

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101528.D
 Acq On : 7 Nov 2024 13:20
 Operator : RC/JU
 Sample : P4667-08RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-5RE

Quant Time: Nov 07 13:05:25 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)

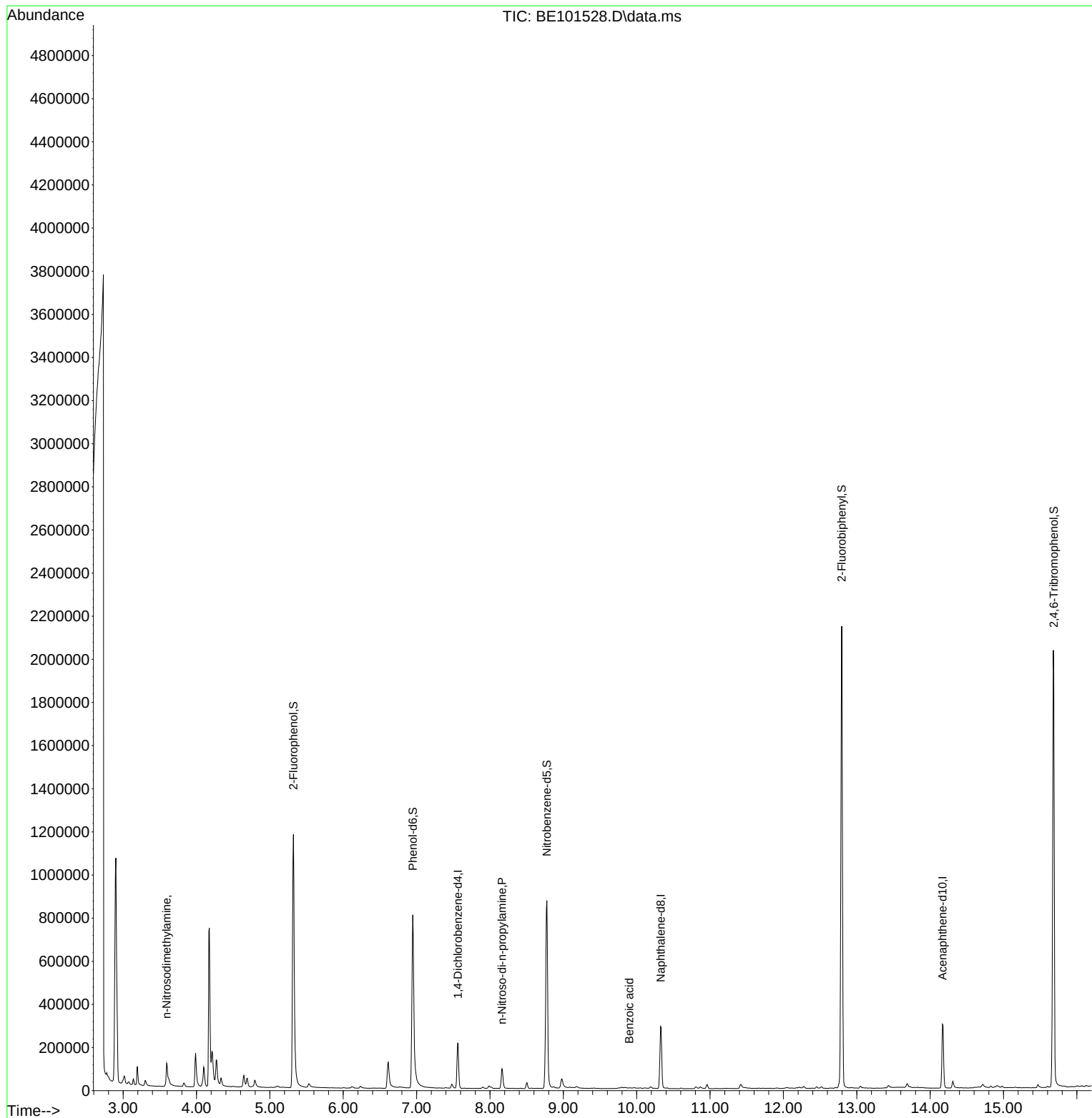
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.565	152	61537	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	259466	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	94006	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	326983	20.000	ng	0.00
76) Chrysene-d12	21.067	240	253445	20.000	ng	-0.01
86) Perylene-d12	23.352	264	44227	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	606659	174.315	ng	0.00
7) Phenol-d6	6.948	99	538066	112.762	ng	0.00
23) Nitrobenzene-d5	8.775	82	490377	119.378	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	527078	297.968	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	1116086	193.854	ng	0.00
79) Terphenyl-d14	19.504	244	2111687	184.433	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.593	42	3534	2.464	ng	# 1
19) n-Nitroso-di-n-propyla...	8.164	70	6891	2.190	ng	# 24
32) Benzoic acid	9.897	122	89	6.865	ng	93

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

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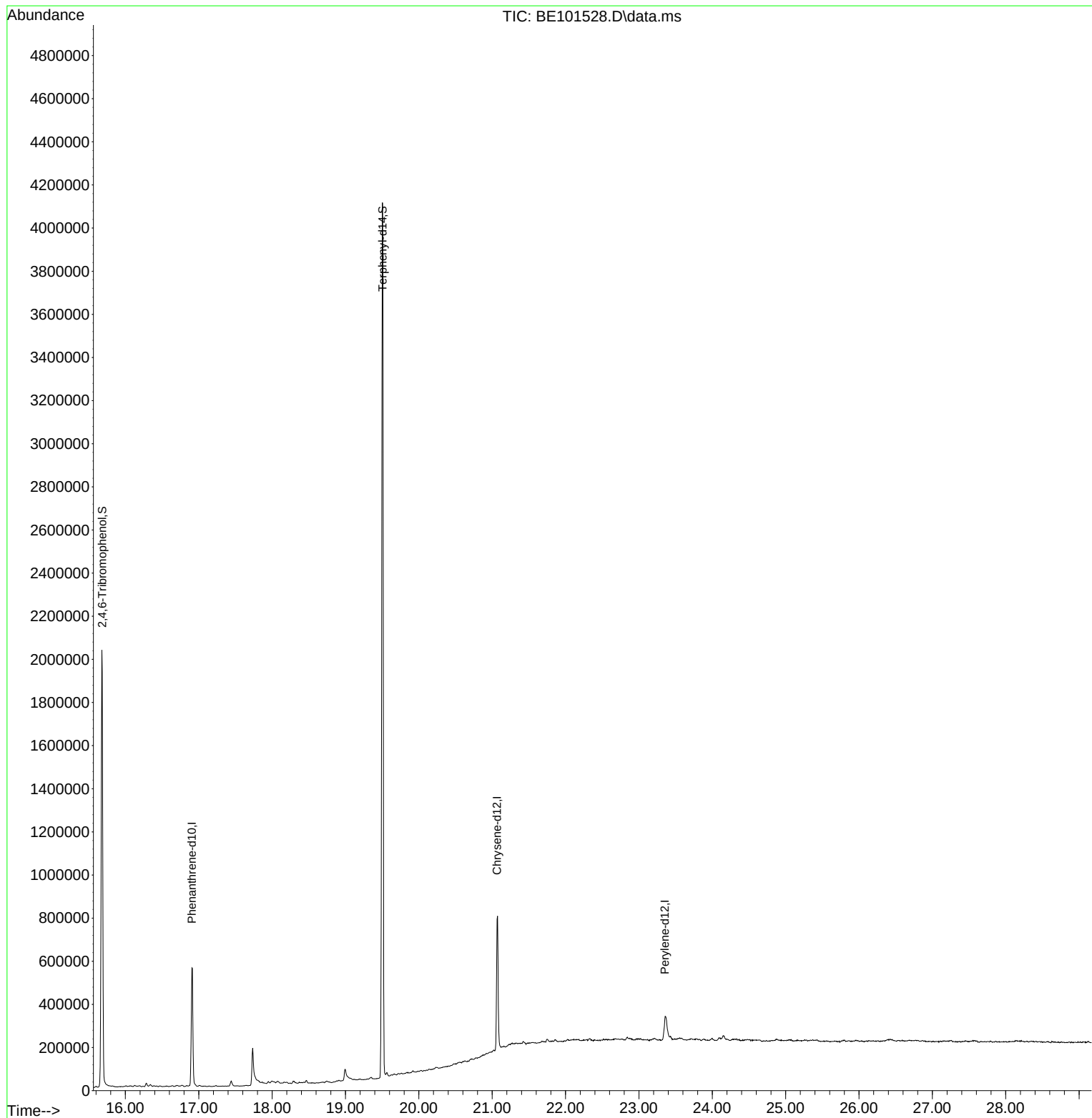
Quant Time: Nov 07 13:05:25 2024
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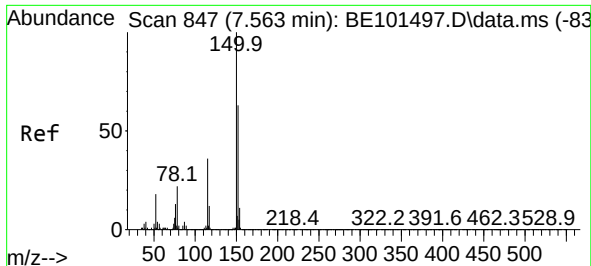


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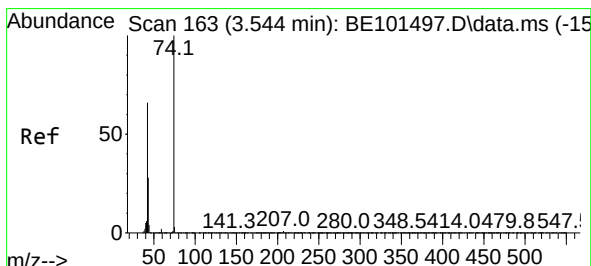
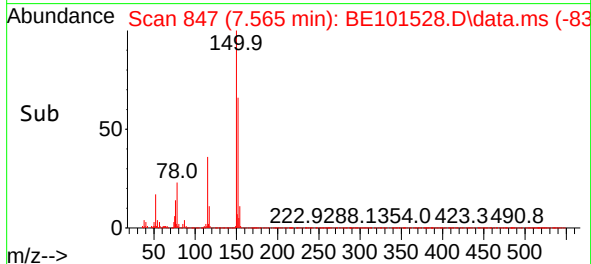
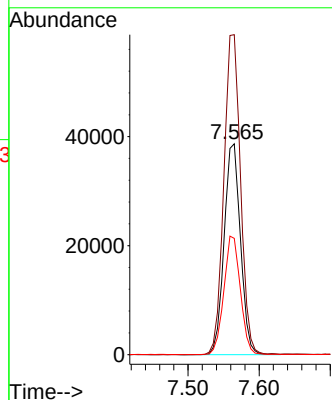
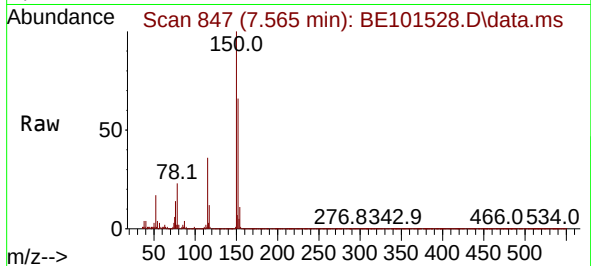




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.565 min Scan# 84
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

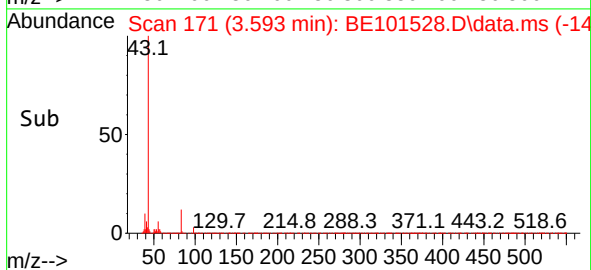
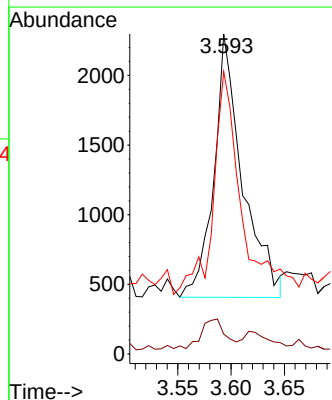
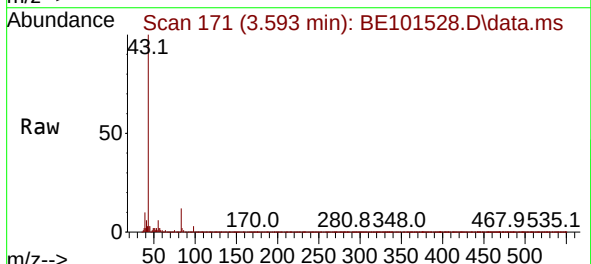
Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

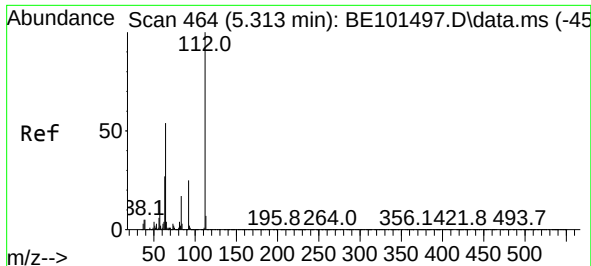
Tgt Ion:152 Resp: 61537
Ion Ratio Lower Upper
152 100
150 151.7 126.3 189.5
115 55.2 45.0 67.4



#4
n-Nitrosodimethylamine
Concen: 2.464 ng
RT: 3.593 min Scan# 171
Delta R.T. 0.049 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion: 42 Resp: 3534
Ion Ratio Lower Upper
42 100
74 6.2 120.1 180.1#
44 88.3 5.8 8.6#

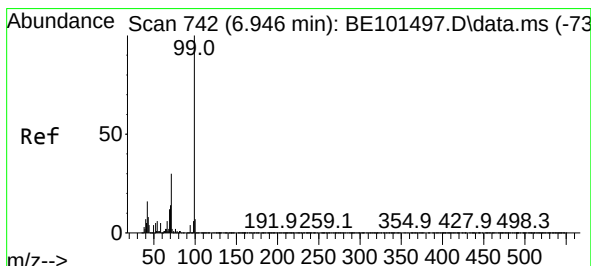
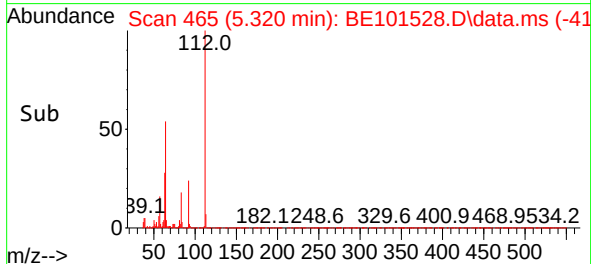
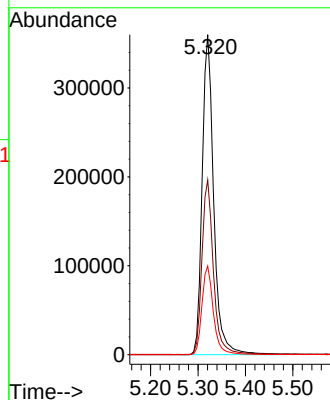
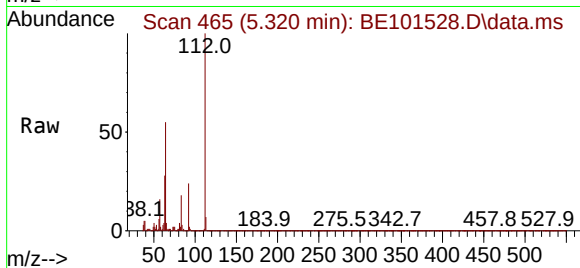




#5
2-Fluorophenol
Concen: 174.315 ng
RT: 5.320 min Scan# 464
Delta R.T. 0.007 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

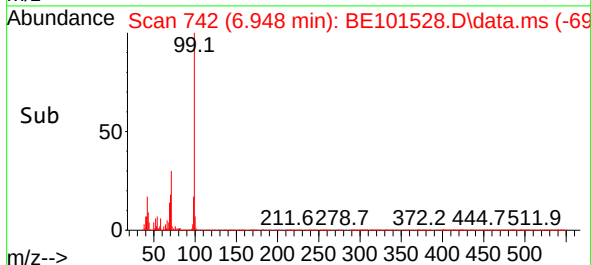
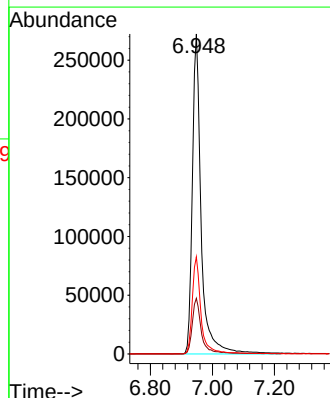
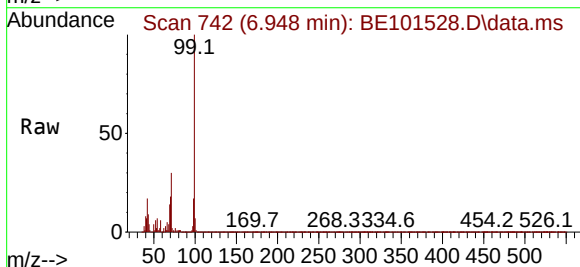
Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

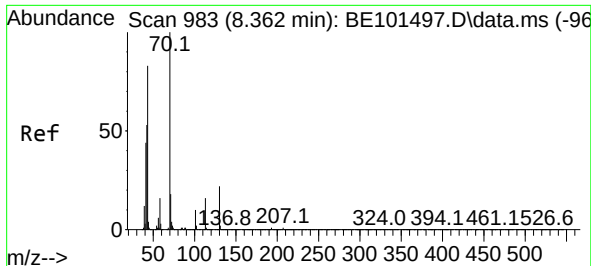
Tgt Ion:112 Resp: 606659
Ion Ratio Lower Upper
112 100
64 54.6 43.2 64.8
63 27.7 21.8 32.6



#7
Phenol-d6
Concen: 112.762 ng
RT: 6.948 min Scan# 742
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion: 99 Resp: 538066
Ion Ratio Lower Upper
99 100
42 17.4 12.5 18.7
71 30.4 24.2 36.2

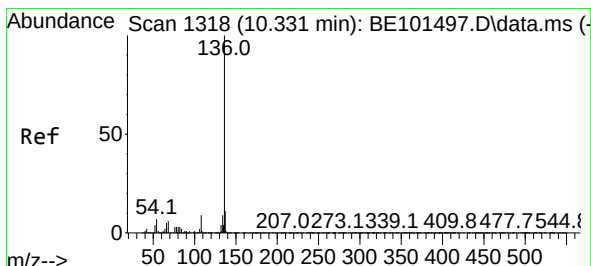
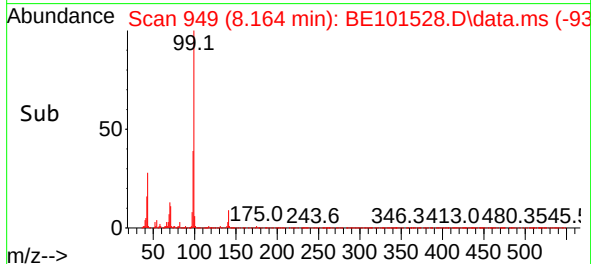
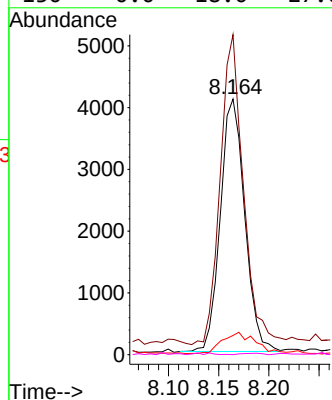
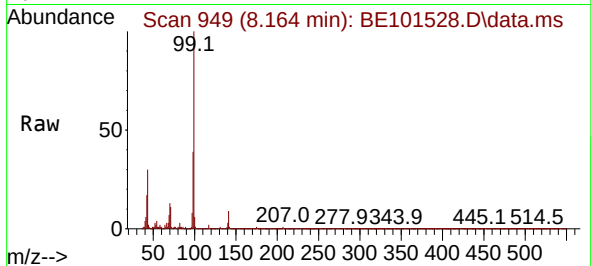




#19
n-Nitroso-di-n-propylamine
Concen: 2.190 ng
RT: 8.164 min Scan# 949
Delta R.T. -0.198 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

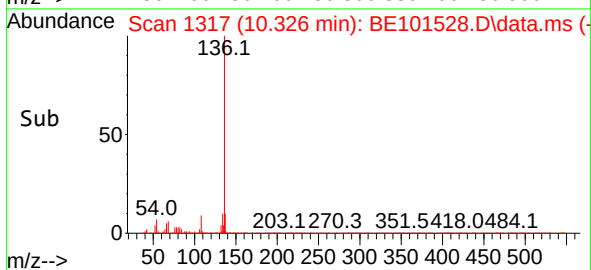
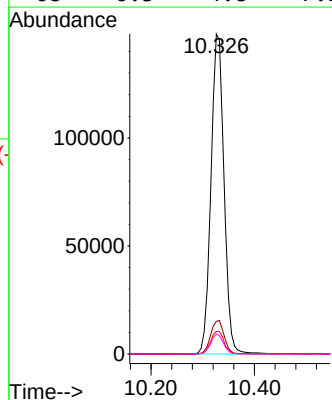
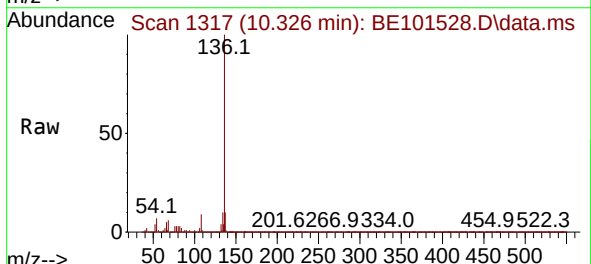
Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

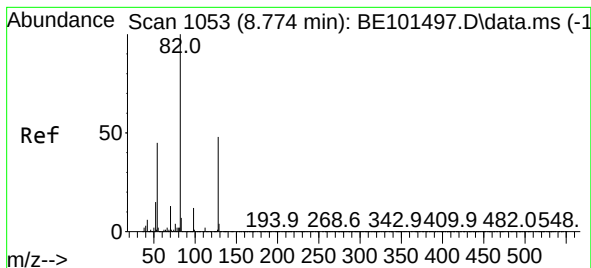
Tgt Ion: 70 Resp: 6891
Ion Ratio Lower Upper
70 100
42 125.1 42.7 64.1#
101 7.5 8.2 12.2#
130 0.0 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion: 136 Resp: 259466
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.1 5.6 8.4
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 119.378 ng

RT: 8.775 min Scan# 1053

Delta R.T. 0.002 min

Lab File: BE101528.D

Acq: 7 Nov 2024 13:20

Instrument :

BNA_E

ClientSampleId :

BP-F-5RE

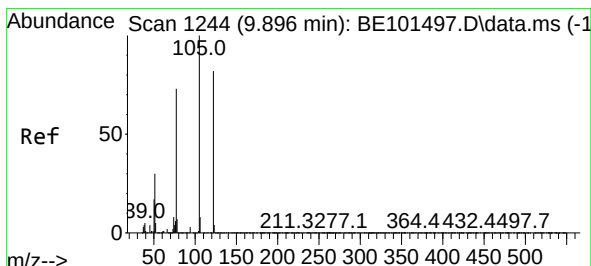
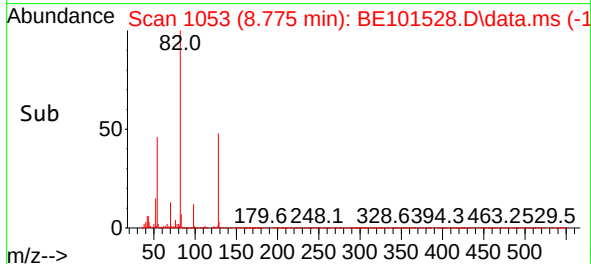
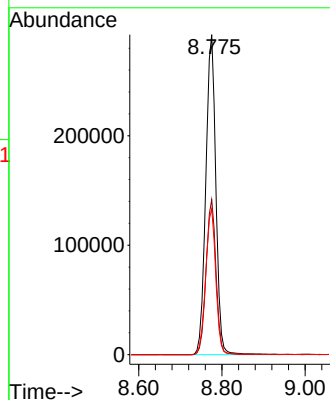
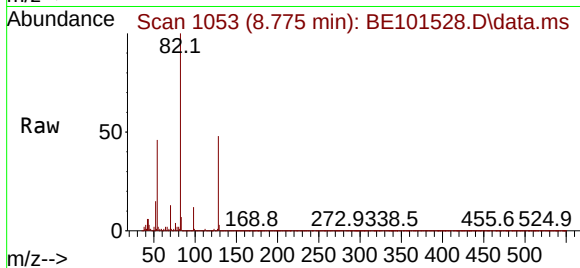
Tgt Ion: 82 Resp: 490377

Ion Ratio Lower Upper

82 100

128 48.4 38.6 58.0

54 45.6 36.3 54.5



#32

Benzoic acid

Concen: 6.865 ng

RT: 9.897 min Scan# 1244

Delta R.T. 0.001 min

Lab File: BE101528.D

Acq: 7 Nov 2024 13:20

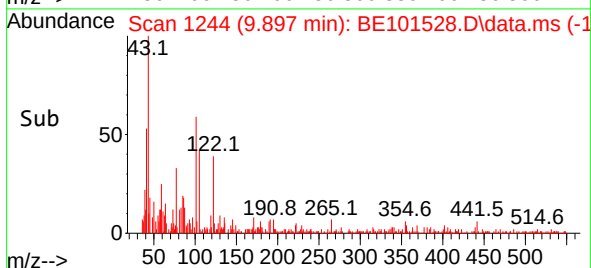
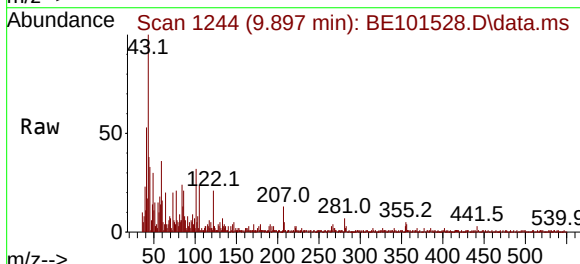
Tgt Ion: 122 Resp: 89

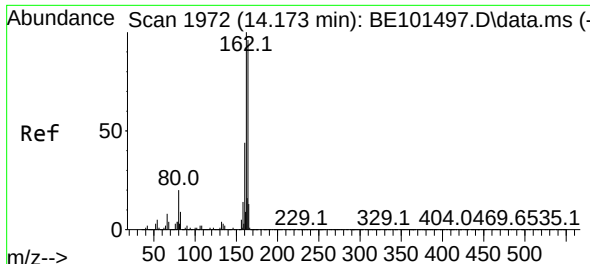
Ion Ratio Lower Upper

122 100

105 117.3 100.6 140.6

77 100.0 68.6 108.6

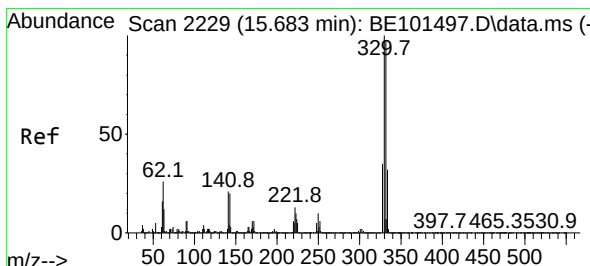
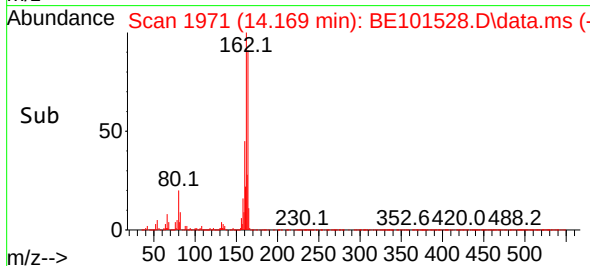
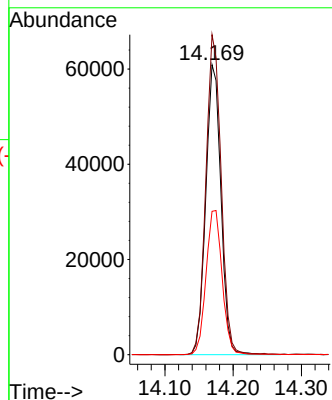
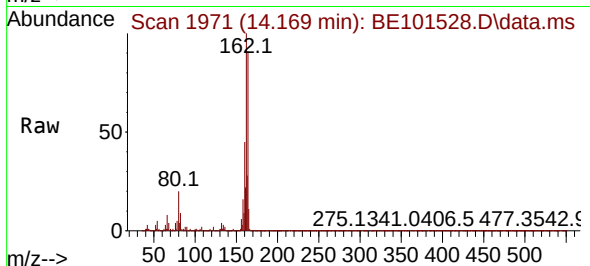




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

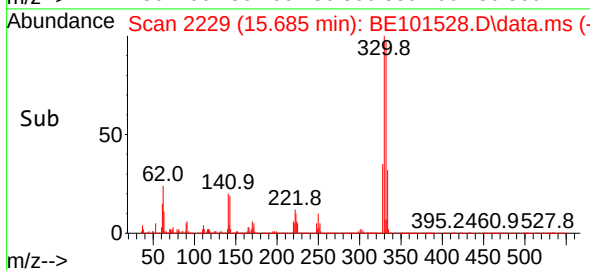
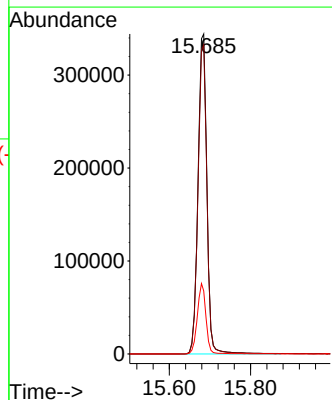
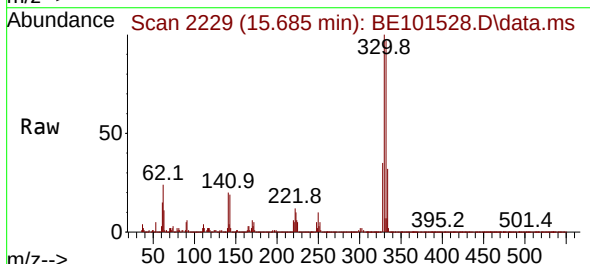
Instrument :
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BP-F-5RE

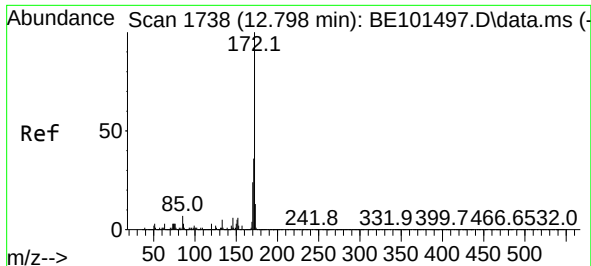
Tgt Ion:164 Resp: 94006
Ion Ratio Lower Upper
164 100
162 110.4 83.7 125.5
160 49.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 297.968 ng
RT: 15.685 min Scan# 2229
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:330 Resp: 527078
Ion Ratio Lower Upper
330 100
332 96.7 77.7 116.5
141 21.3 17.0 25.4

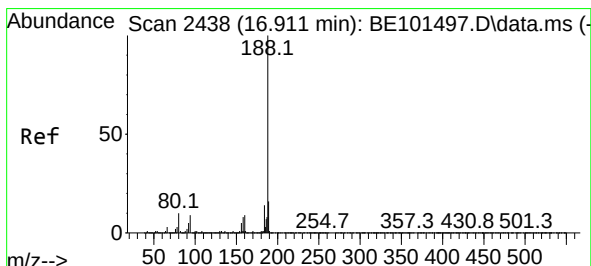
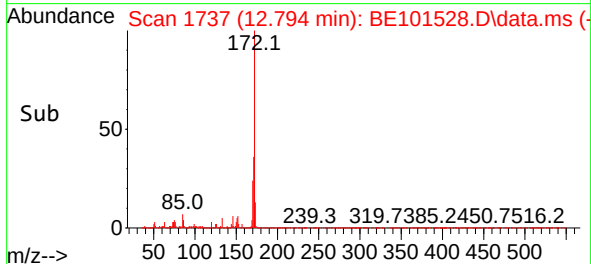
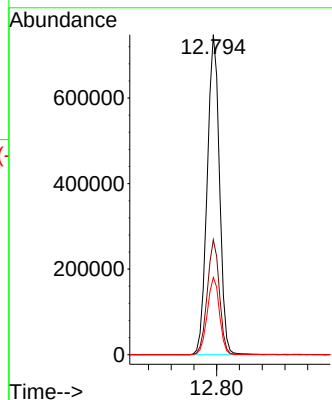
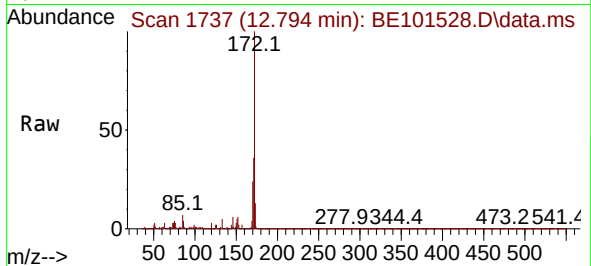




#45
2-Fluorobiphenyl
Concen: 193.854 ng
RT: 12.794 min Scan# 11
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

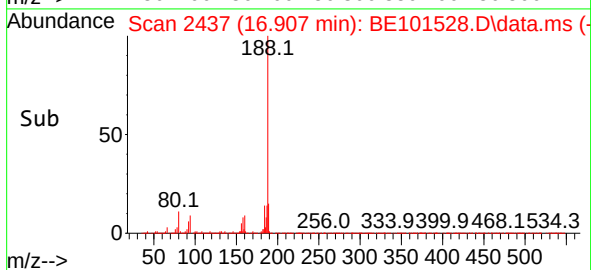
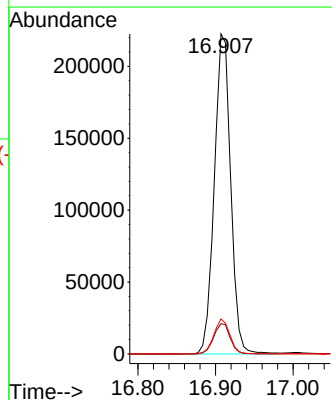
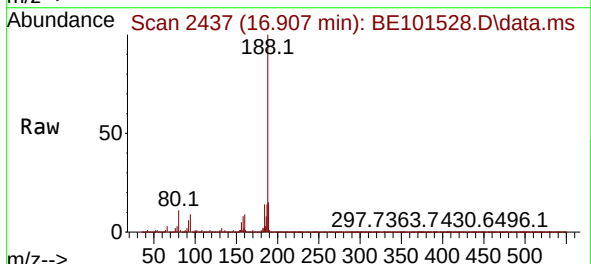
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BP-F-5RE

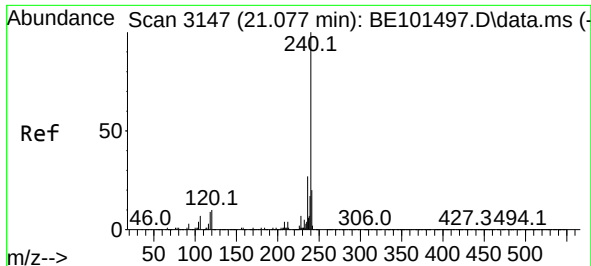
Tgt Ion:172 Resp: 1116086
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:188 Resp: 326983
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.9 8.0 12.0

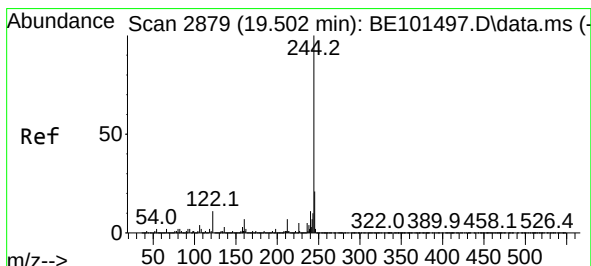
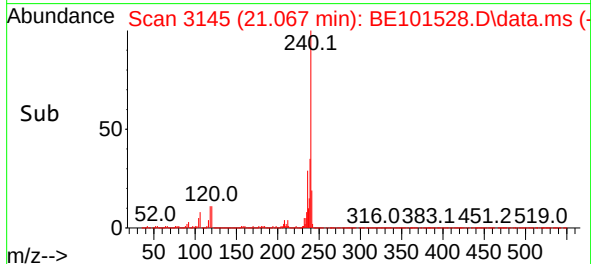
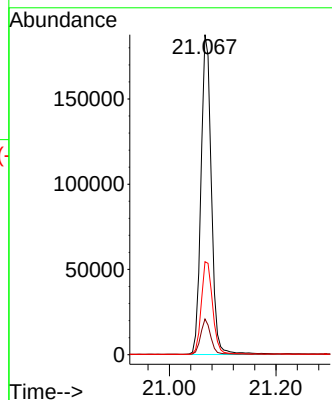
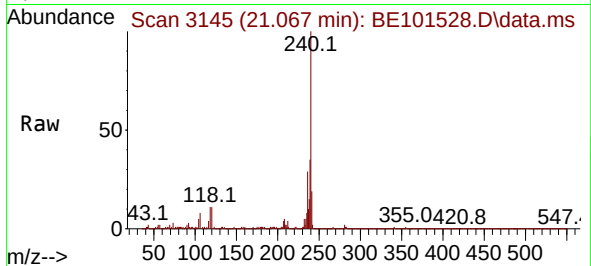




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

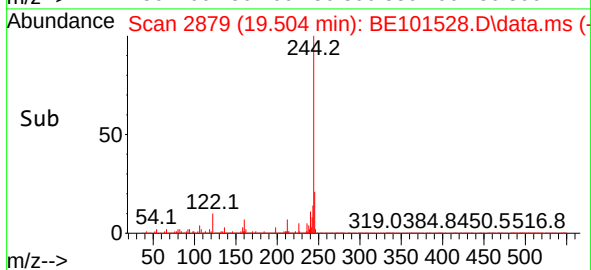
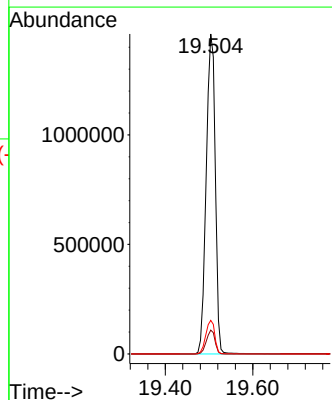
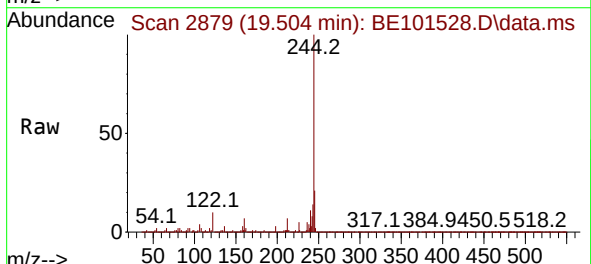
Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

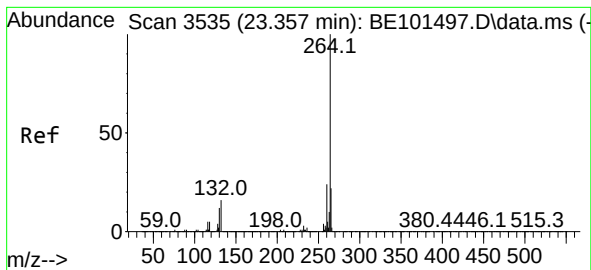
Tgt Ion:240 Resp: 253445
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.4
236 29.1 21.4 32.2



#79
Terphenyl-d14
Concen: 184.433 ng
RT: 19.504 min Scan# 2879
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:244 Resp: 2111687
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.352 min Scan# 31

Delta R.T. -0.004 min

Lab File: BE101528.D

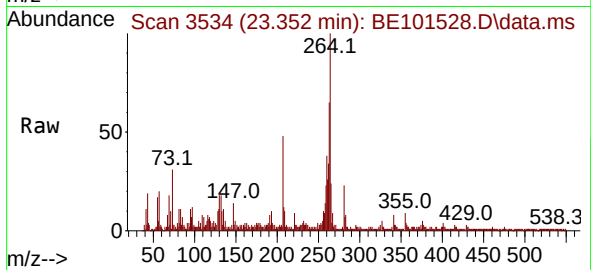
Acq: 7 Nov 2024 13:20

Instrument :

BNA_E

ClientSampleId :

BP-F-5RE



Tgt Ion:264 Resp: 44227

Ion Ratio Lower Upper

264 100

260 37.5 19.4 29.2#

265 23.8 17.4 26.2

