

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101548.D
 Acq On : 8 Nov 2024 12:45
 Operator : RC/JU
 Sample : P4701-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F4

Quant Time: Nov 08 12:30:10 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)

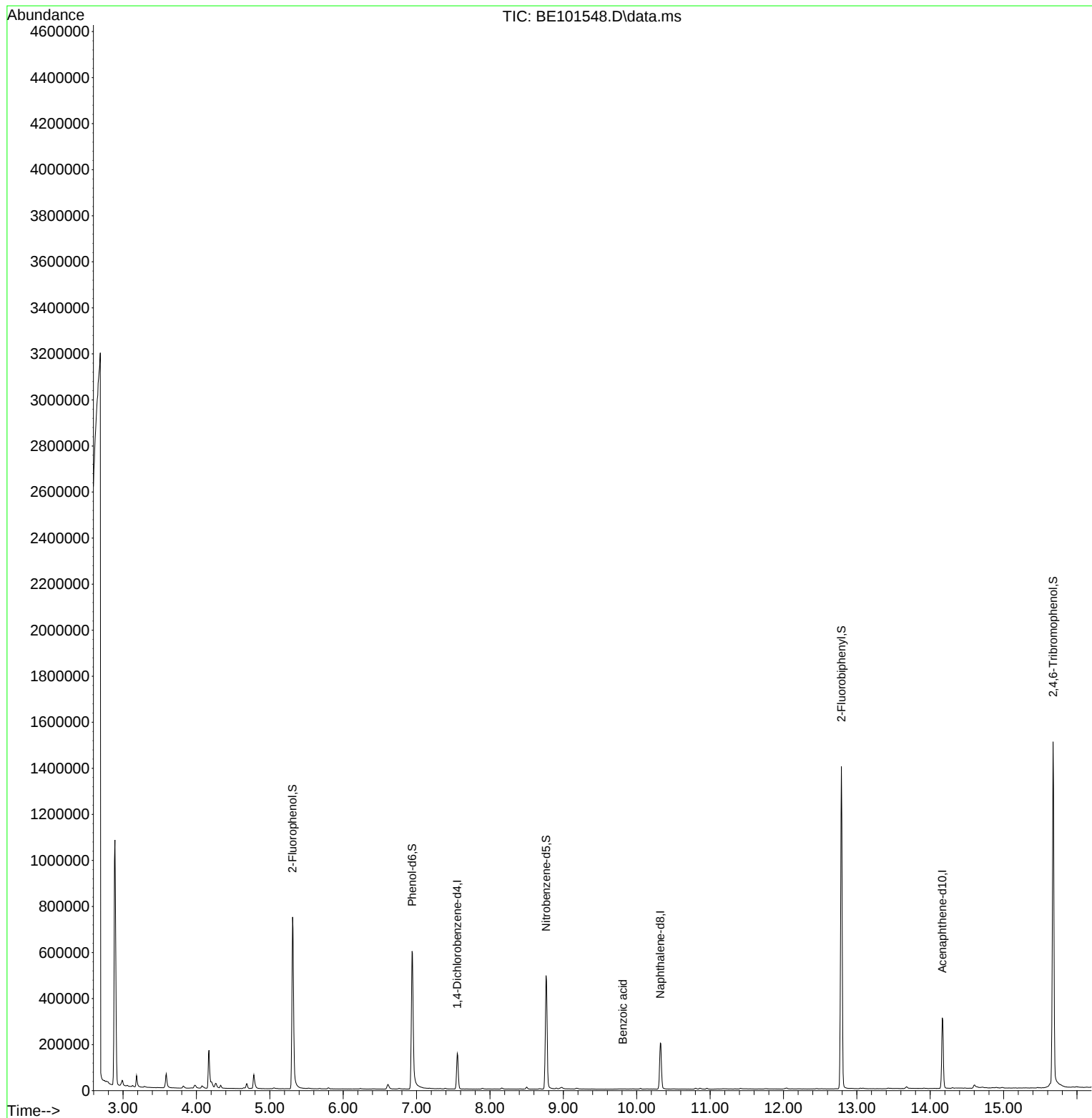
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	44068	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	181062	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	105245	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	292283	20.000	ng	0.00
76) Chrysene-d12	21.069	240	353318	20.000	ng	0.00
86) Perylene-d12	23.348	264	122638	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	379381	152.222	ng	0.00
7) Phenol-d6	6.938	99	424051	124.096	ng	0.00
23) Nitrobenzene-d5	8.765	82	296773	103.532	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	358925	181.239	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	737749	114.456	ng	0.00
79) Terphenyl-d14	19.500	244	1942665	121.709	ng	0.00
Target Compounds						
32) Benzoic acid	9.811	122	42	6.855	ng	Qvalue 92
73) Carbazole	17.238	167	31602	2.245	ng	# 60

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

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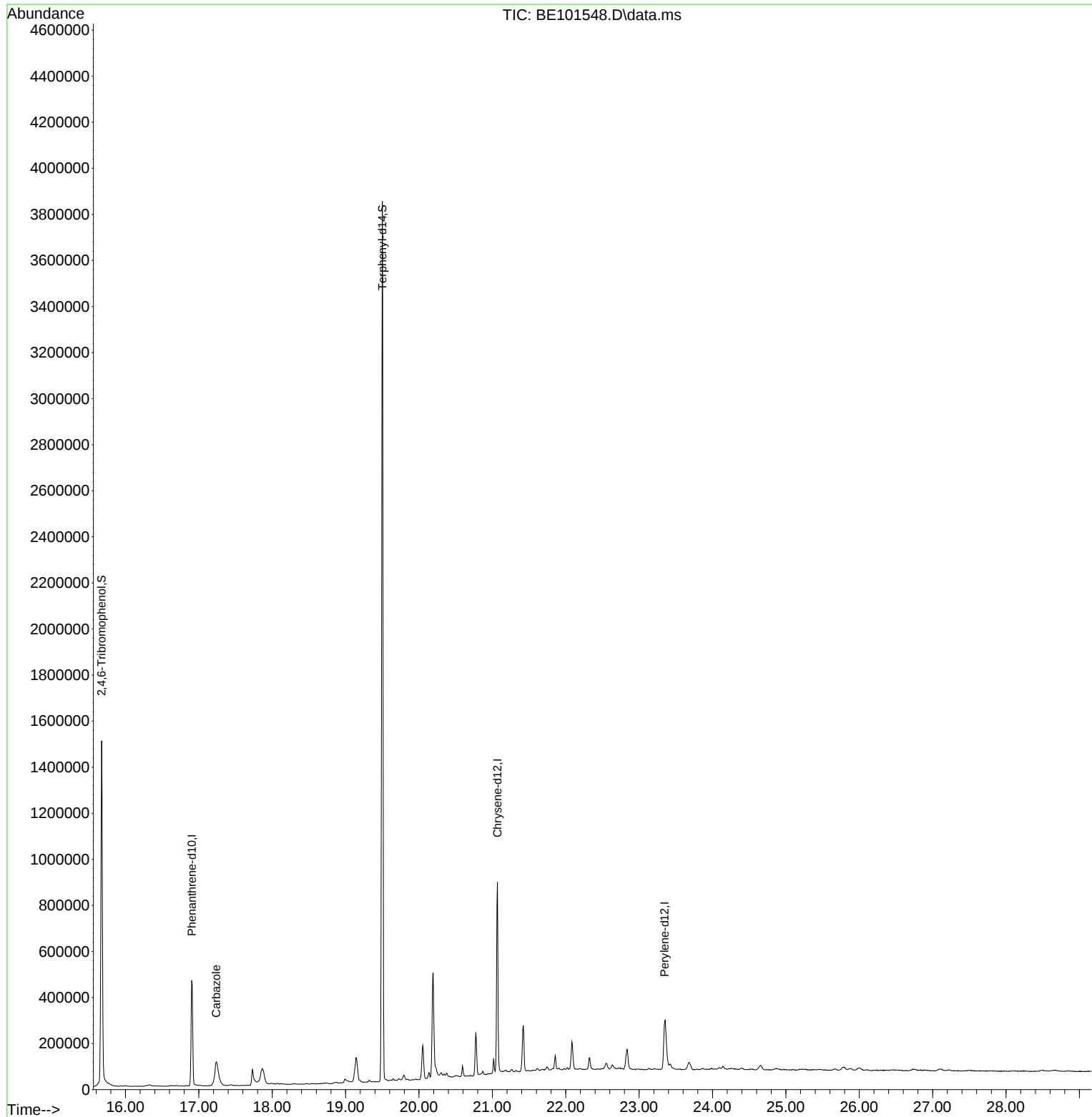
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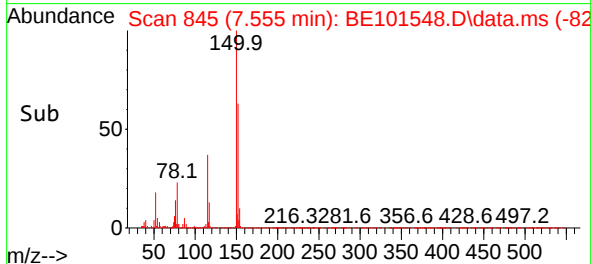
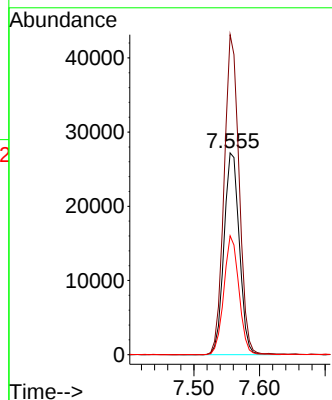
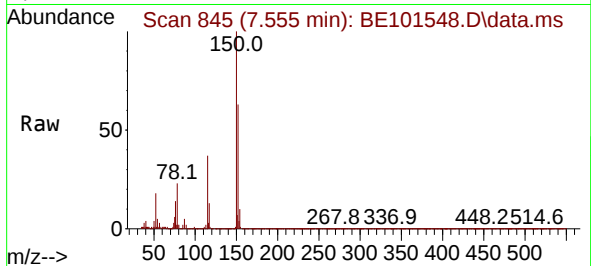




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

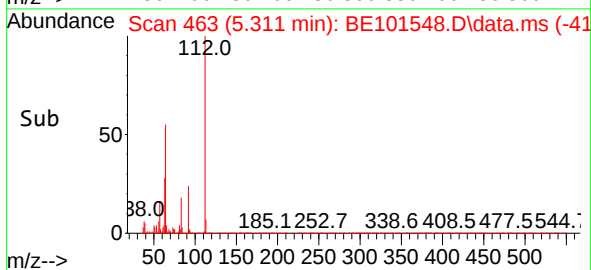
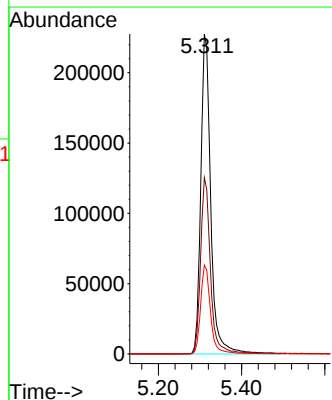
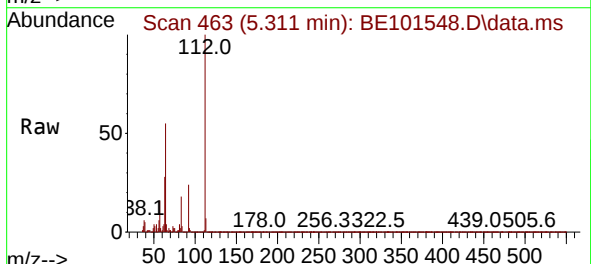
Instrument :
BNA_E
ClientSampleId :
BP-F4

Tgt Ion:152 Resp: 44068
Ion Ratio Lower Upper
152 100
150 158.6 126.3 189.5
115 58.9 45.0 67.4



#5
2-Fluorophenol
Concen: 152.222 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

Tgt Ion:112 Resp: 379381
Ion Ratio Lower Upper
112 100
64 55.1 43.2 64.8
63 27.8 21.8 32.6





#7

Phenol-d6

Concen: 124.096 ng

RT: 6.938 min Scan# 74

Delta R.T. -0.008 min

Lab File: BE101548.D

Acq: 8 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-F4

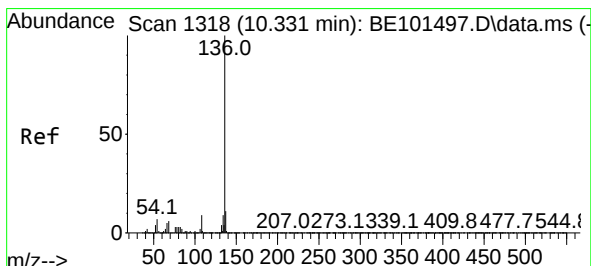
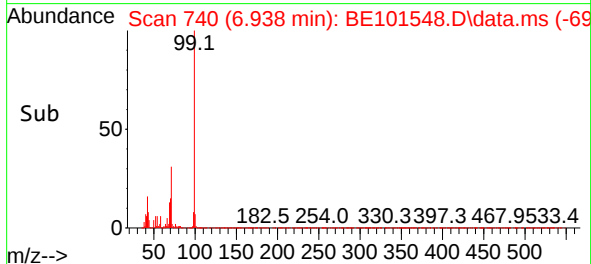
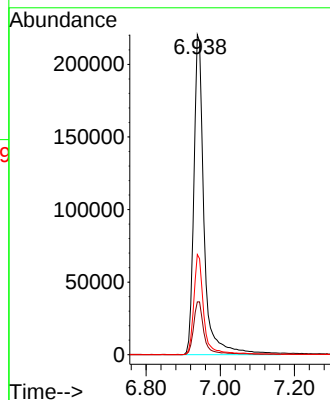
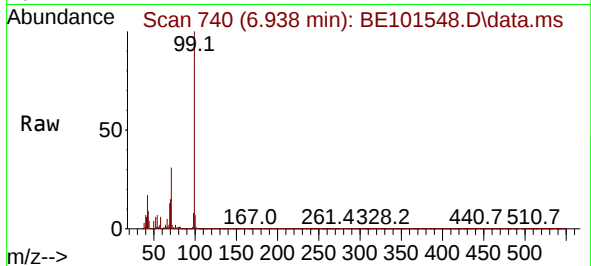
Tgt Ion: 99 Resp: 424051

Ion Ratio Lower Upper

99 100

42 16.5 12.5 18.7

71 31.3 24.2 36.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.322 min Scan# 1316

Delta R.T. -0.008 min

Lab File: BE101548.D

Acq: 8 Nov 2024 12:45

Tgt Ion:136 Resp: 181062

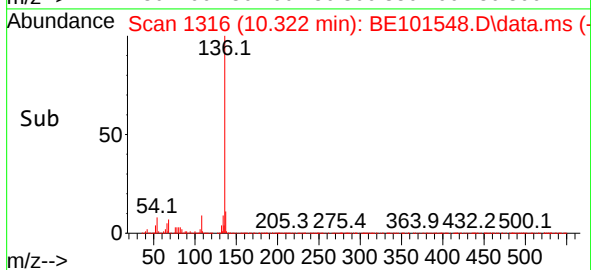
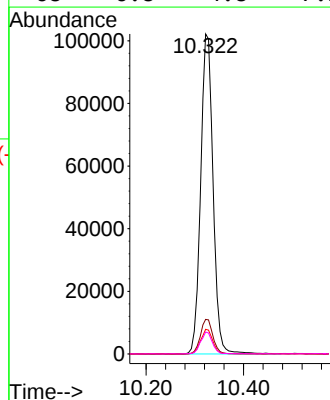
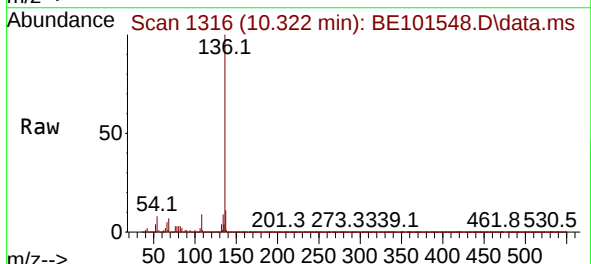
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.7 5.6 8.4

68 6.8 4.8 7.2

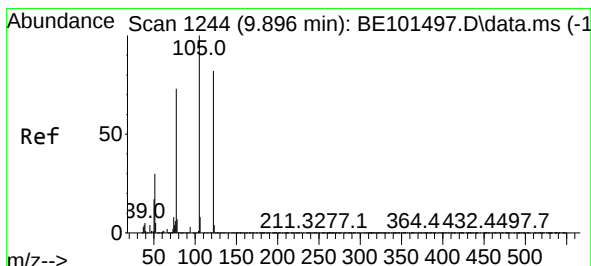
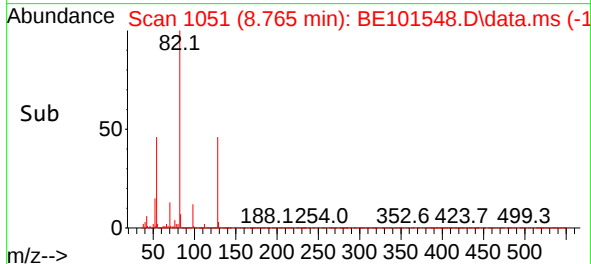
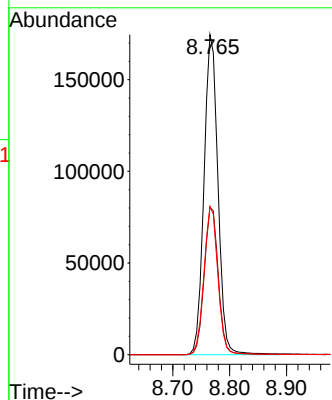
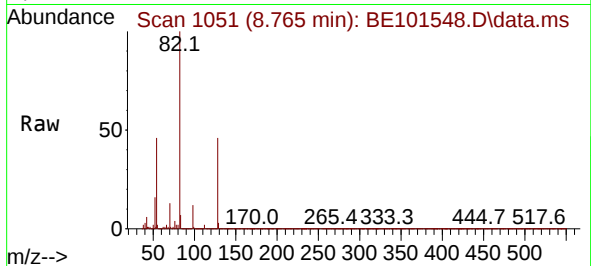




#23
Nitrobenzene-d5
Concen: 103.532 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

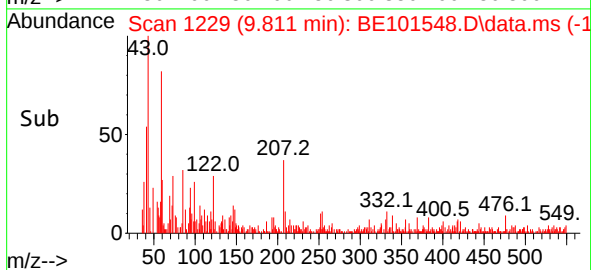
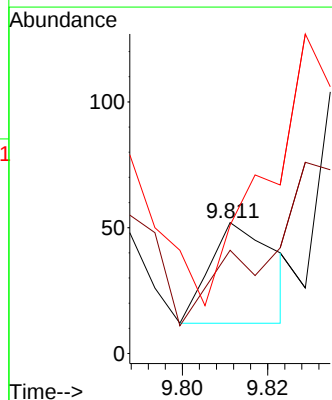
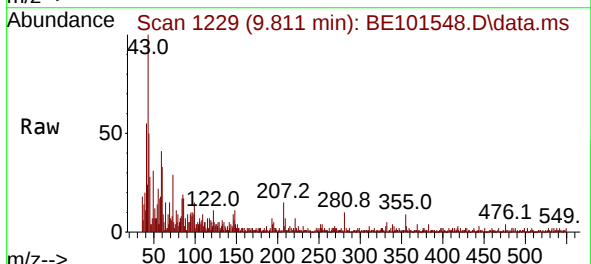
Instrument :
BNA_E
ClientSampleId :
BP-F4

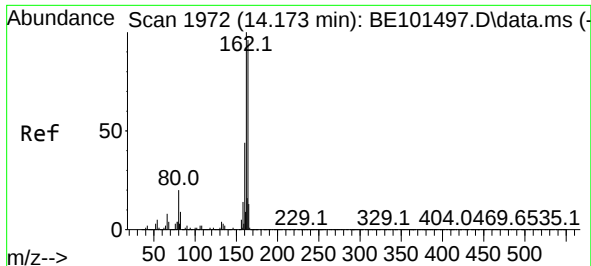
Tgt Ion: 82 Resp: 296773
Ion Ratio Lower Upper
82 100
128 46.0 38.6 58.0
54 46.3 36.3 54.5



#32
Benzoic acid
Concen: 6.855 ng
RT: 9.811 min Scan# 1229
Delta R.T. -0.085 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 126.9 100.6 140.6
77 98.1 68.6 108.6

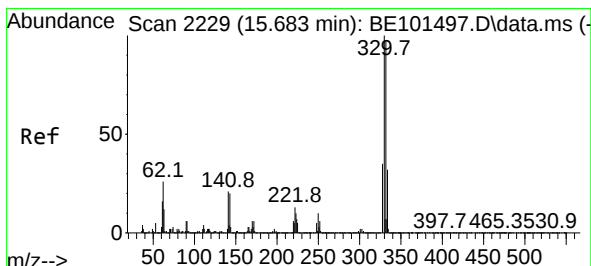
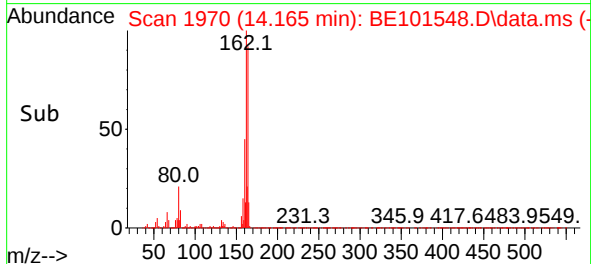
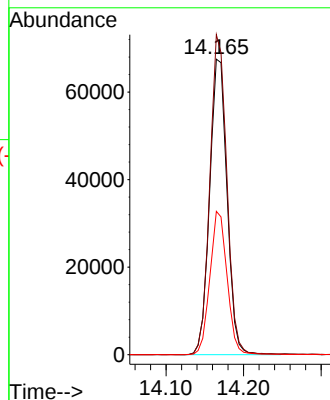
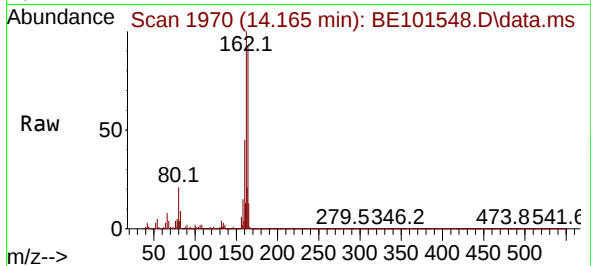




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1972
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

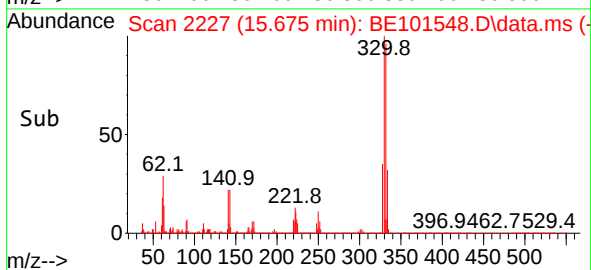
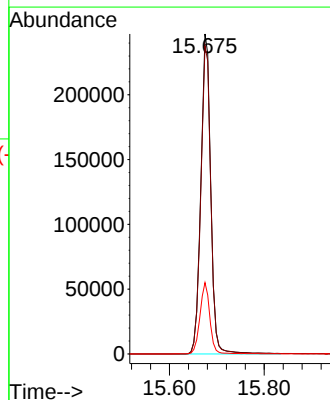
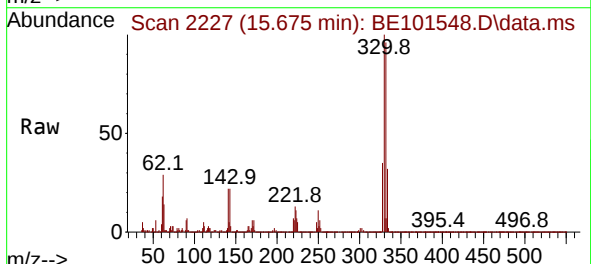
Instrument :
BNA_E
ClientSampleId :
BP-F4

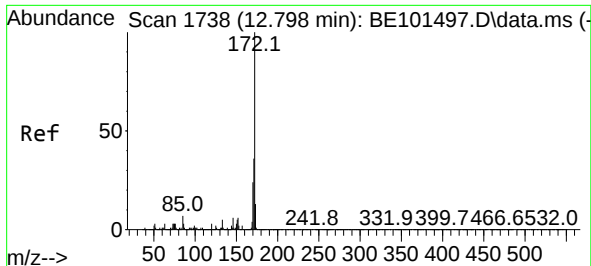
Tgt Ion:164 Resp: 105245
Ion Ratio Lower Upper
164 100
162 108.3 83.7 125.5
160 48.5 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 181.239 ng
RT: 15.675 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

Tgt Ion:330 Resp: 358925
Ion Ratio Lower Upper
330 100
332 97.4 77.7 116.5
141 22.3 17.0 25.4

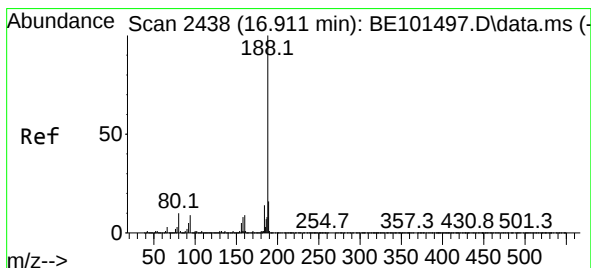
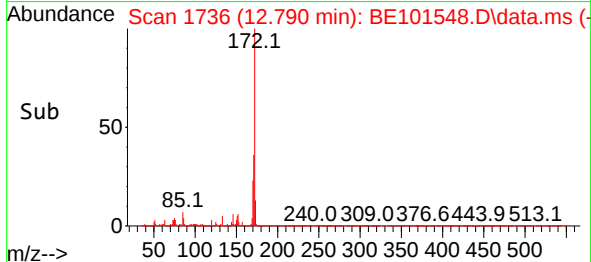
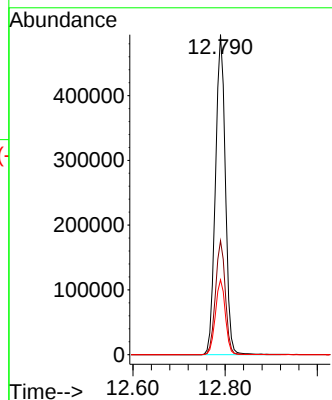
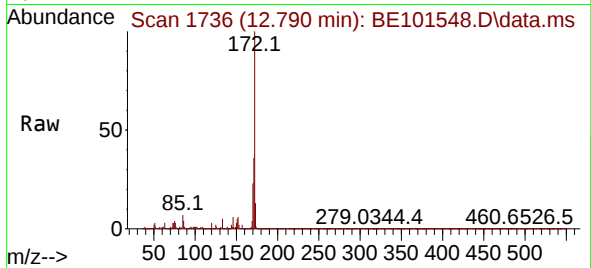




#45
2-Fluorobiphenyl
Concen: 114.456 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

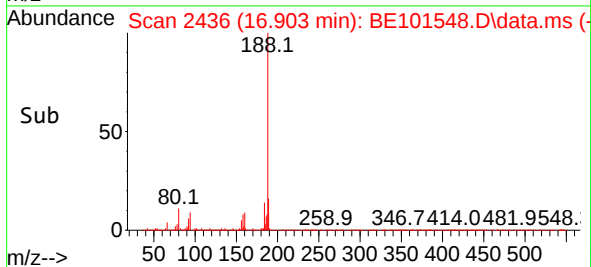
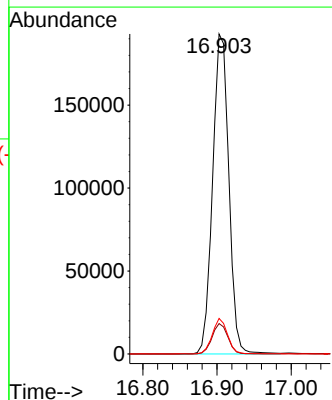
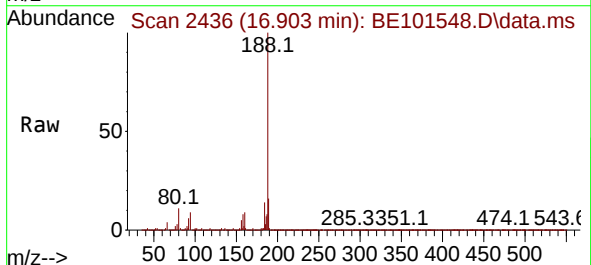
Instrument :
BNA_E
ClientSampleId :
BP-F4

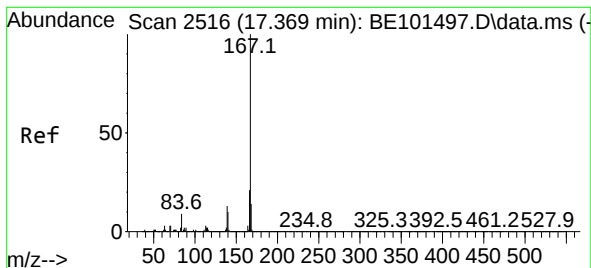
Tgt Ion:172 Resp: 737749
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.903 min Scan# 2436
Delta R.T. -0.008 min
Lab File: BE101548.D
Acq: 8 Nov 2024 12:45

Tgt Ion:188 Resp: 292283
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 11.1 8.0 12.0





#73

Carbazole

Concen: 2.245 ng

RT: 17.238 min Scan# 24

Delta R.T. -0.132 min

Lab File: BE101548.D

Acq: 8 Nov 2024 12:45

Instrument :

BNA_E

ClientSampleId :

BP-F4

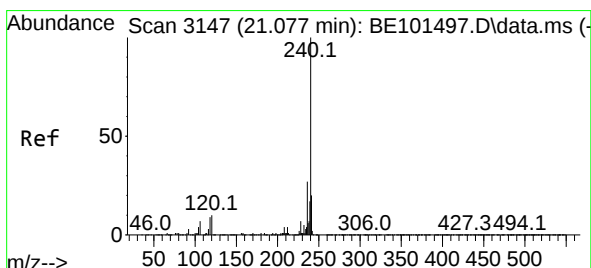
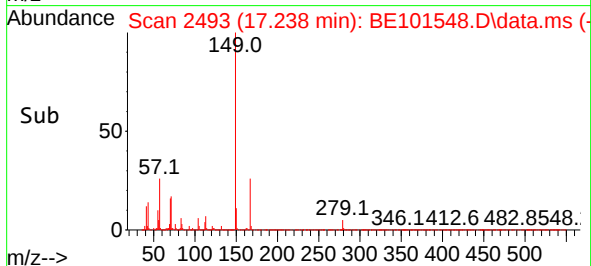
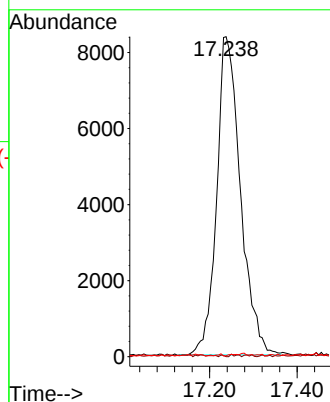
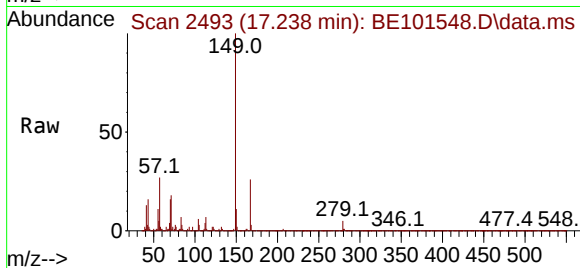
Tgt Ion:167 Resp: 31602

Ion Ratio Lower Upper

167 100

166 0.0 17.1 25.7#

139 0.3 10.2 15.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.069 min Scan# 3145

Delta R.T. -0.008 min

Lab File: BE101548.D

Acq: 8 Nov 2024 12:45

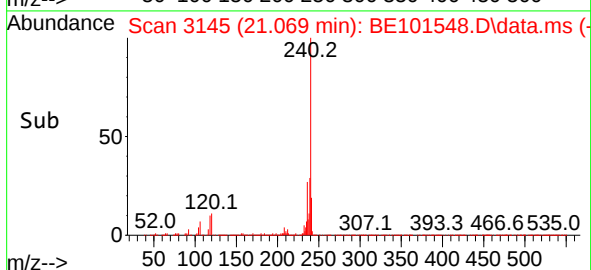
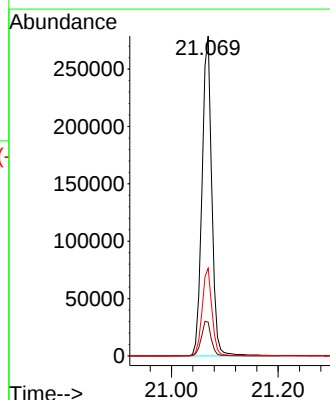
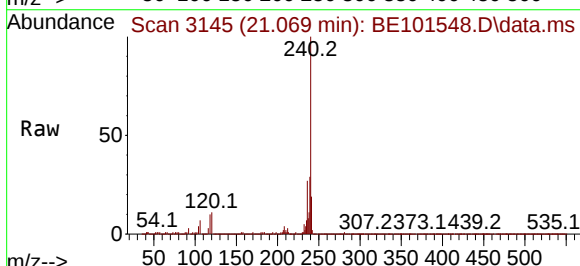
Tgt Ion:240 Resp: 353318

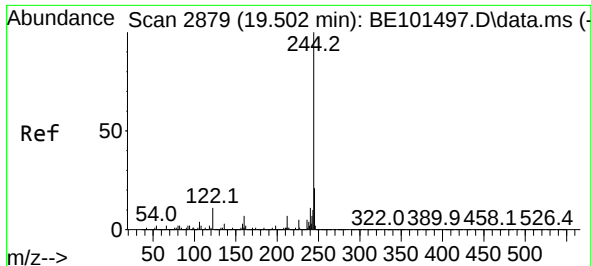
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.4

236 27.4 21.4 32.2

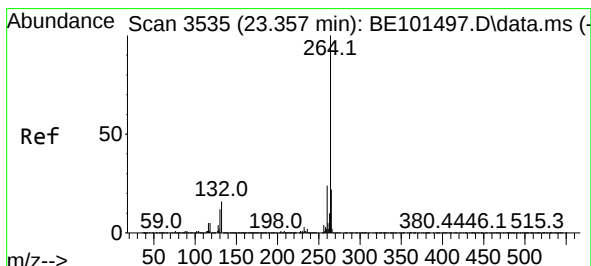
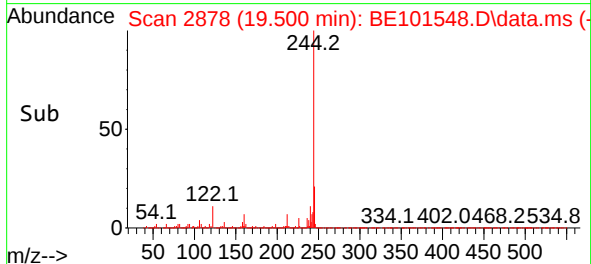
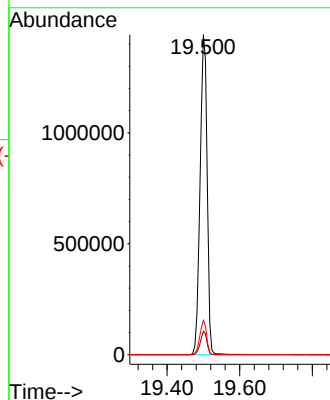
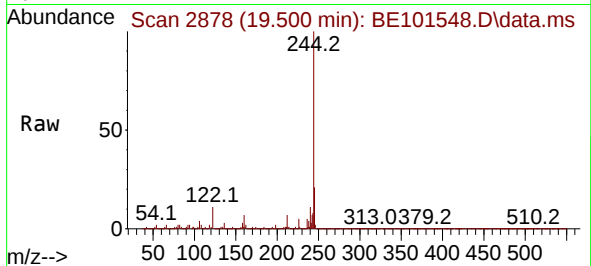




#79
 Terphenyl-d14
 Concen: 121.709 ng
 RT: 19.500 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BE101548.D
 Acq: 8 Nov 2024 12:45

Instrument :
 BNA_E
 ClientSampleId :
 BP-F4

Tgt Ion:244 Resp: 1942665
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.348 min Scan# 3533
 Delta R.T. -0.008 min
 Lab File: BE101548.D
 Acq: 8 Nov 2024 12:45

Tgt Ion:264 Resp: 122638
 Ion Ratio Lower Upper
 264 100
 260 31.9 19.4 29.2#
 265 20.9 17.4 26.2

