

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101584.D
 Acq On : 12 Nov 2024 16:01
 Operator : RC/JU
 Sample : P4796-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-3

Quant Time: Nov 12 16:57:27 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)

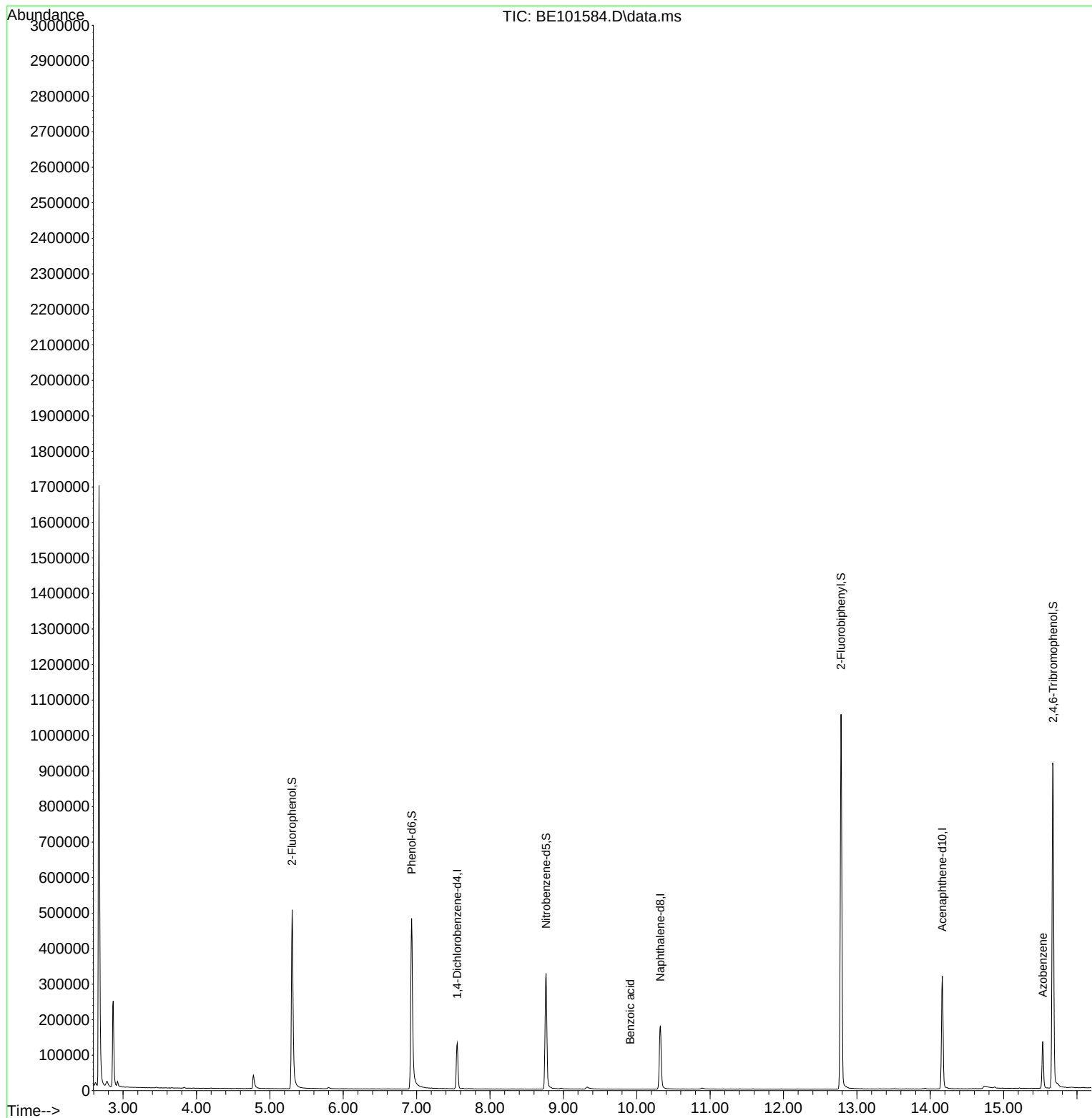
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	36894	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	168022	20.000	ng	0.00
39) Acenaphthene-d10	14.164	164	116991	20.000	ng	0.00
64) Phenanthrene-d10	16.902	188	272109	20.000	ng	0.00
76) Chrysene-d12	21.062	240	309711	20.000	ng	-0.01
86) Perylene-d12	23.342	264	410813	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	259020	124.138	ng	0.00
7) Phenol-d6	6.932	99	343219	119.972	ng	-0.01
23) Nitrobenzene-d5	8.765	82	202798	76.238	ng	0.00
42) 2,4,6-Tribromophenol	15.674	330	244676	111.145	ng	0.00
45) 2-Fluorobiphenyl	12.784	172	569284	79.453	ng	-0.01
79) Terphenyl-d14	19.493	244	1258841	89.972	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.911	122	9	6.839	ng	# 47
63) Azobenzene	15.533	77	38549	5.379	ng	# 1
75) Fluoranthene	18.947	202	34148	2.012	ng	98
88) Benzo(b)fluoranthene	22.637	252	49674	2.204	ng	# 98
89) Benzo(k)fluoranthene	22.637	252	49674	2.428	ng	# 98

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

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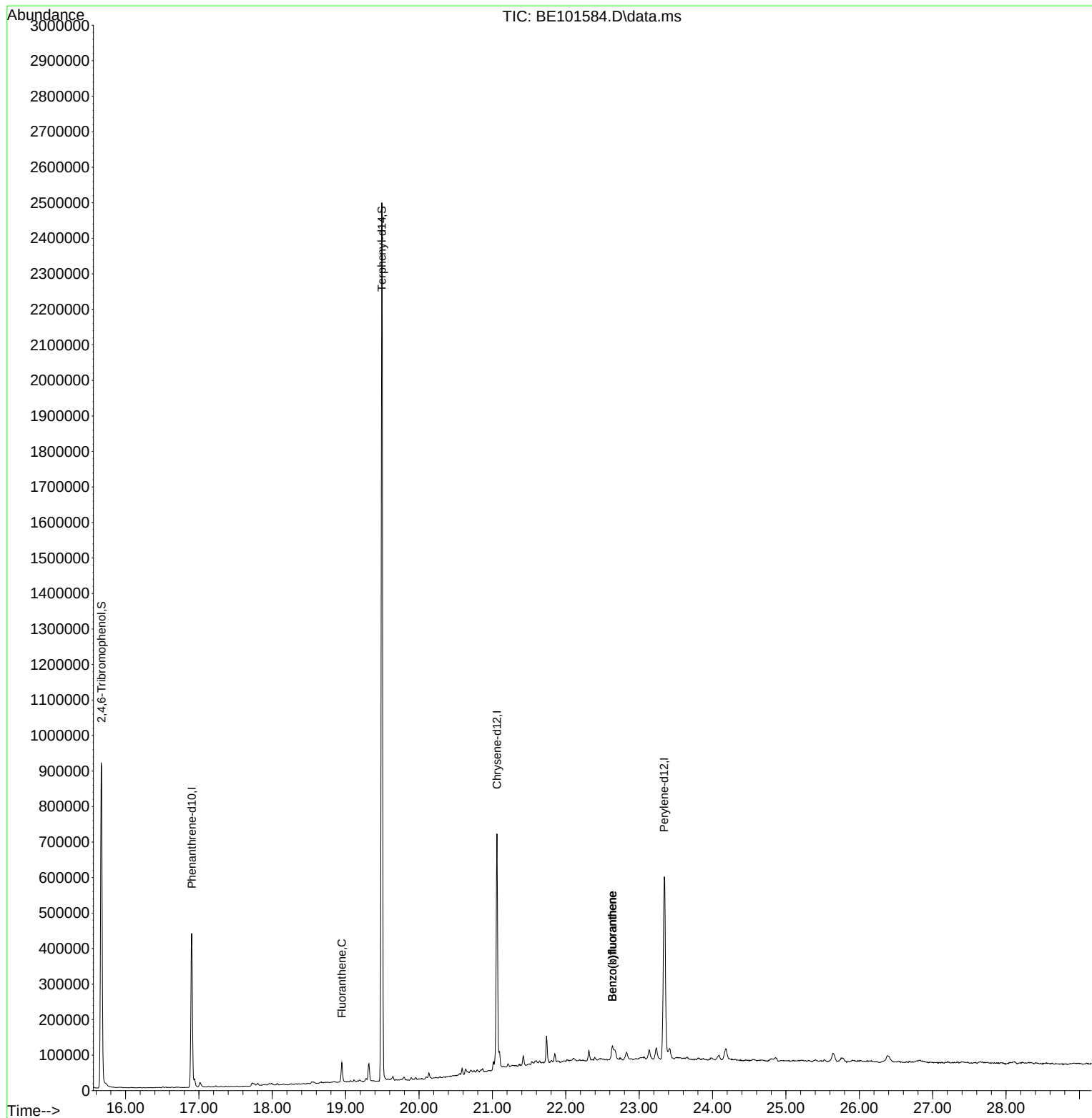
Quant Time: Nov 12 16:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

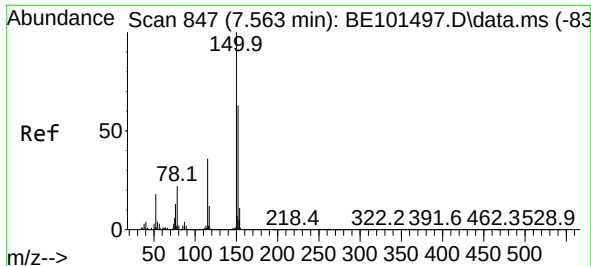


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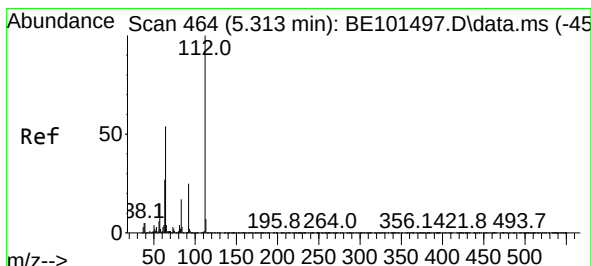
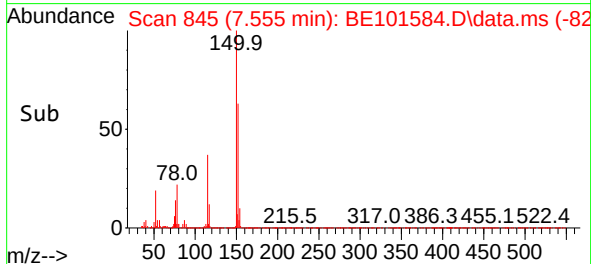
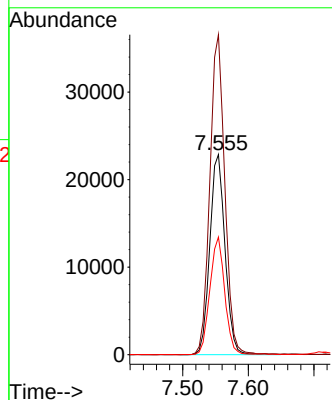
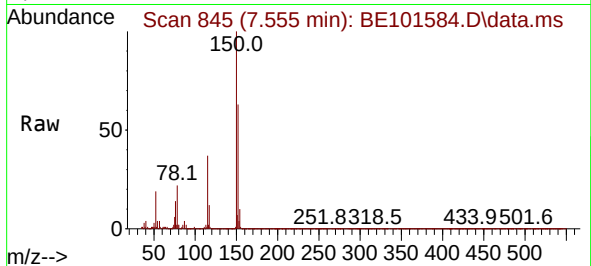




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

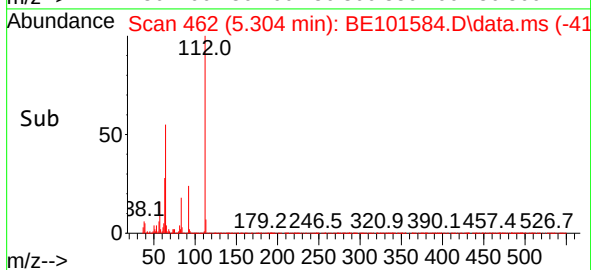
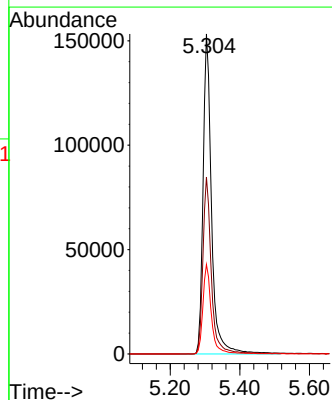
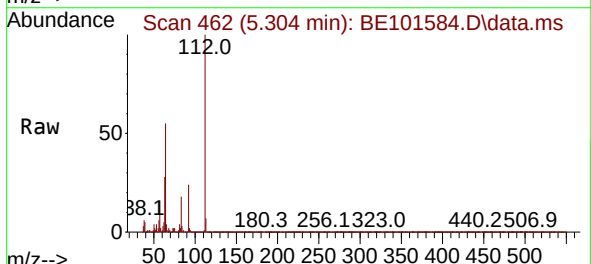
Instrument :
BNA_E
ClientSampleId :
TP-3

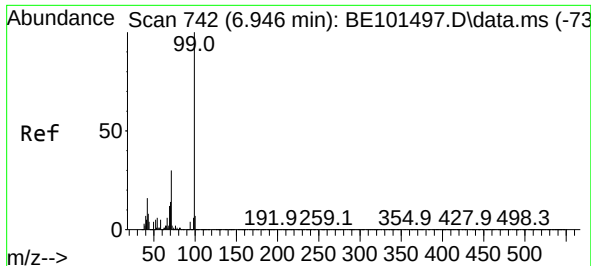
Tgt Ion:152 Resp: 36894
Ion Ratio Lower Upper
152 100
150 159.8 126.3 189.5
115 58.8 45.0 67.4



#5
2-Fluorophenol
Concen: 124.138 ng
RT: 5.304 min Scan# 462
Delta R.T. -0.009 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

Tgt Ion:112 Resp: 259020
Ion Ratio Lower Upper
112 100
64 55.3 43.2 64.8
63 28.0 21.8 32.6

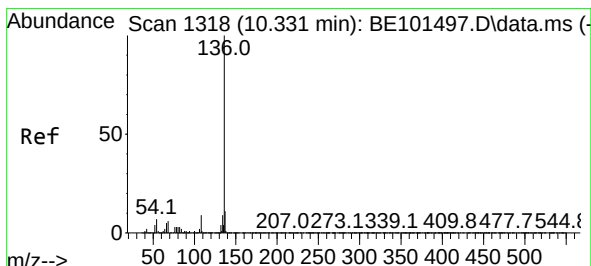
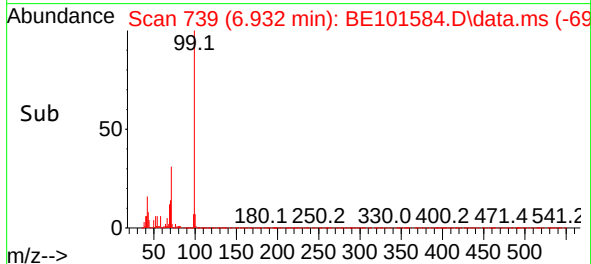
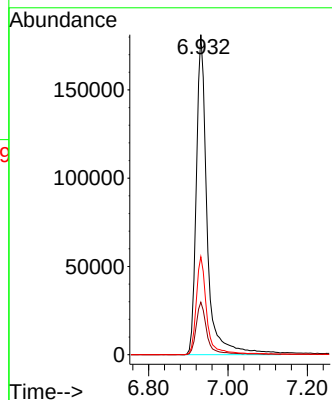
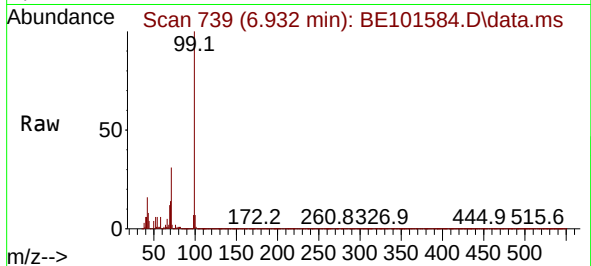




#7
Phenol-d6
Concen: 119.972 ng
RT: 6.932 min Scan# 71
Delta R.T. -0.015 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

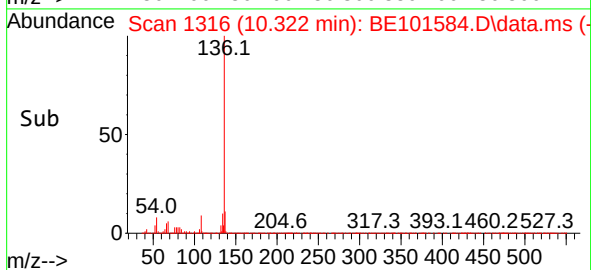
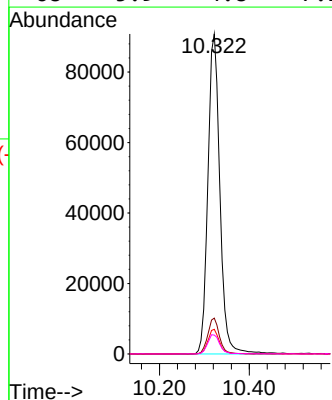
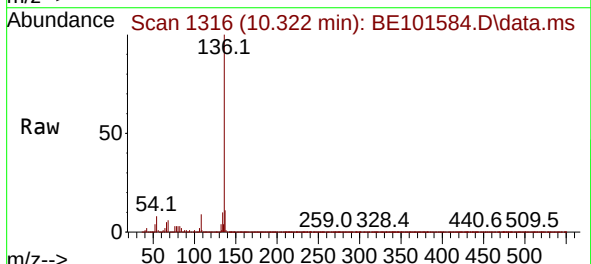
Instrument :
BNA_E
ClientSampleId :
TP-3

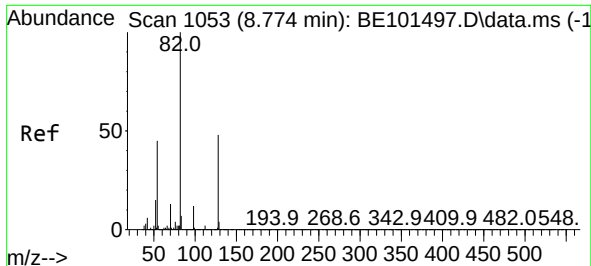
Tgt Ion: 99 Resp: 343219
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 30.6 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 1316
Delta R.T. -0.009 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 136 Resp: 168022
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.7 5.6 8.4
68 5.9 4.8 7.2

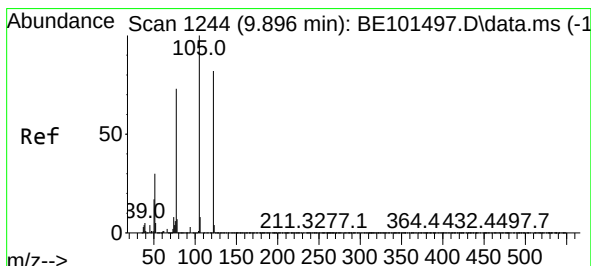
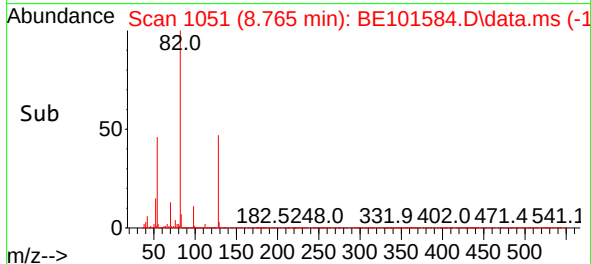
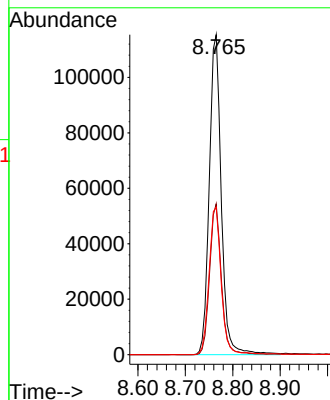
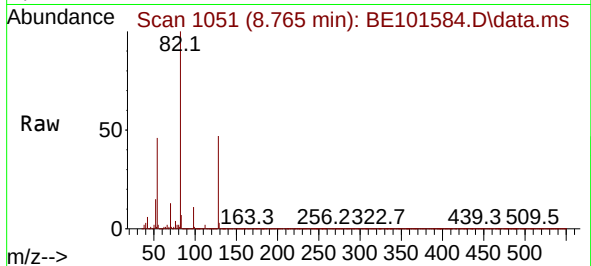




#23
Nitrobenzene-d5
Concen: 76.238 ng
RT: 8.765 min Scan# 1053
Delta R.T. -0.009 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

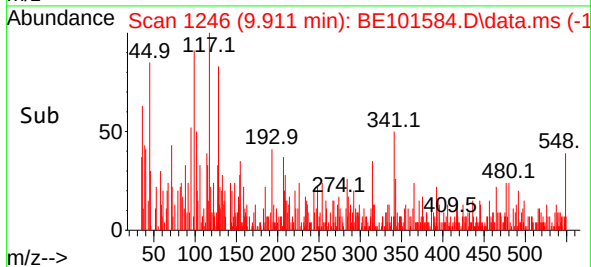
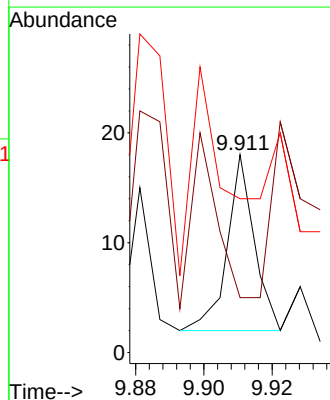
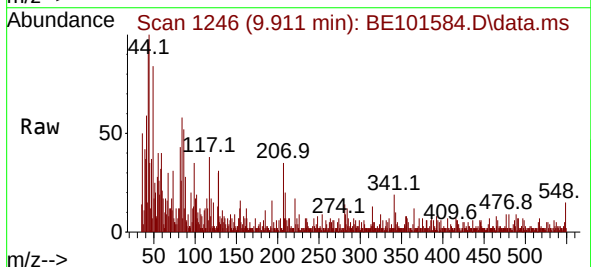
Instrument :
BNA_E
ClientSampleId :
TP-3

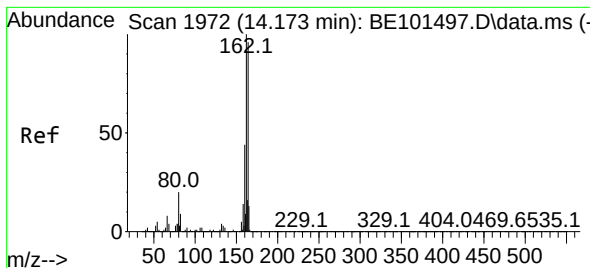
Tgt Ion: 82 Resp: 202798
Ion Ratio Lower Upper
82 100
128 47.1 38.6 58.0
54 46.1 36.3 54.5



#32
Benzoic acid
Concen: 6.839 ng
RT: 9.911 min Scan# 1246
Delta R.T. 0.015 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

Tgt Ion: 122 Resp: 9
Ion Ratio Lower Upper
122 100
105 27.8 100.6 140.6
77 77.8 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.164 min Scan# 1972

Delta R.T. -0.009 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

Instrument :

BNA_E

ClientSampleId :

TP-3

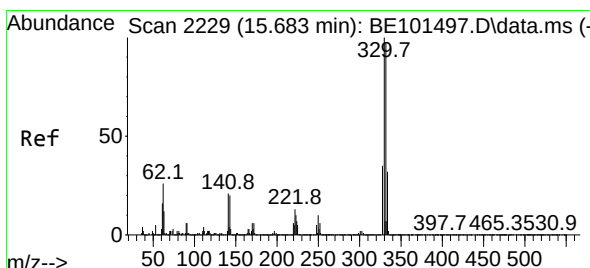
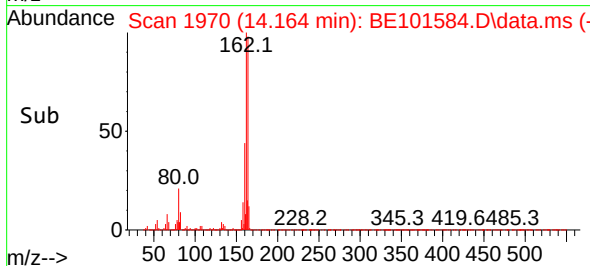
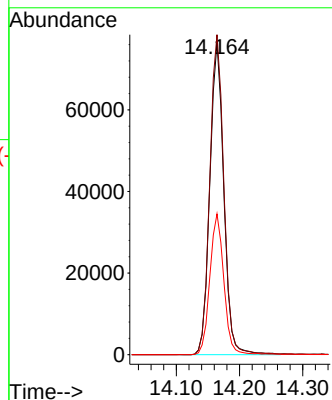
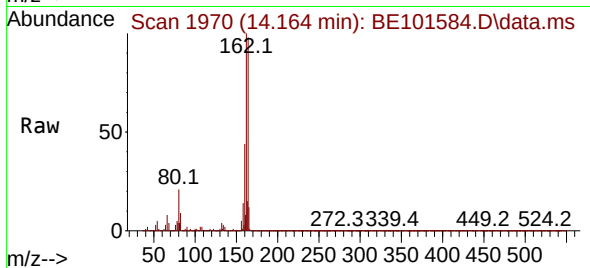
Tgt Ion:164 Resp: 116991

Ion Ratio Lower Upper

164 100

162 102.5 83.7 125.5

160 45.1 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 111.145 ng

RT: 15.674 min Scan# 2227

Delta R.T. -0.009 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

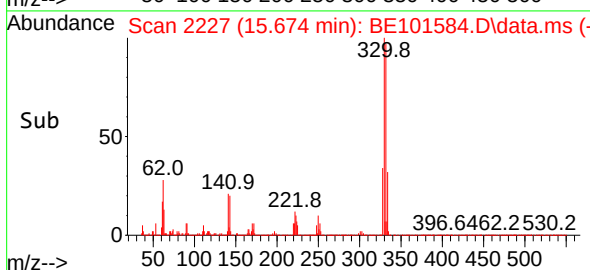
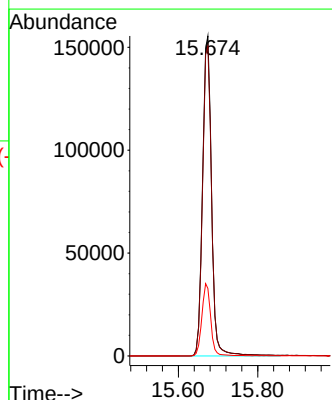
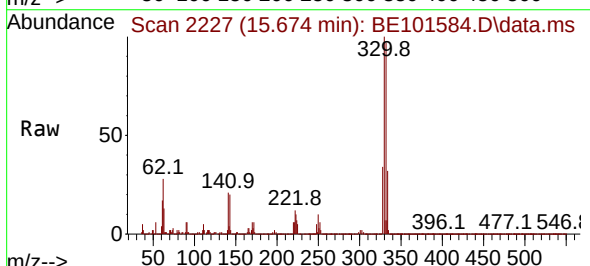
Tgt Ion:330 Resp: 244676

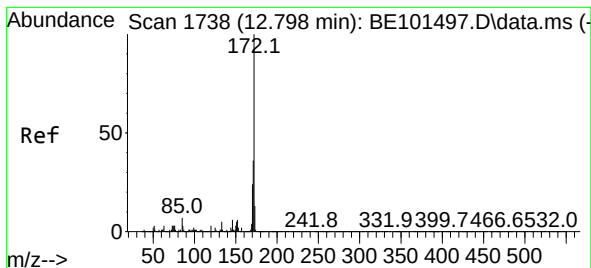
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 22.2 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 79.453 ng

RT: 12.784 min Scan# 1

Delta R.T. -0.015 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

Instrument :

BNA_E

ClientSampleId :

TP-3

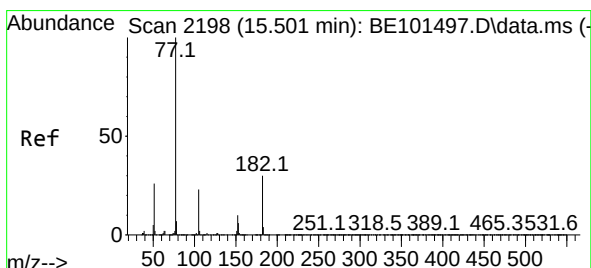
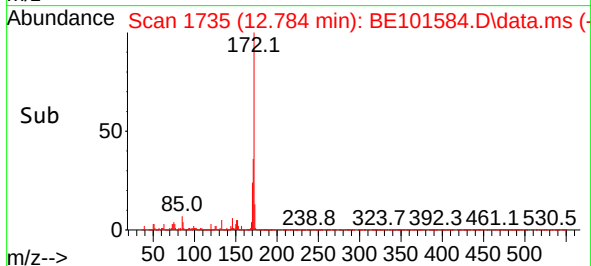
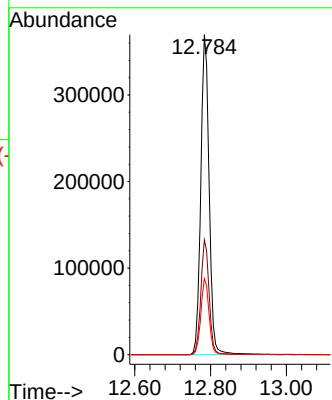
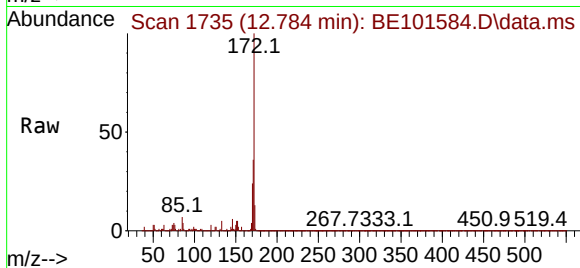
Tgt Ion:172 Resp: 569284

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.8 18.9 28.3



#63

Azobenzene

Concen: 5.379 ng

RT: 15.533 min Scan# 2203

Delta R.T. 0.032 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

Tgt Ion: 77 Resp: 38549

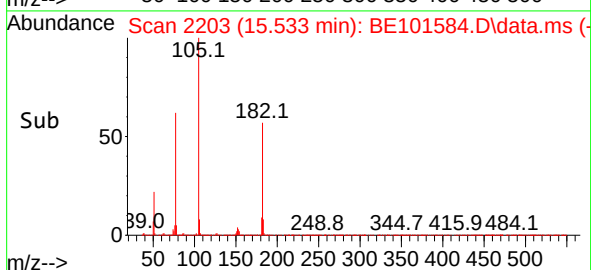
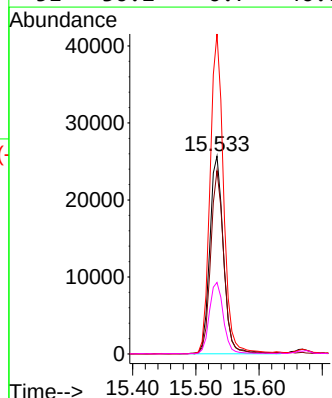
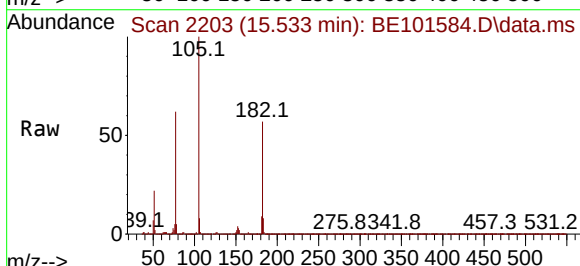
Ion Ratio Lower Upper

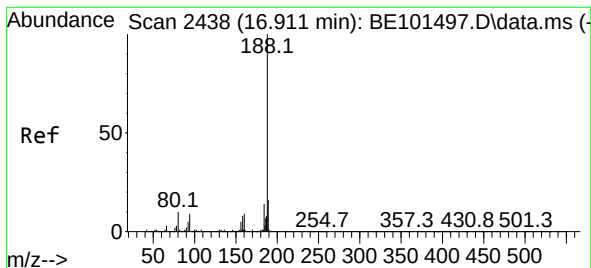
77 100

182 92.7 9.1 49.1#

105 161.8 3.2 43.2#

51 36.2 6.7 46.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.902 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

Instrument :

BNA_E

ClientSampleId :

TP-3

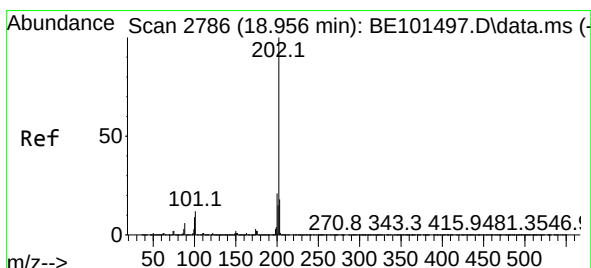
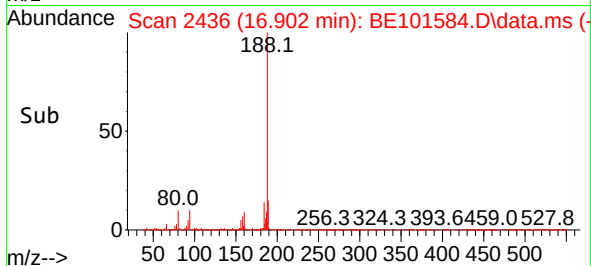
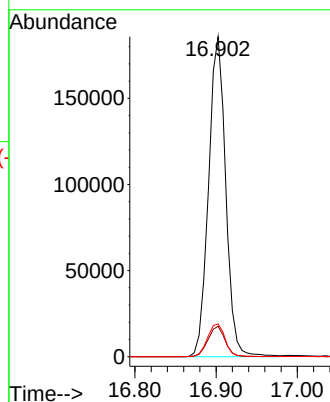
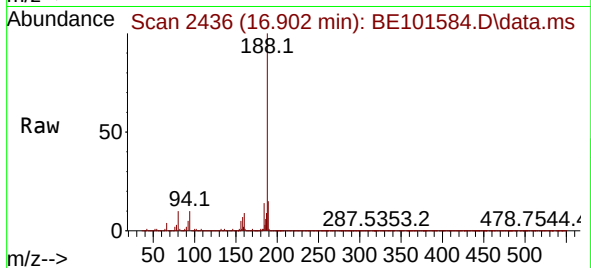
Tgt Ion:188 Resp: 272109

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 10.2 8.0 12.0



#75

Fluoranthene

Concen: 2.012 ng

RT: 18.947 min Scan# 2784

Delta R.T. -0.009 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

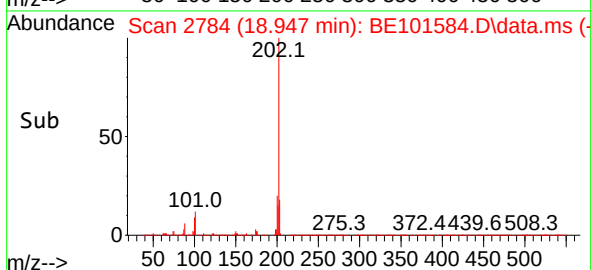
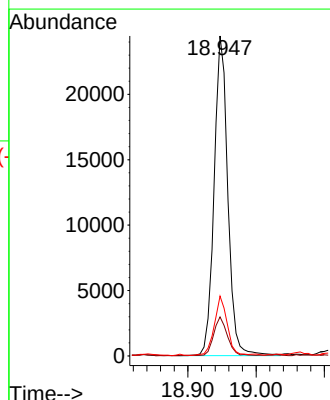
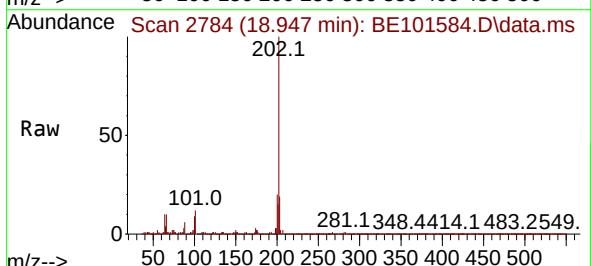
Tgt Ion:202 Resp: 34148

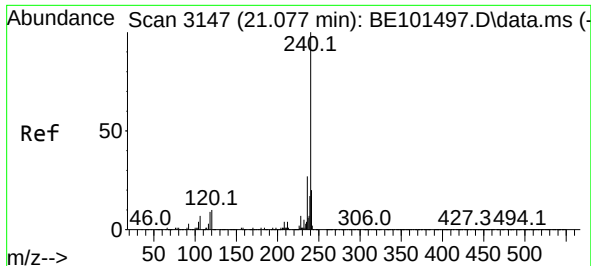
Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.7

203 18.7 0.0 37.8

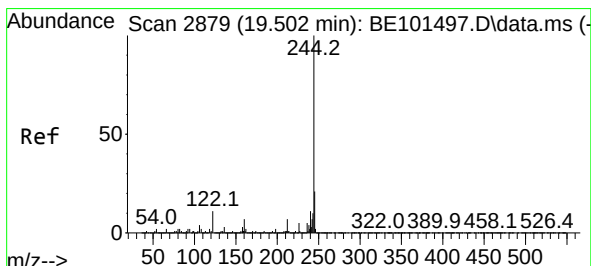
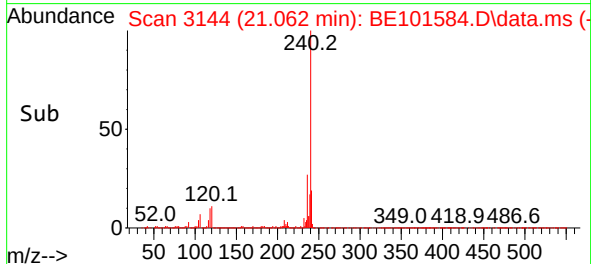
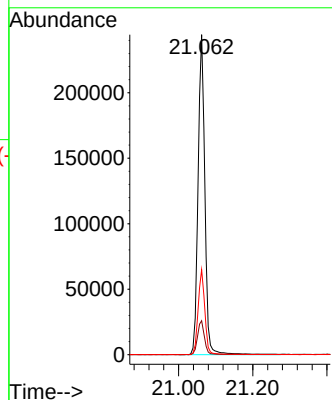
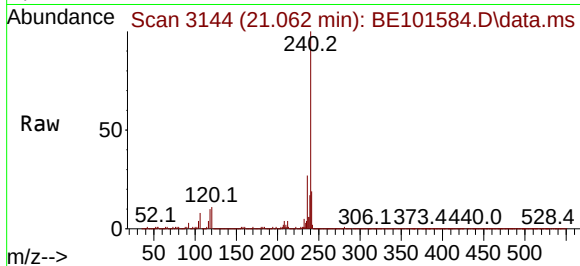




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.062 min Scan# 3147
Delta R.T. -0.015 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

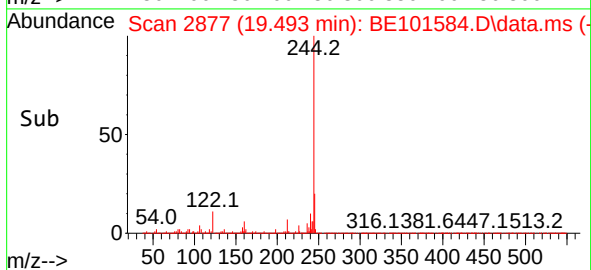
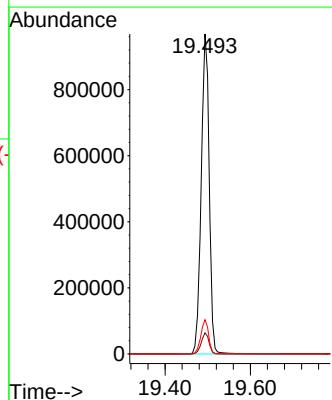
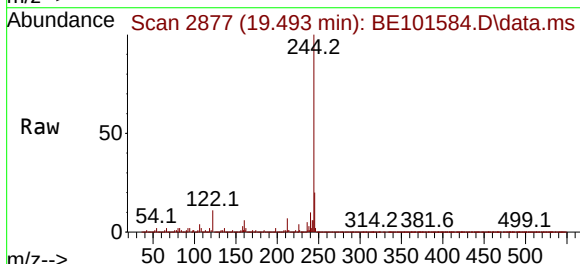
Instrument :
BNA_E
ClientSampleId :
TP-3

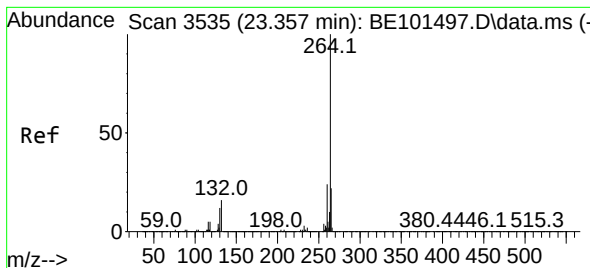
Tgt Ion:240 Resp: 309711
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.4
236 26.6 21.4 32.2



#79
Terphenyl-d14
Concen: 89.972 ng
RT: 19.493 min Scan# 2877
Delta R.T. -0.009 min
Lab File: BE101584.D
Acq: 12 Nov 2024 16:01

Tgt Ion:244 Resp: 1258841
Ion Ratio Lower Upper
244 100
212 6.6 5.8 8.8
122 10.7 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.342 min Scan# 3

Delta R.T. -0.015 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

Instrument :

BNA_E

ClientSampleId :

TP-3

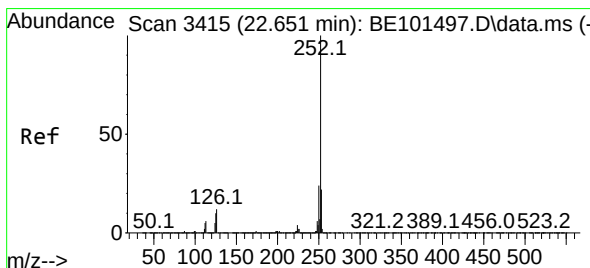
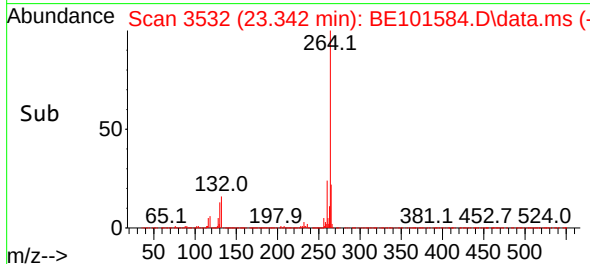
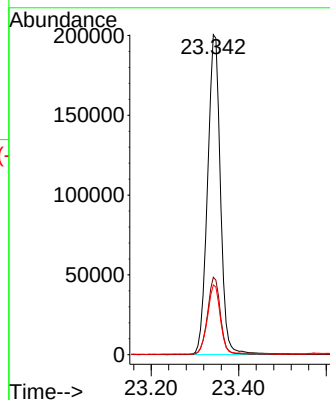
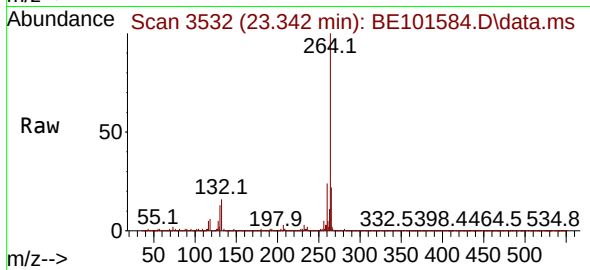
Tgt Ion:264 Resp: 410813

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.8 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 2.204 ng

RT: 22.637 min Scan# 3412

Delta R.T. -0.015 min

Lab File: BE101584.D

Acq: 12 Nov 2024 16:01

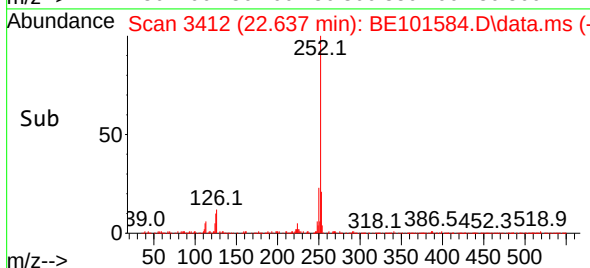
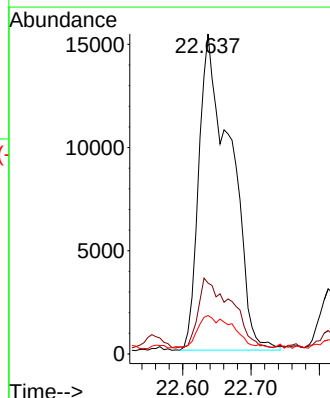
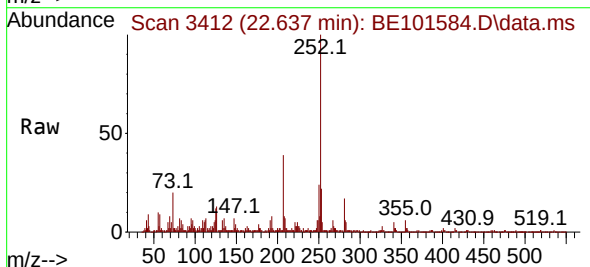
Tgt Ion:252 Resp: 49674

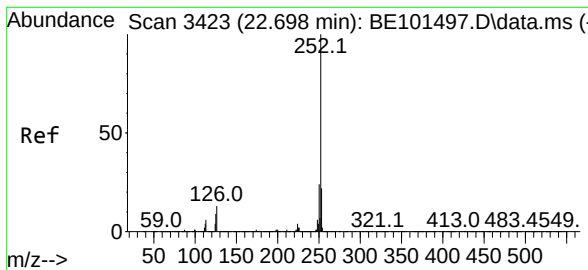
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 12.0 7.8 11.8#





#89

Benzo(k)fluoranthene

Concen: 2.428 ng

RT: 22.637 min Scan# 34

Delta R.T. -0.062 min

Lab File: BE101584.D

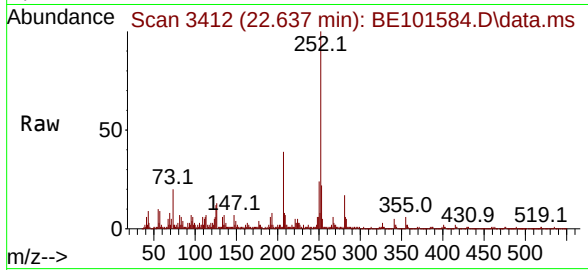
Acq: 12 Nov 2024 16:01

Instrument :

BNA_E

ClientSampleId :

TP-3



Tgt Ion:252 Resp: 49674

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 12.0 7.7 11.5#

