

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101532.D
 Acq On : 7 Nov 2024 15:43
 Operator : RC/JU
 Sample : P4680-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

Quant Time: Nov 07 15:34:16 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	7.564	152	50424	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	213877	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	136946	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	322849	20.000	ng	0.00
76) Chrysene-d12	21.066	240	397180	20.000	ng	-0.01
86) Perylene-d12	23.357	264	525596	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	488261	171.214	ng	0.00
7) Phenol-d6	6.947	99	588162	150.426	ng	0.00
23) Nitrobenzene-d5	8.774	82	376960	111.329	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	432794	167.951	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	956569	114.051	ng	0.00
79) Terphenyl-d14	19.503	244	2066972	115.196	ng	0.00

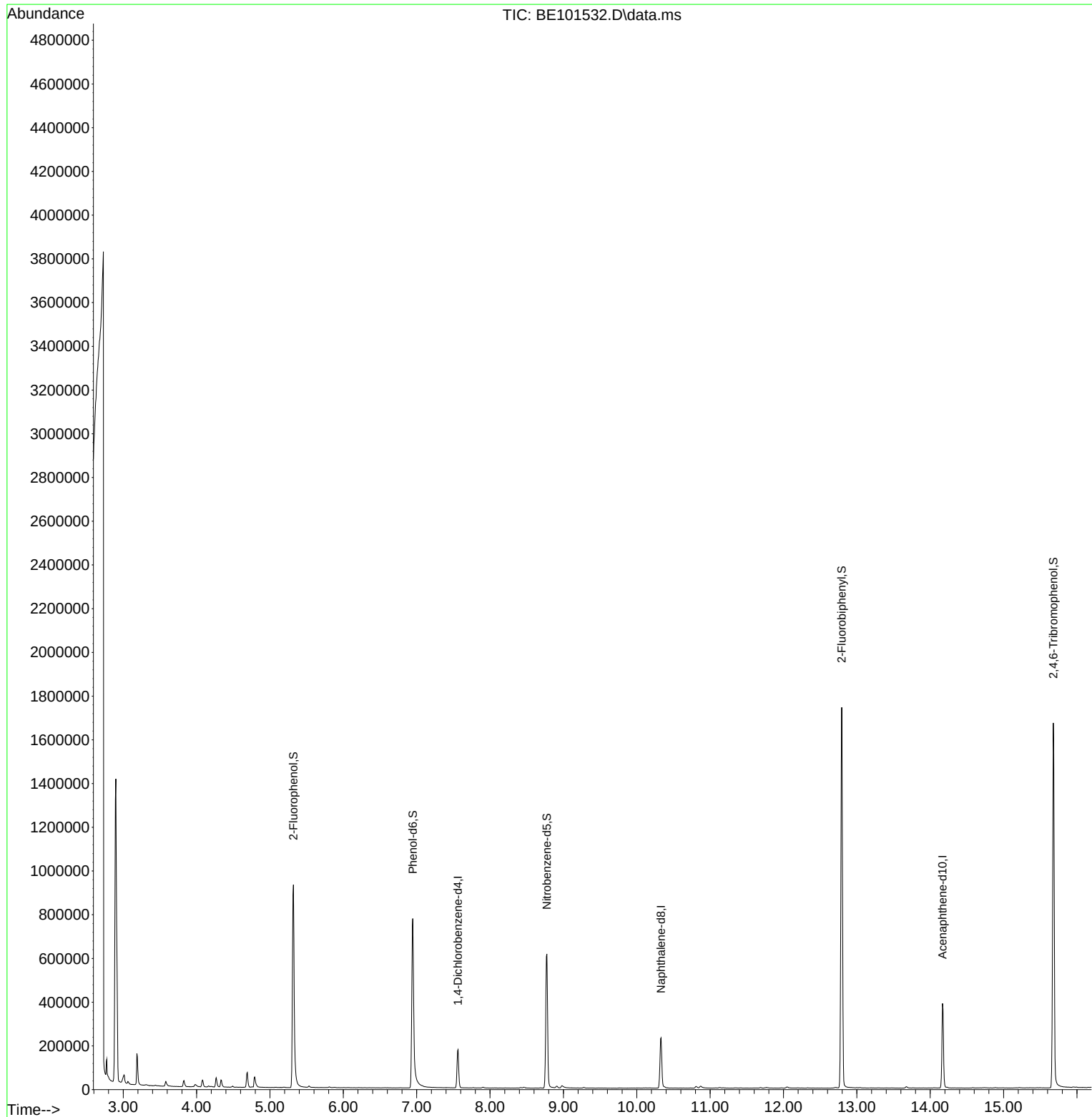
Target Compounds	Qvalue

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

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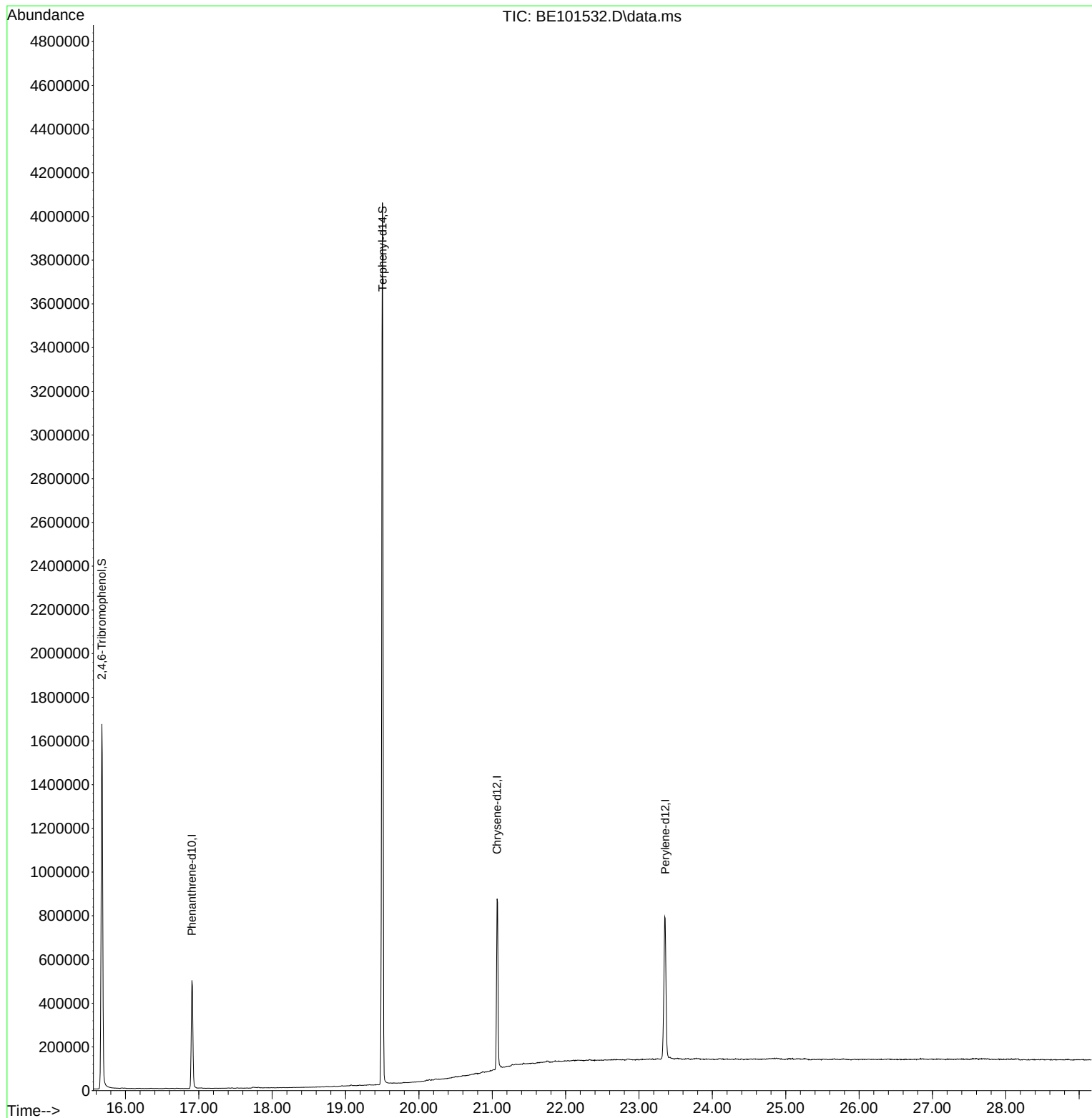
Quant Time: Nov 07 15:34:16 2024
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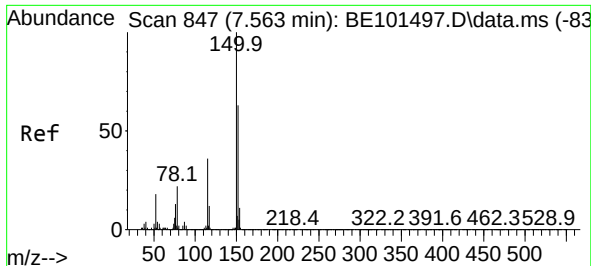


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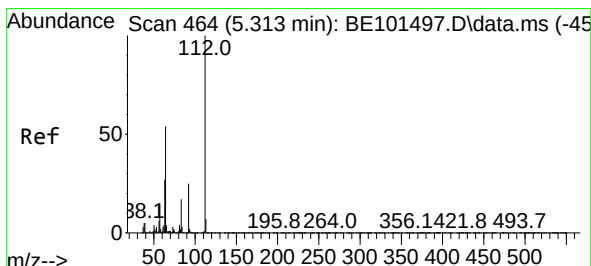
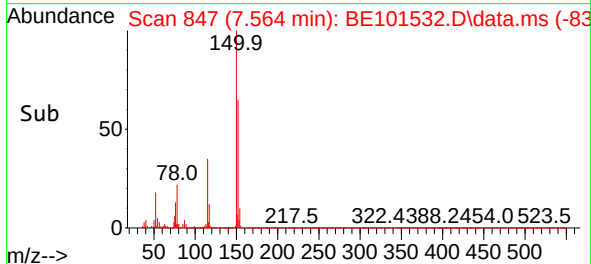
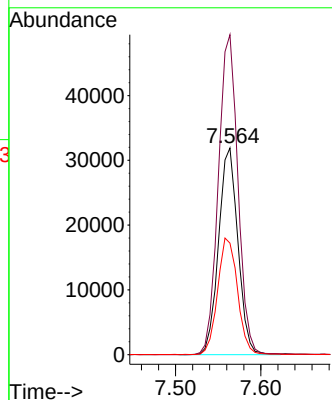
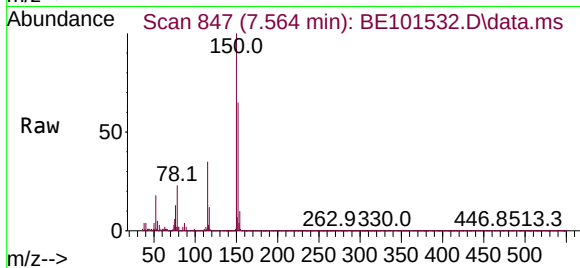




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.564 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BE101532.D
 Acq: 7 Nov 2024 15:43

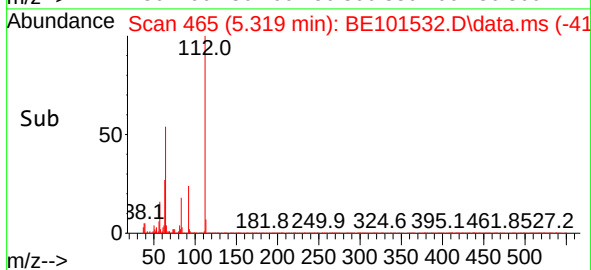
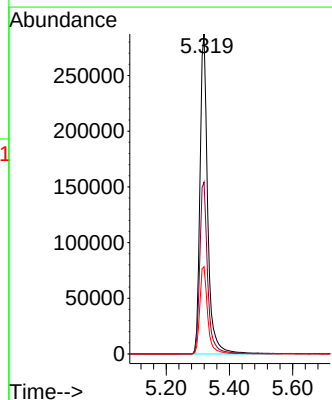
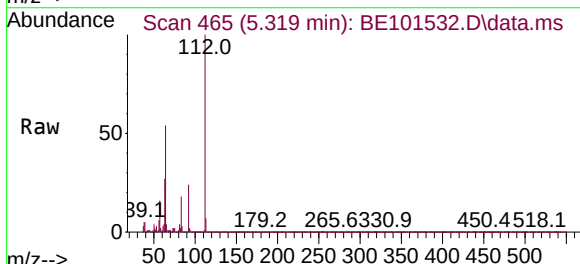
Instrument :
 BNA_E
 ClientSampleId :
 BP-F25

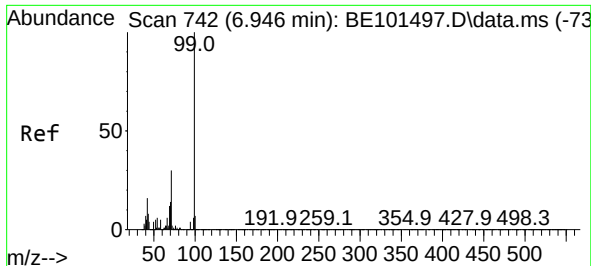
Tgt Ion:152 Resp: 50424
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.3 189.5
 115 54.0 45.0 67.4



#5
 2-Fluorophenol
 Concen: 171.214 ng
 RT: 5.319 min Scan# 465
 Delta R.T. 0.006 min
 Lab File: BE101532.D
 Acq: 7 Nov 2024 15:43

Tgt Ion:112 Resp: 488261
 Ion Ratio Lower Upper
 112 100
 64 53.7 43.2 64.8
 63 27.3 21.8 32.6



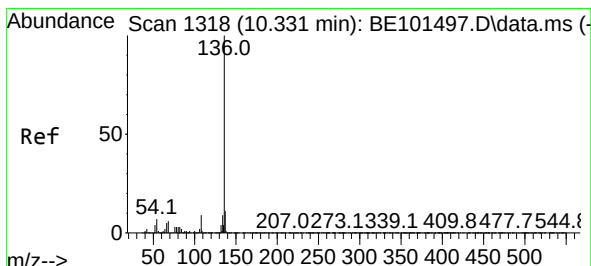
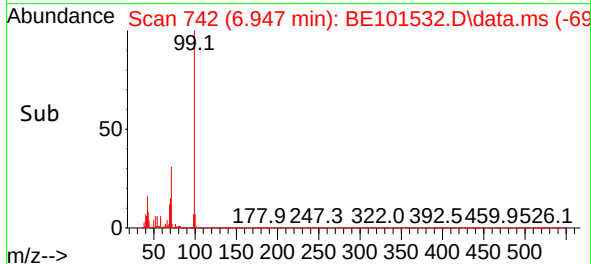
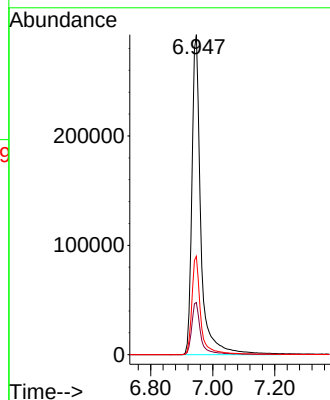
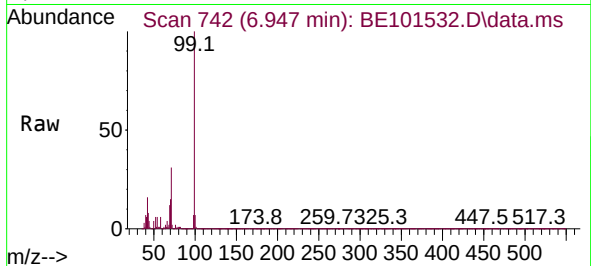


#7
Phenol-d6
Concen: 150.426 ng
RT: 6.947 min Scan# 742
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Instrument :
BNA_E
ClientSampleId :
BP-F25

Tgt Ion: 99 Resp: 588162

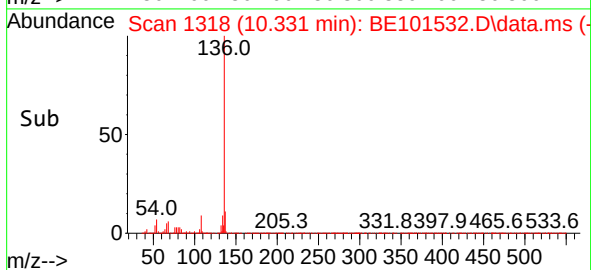
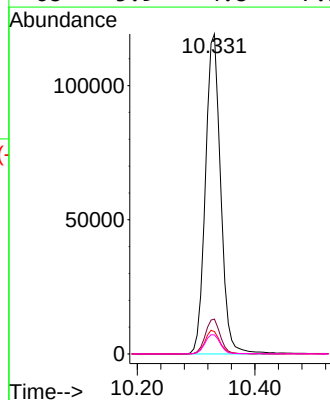
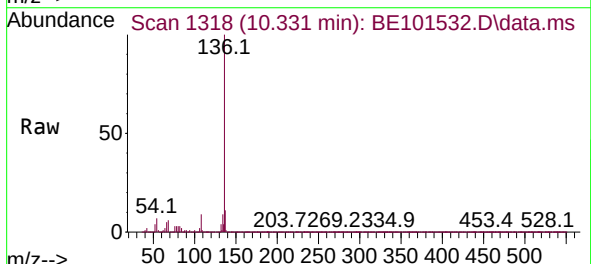
Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.5	18.7
71	30.7	24.2	36.2

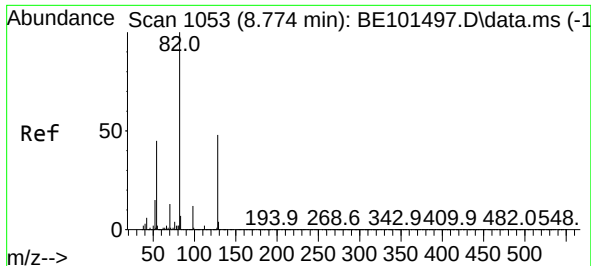


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion: 136 Resp: 213877

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	5.6	8.4
68	5.9	4.8	7.2

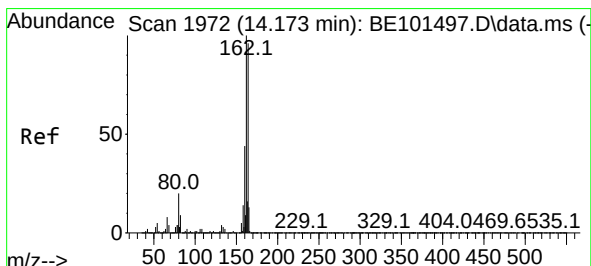
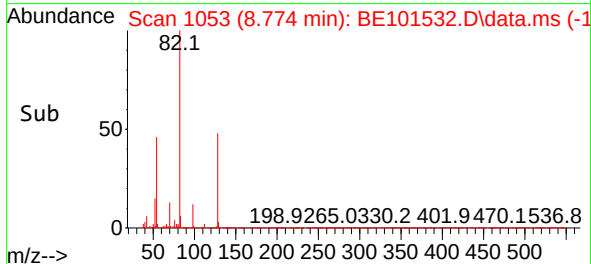
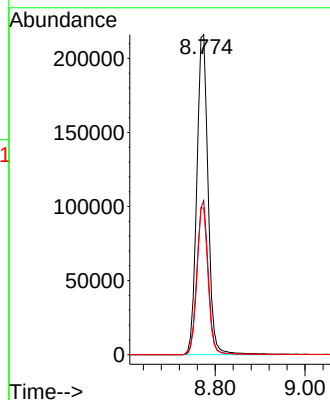
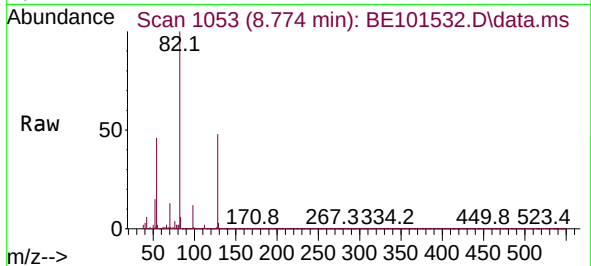




#23
Nitrobenzene-d5
Concen: 111.329 ng
RT: 8.774 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

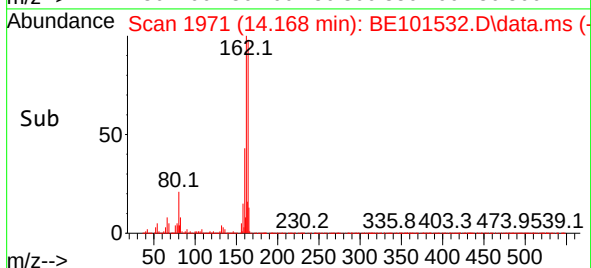
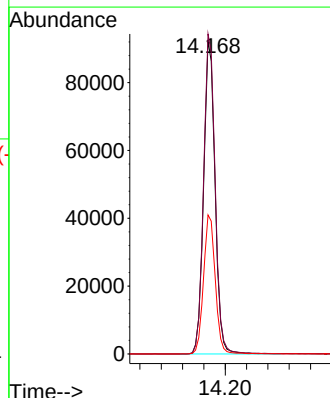
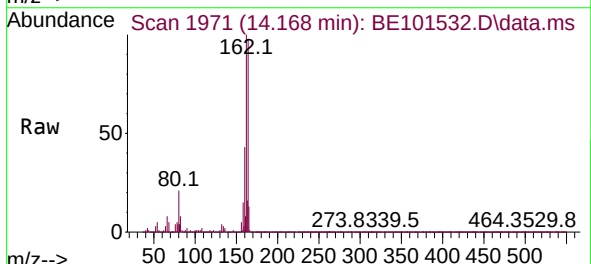
Instrument :
BNA_E
ClientSampleId :
BP-F25

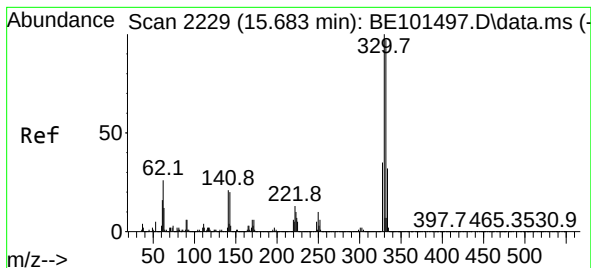
Tgt Ion: 82 Resp: 376960
Ion Ratio Lower Upper
82 100
128 48.2 38.6 58.0
54 45.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101532.D
Acq: 7 Nov 2024 15:43

Tgt Ion: 164 Resp: 136946
Ion Ratio Lower Upper
164 100
162 102.4 83.7 125.5
160 44.5 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 167.951 ng

RT: 15.678 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

BP-F25

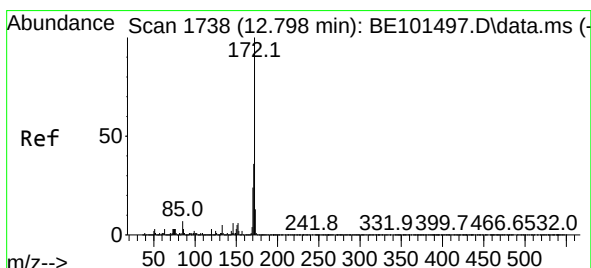
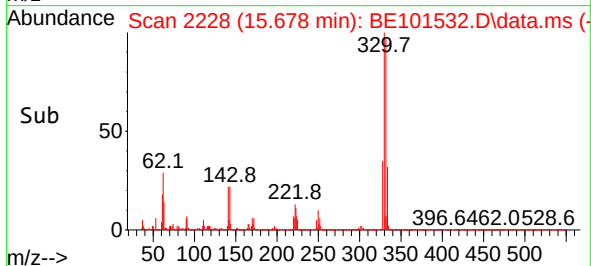
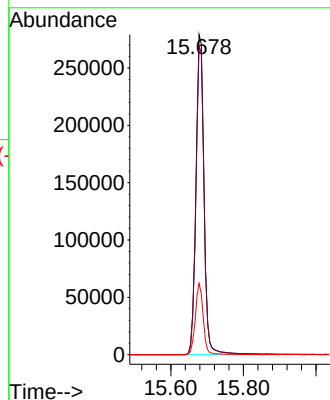
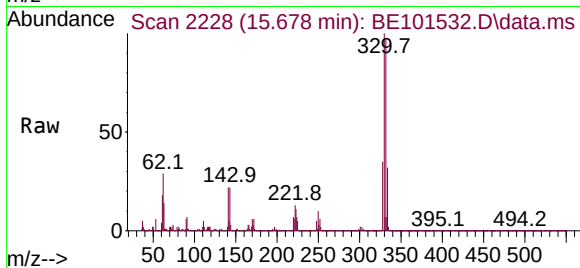
Tgt Ion:330 Resp: 432794

Ion Ratio Lower Upper

330 100

332 96.4 77.7 116.5

141 21.5 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 114.051 ng

RT: 12.793 min Scan# 1737

Delta R.T. -0.005 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

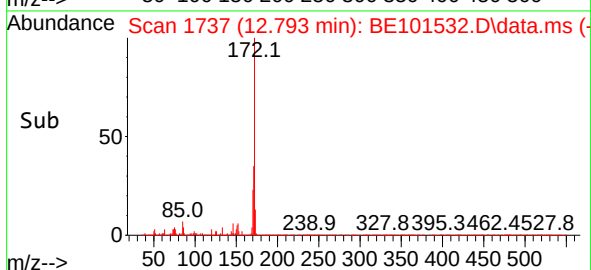
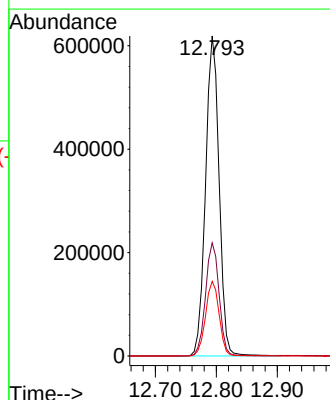
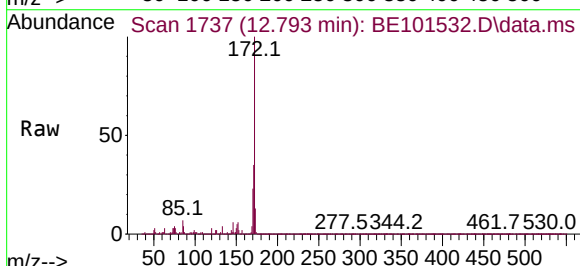
Tgt Ion:172 Resp: 956569

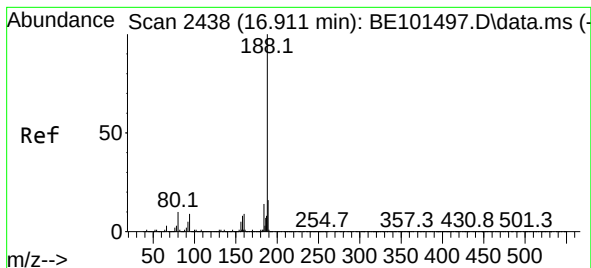
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.906 min Scan# 2438

Delta R.T. -0.005 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

BP-F25

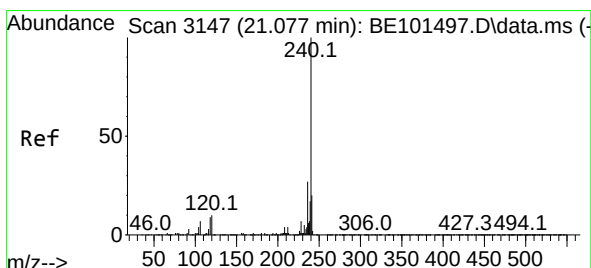
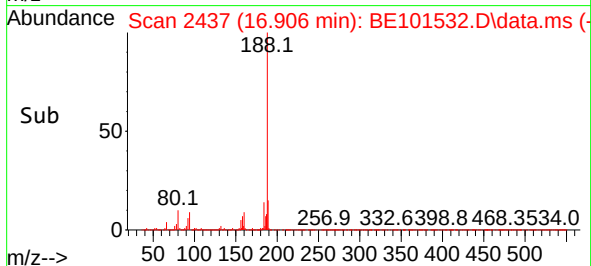
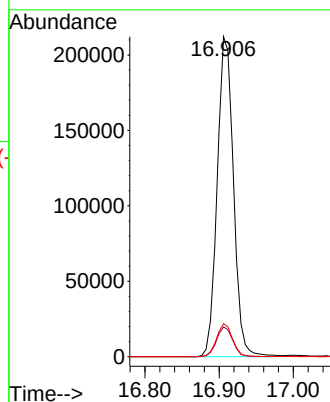
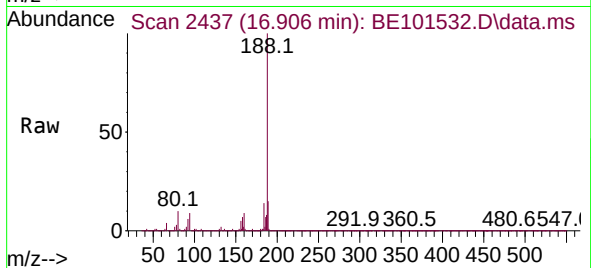
Tgt Ion:188 Resp: 322849

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.2

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

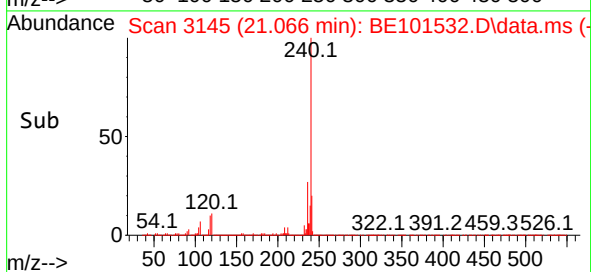
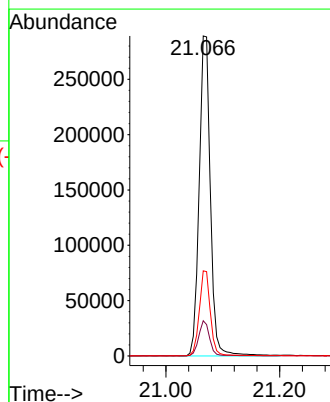
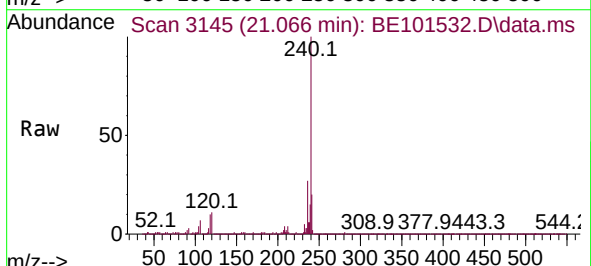
Tgt Ion:240 Resp: 397180

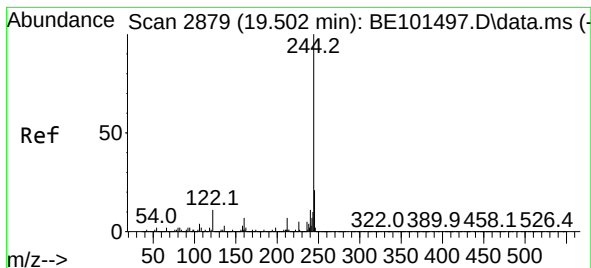
Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.4

236 26.6 21.4 32.2





#79

Terphenyl-d14

Concen: 115.196 ng

RT: 19.503 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

Instrument :

BNA_E

ClientSampleId :

BP-F25

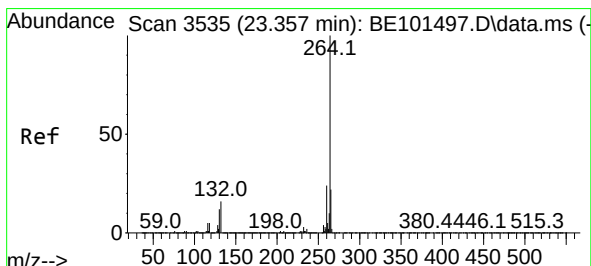
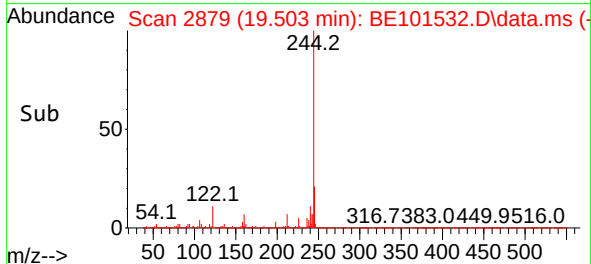
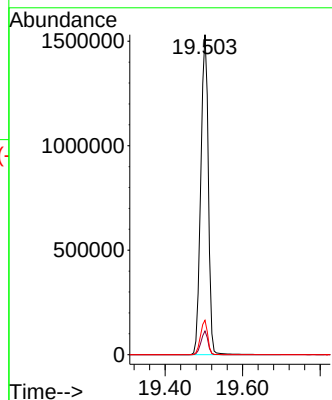
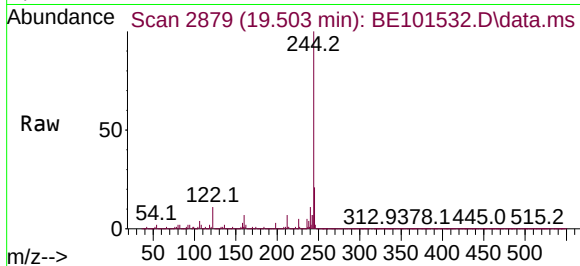
Tgt Ion:244 Resp: 2066972

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: 23.357 min Scan# 3535

Delta R.T. 0.001 min

Lab File: BE101532.D

Acq: 7 Nov 2024 15:43

Tgt Ion:264 Resp: 525596

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.6 17.4 26.2

