

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101552.D
 Acq On : 8 Nov 2024 15:08
 Operator : RC/JU
 Sample : P4738-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 72-12018

Quant Time: Nov 08 15:04:26 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)

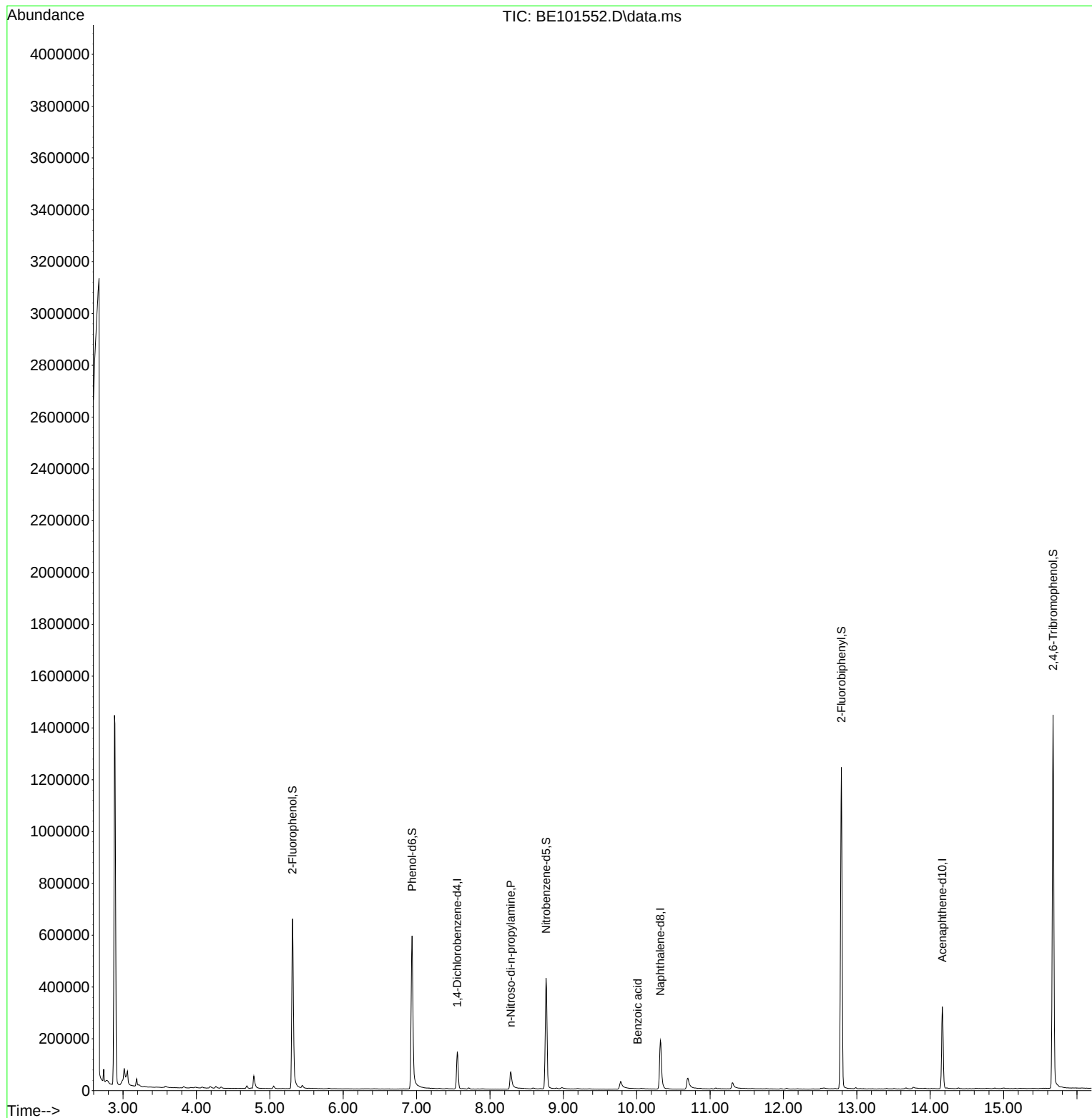
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	40340	20.000	ng	0.00
21) Naphthalene-d8	10.322	136	167454	20.000	ng	0.00
39) Acenaphthene-d10	14.165	164	113482	20.000	ng	0.00
64) Phenanthrene-d10	16.903	188	293109	20.000	ng	0.00
76) Chrysene-d12	21.063	240	380485	20.000	ng	-0.01
86) Perylene-d12	23.348	264	482208	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	334221	146.495	ng	0.00
7) Phenol-d6	6.938	99	411552	131.569	ng	0.00
23) Nitrobenzene-d5	8.765	82	258705	97.586	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	357416	167.378	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	658218	94.706	ng	0.00
79) Terphenyl-d14	19.500	244	1757418	102.242	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.284	70	12430	6.027	ng	Qvalue # 57
32) Benzoic acid	10.011	122	56	6.864	ng	90

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

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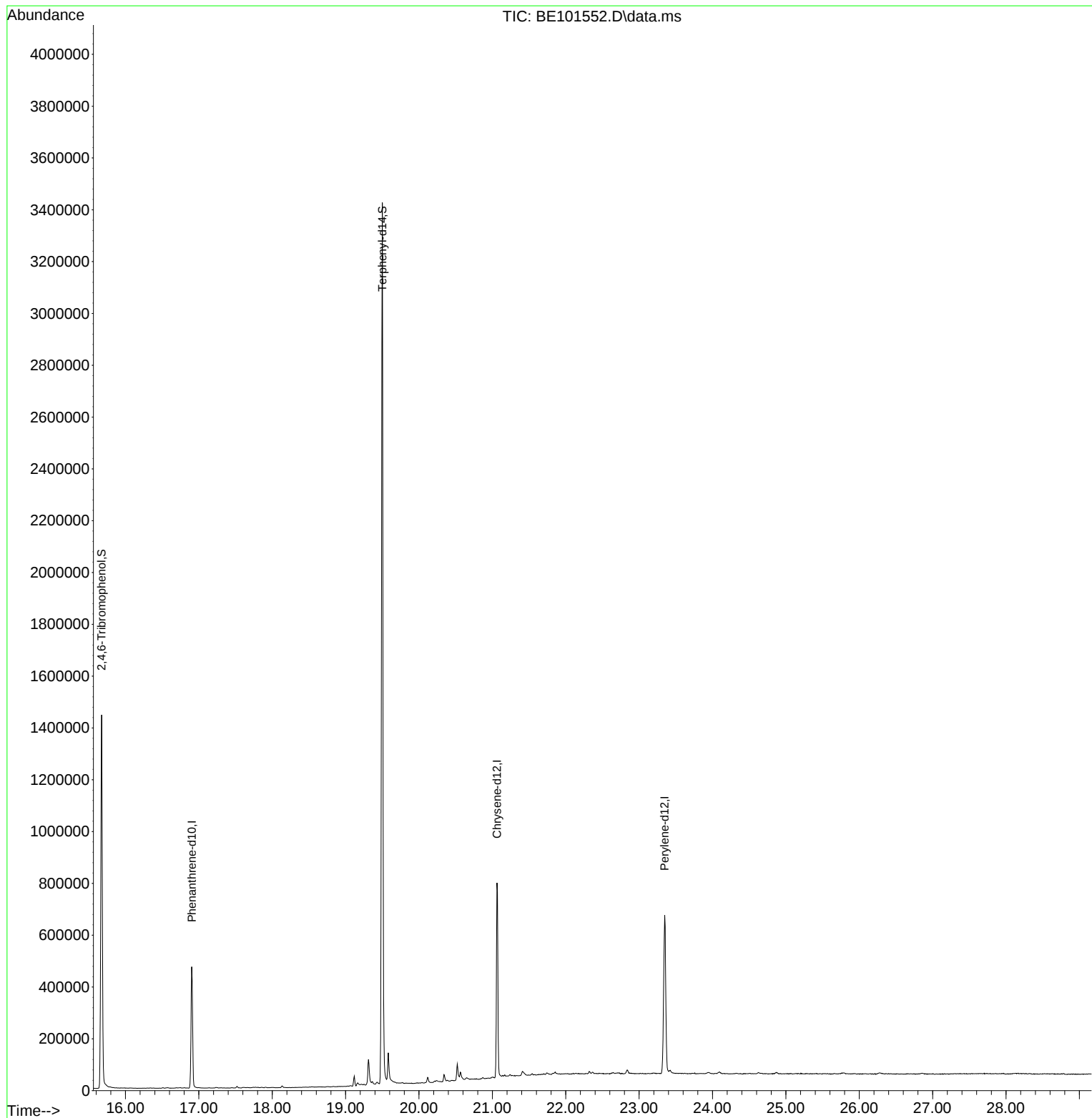
Quant Time: Nov 08 15:04:26 2024
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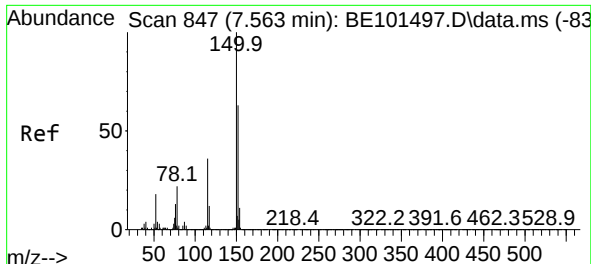


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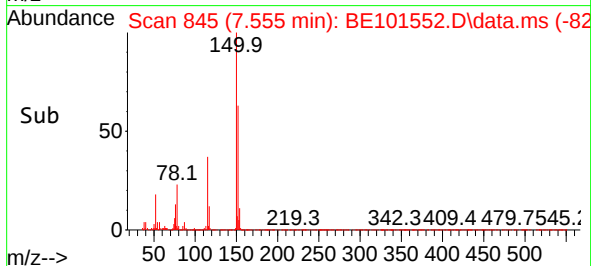
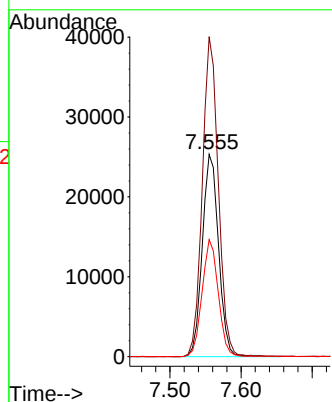
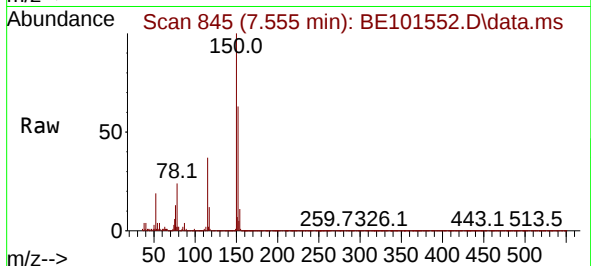




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

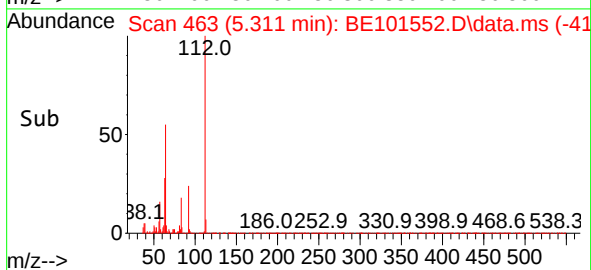
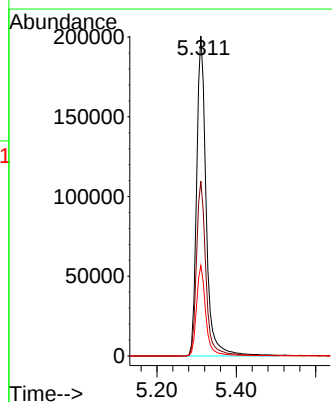
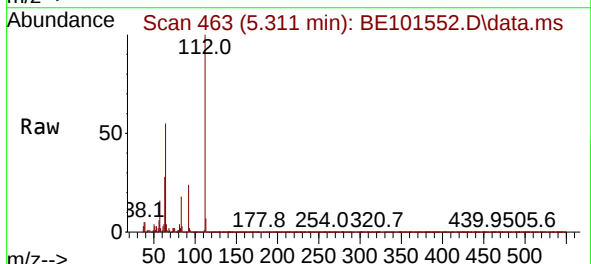
Instrument :
BNA_E
ClientSampleId :
72-12018

Tgt Ion:152 Resp: 40340
Ion Ratio Lower Upper
152 100
150 158.2 126.3 189.5
115 57.9 45.0 67.4



#5
2-Fluorophenol
Concen: 146.495 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

Tgt Ion:112 Resp: 334221
Ion Ratio Lower Upper
112 100
64 54.6 43.2 64.8
63 28.2 21.8 32.6





#7

Phenol-d6

Concen: 131.569 ng

RT: 6.938 min Scan# 74

Delta R.T. -0.008 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

72-12018

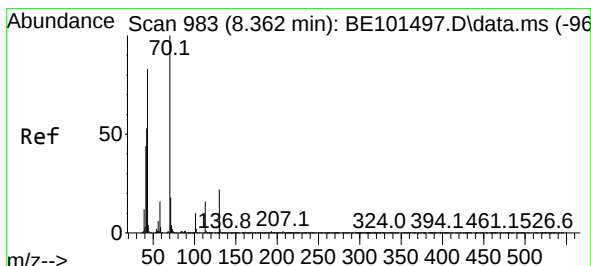
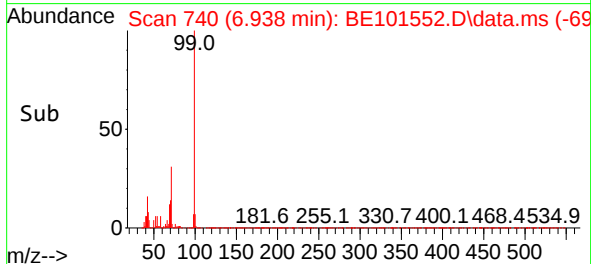
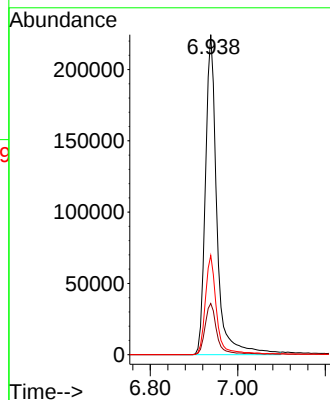
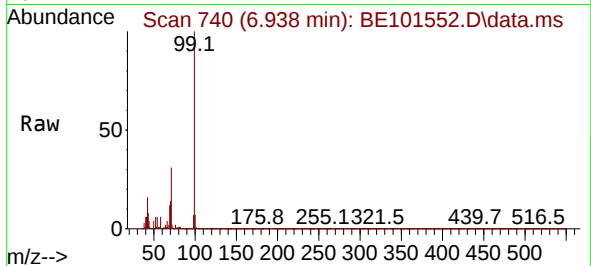
Tgt Ion: 99 Resp: 411552

Ion Ratio Lower Upper

99 100

42 16.0 12.5 18.7

71 31.0 24.2 36.2



#19

n-Nitroso-di-n-propylamine

Concen: 6.027 ng

RT: 8.284 min Scan# 969

Delta R.T. -0.079 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

Tgt Ion: 70 Resp: 12430

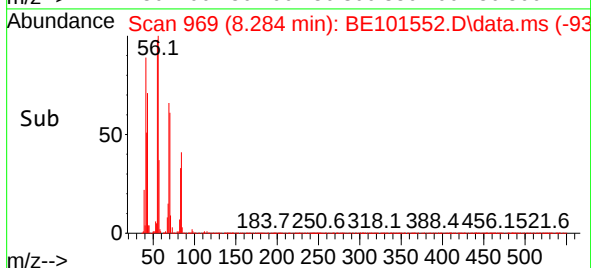
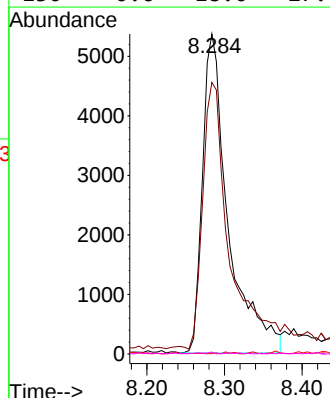
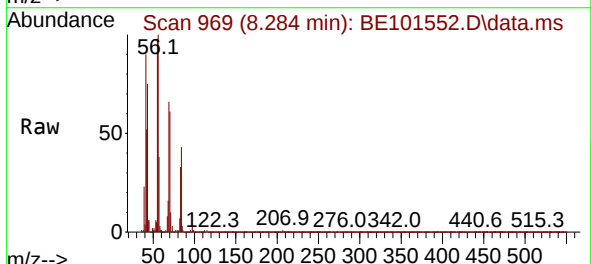
Ion Ratio Lower Upper

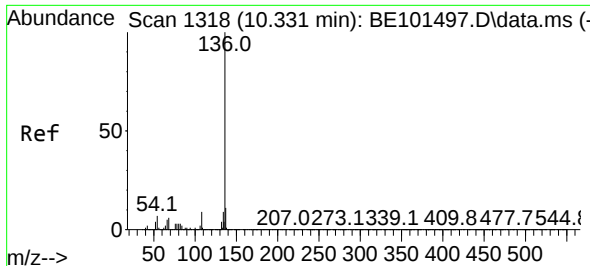
70 100

42 84.9 42.7 64.1#

101 0.1 8.2 12.2#

130 0.6 18.0 27.0#



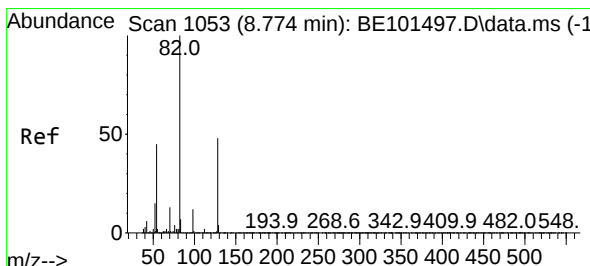
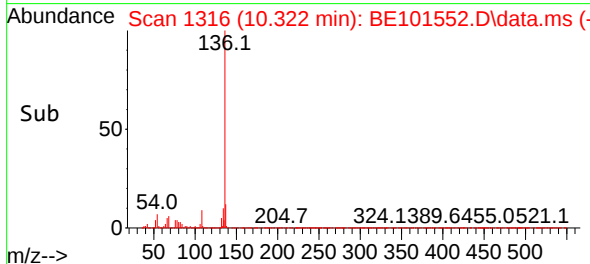
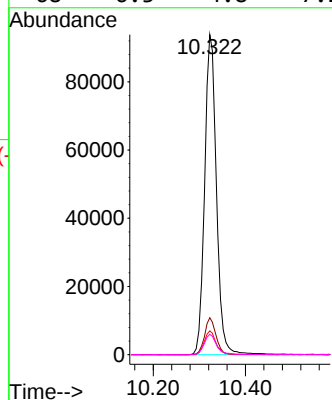
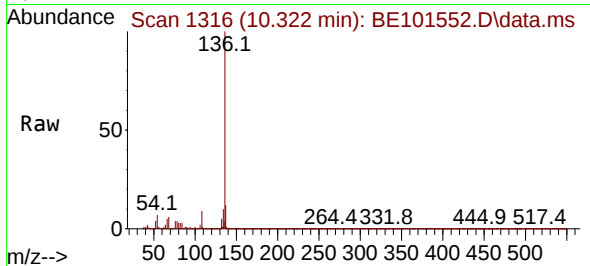


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.322 min Scan# 11
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

Instrument :
BNA_E
ClientSampleId :
72-12018

Tgt Ion:136 Resp: 167454

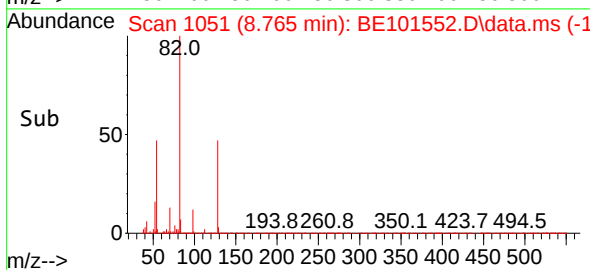
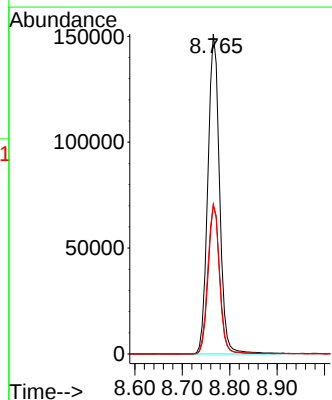
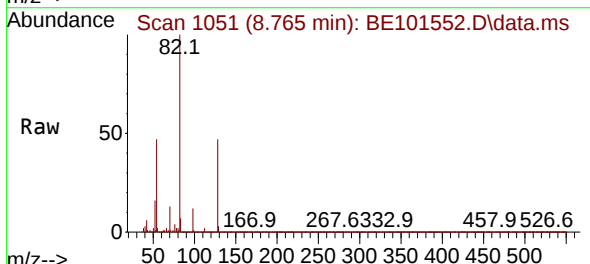
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	7.5	5.6	8.4
68	6.3	4.8	7.2

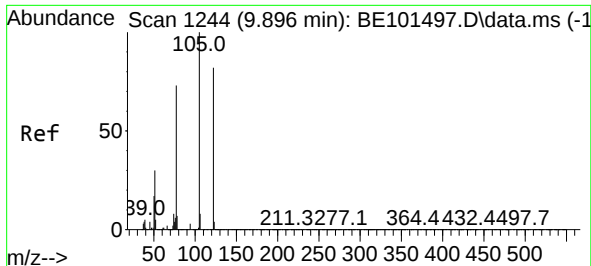


#23
Nitrobenzene-d5
Concen: 97.586 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

Tgt Ion: 82 Resp: 258705

Ion	Ratio	Lower	Upper
82	100		
128	46.6	38.6	58.0
54	46.8	36.3	54.5

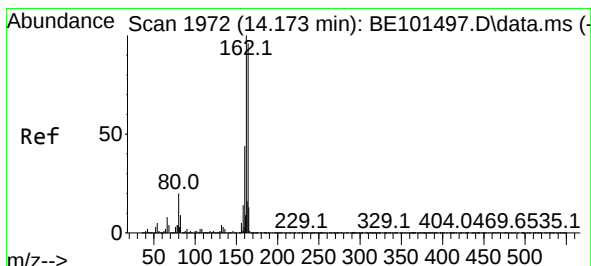
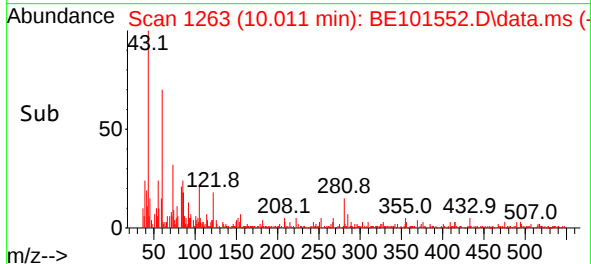
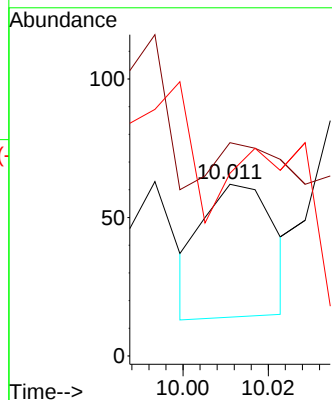
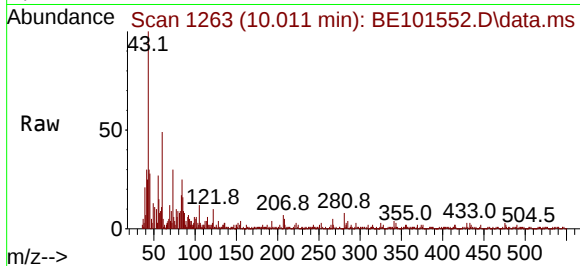




#32
Benzoic acid
Concen: 6.864 ng
RT: 10.011 min Scan# 11
Delta R.T. 0.115 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

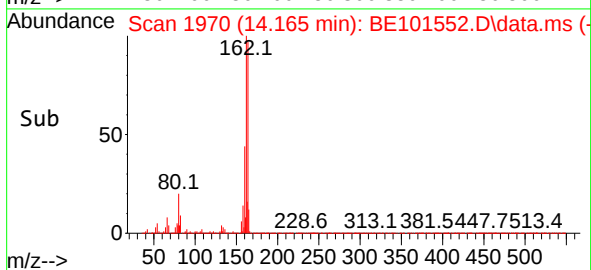
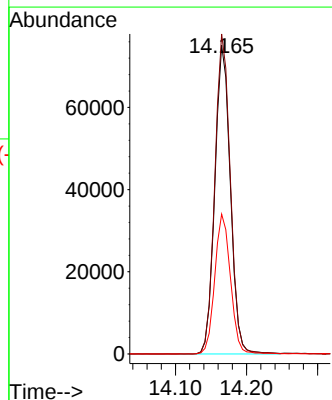
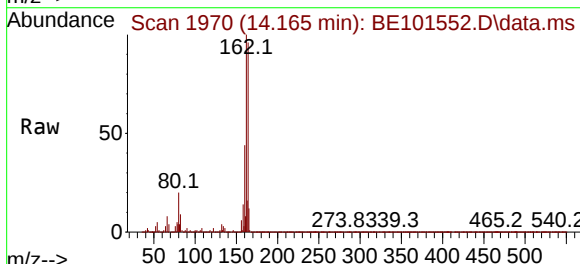
Instrument :
BNA_E
ClientSampleId :
72-12018

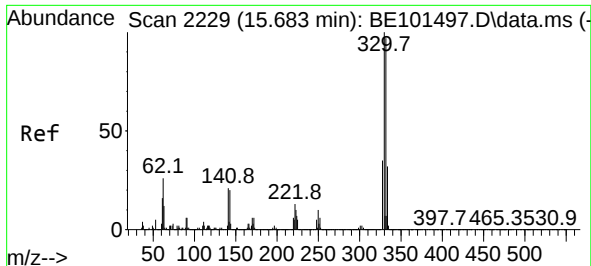
Tgt Ion:	122	Resp:	56
Ion	Ratio	Lower	Upper
122	100		
105	124.2	100.6	140.6
77	106.5	68.6	108.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.165 min Scan# 1970
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

Tgt Ion:	164	Resp:	113482
Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.7	125.5
160	45.3	37.1	55.7

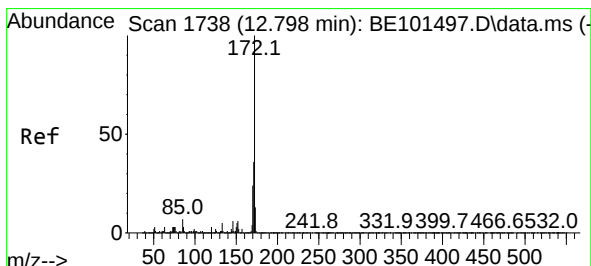
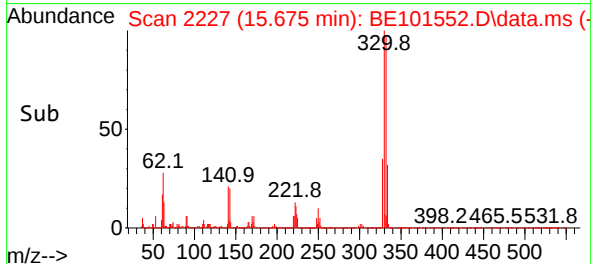
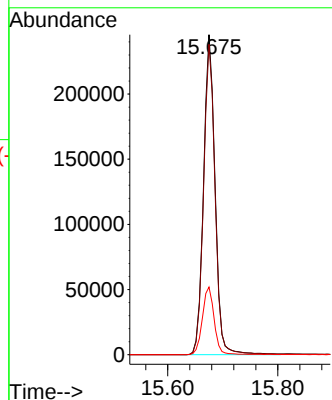
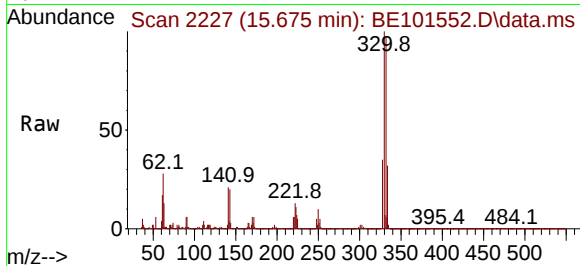




#42
2,4,6-Tribromophenol
Concen: 167.378 ng
RT: 15.675 min Scan# 21
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

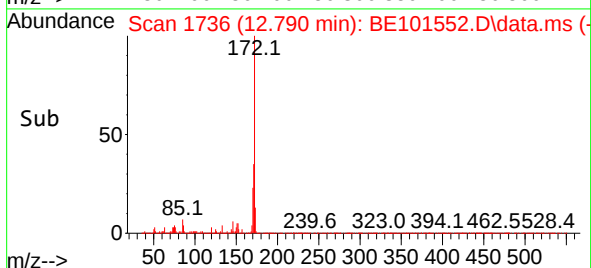
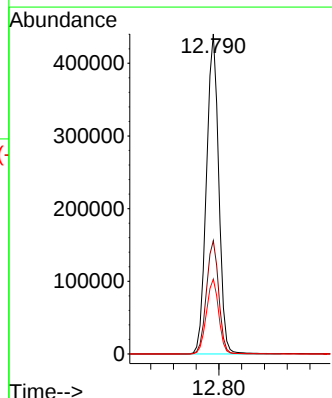
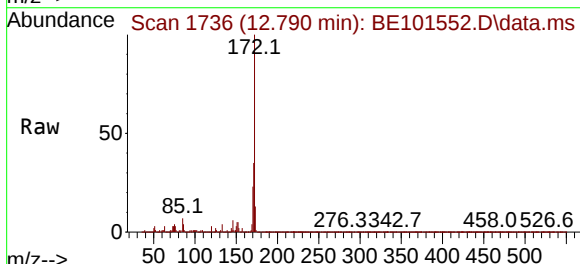
Instrument :
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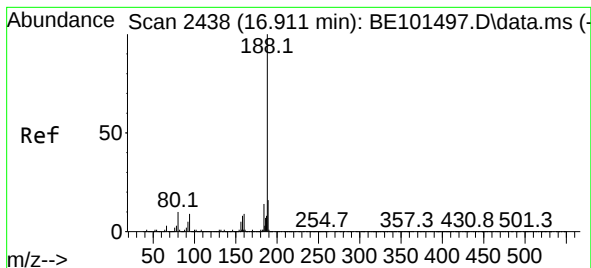
Tgt Ion:330 Resp: 357416
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 21.7 17.0 25.4



#45
2-Fluorobiphenyl
Concen: 94.706 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101552.D
Acq: 8 Nov 2024 15:08

Tgt Ion:172 Resp: 658218
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.903 min Scan# 2438

Delta R.T. -0.008 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

72-12018

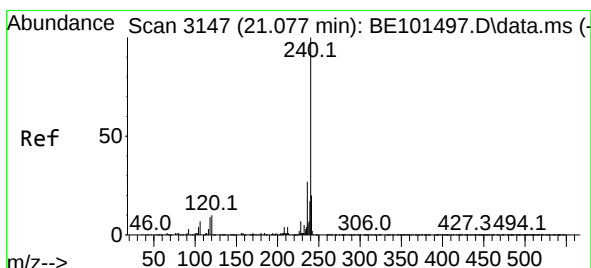
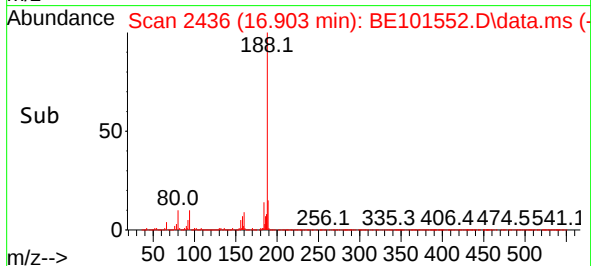
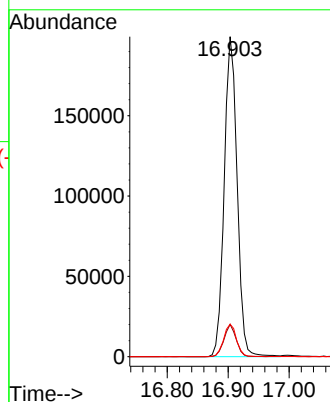
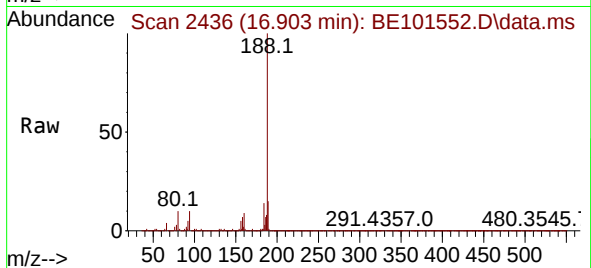
Tgt Ion:188 Resp: 293109

Ion Ratio Lower Upper

188 100

94 10.1 7.4 11.2

80 10.1 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.063 min Scan# 3144

Delta R.T. -0.014 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

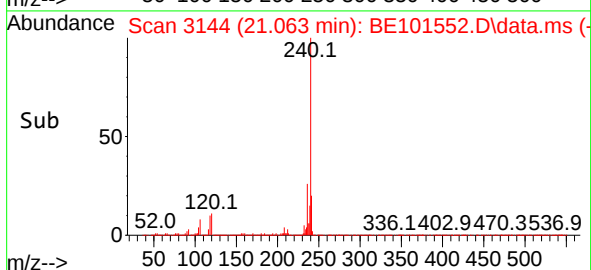
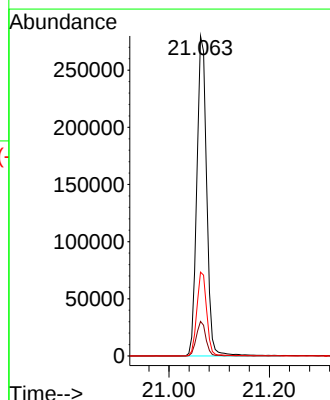
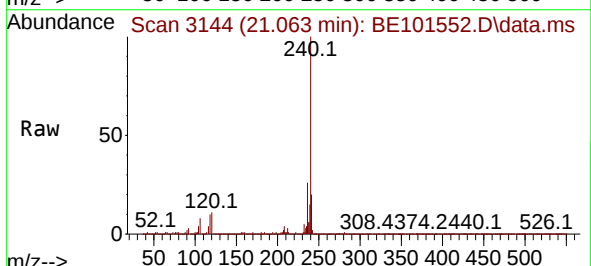
Tgt Ion:240 Resp: 380485

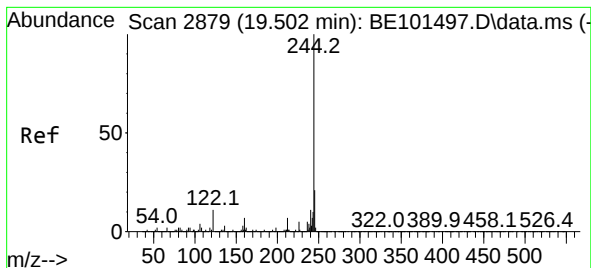
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.4

236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 102.242 ng

RT: 19.500 min Scan# 21

Delta R.T. -0.002 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

Instrument :

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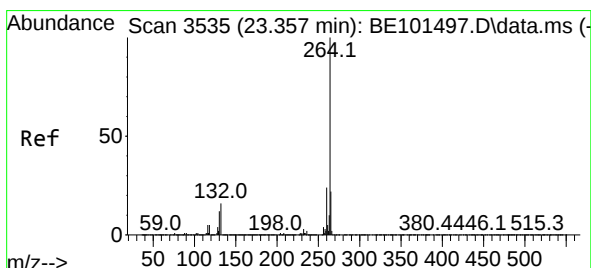
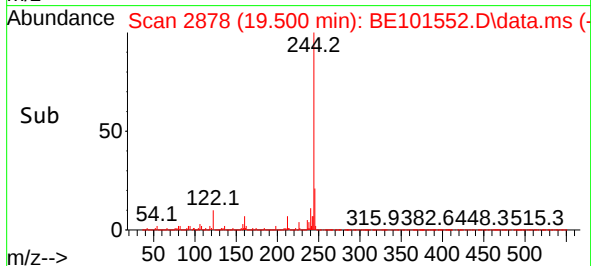
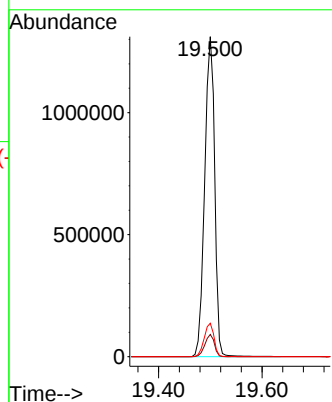
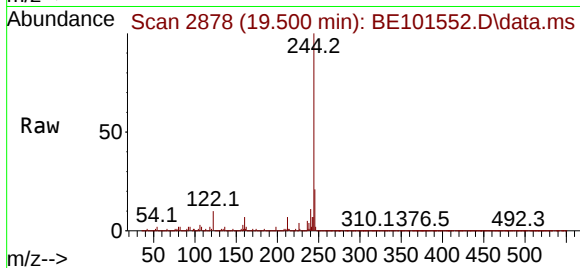
Tgt Ion:244 Resp: 1757418

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.348 min Scan# 3533

Delta R.T. -0.008 min

Lab File: BE101552.D

Acq: 8 Nov 2024 15:08

Tgt Ion:264 Resp: 482208

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.3 17.4 26.2

