

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101555.D
 Acq On : 8 Nov 2024 16:55
 Operator : RC/JU
 Sample : P4739-16
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TP-11

Quant Time: Nov 08 17:25:33 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	7.557	152	38129	20.000	ng	0.00
21) Naphthalene-d8	10.325	136	158412	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	106535	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	274316	20.000	ng	0.00
76) Chrysene-d12	21.065	240	372052	20.000	ng	-0.01
86) Perylene-d12	23.351	264	471691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.307	112	313885	145.560	ng	0.00
7) Phenol-d6	6.935	99	371488	125.647	ng	-0.01
23) Nitrobenzene-d5	8.768	82	251308	100.206	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	320840	160.047	ng	0.00
45) 2-Fluorobiphenyl	12.787	172	626278	95.986	ng	-0.01
79) Terphenyl-d14	19.502	244	1850655	110.107	ng	0.00

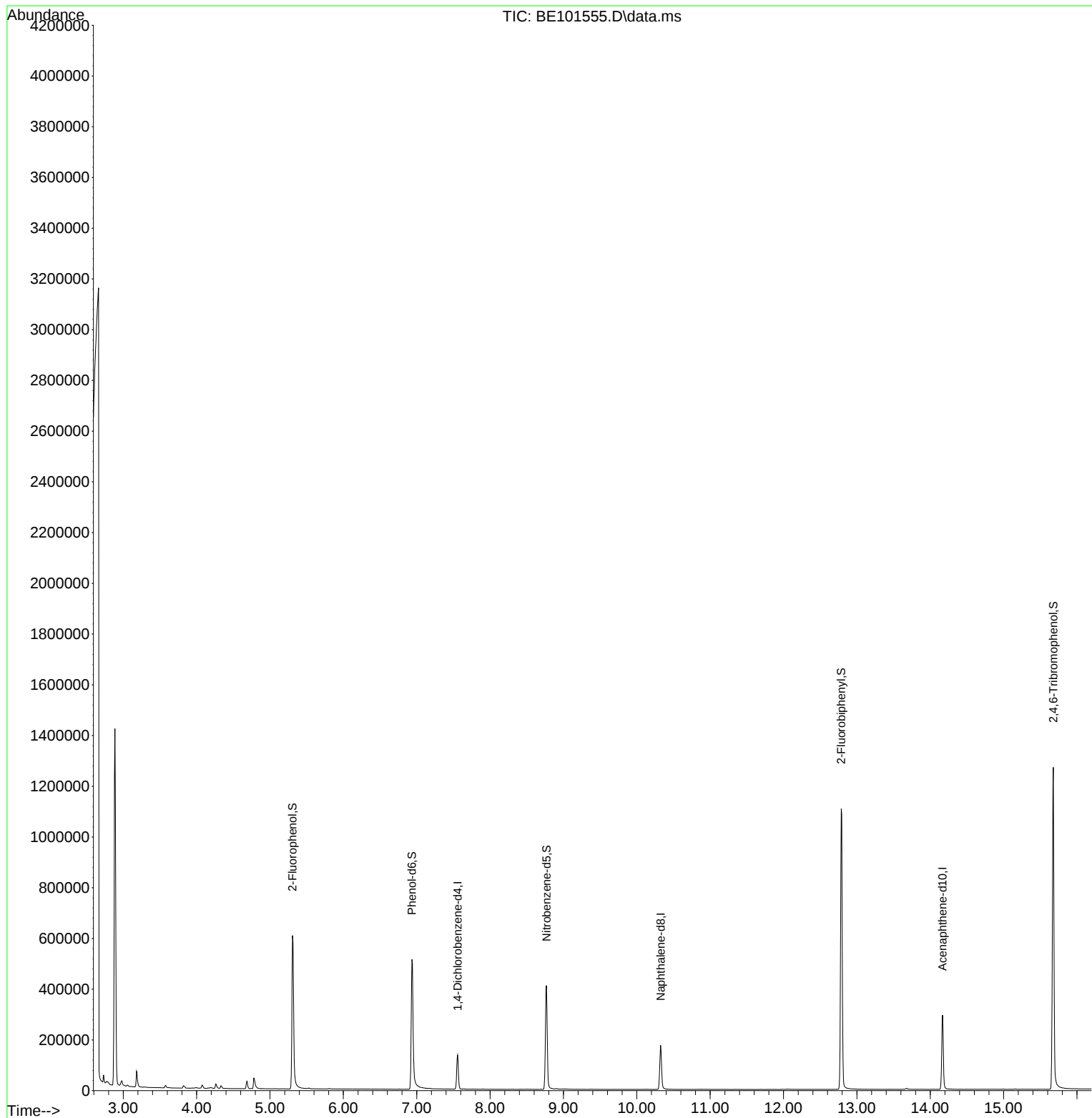
Target Compounds	Qvalue

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

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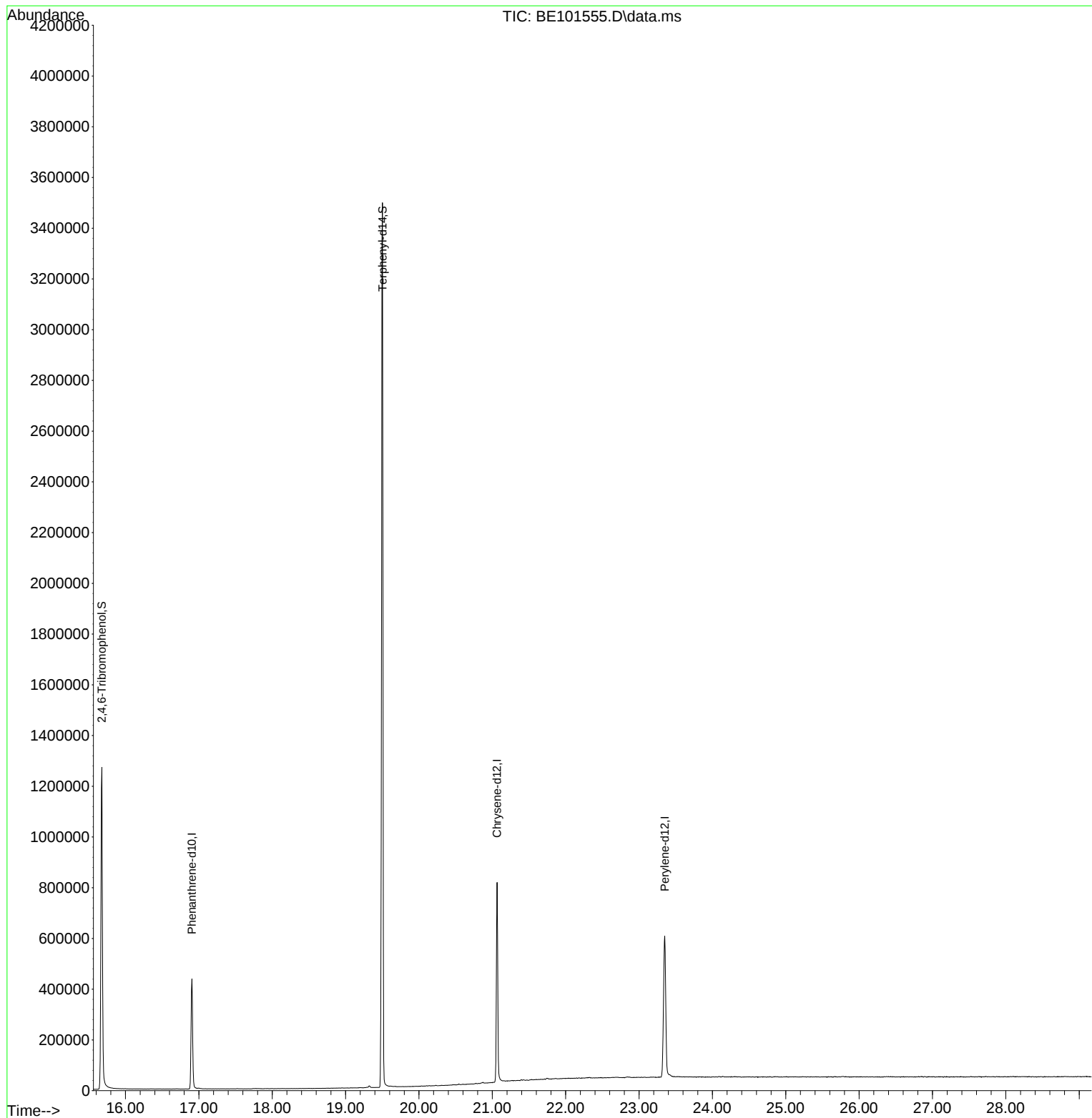
Quant Time: Nov 08 17:25:33 2024
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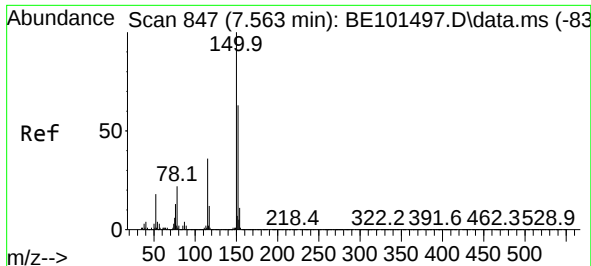


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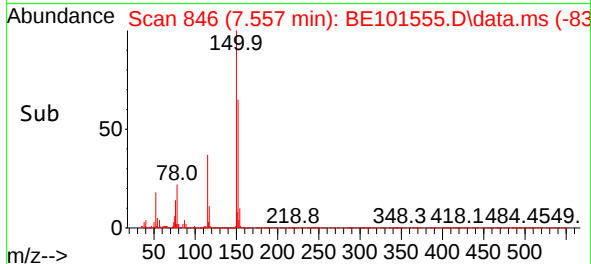
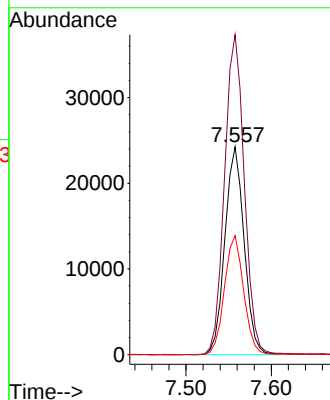
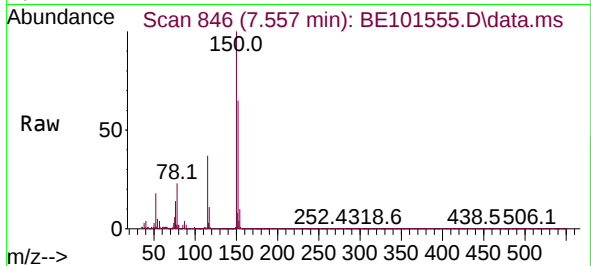




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

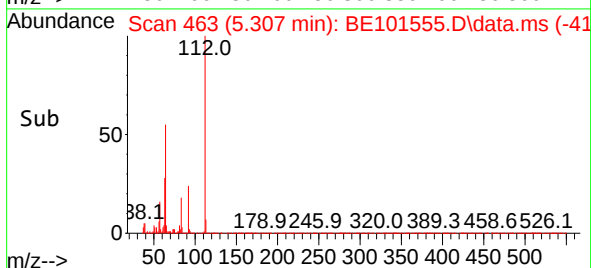
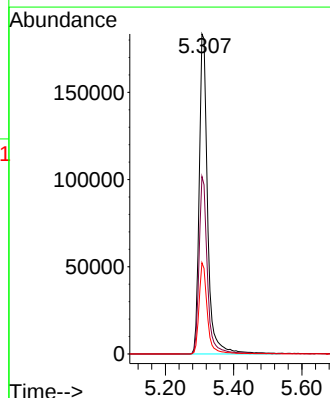
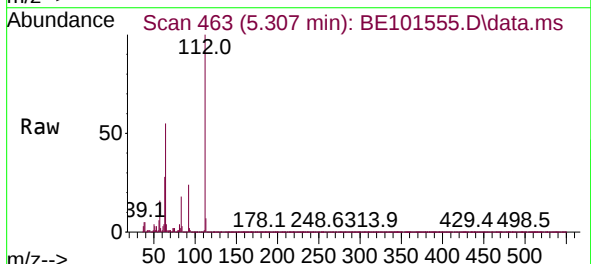
Instrument :
BNA_E
ClientSampleId :
TP-11

Tgt Ion:152 Resp: 38129
Ion Ratio Lower Upper
152 100
150 153.9 126.3 189.5
115 57.3 45.0 67.4



#5
2-Fluorophenol
Concen: 145.560 ng
RT: 5.307 min Scan# 463
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

Tgt Ion:112 Resp: 313885
Ion Ratio Lower Upper
112 100
64 55.5 43.2 64.8
63 28.5 21.8 32.6

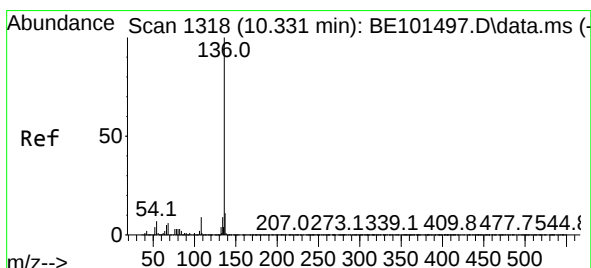
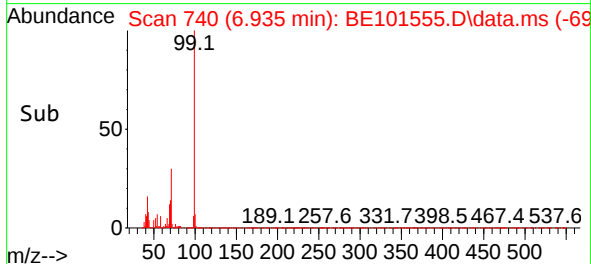
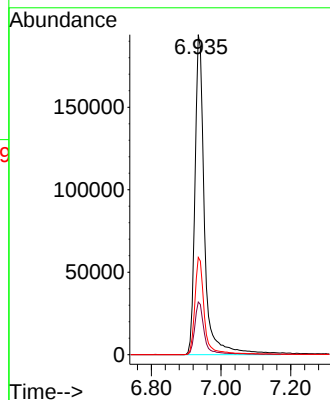
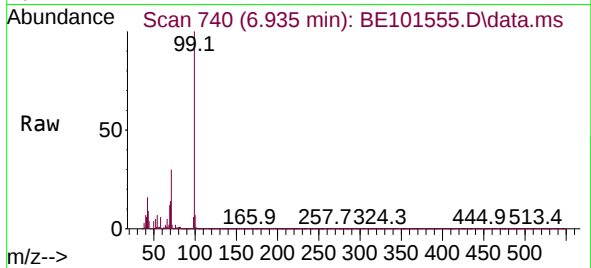




#7
Phenol-d6
Concen: 125.647 ng
RT: 6.935 min Scan# 742
Delta R.T. -0.012 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

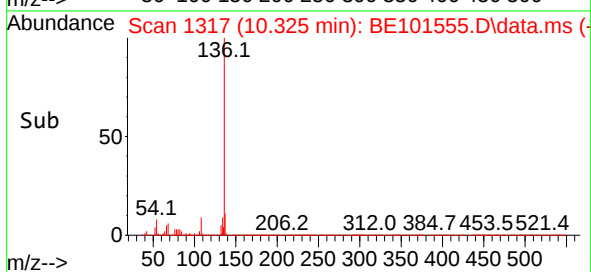
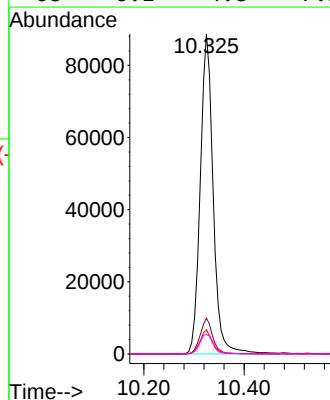
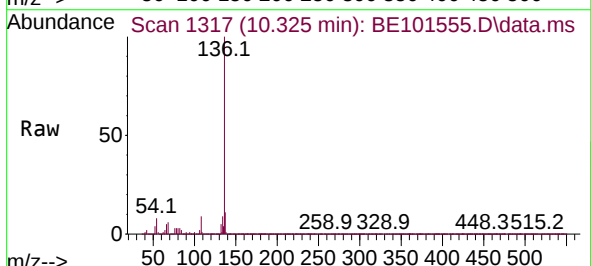
Instrument :
BNA_E
ClientSampleId :
TP-11

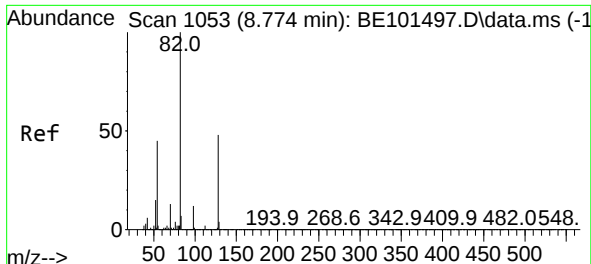
Tgt Ion: 99 Resp: 371488
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 30.4 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.325 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

Tgt Ion: 136 Resp: 158412
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.5 5.6 8.4
68 6.1 4.8 7.2

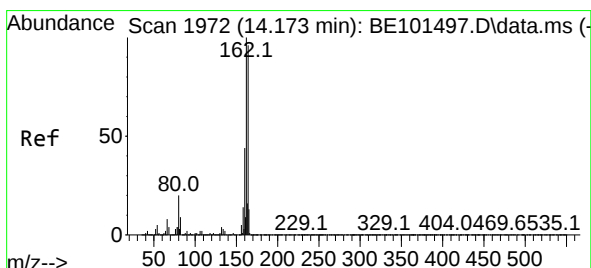
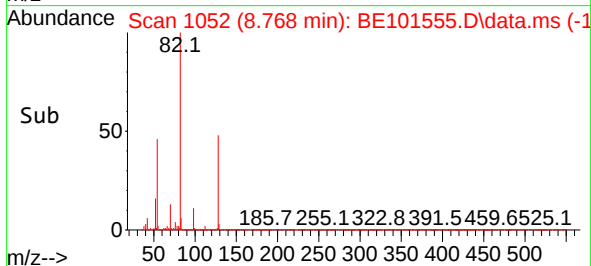
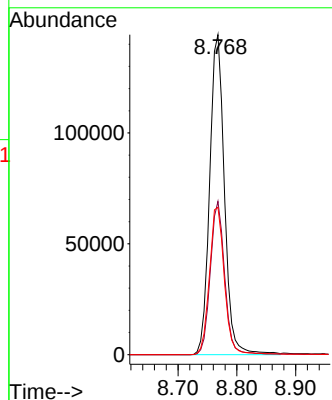
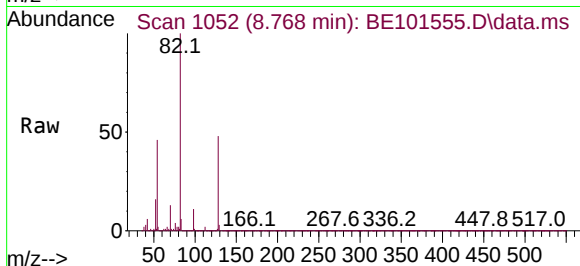




#23
Nitrobenzene-d5
Concen: 100.206 ng
RT: 8.768 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

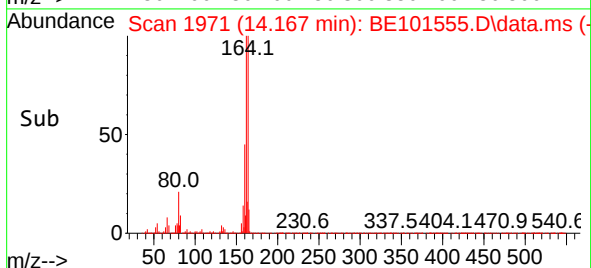
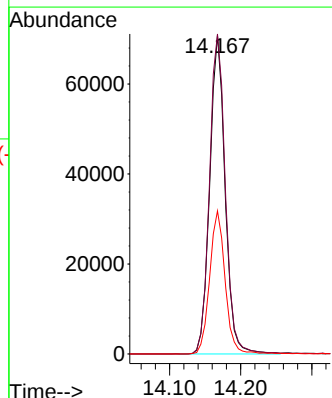
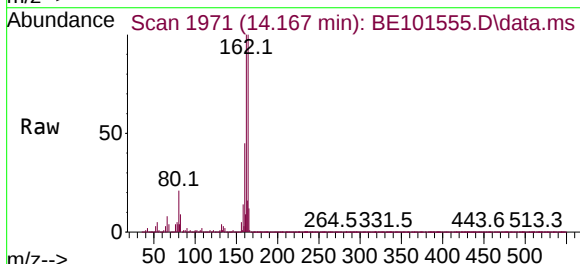
Instrument :
BNA_E
ClientSampleId :
TP-11

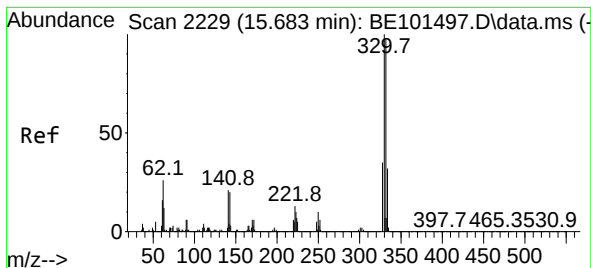
Tgt Ion: 82 Resp: 251308
Ion Ratio Lower Upper
82 100
128 47.9 38.6 58.0
54 46.1 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

Tgt Ion:164 Resp: 106535
Ion Ratio Lower Upper
164 100
162 100.4 83.7 125.5
160 44.9 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 160.047 ng

RT: 15.677 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101555.D

Acq: 8 Nov 2024 16:55

Instrument :

BNA_E

ClientSampleId :

TP-11

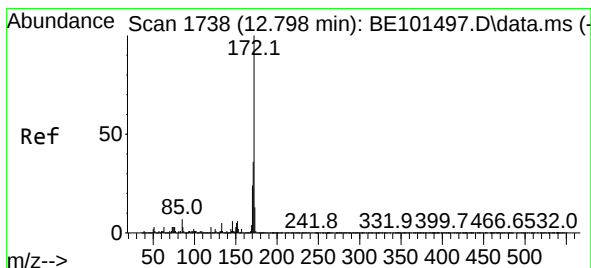
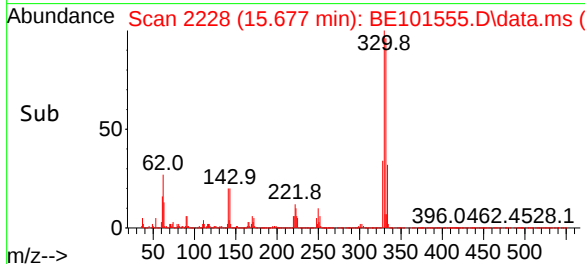
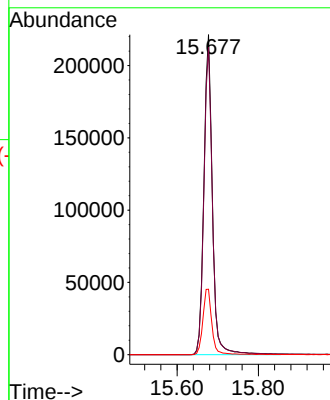
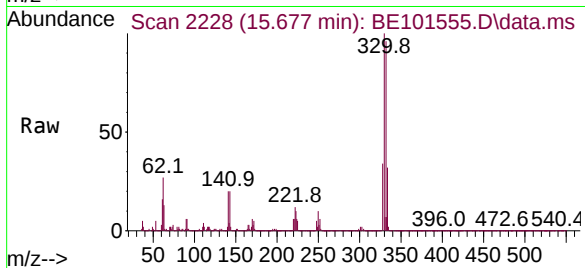
Tgt Ion:330 Resp: 320840

Ion Ratio Lower Upper

330 100

332 96.7 77.7 116.5

141 21.8 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 95.986 ng

RT: 12.787 min Scan# 1736

Delta R.T. -0.012 min

Lab File: BE101555.D

Acq: 8 Nov 2024 16:55

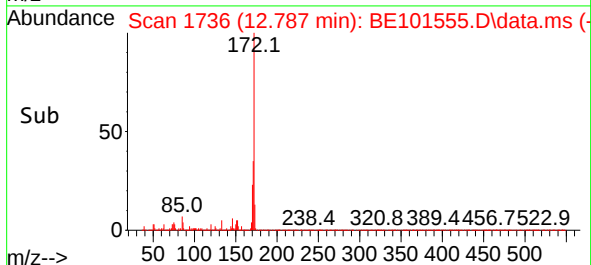
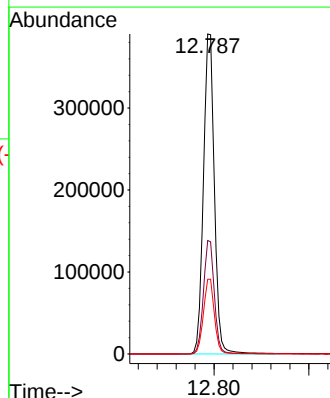
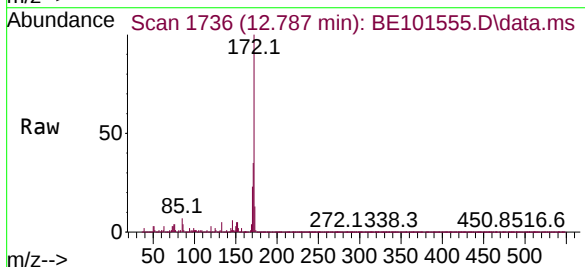
Tgt Ion:172 Resp: 626278

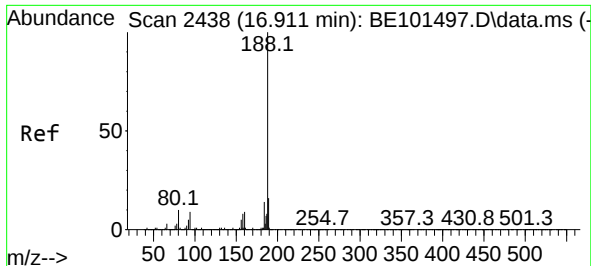
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.4 18.9 28.3

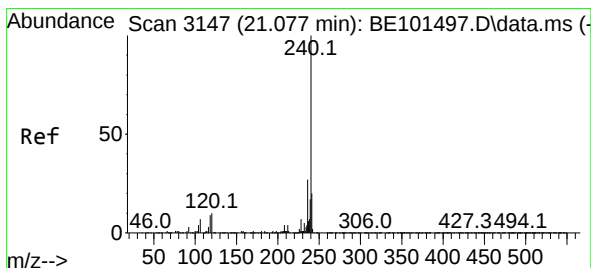
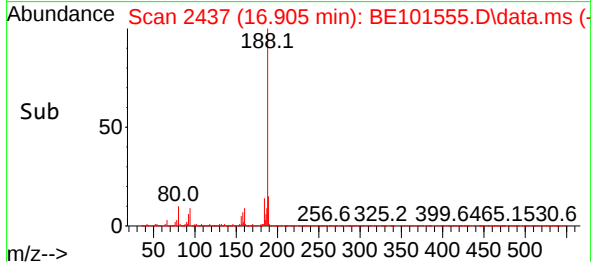
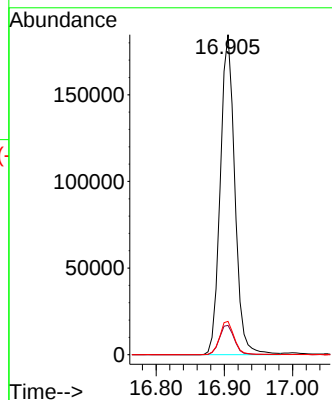
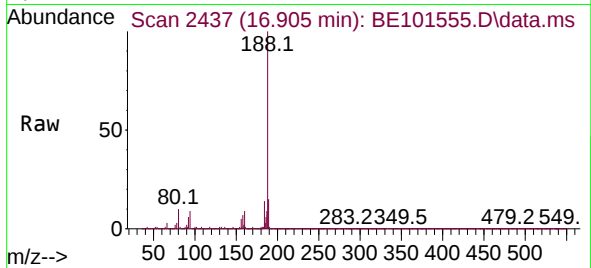




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.905 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

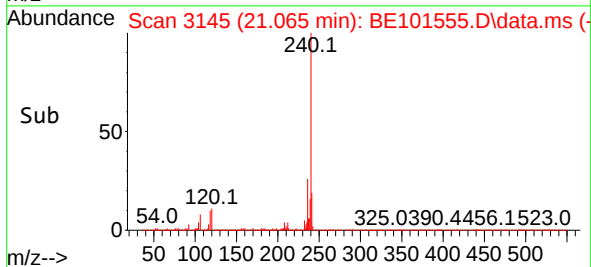
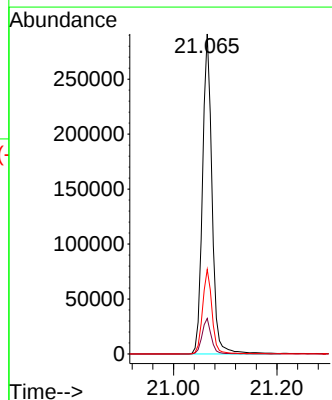
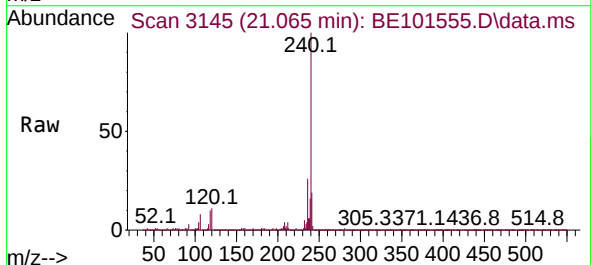
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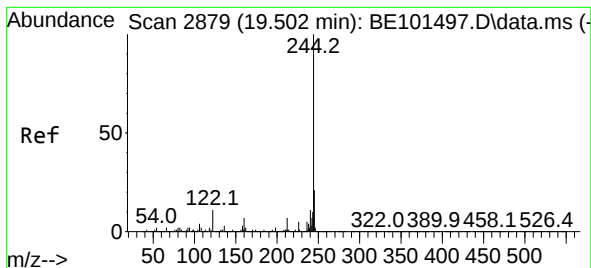
Tgt Ion:188 Resp: 274316
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 10.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BE101555.D
Acq: 8 Nov 2024 16:55

Tgt Ion:240 Resp: 372052
Ion Ratio Lower Upper
240 100
120 11.1 8.2 12.4
236 26.4 21.4 32.2





#79

Terphenyl-d14

Concen: 110.107 ng

RT: 19.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: BE101555.D

Acq: 8 Nov 2024 16:55

Instrument :

BNA_E

ClientSampleId :

TP-11

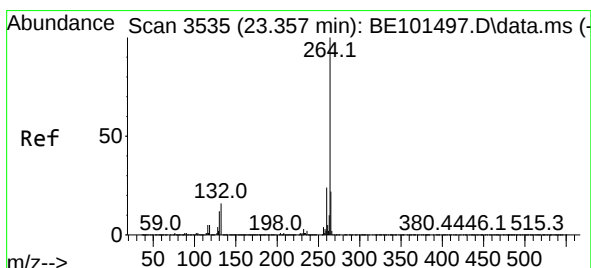
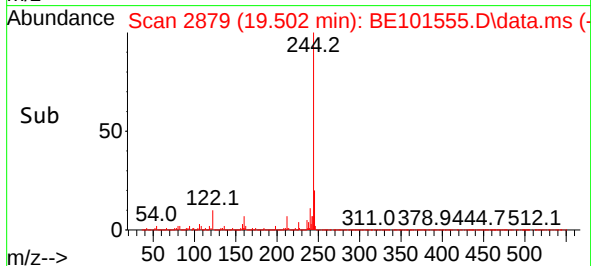
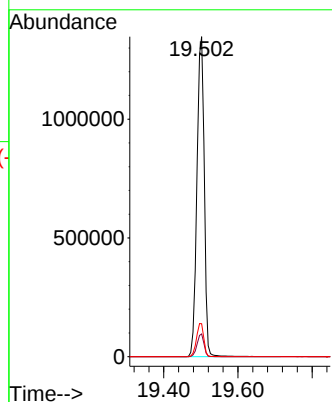
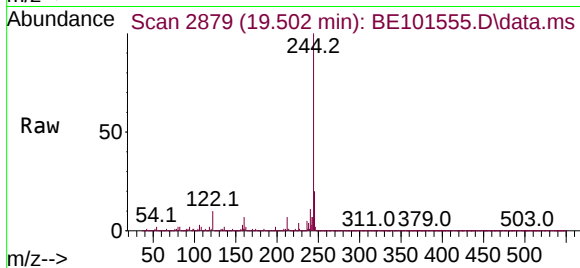
Tgt Ion:244 Resp: 1850655

Ion Ratio Lower Upper

244 100

212 7.1 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. -0.006 min

Lab File: BE101555.D

Acq: 8 Nov 2024 16:55

Tgt Ion:264 Resp: 471691

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.7 17.4 26.2

