

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101542.D
 Acq On : 7 Nov 2024 21:38
 Operator : RC/JU
 Sample : P4701-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F3

Quant Time: Nov 08 00:00:13 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	7.560	152	51824	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	225065	20.000	ng	0.00
39) Acenaphthene-d10	14.170	164	122500	20.000	ng	0.00
64) Phenanthrene-d10	16.908	188	344504	20.000	ng	0.00
76) Chrysene-d12	21.068	240	355667	20.000	ng	0.00
86) Perylene-d12	23.348	264	161085	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	474568	161.917	ng	0.00
7) Phenol-d6	6.943	99	515248	128.218	ng	0.00
23) Nitrobenzene-d5	8.771	82	385664	108.237	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	446239	193.589	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	958354	127.739	ng	0.00
79) Terphenyl-d14	19.505	244	2076378	129.227	ng	0.00

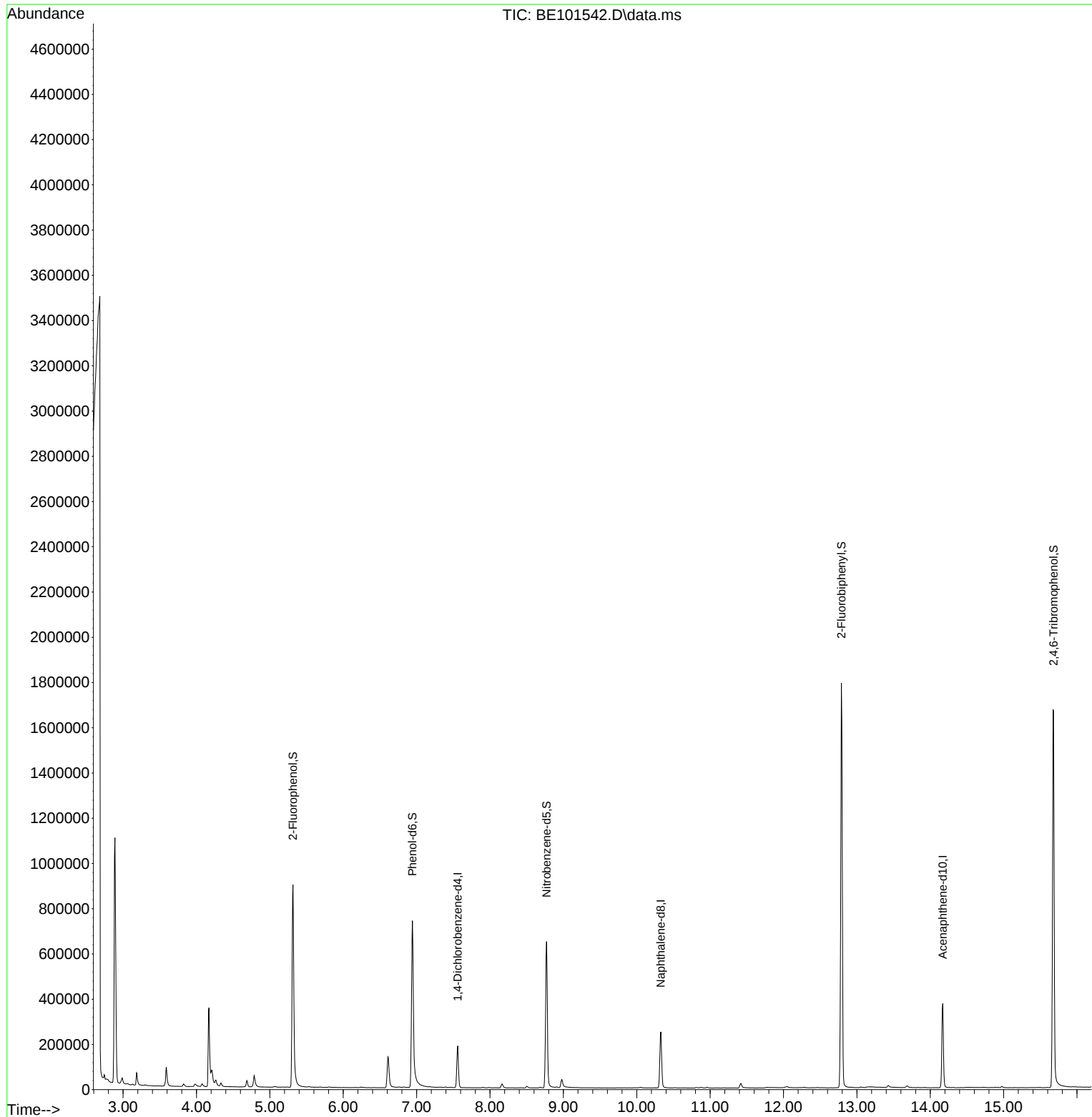
Target Compounds	Qvalue

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

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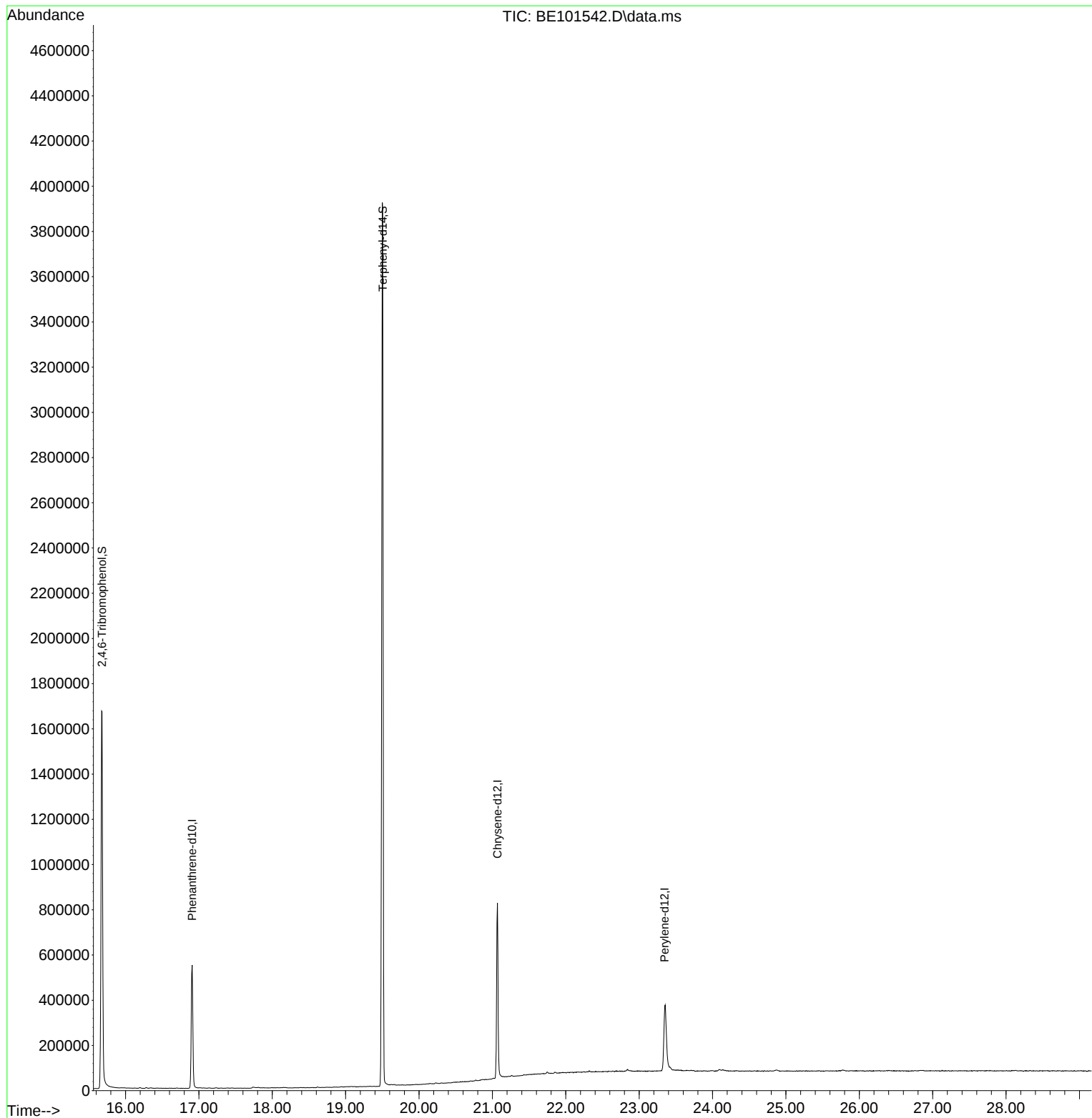
Quant Time: Nov 08 00:00:13 2024
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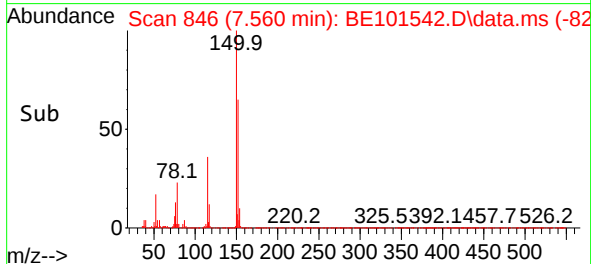
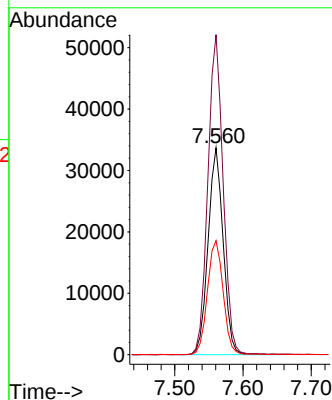
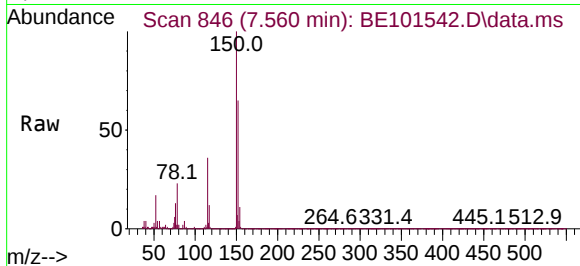




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.560 min Scan# 847
Delta R.T. -0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

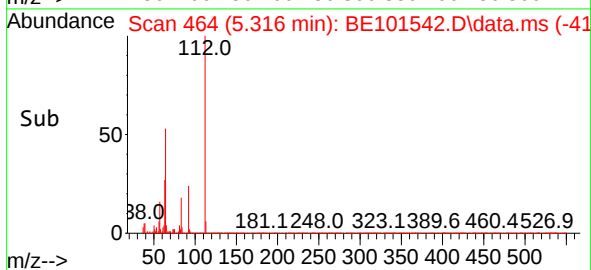
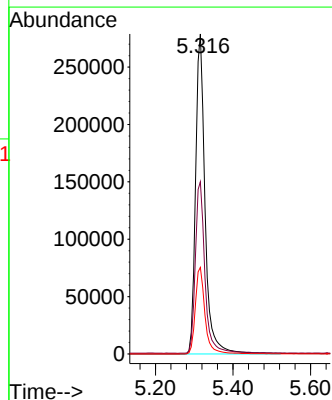
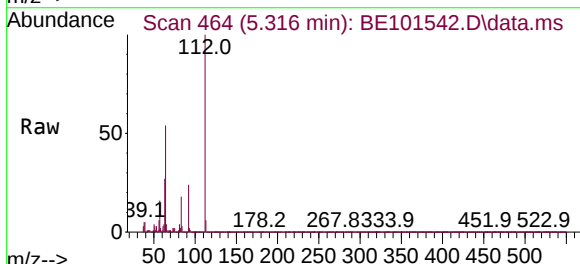
Instrument :
BNA_E
ClientSampleId :
BP-F3

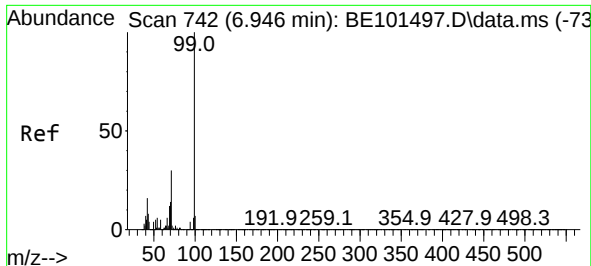
Tgt Ion:152 Resp: 51824
Ion Ratio Lower Upper
152 100
150 154.6 126.3 189.5
115 55.1 45.0 67.4



#5
2-Fluorophenol
Concen: 161.917 ng
RT: 5.316 min Scan# 464
Delta R.T. 0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

Tgt Ion:112 Resp: 474568
Ion Ratio Lower Upper
112 100
64 53.8 43.2 64.8
63 27.1 21.8 32.6

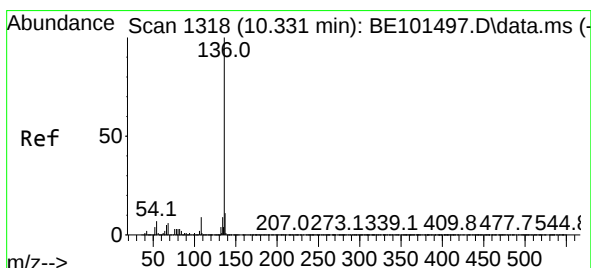
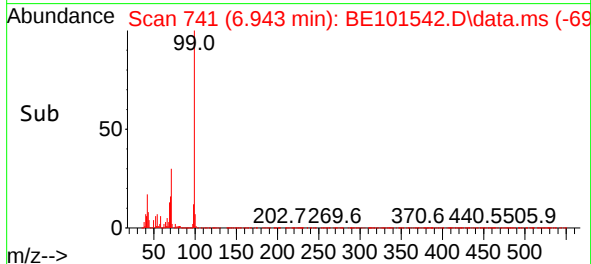
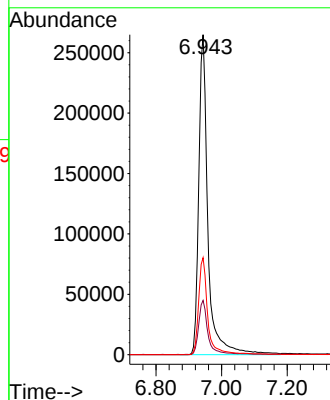
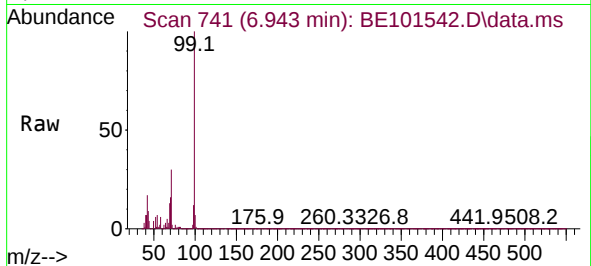




#7
Phenol-d6
Concen: 128.218 ng
RT: 6.943 min Scan# 741
Delta R.T. -0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

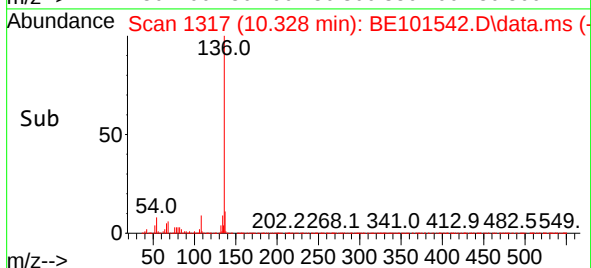
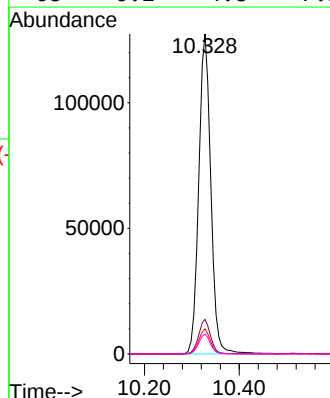
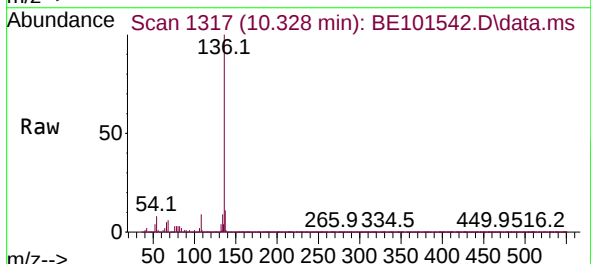
Instrument :
BNA_E
ClientSampleId :
BP-F3

Tgt Ion: 99 Resp: 515248
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 30.3 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: BE101542.D
Acq: 7 Nov 2024 21:38

Tgt Ion: 136 Resp: 225065
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.8 5.6 8.4
68 6.2 4.8 7.2

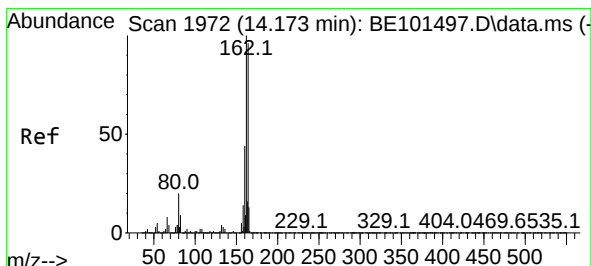
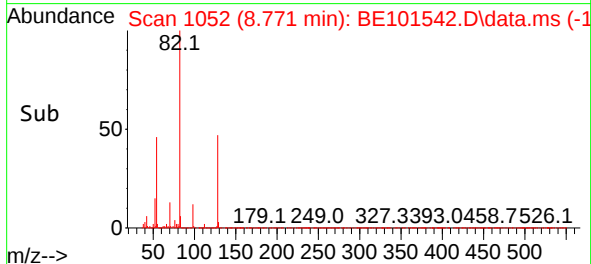
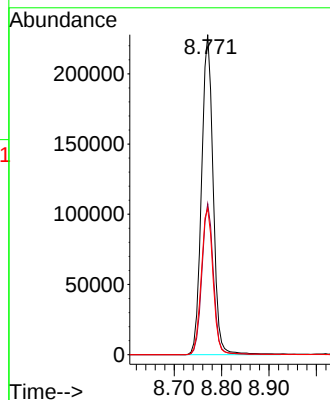
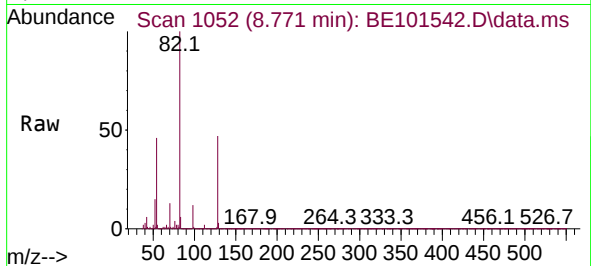




#23
Nitrobenzene-d5
Concen: 108.237 ng
RT: 8.771 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

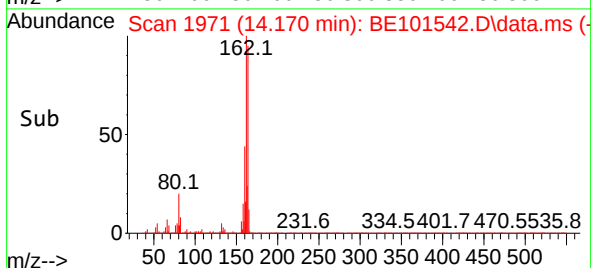
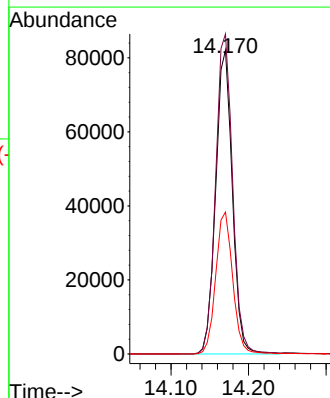
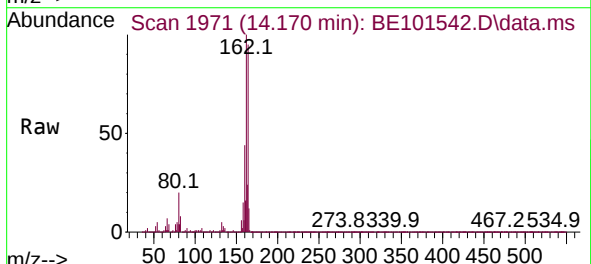
Instrument :
BNA_E
ClientSampleId :
BP-F3

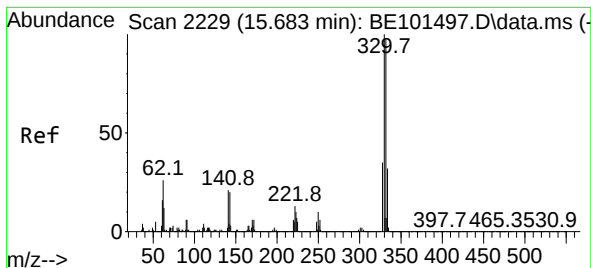
Tgt Ion: 82 Resp: 385664
Ion Ratio Lower Upper
82 100
128 47.2 38.6 58.0
54 45.6 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.170 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

Tgt Ion:164 Resp: 122500
Ion Ratio Lower Upper
164 100
162 105.3 83.7 125.5
160 46.7 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 193.589 ng

RT: 15.680 min Scan# 21

Delta R.T. -0.003 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

BP-F3

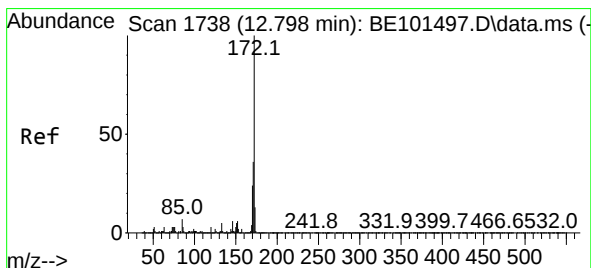
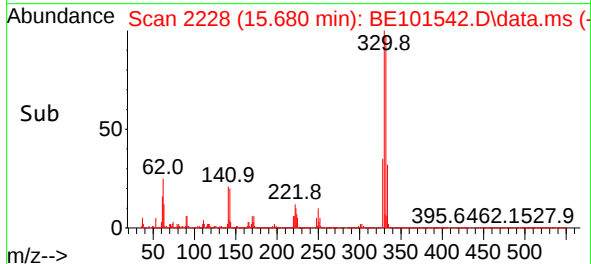
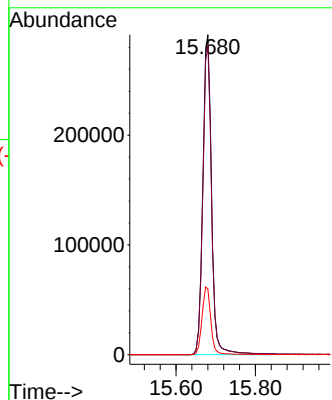
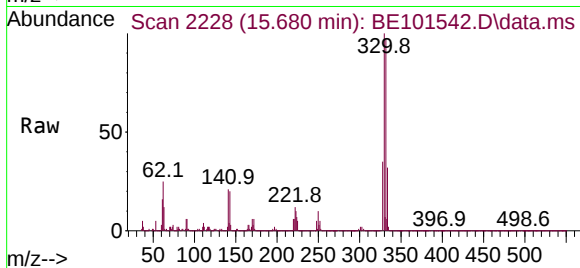
Tgt Ion:330 Resp: 446239

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 21.4 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 127.739 ng

RT: 12.790 min Scan# 1736

Delta R.T. -0.009 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

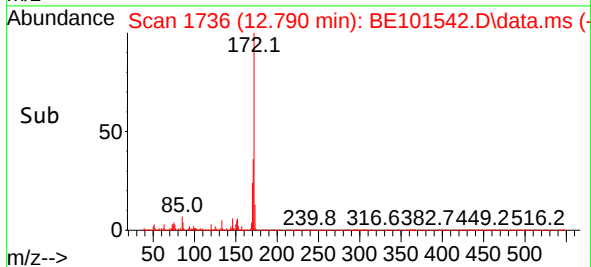
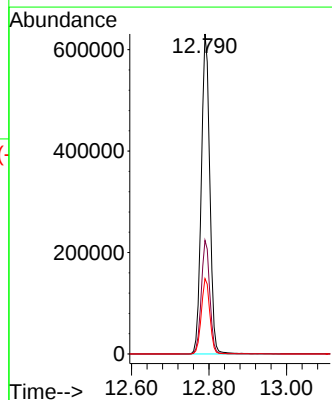
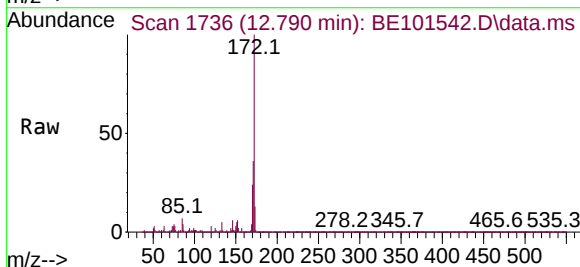
Tgt Ion:172 Resp: 958354

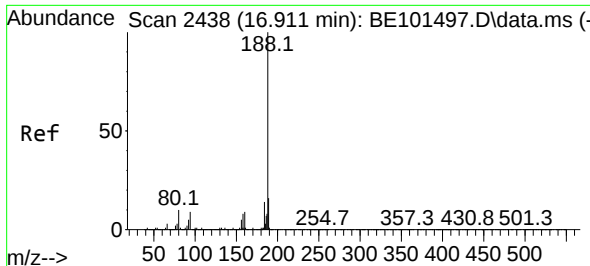
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.6 18.9 28.3

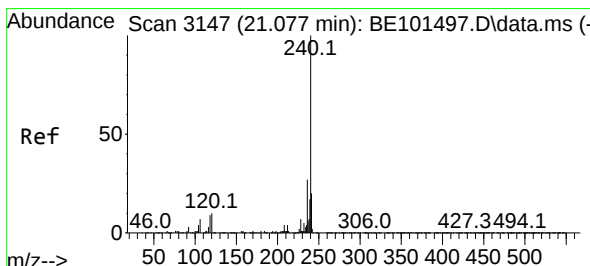
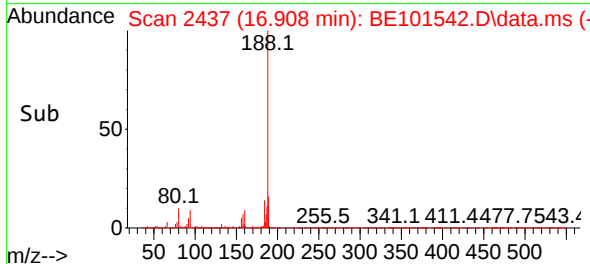
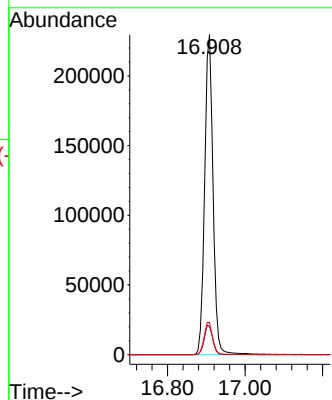
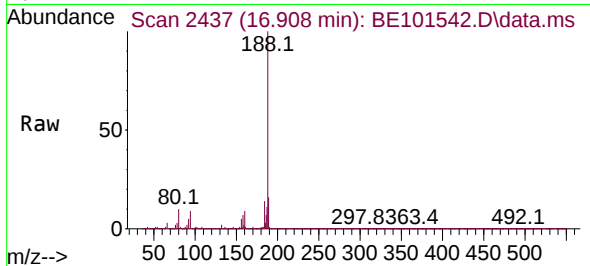




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.908 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

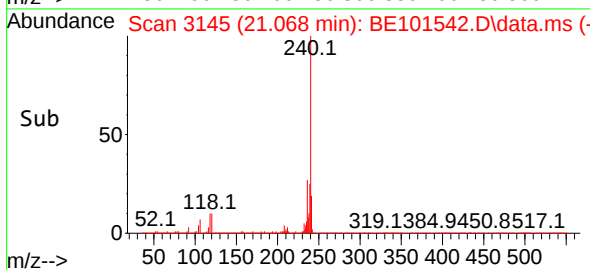
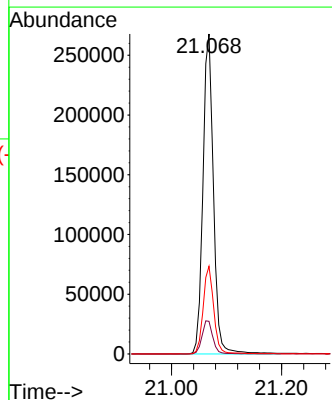
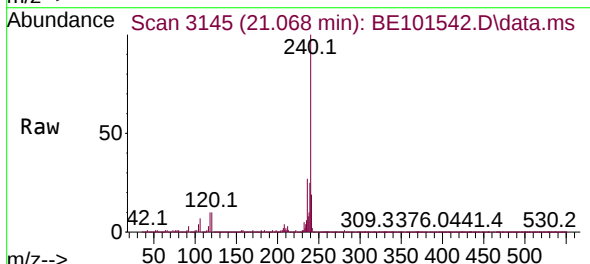
Instrument :
BNA_E
ClientSampleId :
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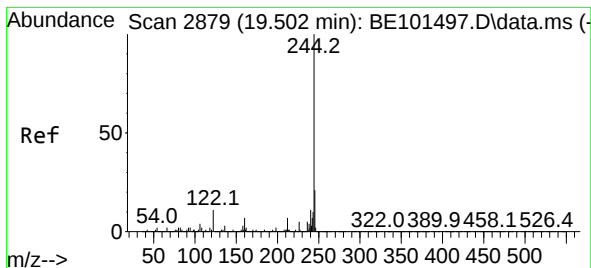
Tgt Ion:188 Resp: 344504
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BE101542.D
Acq: 7 Nov 2024 21:38

Tgt Ion:240 Resp: 355667
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 27.4 21.4 32.2





#79

Terphenyl-d14

Concen: 129.227 ng

RT: 19.505 min Scan# 21

Delta R.T. 0.003 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

Instrument :

BNA_E

ClientSampleId :

BP-F3

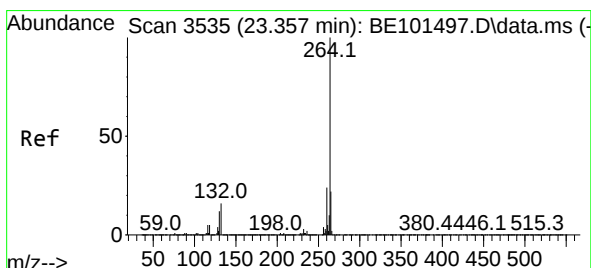
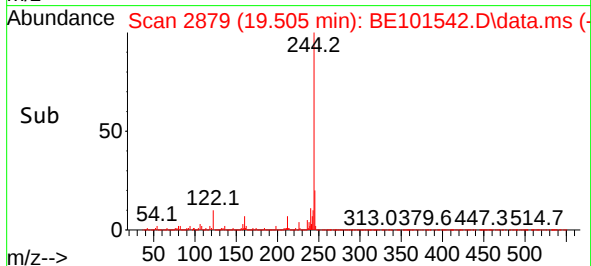
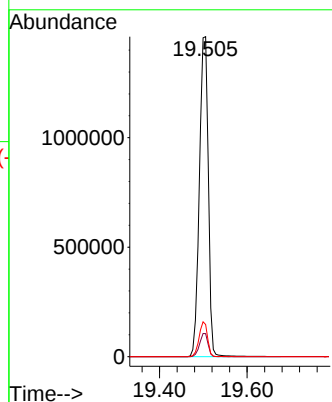
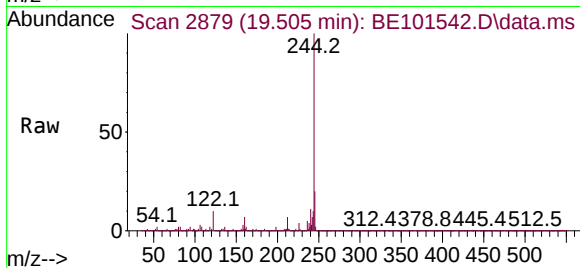
Tgt Ion:244 Resp: 2076378

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.1 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.348 min Scan# 3533

Delta R.T. -0.009 min

Lab File: BE101542.D

Acq: 7 Nov 2024 21:38

Tgt Ion:264 Resp: 161085

Ion Ratio Lower Upper

264 100

260 28.8 19.4 29.2

265 20.6 17.4 26.2

