

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101512.D
 Acq On : 7 Nov 2024 1:14
 Operator : RC/JU
 Sample : P4659-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-2

Quant Time: Nov 07 01:54:18 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)

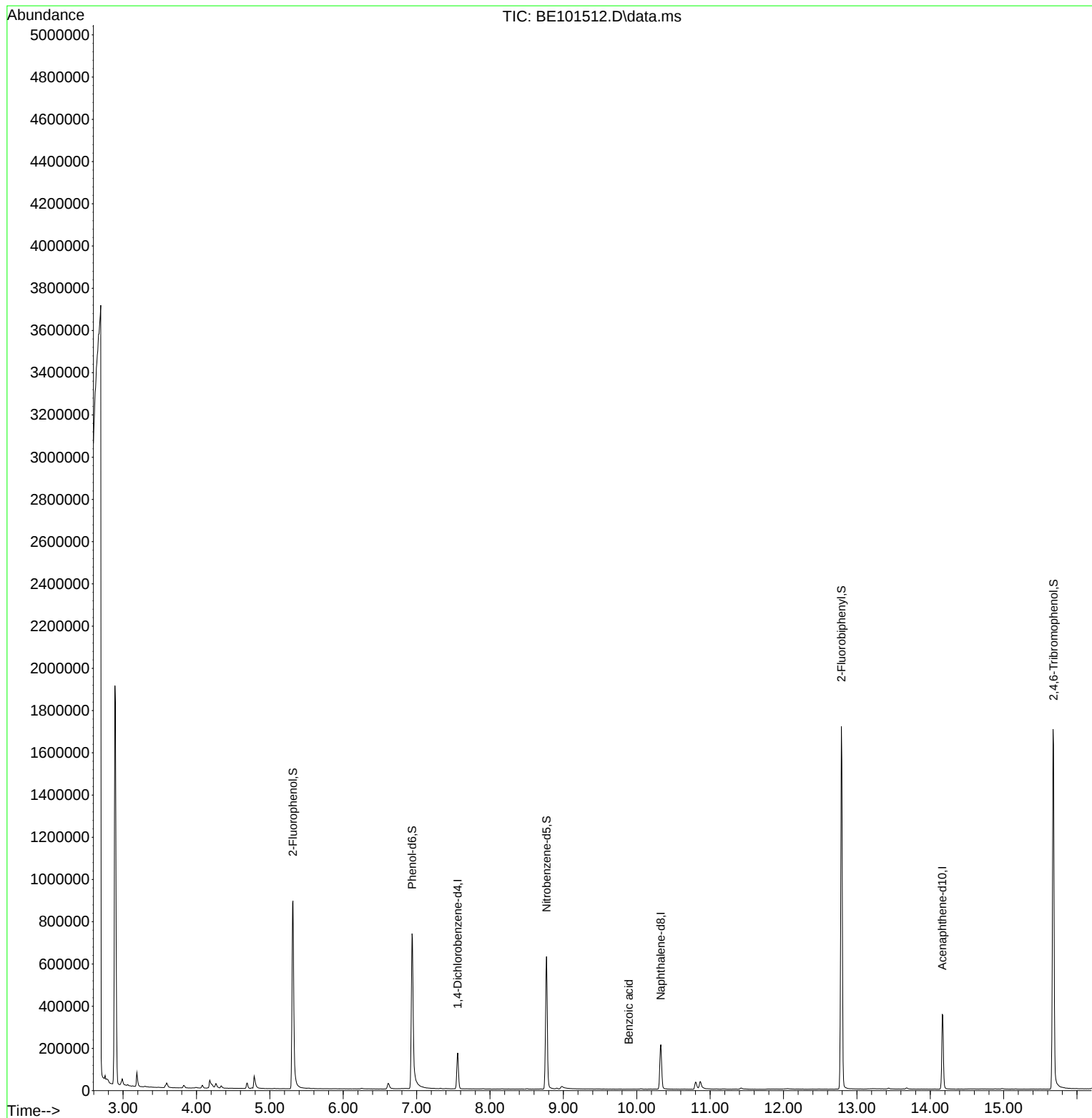
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	47980	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	196757	20.000	ng	0.00
39) Acenaphthene-d10	14.164	164	127350	20.000	ng	0.00
64) Phenanthrene-d10	16.908	188	321187	20.000	ng	0.00
76) Chrysene-d12	21.068	240	413234	20.000	ng	0.00
86) Perylene-d12	23.348	264	236116	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	477934	176.130	ng	0.00
7) Phenol-d6	6.937	99	553475	148.765	ng	0.00
23) Nitrobenzene-d5	8.771	82	375020	120.393	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	450881	188.154	ng	0.00
45) 2-Fluorobiphenyl	12.789	172	923860	118.451	ng	0.00
79) Terphenyl-d14	19.499	244	2268510	121.517	ng	0.00
Target Compounds						
32) Benzoic acid	9.893	122	42	6.853	ng	Qvalue # 55

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

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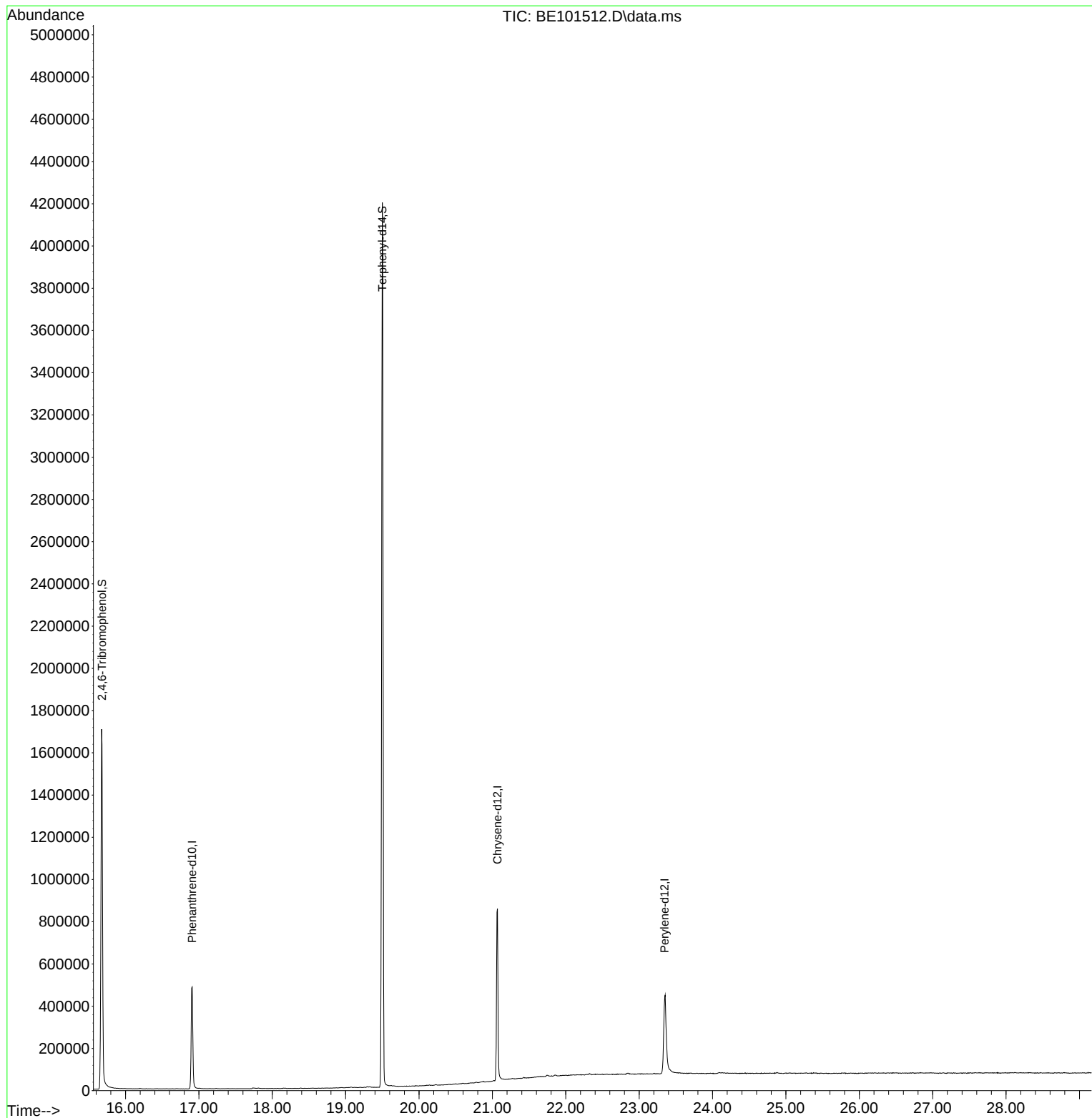
Quant Time: Nov 07 01:54:18 2024
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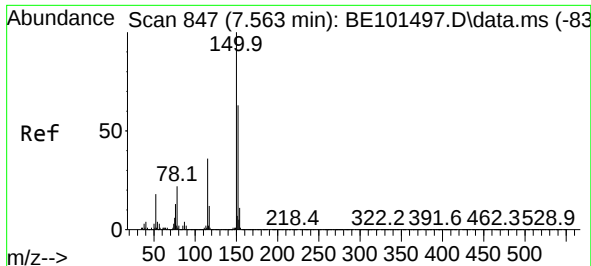


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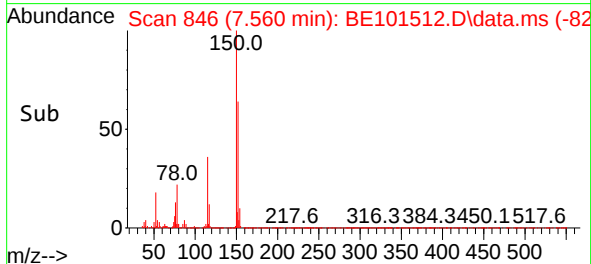
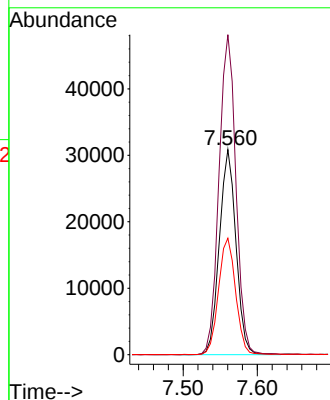
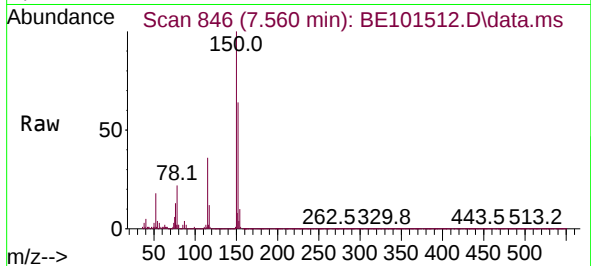




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.560 min Scan# 847
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

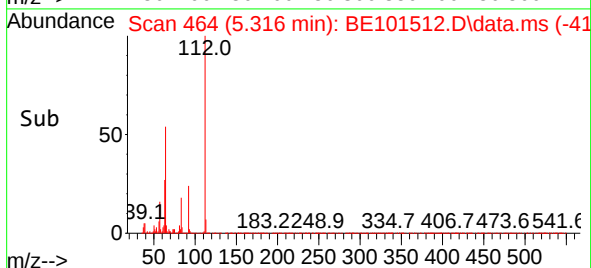
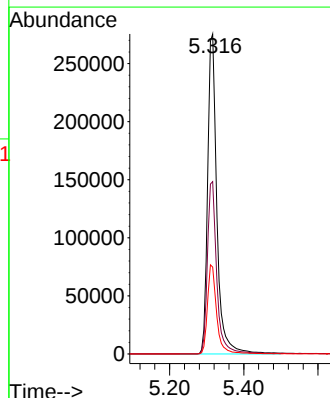
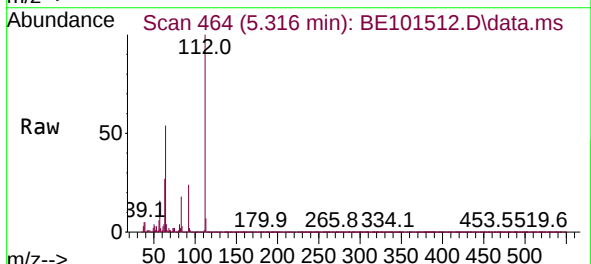
Instrument :
BNA_E
ClientSampleId :
MH-2

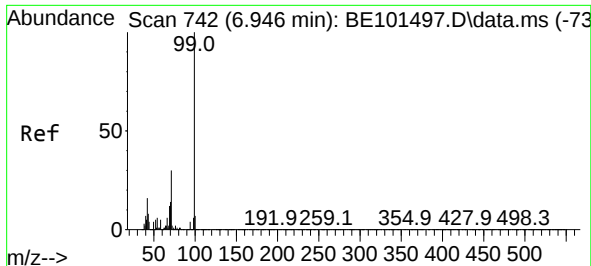
Tgt Ion:152 Resp: 47980
Ion Ratio Lower Upper
152 100
150 156.0 126.3 189.5
115 56.8 45.0 67.4



#5
2-Fluorophenol
Concen: 176.130 ng
RT: 5.316 min Scan# 464
Delta R.T. 0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:112 Resp: 477934
Ion Ratio Lower Upper
112 100
64 53.9 43.2 64.8
63 27.1 21.8 32.6

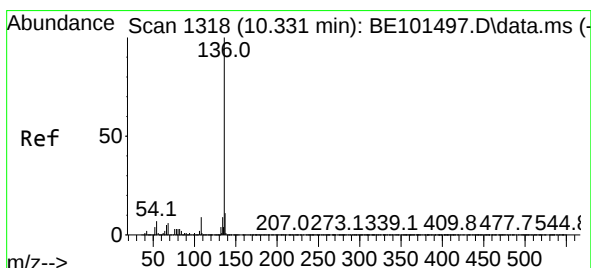
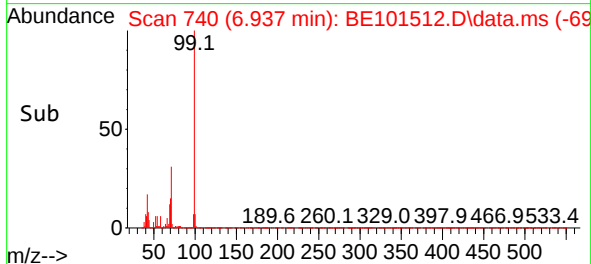
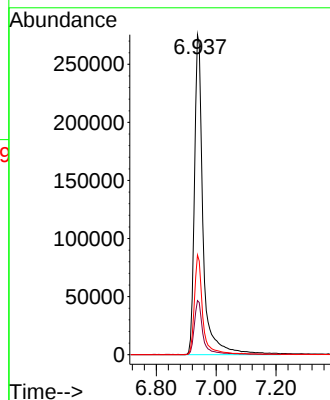
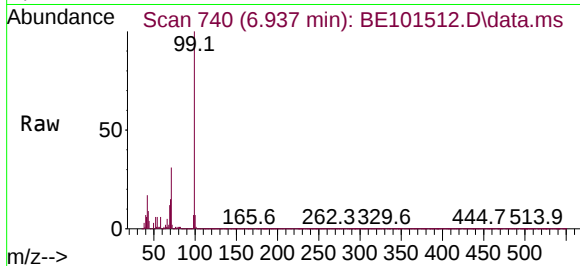




#7
Phenol-d6
Concen: 148.765 ng
RT: 6.937 min Scan# 741
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

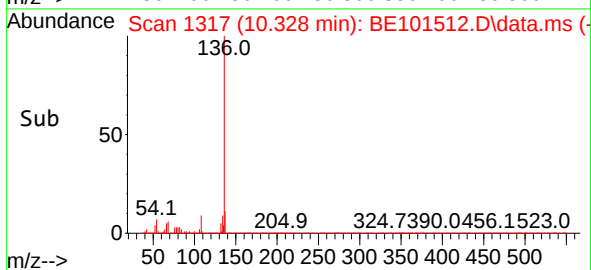
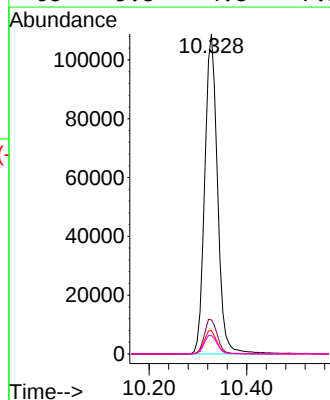
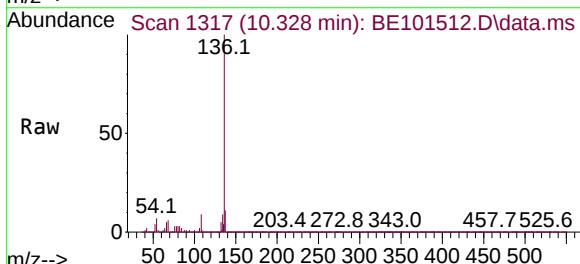
Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion: 99 Resp: 553475
Ion Ratio Lower Upper
99 100
42 16.9 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: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion: 136 Resp: 196757
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.2 5.6 8.4
68 5.8 4.8 7.2

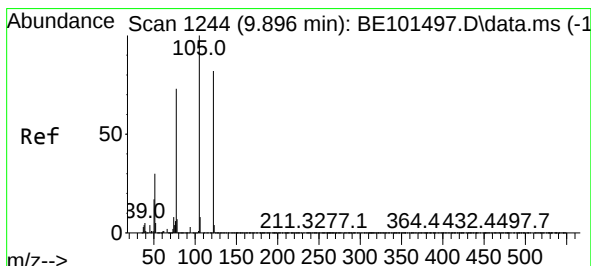
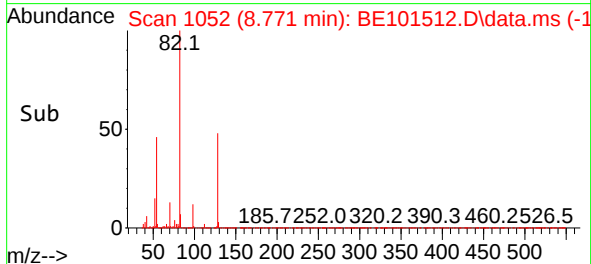
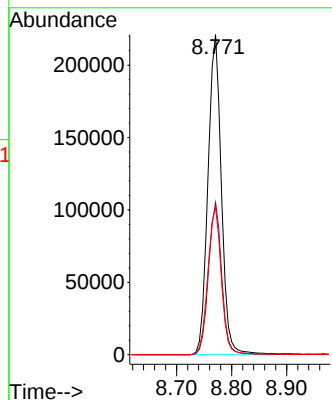
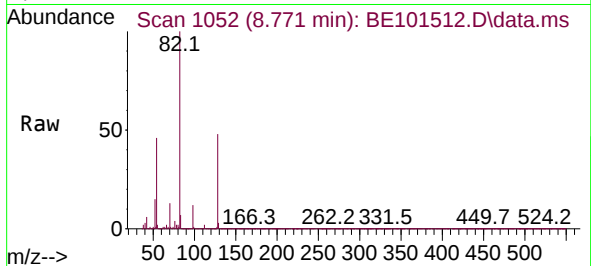




#23
Nitrobenzene-d5
Concen: 120.393 ng
RT: 8.771 min Scan# 1053
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

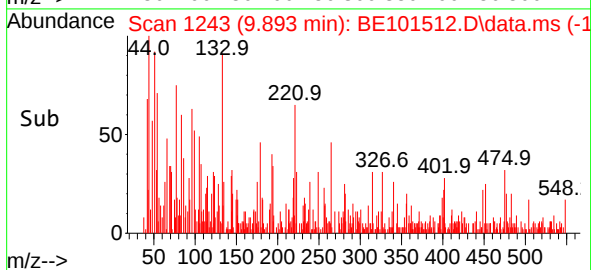
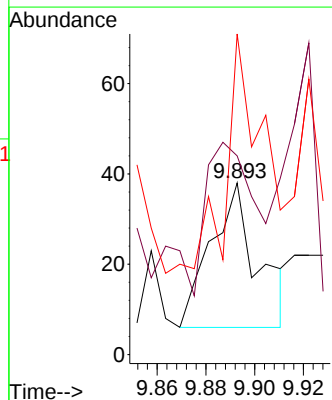
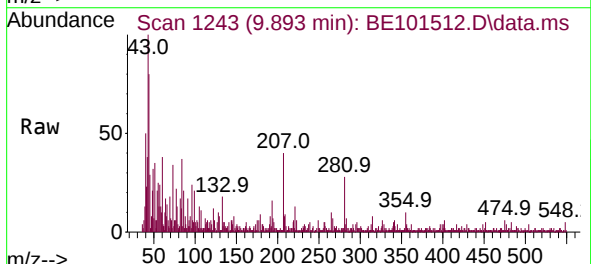
Instrument :
BNA_E
ClientSampleId :
MH-2

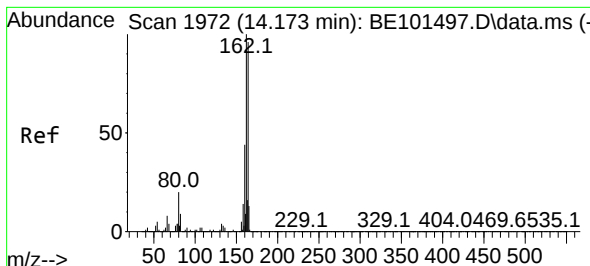
Tgt Ion: 82 Resp: 375020
Ion Ratio Lower Upper
82 100
128 47.6 38.6 58.0
54 46.1 36.3 54.5



#32
Benzoic acid
Concen: 6.853 ng
RT: 9.893 min Scan# 1243
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion: 122 Resp: 42
Ion Ratio Lower Upper
122 100
105 107.3 100.6 140.6
77 173.2 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.164 min Scan# 1972

Delta R.T. -0.009 min

Lab File: BE101512.D

Acq: 7 Nov 2024 1:14

Instrument :

BNA_E

ClientSampleId :

MH-2

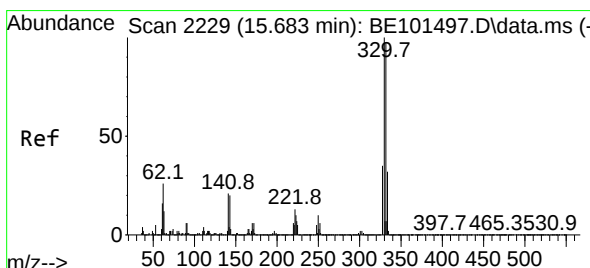
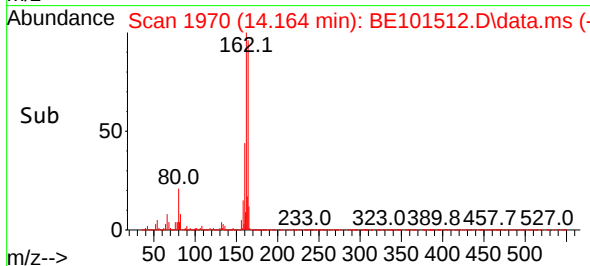
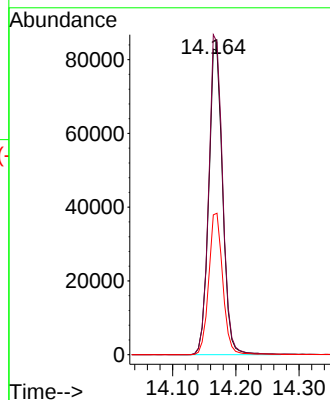
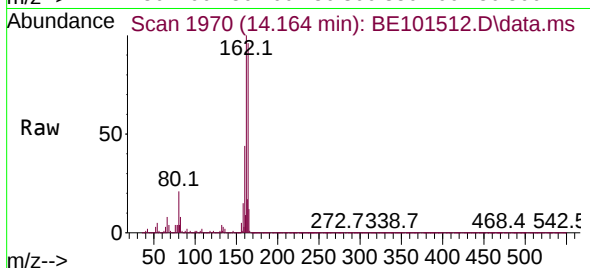
Tgt Ion:164 Resp: 127350

Ion Ratio Lower Upper

164 100

162 104.7 83.7 125.5

160 45.7 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 188.154 ng

RT: 15.680 min Scan# 2228

Delta R.T. -0.003 min

Lab File: BE101512.D

Acq: 7 Nov 2024 1:14

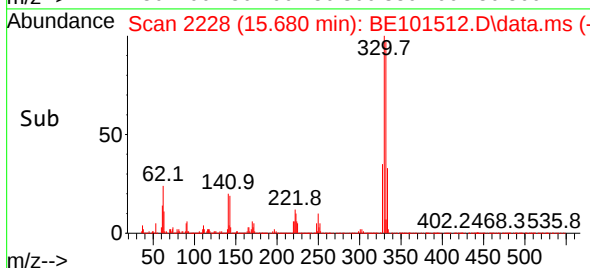
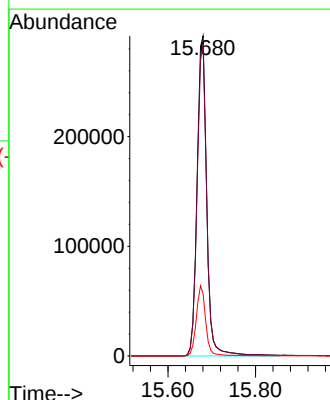
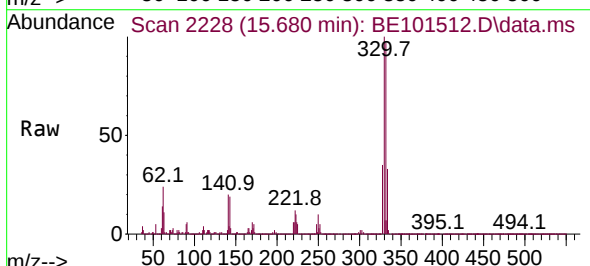
Tgt Ion:330 Resp: 450881

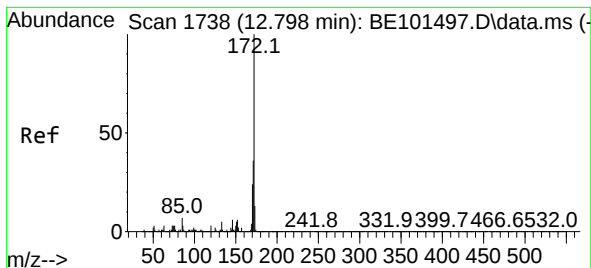
Ion Ratio Lower Upper

330 100

332 97.1 77.7 116.5

141 21.5 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 118.451 ng

RT: 12.789 min Scan# 1

Delta R.T. -0.009 min

Lab File: BE101512.D

Acq: 7 Nov 2024 1:14

Instrument :

BNA_E

ClientSampleId :

MH-2

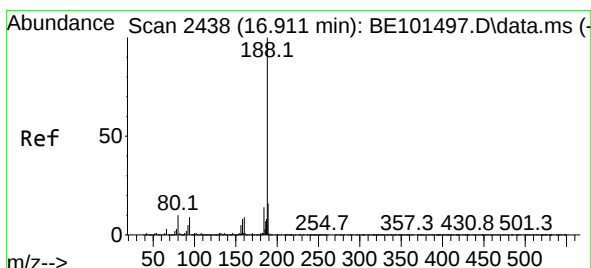
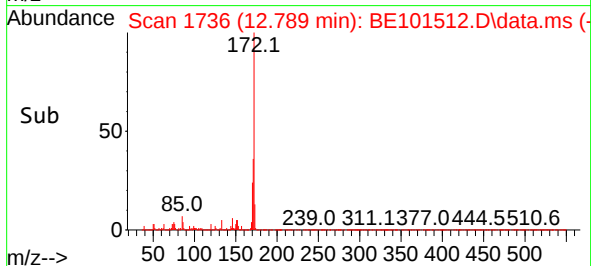
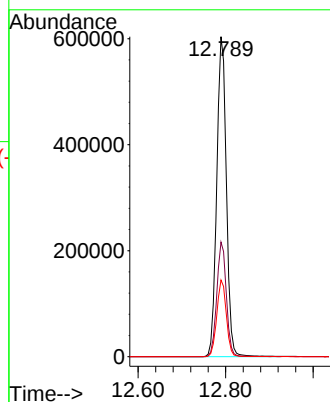
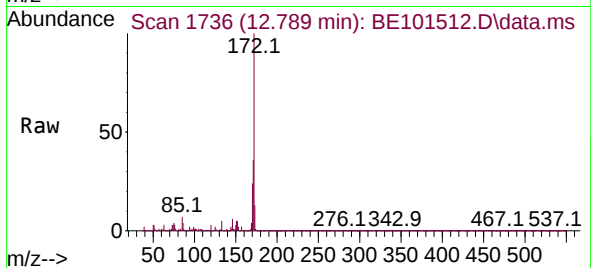
Tgt Ion:172 Resp: 923860

Ion Ratio Lower Upper

172 100

171 35.8 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: BE101512.D

Acq: 7 Nov 2024 1:14

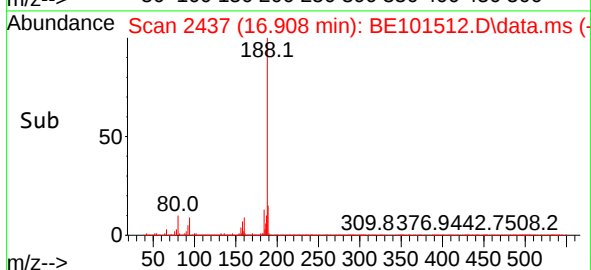
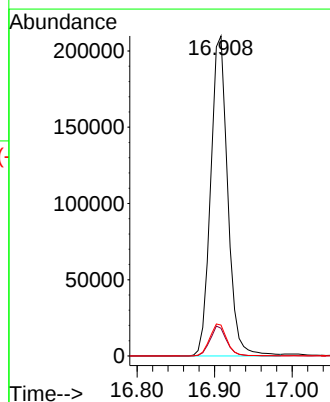
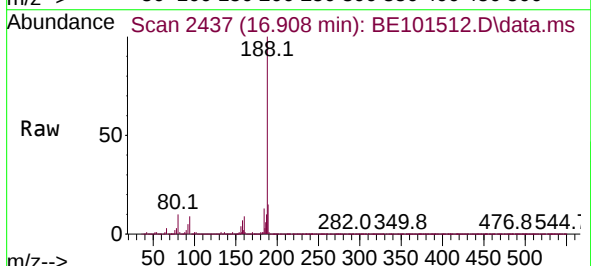
Tgt Ion:188 Resp: 321187

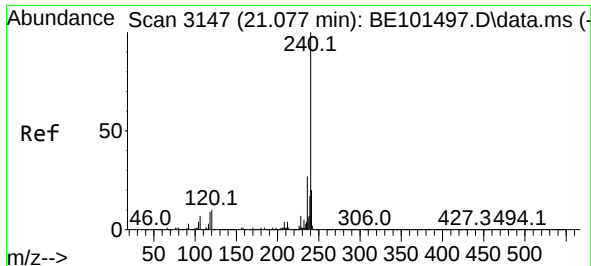
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 9.6 8.0 12.0

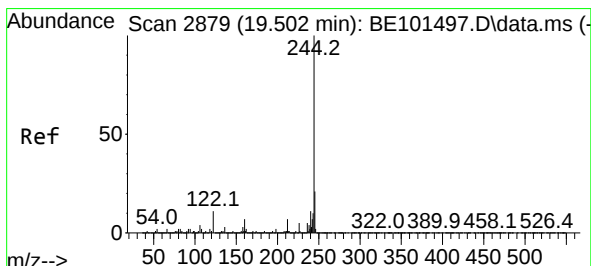
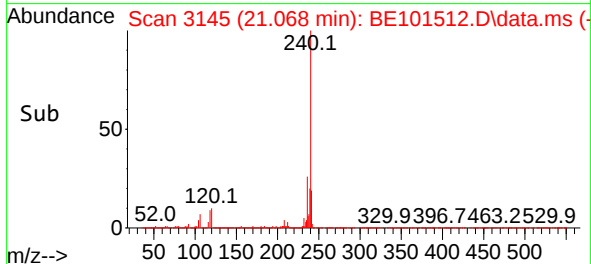
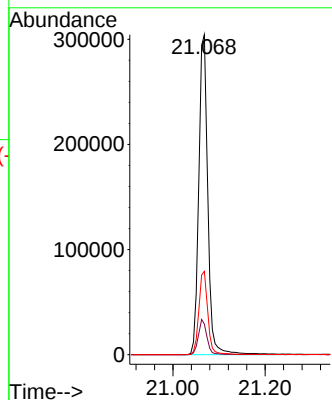
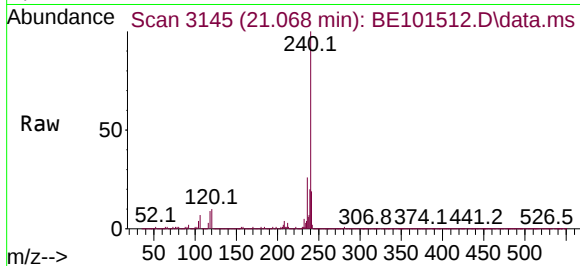




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

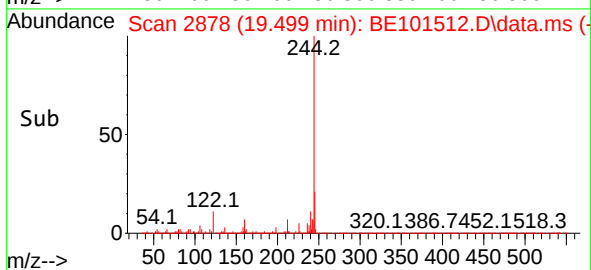
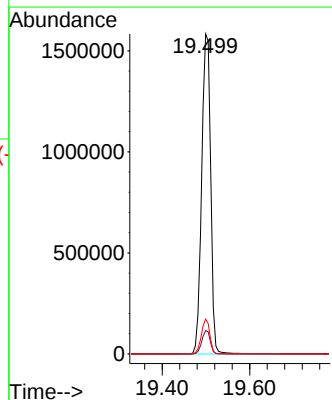
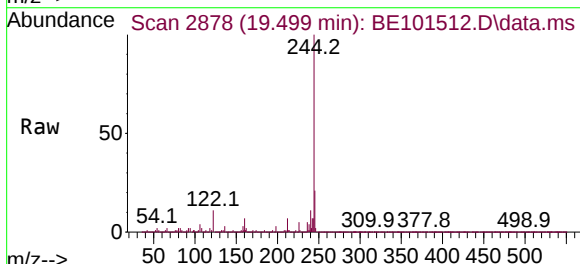
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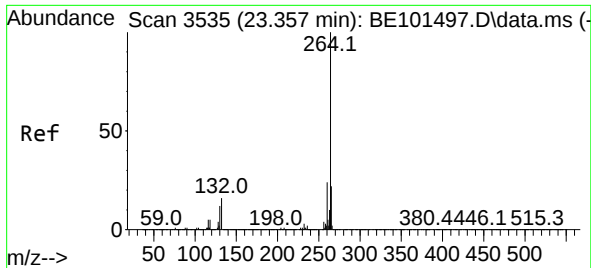
Tgt Ion:240 Resp: 413234
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.1 21.4 32.2



#79
Terphenyl-d14
Concen: 121.517 ng
RT: 19.499 min Scan# 2878
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:244 Resp: 2268510
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.9 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.348 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BE101512.D
 Acq: 7 Nov 2024 1:14

Instrument :
 BNA_E
 ClientSampleId :
 MH-2

Tgt Ion:264 Resp: 236116
 Ion Ratio Lower Upper
 264 100
 260 30.6 19.4 29.2#
 265 20.5 17.4 26.2

