

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101515.D
 Acq On : 7 Nov 2024 3:02
 Operator : RC/JU
 Sample : P4680-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

Quant Time: Nov 07 03:11:56 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)

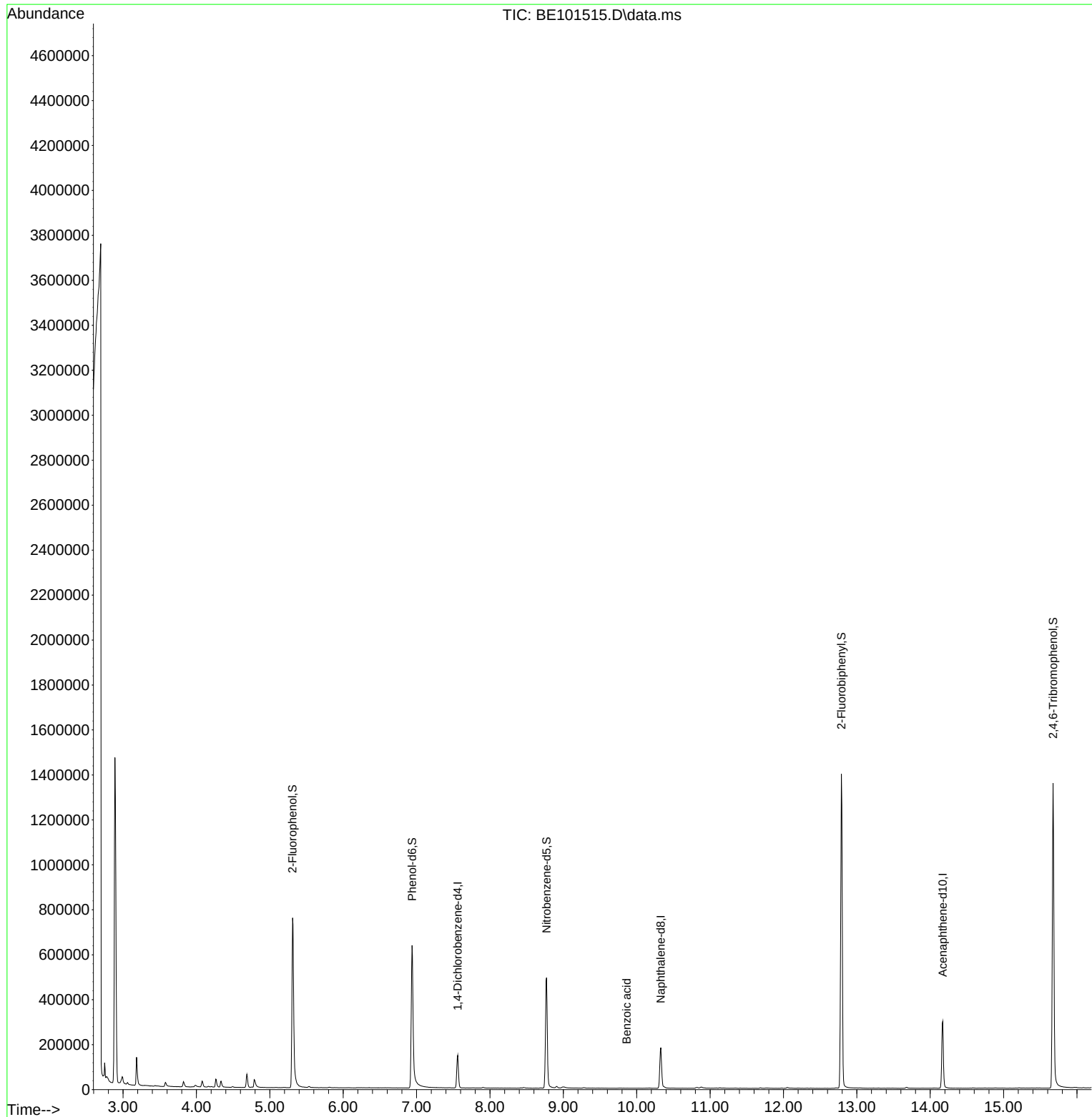
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.561	152	40987	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	167334	20.000	ng	0.00
39) Acenaphthene-d10	14.171	164	110005	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	274287	20.000	ng	0.00
76) Chrysene-d12	21.063	240	392037	20.000	ng	-0.01
86) Perylene-d12	23.348	264	550173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	399613	172.393	ng	0.00
7) Phenol-d6	6.938	99	465588	146.494	ng	0.00
23) Nitrobenzene-d5	8.771	82	304136	114.805	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	357025	172.479	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	770077	114.302	ng	0.00
79) Terphenyl-d14	19.500	244	1997749	112.799	ng	0.00
Target Compounds						
32) Benzoic acid	9.864	122	6	6.837	ng	Qvalue 88

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

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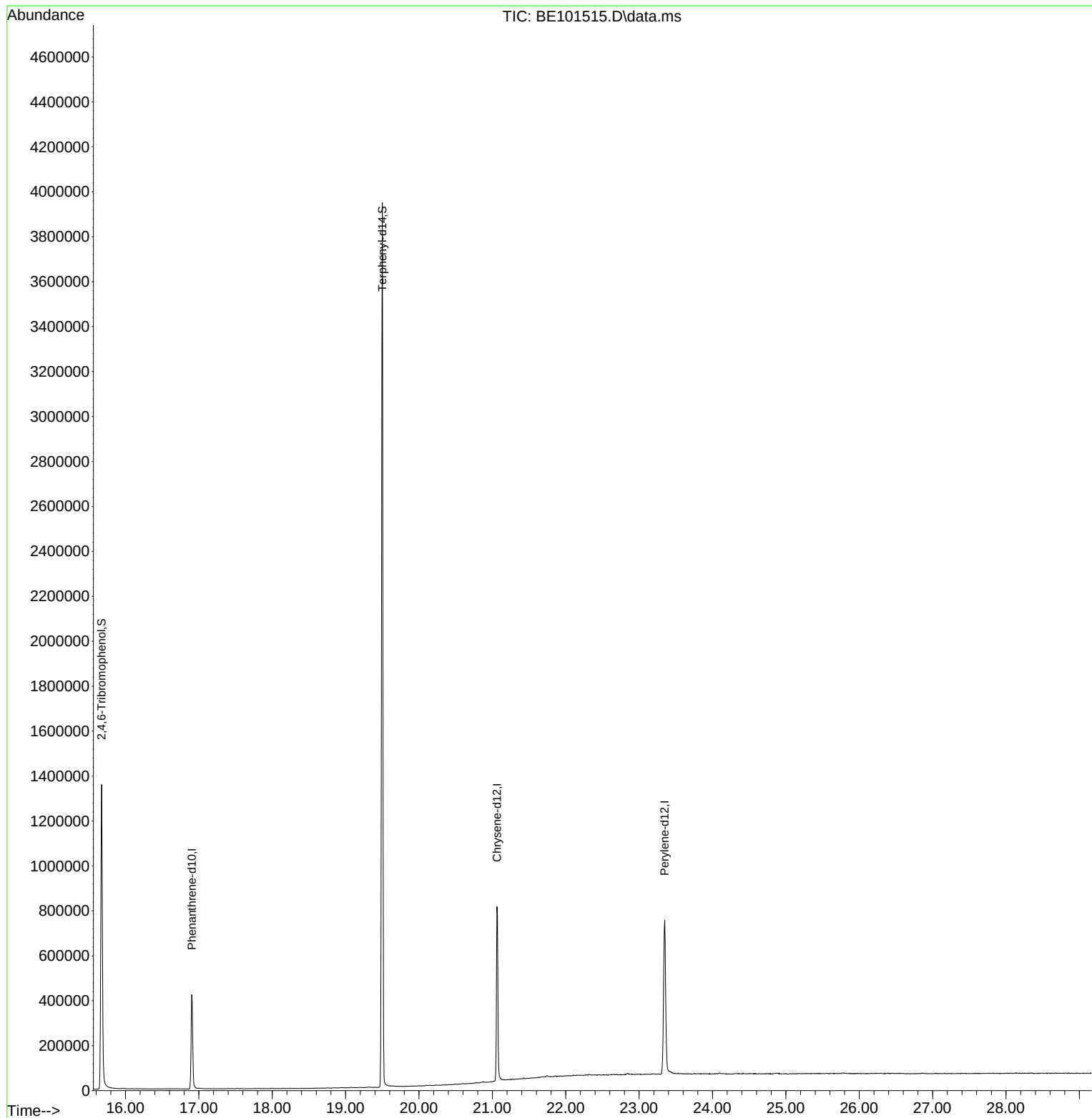
Quant Time: Nov 07 03:11:56 2024
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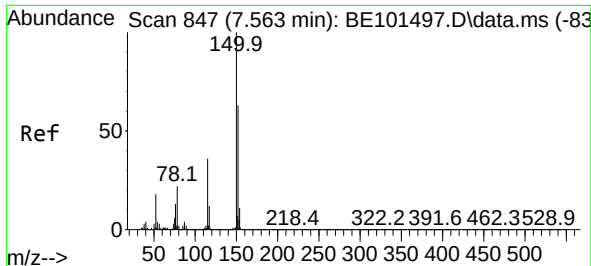


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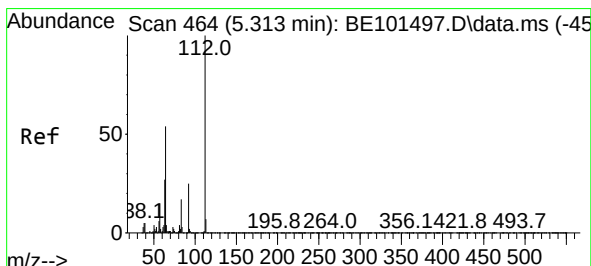
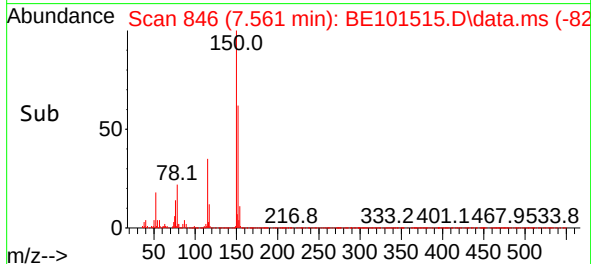
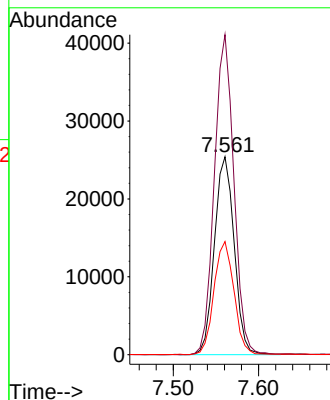
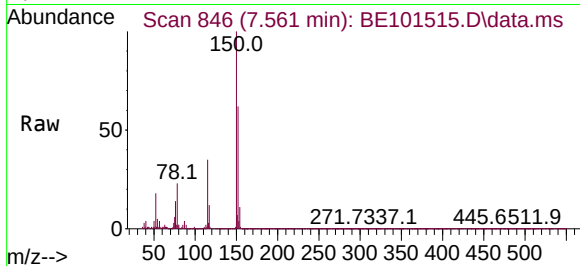




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.561 min Scan# 84
Delta R.T. -0.002 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

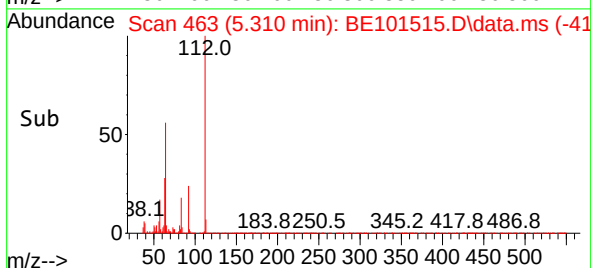
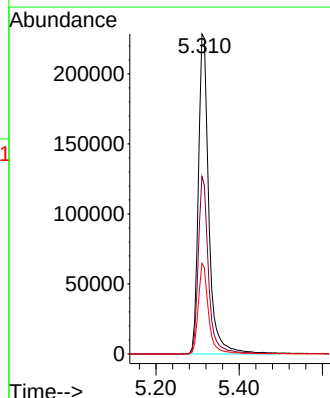
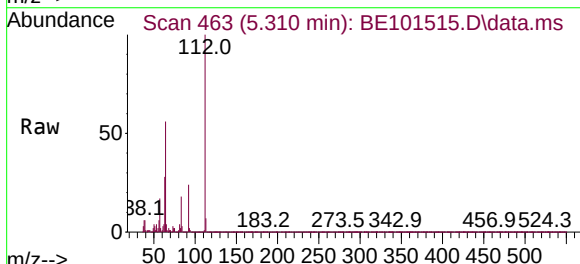
Instrument :
BNA_E
ClientSampleId :
BP-F25

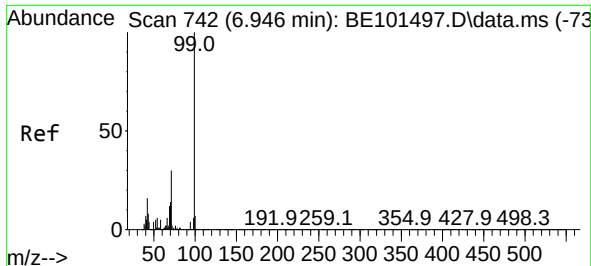
Tgt Ion:152 Resp: 40987
Ion Ratio Lower Upper
152 100
150 161.7 126.3 189.5
115 57.1 45.0 67.4



#5
2-Fluorophenol
Concen: 172.393 ng
RT: 5.310 min Scan# 463
Delta R.T. -0.003 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

Tgt Ion:112 Resp: 399613
Ion Ratio Lower Upper
112 100
64 55.5 43.2 64.8
63 28.3 21.8 32.6

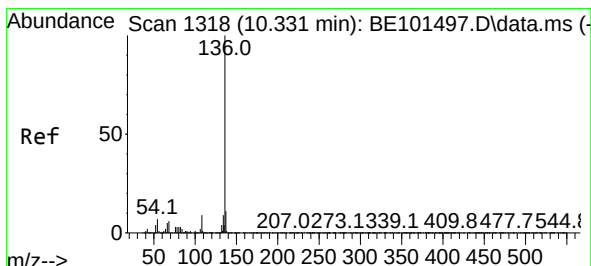
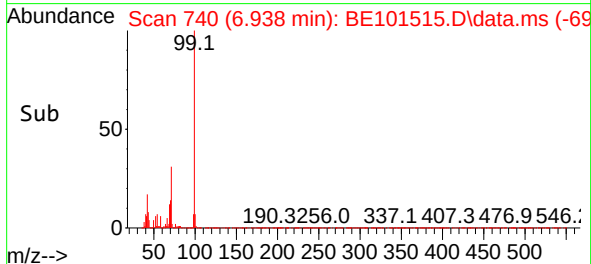
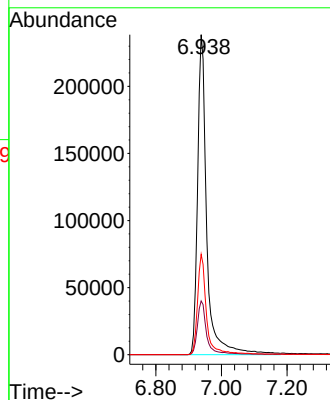
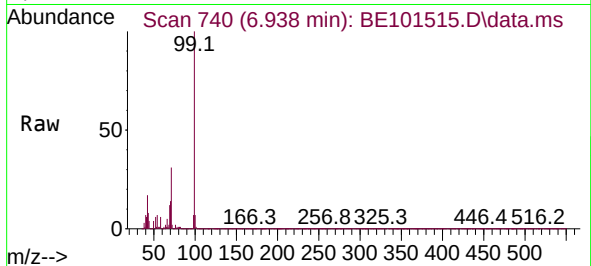




#7
Phenol-d6
Concen: 146.494 ng
RT: 6.938 min Scan# 741
Delta R.T. -0.008 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

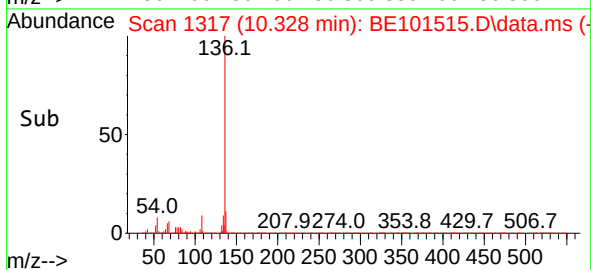
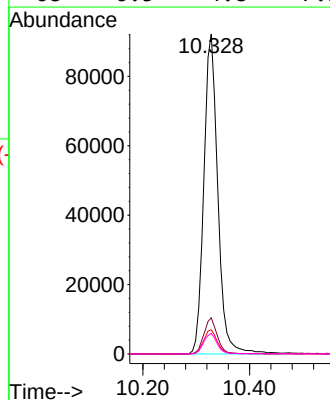
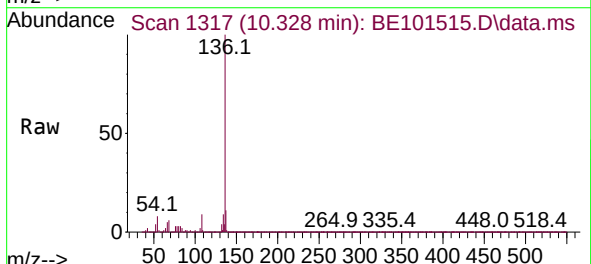
Instrument :
BNA_E
ClientSampleId :
BP-F25

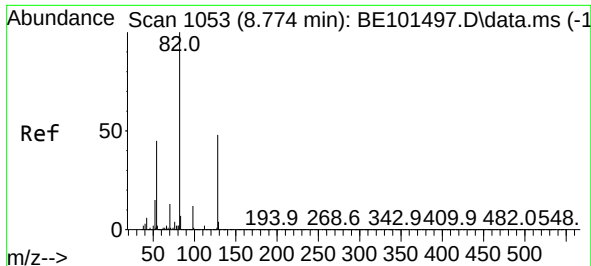
Tgt Ion: 99 Resp: 465588
Ion Ratio Lower Upper
99 100
42 16.8 12.5 18.7
71 31.3 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

Tgt Ion: 136 Resp: 167334
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.6 5.6 8.4
68 6.5 4.8 7.2

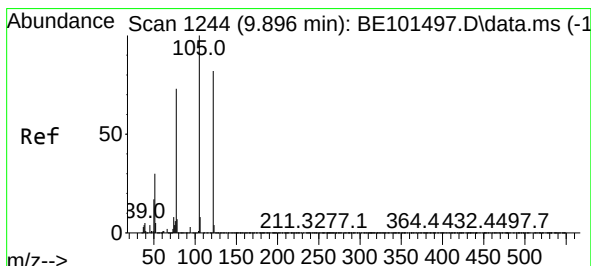
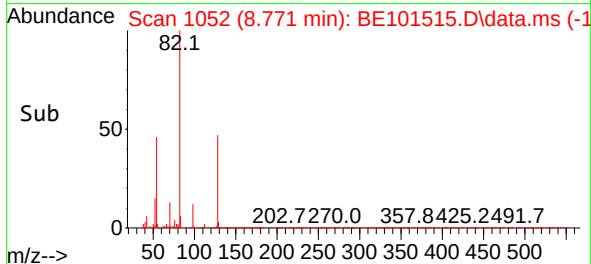
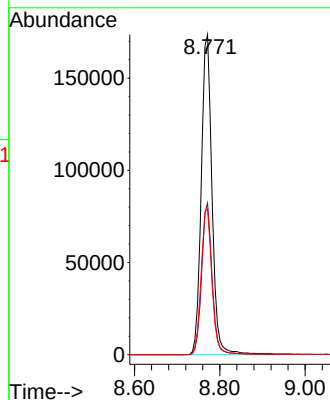
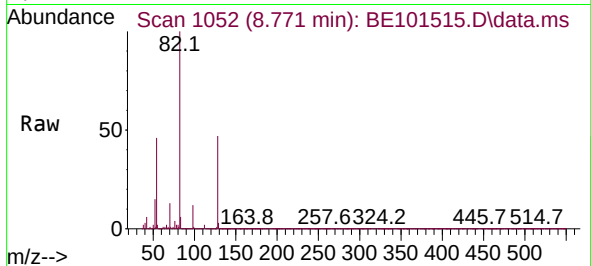




#23
Nitrobenzene-d5
Concen: 114.805 ng
RT: 8.771 min Scan# 1053
Delta R.T. -0.003 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

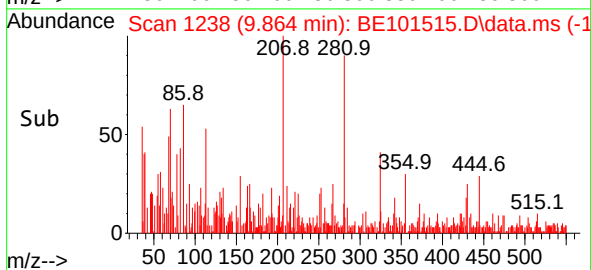
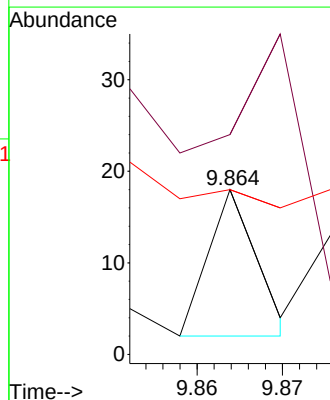
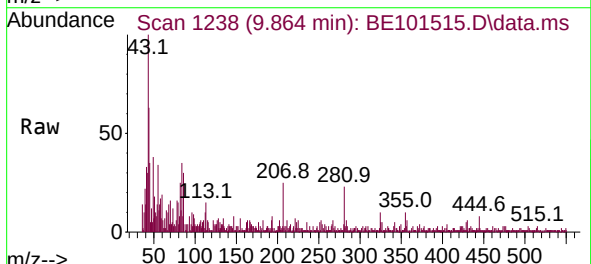
Instrument :
BNA_E
ClientSampleId :
BP-F25

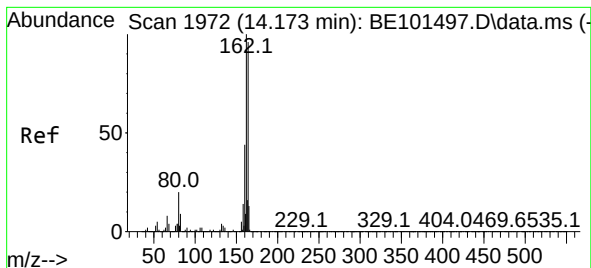
Tgt Ion: 82 Resp: 304136
Ion Ratio Lower Upper
82 100
128 47.4 38.6 58.0
54 45.6 36.3 54.5



#32
Benzoic acid
Concen: 6.837 ng
RT: 9.864 min Scan# 1238
Delta R.T. -0.032 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

Tgt Ion: 122 Resp: 6
Ion Ratio Lower Upper
122 100
105 133.3 100.6 140.6
77 100.0 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.171 min Scan# 1972

Delta R.T. -0.003 min

Lab File: BE101515.D

Acq: 7 Nov 2024 3:02

Instrument :

BNA_E

ClientSampleId :

BP-F25

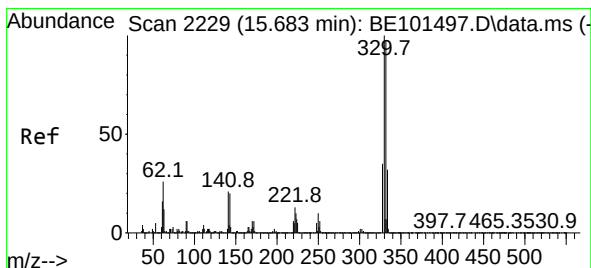
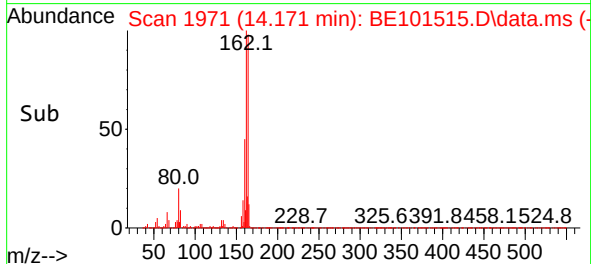
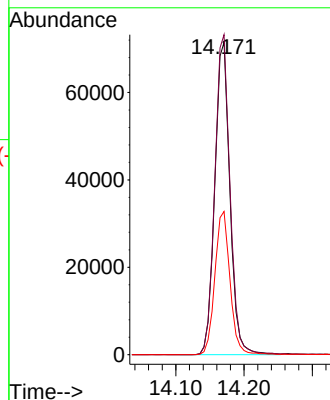
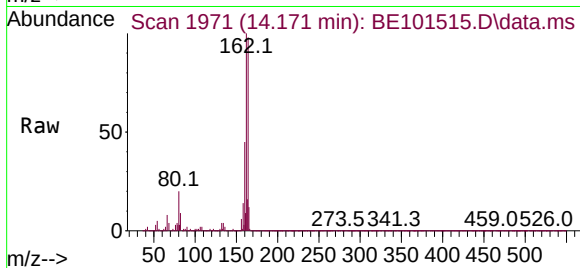
Tgt Ion:164 Resp: 110005

Ion Ratio Lower Upper

164 100

162 102.4 83.7 125.5

160 45.8 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 172.479 ng

RT: 15.675 min Scan# 2227

Delta R.T. -0.008 min

Lab File: BE101515.D

Acq: 7 Nov 2024 3:02

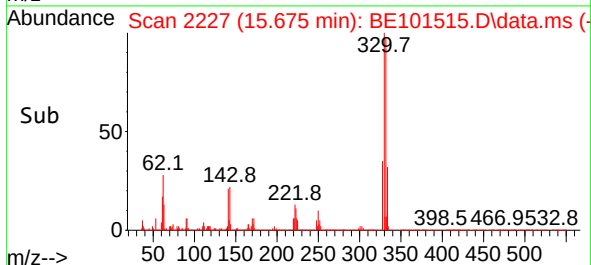
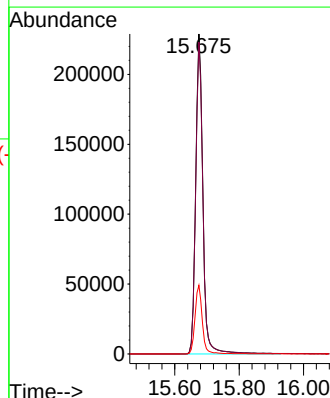
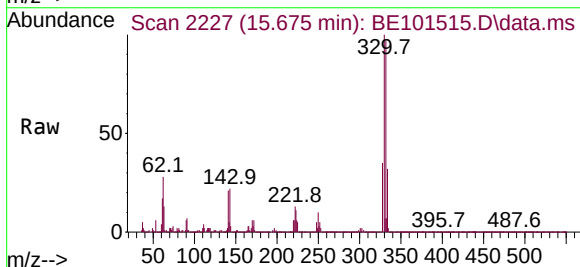
Tgt Ion:330 Resp: 357025

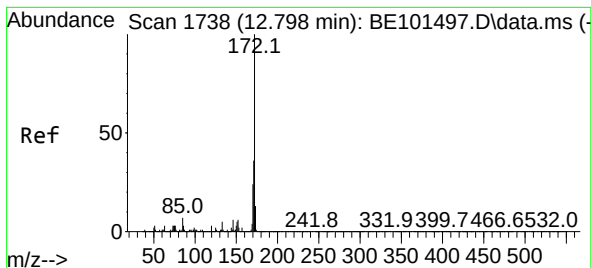
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 21.4 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 114.302 ng

RT: 12.790 min Scan# 1

Delta R.T. -0.008 min

Lab File: BE101515.D

Acq: 7 Nov 2024 3:02

Instrument :

BNA_E

ClientSampleId :

BP-F25

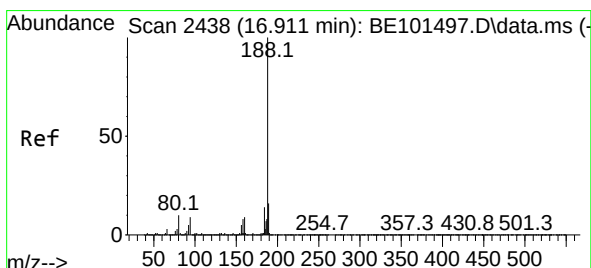
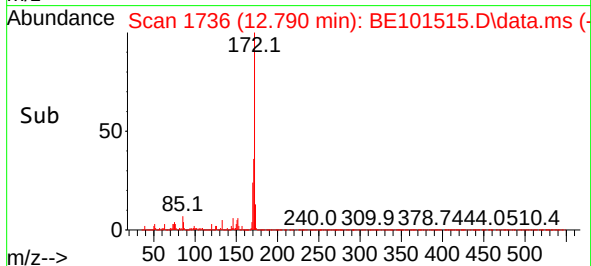
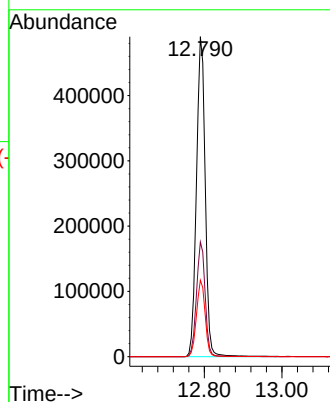
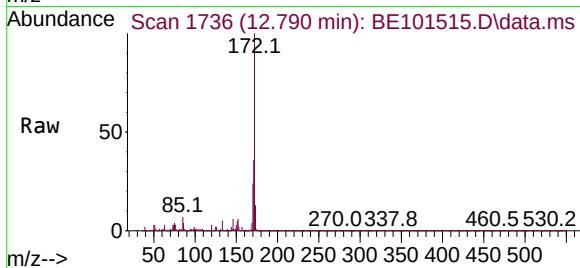
Tgt Ion:172 Resp: 770077

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 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: BE101515.D

Acq: 7 Nov 2024 3:02

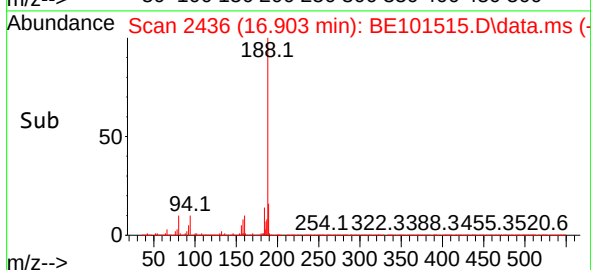
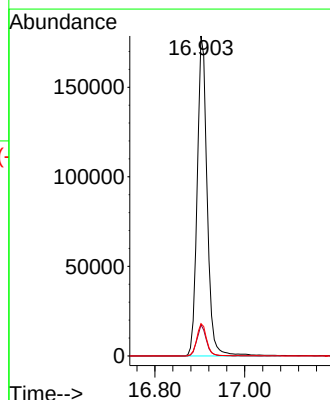
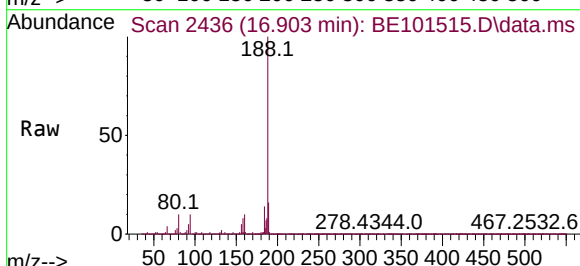
Tgt Ion:188 Resp: 274287

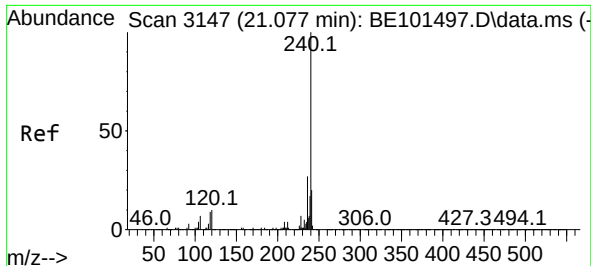
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.1 8.0 12.0

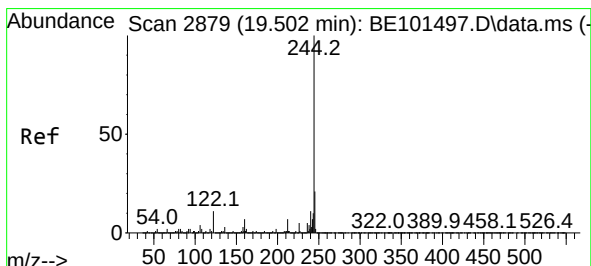
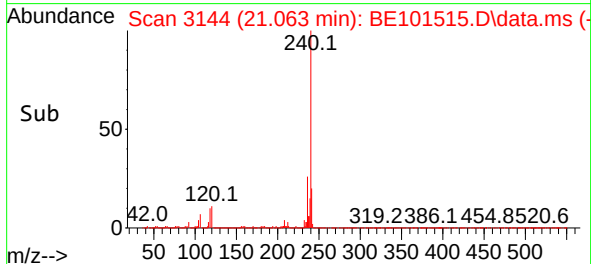
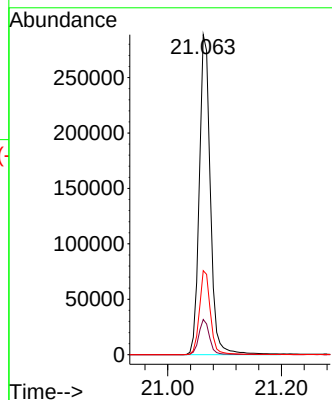
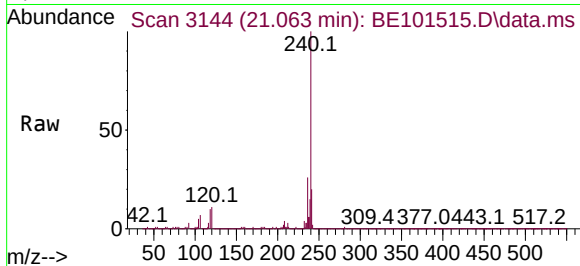




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.063 min Scan# 3147
Delta R.T. -0.014 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

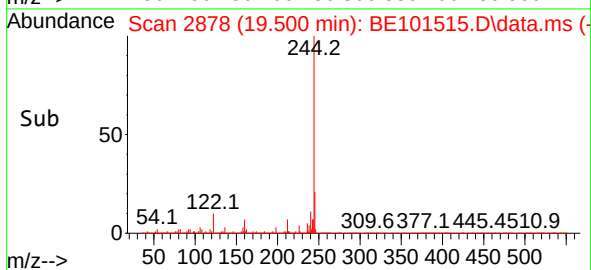
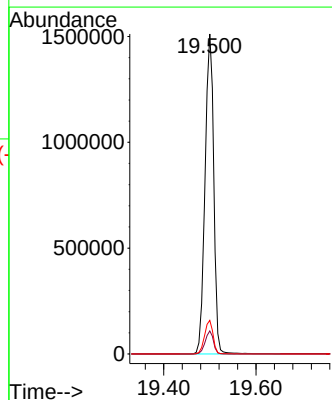
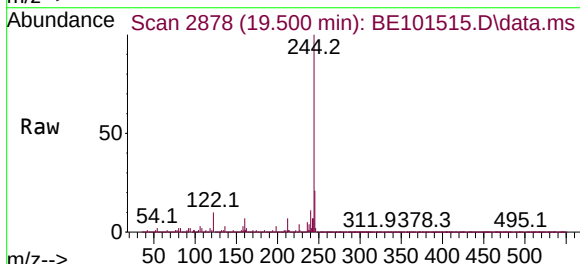
Instrument :
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BP-F25

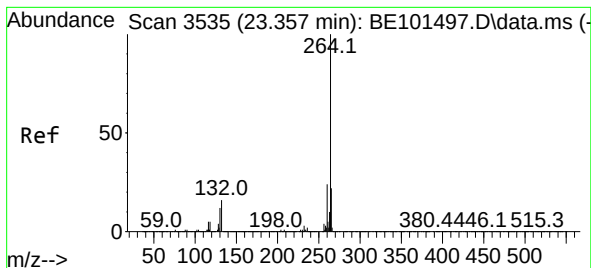
Tgt Ion:240 Resp: 392037
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.4
236 26.3 21.4 32.2



#79
Terphenyl-d14
Concen: 112.799 ng
RT: 19.500 min Scan# 2878
Delta R.T. -0.003 min
Lab File: BE101515.D
Acq: 7 Nov 2024 3:02

Tgt Ion:244 Resp: 1997749
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.348 min Scan# 3

Delta R.T. -0.008 min

Lab File: BE101515.D

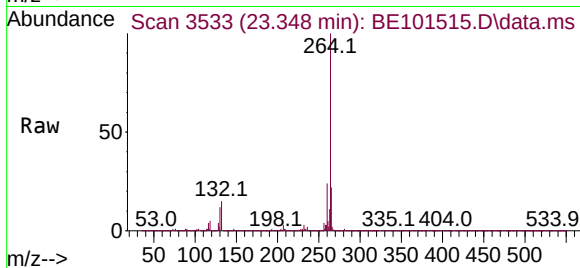
Acq: 7 Nov 2024 3:02

Instrument :

BNA_E

ClientSampleId :

BP-F25



Tgt Ion:264 Resp: 550173

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.6 17.4 26.2

