

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101586.D
 Acq On : 12 Nov 2024 21:38
 Operator : RC/JU
 Sample : P4796-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-1

Quant Time: Nov 13 00:18:02 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)

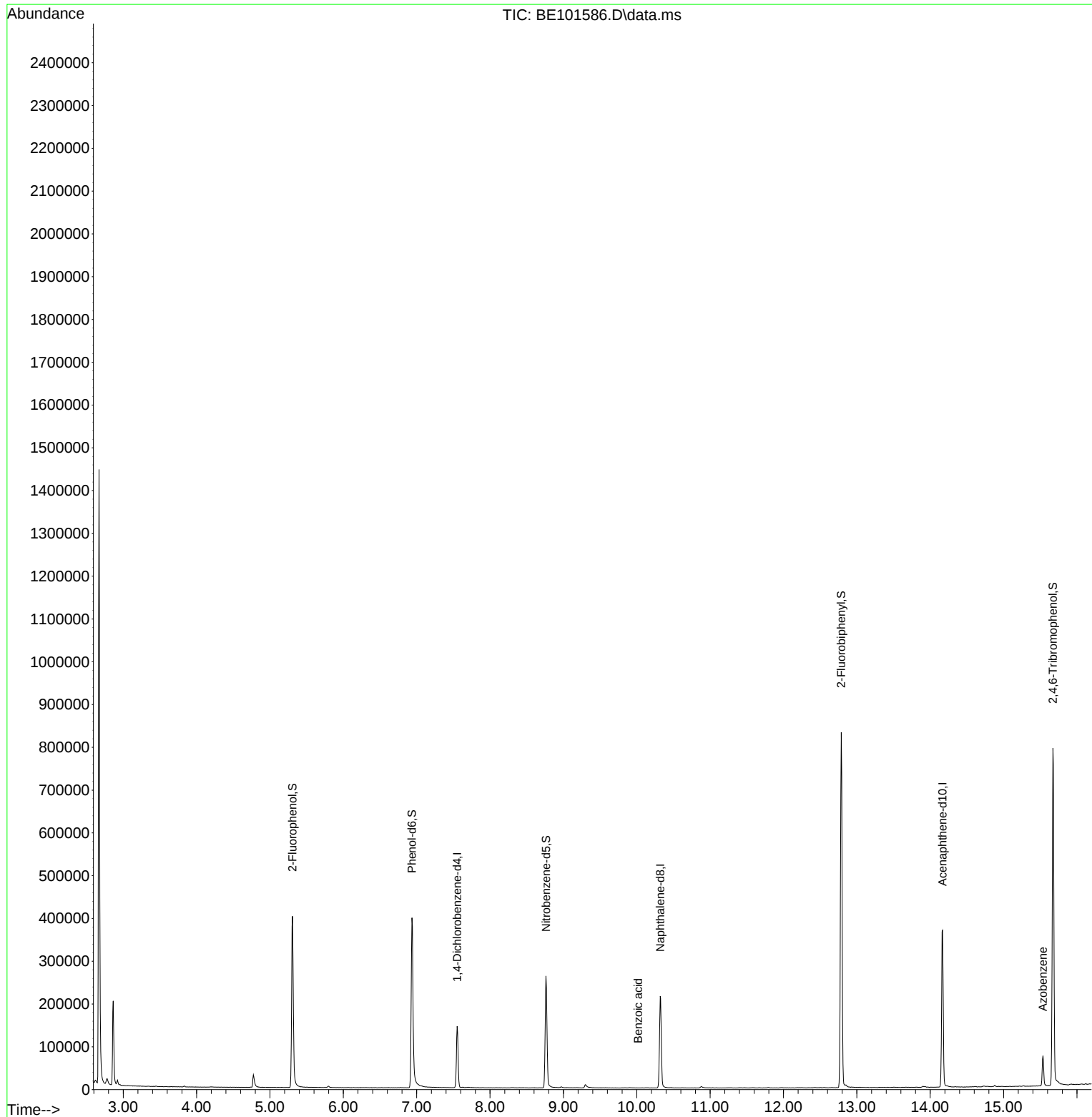
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	40804	20.000	ng	-0.01
21) Naphthalene-d8	10.320	136	190335	20.000	ng	-0.01
39) Acenaphthene-d10	14.168	164	135860	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	314390	20.000	ng	0.00
76) Chrysene-d12	21.066	240	332915	20.000	ng	-0.01
86) Perylene-d12	23.351	264	428699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	203464	88.168	ng	0.00
7) Phenol-d6	6.935	99	276253	87.311	ng	-0.01
23) Nitrobenzene-d5	8.763	82	159389	52.895	ng	-0.01
42) 2,4,6-Tribromophenol	15.672	330	203415	79.569	ng	-0.01
45) 2-Fluorobiphenyl	12.787	172	460972	55.401	ng	-0.01
79) Terphenyl-d14	19.497	244	1001687	66.602	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.020	122	21	6.844	ng	88
63) Azobenzene	15.537	77	19665	2.363	ng	# 1
75) Fluoranthene	18.951	202	40812	2.082	ng	99
78) Pyrene	19.321	202	40859	2.157	ng	99
88) Benzo(b)fluoranthene	22.640	252	83533	3.552	ng	# 94
89) Benzo(k)fluoranthene	22.640	252	83533	3.912	ng	# 94

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

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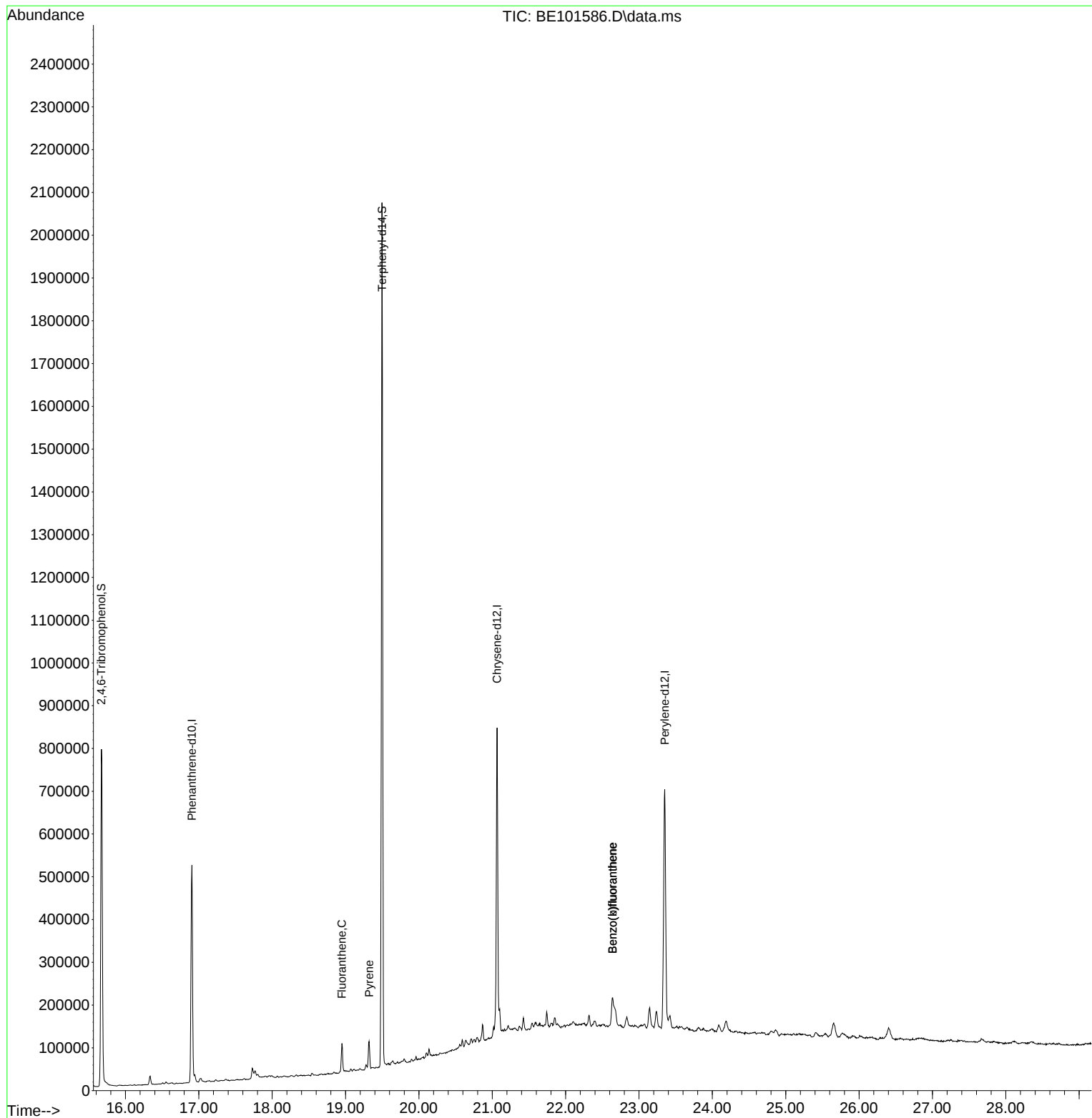
Quant Time: Nov 13 00:18:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
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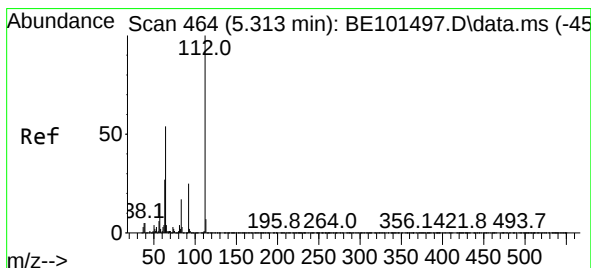
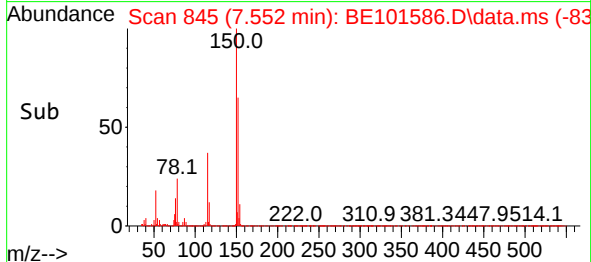
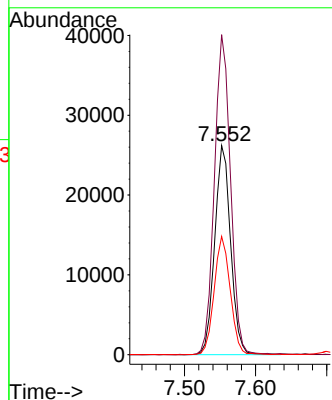
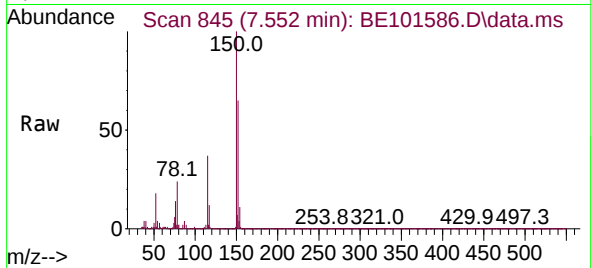




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.552 min Scan# 84
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

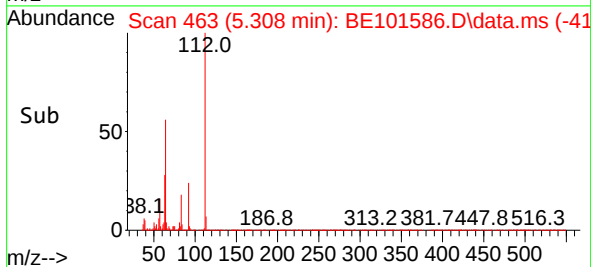
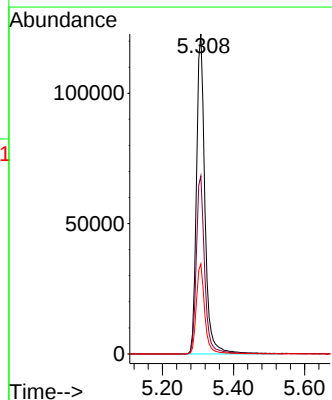
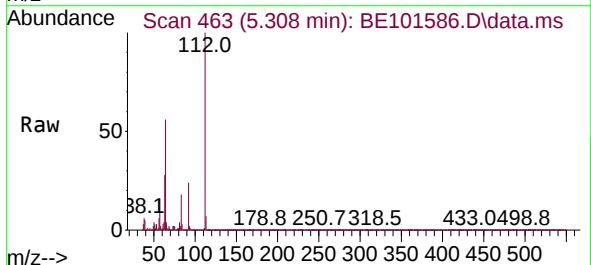
Instrument :
BNA_E
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 40804
Ion Ratio Lower Upper
152 100
150 153.0 126.3 189.5
115 56.6 45.0 67.4



#5
2-Fluorophenol
Concen: 88.168 ng
RT: 5.308 min Scan# 463
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion:112 Resp: 203464
Ion Ratio Lower Upper
112 100
64 55.6 43.2 64.8
63 28.1 21.8 32.6

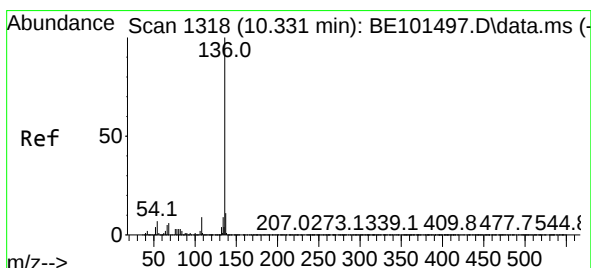
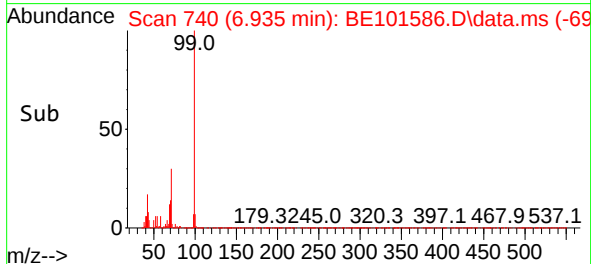
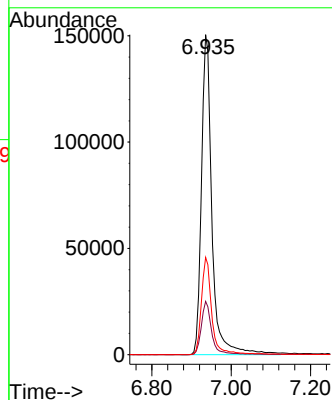
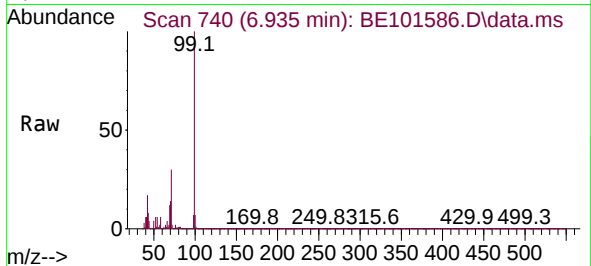




#7
Phenol-d6
Concen: 87.311 ng
RT: 6.935 min Scan# 742
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

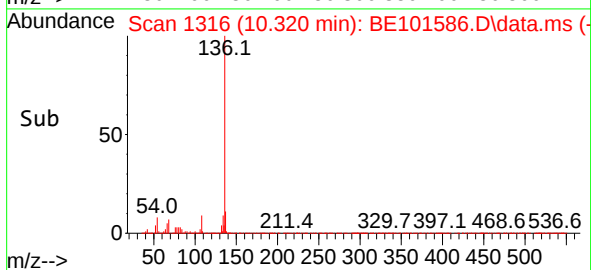
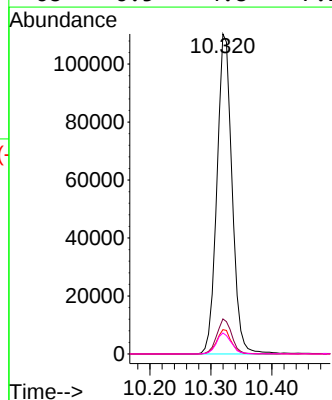
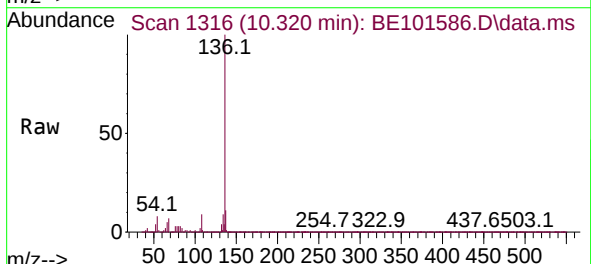
Instrument :
BNA_E
ClientSampleId :
TP-1

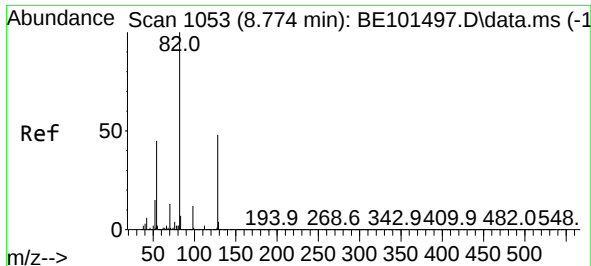
Tgt Ion: 99 Resp: 276253
Ion Ratio Lower Upper
99 100
42 16.6 12.5 18.7
71 30.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 136 Resp: 190335
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.6 5.6 8.4
68 6.5 4.8 7.2

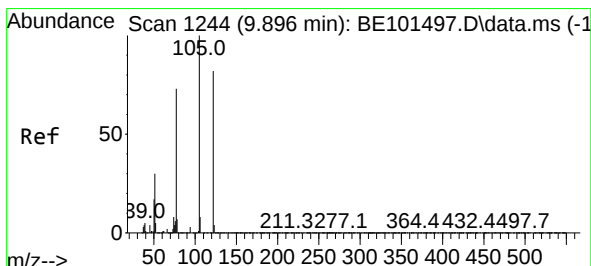
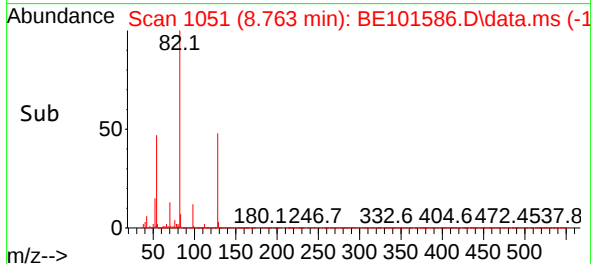
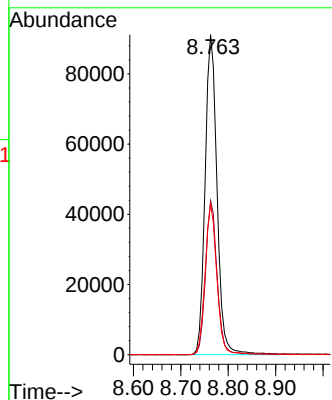
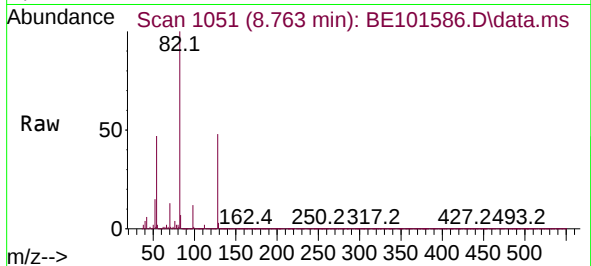




#23
Nitrobenzene-d5
Concen: 52.895 ng
RT: 8.763 min Scan# 1051
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

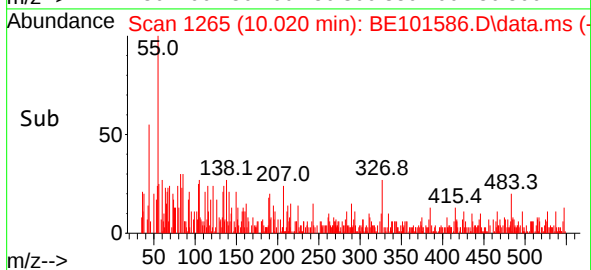
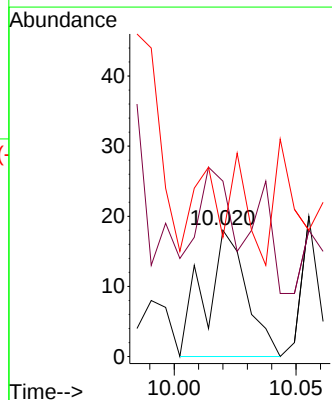
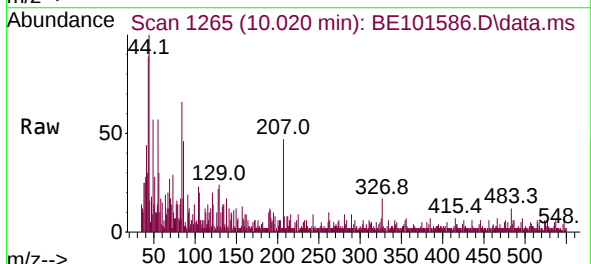
Instrument :
BNA_E
ClientSampleId :
TP-1

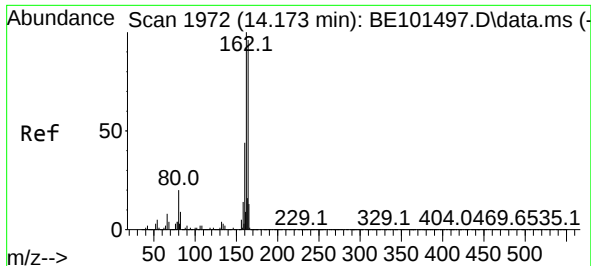
Tgt Ion: 82 Resp: 159389
Ion Ratio Lower Upper
82 100
128 48.1 38.6 58.0
54 47.1 36.3 54.5



#32
Benzoic acid
Concen: 6.844 ng
RT: 10.020 min Scan# 1265
Delta R.T. 0.124 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 122 Resp: 21
Ion Ratio Lower Upper
122 100
105 138.9 100.6 140.6
77 94.4 68.6 108.6

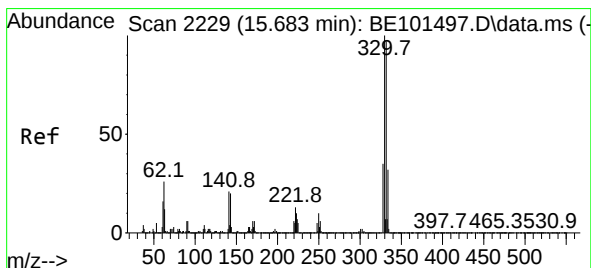
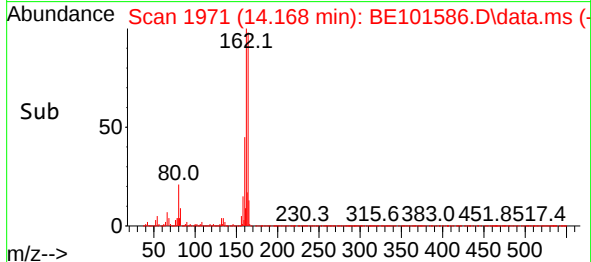
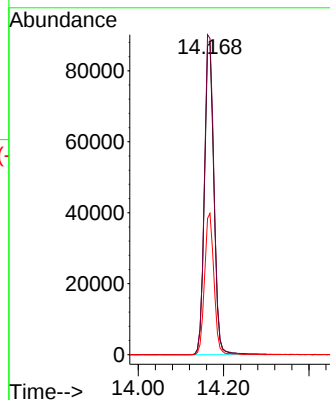
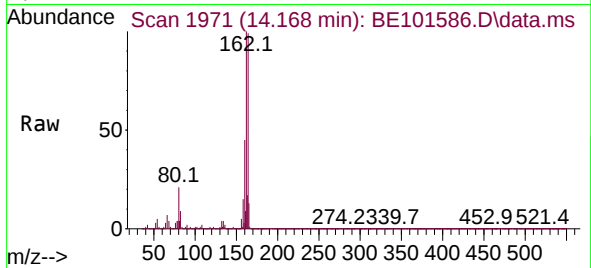




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

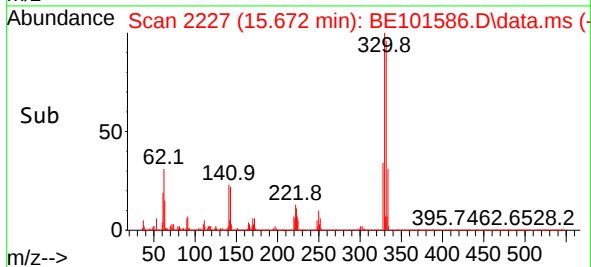
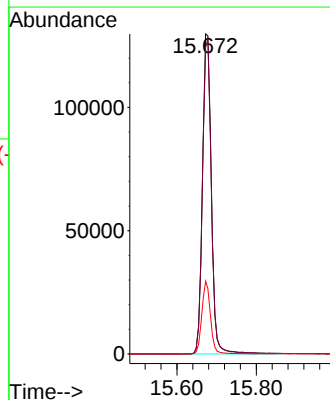
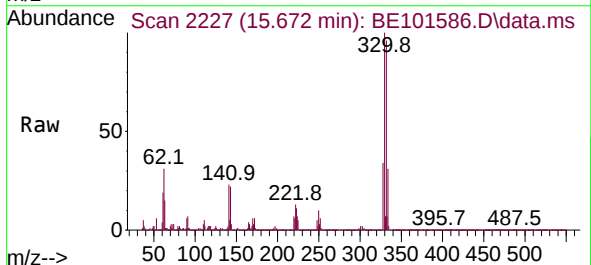
Instrument :
BNA_E
ClientSampleId :
TP-1

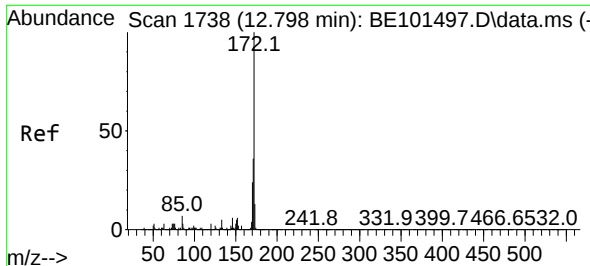
Tgt Ion:164 Resp: 135860
Ion Ratio Lower Upper
164 100
162 101.5 83.7 125.5
160 45.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 79.569 ng
RT: 15.672 min Scan# 2227
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion:330 Resp: 203415
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 21.8 17.0 25.4

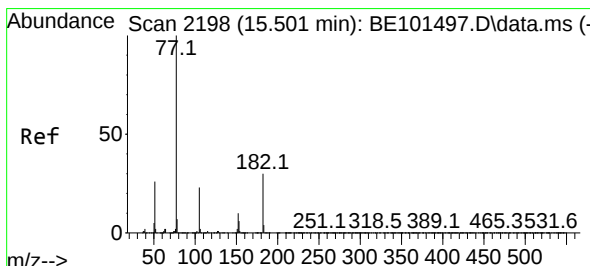
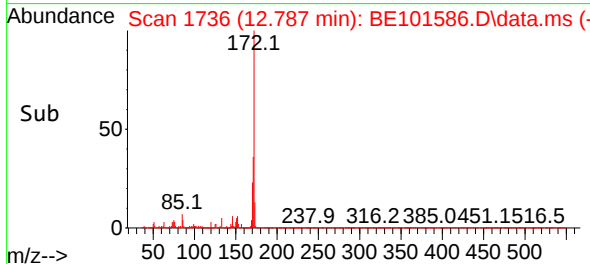
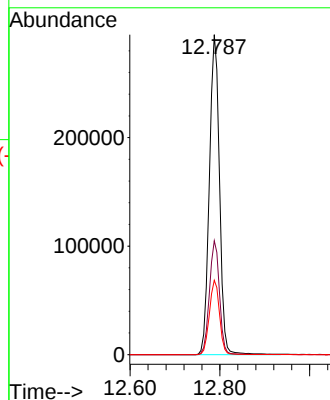
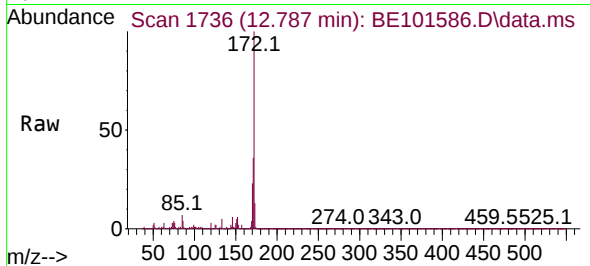




#45
2-Fluorobiphenyl
Concen: 55.401 ng
RT: 12.787 min Scan# 11
Delta R.T. -0.011 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

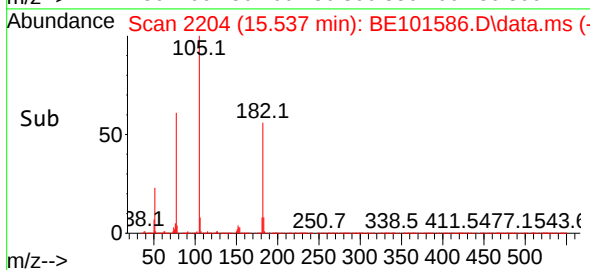
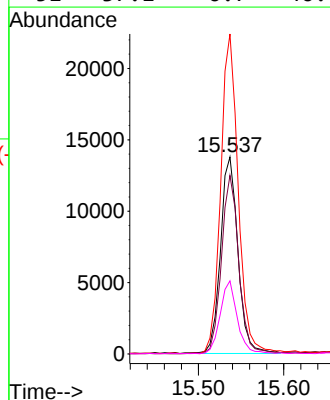
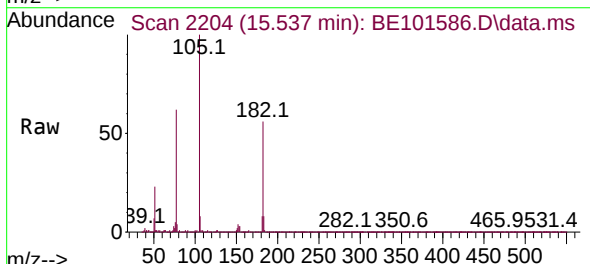
Instrument :
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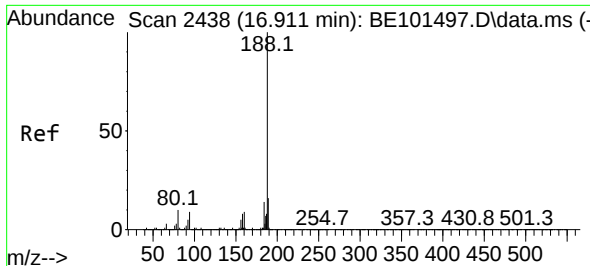
Tgt Ion:172 Resp: 460972
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.2 18.9 28.3



#63
Azobenzene
Concen: 2.363 ng
RT: 15.537 min Scan# 2204
Delta R.T. 0.036 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 77 Resp: 19665
Ion Ratio Lower Upper
77 100
182 90.7 9.1 49.1#
105 162.5 3.2 43.2#
51 37.1 6.7 46.7

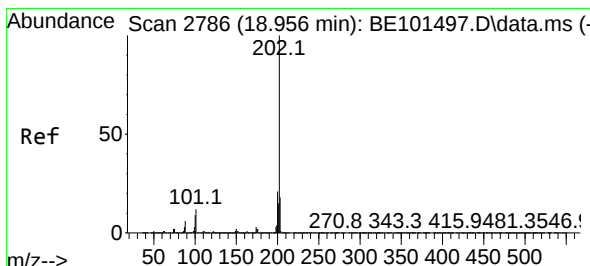
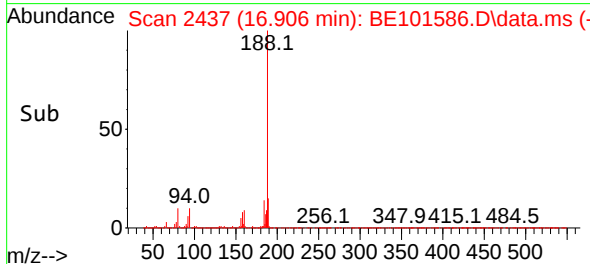
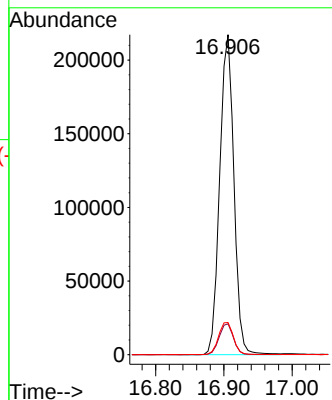
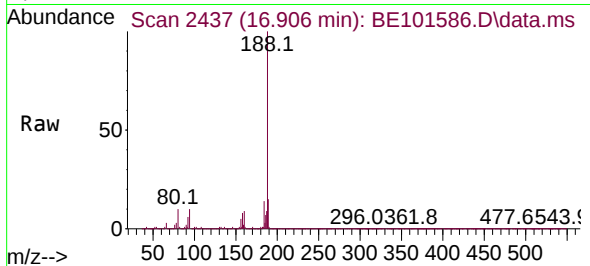




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

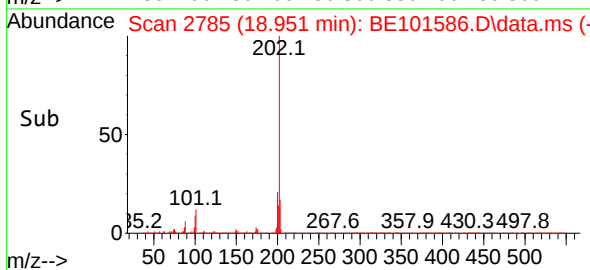
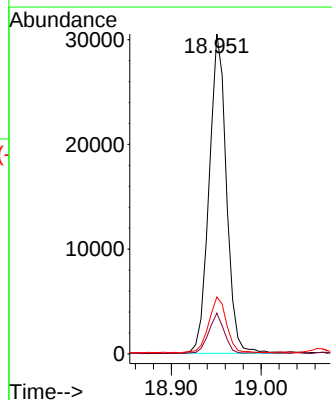
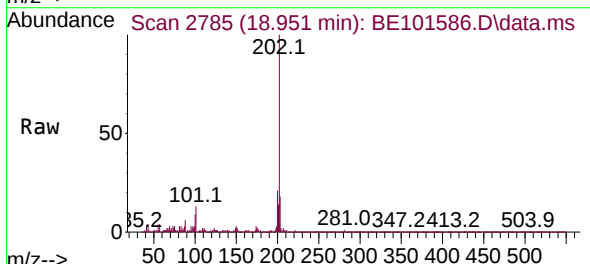
Instrument :
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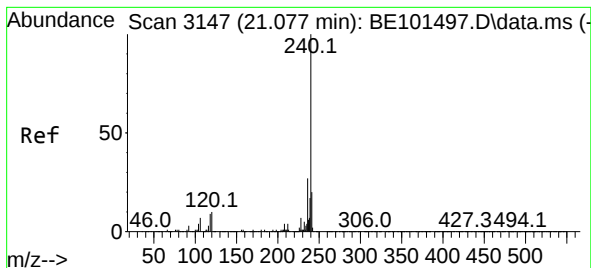
Tgt Ion:188 Resp: 314390
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.0 8.0 12.0



#75
Fluoranthene
Concen: 2.082 ng
RT: 18.951 min Scan# 2785
Delta R.T. -0.005 min
Lab File: BE101586.D
Acq: 12 Nov 2024 21:38

Tgt Ion:202 Resp: 40812
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.7
203 17.8 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

TP-1

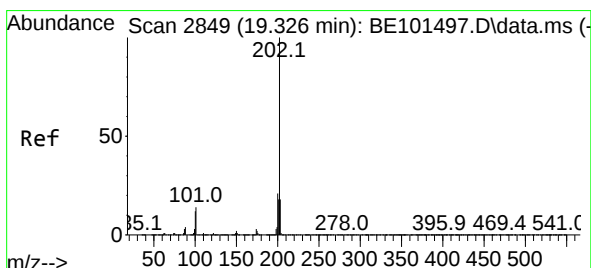
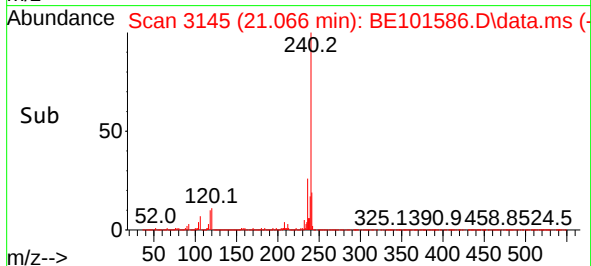
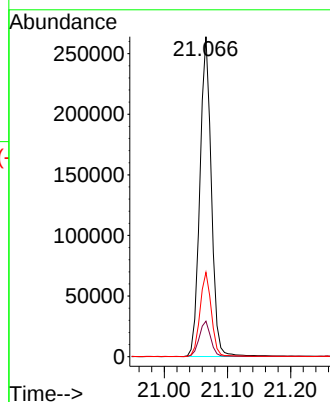
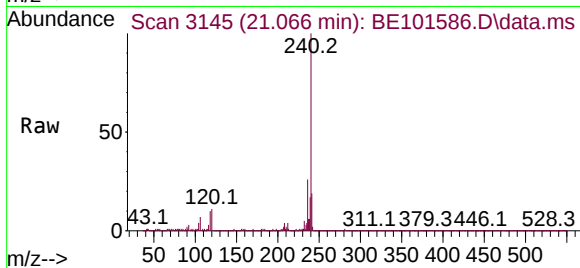
Tgt Ion:240 Resp: 332915

Ion Ratio Lower Upper

240 100

120 11.1 8.2 12.4

236 26.3 21.4 32.2



#78

Pyrene

Concen: 2.157 ng

RT: 19.321 min Scan# 2848

Delta R.T. -0.005 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

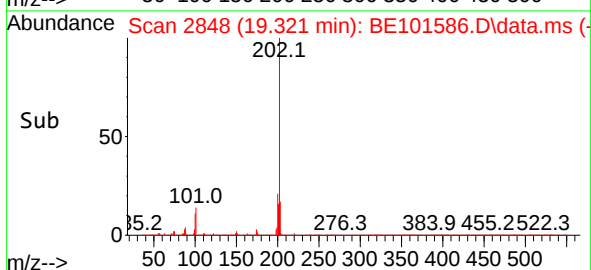
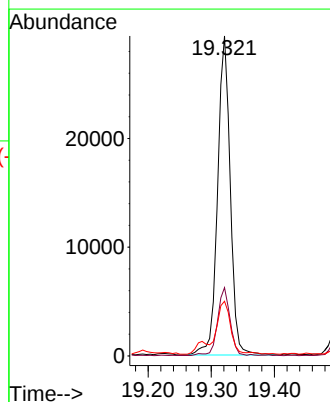
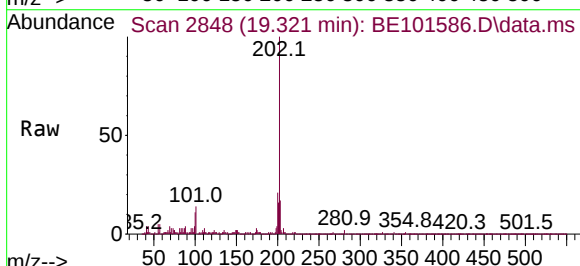
Tgt Ion:202 Resp: 40859

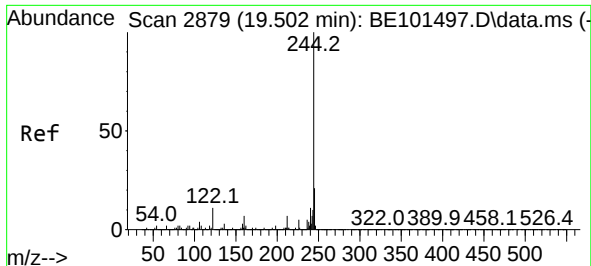
Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

203 17.1 14.2 21.4





#79

Terphenyl-d14

Concen: 66.602 ng

RT: 19.497 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

TP-1

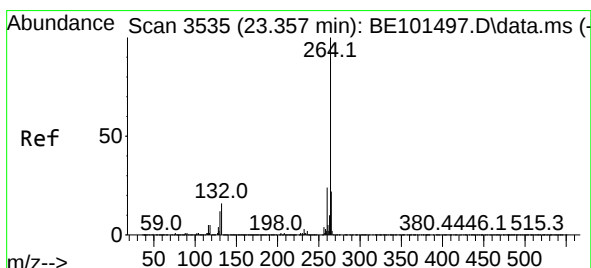
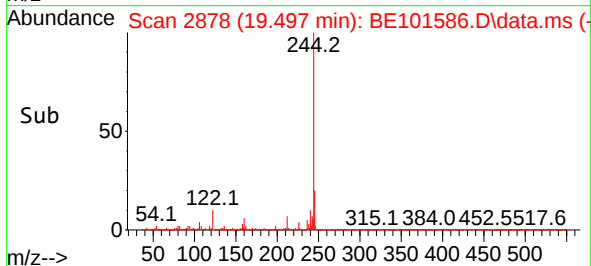
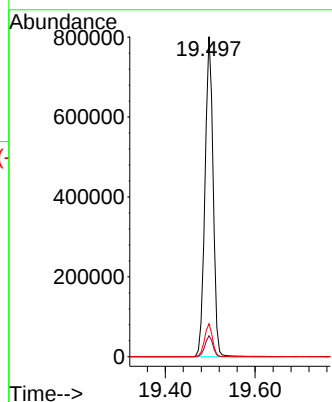
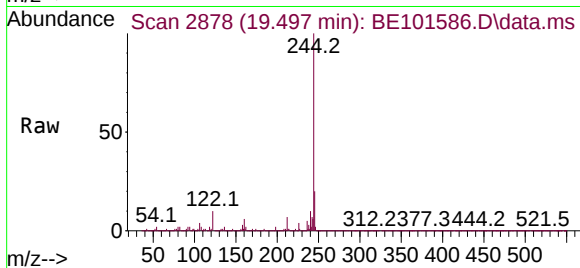
Tgt Ion:244 Resp: 1001687

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

122 10.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.351 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

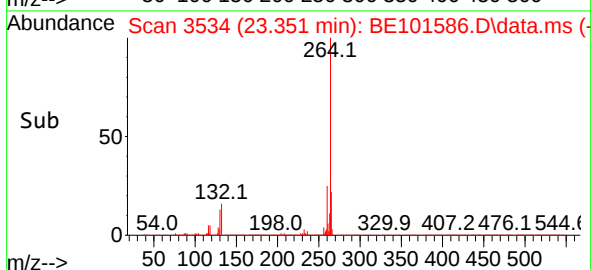
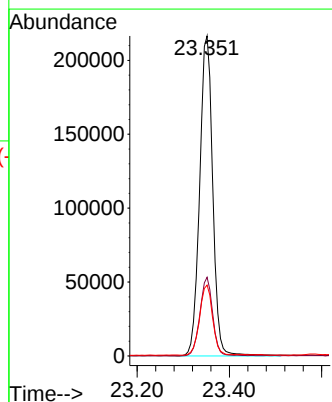
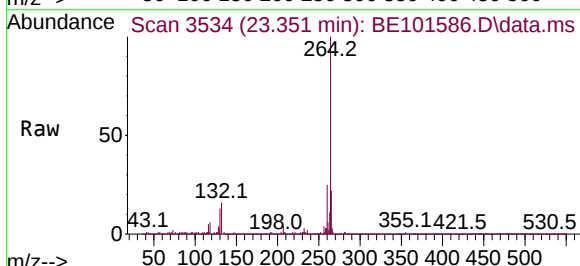
Tgt Ion:264 Resp: 428699

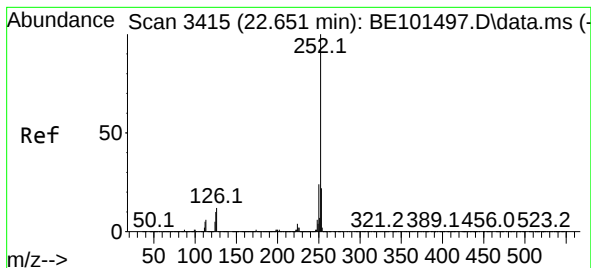
Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 22.1 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 3.552 ng

RT: 22.640 min Scan# 3415

Delta R.T. -0.011 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

TP-1

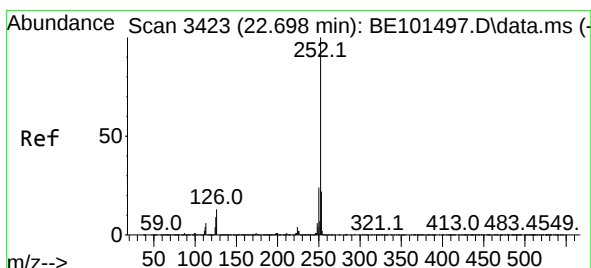
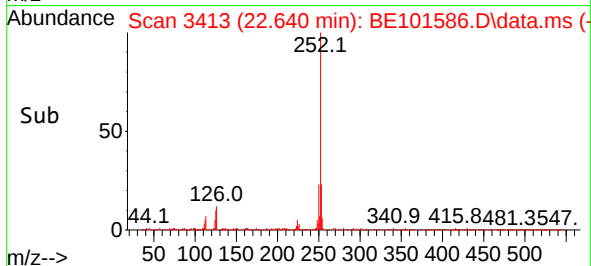
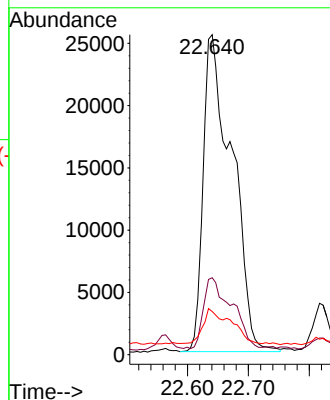
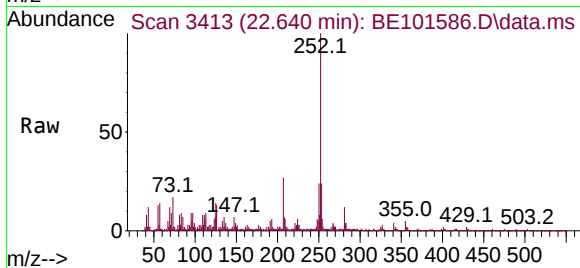
Tgt Ion:252 Resp: 83533

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 13.5 7.8 11.8#



#89

Benzo(k)fluoranthene

Concen: 3.912 ng

RT: 22.640 min Scan# 3413

Delta R.T. -0.058 min

Lab File: BE101586.D

Acq: 12 Nov 2024 21:38

Tgt Ion:252 Resp: 83533

Ion Ratio Lower Upper

252 100

253 24.0 17.9 26.9

125 13.5 7.7 11.5#

