

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
 Data File : BE101595.D
 Acq On : 13 Nov 2024 14:56
 Operator : RC/JU
 Sample : P4811-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RB24008

Quant Time: Nov 13 16:33:25 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)

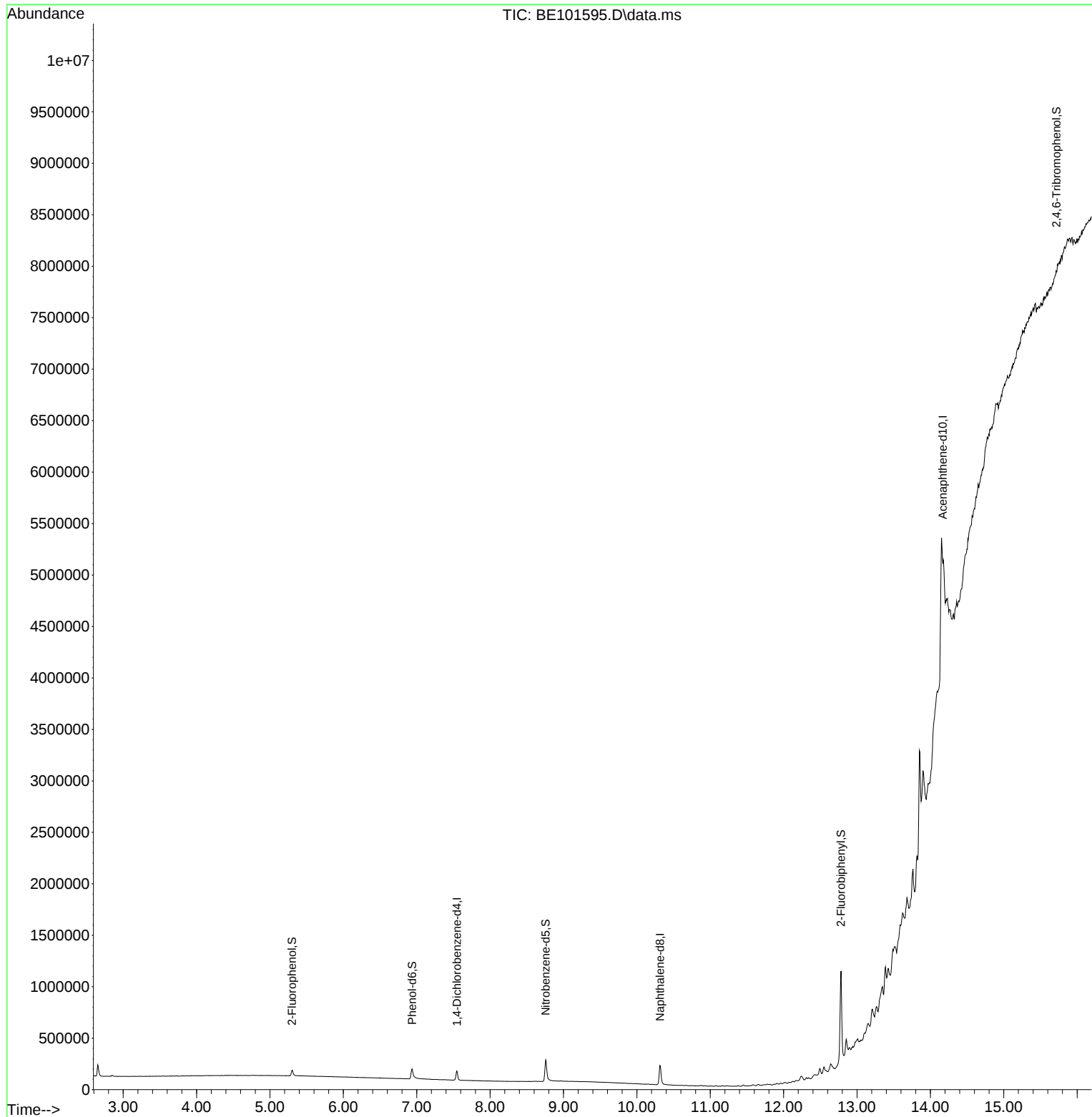
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	28486	20.000	ng	-0.02
21) Naphthalene-d8	10.314	136	196283	20.000	ng	#-0.02
39) Acenaphthene-d10	14.169	164	168606	20.000	ng	0.00
64) Phenanthrene-d10	17.018	188	83688	20.000	ng	# 0.11
76) Chrysene-d12	21.102	240	319599	20.000	ng	0.02
86) Perylene-d12	23.346	264	432778	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	27389	17.001	ng	-0.01
7) Phenol-d6	6.936	99	95263	43.128	ng	-0.01
23) Nitrobenzene-d5	8.757	82	157038	50.536	ng	-0.02
42) 2,4,6-Tribromophenol	15.720	330	92915m	29.286	ng	0.04
45) 2-Fluorobiphenyl	12.782	172	453773	43.944	ng	-0.02
79) Terphenyl-d14	19.592	244	363266	25.160	ng	0.09
Target Compounds						Qvalue
81) Benzo(a)anthracene	21.084	228	47348m	2.494	ng	97
83) Chrysene	21.137	228	72334	4.009	ng	
88) Benzo(b)fluoranthene	22.641	252	94477m	3.979	ng	
89) Benzo(k)fluoranthene	22.676	252	43835m	2.034	ng	# 93
90) Benzo(a)pyrene	23.234	252	56504	2.756	ng	
92) Benzo(g,h,i)perylene	26.390	276	58426	2.322	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101595.D
Acq On : 13 Nov 2024 14:56
Operator : RC/JU
Sample : P4811-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RB24008

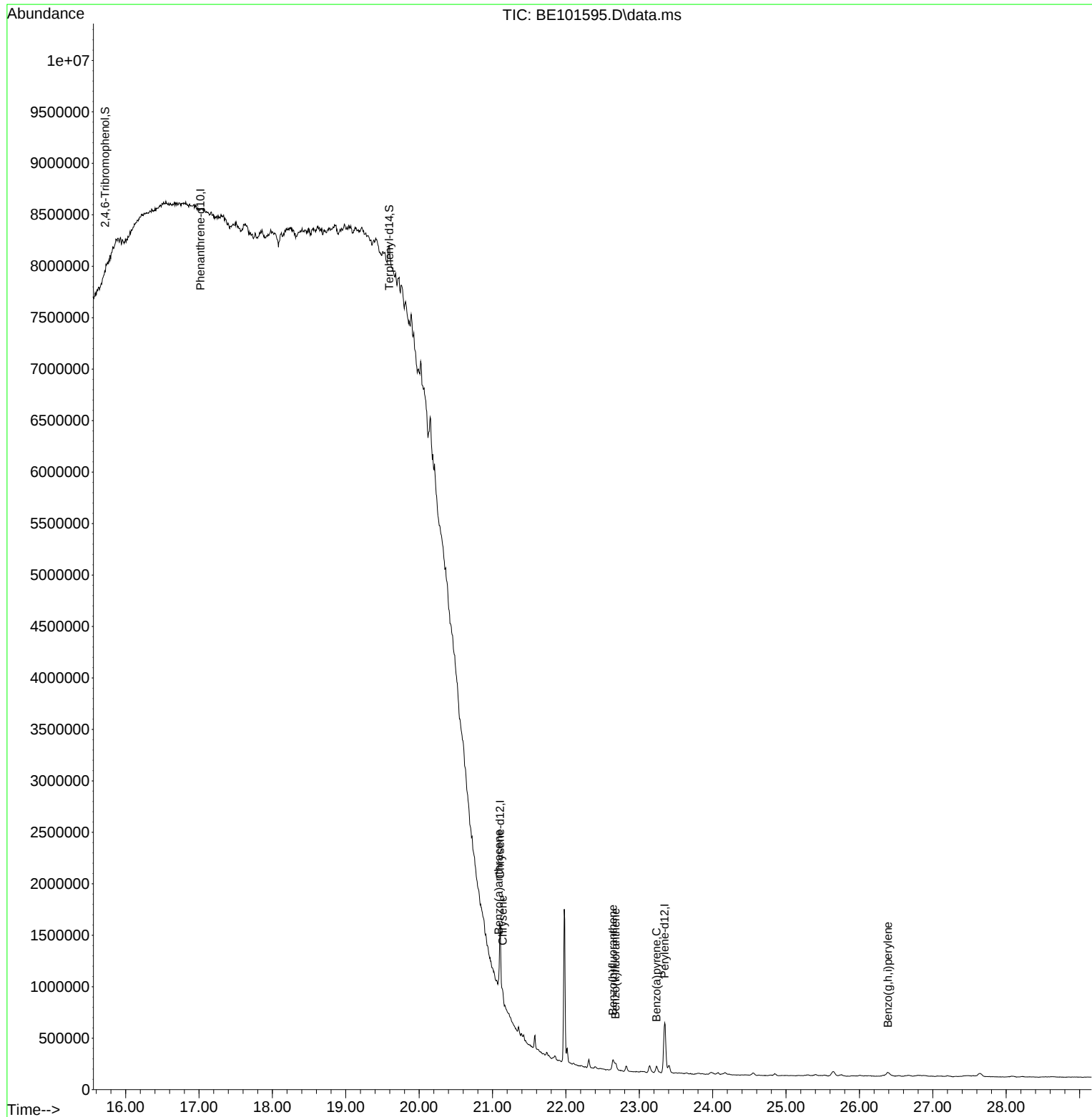
Quant Time: Nov 13 16:33:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
Data File : BE101595.D
Acq On : 13 Nov 2024 14:56
Operator : RC/JU
Sample : P4811-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RB24008

Quant Time: Nov 13 16:33:25 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

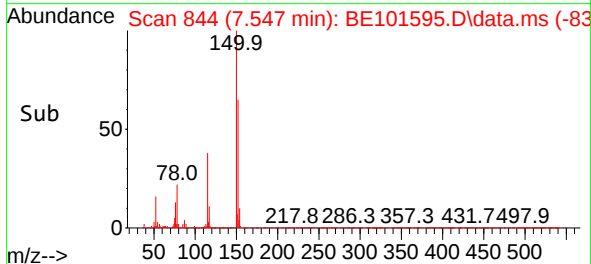
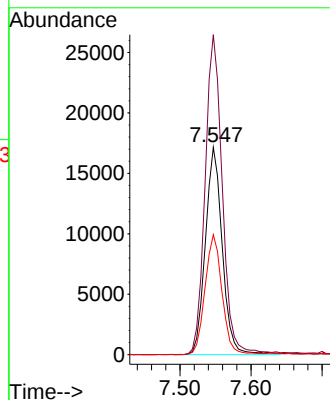
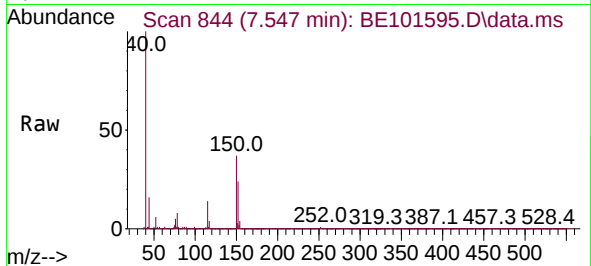




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.547 min Scan# 84
Delta R.T. -0.016 min
Lab File: BE101595.D
Acq: 13 Nov 2024 14:56

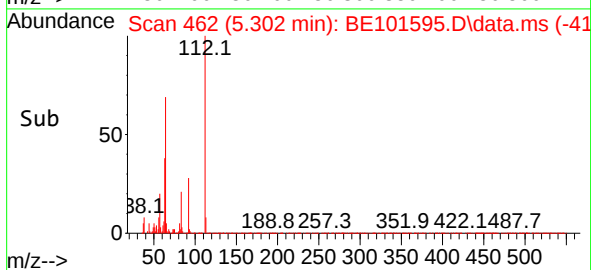
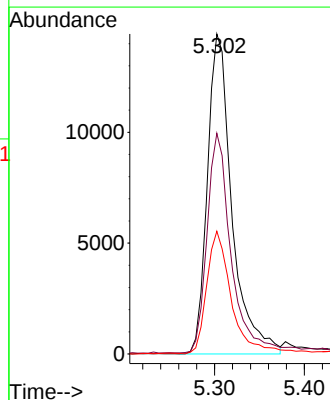
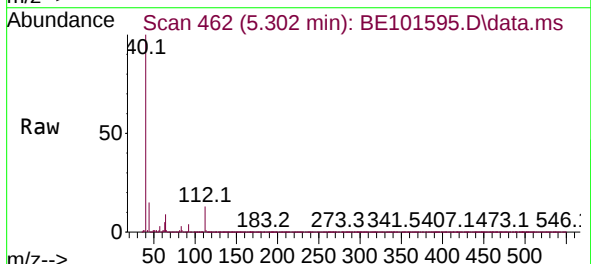
Instrument :
BNA_E
ClientSampleId :
RB24008

Tgt Ion:152 Resp: 28486
Ion Ratio Lower Upper
152 100
150 154.3 126.3 189.5
115 57.9 45.0 67.4



#5
2-Fluorophenol
Concen: 17.001 ng
RT: 5.302 min Scan# 462
Delta R.T. -0.010 min
Lab File: BE101595.D
Acq: 13 Nov 2024 14:56

Tgt Ion:112 Resp: 27389
Ion Ratio Lower Upper
112 100
64 69.0 43.2 64.8#
63 38.4 21.8 32.6#

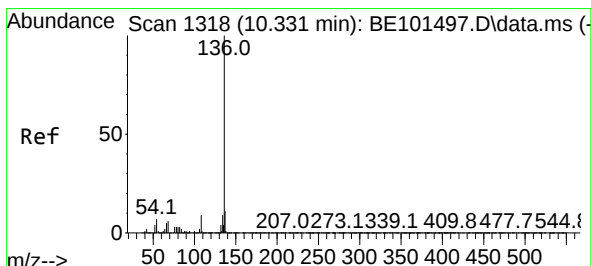
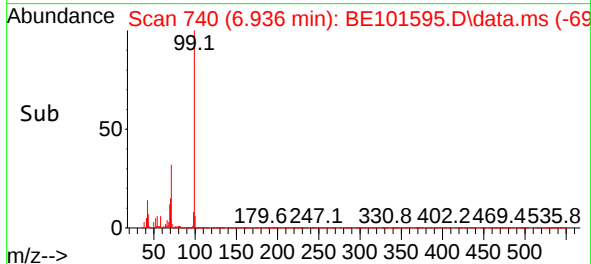
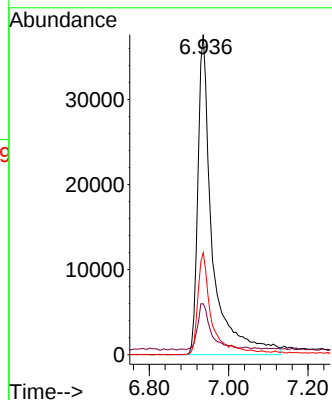
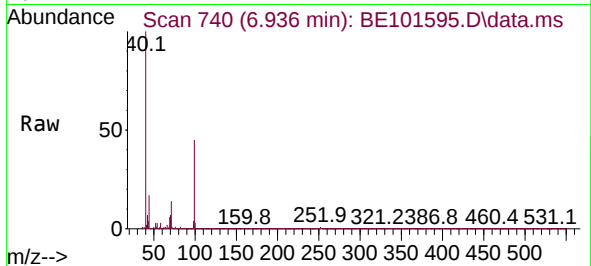




#7
Phenol-d6
Concen: 43.128 ng
RT: 6.936 min Scan# 742
Delta R.T. -0.010 min
Lab File: BE101595.D
Acq: 13 Nov 2024 14:56

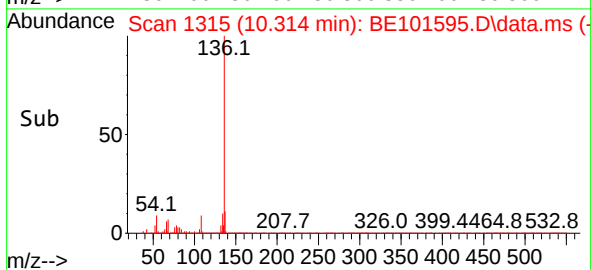
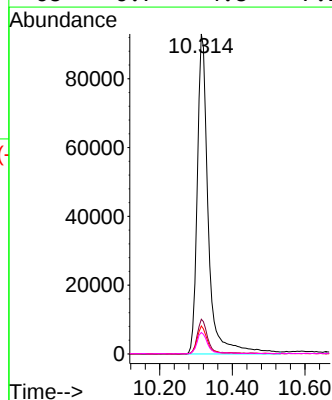
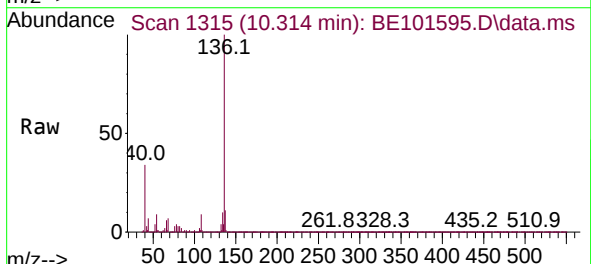
Instrument :
BNA_E
ClientSampleId :
RB24008

Tgt Ion: 99	Resp: 95263
Ion Ratio	Lower Upper
99 100	
42 15.9	12.5 18.7
71 31.8	24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.314 min Scan# 1315
Delta R.T. -0.016 min
Lab File: BE101595.D
Acq: 13 Nov 2024 14:56

Tgt Ion: 136	Resp: 196283
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.7	5.6 8.4
68 6.7	4.8 7.2

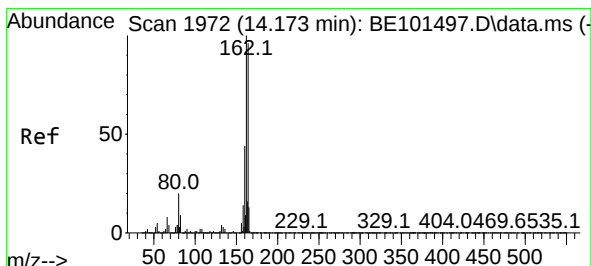
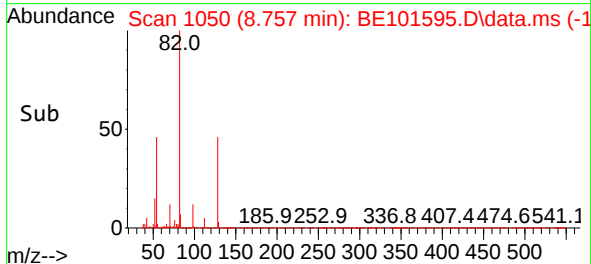
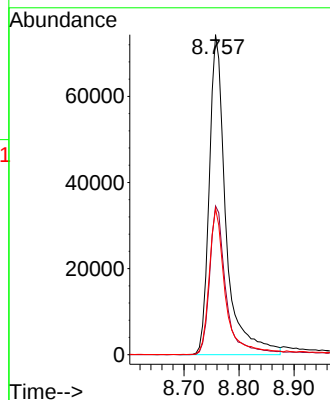
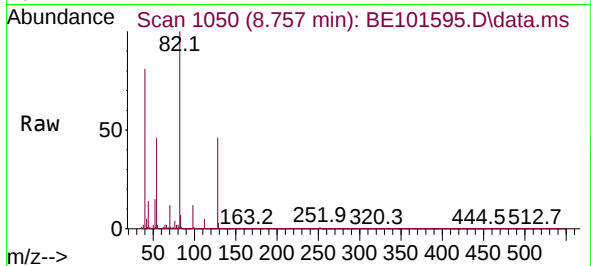




#23
 Nitrobenzene-d5
 Concen: 50.536 ng
 RT: 8.757 min Scan# 1050
 Delta R.T. -0.016 min
 Lab File: BE101595.D
 Acq: 13 Nov 2024 14:56

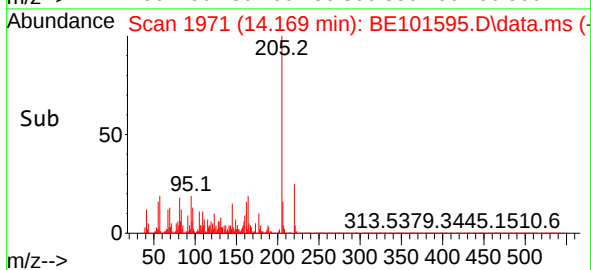
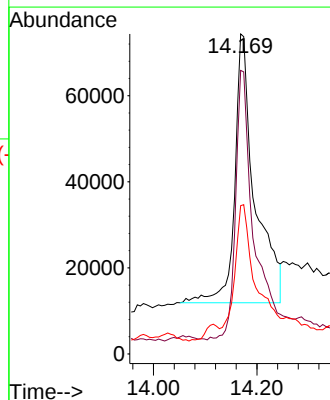
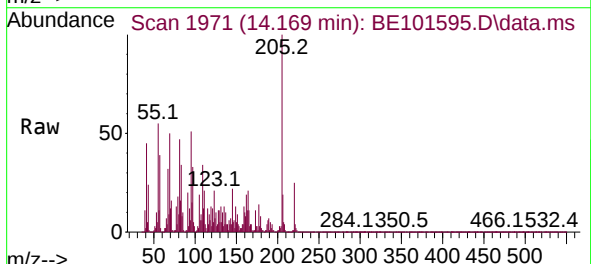
Instrument :
 BNA_E
 ClientSampleId :
 RB24008

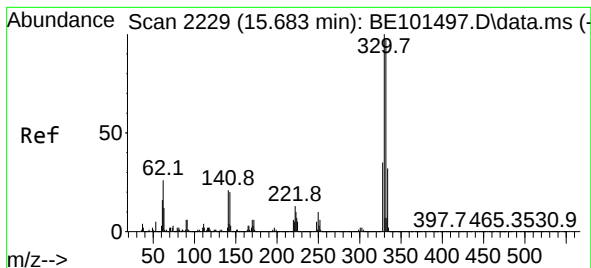
Tgt Ion: 82 Resp: 157038
 Ion Ratio Lower Upper
 82 100
 128 46.4 38.6 58.0
 54 45.6 36.3 54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.169 min Scan# 1971
 Delta R.T. -0.005 min
 Lab File: BE101595.D
 Acq: 13 Nov 2024 14:56

Tgt Ion:164 Resp: 168606
 Ion Ratio Lower Upper
 164 100
 162 88.6 83.7 125.5
 160 46.3 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 29.286 ng m

RT: 15.720 min Scan# 21

Delta R.T. 0.037 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Instrument :

BNA_E

ClientSampleId :

RB24008

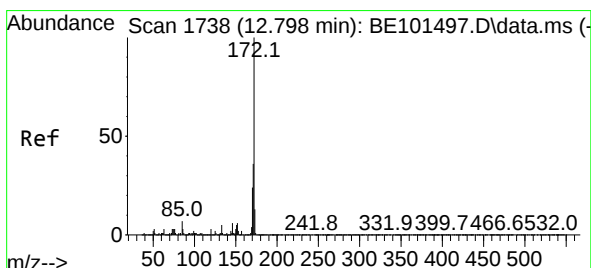
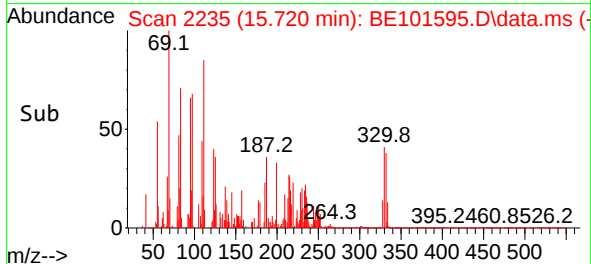
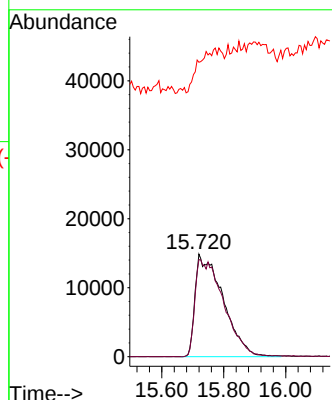
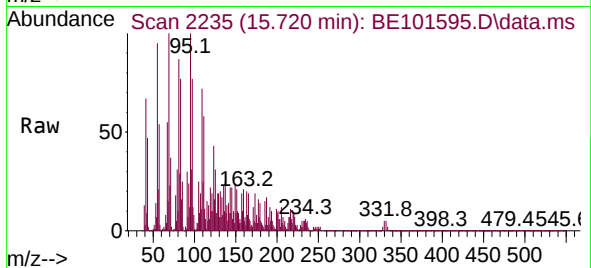
Tgt Ion:330 Resp: 92915

Ion Ratio Lower Upper

330 100

332 37.4 77.7 116.5#

141 0.0 17.0 25.4#



#45

2-Fluorobiphenyl

Concen: 43.944 ng

RT: 12.782 min Scan# 1735

Delta R.T. -0.016 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

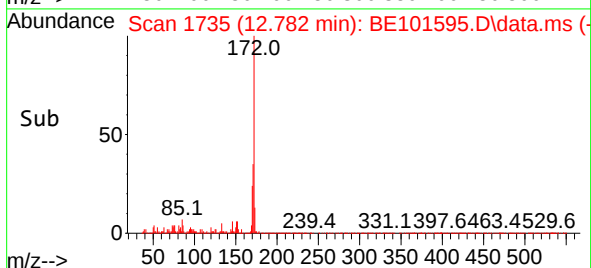
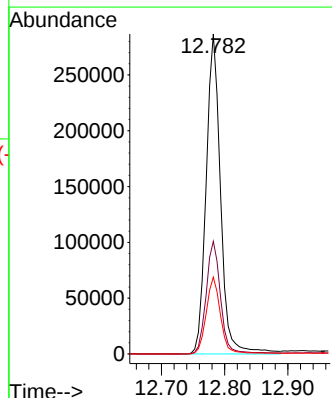
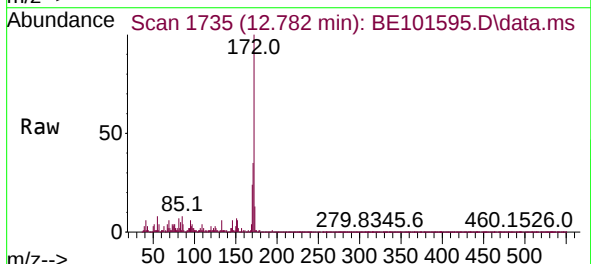
Tgt Ion:172 Resp: 453773

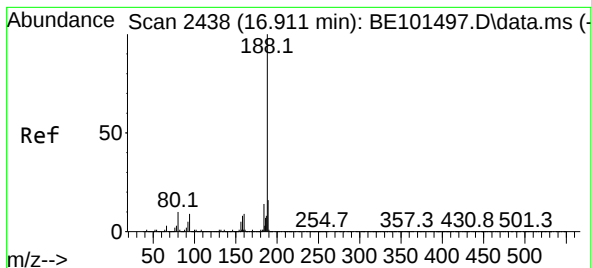
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.018 min Scan# 2438

Delta R.T. 0.107 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Instrument :

BNA_E

ClientSampleId :

RB24008

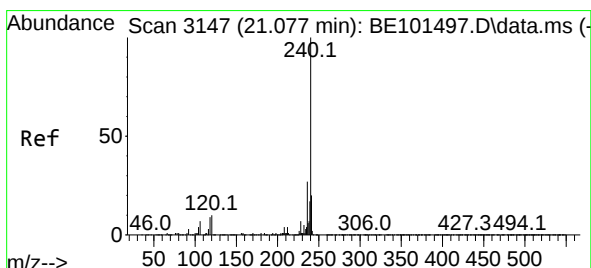
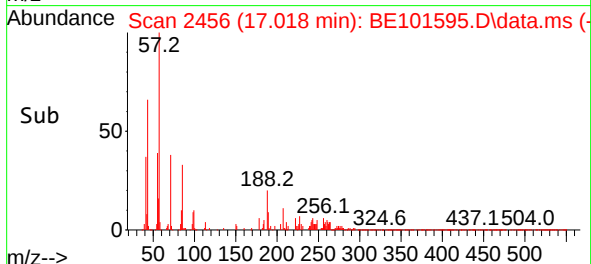
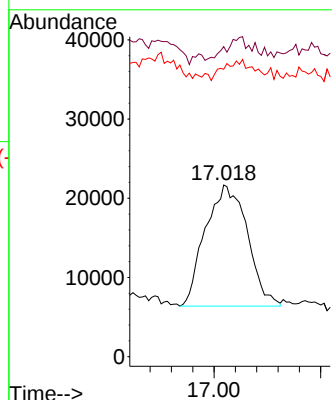
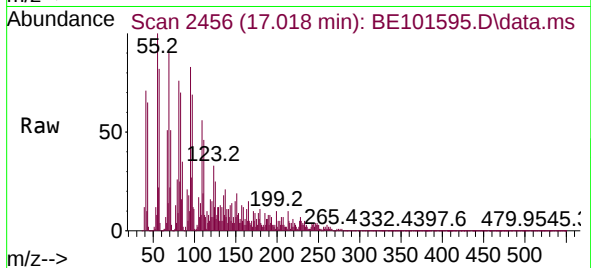
Tgt Ion:188 Resp: 83688

Ion Ratio Lower Upper

188 100

94 180.6 7.4 11.2#

80 167.4 8.0 12.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.102 min Scan# 3151

Delta R.T. 0.025 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

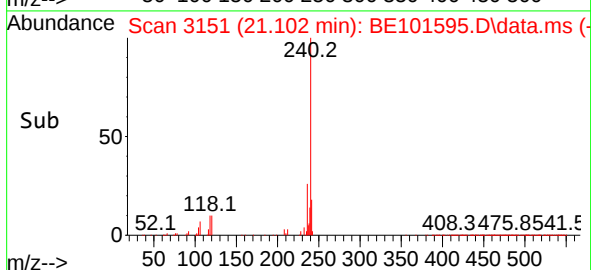
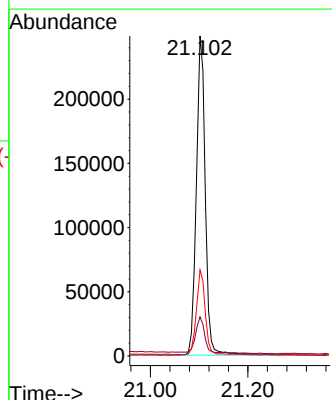
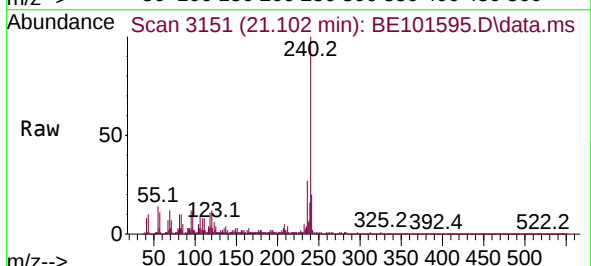
Tgt Ion:240 Resp: 319599

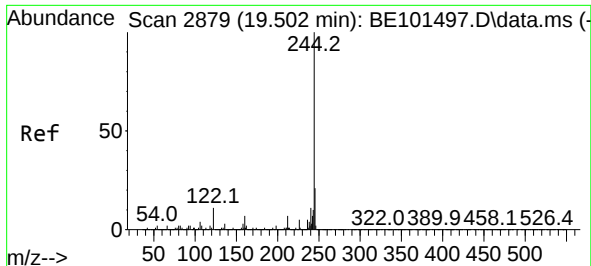
Ion Ratio Lower Upper

240 100

120 12.2 8.2 12.4

236 26.9 21.4 32.2

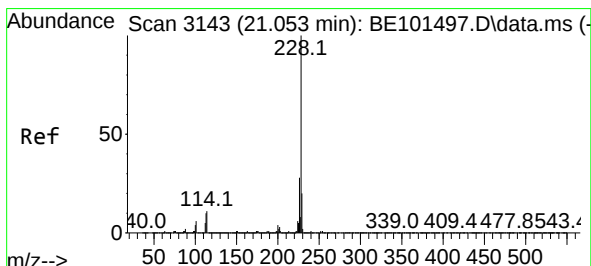
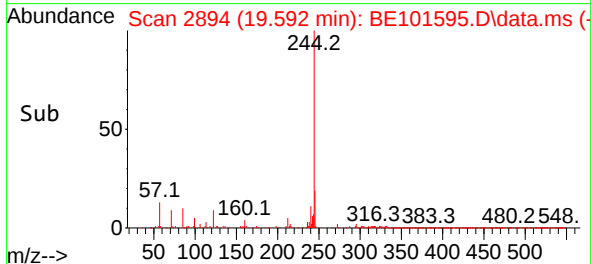
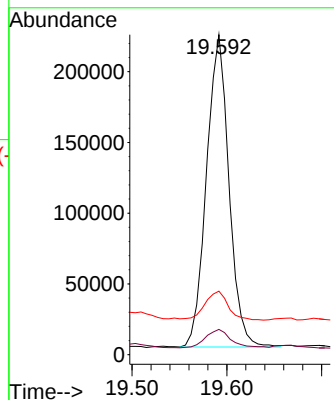
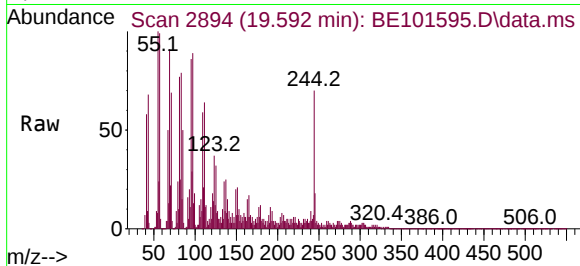




#79
 Terphenyl-d14
 Concen: 25.160 ng
 RT: 19.592 min Scan# 21
 Delta R.T. 0.089 min
 Lab File: BE101595.D
 Acq: 13 Nov 2024 14:56

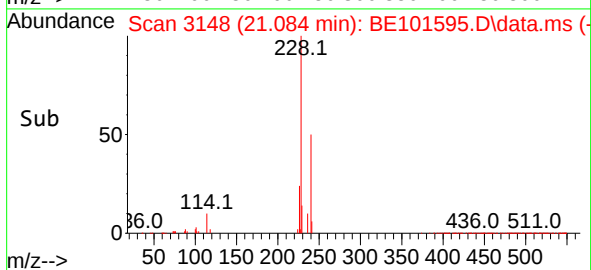
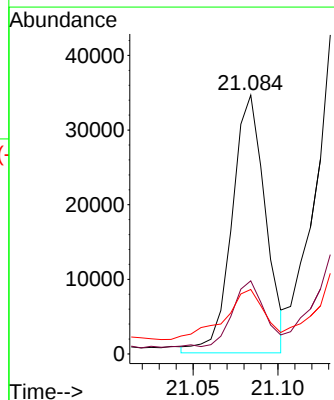
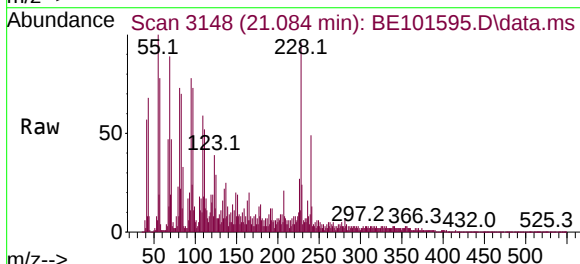
Instrument :
 BNA_E
 ClientSampleId :
 RB24008

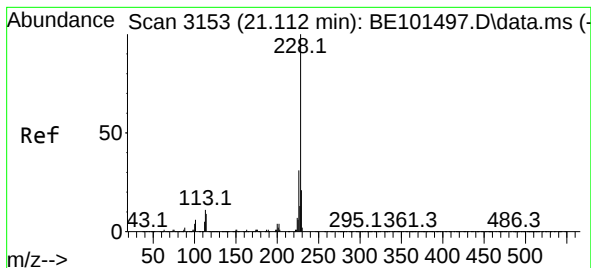
Tgt Ion:244 Resp: 363266
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 19.8 8.4 12.6#



#81
 Benzo(a)anthracene
 Concen: 2.494 ng m
 RT: 21.084 min Scan# 3148
 Delta R.T. 0.031 min
 Lab File: BE101595.D
 Acq: 13 Nov 2024 14:56

Tgt Ion:228 Resp: 47348
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.4 33.6
 229 24.9 16.1 24.1#





#83

Chrysene

Concen: 4.009 ng

RT: 21.137 min Scan# 3153

Delta R.T. 0.025 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Instrument :

BNA_E

ClientSampleId :

RB24008

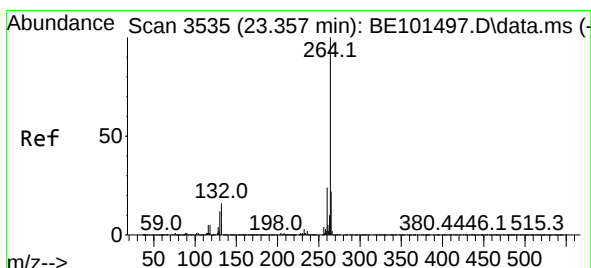
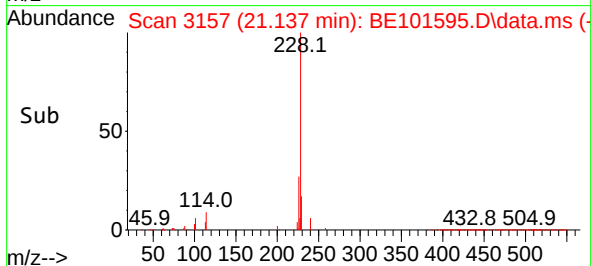
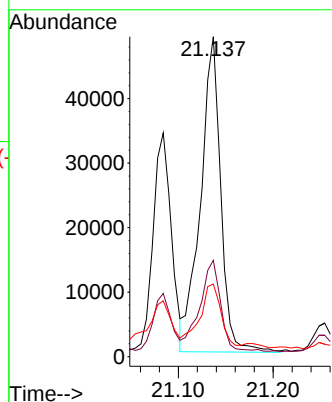
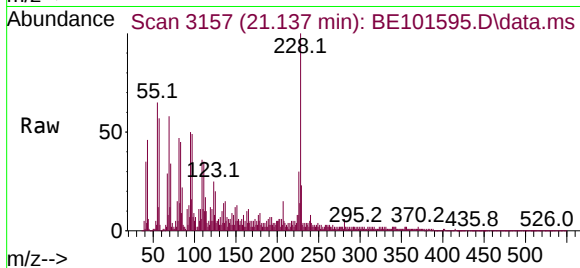
Tgt Ion:228 Resp: 72334

Ion Ratio Lower Upper

228 100

226 30.1 25.1 37.7

229 22.7 16.4 24.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.346 min Scan# 3533

Delta R.T. -0.011 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

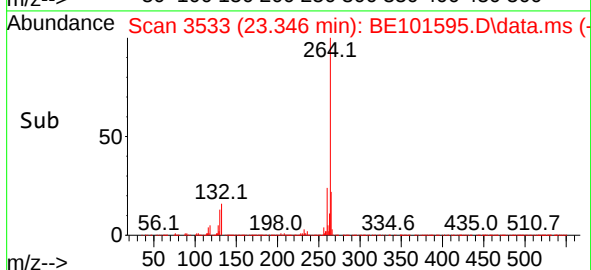
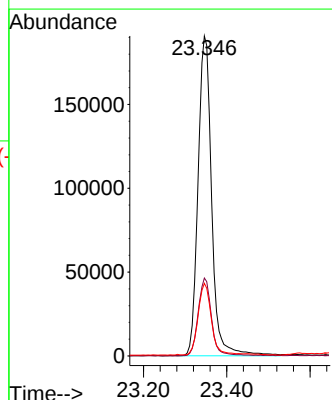
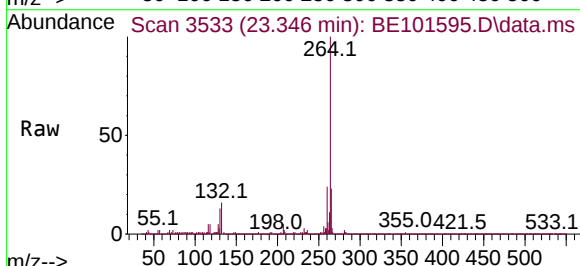
Tgt Ion:264 Resp: 432778

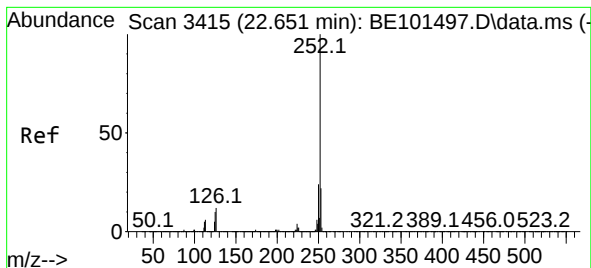
Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 22.7 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.979 ng m

RT: 22.641 min Scan# 3415

Delta R.T. -0.011 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Instrument :

BNA_E

ClientSampleId :

RB24008

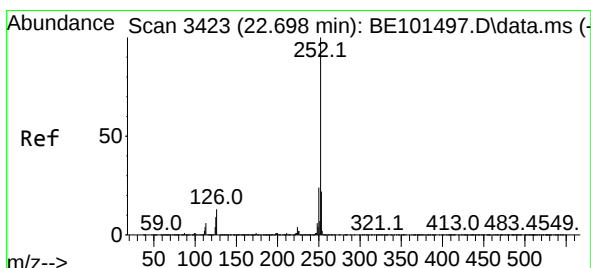
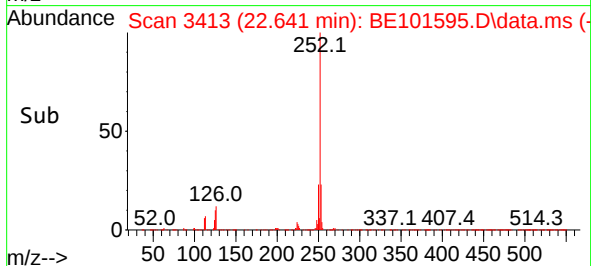
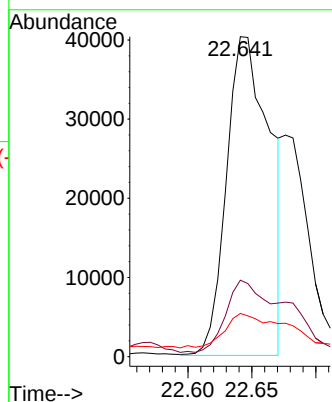
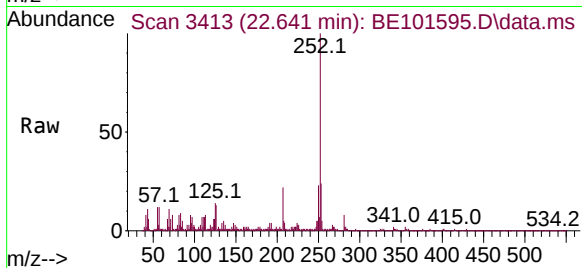
Tgt Ion:252 Resp: 94477

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 13.5 7.8 11.8#



#89

Benzo(k)fluoranthene

Concen: 2.034 ng m

RT: 22.676 min Scan# 3419

Delta R.T. -0.022 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

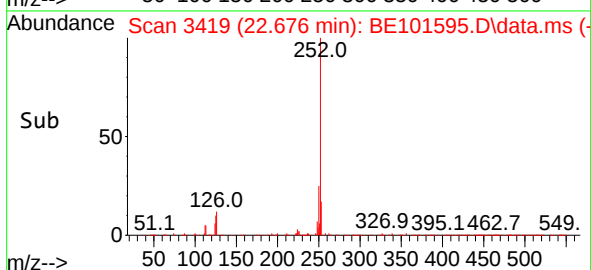
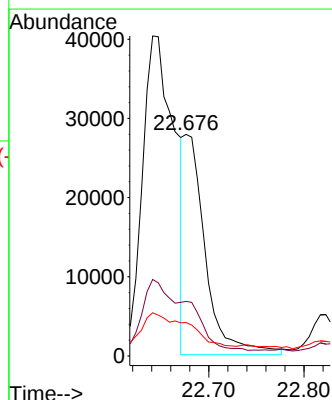
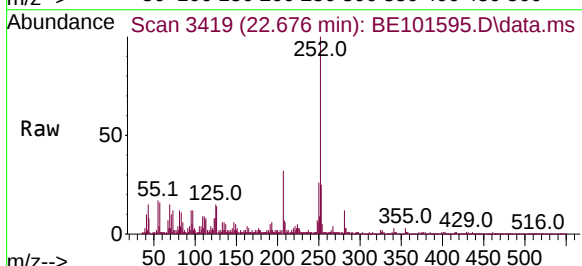
Tgt Ion:252 Resp: 43835

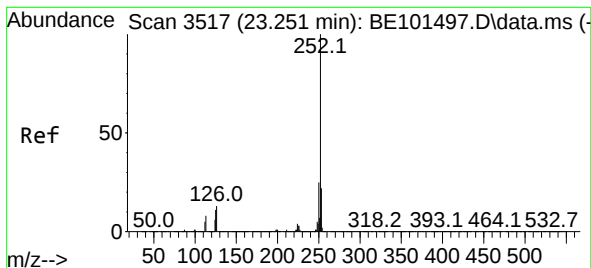
Ion Ratio Lower Upper

252 100

253 24.6 17.9 26.9

125 15.1 7.7 11.5#





#90

Benzo(a)pyrene

Concen: 2.756 ng

RT: 23.234 min Scan# 3

Delta R.T. -0.016 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Instrument :

BNA_E

ClientSampleId :

RB24008

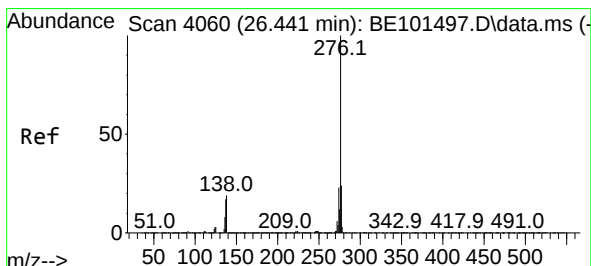
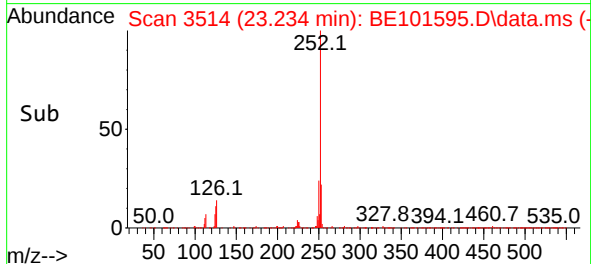
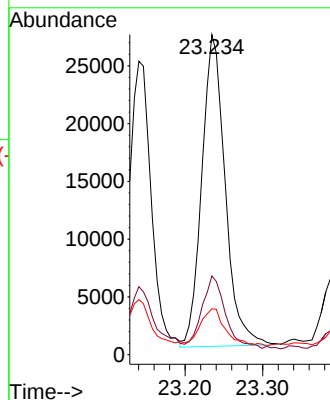
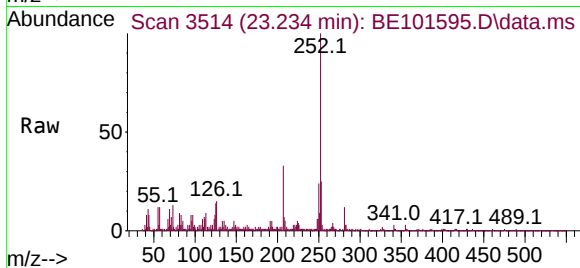
Tgt Ion:252 Resp: 56504

Ion Ratio Lower Upper

252 100

253 24.6 17.6 26.4

125 14.4 8.6 13.0#



#92

Benzo(g,h,i)perylene

Concen: 2.322 ng

RT: 26.390 min Scan# 4051

Delta R.T. -0.052 min

Lab File: BE101595.D

Acq: 13 Nov 2024 14:56

Tgt Ion:276 Resp: 58426

Ion Ratio Lower Upper

276 100

277 24.1 19.5 29.3

138 19.2 15.3 22.9

