

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101549.D
 Acq On : 8 Nov 2024 13:21
 Operator : RC/JU
 Sample : P4700-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MH-8

Quant Time: Nov 08 13:03:51 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)

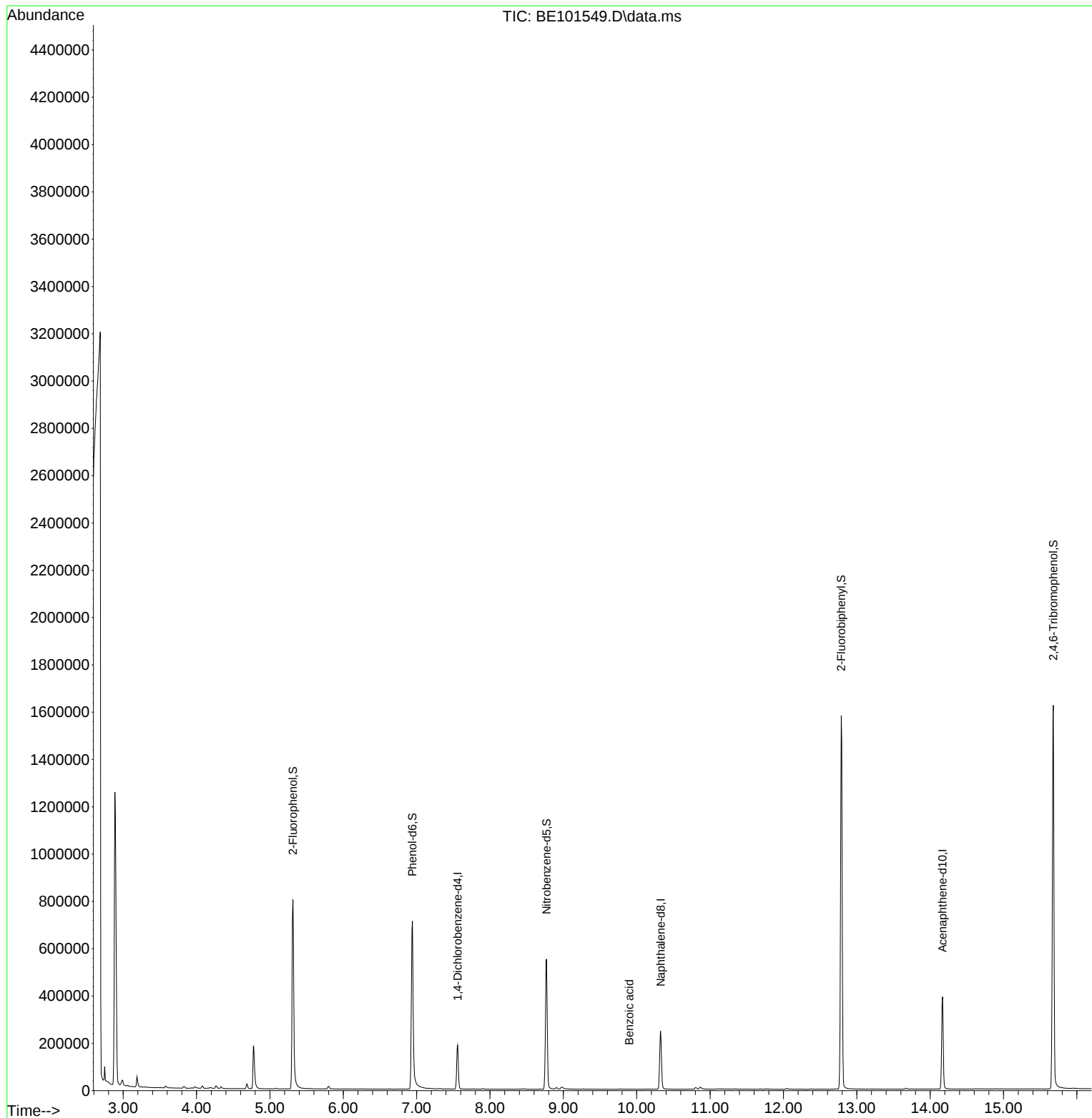
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.558	152	52937	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	221809	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	140890	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	331523	20.000	ng	0.00
76) Chrysene-d12	21.066	240	393207	20.000	ng	-0.01
86) Perylene-d12	23.352	264	509724	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	406941	135.924	ng	0.00
7) Phenol-d6	6.942	99	496179	120.877	ng	0.00
23) Nitrobenzene-d5	8.769	82	323645	92.165	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	411747	155.310	ng	0.00
45) 2-Fluorobiphenyl	12.788	172	872227	101.084	ng	-0.01
79) Terphenyl-d14	19.503	244	1982468	111.603	ng	0.00
Target Compounds						
32) Benzoic acid	9.897	122	34	6.848	ng	Qvalue # 84

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

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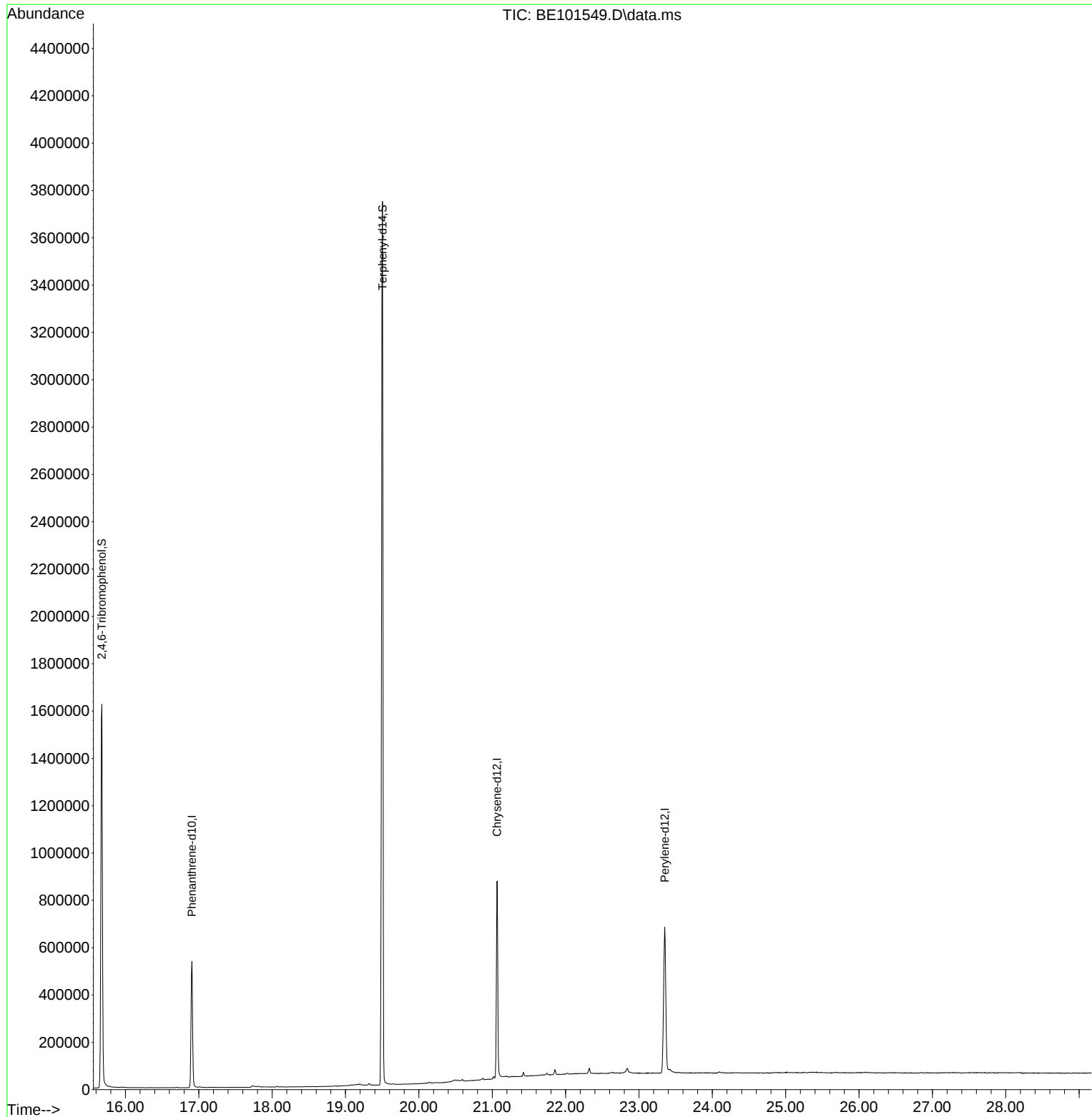
Quant Time: Nov 08 13:03:51 2024
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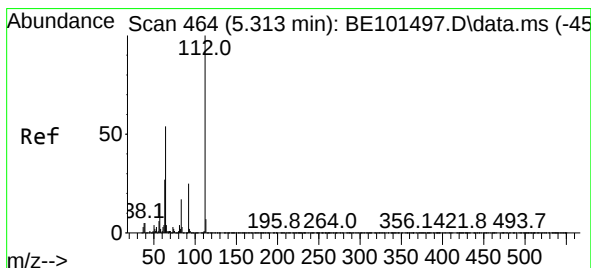
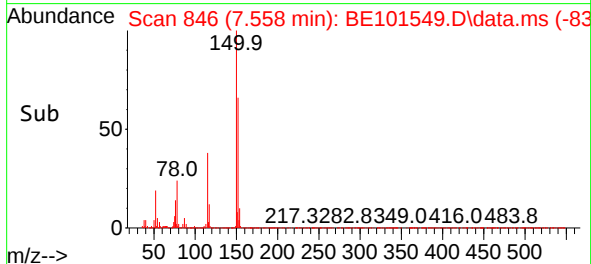
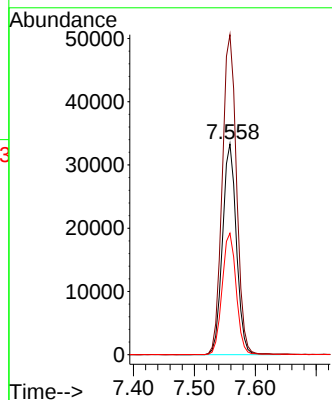
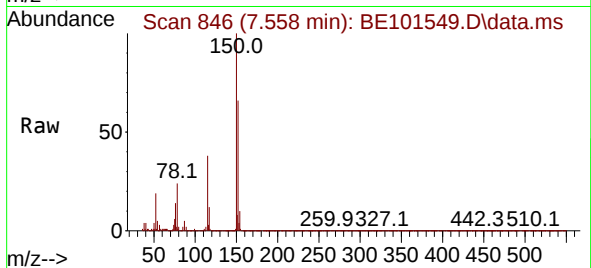




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 847
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

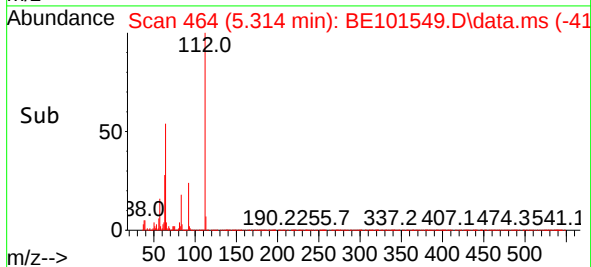
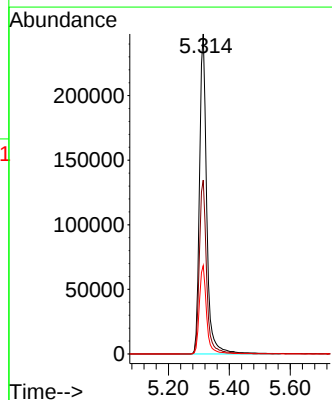
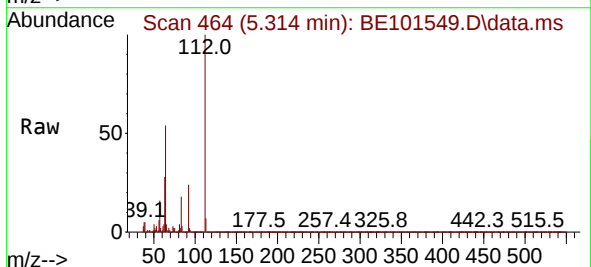
Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:152 Resp: 52937
Ion Ratio Lower Upper
152 100
150 151.9 126.3 189.5
115 57.7 45.0 67.4



#5
2-Fluorophenol
Concen: 135.924 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:112 Resp: 406941
Ion Ratio Lower Upper
112 100
64 54.4 43.2 64.8
63 27.6 21.8 32.6

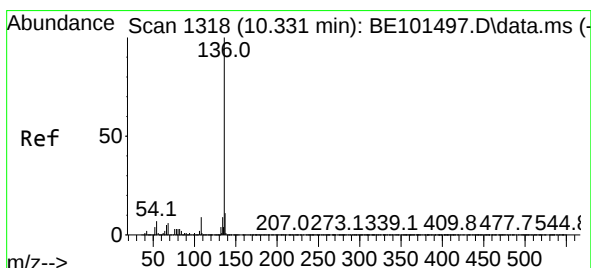
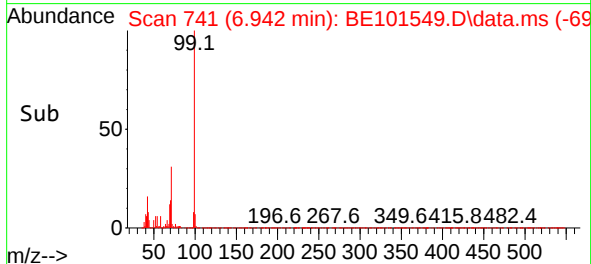
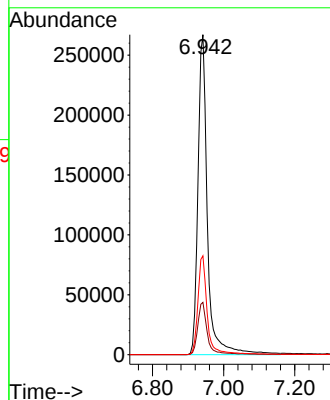
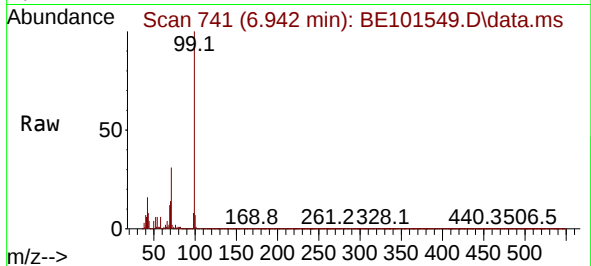




#7
Phenol-d6
Concen: 120.877 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

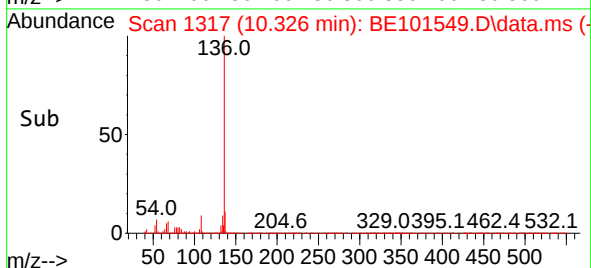
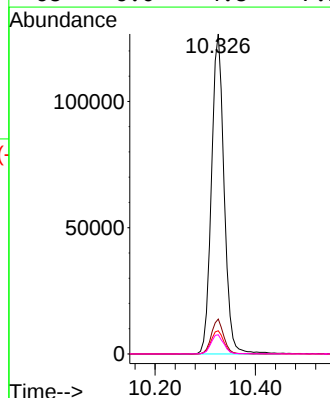
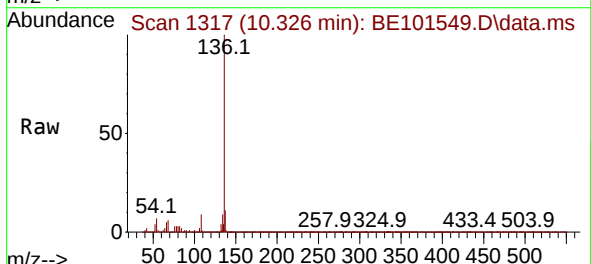
Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion: 99 Resp: 496179
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 30.9 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion: 136 Resp: 221809
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.2 5.6 8.4
68 6.0 4.8 7.2

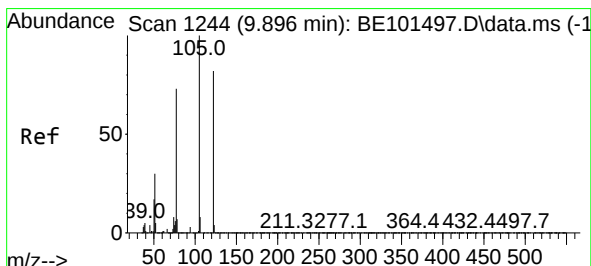
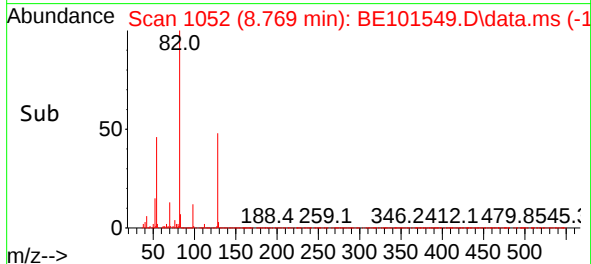
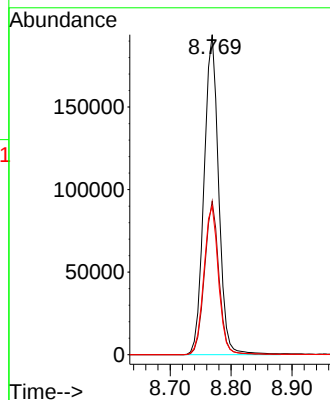
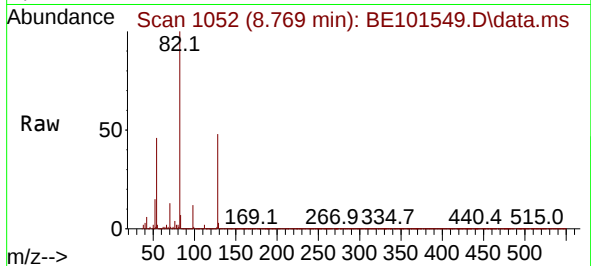




#23
Nitrobenzene-d5
Concen: 92.165 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

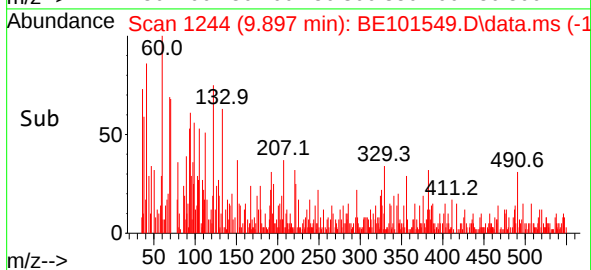
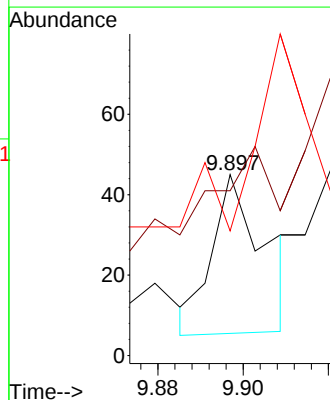
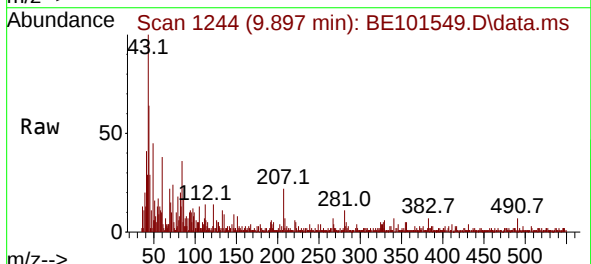
Instrument :
BNA_E
ClientSampleId :
MH-8

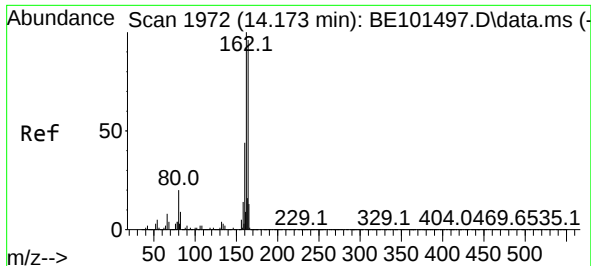
Tgt Ion: 82 Resp: 323645
Ion Ratio Lower Upper
82 100
128 47.9 38.6 58.0
54 46.4 36.3 54.5



#32
Benzoic acid
Concen: 6.848 ng
RT: 9.897 min Scan# 1244
Delta R.T. 0.001 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion: 122 Resp: 34
Ion Ratio Lower Upper
122 100
105 91.1 100.6 140.6
77 86.7 68.6 108.6

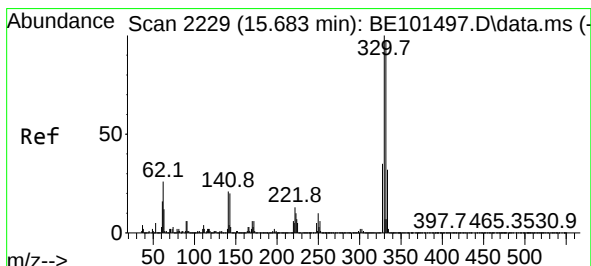
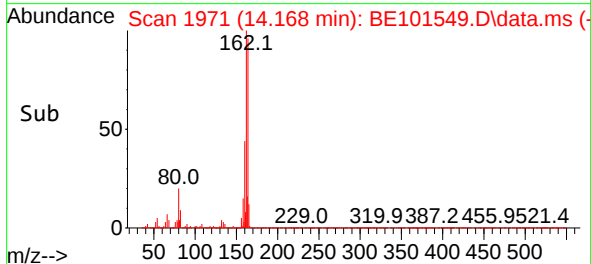
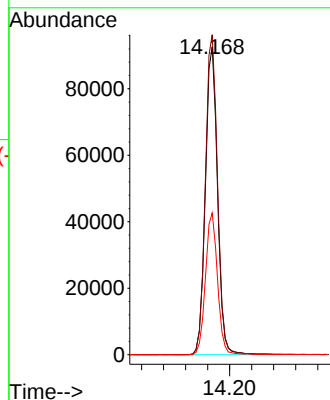
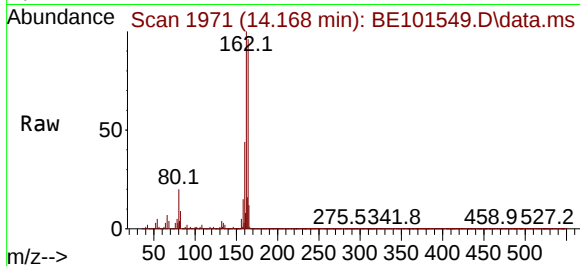




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1972
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

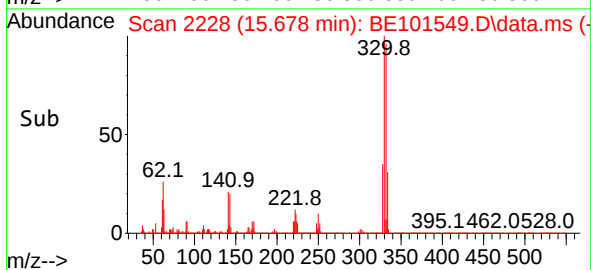
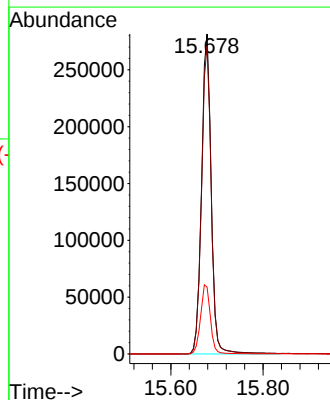
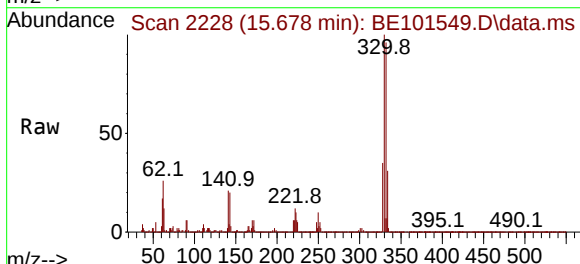
Instrument :
BNA_E
ClientSampleId :
MH-8

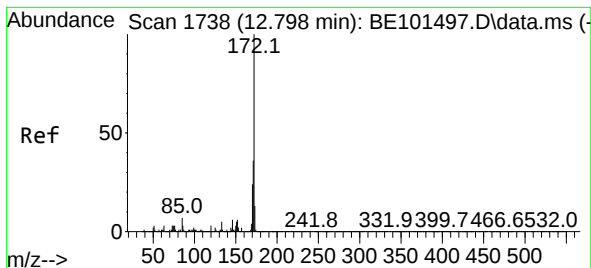
Tgt Ion:164 Resp: 140890
Ion Ratio Lower Upper
164 100
162 104.0 83.7 125.5
160 46.1 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 155.310 ng
RT: 15.678 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Tgt Ion:330 Resp: 411747
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 22.0 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 101.084 ng

RT: 12.788 min Scan# 1

Delta R.T. -0.011 min

Lab File: BE101549.D

Acq: 8 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

MH-8

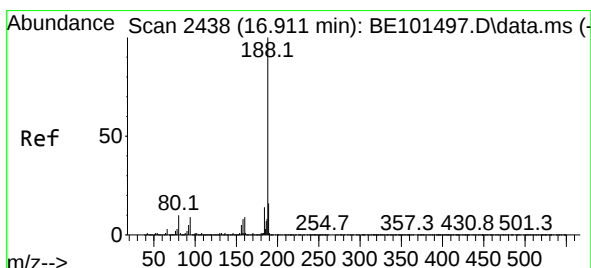
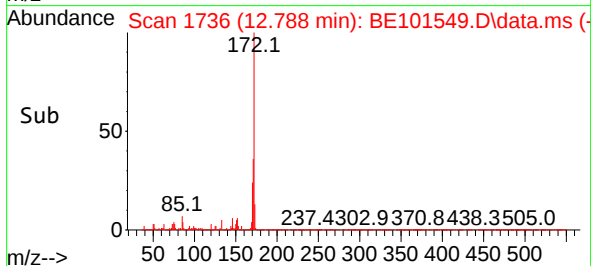
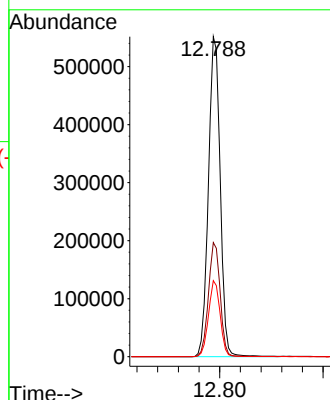
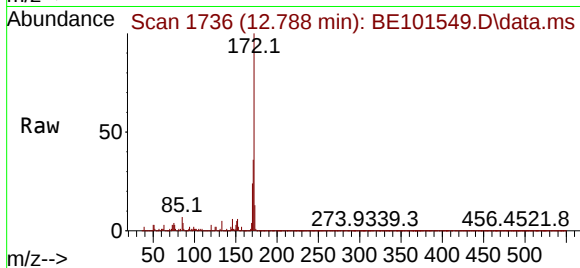
Tgt Ion:172 Resp: 872227

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.8 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.906 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BE101549.D

Acq: 8 Nov 2024 13:21

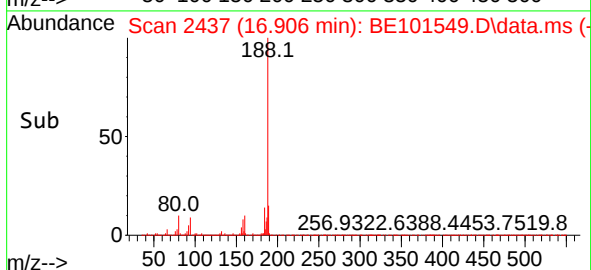
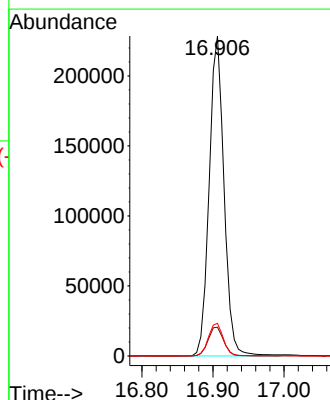
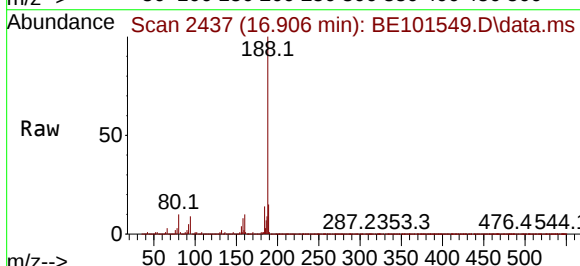
Tgt Ion:188 Resp: 331523

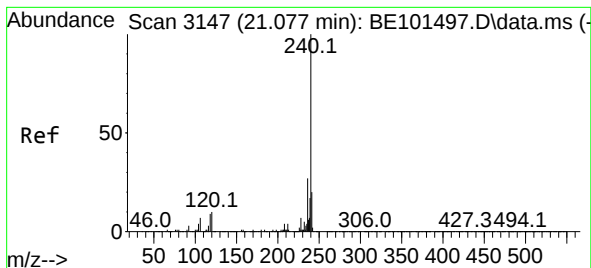
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 10.2 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.066 min Scan# 3145

Delta R.T. -0.011 min

Lab File: BE101549.D

Acq: 8 Nov 2024 13:21

Instrument :

BNA_E

ClientSampleId :

MH-8

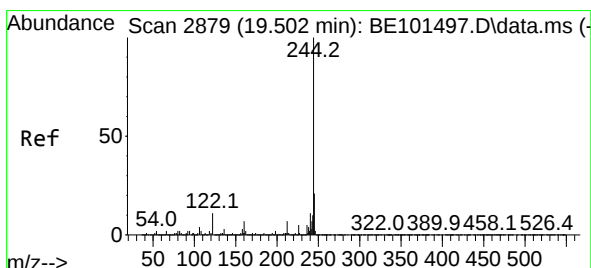
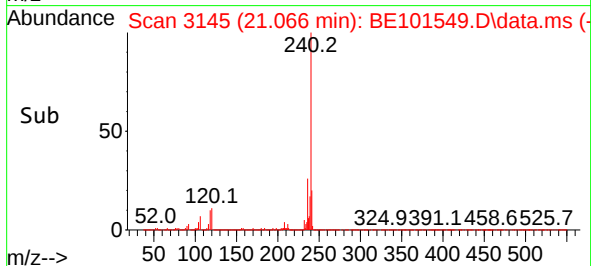
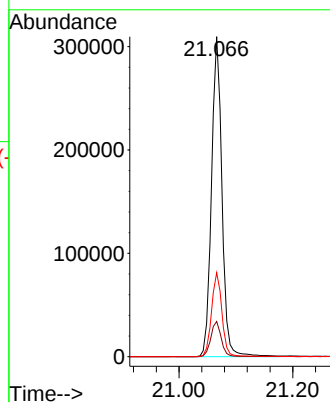
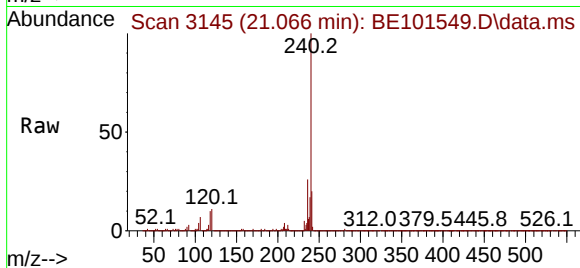
Tgt Ion:240 Resp: 393207

Ion Ratio Lower Upper

240 100

120 11.0 8.2 12.4

236 26.3 21.4 32.2



#79

Terphenyl-d14

Concen: 111.603 ng

RT: 19.503 min Scan# 2879

Delta R.T. 0.001 min

Lab File: BE101549.D

Acq: 8 Nov 2024 13:21

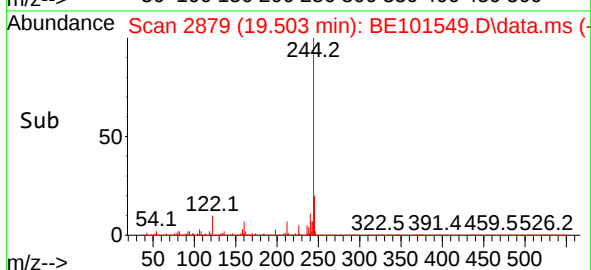
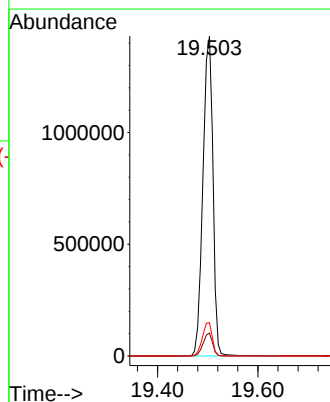
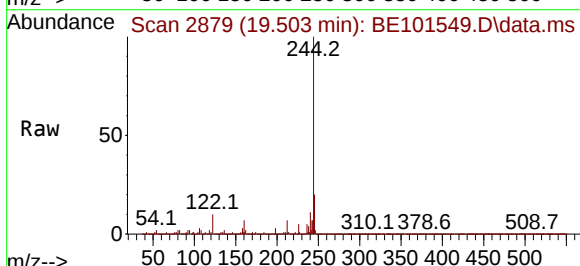
Tgt Ion:244 Resp: 1982468

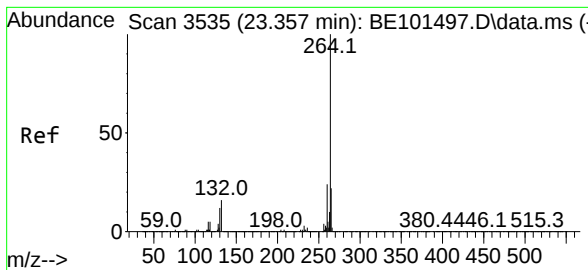
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.4 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 31
Delta R.T. -0.005 min
Lab File: BE101549.D
Acq: 8 Nov 2024 13:21

Instrument :
BNA_E
ClientSampleId :
MH-8

Tgt Ion:264 Resp: 509724

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.7	17.4	26.2

