

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101578.D
 Acq On : 12 Nov 2024 12:29
 Operator : RC/JU
 Sample : P4722-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WC-1(0-6)

Quant Time: Nov 12 13:03:05 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)

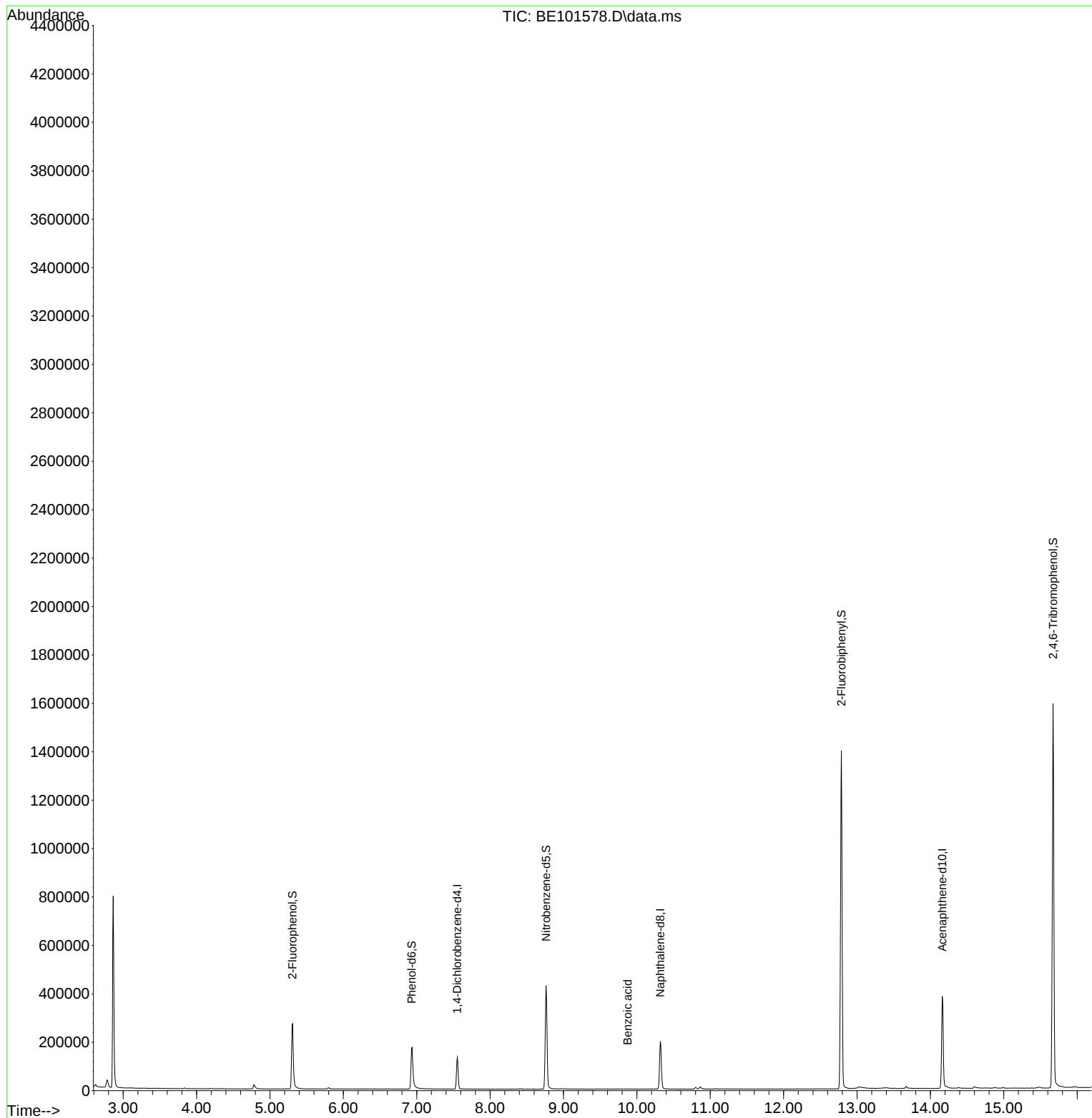
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	37247	20.000	ng	-0.01
21) Naphthalene-d8	10.320	136	175455	20.000	ng	-0.01
39) Acenaphthene-d10	14.163	164	135773	20.000	ng	-0.01
64) Phenanthrene-d10	16.901	188	333737	20.000	ng	-0.01
76) Chrysene-d12	21.060	240	375483	20.000	ng	-0.02
86) Perylene-d12	23.346	264	475775	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.308	112	141573	67.207	ng	0.00
7) Phenol-d6	6.930	99	132207	45.775	ng	-0.02
23) Nitrobenzene-d5	8.763	82	260141	93.652	ng	-0.01
42) 2,4,6-Tribromophenol	15.673	330	389053	152.281	ng	-0.01
45) 2-Fluorobiphenyl	12.788	172	746659	89.793	ng	-0.01
79) Terphenyl-d14	19.498	244	1890961	111.477	ng	0.00
Target Compounds						
32) Benzoic acid	9.874	122	26	6.847	ng	Qvalue # 27

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

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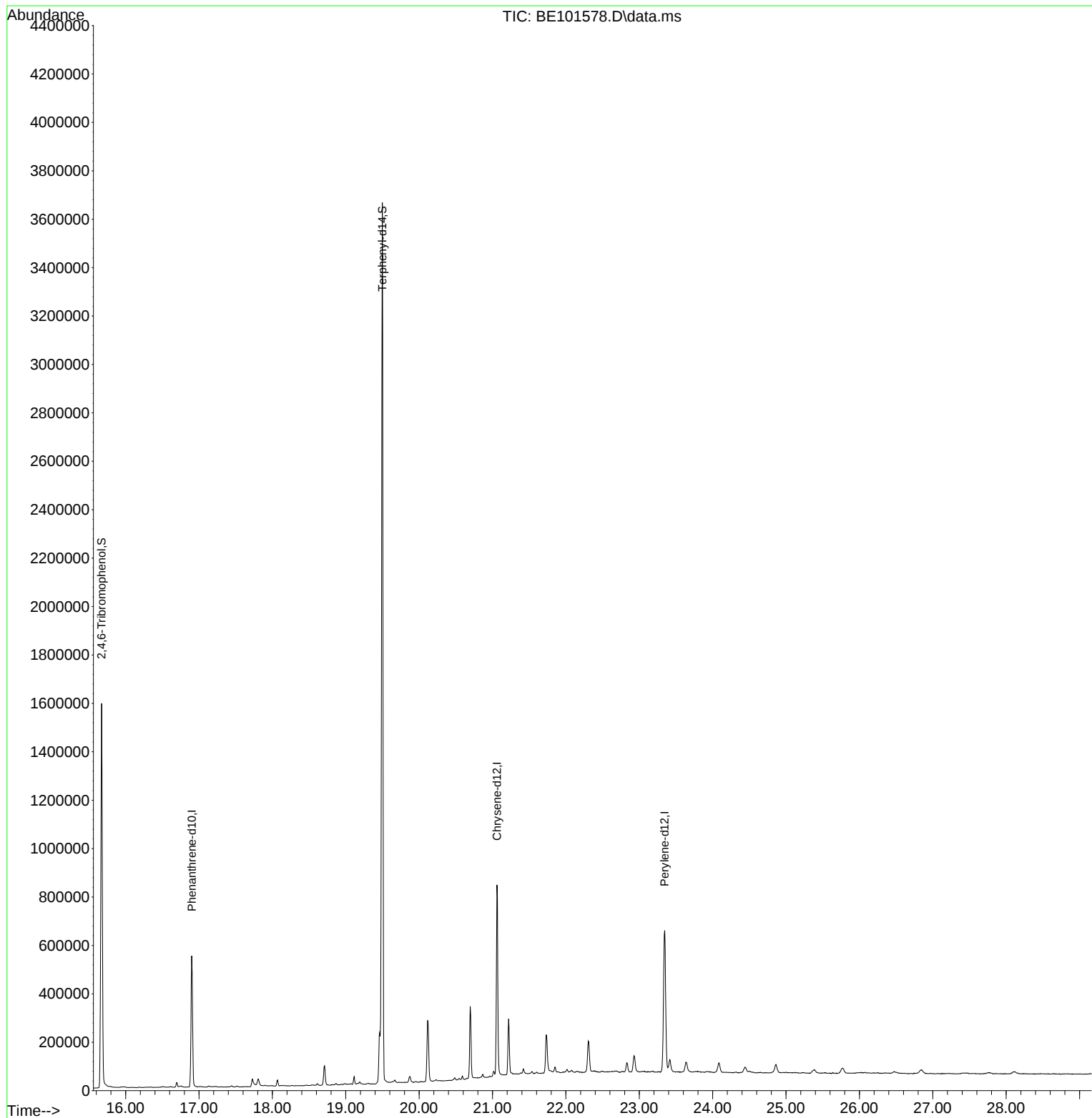
Quant Time: Nov 12 13:03:05 2024
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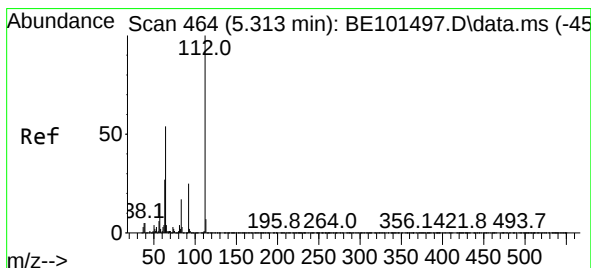
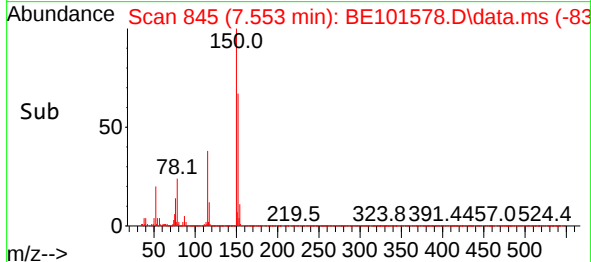
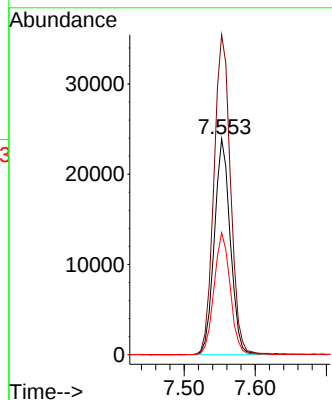
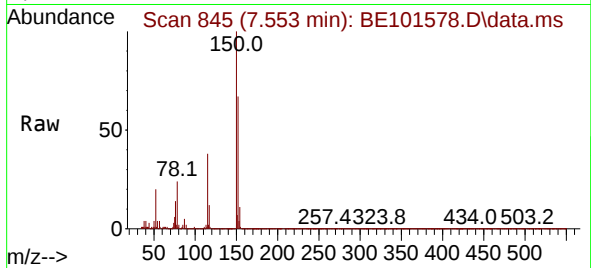




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.553 min Scan# 847
Delta R.T. -0.010 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

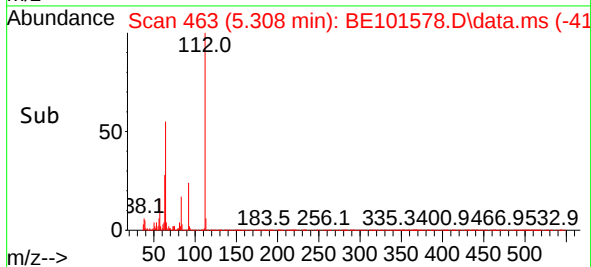
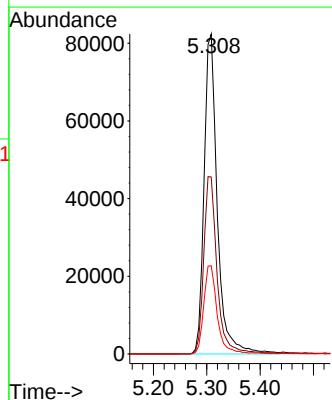
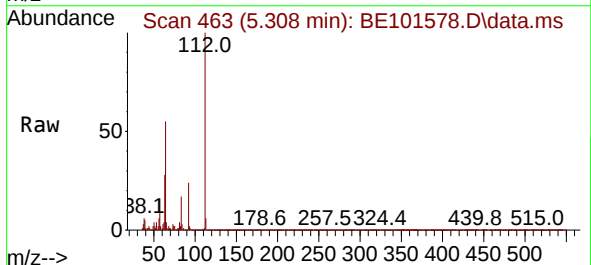
Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

Tgt Ion:152 Resp: 37247
Ion Ratio Lower Upper
152 100
150 148.3 126.3 189.5
115 56.5 45.0 67.4



#5
2-Fluorophenol
Concen: 67.207 ng
RT: 5.308 min Scan# 463
Delta R.T. -0.005 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

Tgt Ion:112 Resp: 141573
Ion Ratio Lower Upper
112 100
64 55.3 43.2 64.8
63 27.6 21.8 32.6

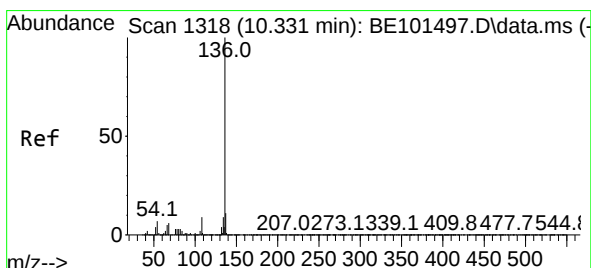
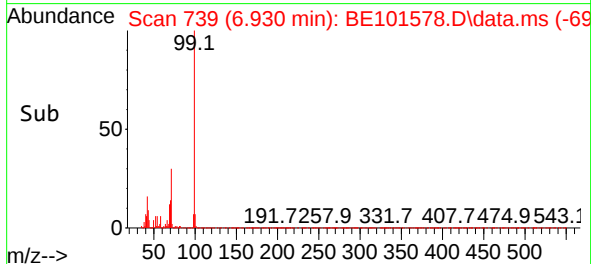
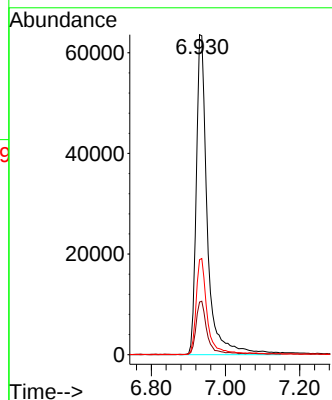
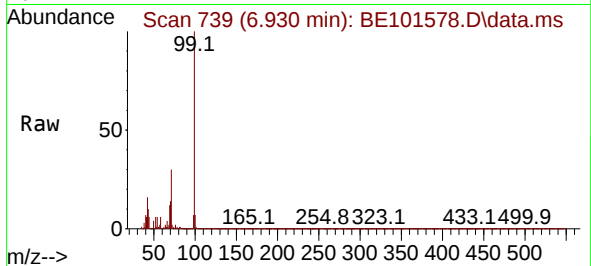




#7
Phenol-d6
Concen: 45.775 ng
RT: 6.930 min Scan# 71
Delta R.T. -0.016 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

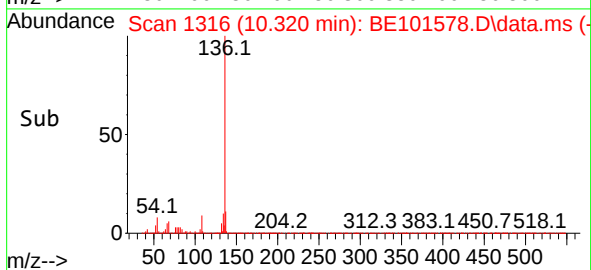
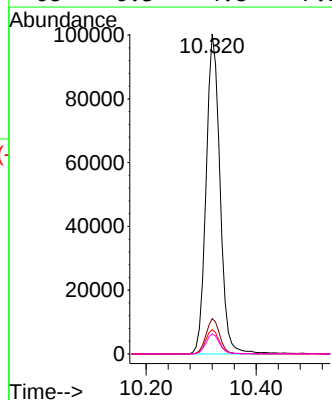
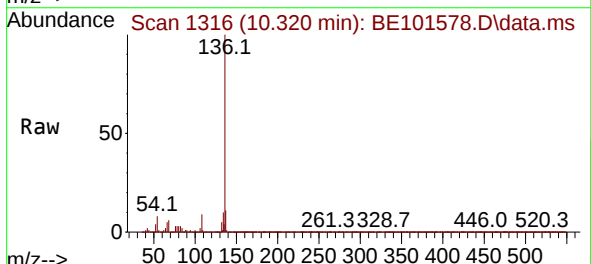
Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

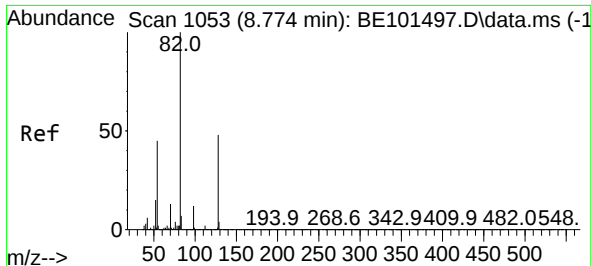
Tgt Ion: 99 Resp: 132207
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 29.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.011 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

Tgt Ion: 136 Resp: 175455
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.6 5.6 8.4
68 6.3 4.8 7.2

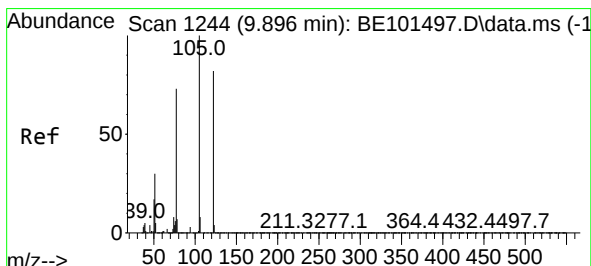
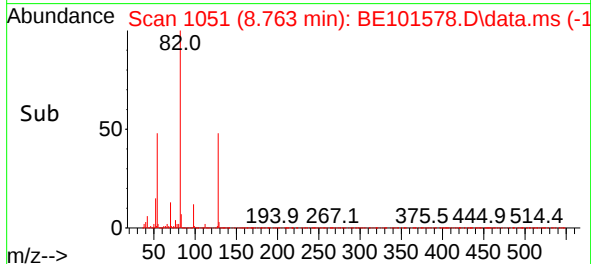
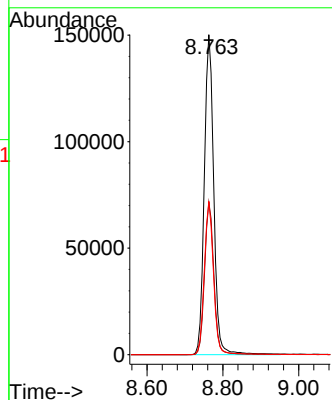
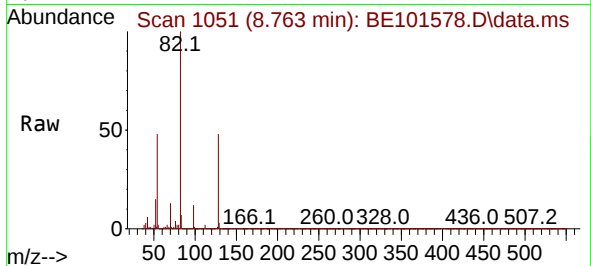




#23
Nitrobenzene-d5
Concen: 93.652 ng
RT: 8.763 min Scan# 1051
Delta R.T. -0.011 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

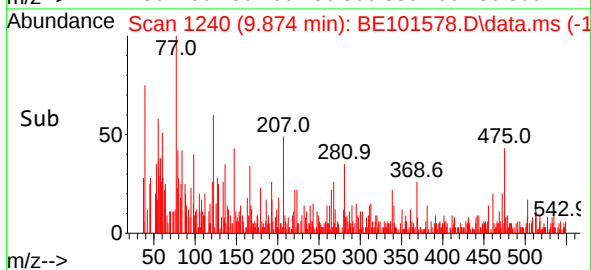
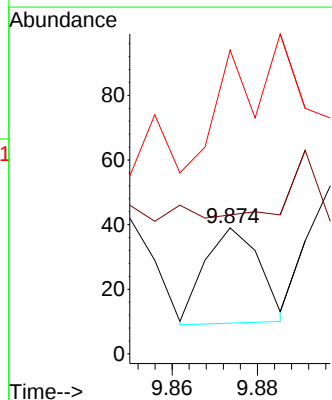
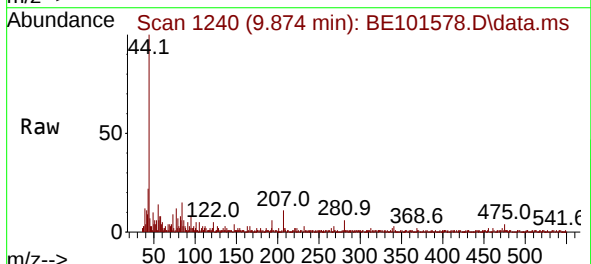
Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

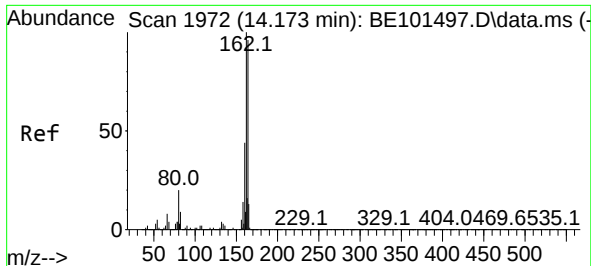
Tgt Ion: 82 Resp: 260141
Ion Ratio Lower Upper
82 100
128 47.7 38.6 58.0
54 47.9 36.3 54.5



#32
Benzoic acid
Concen: 6.847 ng
RT: 9.874 min Scan# 1240
Delta R.T. -0.022 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

Tgt Ion: 122 Resp: 26
Ion Ratio Lower Upper
122 100
105 128.2 100.6 140.6
77 241.0 68.6 108.6#

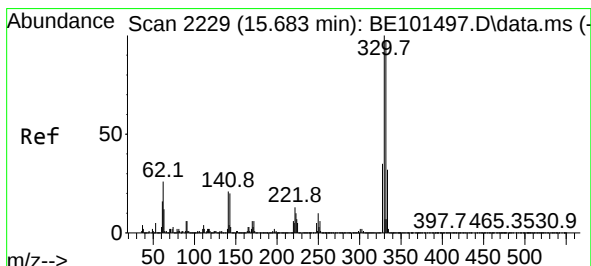
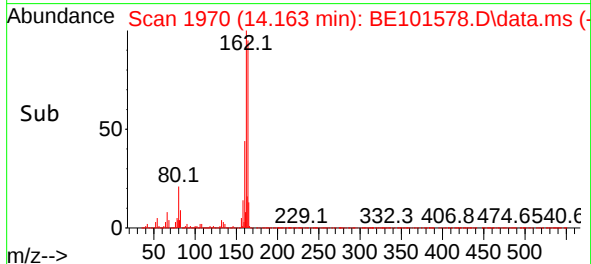
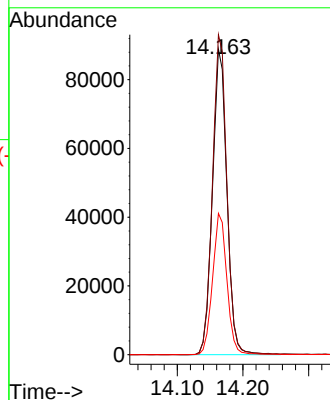
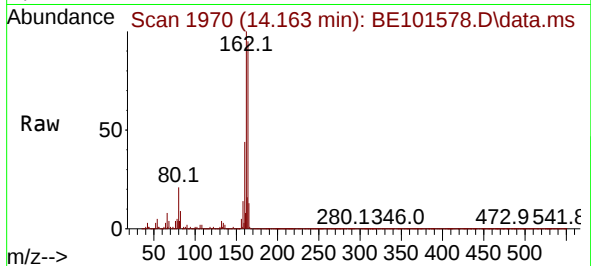




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

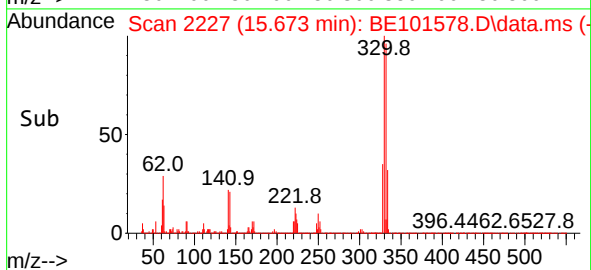
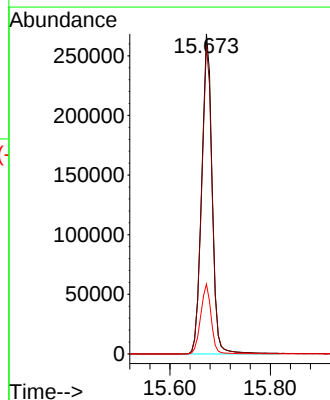
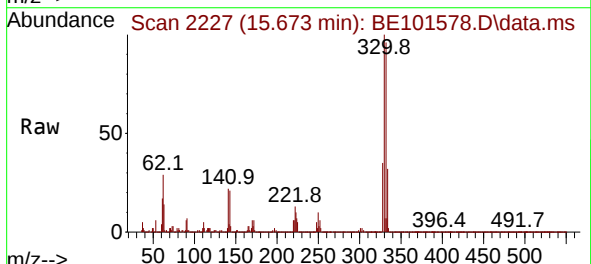
Instrument :
BNA_E
ClientSampleId :
WC-1(0-6)

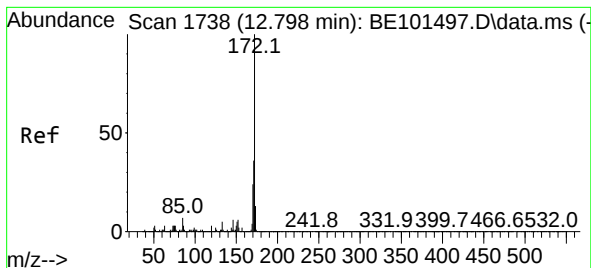
Tgt Ion:164 Resp: 135773
Ion Ratio Lower Upper
164 100
162 104.8 83.7 125.5
160 46.3 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 152.281 ng
RT: 15.673 min Scan# 2227
Delta R.T. -0.011 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

Tgt Ion:330 Resp: 389053
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 21.6 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 89.793 ng

RT: 12.788 min Scan# 1

Delta R.T. -0.011 min

Lab File: BE101578.D

Acq: 12 Nov 2024 12:29

Instrument :

BNA_E

ClientSampleId :

WC-1(0-6)

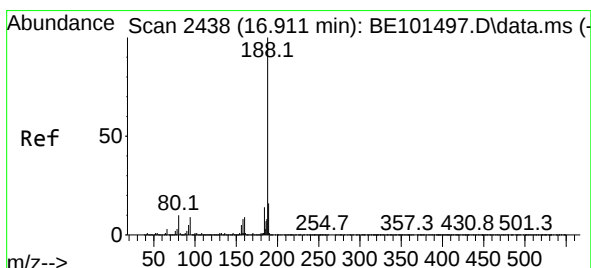
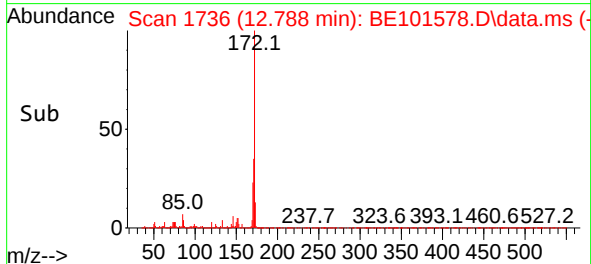
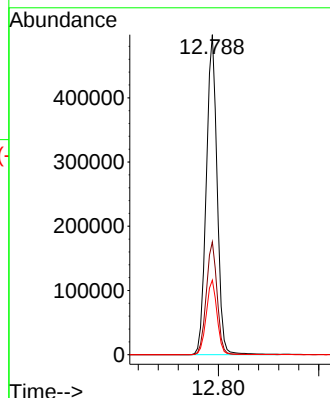
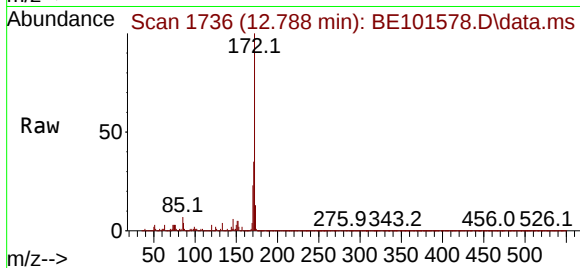
Tgt Ion:172 Resp: 746659

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.3 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.901 min Scan# 2436

Delta R.T. -0.011 min

Lab File: BE101578.D

Acq: 12 Nov 2024 12:29

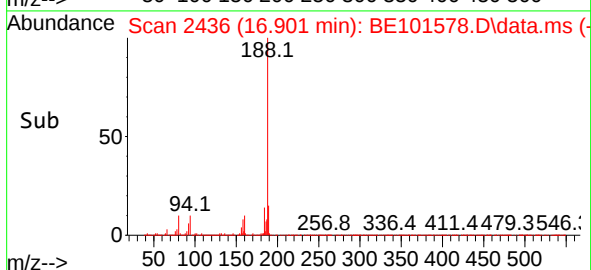
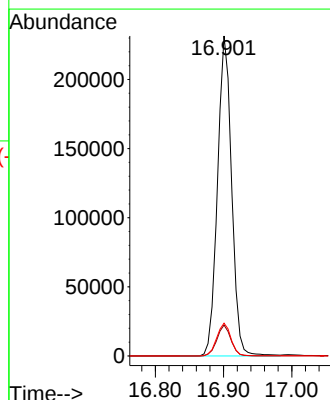
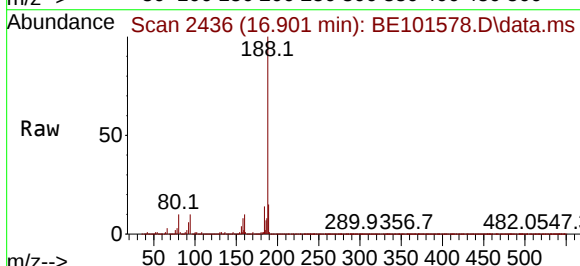
Tgt Ion:188 Resp: 333737

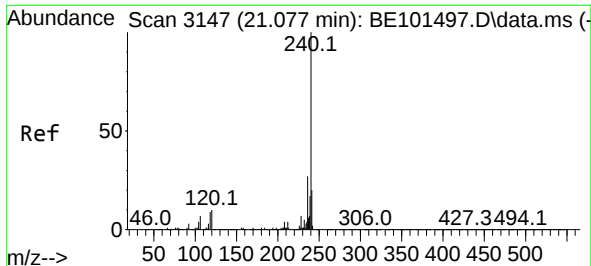
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.2 8.0 12.0

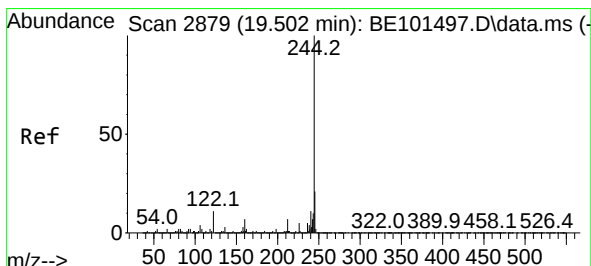
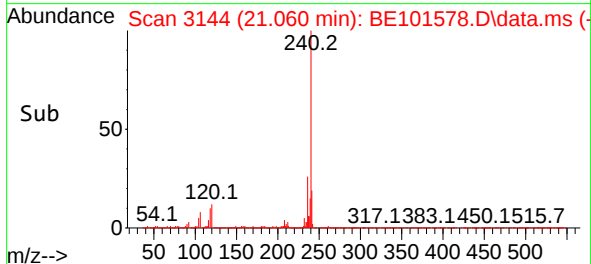
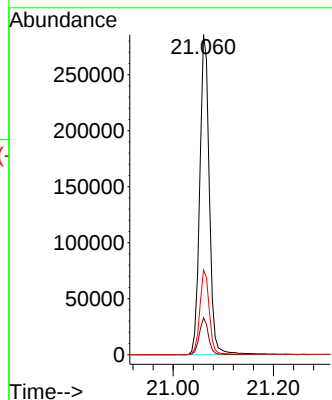
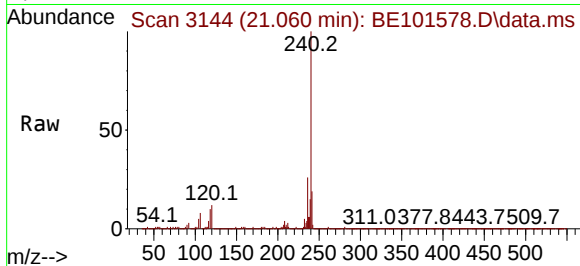




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.060 min Scan# 3144
Delta R.T. -0.016 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

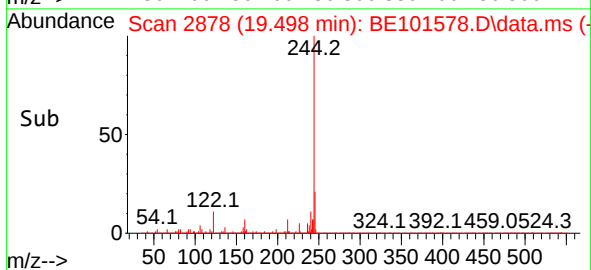
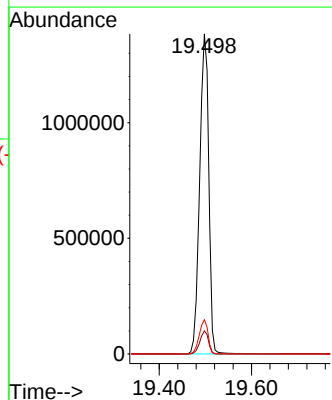
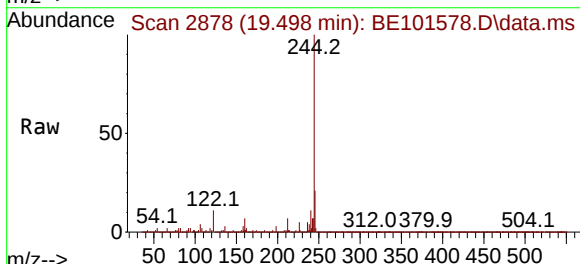
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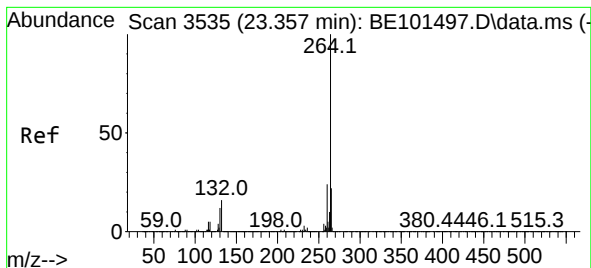
Tgt Ion:240 Resp: 375483
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.4
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 111.477 ng
RT: 19.498 min Scan# 2878
Delta R.T. -0.005 min
Lab File: BE101578.D
Acq: 12 Nov 2024 12:29

Tgt Ion:244 Resp: 1890961
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 10.7 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.346 min Scan# 3

Delta R.T. -0.011 min

Lab File: BE101578.D

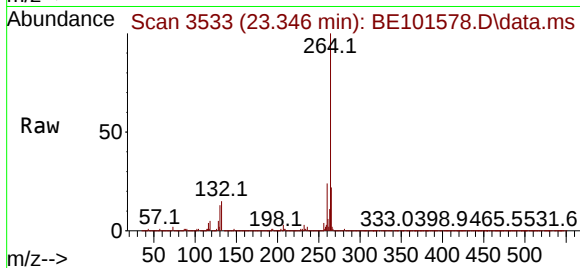
Acq: 12 Nov 2024 12:29

Instrument :

BNA_E

ClientSampleId :

WC-1(0-6)



Tgt Ion:264 Resp: 475775

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.6 17.4 26.2

