

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101518.D
 Acq On : 7 Nov 2024 4:49
 Operator : RC/JU
 Sample : P4711-10
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 CF-613-COMP-17

Quant Time: Nov 07 04:41:54 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	41263	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	167847	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	106709	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	273838	20.000	ng	0.00
76) Chrysene-d12	21.063	240	410570	20.000	ng	-0.01
86) Perylene-d12	23.348	264	266141	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	347926	149.091	ng	0.00
7) Phenol-d6	6.938	99	396341	123.872	ng	0.00
23) Nitrobenzene-d5	8.765	82	281252	105.842	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	327499	163.102	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	709156	108.511	ng	0.00
79) Terphenyl-d14	19.500	244	2027215	109.296	ng	0.00

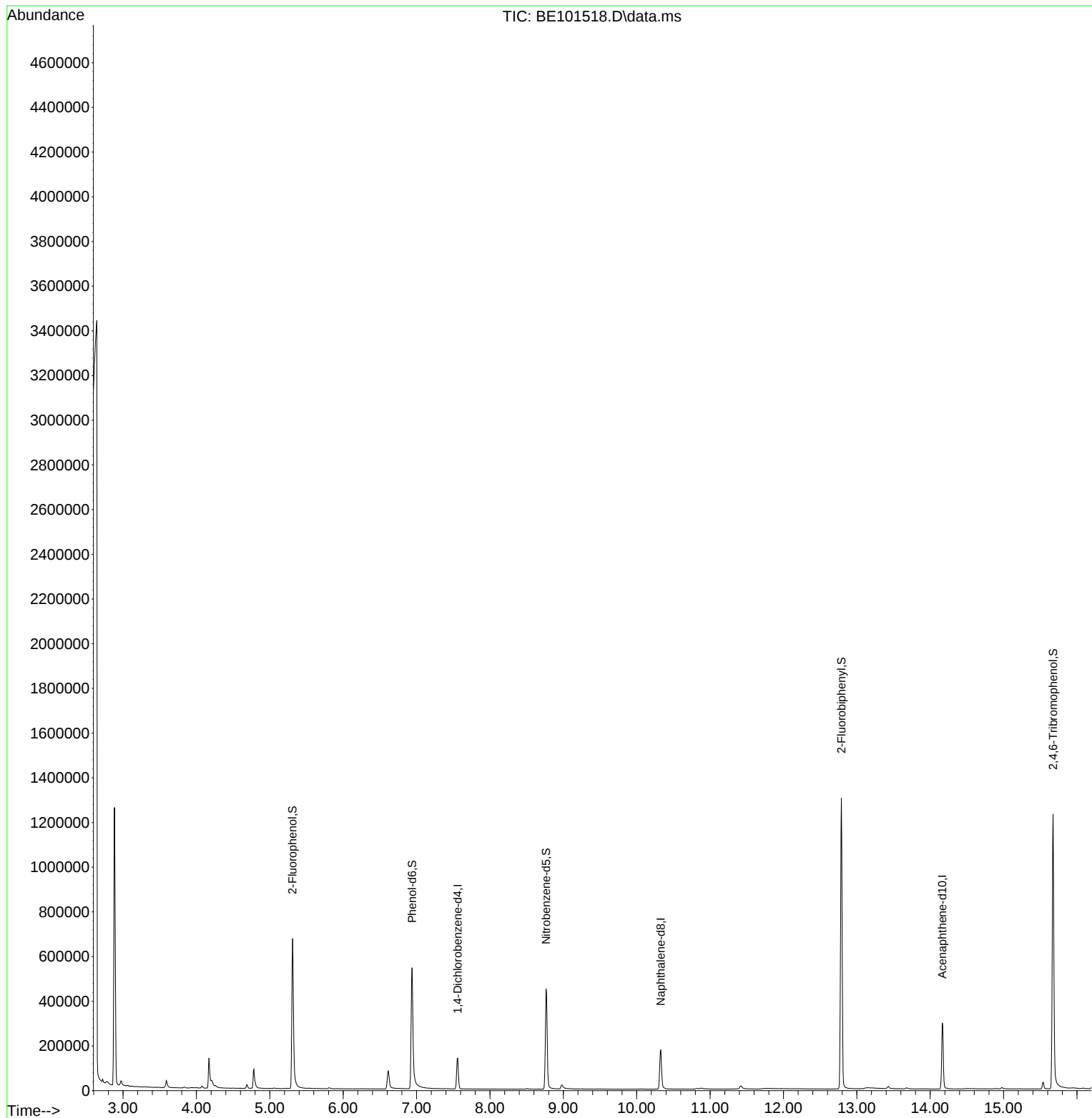
Target Compounds	Qvalue

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

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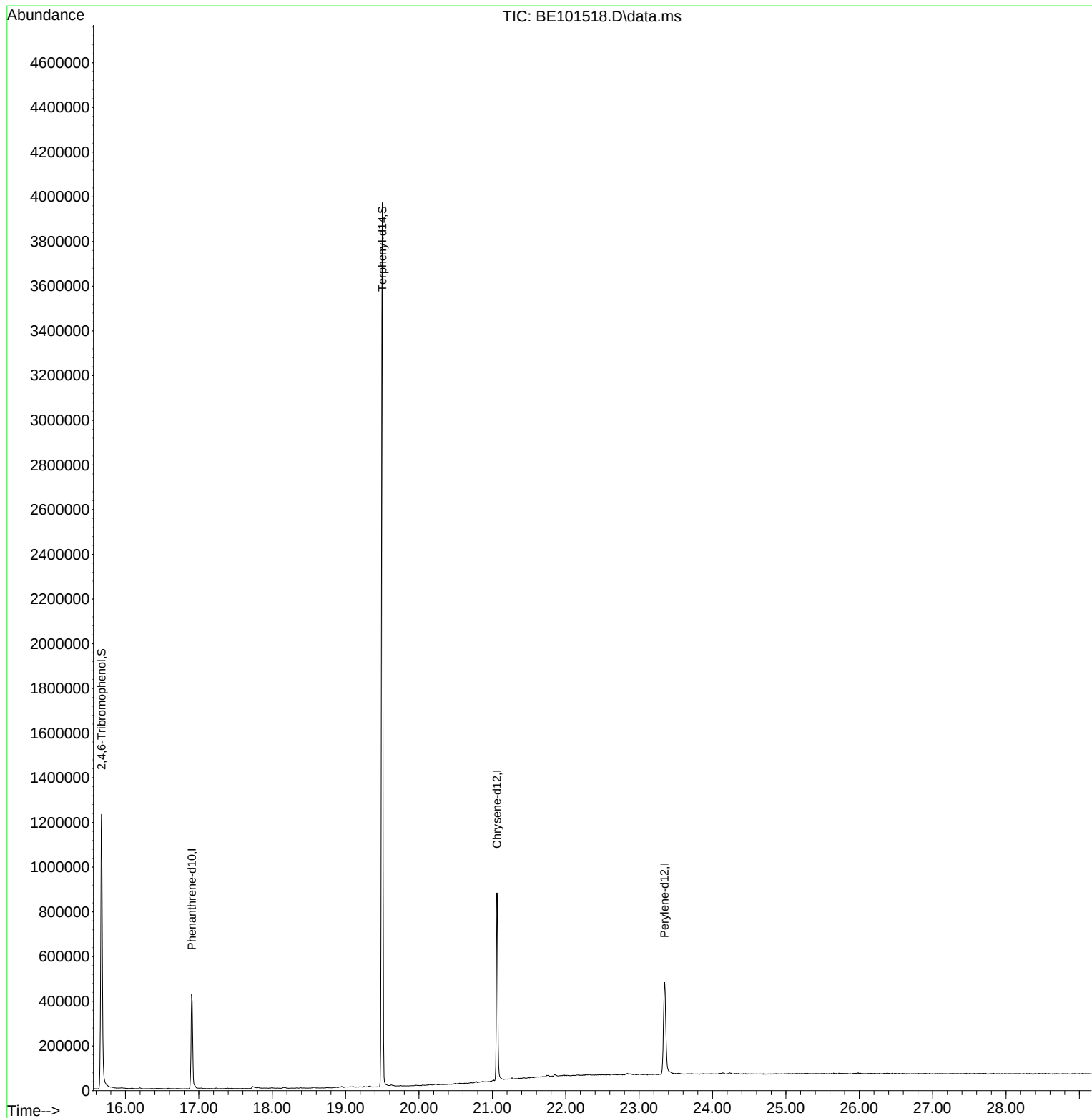
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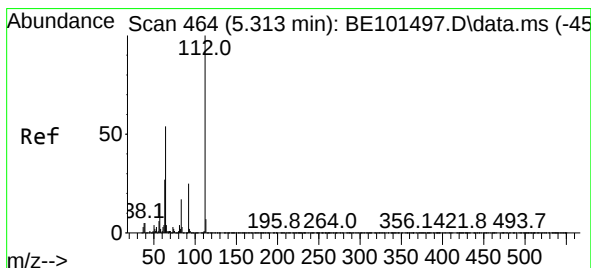
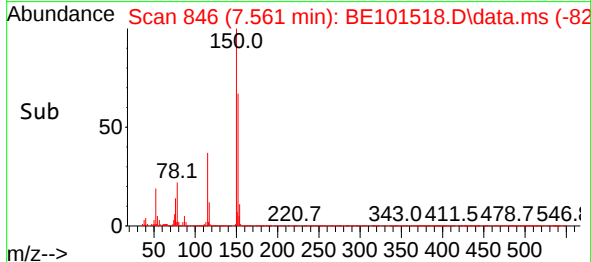
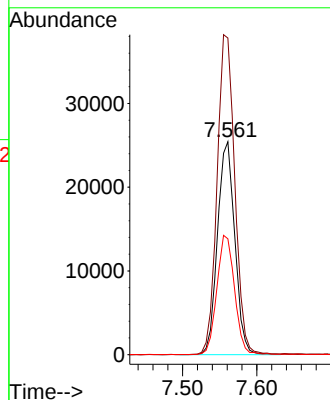
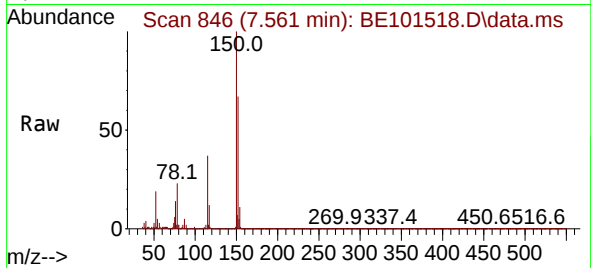




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.561 min Scan# 84
Delta R.T. -0.002 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

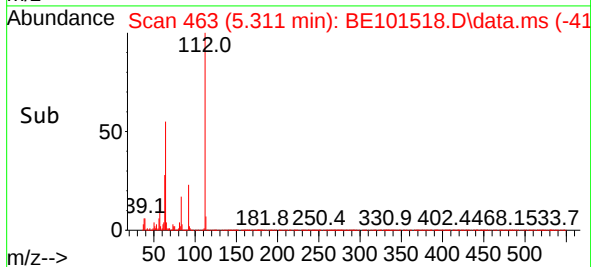
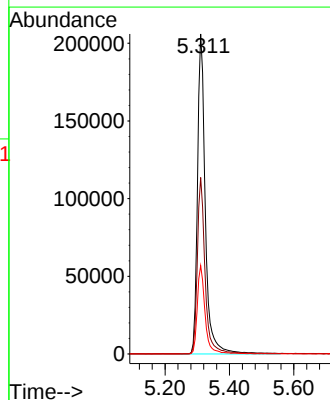
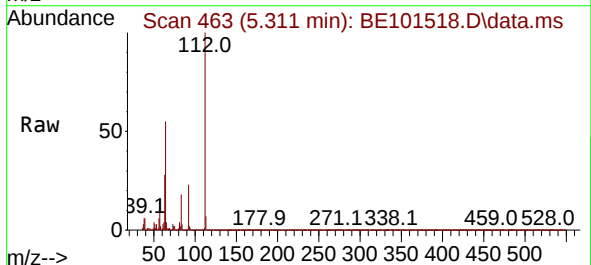
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:152 Resp: 41263
Ion Ratio Lower Upper
152 100
150 148.6 126.3 189.5
115 54.4 45.0 67.4



#5
2-Fluorophenol
Concen: 149.091 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

Tgt Ion:112 Resp: 347926
Ion Ratio Lower Upper
112 100
64 55.1 43.2 64.8
63 27.6 21.8 32.6

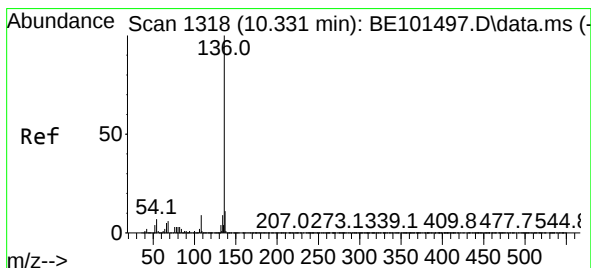
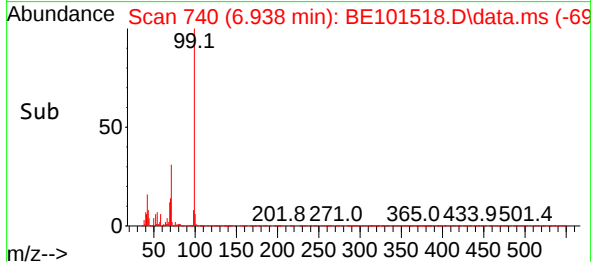
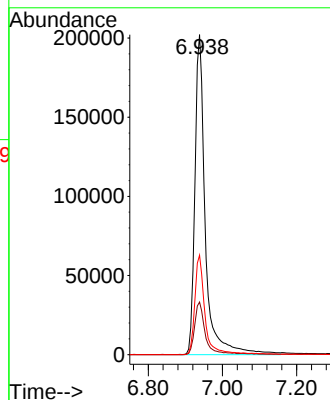
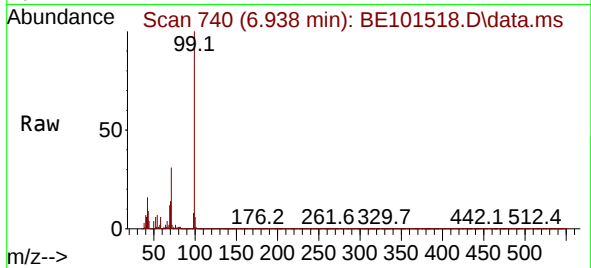




#7
Phenol-d6
Concen: 123.872 ng
RT: 6.938 min Scan# 741
Delta R.T. -0.008 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

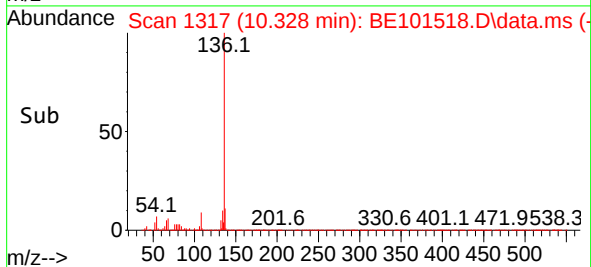
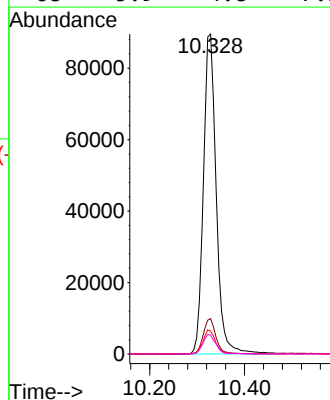
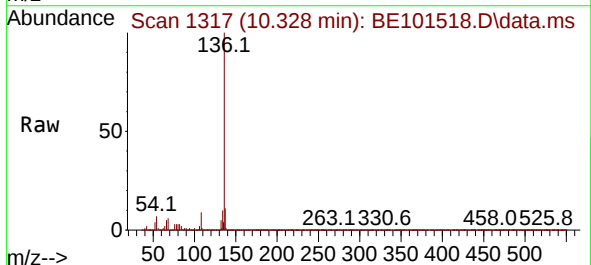
Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion: 99 Resp: 396341
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

Tgt Ion: 136 Resp: 167847
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.1 5.6 8.4
68 5.9 4.8 7.2

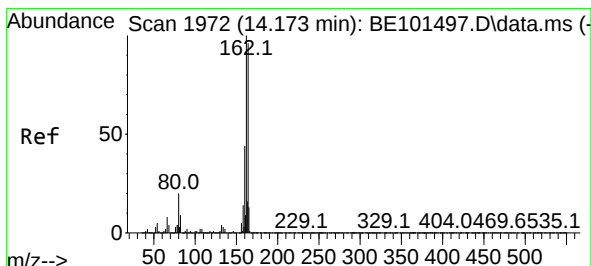
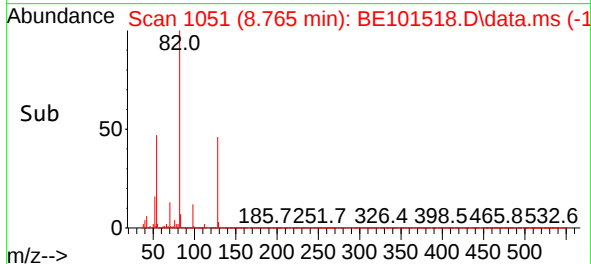
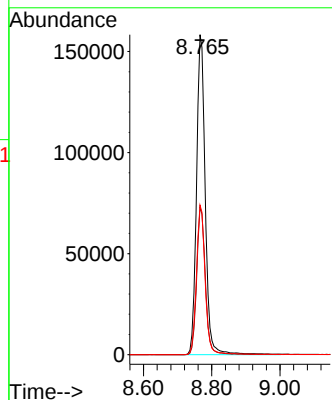
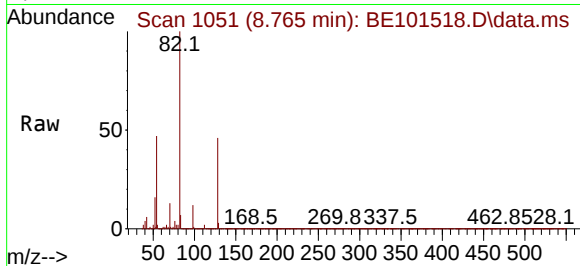




#23
Nitrobenzene-d5
Concen: 105.842 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

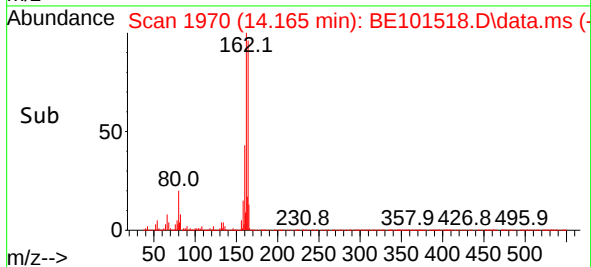
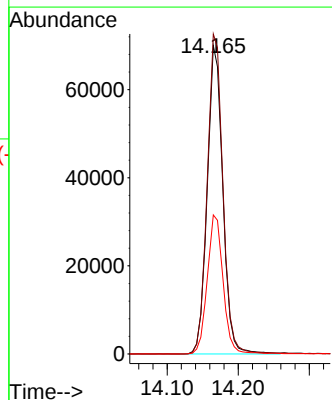
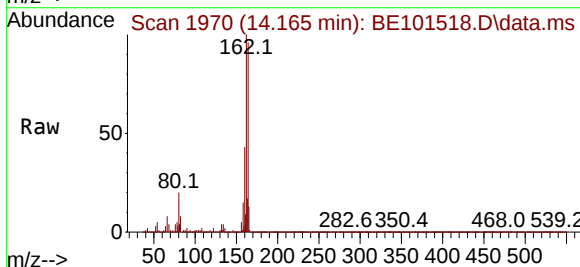
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ClientSampleId :
CF-613-COMP-17

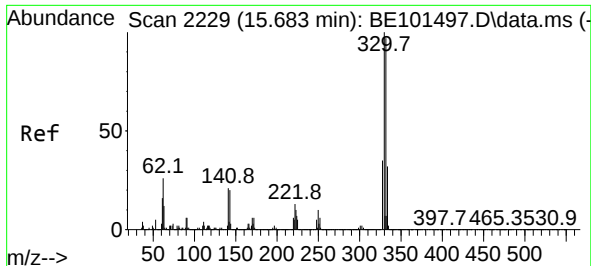
Tgt Ion: 82 Resp: 281252
Ion Ratio Lower Upper
82 100
128 46.1 38.6 58.0
54 46.7 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

Tgt Ion: 164 Resp: 106709
Ion Ratio Lower Upper
164 100
162 103.8 83.7 125.5
160 45.1 37.1 55.7

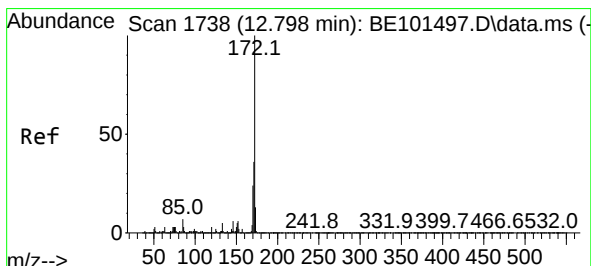
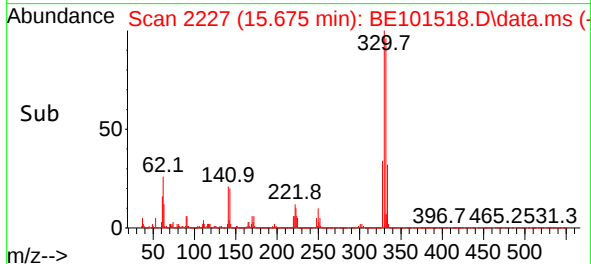
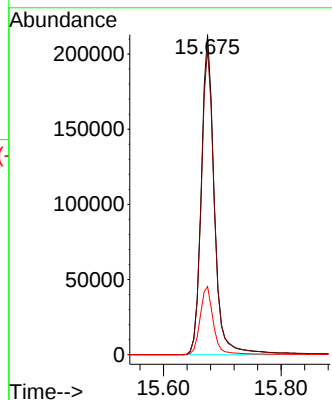
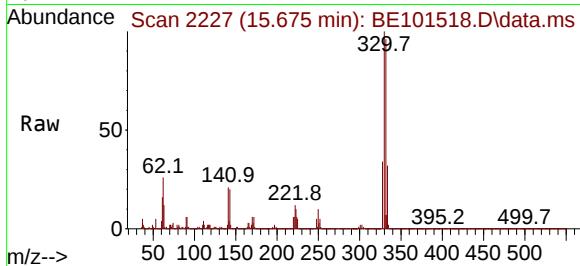




#42
2,4,6-Tribromophenol
Concen: 163.102 ng
RT: 15.675 min Scan# 21
Delta R.T. -0.008 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

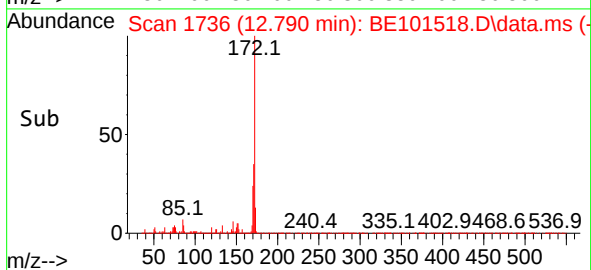
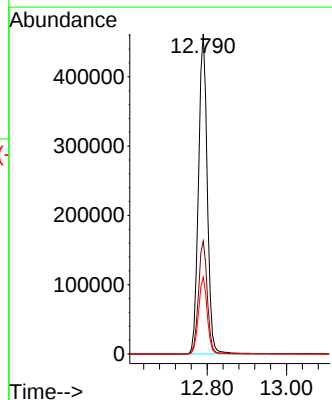
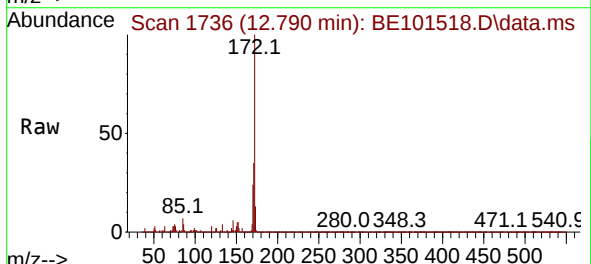
Instrument :
BNA_E
ClientSampleId :
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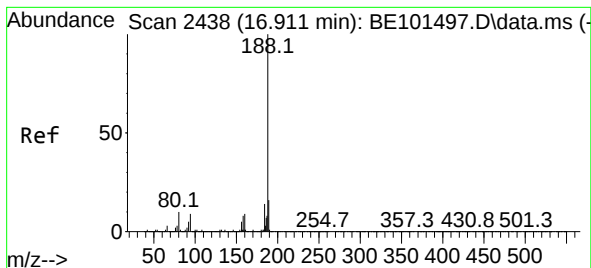
Tgt Ion:330 Resp: 327499
Ion Ratio Lower Upper
330 100
332 98.4 77.7 116.5
141 21.9 17.0 25.4



#45
2-Fluorobiphenyl
Concen: 108.511 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101518.D
Acq: 7 Nov 2024 4:49

Tgt Ion:172 Resp: 709156
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.0 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BE101518.D

Acq: 7 Nov 2024 4:49

Instrument :

BNA_E

ClientSampleId :

CF-613-COMP-17

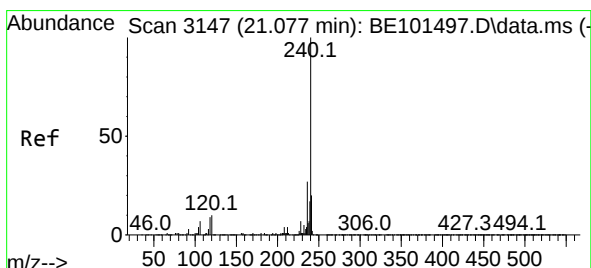
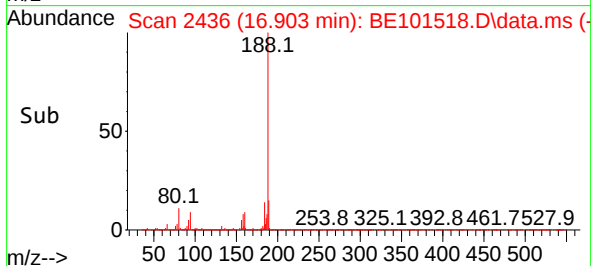
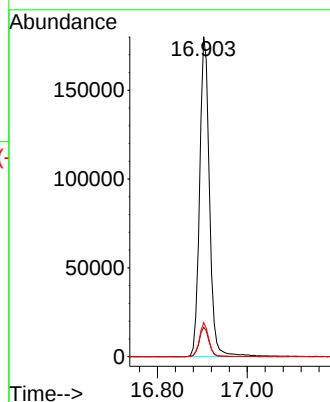
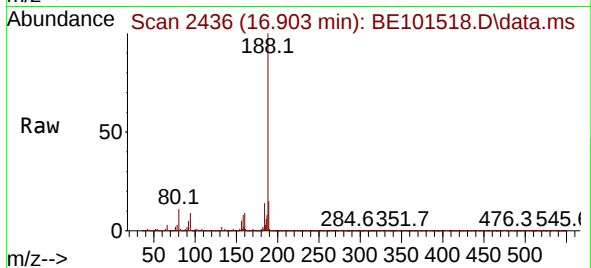
Tgt Ion:188 Resp: 273838

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.063 min Scan# 3144

Delta R.T. -0.014 min

Lab File: BE101518.D

Acq: 7 Nov 2024 4:49

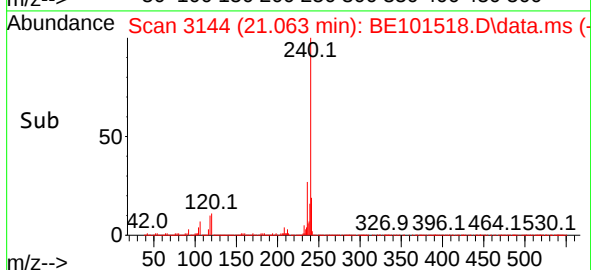
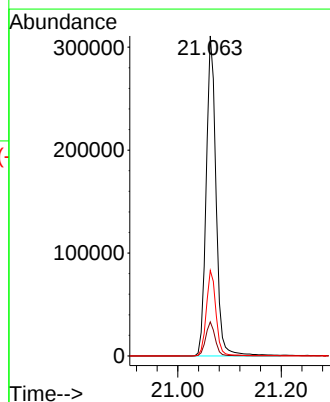
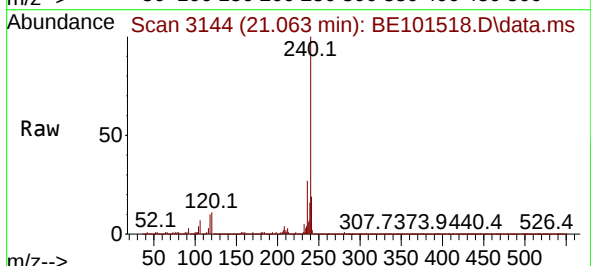
Tgt Ion:240 Resp: 410570

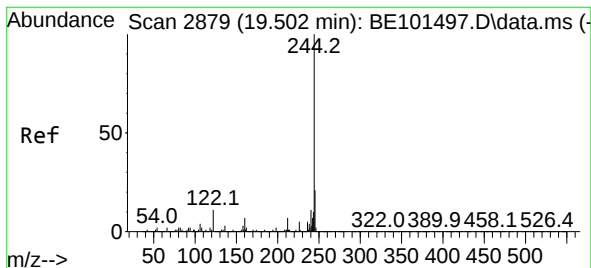
Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.4

236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 109.296 ng

RT: 19.500 min Scan# 21

Delta R.T. -0.002 min

Lab File: BE101518.D

Acq: 7 Nov 2024 4:49

Instrument :

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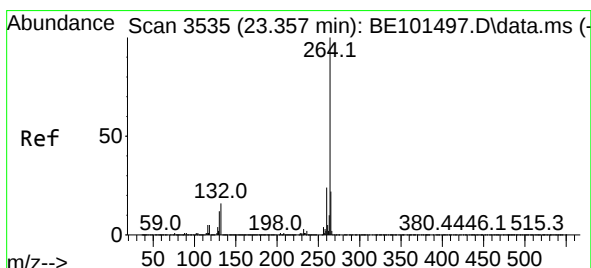
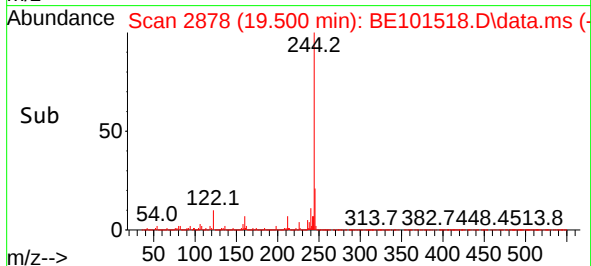
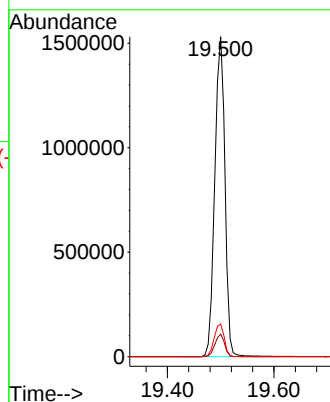
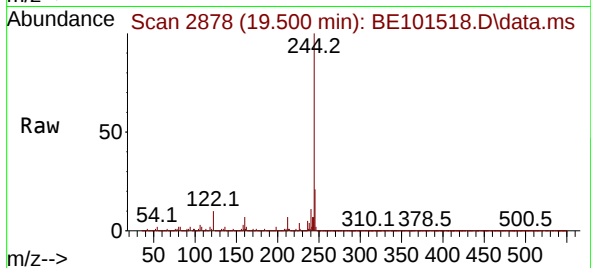
Tgt Ion:244 Resp: 2027215

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.2 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.348 min Scan# 3533

Delta R.T. -0.008 min

Lab File: BE101518.D

Acq: 7 Nov 2024 4:49

Tgt Ion:264 Resp: 266141

Ion Ratio Lower Upper

264 100

260 28.2 19.4 29.2

265 21.3 17.4 26.2

