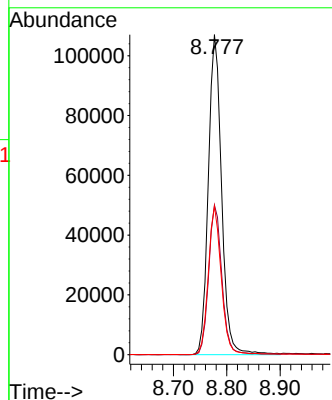
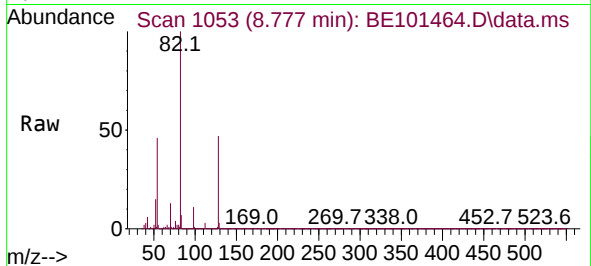




#23
Nitrobenzene-d5
Concen: 57.244 ng
RT: 8.777 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

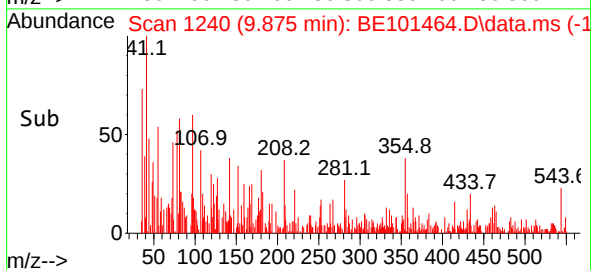
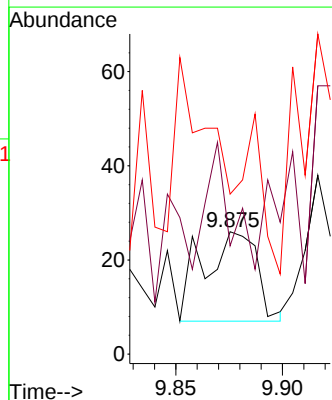
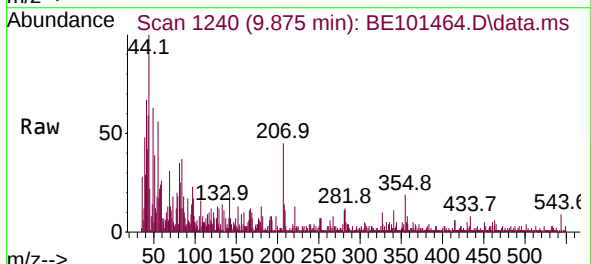
Instrument :
BNA_E
ClientSampleId :
COMP-2

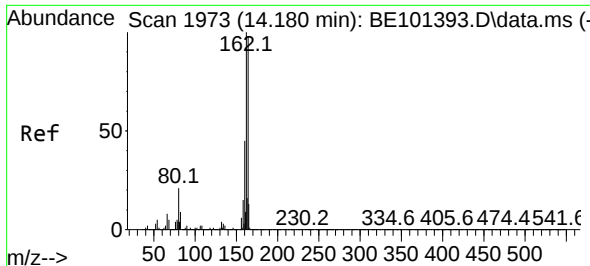
Tgt Ion: 82 Resp: 184786
Ion Ratio Lower Upper
82 100
128 46.8 38.9 58.3
54 46.5 36.2 54.4



#32
Benzoic acid
Concen: 8.228 ng
RT: 9.875 min Scan# 1240
Delta R.T. -0.016 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion: 122 Resp: 33
Ion Ratio Lower Upper
122 100
105 88.5 97.9 137.9#
77 130.8 68.1 108.1#

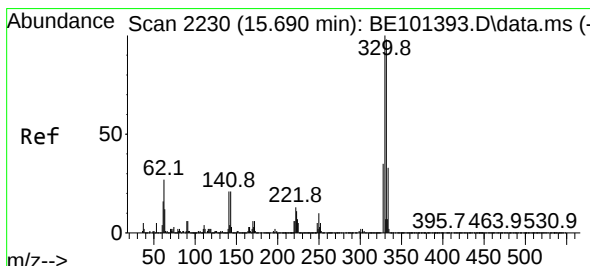
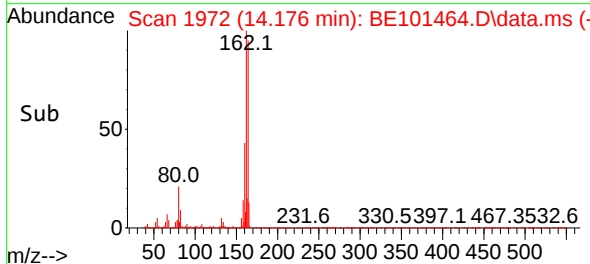
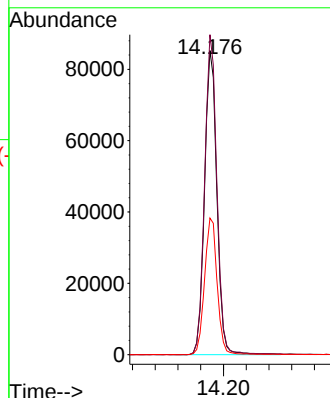
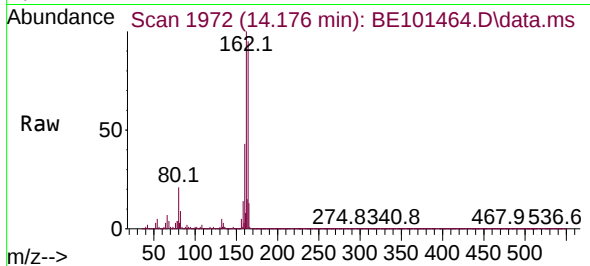




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1973
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

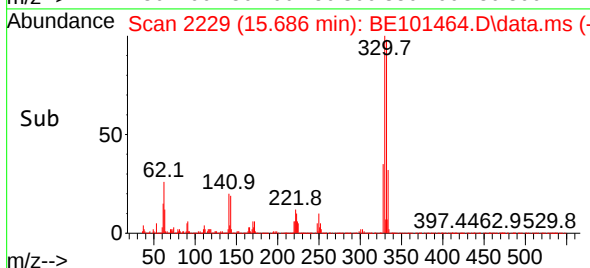
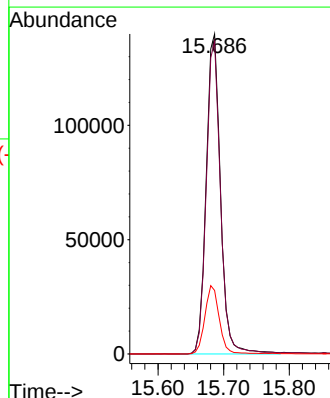
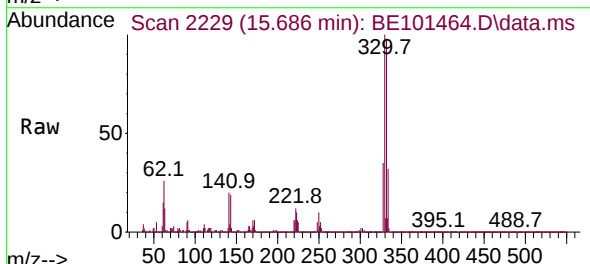
Instrument :
BNA_E
ClientSampleId :
COMP-2

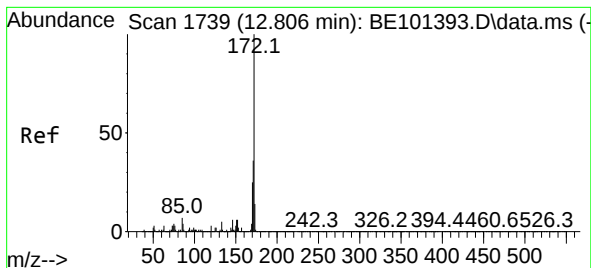
Tgt Ion:164 Resp: 127678
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 44.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 95.080 ng
RT: 15.686 min Scan# 2229
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:330 Resp: 212768
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 21.4 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 61.891 ng

RT: 12.801 min Scan# 1

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

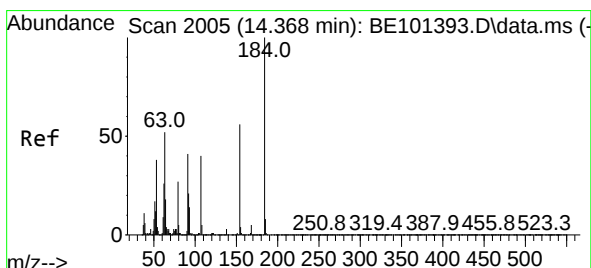
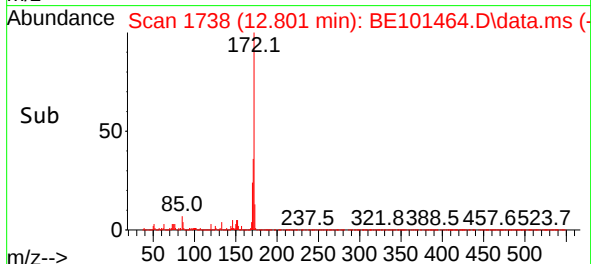
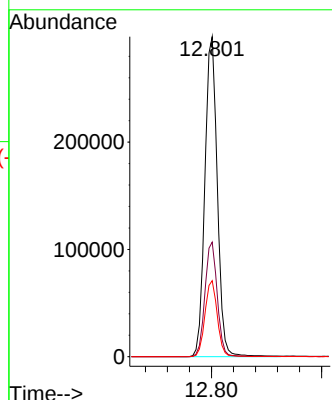
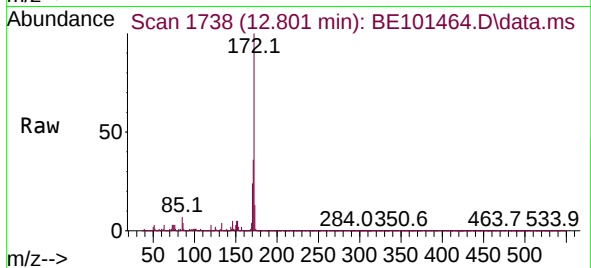
Tgt Ion:172 Resp: 466605

Ion Ratio Lower Upper

172 100

171 35.8 29.2 43.8

170 23.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.634 ng

RT: 14.347 min Scan# 2001

Delta R.T. -0.021 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

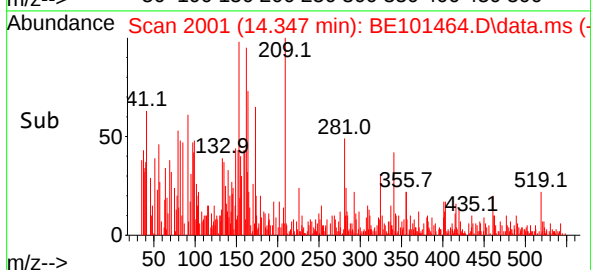
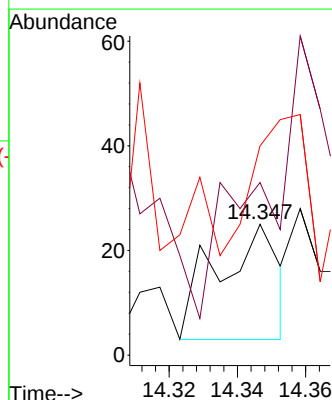
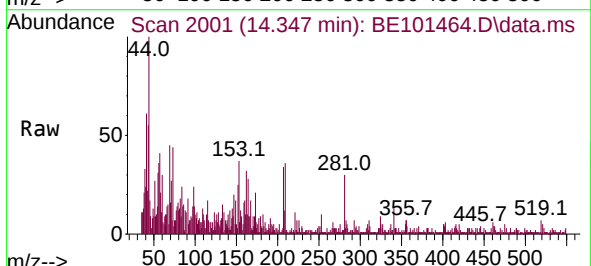
Tgt Ion:184 Resp: 28

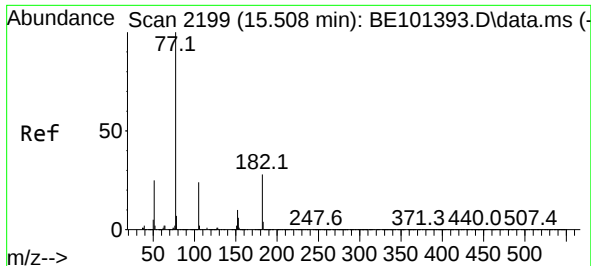
Ion Ratio Lower Upper

184 100

63 132.0 41.8 62.6#

154 160.0 44.9 67.3#

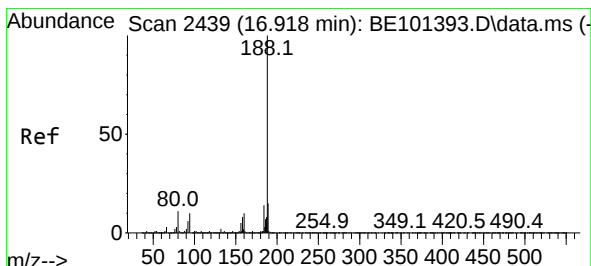
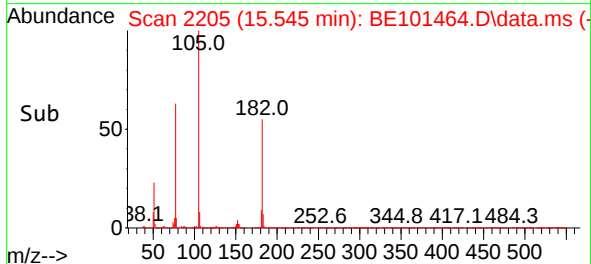
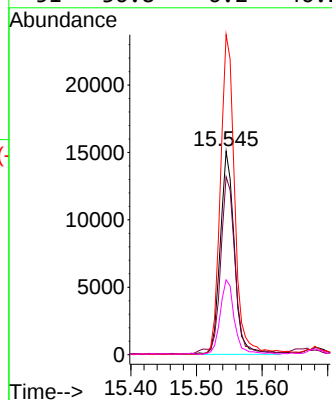
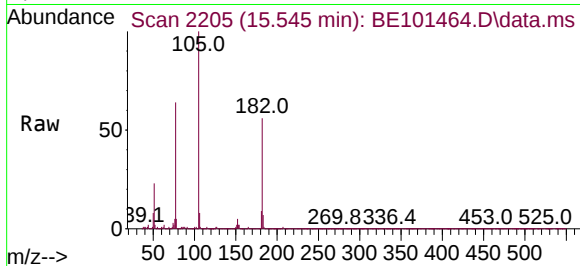




#63
Azobenzene
Concen: 2.772 ng
RT: 15.545 min Scan# 2199
Delta R.T. 0.037 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

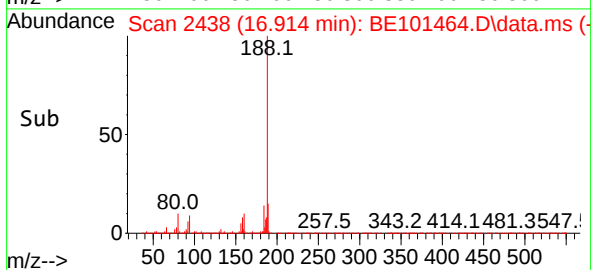
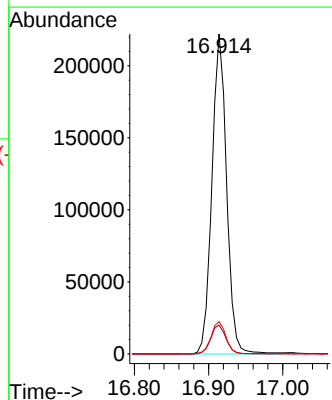
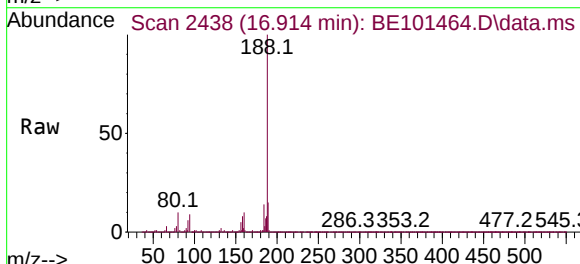
Instrument :
BNA_E
ClientSampleId :
COMP-2

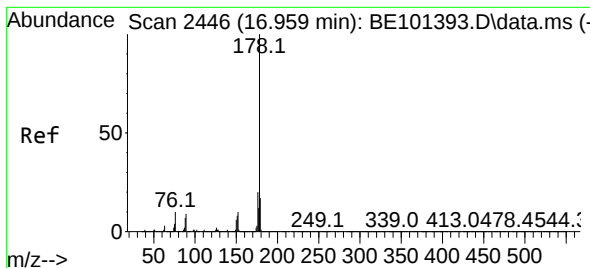
Tgt Ion: 77 Resp: 22461
Ion Ratio Lower Upper
77 100
182 87.5 7.6 47.6#
105 157.3 3.2 43.2#
51 36.8 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.914 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion: 188 Resp: 305050
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 10.1 8.6 12.8





#71

Phenanthrene

Concen: 3.553 ng

RT: 16.955 min Scan# 2446

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

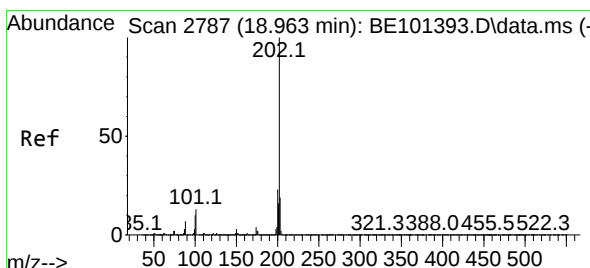
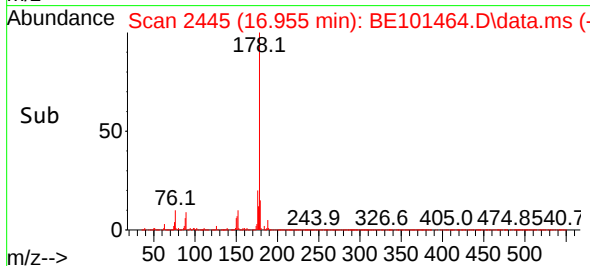
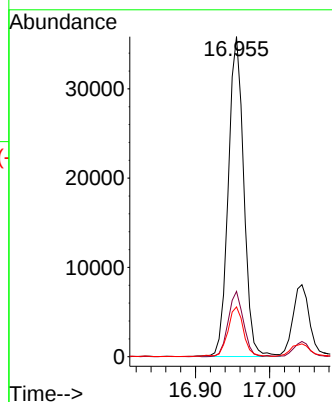
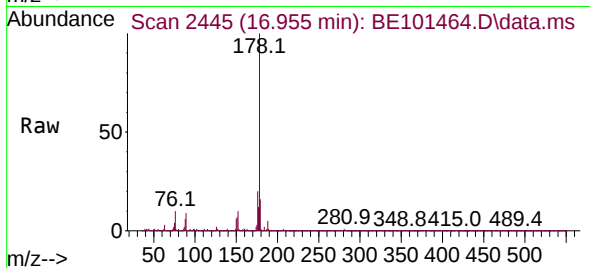
Tgt Ion:178 Resp: 51891

Ion Ratio Lower Upper

178 100

176 20.4 16.4 24.6

179 15.5 13.2 19.8



#75

Fluoranthene

Concen: 6.700 ng

RT: 18.959 min Scan# 2786

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

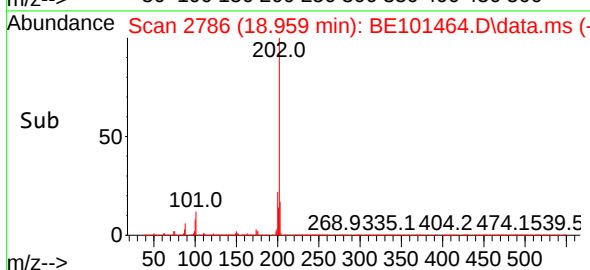
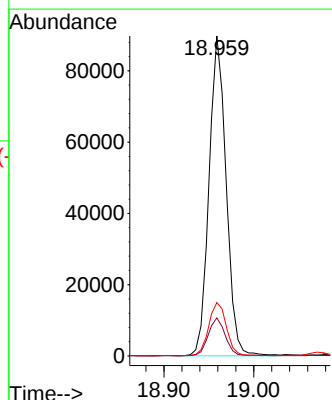
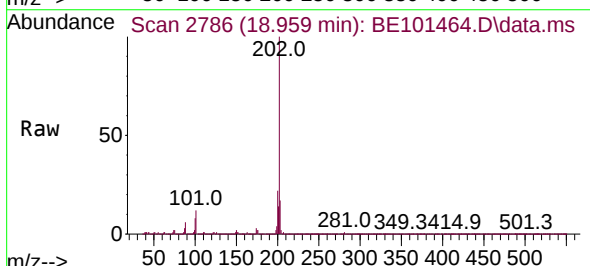
Tgt Ion:202 Resp: 118861

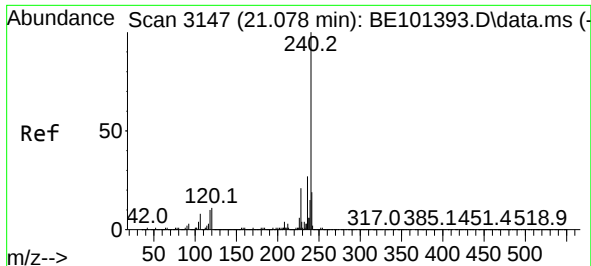
Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.3

203 16.7 0.0 39.3

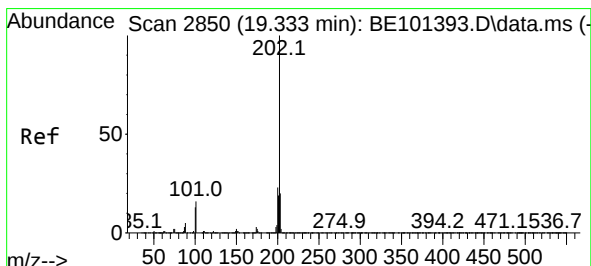
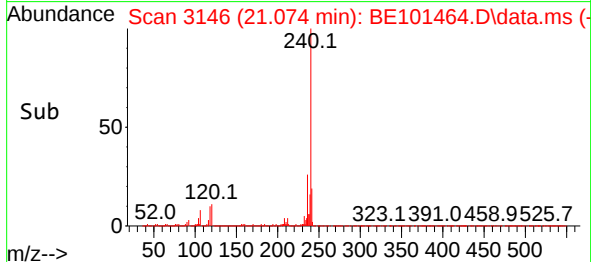
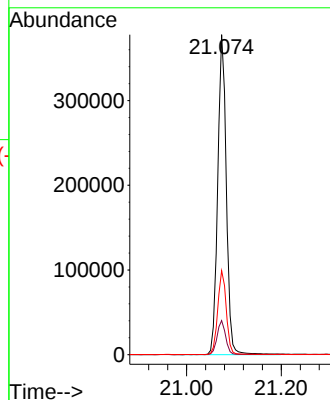
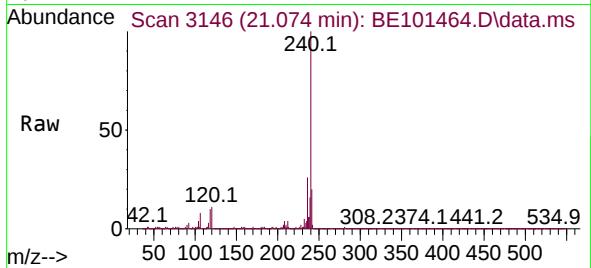




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.074 min Scan# 3147
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

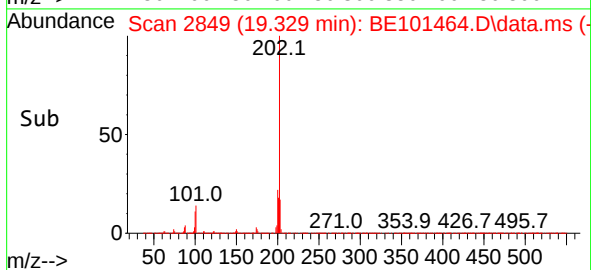
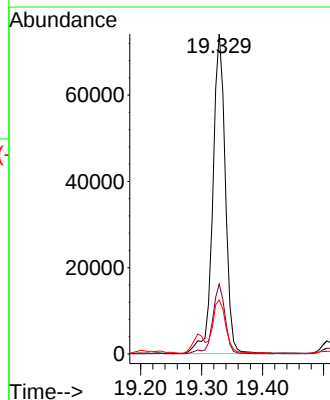
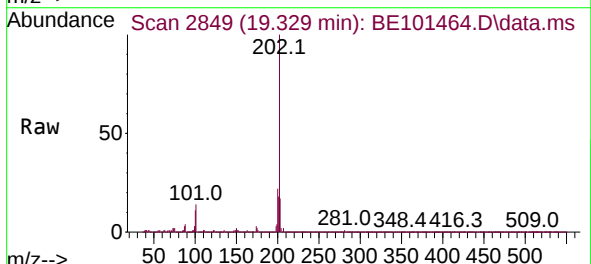
Instrument :
BNA_E
ClientSampleId :
COMP-2

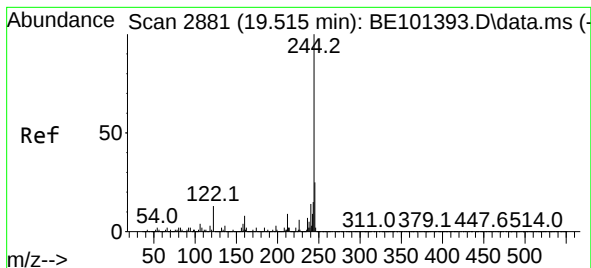
Tgt Ion:240 Resp: 475416
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.4
236 26.3 21.4 32.0



#78
Pyrene
Concen: 4.057 ng
RT: 19.329 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:202 Resp: 106060
Ion Ratio Lower Upper
202 100
200 21.9 18.6 28.0
203 16.9 15.6 23.4





#79

Terphenyl-d14

Concen: 58.792 ng

RT: 19.505 min Scan# 21

Delta R.T. -0.010 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

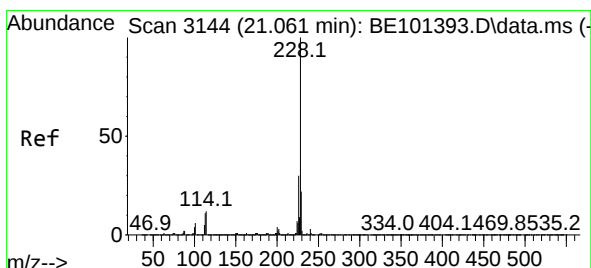
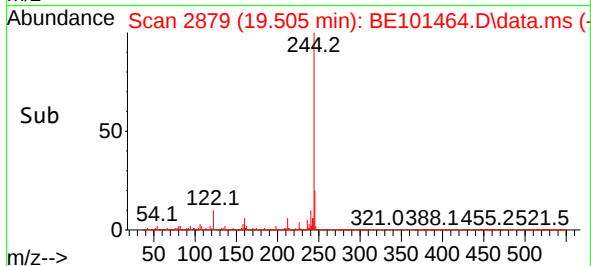
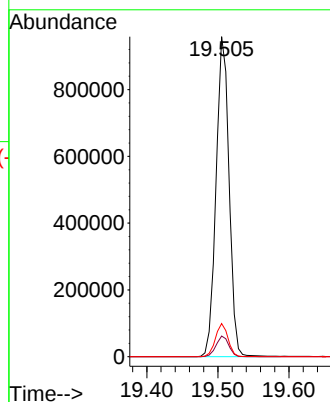
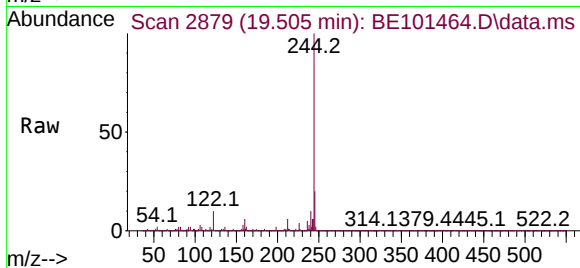
Tgt Ion:244 Resp: 1214419

Ion Ratio Lower Upper

244 100

212 6.4 7.2 10.8#

122 10.4 10.4 15.6#



#81

Benzo(a)anthracene

Concen: 2.841 ng

RT: 21.056 min Scan# 3143

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

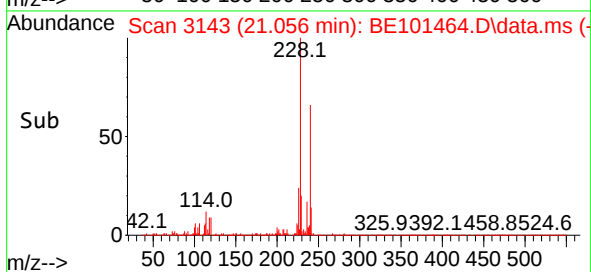
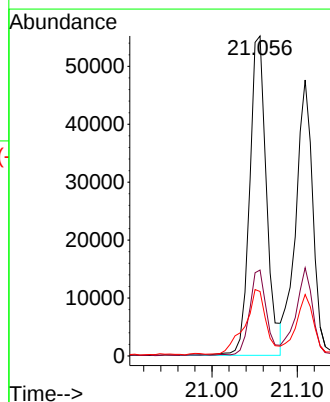
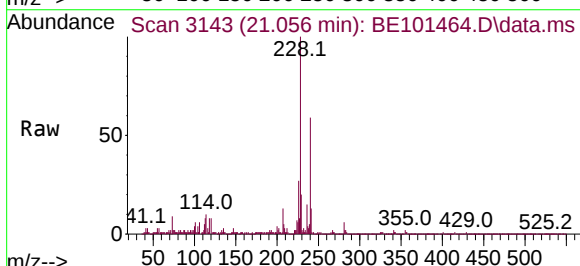
Tgt Ion:228 Resp: 75915

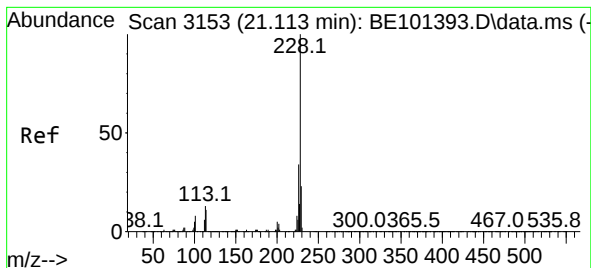
Ion Ratio Lower Upper

228 100

226 26.8 24.1 36.1

229 20.2 17.3 25.9





#83

Chrysene

Concen: 2.600 ng

RT: 21.109 min Scan# 3153

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

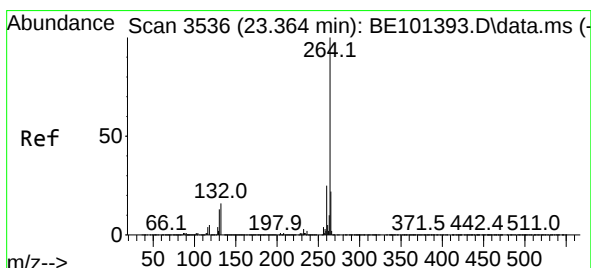
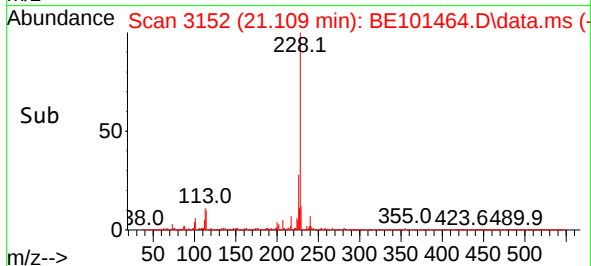
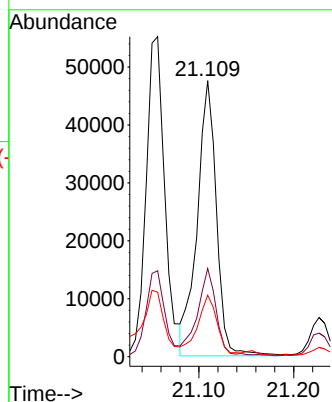
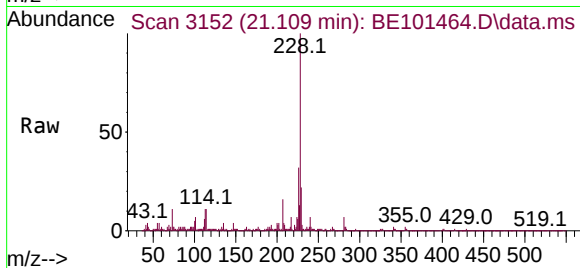
Tgt Ion:228 Resp: 67175

Ion Ratio Lower Upper

228 100

226 32.0 27.2 40.8

229 22.3 18.0 27.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.365 min Scan# 3536

Delta R.T. 0.002 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

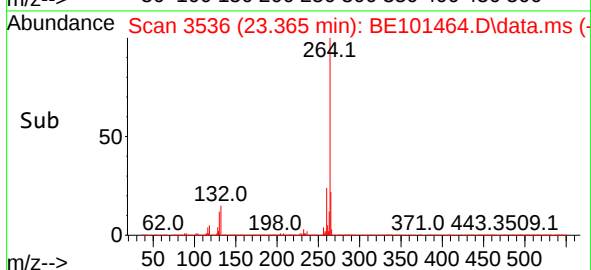
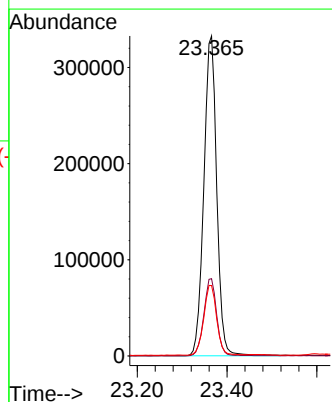
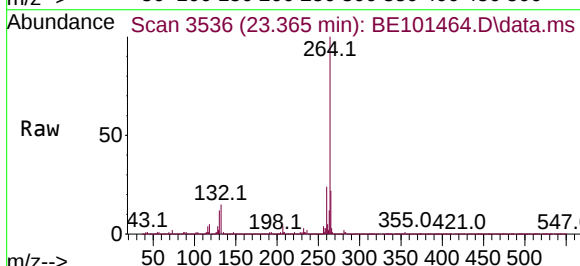
Tgt Ion:264 Resp: 662069

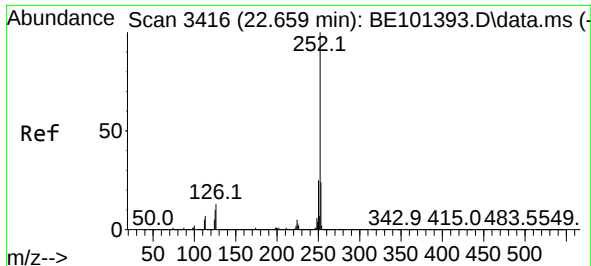
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.0 17.6 26.4

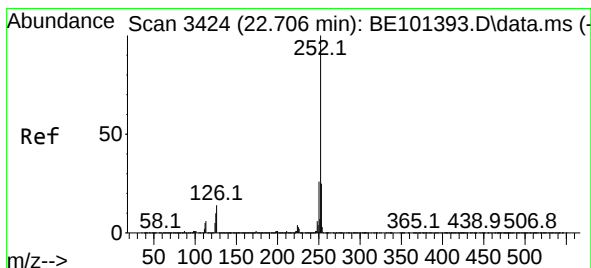
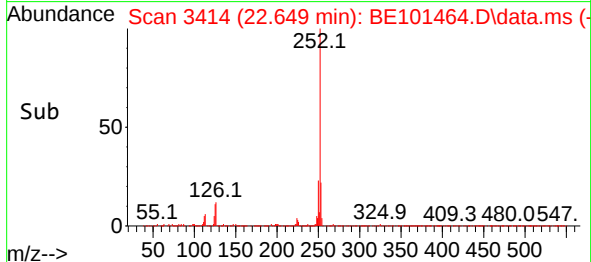
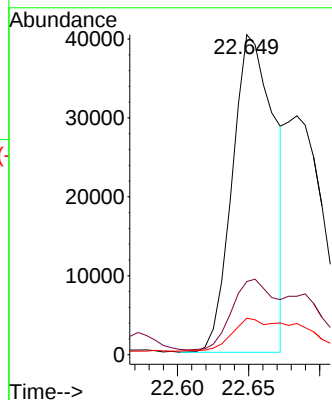
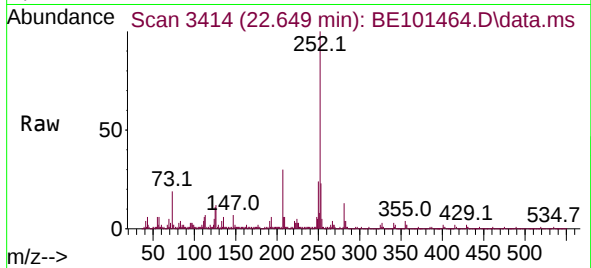




#88
Benzo(b)fluoranthene
Concen: 2.404 ng
RT: 22.649 min Scan# 3414
Delta R.T. -0.010 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

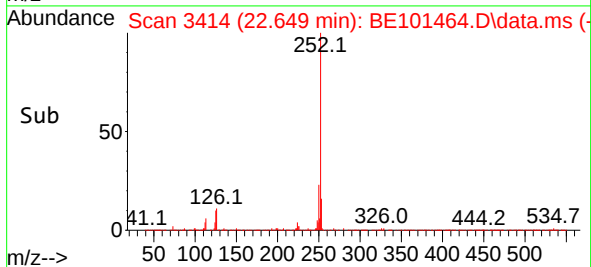
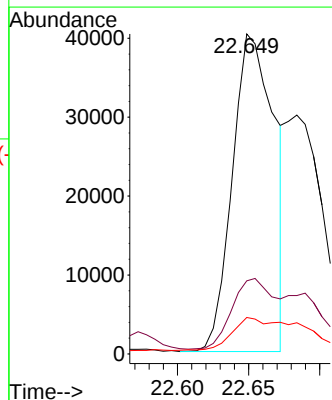
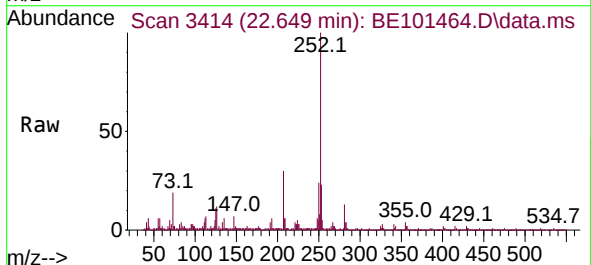
Instrument :
BNA_E
ClientSampleId :
COMP-2

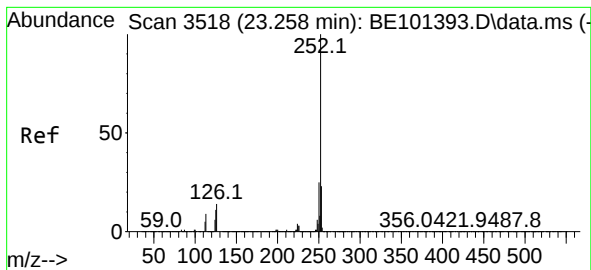
Tgt Ion:252 Resp: 82947
Ion Ratio Lower Upper
252 100
253 22.9 19.0 28.6
125 11.4 8.2 12.2



#89
Benzo(k)fluoranthene
Concen: 2.573 ng
RT: 22.649 min Scan# 3414
Delta R.T. -0.057 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:252 Resp: 82947
Ion Ratio Lower Upper
252 100
253 22.9 19.4 29.2
125 11.4 8.2 12.2





#90

Benzo(a)pyrene

Concen: 2.523 ng

RT: 23.248 min Scan# 31

Delta R.T. -0.010 min

Lab File: BE101464.D

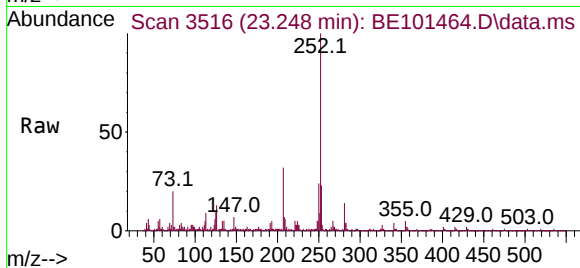
Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2



Tgt Ion:252 Resp: 76123

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 10.5 9.0 13.6

