

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101426.D
 Acq On : 31 Oct 2024 10:57
 Operator : RC/JU
 Sample : PB164533BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164533BL

Quant Time: Oct 31 14:12:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	111412	20.000	ng	0.00
21) Naphthalene-d8	10.340	136	479387	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	322455	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	764639	20.000	ng	0.00
76) Chrysene-d12	21.075	240	978042	20.000	ng	0.00
86) Perylene-d12	23.361	264	1302952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	1015593	159.767	ng	0.00
7) Phenol-d6	6.944	99	1307959	148.392	ng	0.00
23) Nitrobenzene-d5	8.783	82	750895	98.382	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	850212	150.437	ng	0.00
45) 2-Fluorobiphenyl	12.802	172	1974331	103.692	ng	0.00
79) Terphenyl-d14	19.512	244	3819837	89.889	ng	0.00

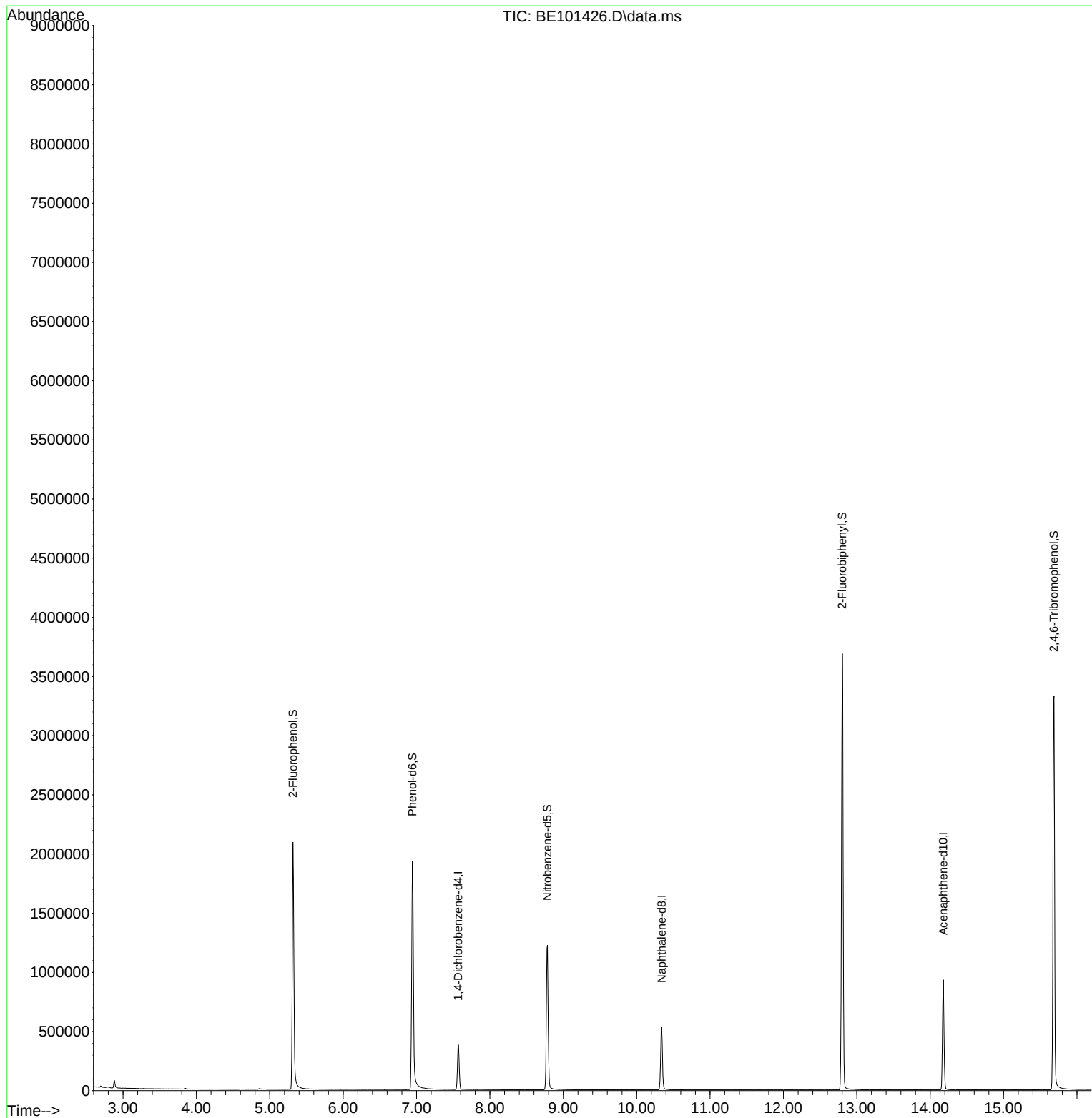
Target Compounds	Qvalue

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

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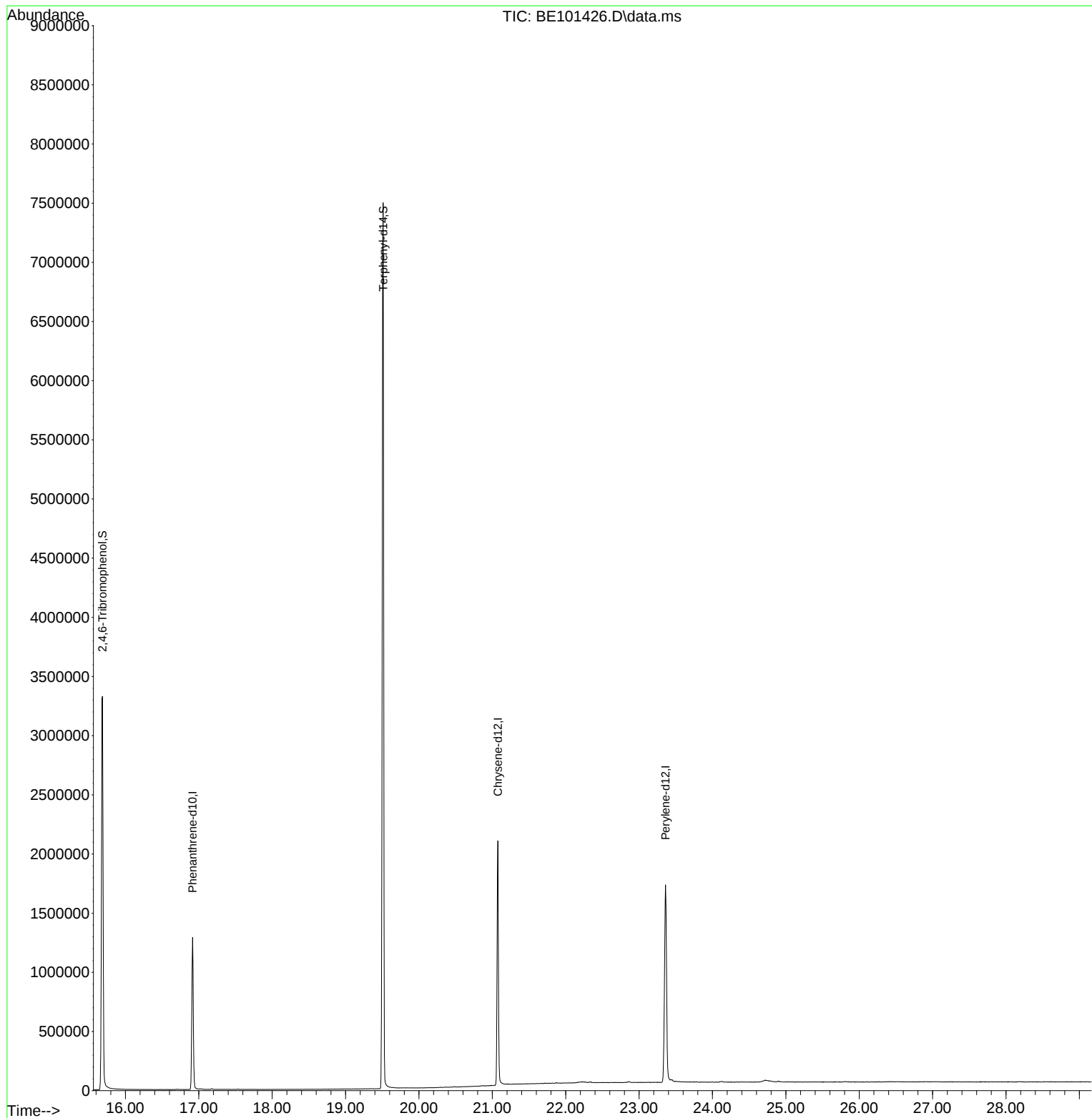
Quant Time: Oct 31 14:12:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

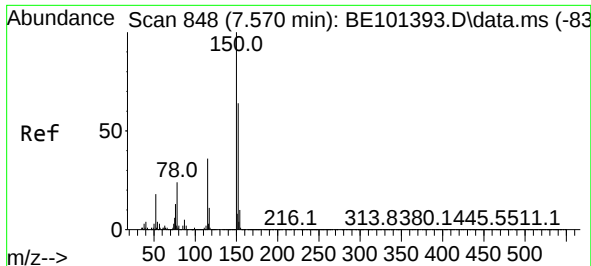


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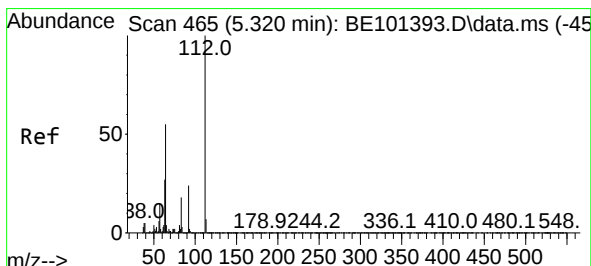
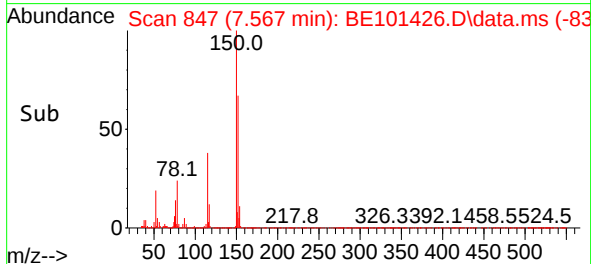
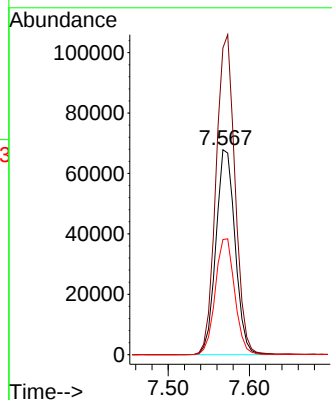
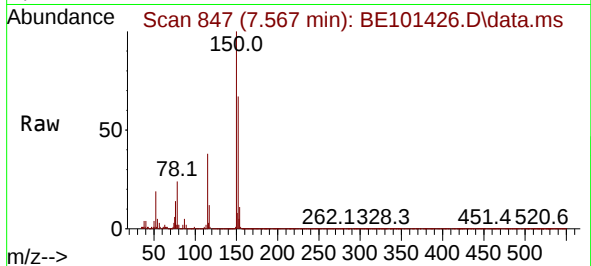




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101426.D
Acq: 31 Oct 2024 10:57

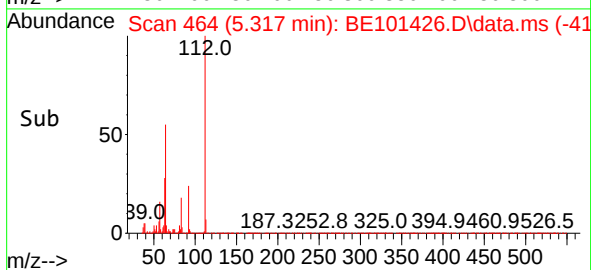
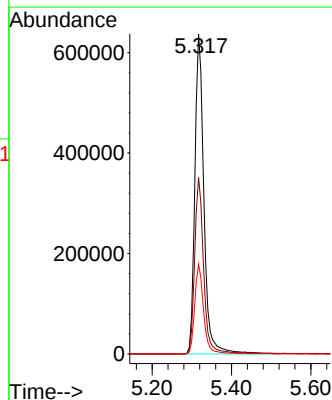
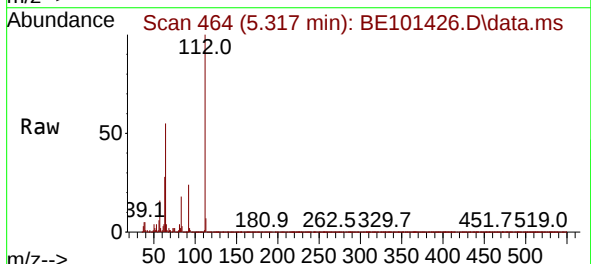
Instrument :
BNA_E
ClientSampleId :
PB164533BL

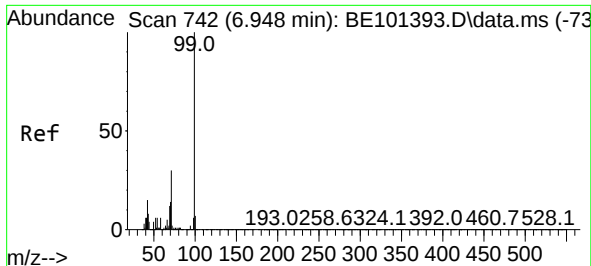
Tgt Ion:152 Resp: 111412
Ion Ratio Lower Upper
152 100
150 149.6 124.2 186.4
115 56.2 45.3 67.9



#5
2-Fluorophenol
Concen: 159.767 ng
RT: 5.317 min Scan# 464
Delta R.T. -0.003 min
Lab File: BE101426.D
Acq: 31 Oct 2024 10:57

Tgt Ion:112 Resp: 1015593
Ion Ratio Lower Upper
112 100
64 55.1 43.7 65.5
63 28.0 21.4 32.2

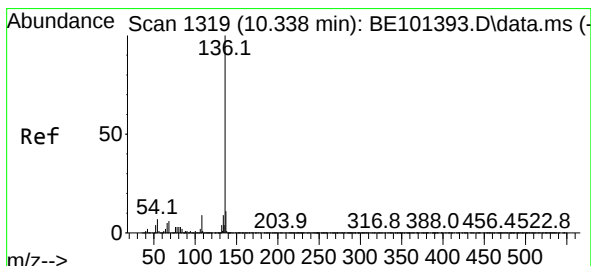
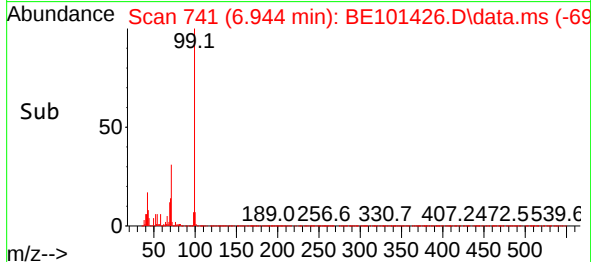
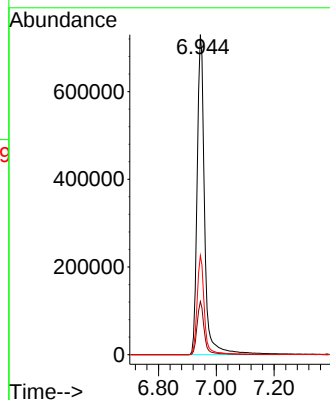
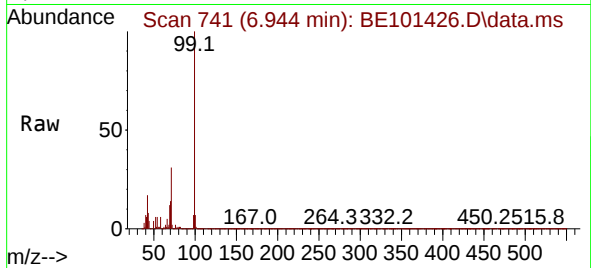




#7
Phenol-d6
Concen: 148.392 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.003 min
Lab File: BE101426.D
Acq: 31 Oct 2024 10:57

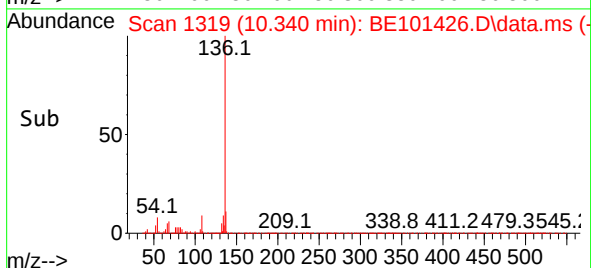
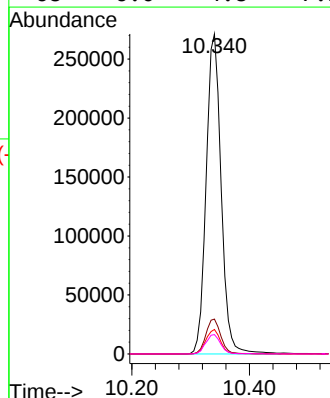
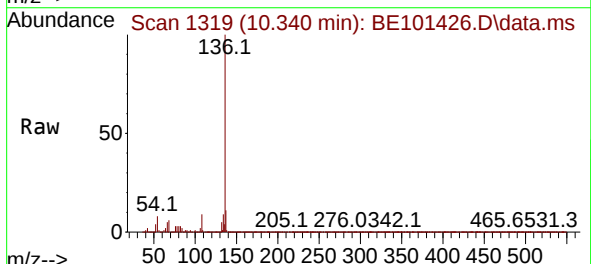
Instrument :
BNA_E
ClientSampleId :
PB164533BL

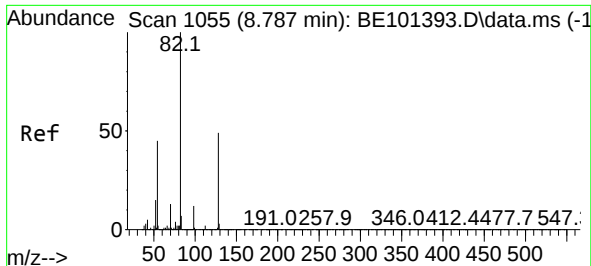
Tgt Ion: 99 Resp: 1307959
Ion Ratio Lower Upper
99 100
42 16.6 12.3 18.5
71 31.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.340 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BE101426.D
Acq: 31 Oct 2024 10:57

Tgt Ion:136 Resp: 479387
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.6 5.9 8.9
68 6.0 4.8 7.2

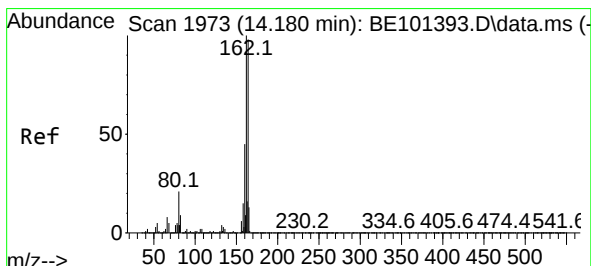
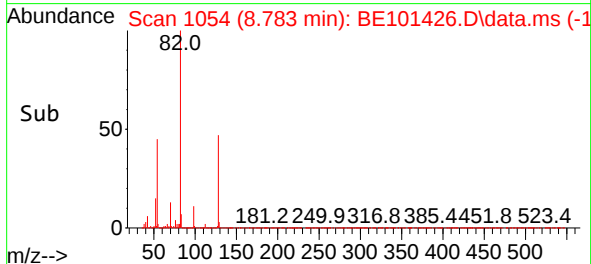
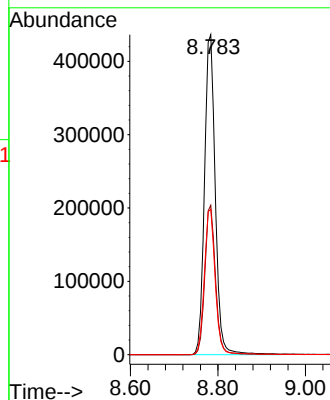
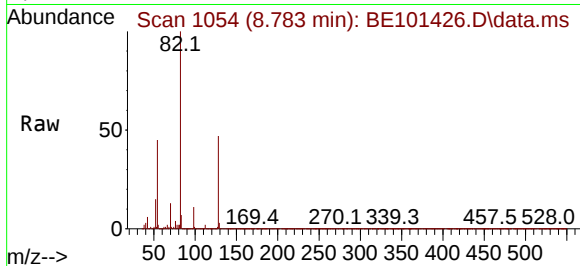




#23
 Nitrobenzene-d5
 Concen: 98.382 ng
 RT: 8.783 min Scan# 1054
 Delta R.T. -0.003 min
 Lab File: BE101426.D
 Acq: 31 Oct 2024 10:57

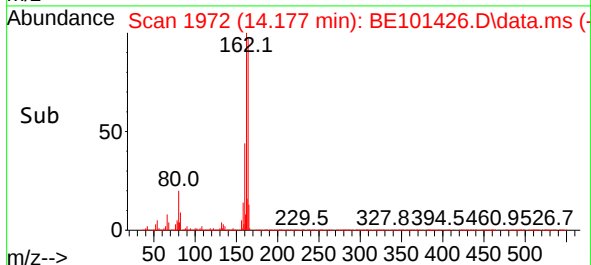
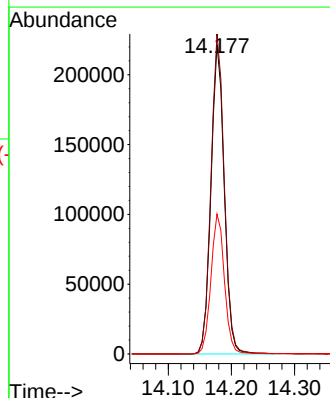
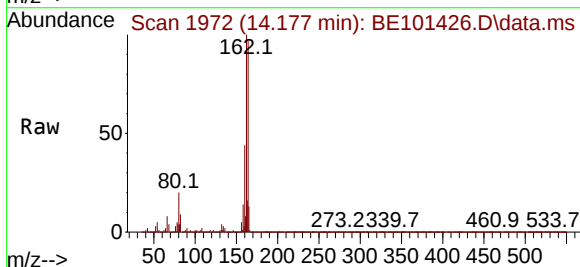
Instrument :
 BNA_E
 ClientSampleId :
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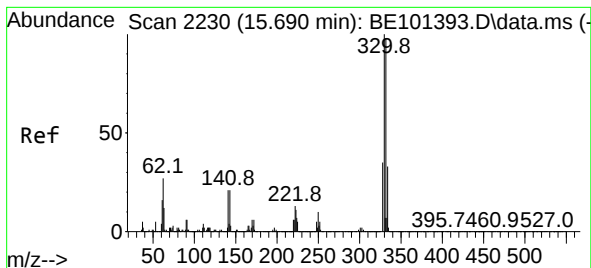
Tgt Ion: 82 Resp: 750895
 Ion Ratio Lower Upper
 82 100
 128 46.7 38.9 58.3
 54 45.5 36.2 54.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.177 min Scan# 1972
 Delta R.T. -0.003 min
 Lab File: BE101426.D
 Acq: 31 Oct 2024 10:57

Tgt Ion: 164 Resp: 322455
 Ion Ratio Lower Upper
 164 100
 162 103.4 81.3 121.9
 160 45.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 150.437 ng

RT: 15.687 min Scan# 21

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

Instrument :

BNA_E

ClientSampleId :

PB164533BL

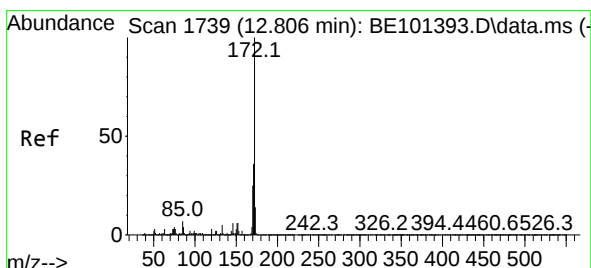
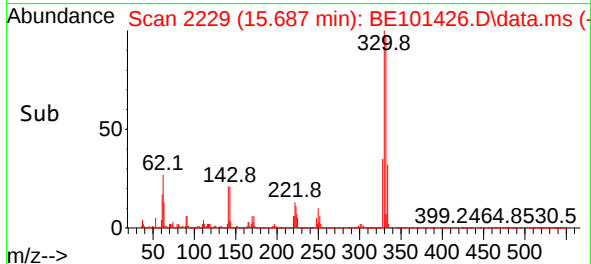
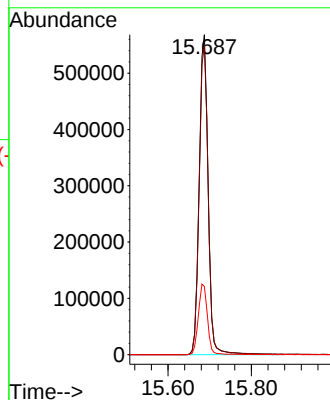
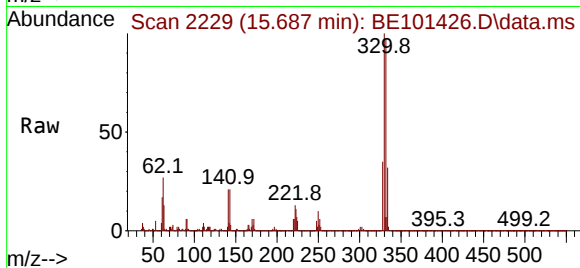
Tgt Ion:330 Resp: 850212

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

141 22.7 18.3 27.5



#45

2-Fluorobiphenyl

Concen: 103.692 ng

RT: 12.802 min Scan# 1738

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

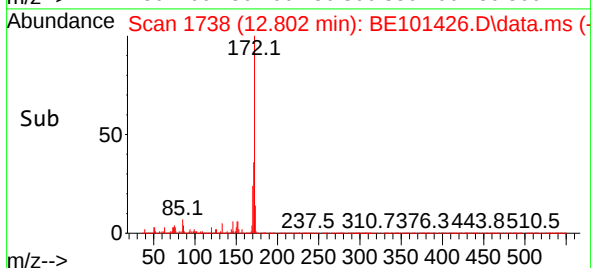
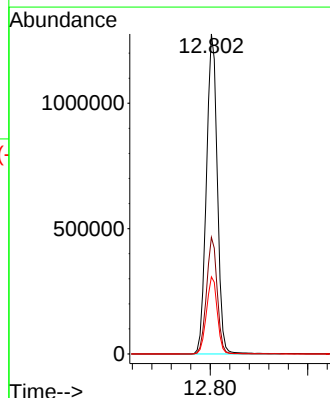
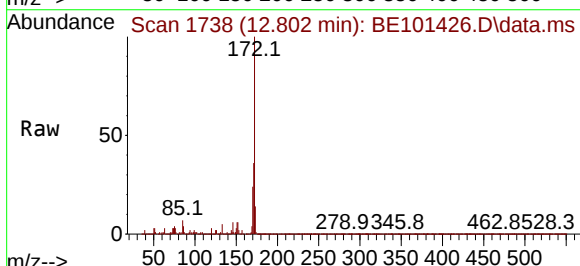
Tgt Ion:172 Resp: 1974331

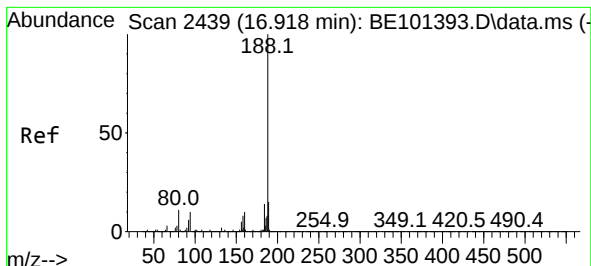
Ion Ratio Lower Upper

172 100

171 36.5 29.2 43.8

170 24.1 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.915 min Scan# 2439

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

Instrument :

BNA_E

ClientSampleId :

PB164533BL

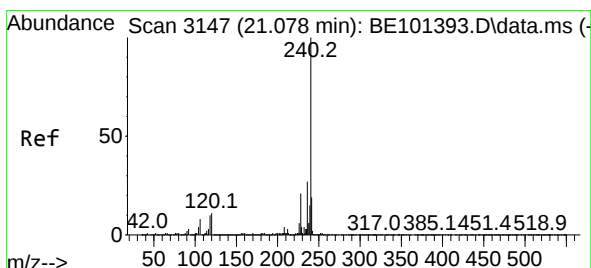
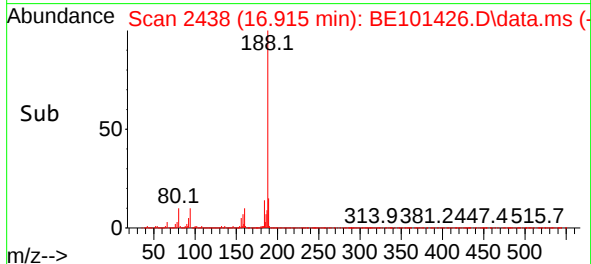
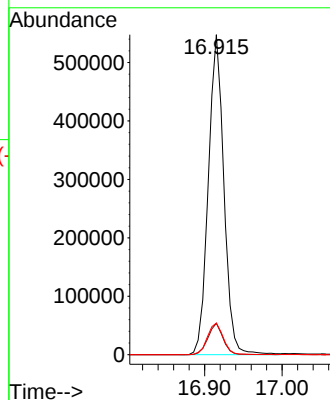
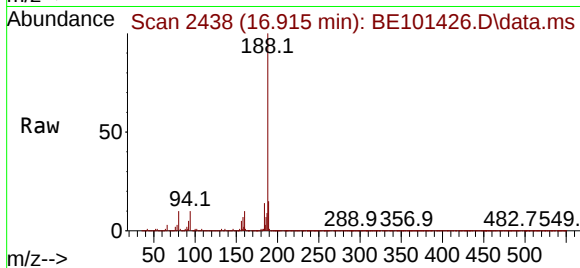
Tgt Ion:188 Resp: 764639

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 9.9 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.075 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

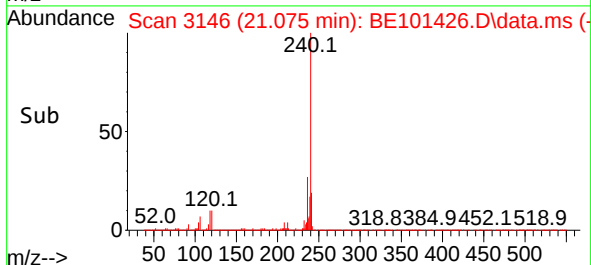
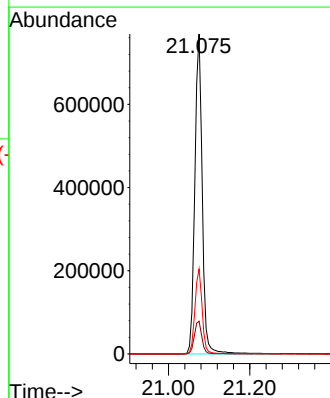
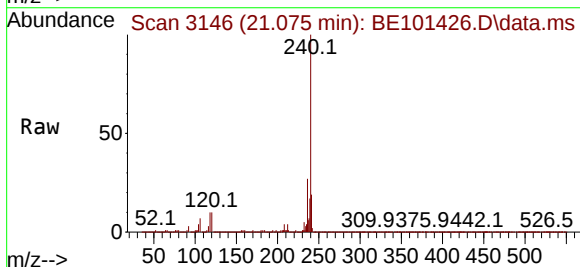
Tgt Ion:240 Resp: 978042

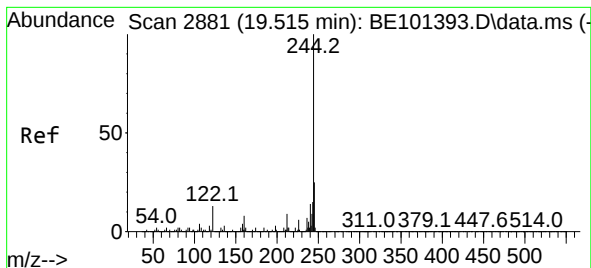
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 26.5 21.4 32.0





#79

Terphenyl-d14

Concen: 89.889 ng

RT: 19.512 min Scan# 21

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

Instrument :

BNA_E

ClientSampleId :

PB164533BL

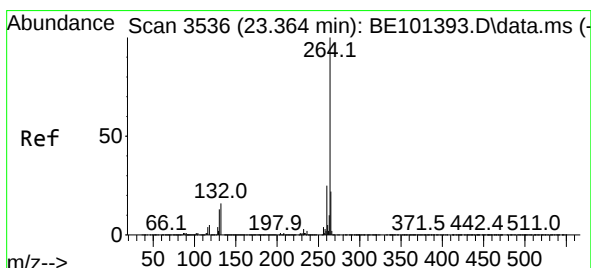
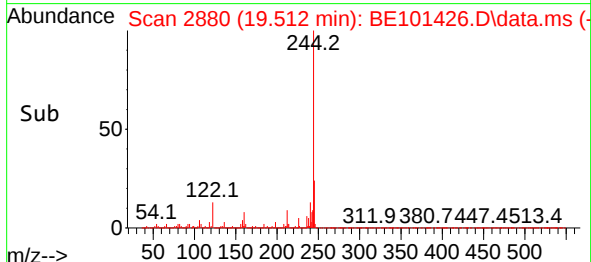
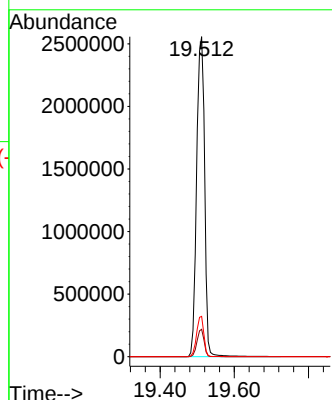
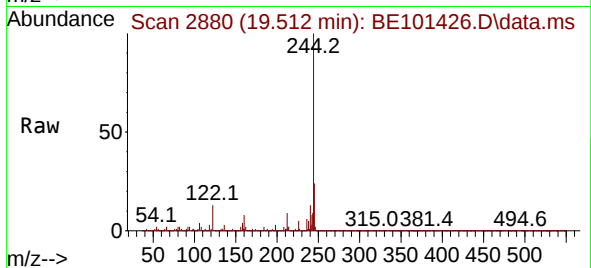
Tgt Ion:244 Resp: 3819837

Ion Ratio Lower Upper

244 100

212 8.6 7.2 10.8

122 12.6 10.4 15.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.361 min Scan# 3535

Delta R.T. -0.003 min

Lab File: BE101426.D

Acq: 31 Oct 2024 10:57

Tgt Ion:264 Resp: 1302952

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.0 17.6 26.4

