

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
 Data File : BN033841.D
 Acq On : 10 Sep 2024 13:42
 Operator : MA/JU
 Sample : P3874-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904RE

Quant Time: Sep 10 14:23:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 18:36:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

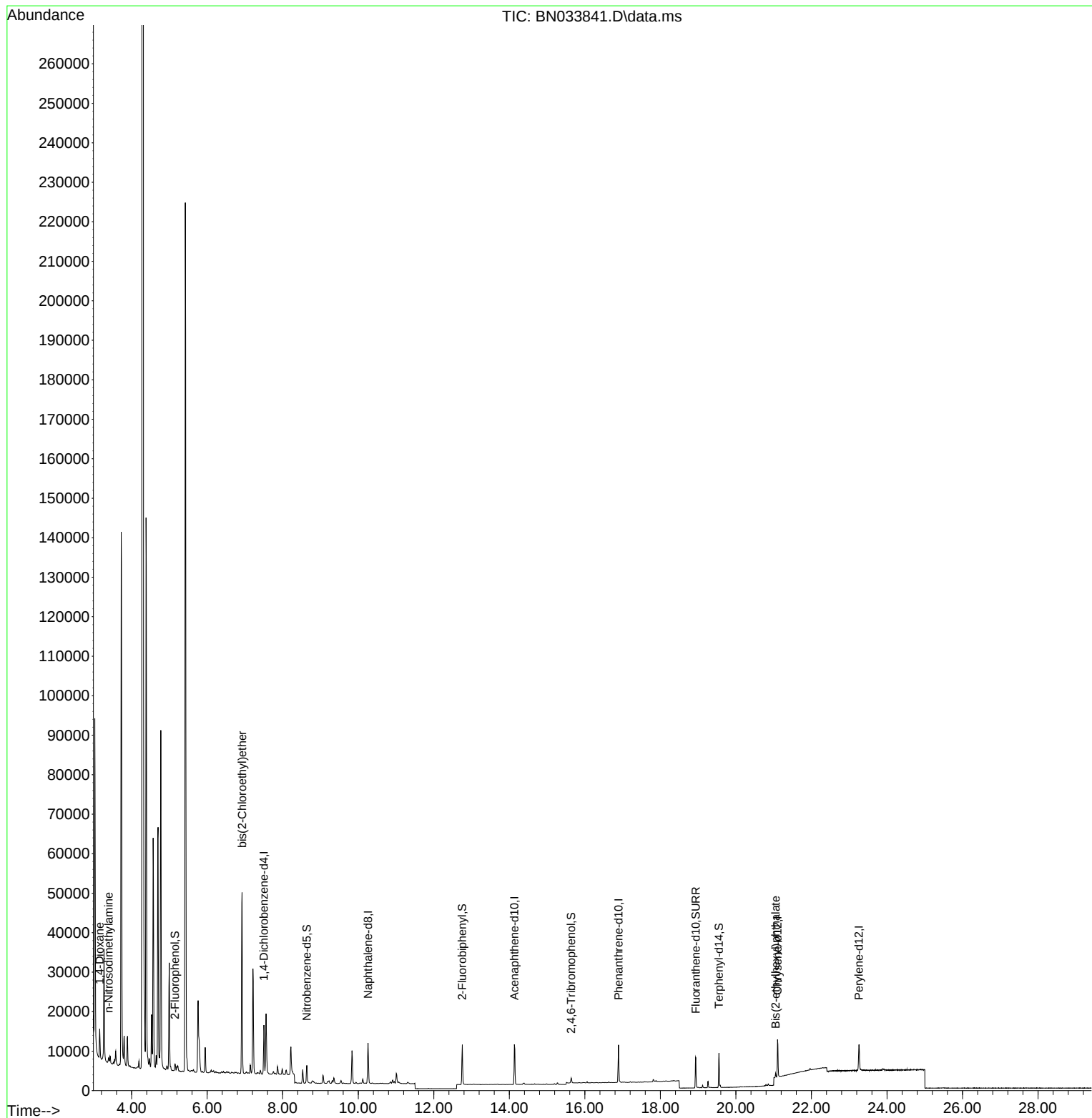
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.501	152	5080	0.400	ng	-0.01
7) Naphthalene-d8	10.261	136	13022	0.400	ng	#-0.01
13) Acenaphthene-d10	14.135	164	6071	0.400	ng	-0.02
19) Phenanthrene-d10	16.892	188	12039	0.400	ng	-0.01
29) Chrysene-d12	21.103	240	9041	0.400	ng	0.00
35) Perylene-d12	23.259	264	8233	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.147	112	745	0.048	ng	0.00
5) Phenol-d6	6.736	99	25	0.001	ng	0.03
8) Nitrobenzene-d5	8.638	82	3471	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	11.812	152	5	0.000	ng	-0.06
14) 2,4,6-Tribromophenol	15.638	330	687	0.224	ng	-0.01
15) 2-Fluorobiphenyl	12.756	172	8208	0.324	ng	-0.01
27) Fluoranthene-d10	18.938	212	8778	0.296	ng	0.00
31) Terphenyl-d14	19.551	244	8226	0.427	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	4205	0.728	ng	# 88
3) n-Nitrosodimethylamine	3.392	42	1058	0.156	ng	# 1
6) bis(2-Chloroethyl)ether	6.924	93	28300	2.037	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.050	149	1038	0.059	ng	# 98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
Data File : BN033841.D
Acq On : 10 Sep 2024 13:42
Operator : MA/JU
Sample : P3874-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

Quant Time: Sep 10 14:23:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

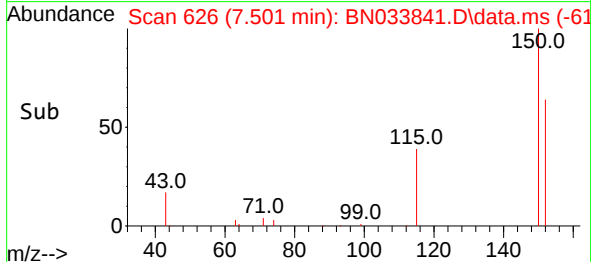
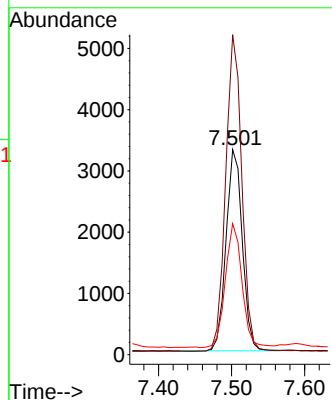
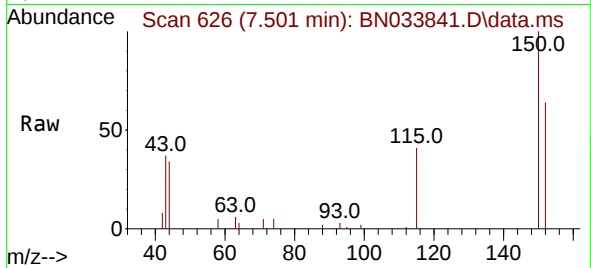




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.501 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

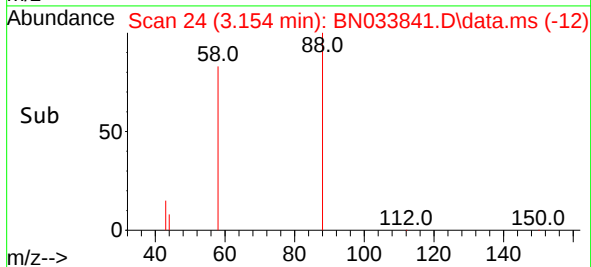
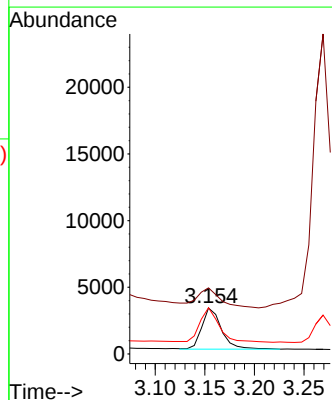
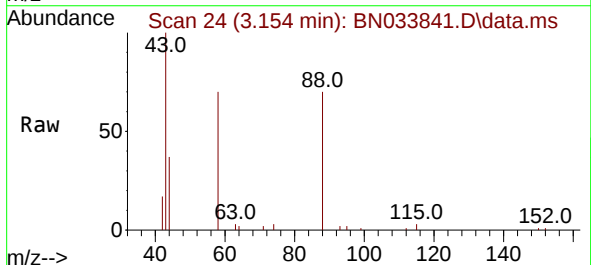
Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904RE

Tgt Ion:152 Resp: 5080
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.3 184.9
 115 63.9 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.728 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.014 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

Tgt Ion: 88 Resp: 4205
 Ion Ratio Lower Upper
 88 100
 43 54.9 29.0 43.4#
 58 82.4 64.1 96.1

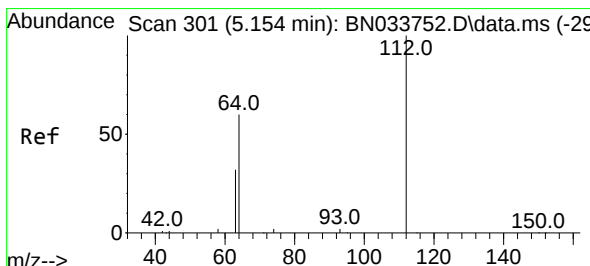
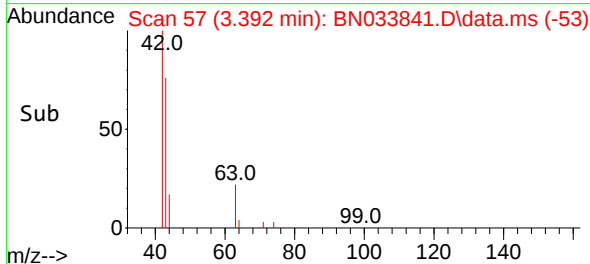
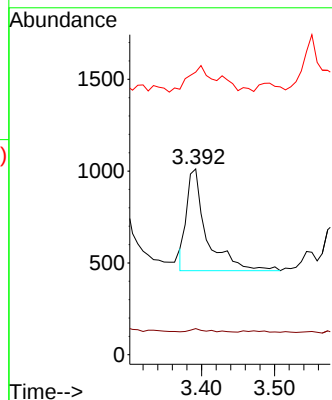
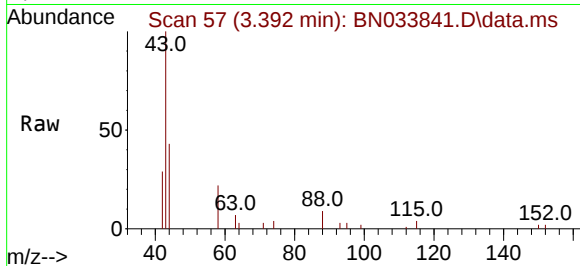




#3
n-Nitrosodimethylamine
Concen: 0.156 ng
RT: 3.392 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

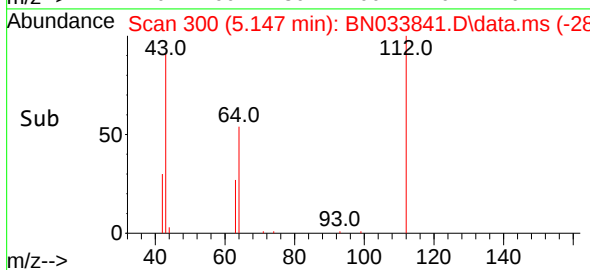
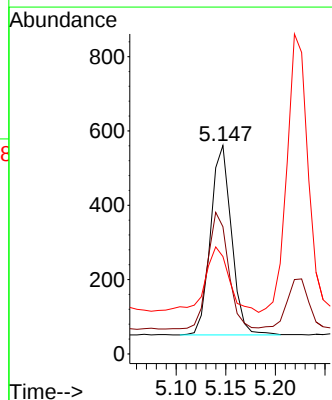
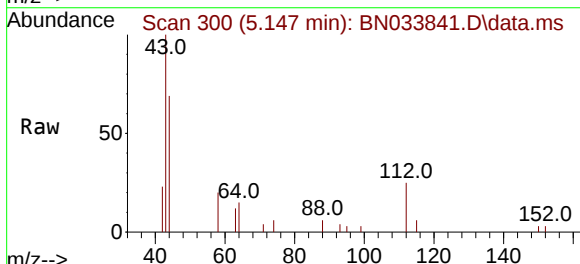
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

Tgt Ion: 42 Resp: 1058
Ion Ratio Lower Upper
42 100
74 2.9 93.5 140.3#
44 21.8 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.147 min Scan# 300
Delta R.T. -0.007 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion: 112 Resp: 745
Ion Ratio Lower Upper
112 100
64 61.3 47.6 71.4
63 40.4 25.9 38.9#

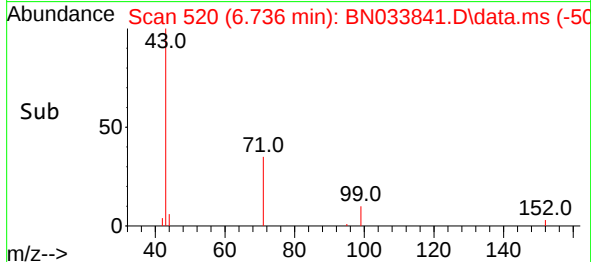
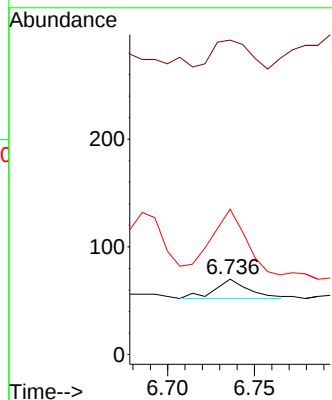
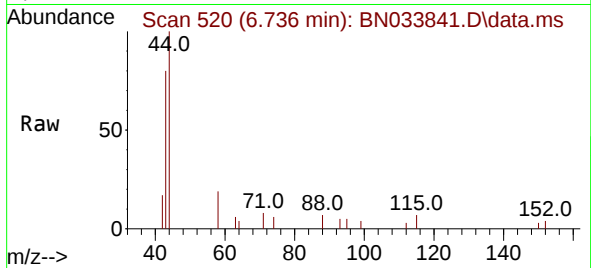




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.029 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

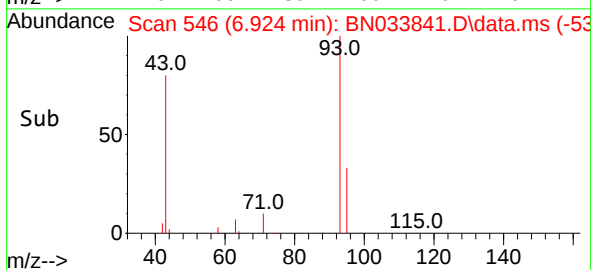
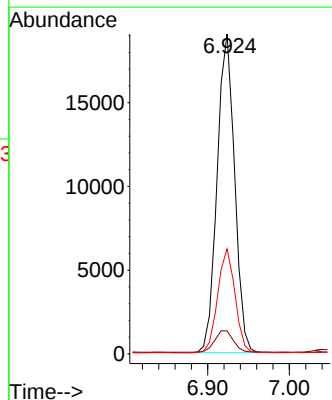
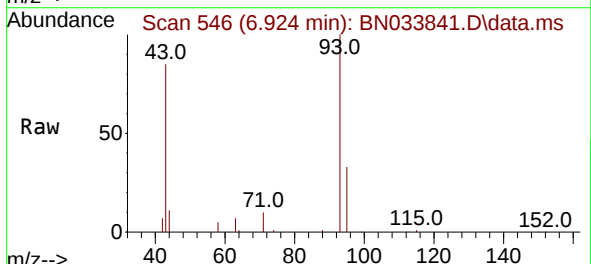
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

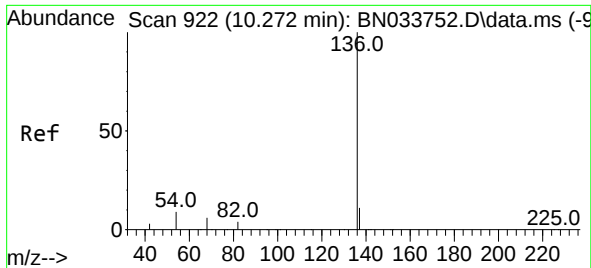
Tgt Ion: 99 Resp: 25
Ion Ratio Lower Upper
99 100
42 156.0 18.0 27.0#
71 352.0 28.7 43.1#



#6
bis(2-Chloroethyl)ether
Concen: 2.037 ng
RT: 6.924 min Scan# 546
Delta R.T. -0.036 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion: 93 Resp: 28300
Ion Ratio Lower Upper
93 100
63 7.3 64.4 96.6#
95 32.3 26.5 39.7

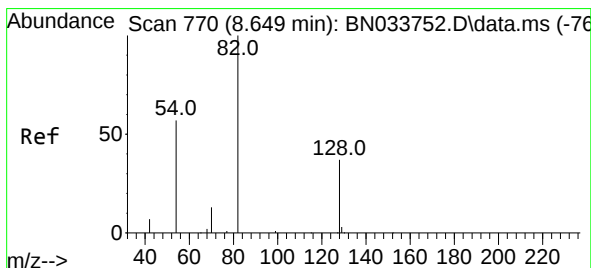
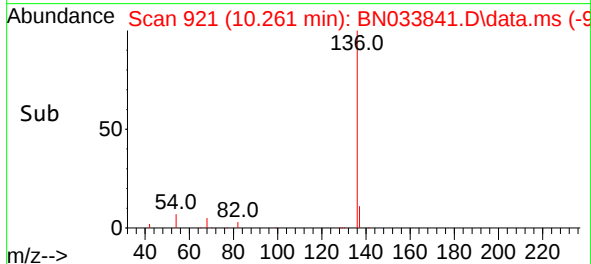
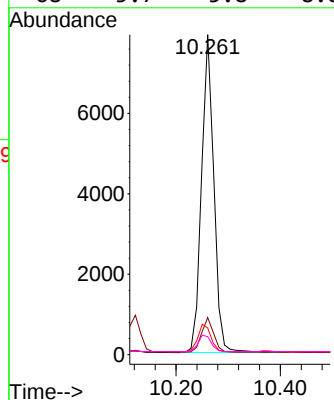
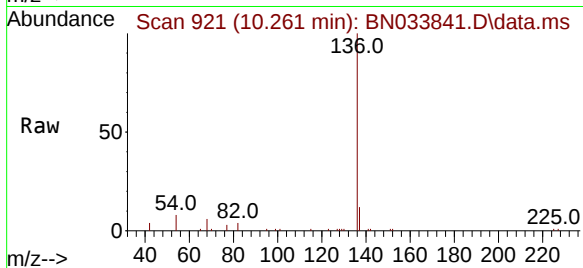




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

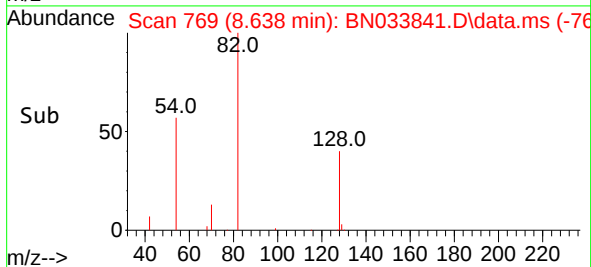
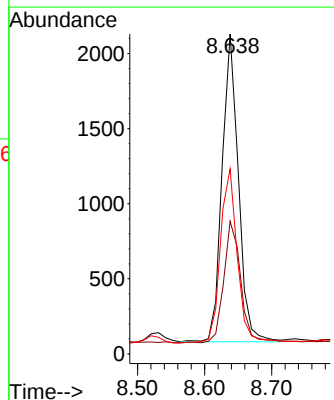
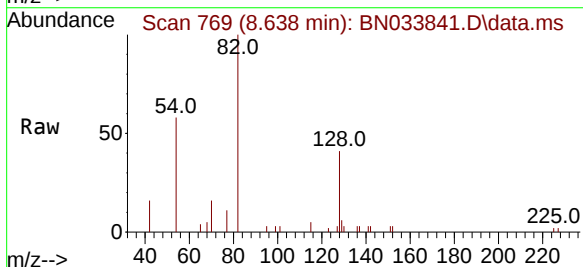
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

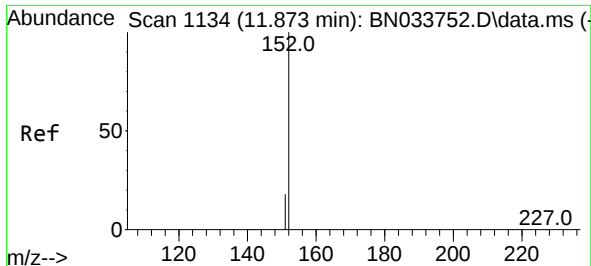
Tgt Ion:	136	Resp:	13022
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.4
54	8.4	8.1	12.1
68	5.7	5.8	8.8



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.638 min Scan# 769
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion:	82	Resp:	3471
Ion Ratio	Lower	Upper	
82	100		
128	41.5	31.3	46.9
54	57.8	46.9	70.3





#11

2-Methylnaphthalene-d10

Concen: 0.000 ng

RT: 11.812 min Scan# 1118

Delta R.T. -0.061 min

Lab File: BN033841.D

Acq: 10 Sep 2024 13:42

Instrument :

BNA_N

ClientSampleId :

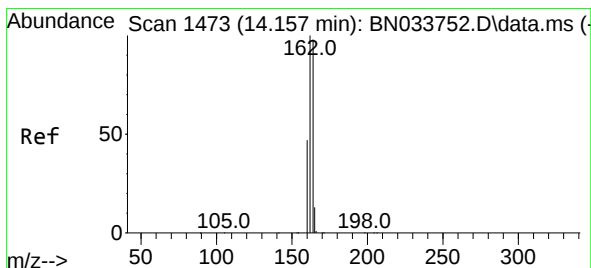
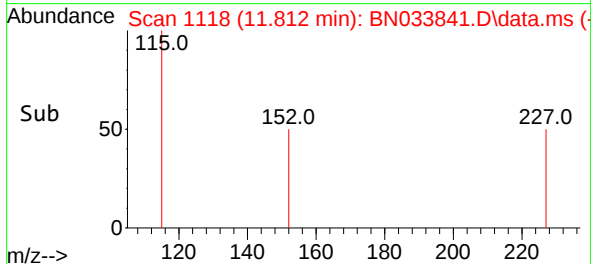
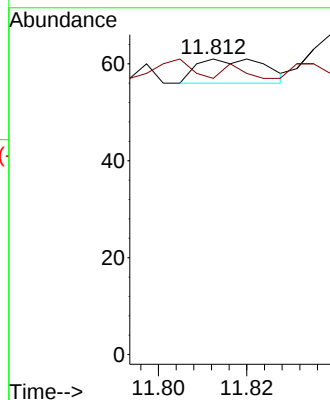
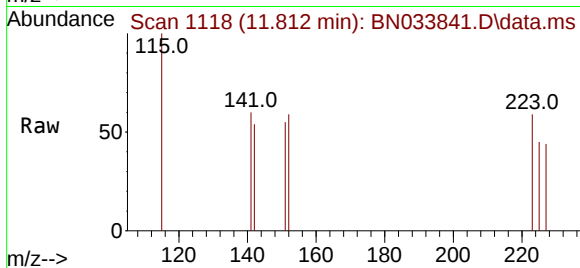
TT189D1-HYD-20240904RE

Tgt Ion:152 Resp: 5

Ion Ratio Lower Upper

152 100

151 20.0 16.7 25.1



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.135 min Scan# 1471

Delta R.T. -0.022 min

Lab File: BN033841.D

Acq: 10 Sep 2024 13:42

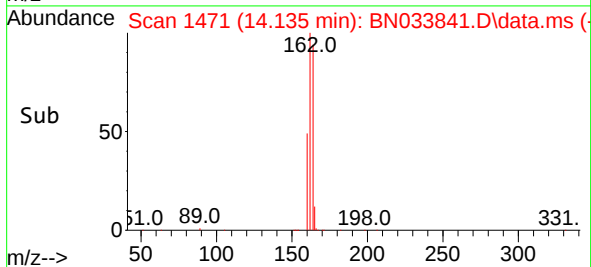
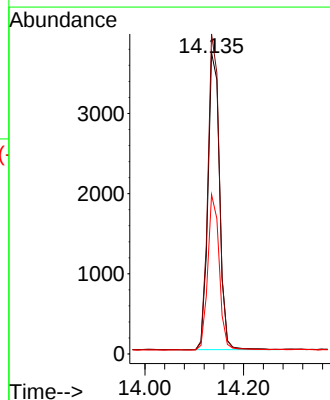
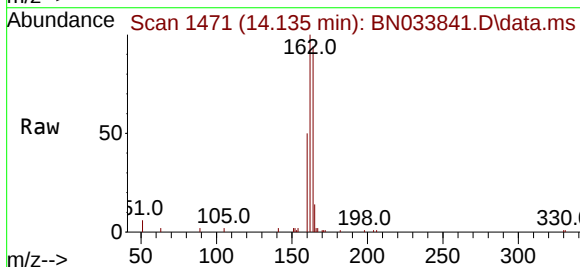
Tgt Ion:164 Resp: 6071

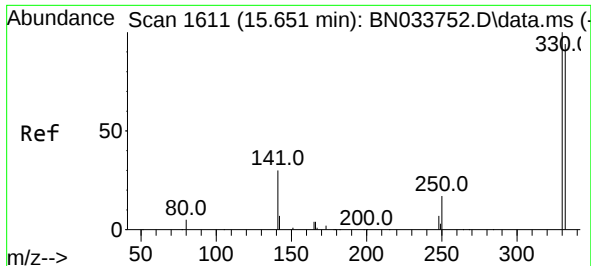
Ion Ratio Lower Upper

164 100

162 106.3 82.0 123.0

160 52.9 39.1 58.7

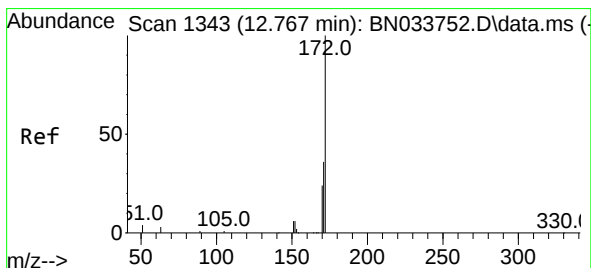
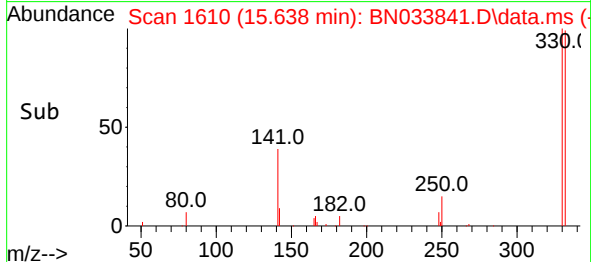
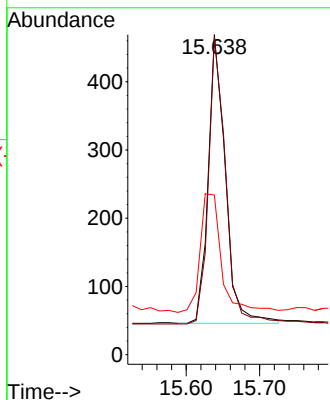
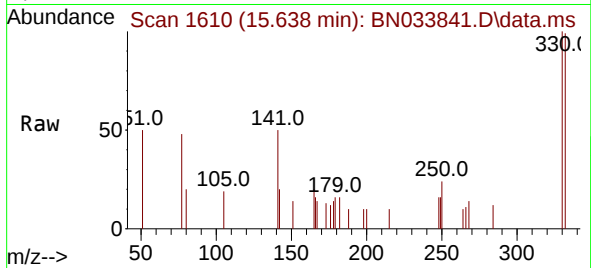




#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.638 min Scan# 1610
Delta R.T. -0.013 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

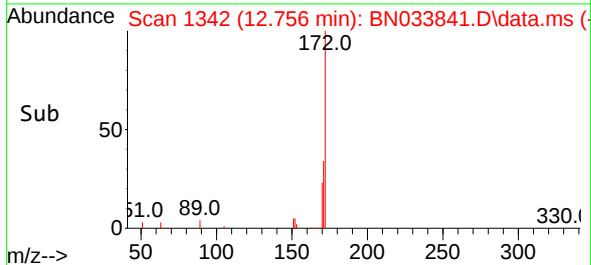
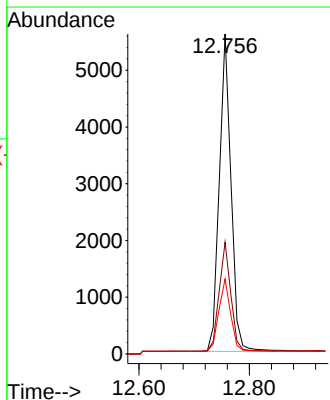
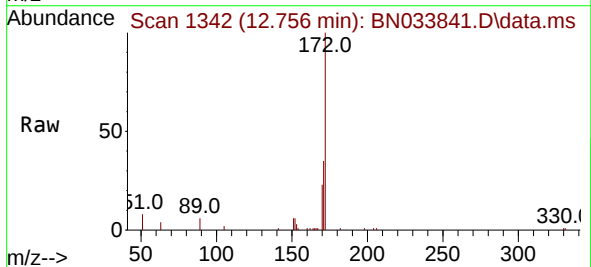
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

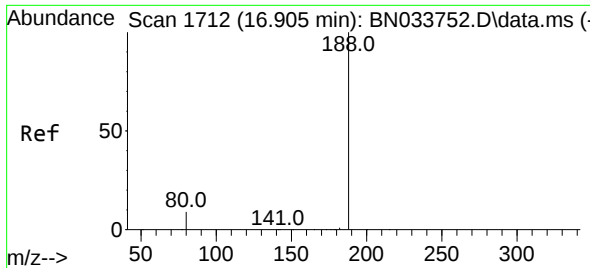
Tgt Ion:330 Resp: 687
Ion Ratio Lower Upper
330 100
332 99.0 74.2 111.4
141 50.8 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.324 ng
RT: 12.756 min Scan# 1342
Delta R.T. -0.011 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion:172 Resp: 8208
Ion Ratio Lower Upper
172 100
171 34.9 28.8 43.2
170 23.5 19.7 29.5

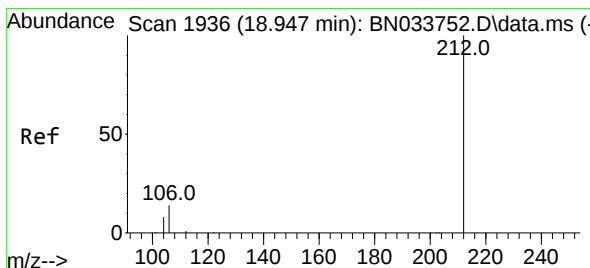
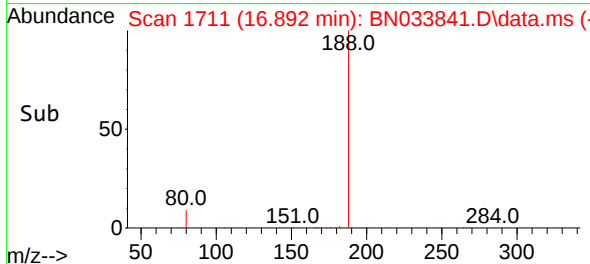
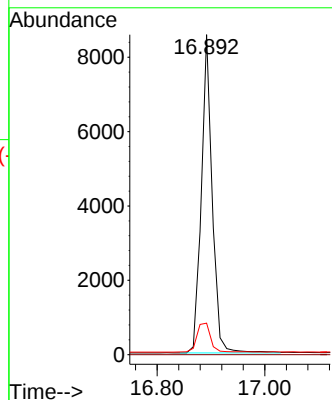
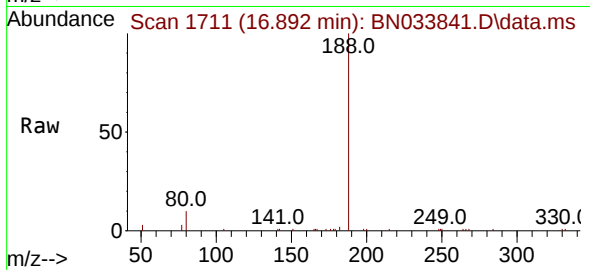




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.892 min Scan# 1712
Delta R.T. -0.013 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

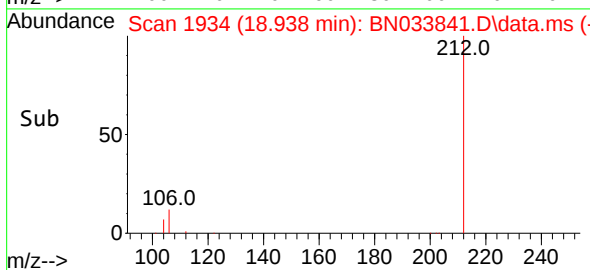
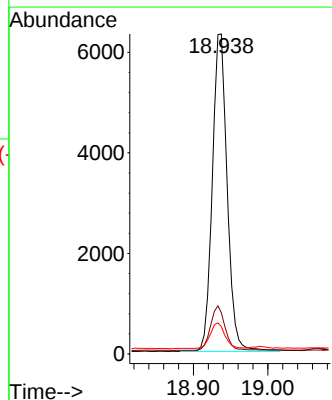
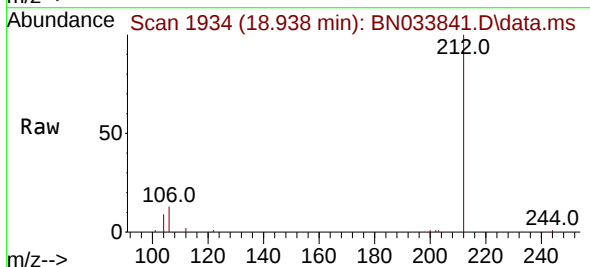
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

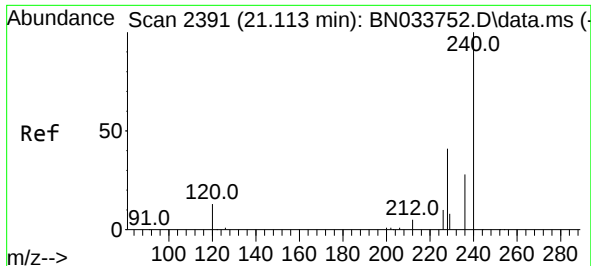
Tgt Ion:188 Resp: 12039
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.9 7.9 11.9



#27
Fluoranthene-d10
Concen: 0.296 ng
RT: 18.938 min Scan# 1934
Delta R.T. -0.010 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion:212 Resp: 8778
Ion Ratio Lower Upper
212 100
106 13.8 11.5 17.3
104 7.9 6.6 9.8

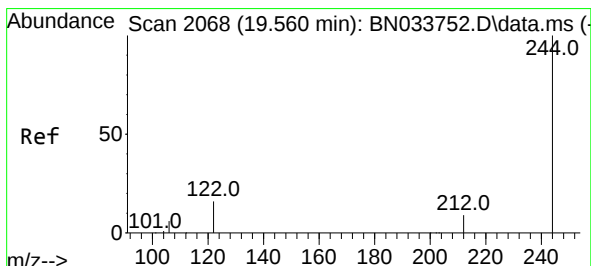
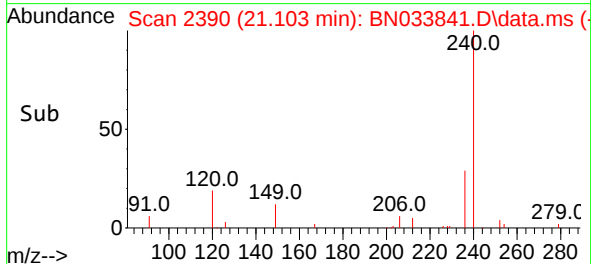
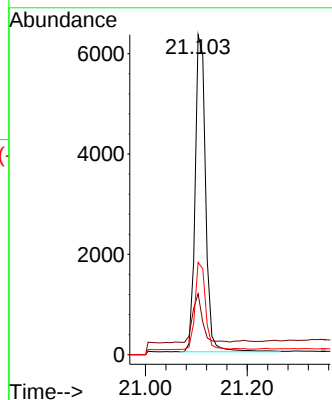
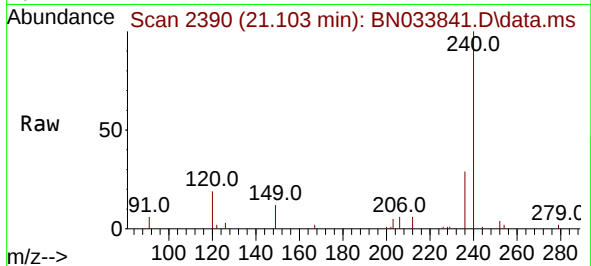




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.103 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

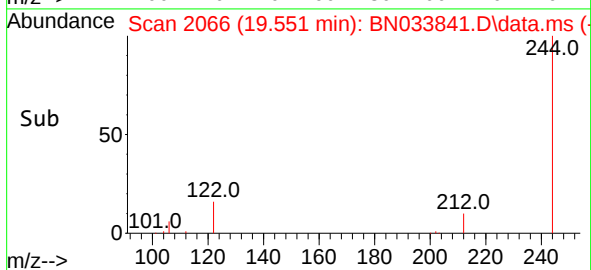
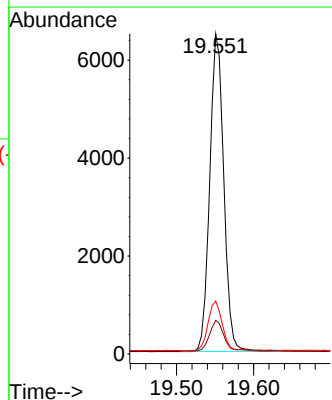
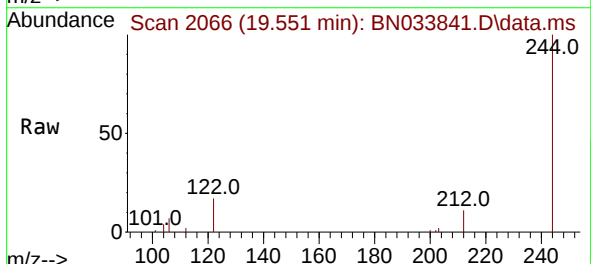
Instrument :
BNA_N
ClientSampleId :
TT189D1-HYD-20240904RE

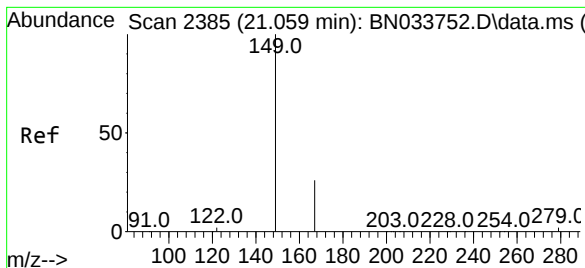
Tgt Ion:240 Resp: 9041
Ion Ratio Lower Upper
240 100
120 19.0 13.7 20.5
236 28.9 23.4 35.2



#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.551 min Scan# 2066
Delta R.T. -0.010 min
Lab File: BN033841.D
Acq: 10 Sep 2024 13:42

Tgt Ion:244 Resp: 8226
Ion Ratio Lower Upper
244 100
212 10.5 7.9 11.9
122 16.6 13.2 19.8

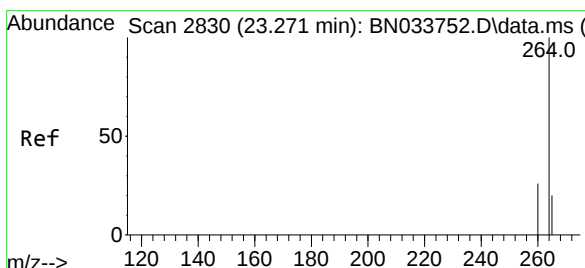
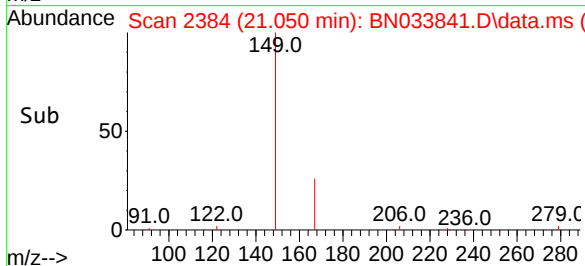
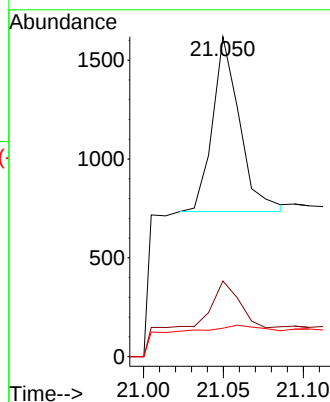
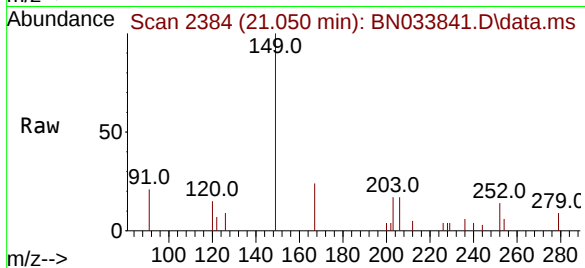




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.050 min Scan# 2103
 Delta R.T. -0.009 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

Instrument :
 BNA_N
 ClientSampleId :
 TT189D1-HYD-20240904RE

Tgt Ion:149 Resp: 1038
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.0 31.4
 279 0.0 2.4 3.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.259 min Scan# 2826
 Delta R.T. -0.012 min
 Lab File: BN033841.D
 Acq: 10 Sep 2024 13:42

Tgt Ion:264 Resp: 8233
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.1 31.7
 265 90.5 72.0 108.0

