

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101535.D
 Acq On : 7 Nov 2024 17:30
 Operator : RC/JU
 Sample : P4693-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-G4-WC

Quant Time: Nov 07 23:57:22 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)

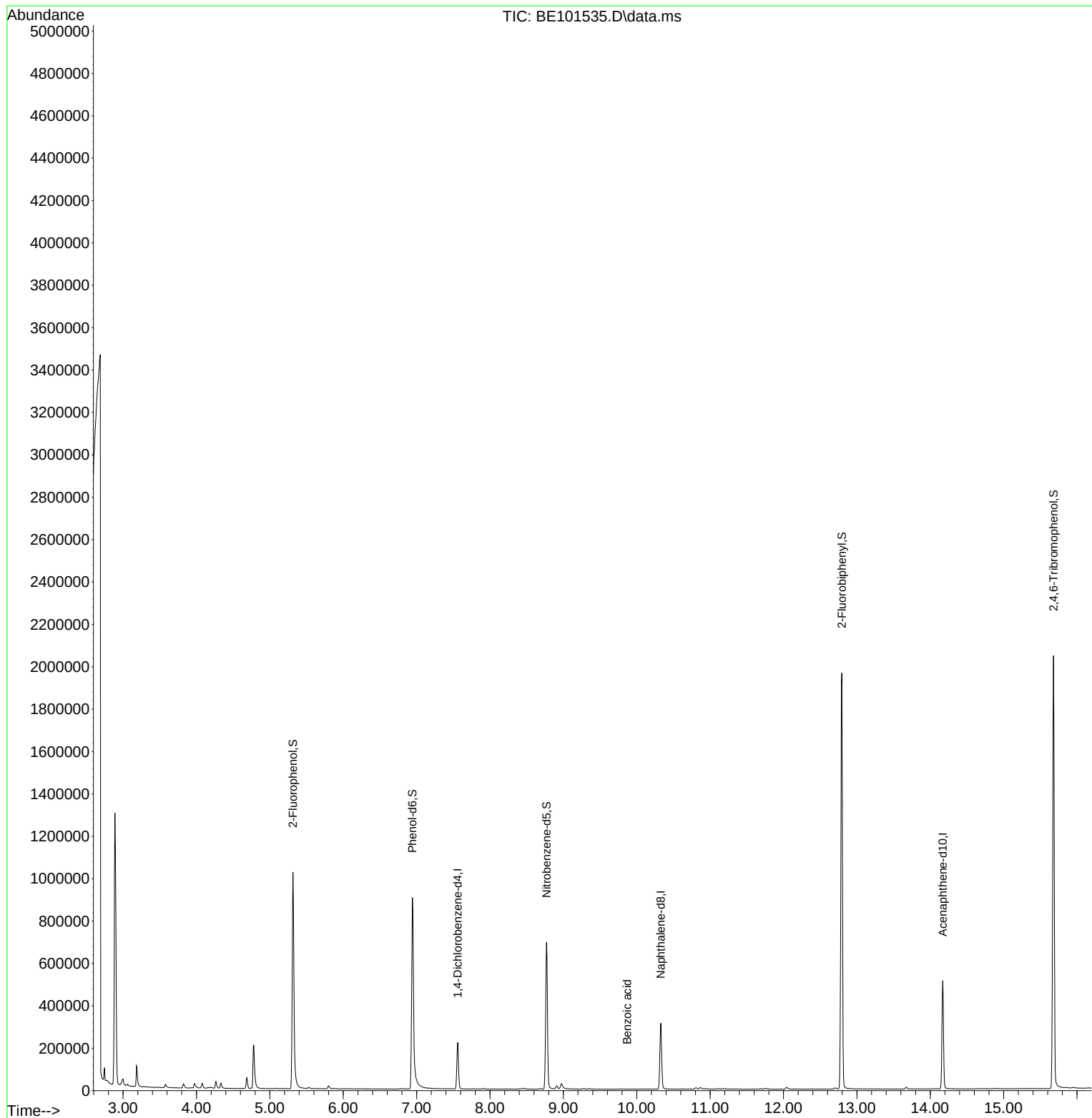
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	61445	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	273059	20.000	ng	0.00
39) Acenaphthene-d10	14.170	164	180445	20.000	ng	0.00
64) Phenanthrene-d10	16.908	188	407677	20.000	ng	0.00
76) Chrysene-d12	21.068	240	453182	20.000	ng	0.00
86) Perylene-d12	23.354	264	596162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	529101	152.257	ng	0.00
7) Phenol-d6	6.944	99	666580	139.904	ng	0.00
23) Nitrobenzene-d5	8.771	82	418137	96.725	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	509798	150.142	ng	0.00
45) 2-Fluorobiphenyl	12.796	172	1065226	96.390	ng	0.00
79) Terphenyl-d14	19.505	244	2210173	107.956	ng	0.00
Target Compounds						
32) Benzoic acid	9.870	122	49	6.850	ng	Qvalue # 22

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

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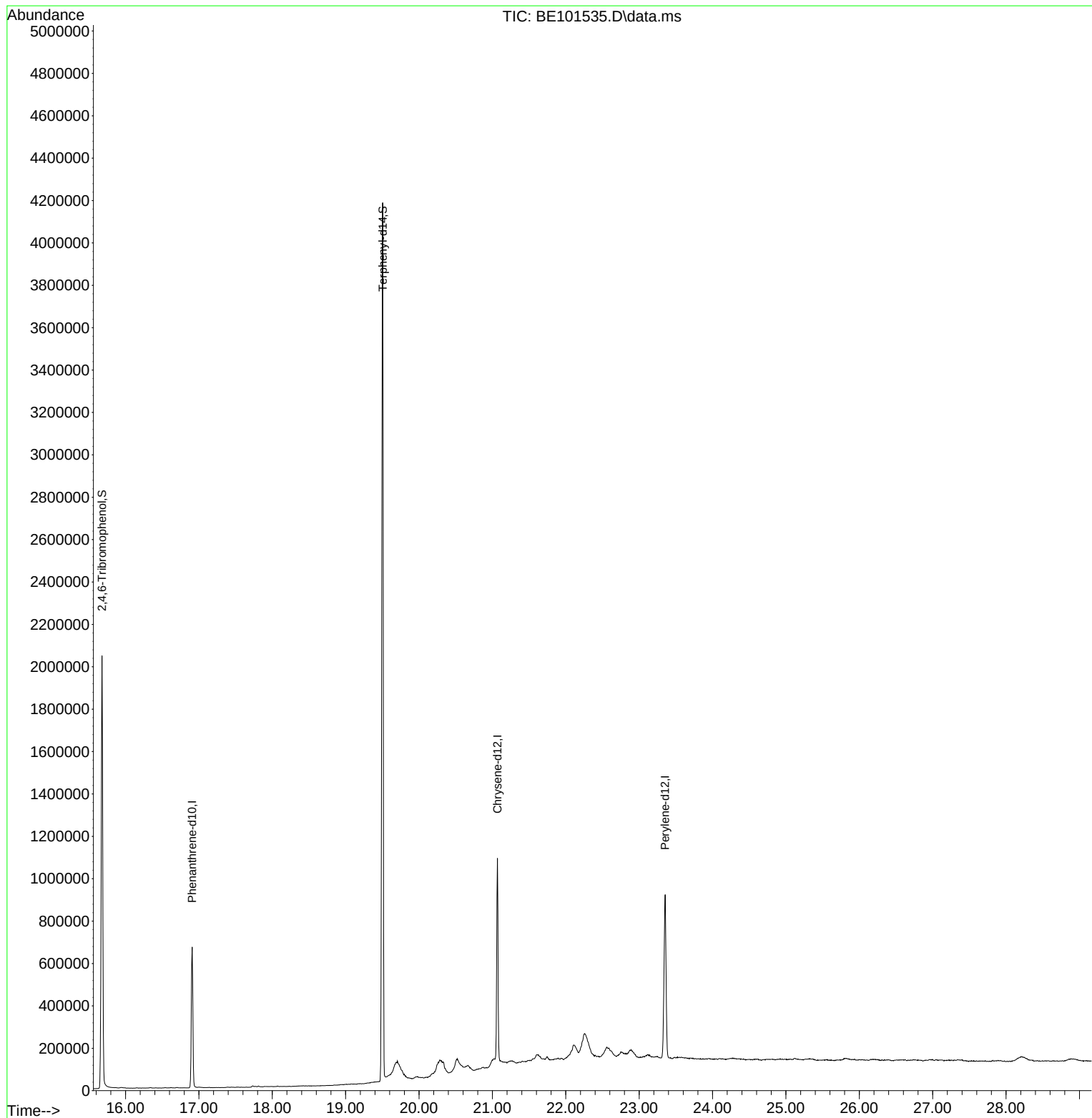
Quant Time: Nov 07 23:57:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
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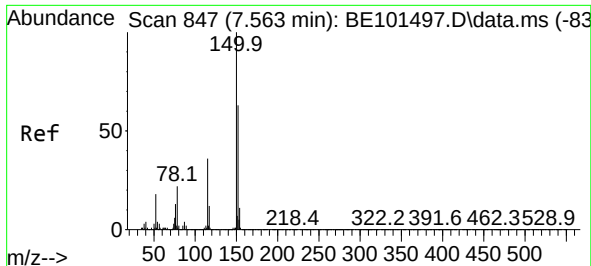


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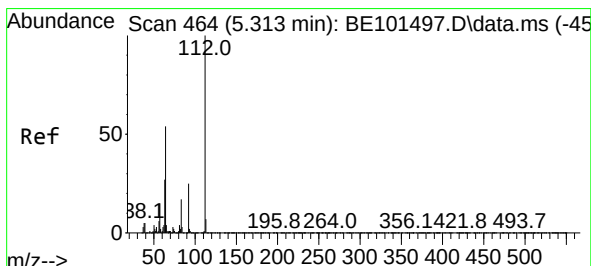
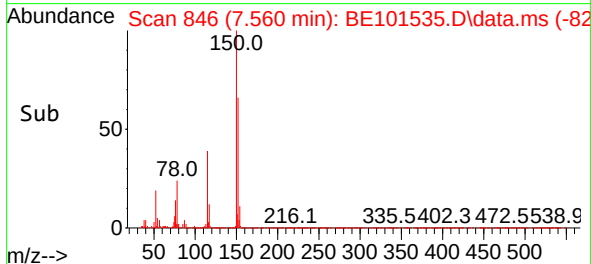
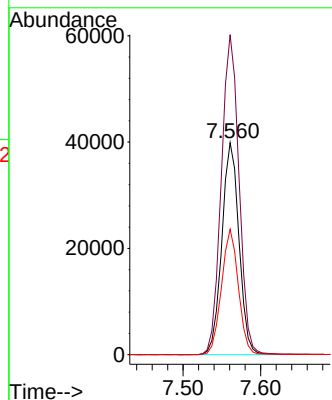
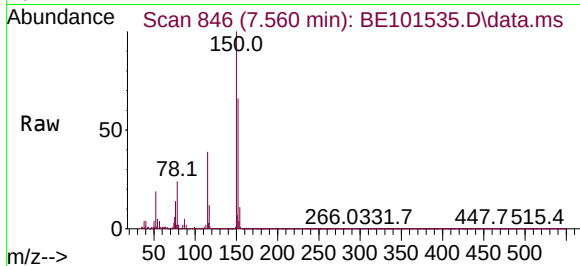




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.560 min Scan# 847
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

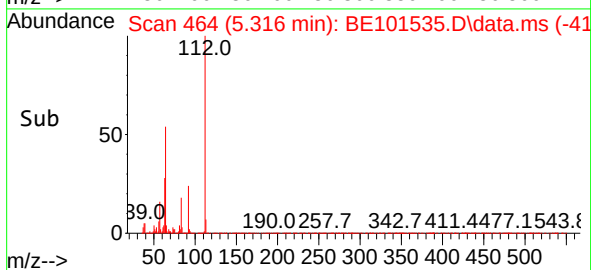
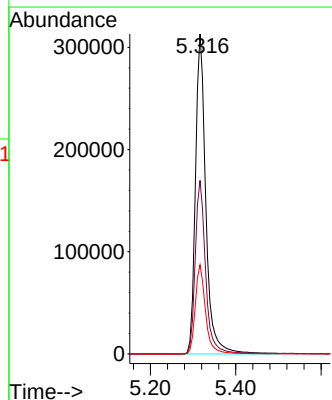
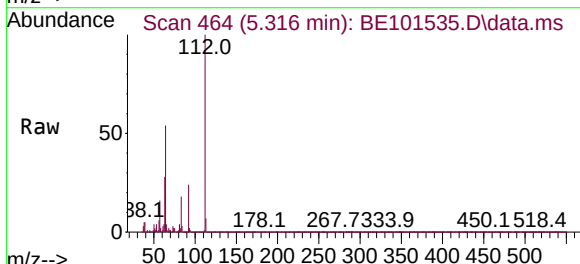
Instrument :
BNA_E
ClientSampleId :
BP-G4-WC

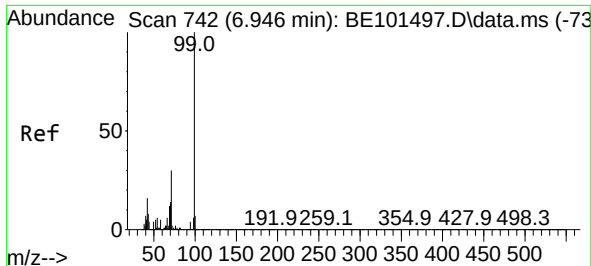
Tgt Ion:152 Resp: 61445
Ion Ratio Lower Upper
152 100
150 150.9 126.3 189.5
115 59.2 45.0 67.4



#5
2-Fluorophenol
Concen: 152.257 ng
RT: 5.316 min Scan# 464
Delta R.T. 0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

Tgt Ion:112 Resp: 529101
Ion Ratio Lower Upper
112 100
64 54.3 43.2 64.8
63 27.8 21.8 32.6

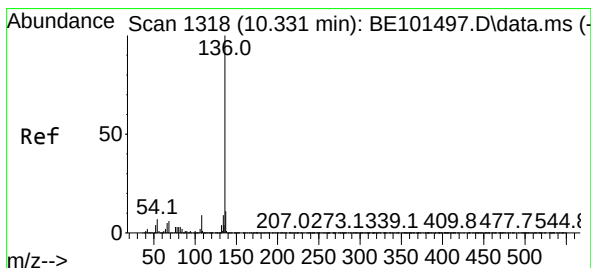
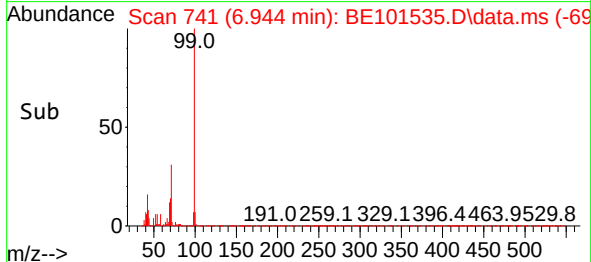
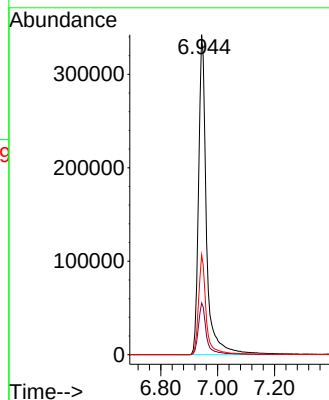
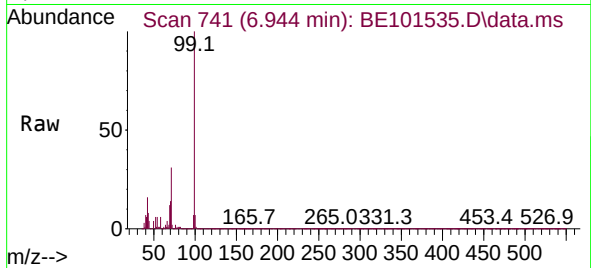




#7
Phenol-d6
Concen: 139.904 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

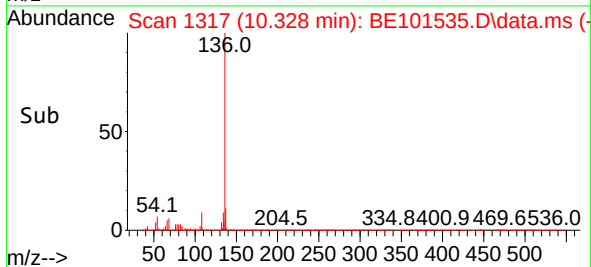
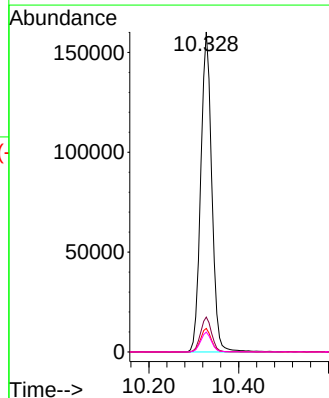
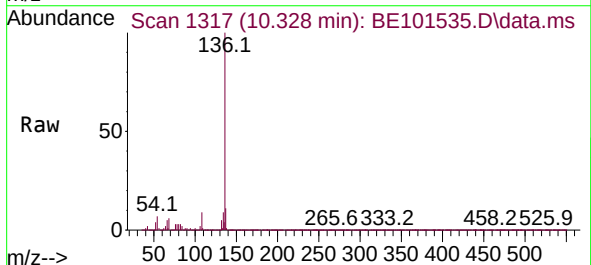
Instrument :
BNA_E
ClientSampleId :
BP-G4-WC

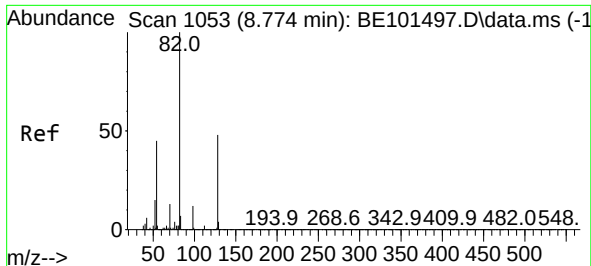
Tgt Ion: 99 Resp: 666580
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 31.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

Tgt Ion:136 Resp: 273059
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.6 8.4
68 6.2 4.8 7.2

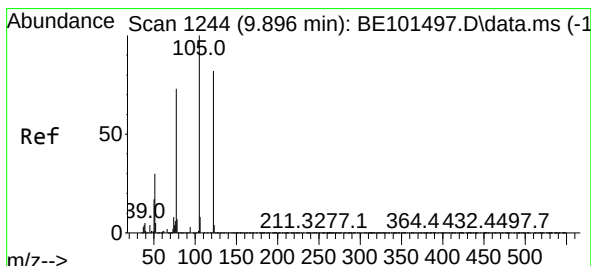
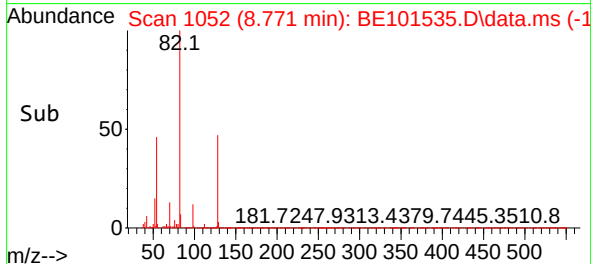
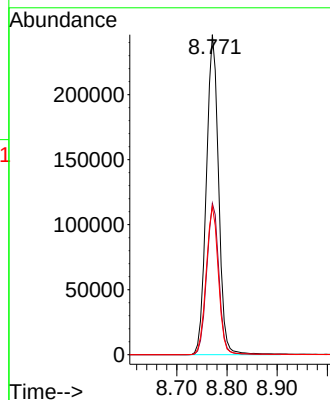
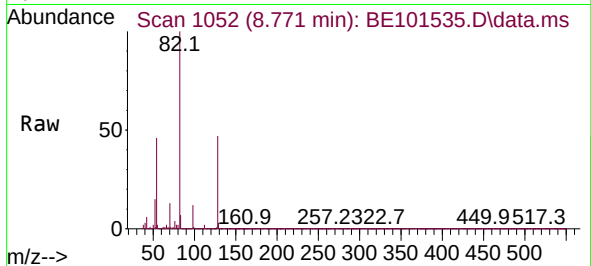




#23
Nitrobenzene-d5
Concen: 96.725 ng
RT: 8.771 min Scan# 1053
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

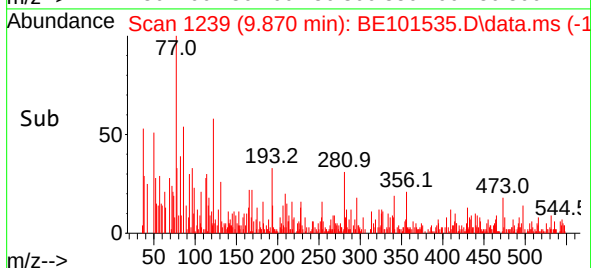
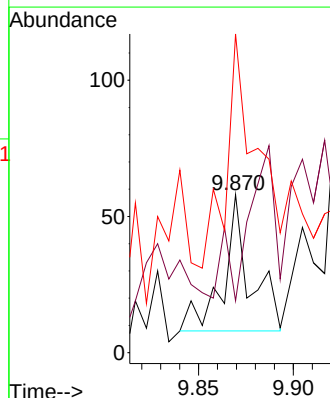
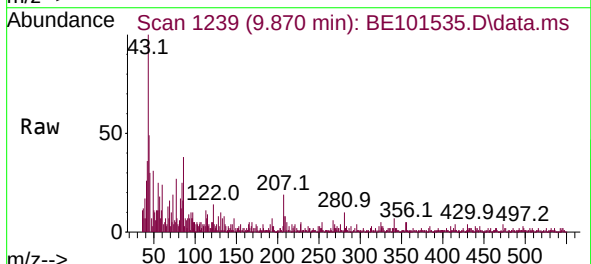
Instrument :
BNA_E
ClientSampleId :
BP-G4-WC

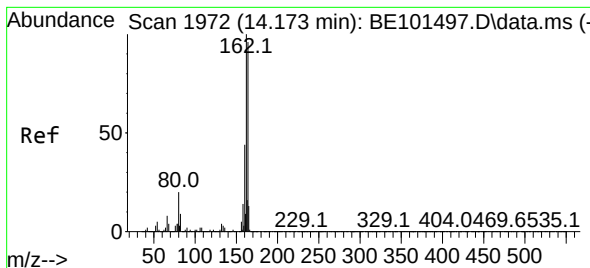
Tgt Ion: 82 Resp: 418137
Ion Ratio Lower Upper
82 100
128 47.3 38.6 58.0
54 46.3 36.3 54.5



#32
Benzoic acid
Concen: 6.850 ng
RT: 9.870 min Scan# 1239
Delta R.T. -0.026 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

Tgt Ion: 122 Resp: 49
Ion Ratio Lower Upper
122 100
105 69.0 100.6 140.6#
77 201.7 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.170 min Scan# 1972

Delta R.T. -0.003 min

Lab File: BE101535.D

Acq: 7 Nov 2024 17:30

Instrument :

BNA_E

ClientSampleId :

BP-G4-WC

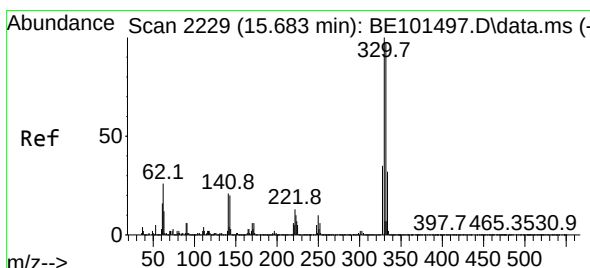
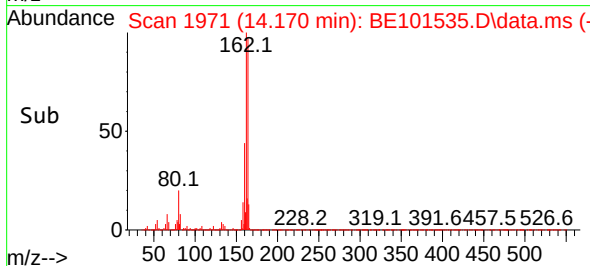
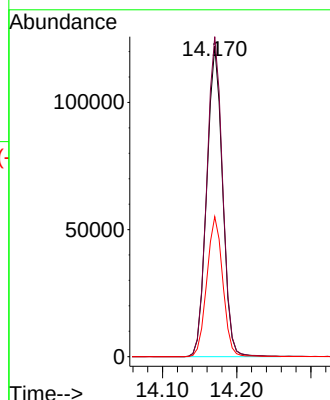
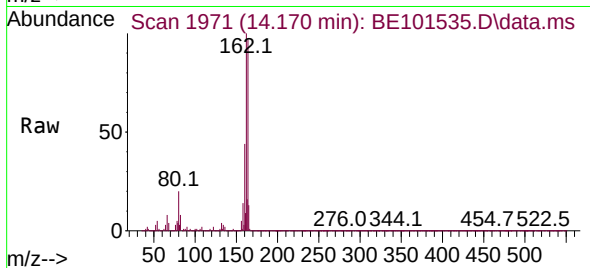
Tgt Ion:164 Resp: 180445

Ion Ratio Lower Upper

164 100

162 103.1 83.7 125.5

160 45.1 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 150.142 ng

RT: 15.680 min Scan# 2228

Delta R.T. -0.003 min

Lab File: BE101535.D

Acq: 7 Nov 2024 17:30

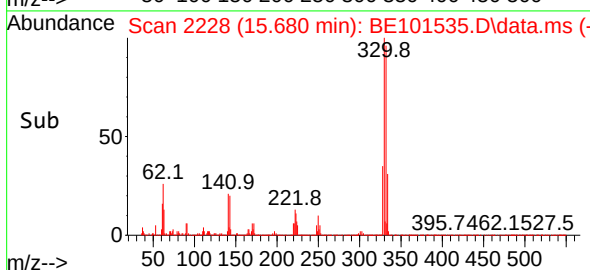
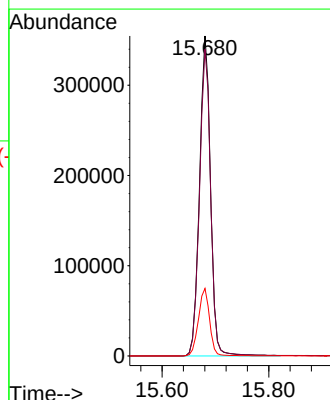
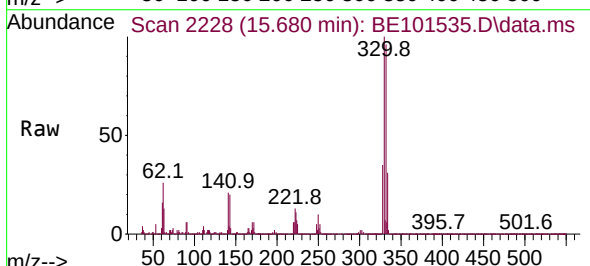
Tgt Ion:330 Resp: 509798

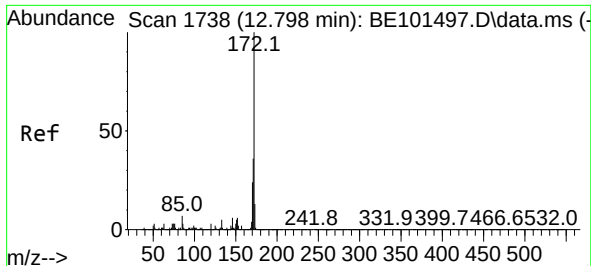
Ion Ratio Lower Upper

330 100

332 96.8 77.7 116.5

141 21.5 17.0 25.4

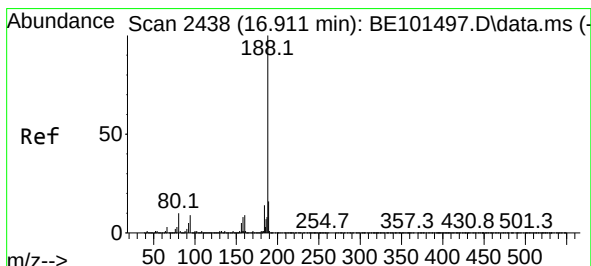
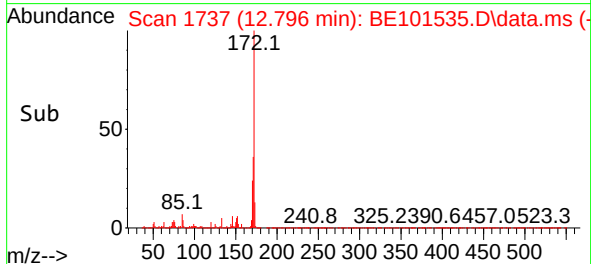
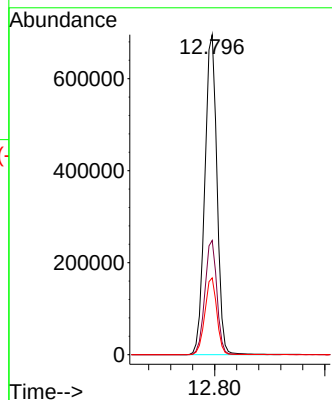
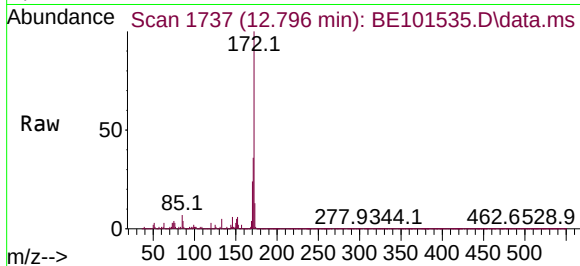




#45
2-Fluorobiphenyl
Concen: 96.390 ng
RT: 12.796 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

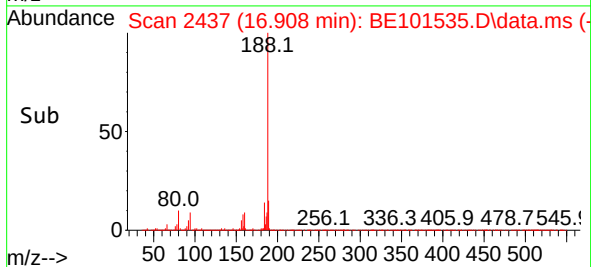
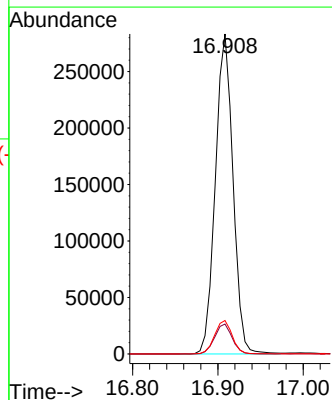
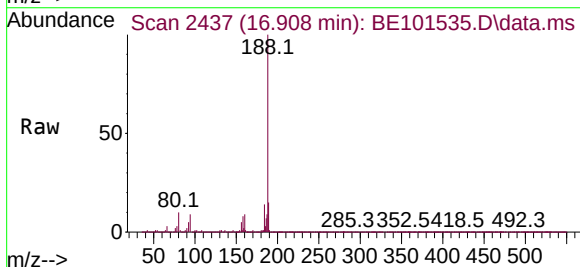
Instrument :
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BP-G4-WC

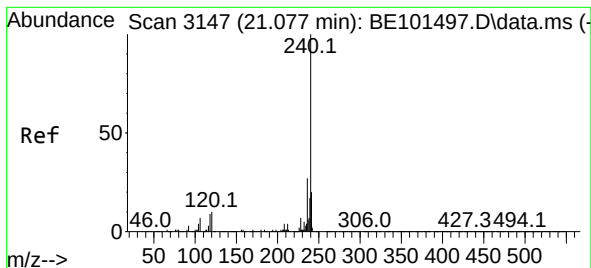
Tgt Ion:172 Resp: 1065226
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 24.0 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.908 min Scan# 2437
Delta R.T. -0.003 min
Lab File: BE101535.D
Acq: 7 Nov 2024 17:30

Tgt Ion:188 Resp: 407677
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 10.5 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: BE101535.D

Acq: 7 Nov 2024 17:30

Instrument :

BNA_E

ClientSampleId :

BP-G4-WC

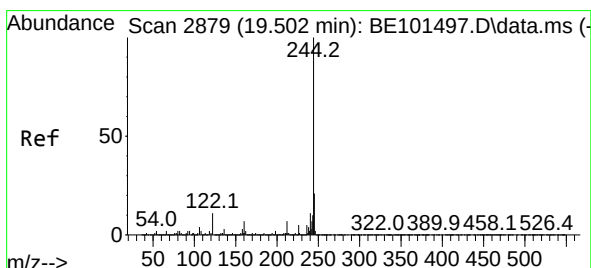
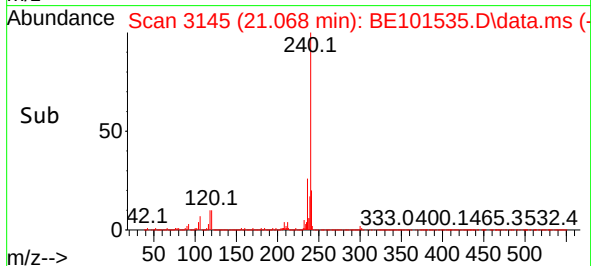
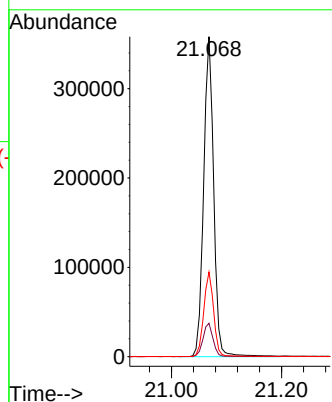
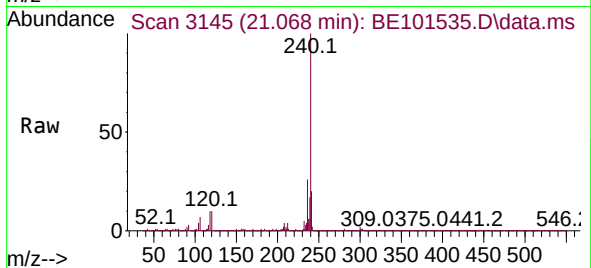
Tgt Ion:240 Resp: 453182

Ion Ratio Lower Upper

240 100

120 10.5 8.2 12.4

236 26.5 21.4 32.2



#79

Terphenyl-d14

Concen: 107.956 ng

RT: 19.505 min Scan# 2879

Delta R.T. 0.003 min

Lab File: BE101535.D

Acq: 7 Nov 2024 17:30

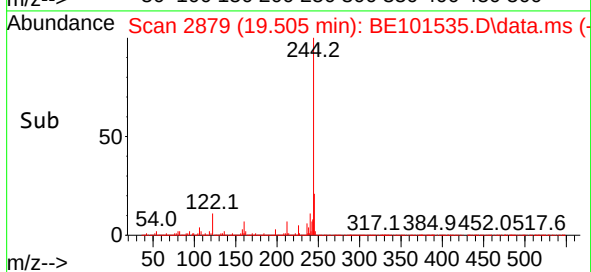
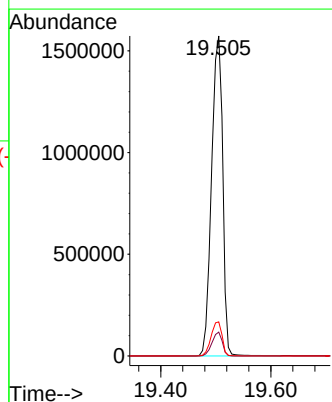
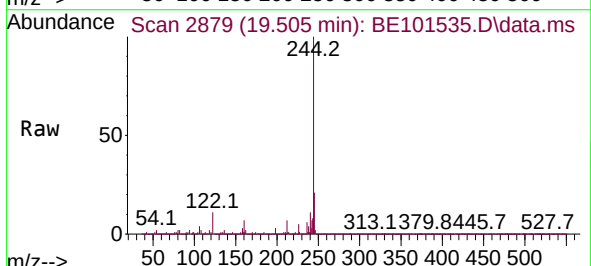
Tgt Ion:244 Resp: 2210173

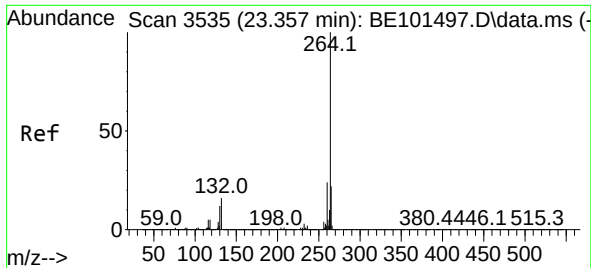
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

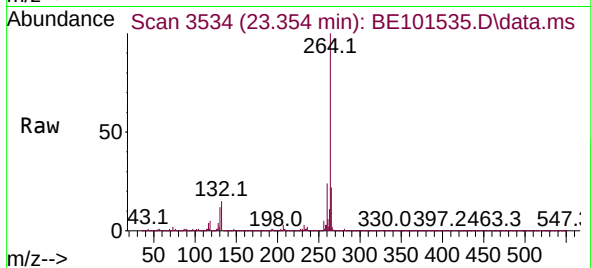
122 10.6 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.354 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BE101535.D
 Acq: 7 Nov 2024 17:30

Instrument :
 BNA_E
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Tgt Ion:264 Resp: 596162
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.9 17.4 26.2

