

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111224\
 Data File : BE101580.D
 Acq On : 12 Nov 2024 13:38
 Operator : RC/JU
 Sample : P4722-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WC-3(0-6)

Quant Time: Nov 12 14:09:34 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)

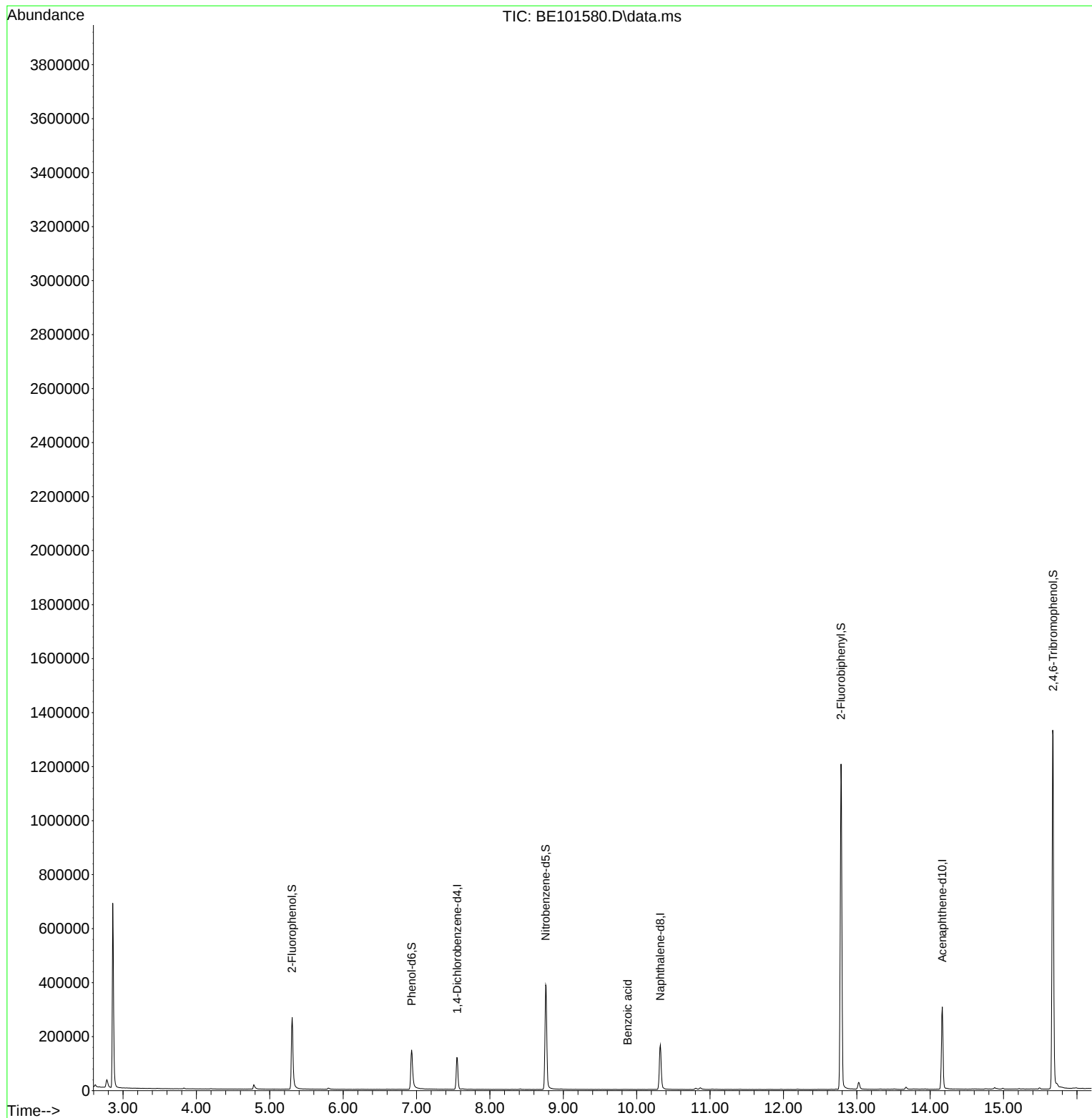
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.556	152	34645	20.000	ng	0.00
21) Naphthalene-d8	10.323	136	155605	20.000	ng	0.00
39) Acenaphthene-d10	14.166	164	110687	20.000	ng	0.00
64) Phenanthrene-d10	16.904	188	269350	20.000	ng	0.00
76) Chrysene-d12	21.063	240	314208	20.000	ng	-0.01
86) Perylene-d12	23.343	264	409924	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	136411	69.620	ng	0.00
7) Phenol-d6	6.933	99	112470	41.866	ng	-0.01
23) Nitrobenzene-d5	8.760	82	242123	98.285	ng	-0.01
42) 2,4,6-Tribromophenol	15.676	330	334056	160.388	ng	0.00
45) 2-Fluorobiphenyl	12.785	172	667349	98.444	ng	-0.01
79) Terphenyl-d14	19.500	244	1730505	121.912	ng	0.00
Target Compounds						
32) Benzoic acid	9.876	122	7	6.838	ng	Qvalue # 1

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

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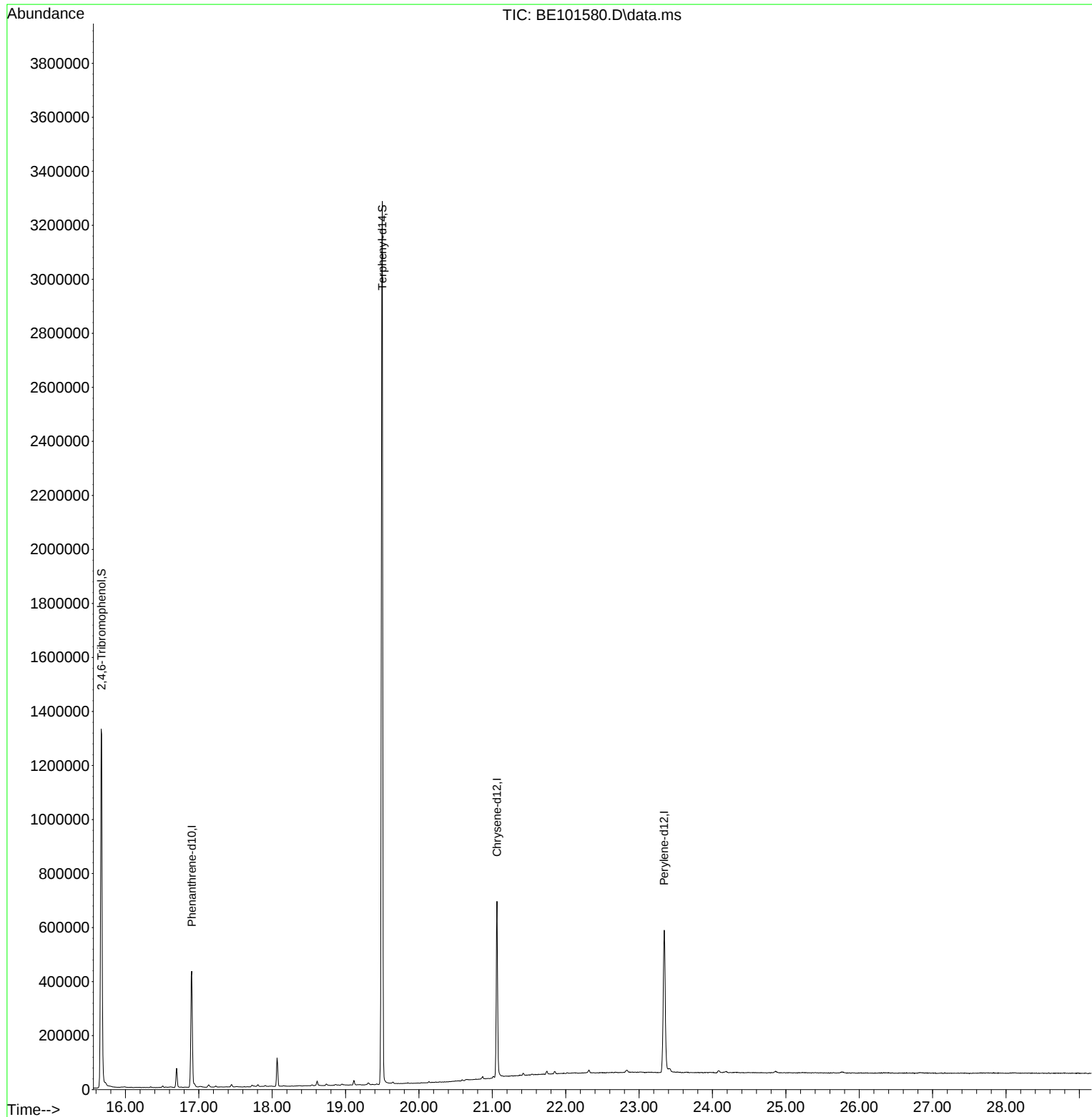
Quant Time: Nov 12 14:09:34 2024
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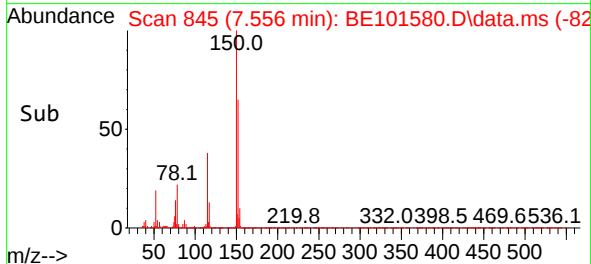
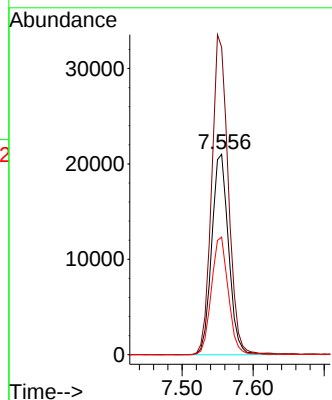
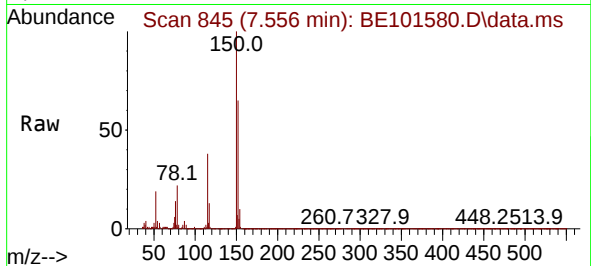




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.556 min Scan# 84
Delta R.T. -0.007 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

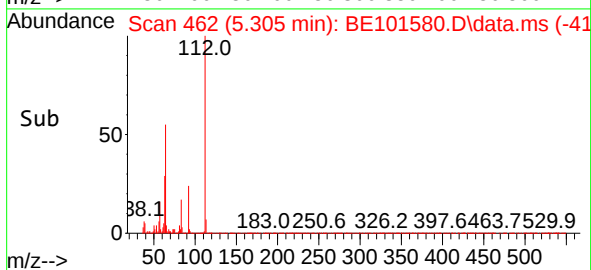
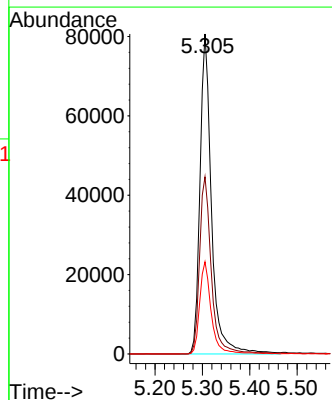
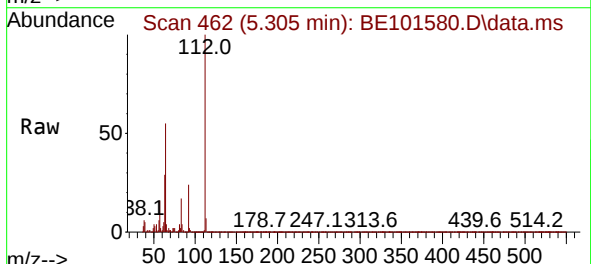
Instrument :
BNA_E
ClientSampleId :
WC-3(0-6)

Tgt Ion:152 Resp: 34645
Ion Ratio Lower Upper
152 100
150 153.5 126.3 189.5
115 58.7 45.0 67.4



#5
2-Fluorophenol
Concen: 69.620 ng
RT: 5.305 min Scan# 462
Delta R.T. -0.008 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

Tgt Ion:112 Resp: 136411
Ion Ratio Lower Upper
112 100
64 55.3 43.2 64.8
63 28.8 21.8 32.6

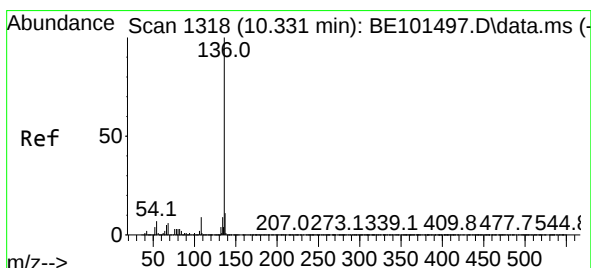
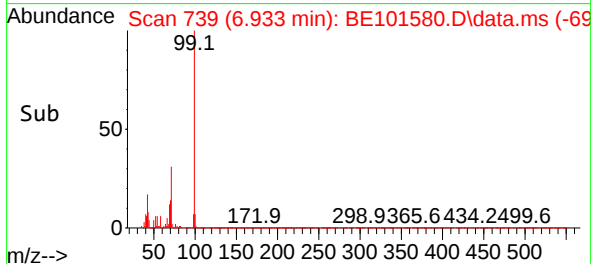
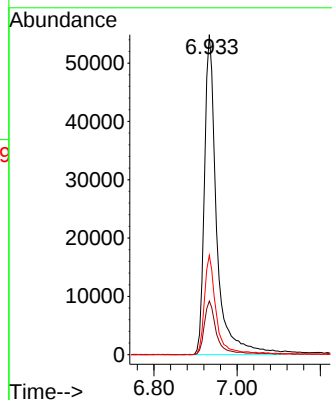
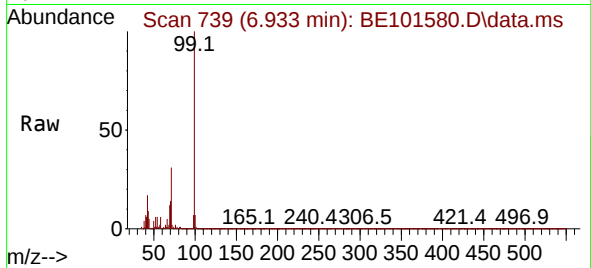




#7
Phenol-d6
Concen: 41.866 ng
RT: 6.933 min Scan# 71
Delta R.T. -0.013 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

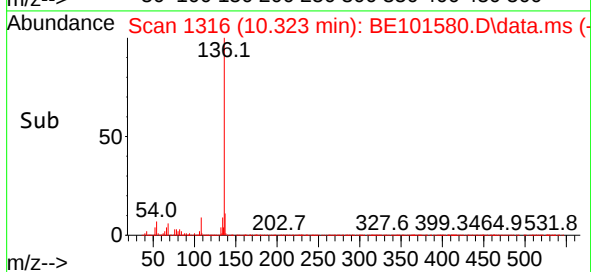
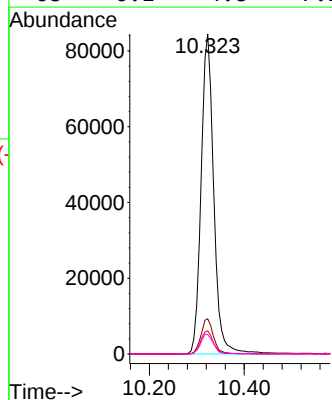
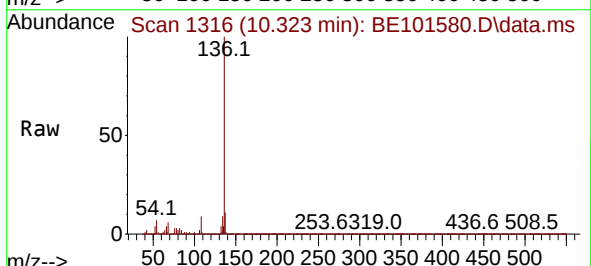
Instrument :
BNA_E
ClientSampleId :
WC-3(0-6)

Tgt Ion: 99 Resp: 112470
Ion Ratio Lower Upper
99 100
42 16.7 12.5 18.7
71 31.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.323 min Scan# 1316
Delta R.T. -0.008 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

Tgt Ion: 136 Resp: 155605
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.2 5.6 8.4
68 6.1 4.8 7.2

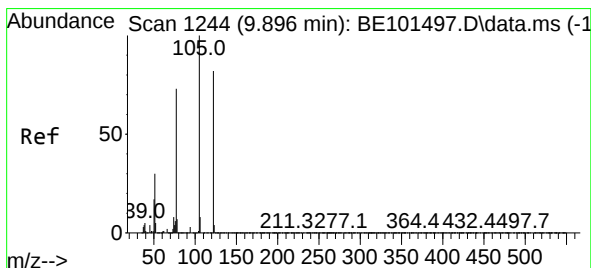
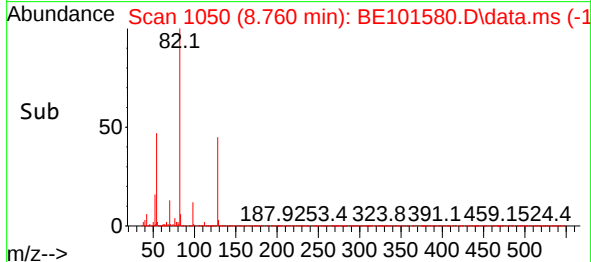
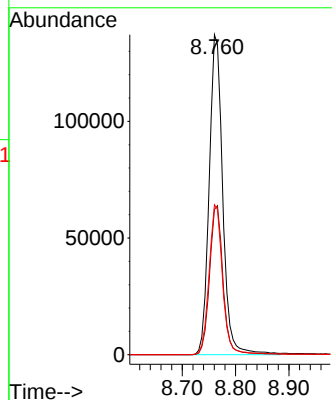
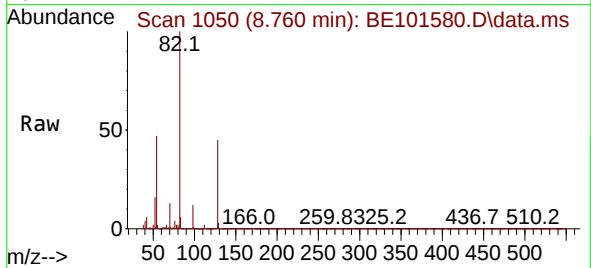




#23
Nitrobenzene-d5
Concen: 98.285 ng
RT: 8.760 min Scan# 1053
Delta R.T. -0.013 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

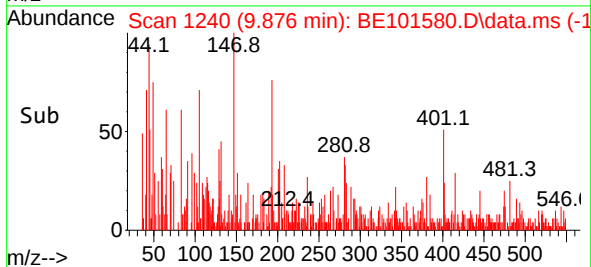
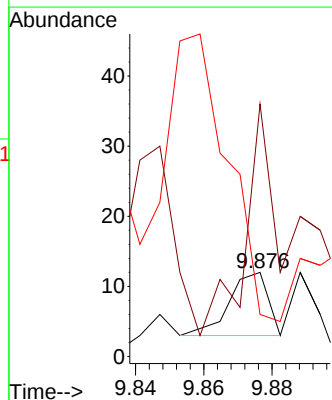
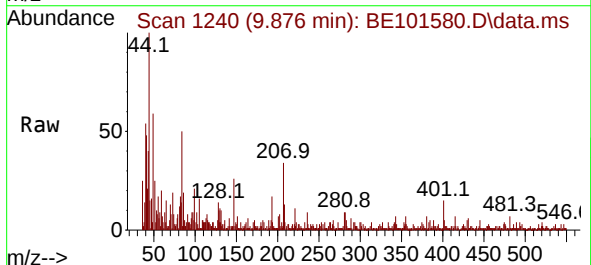
Instrument :
BNA_E
ClientSampleId :
WC-3(0-6)

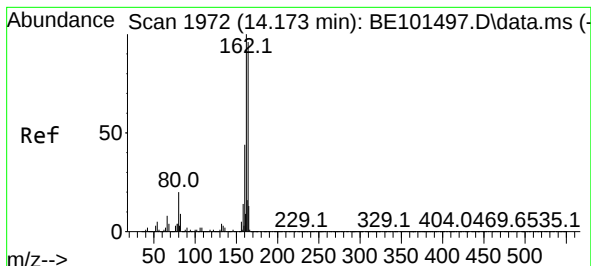
Tgt Ion: 82 Resp: 242123
Ion Ratio Lower Upper
82 100
128 45.4 38.6 58.0
54 46.8 36.3 54.5



#32
Benzoic acid
Concen: 6.838 ng
RT: 9.876 min Scan# 1240
Delta R.T. -0.020 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

Tgt Ion: 122 Resp: 7
Ion Ratio Lower Upper
122 100
105 316.7 100.6 140.6#
77 50.0 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.166 min Scan# 1972

Delta R.T. -0.008 min

Lab File: BE101580.D

Acq: 12 Nov 2024 13:38

Instrument :

BNA_E

ClientSampleId :

WC-3(0-6)

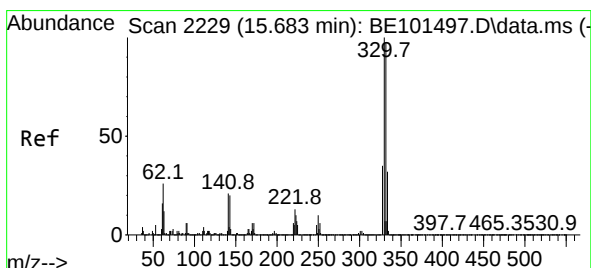
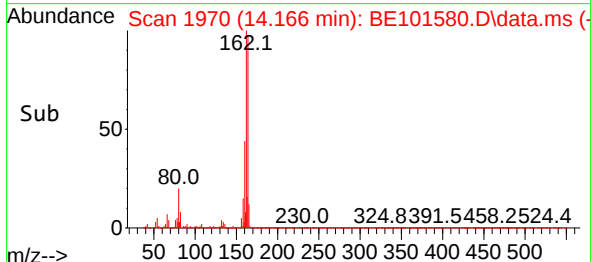
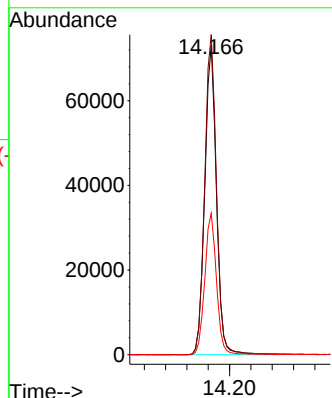
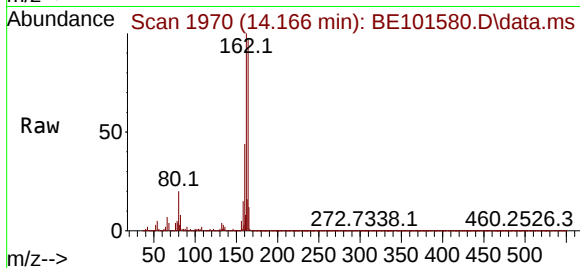
Tgt Ion:164 Resp: 110687

Ion Ratio Lower Upper

164 100

162 103.4 83.7 125.5

160 45.7 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 160.388 ng

RT: 15.676 min Scan# 2227

Delta R.T. -0.008 min

Lab File: BE101580.D

Acq: 12 Nov 2024 13:38

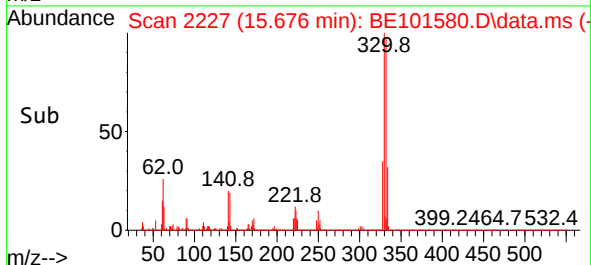
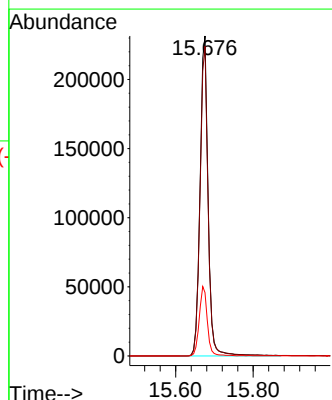
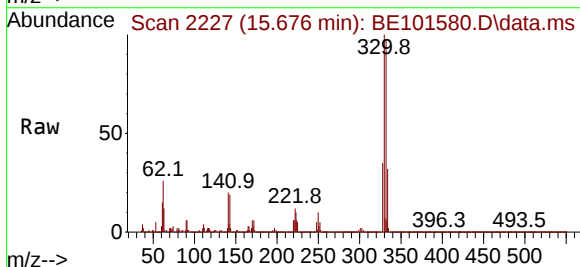
Tgt Ion:330 Resp: 334056

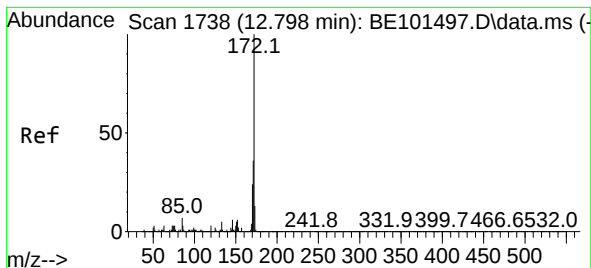
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 21.7 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 98.444 ng

RT: 12.785 min Scan# 1

Delta R.T. -0.013 min

Lab File: BE101580.D

Acq: 12 Nov 2024 13:38

Instrument :

BNA_E

ClientSampleId :

WC-3(0-6)

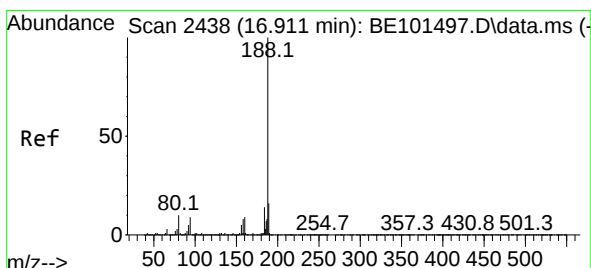
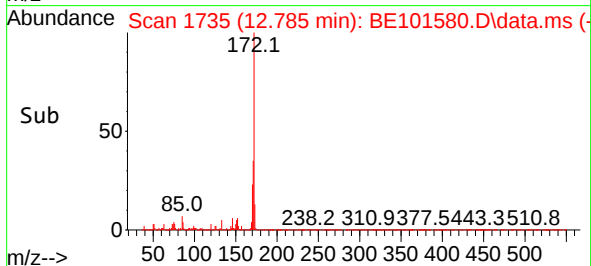
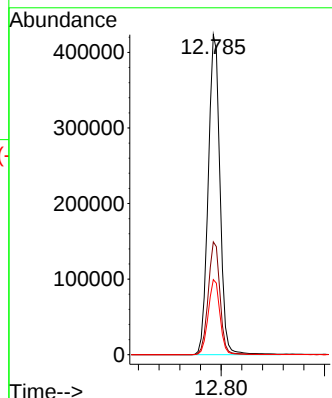
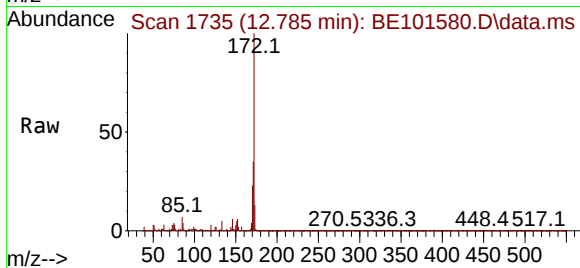
Tgt Ion:172 Resp: 667349

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.5 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.904 min Scan# 2436

Delta R.T. -0.008 min

Lab File: BE101580.D

Acq: 12 Nov 2024 13:38

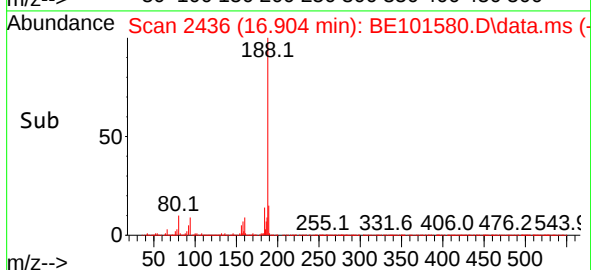
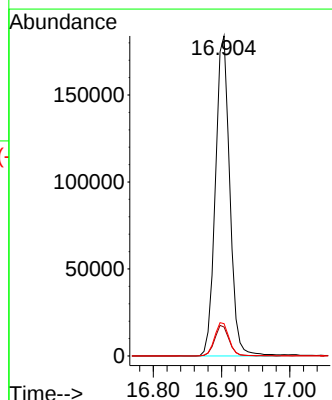
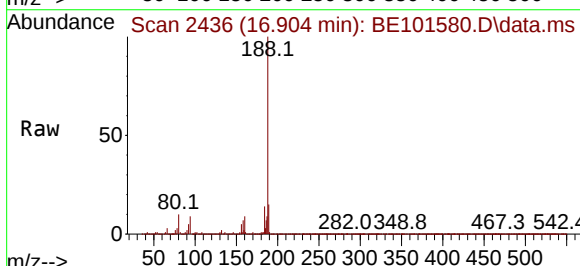
Tgt Ion:188 Resp: 269350

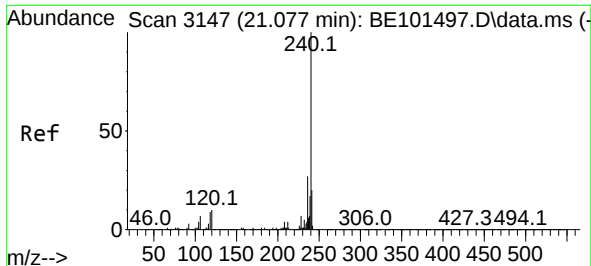
Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 10.1 8.0 12.0

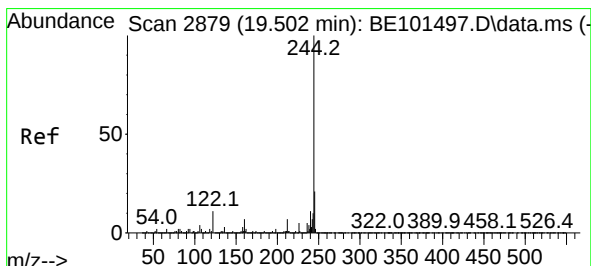
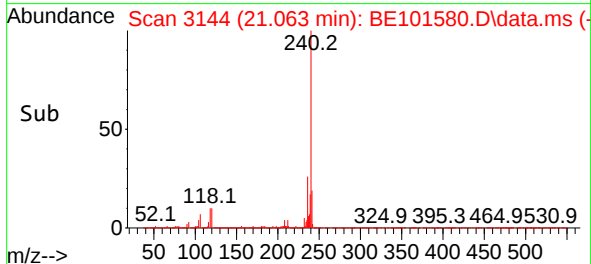
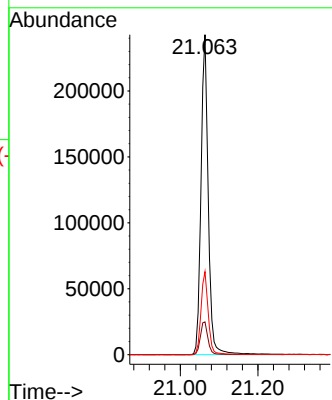
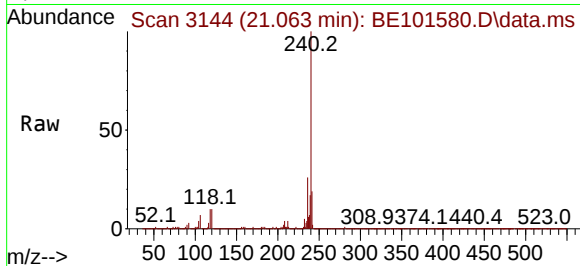




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.063 min Scan# 3147
Delta R.T. -0.013 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

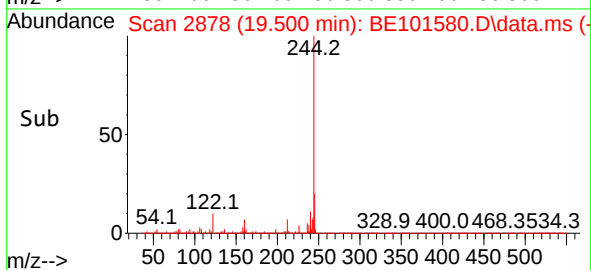
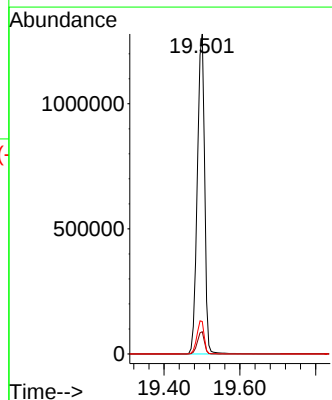
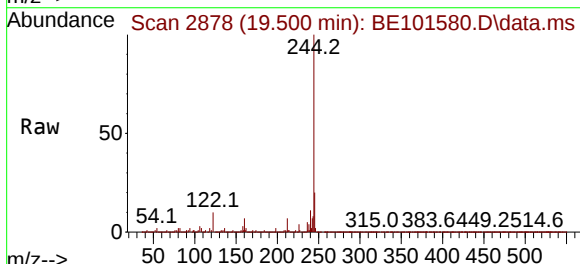
Instrument :
BNA_E
ClientSampleId :
WC-3(0-6)

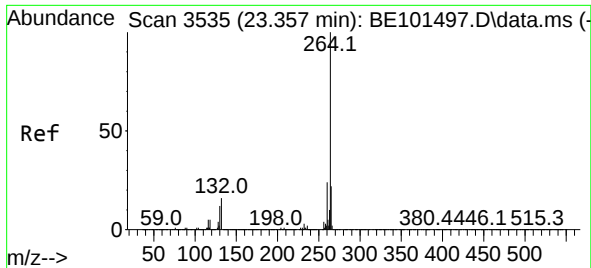
Tgt Ion:240 Resp: 314208
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.4
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 121.912 ng
RT: 19.500 min Scan# 2878
Delta R.T. -0.002 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

Tgt Ion:244 Resp: 1730505
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.1 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.343 min Scan# 31
Delta R.T. -0.013 min
Lab File: BE101580.D
Acq: 12 Nov 2024 13:38

Instrument :
BNA_E
ClientSampleId :
WC-3(0-6)

Tgt Ion:264 Resp: 409924

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	21.7	17.4	26.2

