

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111324\
 Data File : BE101594.D
 Acq On : 13 Nov 2024 14:18
 Operator : RC/JU
 Sample : PB164886TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164886TB

Quant Time: Nov 13 15:19:59 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	7.547	152	24490	20.000	ng	-0.02
21) Naphthalene-d8	10.320	136	91803	20.000	ng	#-0.01
39) Acenaphthene-d10	14.168	164	60942	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	150693	20.000	ng	0.00
76) Chrysene-d12	21.084	240	189992	20.000	ng	0.00
86) Perylene-d12	23.364	264	287050	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.302	112	66535	48.038	ng	-0.01
7) Phenol-d6	6.936	99	186476	98.197	ng	-0.01
23) Nitrobenzene-d5	8.757	82	182465	125.545	ng	-0.02
42) 2,4,6-Tribromophenol	15.678	330	130671	113.950	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	409704	109.771	ng	-0.01
79) Terphenyl-d14	19.503	244	980212	114.203	ng	0.00

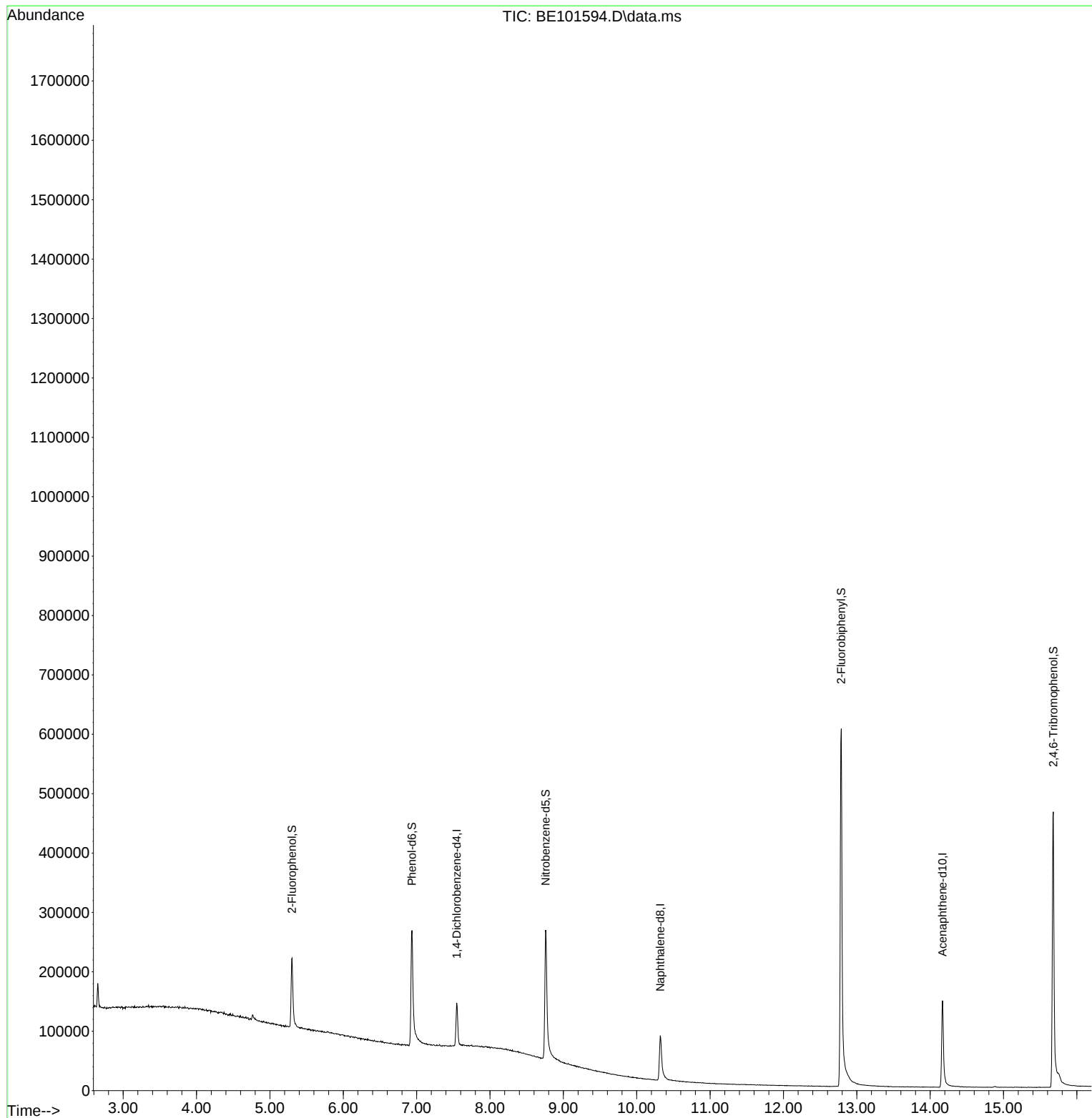
Target Compounds	Qvalue

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

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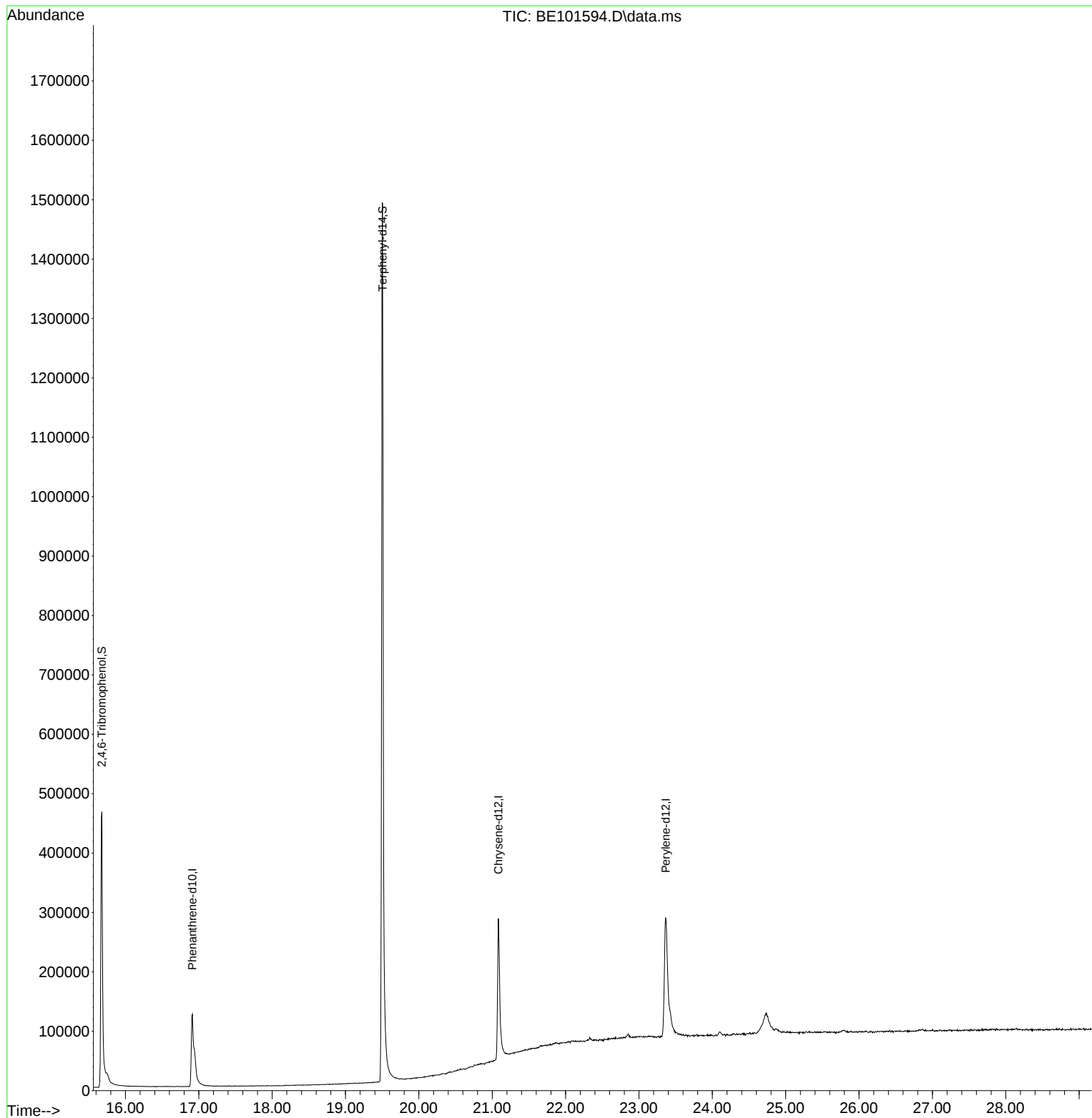
Quant Time: Nov 13 15:19:59 2024
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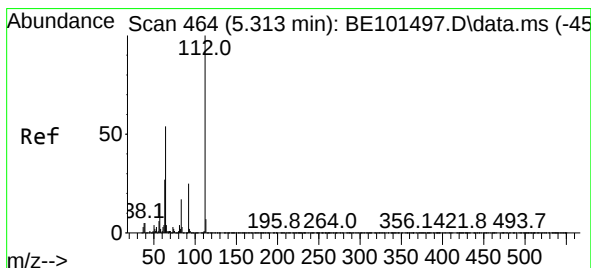
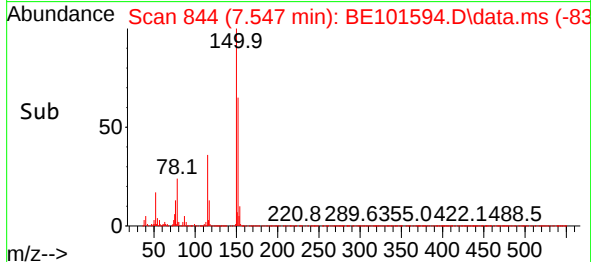
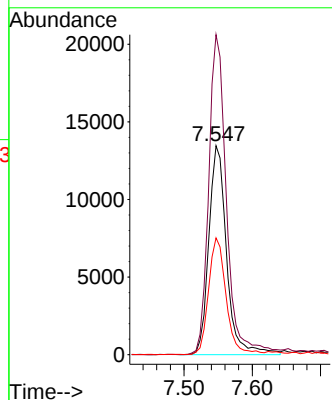
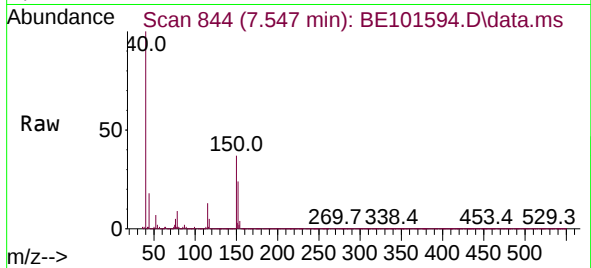




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.547 min Scan# 84
Delta R.T. -0.016 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

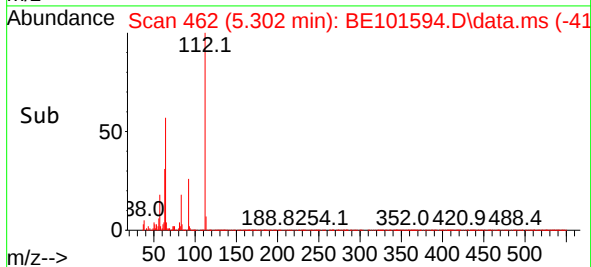
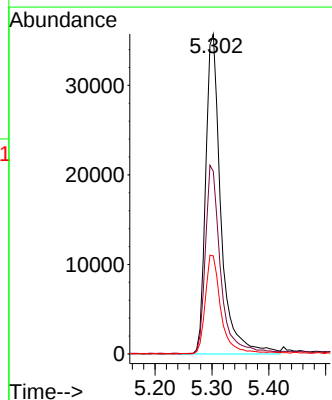
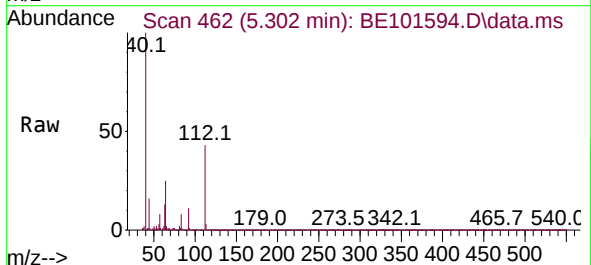
Instrument :
BNA_E
ClientSampleId :
PB164886TB

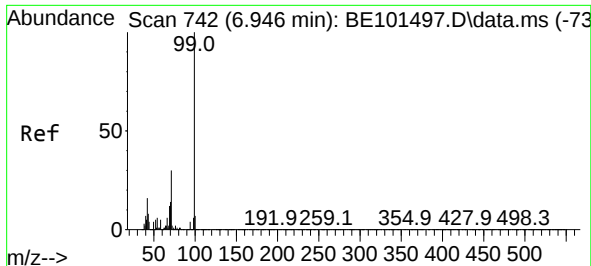
Tgt Ion:152 Resp: 24490
Ion Ratio Lower Upper
152 100
150 153.1 126.3 189.5
115 55.9 45.0 67.4



#5
2-Fluorophenol
Concen: 48.038 ng
RT: 5.302 min Scan# 462
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:112 Resp: 66535
Ion Ratio Lower Upper
112 100
64 57.1 43.2 64.8
63 30.7 21.8 32.6

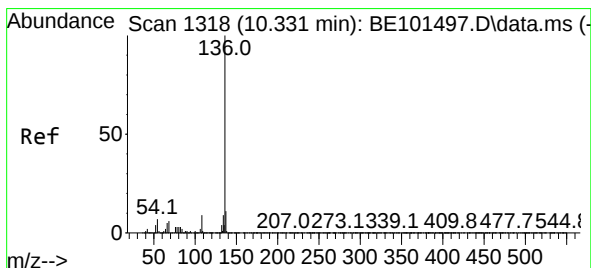
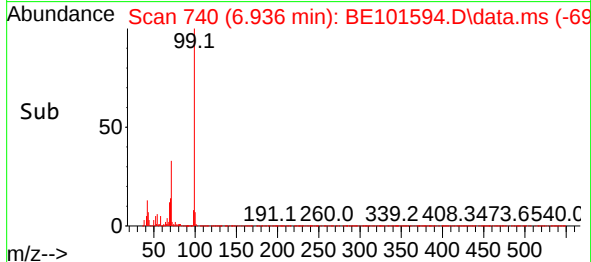
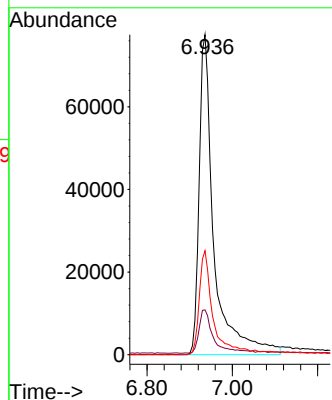
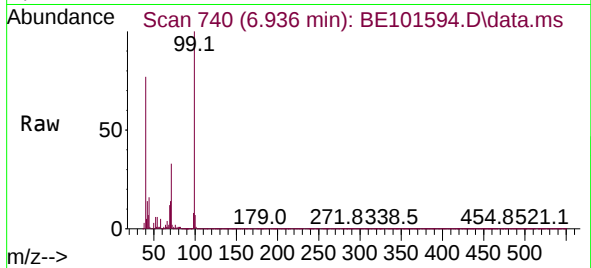




#7
Phenol-d6
Concen: 98.197 ng
RT: 6.936 min Scan# 742
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

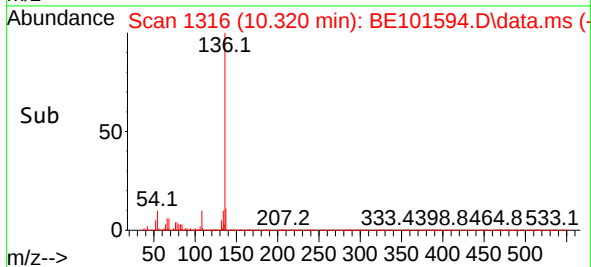
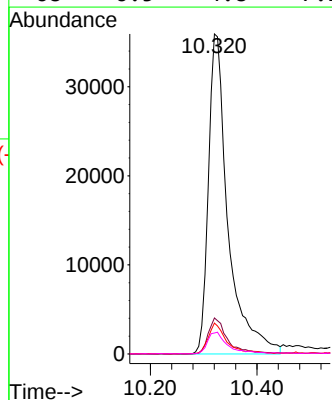
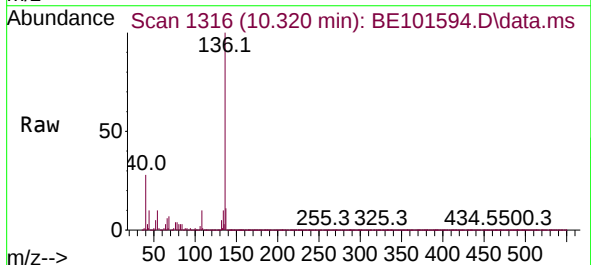
Instrument :
BNA_E
ClientSampleId :
PB164886TB

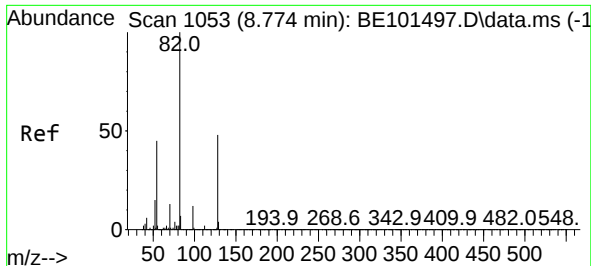
Tgt Ion: 99 Resp: 186476
Ion Ratio Lower Upper
99 100
42 14.0 12.5 18.7
71 32.5 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion: 136 Resp: 91803
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 9.7 5.6 8.4#
68 6.5 4.8 7.2

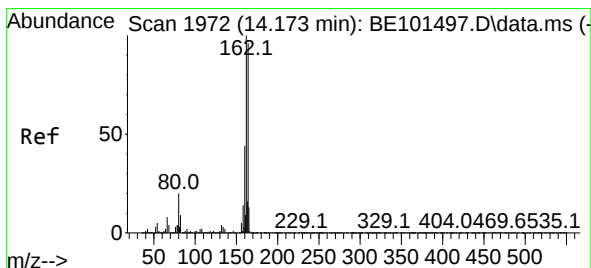
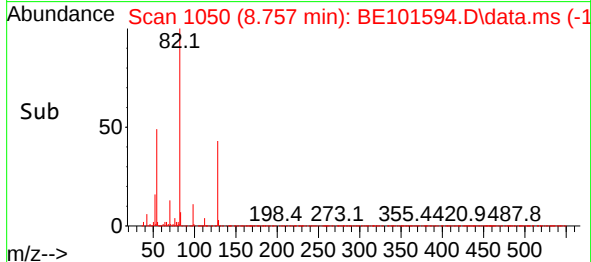
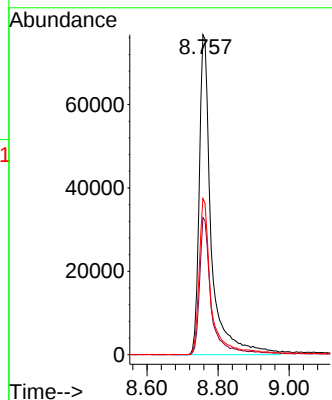
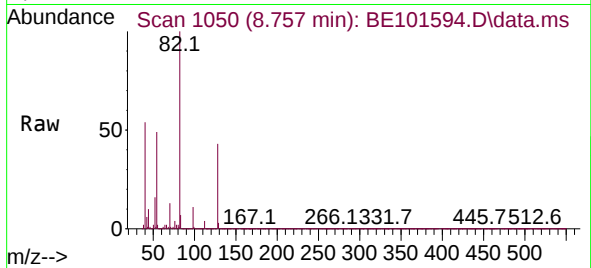




#23
Nitrobenzene-d5
Concen: 125.545 ng
RT: 8.757 min Scan# 1050
Delta R.T. -0.016 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

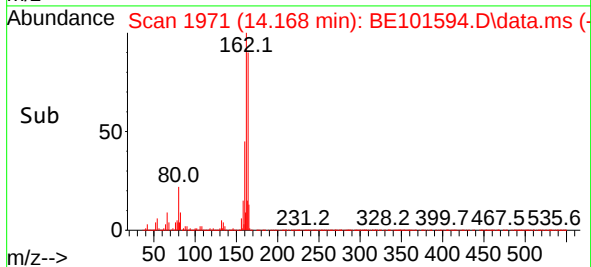
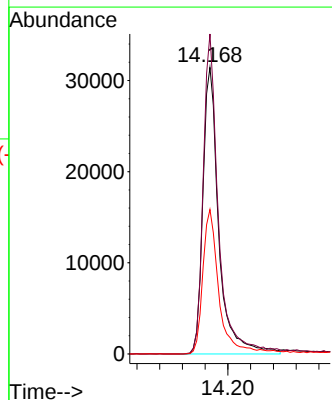
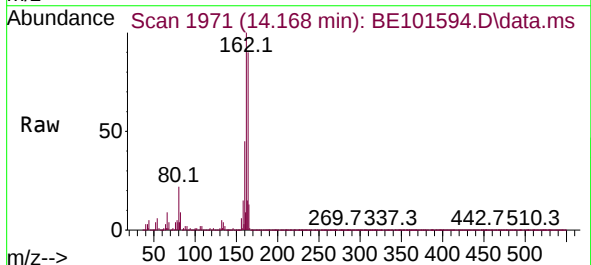
Instrument :
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ClientSampleId :
PB164886TB

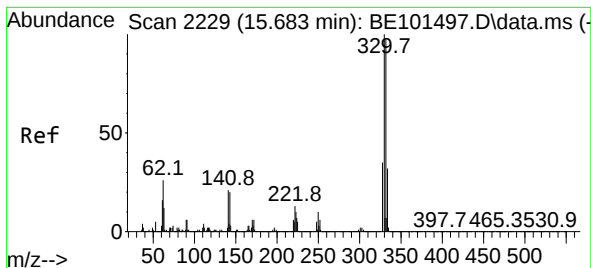
Tgt Ion: 82 Resp: 182465
Ion Ratio Lower Upper
82 100
128 42.9 38.6 58.0
54 48.8 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101594.D
Acq: 13 Nov 2024 14:18

Tgt Ion:164 Resp: 60942
Ion Ratio Lower Upper
164 100
162 111.7 83.7 125.5
160 50.4 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 113.950 ng

RT: 15.678 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

Instrument :

BNA_E

ClientSampleId :

PB164886TB

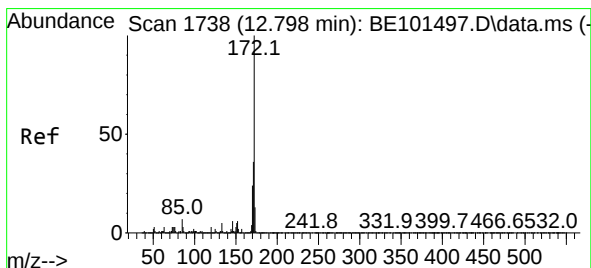
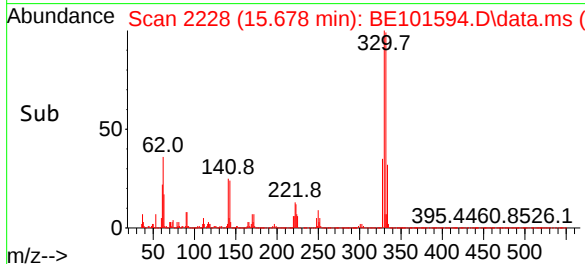
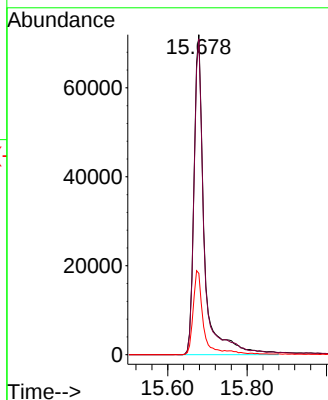
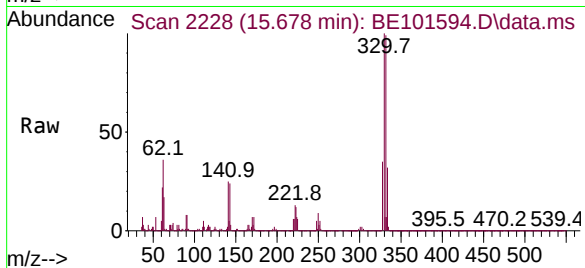
Tgt Ion:330 Resp: 130671

Ion Ratio Lower Upper

330 100

332 96.9 77.7 116.5

141 24.5 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 109.771 ng

RT: 12.788 min Scan# 1736

Delta R.T. -0.011 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

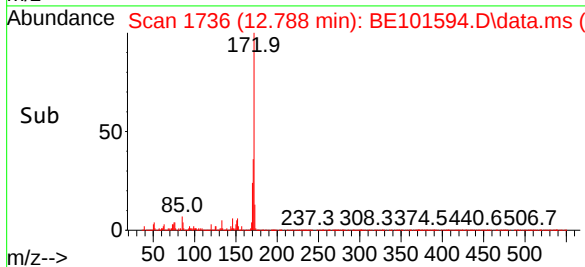
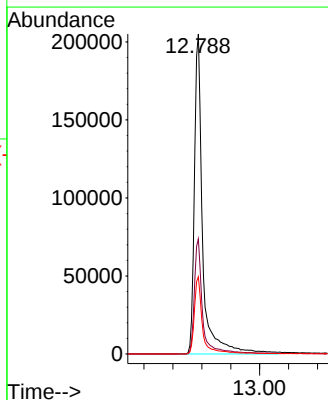
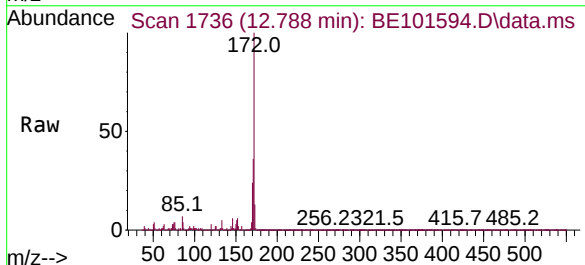
Tgt Ion:172 Resp: 409704

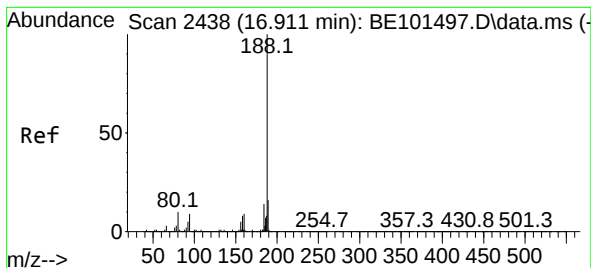
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.1 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.912 min Scan# 2438

Delta R.T. 0.001 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

Instrument :

BNA_E

ClientSampleId :

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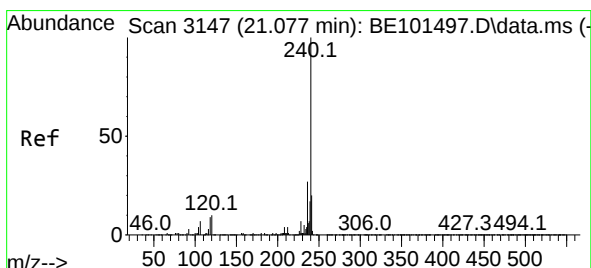
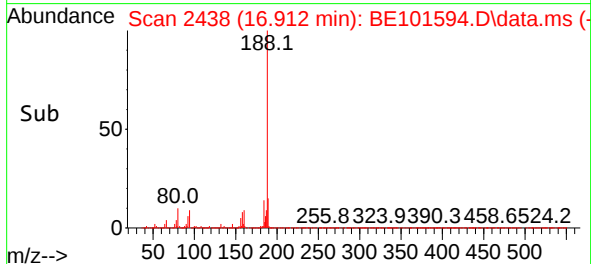
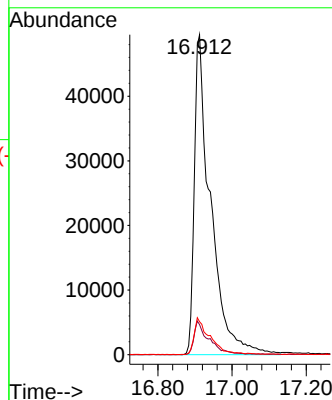
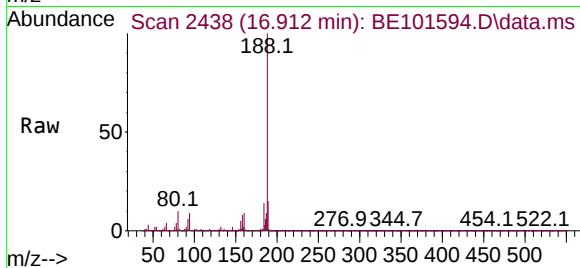
Tgt Ion:188 Resp: 150693

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.3 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.084 min Scan# 3148

Delta R.T. 0.007 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

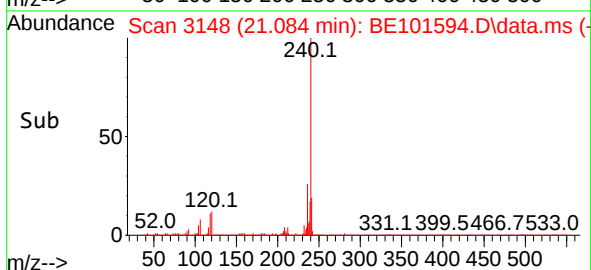
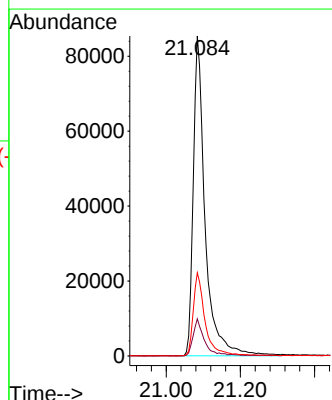
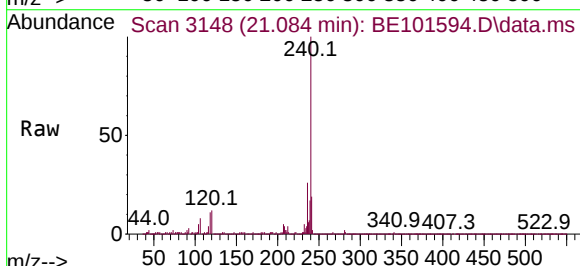
Tgt Ion:240 Resp: 189992

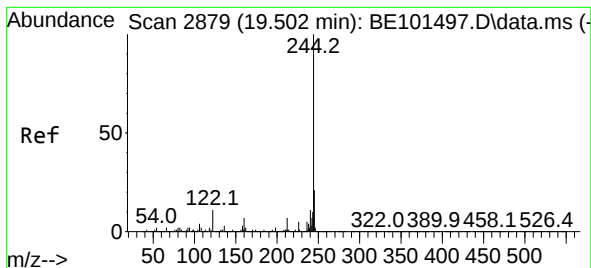
Ion Ratio Lower Upper

240 100

120 11.6 8.2 12.4

236 26.0 21.4 32.2





#79

Terphenyl-d14

Concen: 114.203 ng

RT: 19.503 min Scan# 21

Delta R.T. 0.001 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

Instrument :

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PB164886TB

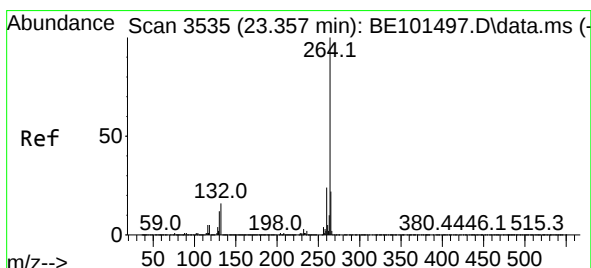
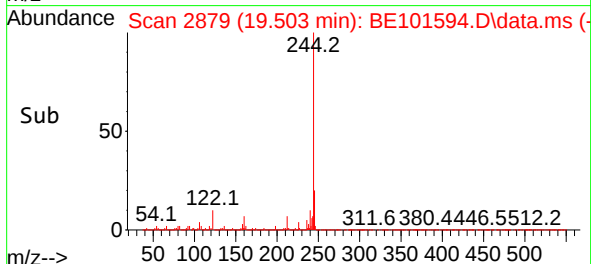
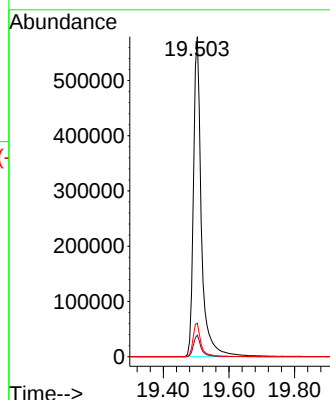
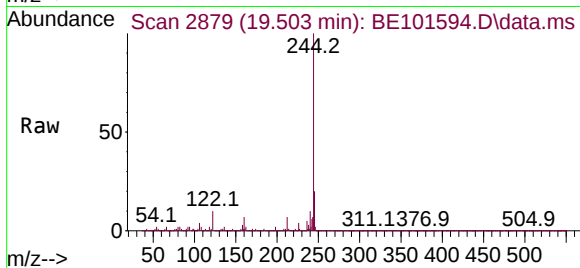
Tgt Ion:244 Resp: 980212

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 10.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.364 min Scan# 3536

Delta R.T. 0.007 min

Lab File: BE101594.D

Acq: 13 Nov 2024 14:18

Tgt Ion:264 Resp: 287050

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.9 17.4 26.2

