

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091024\
 Data File : BN033842.D
 Acq On : 10 Sep 2024 14:18
 Operator : MA/JU
 Sample : P3874-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

Quant Time: Sep 10 14:56:22 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)

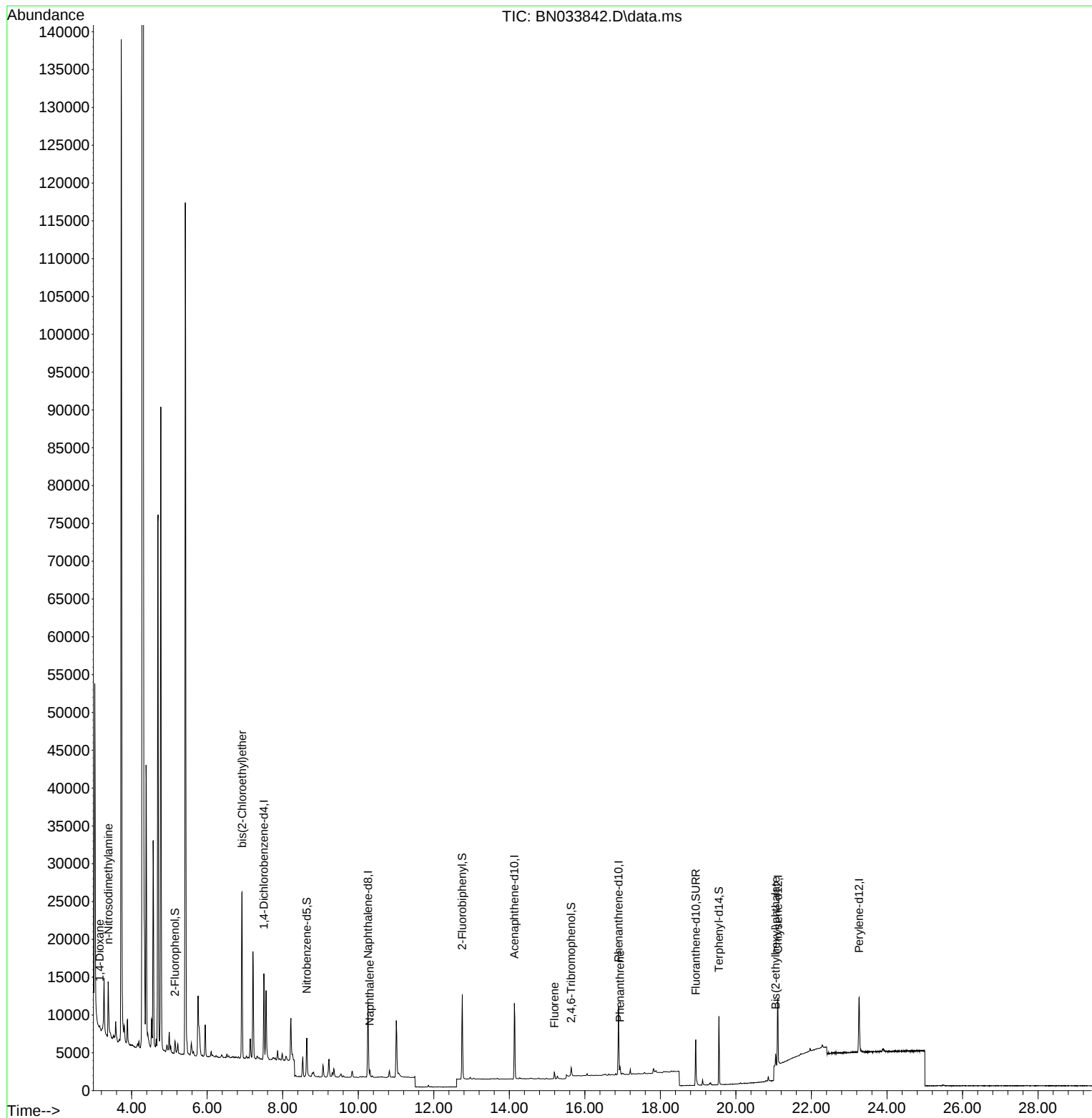
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.502	152	4933	0.400	ng	-0.01
7) Naphthalene-d8	10.261	136	12627	0.400	ng	#-0.01
13) Acenaphthene-d10	14.135	164	5697	0.400	ng	-0.02
19) Phenanthrene-d10	16.892	188	11317	0.400	ng	-0.01
29) Chrysene-d12	21.112	240	8818	0.400	ng	# 0.00
35) Perylene-d12	23.262	264	9104	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.147	112	821	0.054	ng	0.00
5) Phenol-d6	6.700	99	11	0.001	ng	0.00
8) Nitrobenzene-d5	8.638	82	3928	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	11.858	152	311	0.017	ng	-0.02
14) 2,4,6-Tribromophenol	15.638	330	578	0.201	ng	-0.01
15) 2-Fluorobiphenyl	12.756	172	9163	0.386	ng	-0.01
27) Fluoranthene-d10	18.938	212	6758	0.242	ng	0.00
31) Terphenyl-d14	19.551	244	8112	0.431	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	202	0.036	ng	# 28
3) n-Nitrosodimethylamine	3.385	42	2010	0.305	ng	# 1
6) bis(2-Chloroethyl)ether	6.924	93	13824	1.025	ng	# 41
9) Naphthalene	10.304	128	1176	0.035	ng	# 83
18) Fluorene	15.194	166	541	0.026	ng	99
25) Phenanthrene	16.929	178	947	0.030	ng	96
34) Bis(2-ethylhexyl)phtha...	21.050	149	1409	0.082	ng	# 98

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

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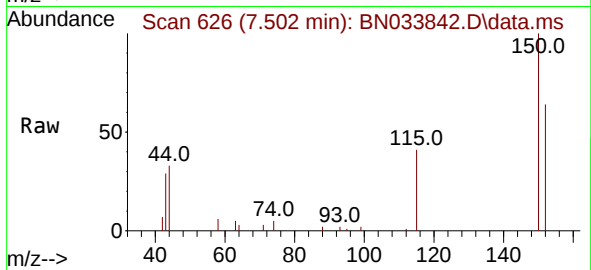
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration



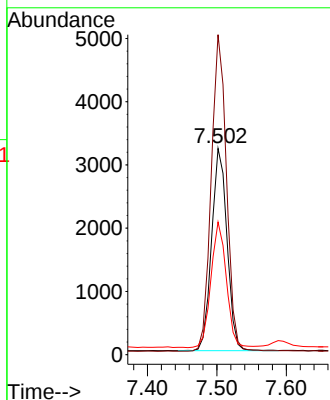
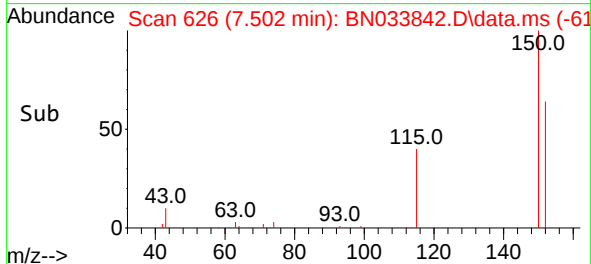


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.502 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN033842.D
 Acq: 10 Sep 2024 14:18

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

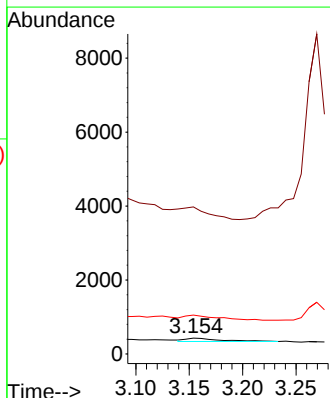
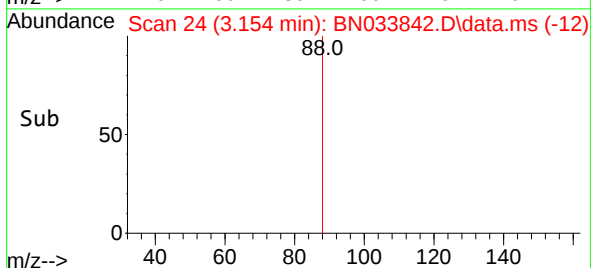
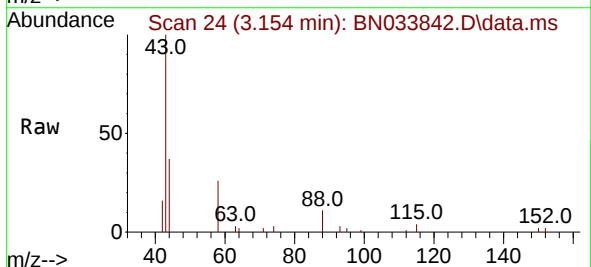


Tgt Ion:152 Resp: 4933
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.3 184.9
 115 64.3 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.036 ng
 RT: 3.154 min Scan# 24
 Delta R.T. -0.014 min
 Lab File: BN033842.D
 Acq: 10 Sep 2024 14:18

Tgt Ion: 88 Resp: 202
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.0 43.4#
 58 147.5 64.1 96.1#

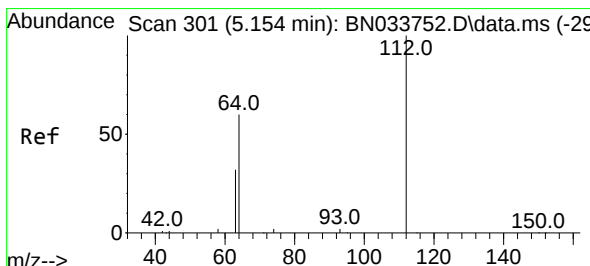
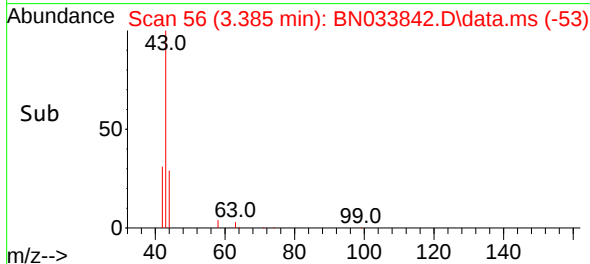
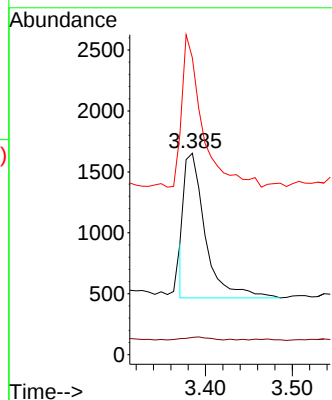
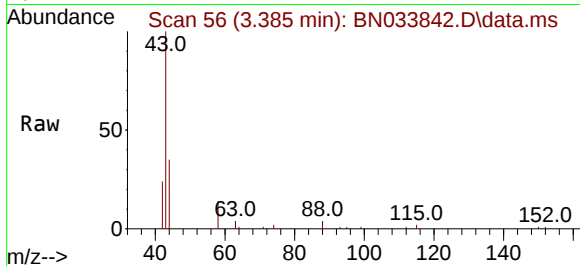




#3
n-Nitrosodimethylamine
Concen: 0.305 ng
RT: 3.385 min Scan# 50
Delta R.T. -0.080 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

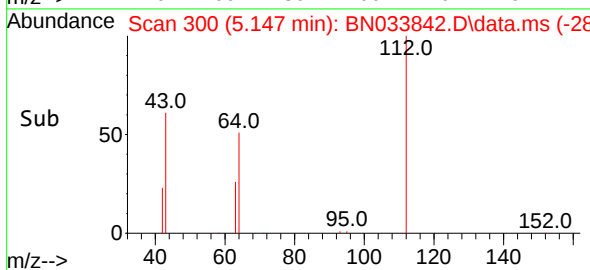
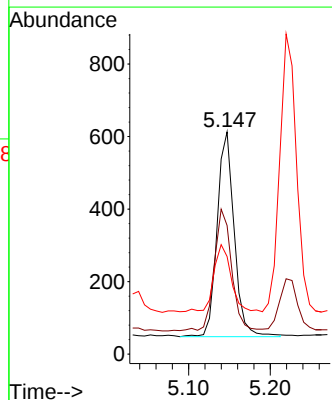
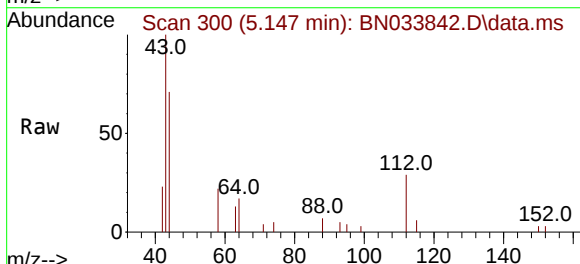
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

Tgt Ion: 42 Resp: 2010
Ion Ratio Lower Upper
42 100
74 2.0 93.5 140.3#
44 85.3 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.054 ng
RT: 5.147 min Scan# 300
Delta R.T. -0.007 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion: 112 Resp: 821
Ion Ratio Lower Upper
112 100
64 60.5 47.6 71.4
63 34.3 25.9 38.9

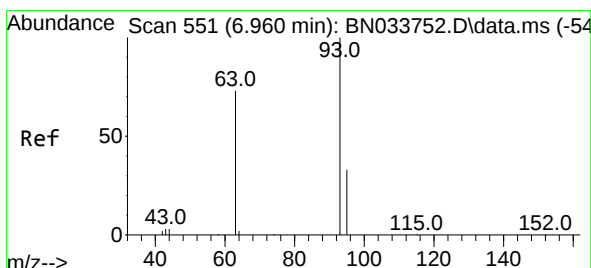
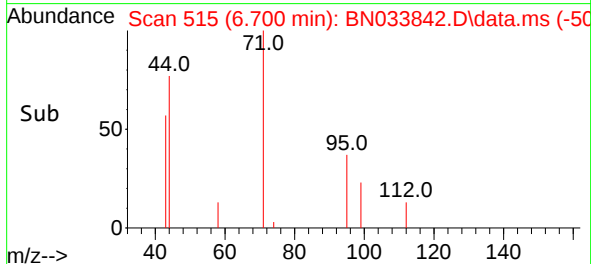
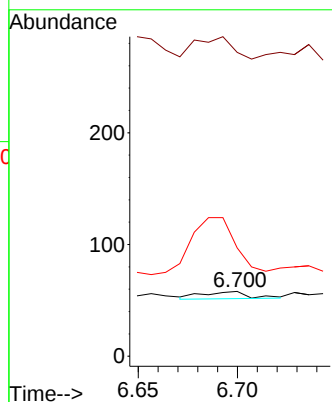
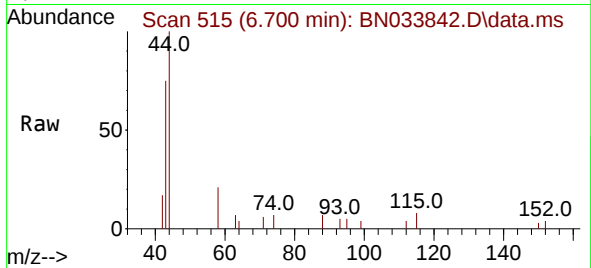




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

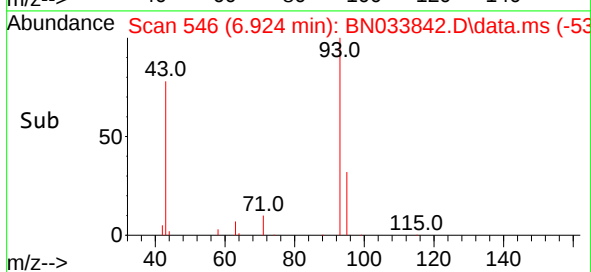
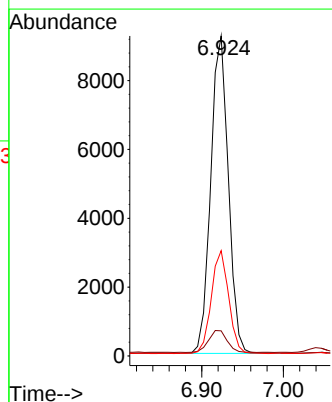
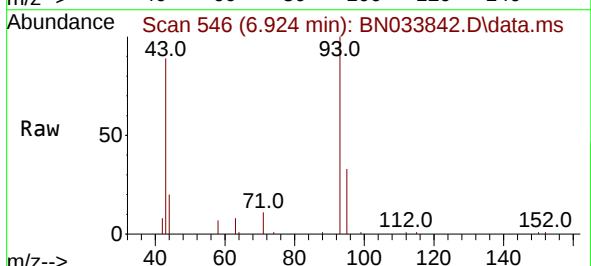
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

Tgt Ion: 99 Resp: 11
Ion Ratio Lower Upper
99 100
42 227.3 18.0 27.0#
71 909.1 28.7 43.1#



#6
bis(2-Chloroethyl)ether
Concen: 1.025 ng
RT: 6.924 min Scan# 546
Delta R.T. -0.036 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion: 93 Resp: 13824
Ion Ratio Lower Upper
93 100
63 7.4 64.4 96.6#
95 31.9 26.5 39.7

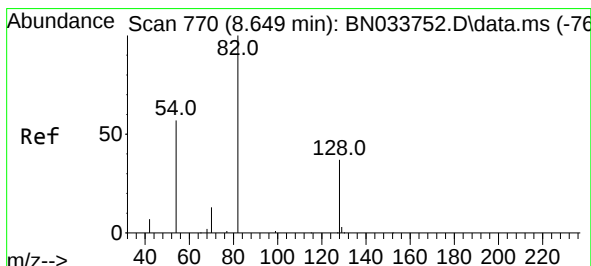
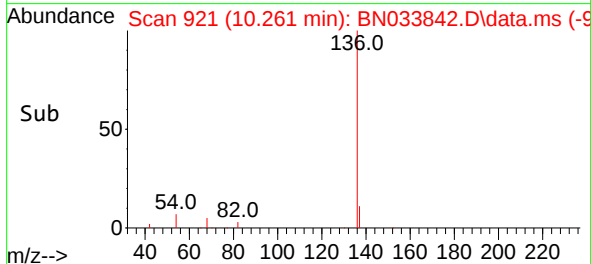
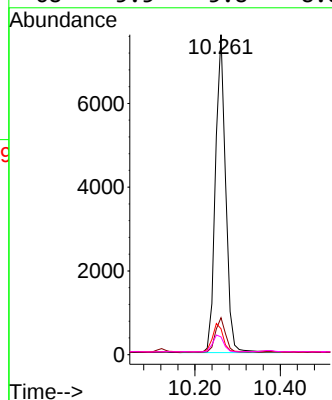
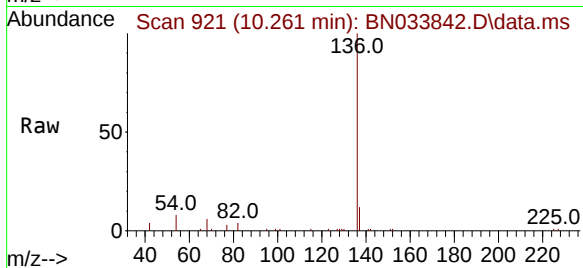




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.261 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

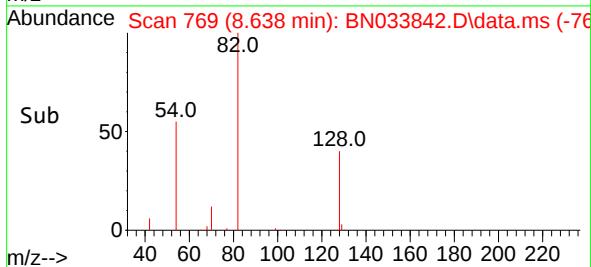
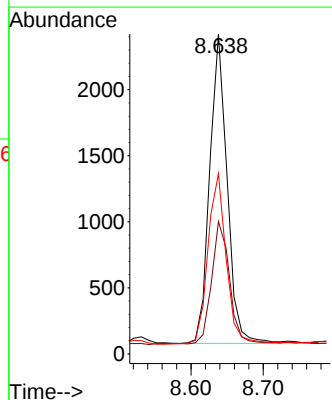
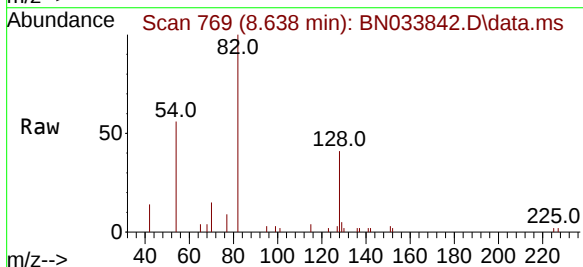
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

Tgt Ion:136	Resp:	12627
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.0 13.4
54	8.1	8.1 12.1
68	5.5	5.8 8.8#



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.638 min Scan# 769
Delta R.T. -0.011 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion: 82	Resp:	3928
Ion Ratio	Lower	Upper
82	100	
128	41.4	31.3 46.9
54	56.3	46.9 70.3

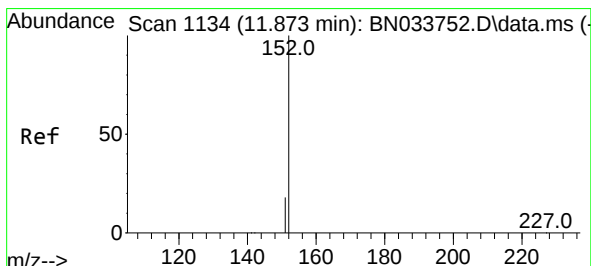
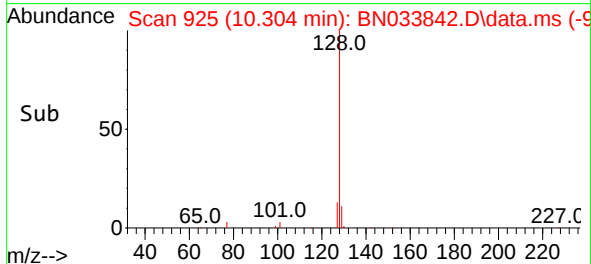
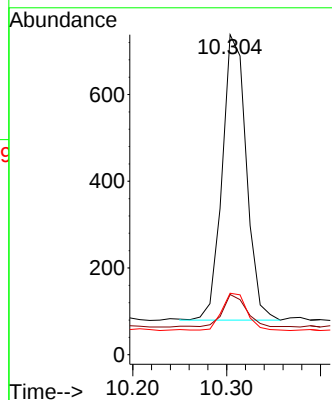
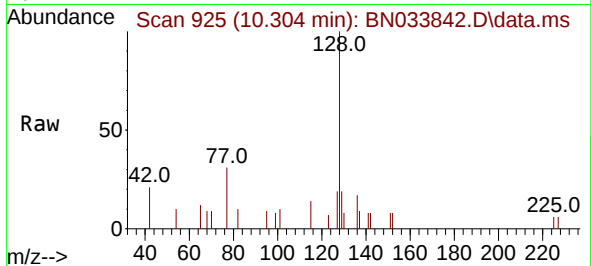




#9
Naphthalene
Concen: 0.035 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.021 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

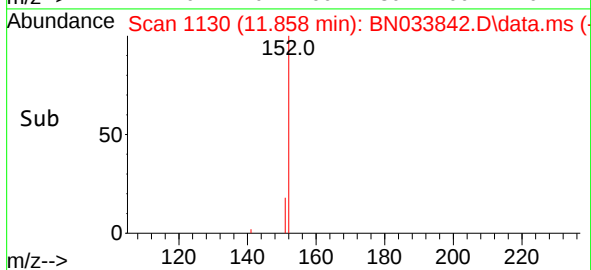
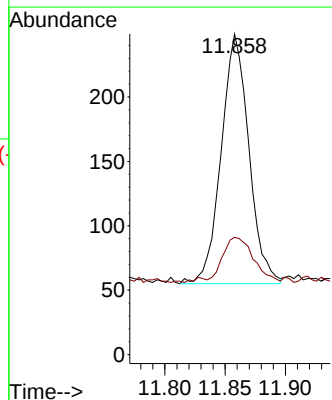
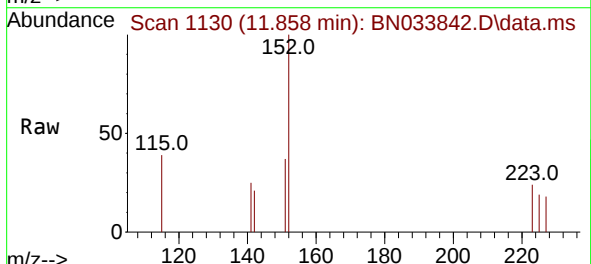
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240904RE

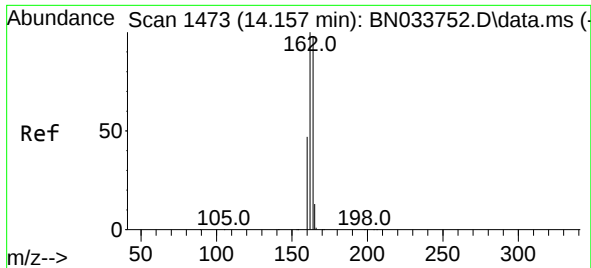
Tgt Ion:128 Resp: 1176
Ion Ratio Lower Upper
128 100
129 18.8 8.9 13.3#
127 19.2 10.8 16.2#



#11
2-Methylnaphthalene-d10
Concen: 0.017 ng
RT: 11.858 min Scan# 1130
Delta R.T. -0.015 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion:152 Resp: 311
Ion Ratio Lower Upper
152 100
151 20.9 16.7 25.1

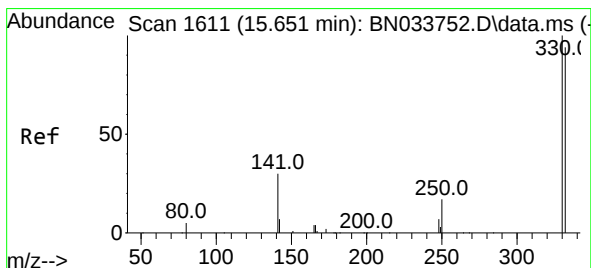
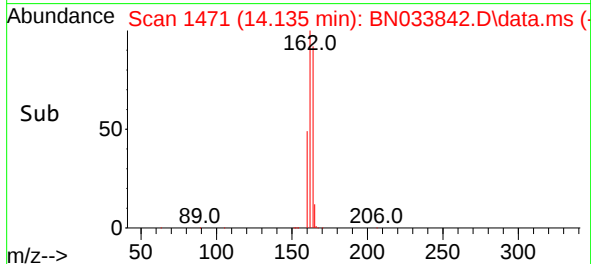
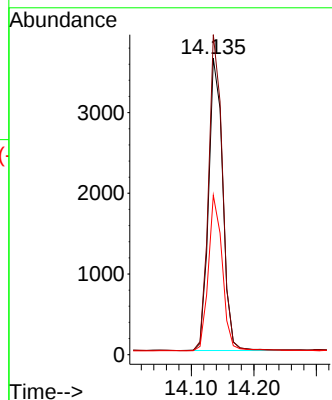
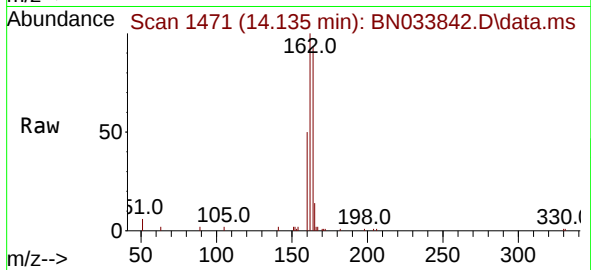




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.135 min Scan# 14
Delta R.T. -0.022 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

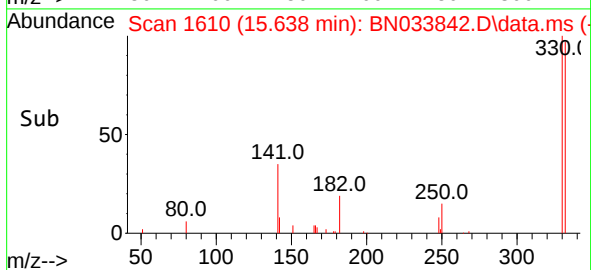
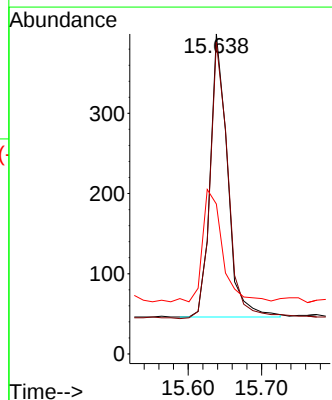
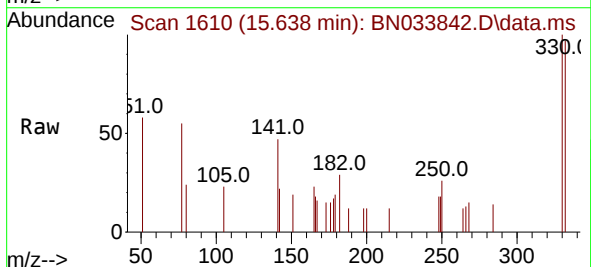
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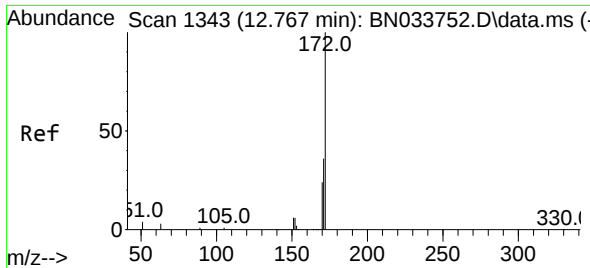
Tgt Ion:164 Resp: 5697
Ion Ratio Lower Upper
164 100
162 108.0 82.0 123.0
160 53.8 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.201 ng
RT: 15.638 min Scan# 1610
Delta R.T. -0.013 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion:330 Resp: 578
Ion Ratio Lower Upper
330 100
332 100.7 74.2 111.4
141 45.5 33.9 50.9

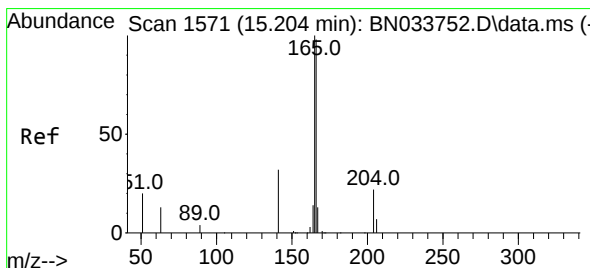
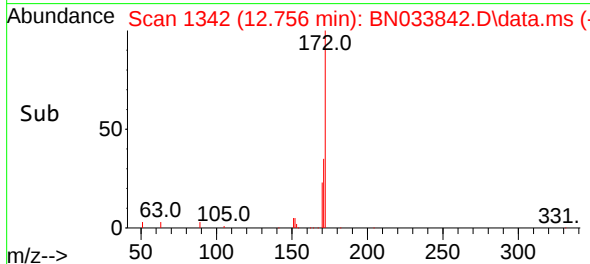
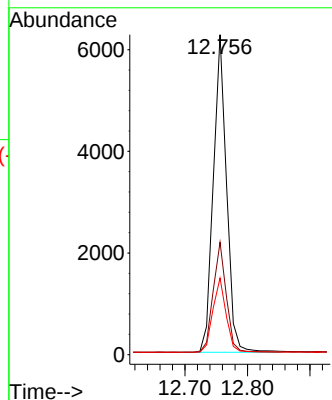
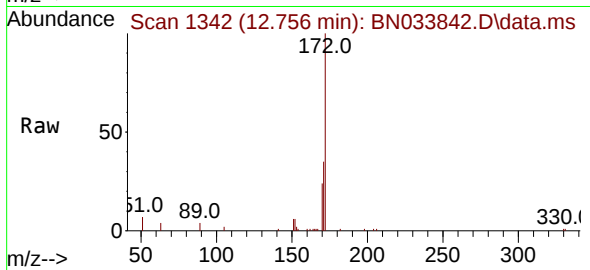




#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 12.756 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

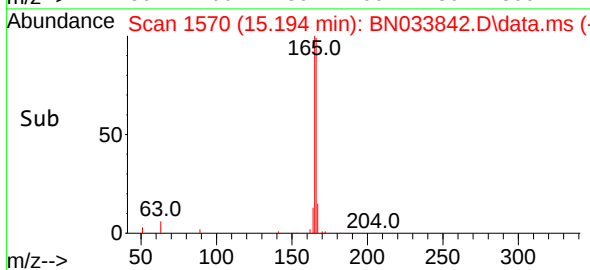
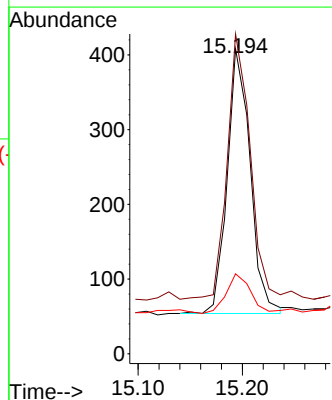
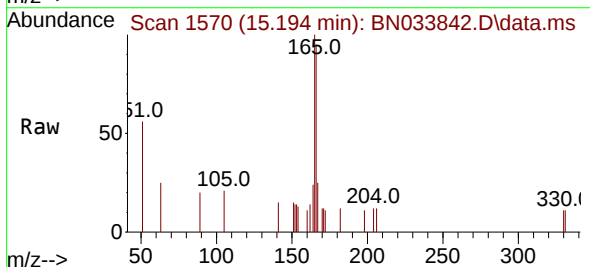
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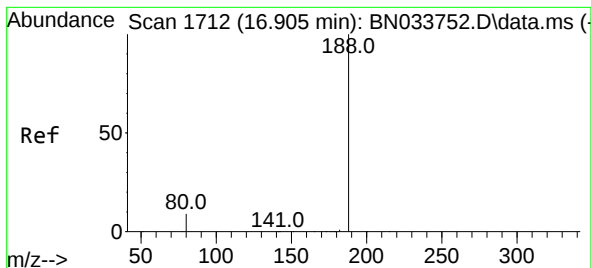
Tgt Ion:172	Resp:	9163
Ion	Ratio	Lower Upper
172	100	
171	35.2	28.8 43.2
170	24.0	19.7 29.5



#18
Fluorene
Concen: 0.026 ng
RT: 15.194 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN033842.D
Acq: 10 Sep 2024 14:18

Tgt Ion:166	Resp:	541
Ion	Ratio	Lower Upper
166	100	
165	98.3	78.8 118.2
167	15.7	10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.892 min Scan# 1711

Delta R.T. -0.013 min

Lab File: BN033842.D

Acq: 10 Sep 2024 14:18

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

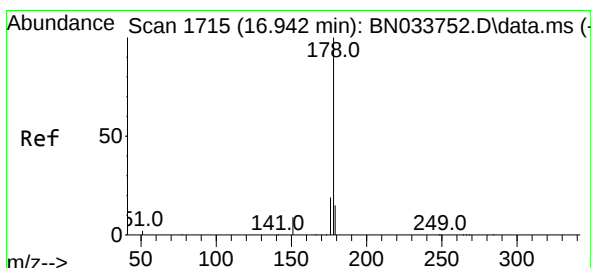
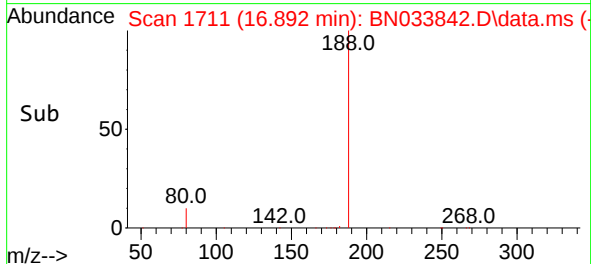
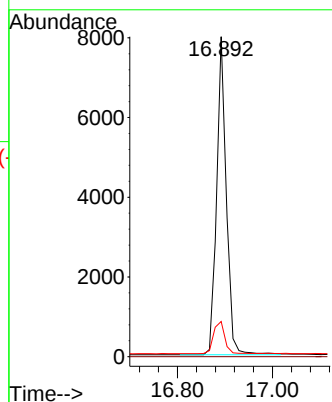
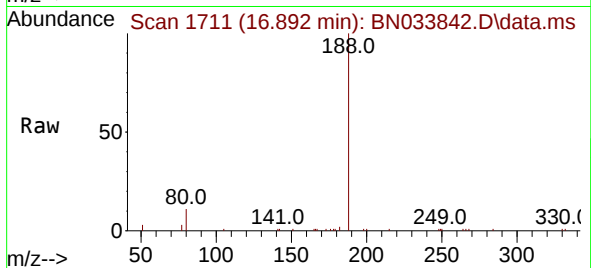
Tgt Ion:188 Resp: 11317

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.0 7.9 11.9



#25

Phenanthrene

Concen: 0.030 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.013 min

Lab File: BN033842.D

Acq: 10 Sep 2024 14:18

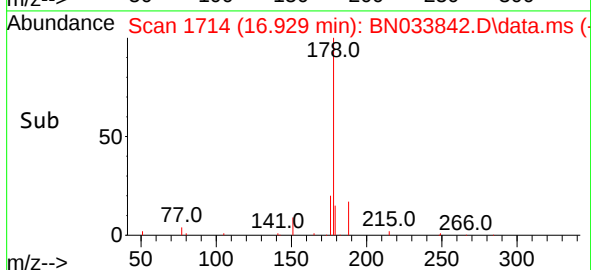
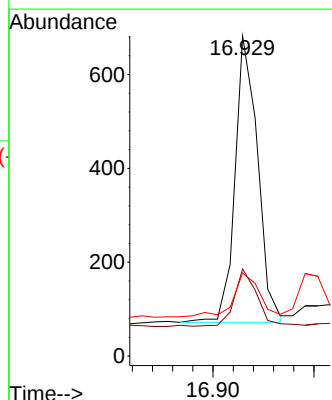
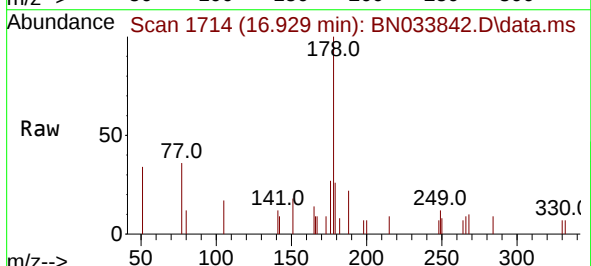
Tgt Ion:178 Resp: 947

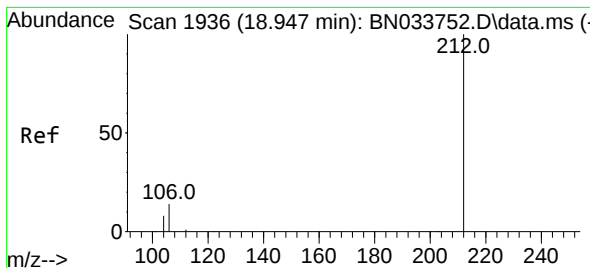
Ion Ratio Lower Upper

178 100

176 20.8 15.4 23.0

179 17.3 12.2 18.4





#27

Fluoranthene-d10

Concen: 0.242 ng

RT: 18.938 min Scan# 1934

Delta R.T. -0.009 min

Lab File: BN033842.D

Acq: 10 Sep 2024 14:18

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240904RE

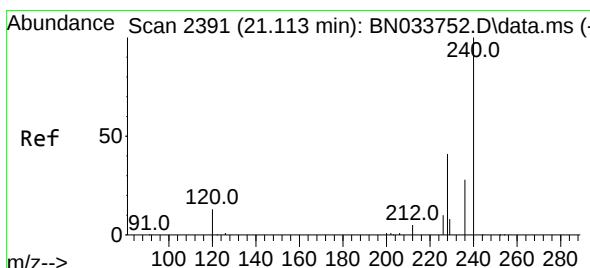
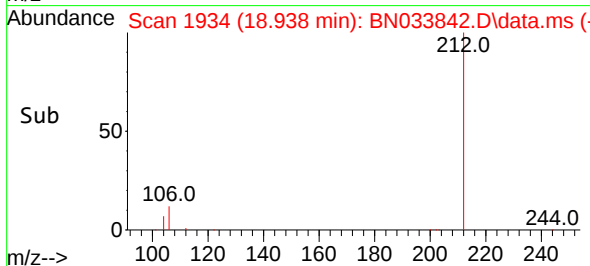
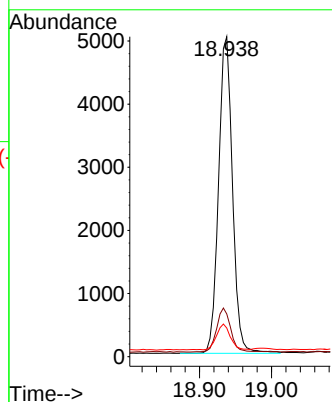
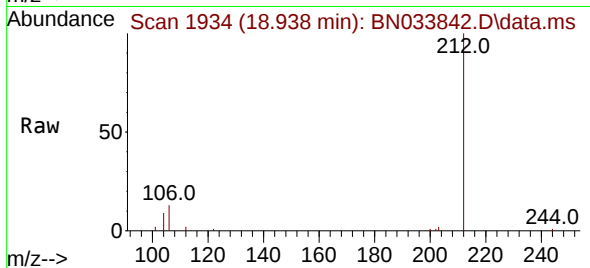
Tgt Ion:212 Resp: 6758

Ion Ratio Lower Upper

212 100

106 14.1 11.5 17.3

104 8.0 6.6 9.8



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.112 min Scan# 2391

Delta R.T. -0.000 min

Lab File: BN033842.D

Acq: 10 Sep 2024 14:18

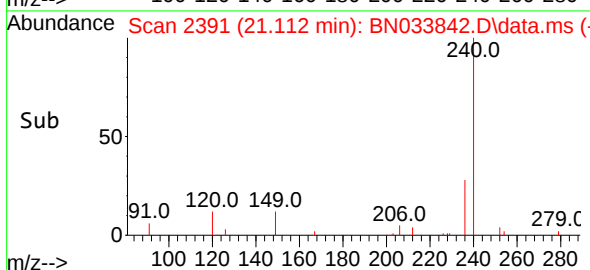
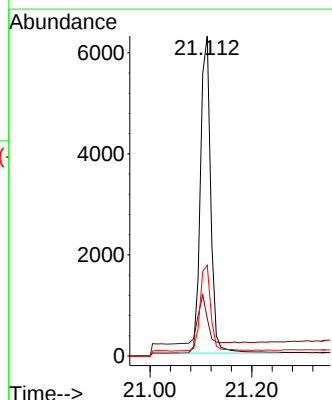
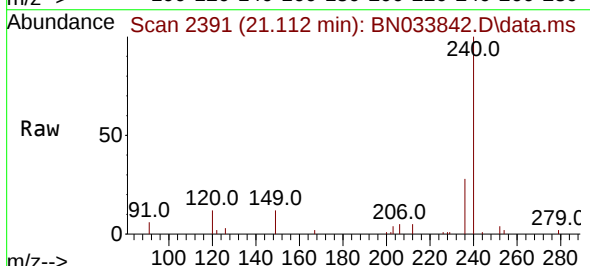
Tgt Ion:240 Resp: 8818

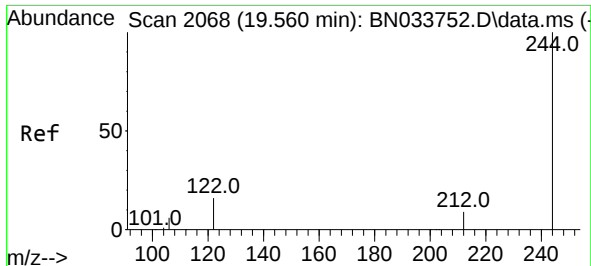
Ion Ratio Lower Upper

240 100

120 11.7 13.7 20.5#

236 28.3 23.4 35.2

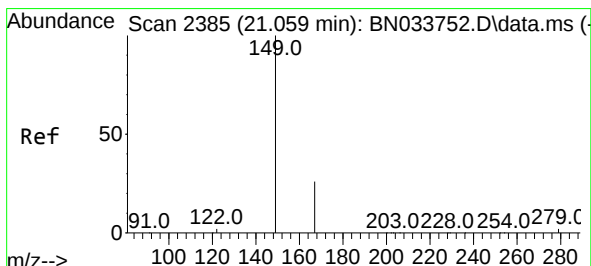
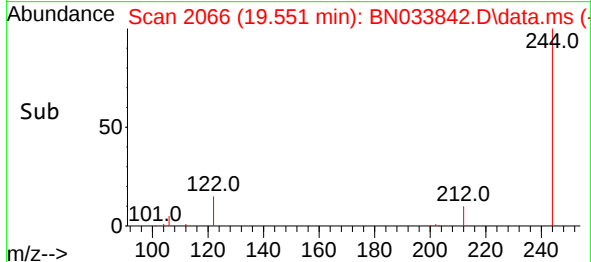
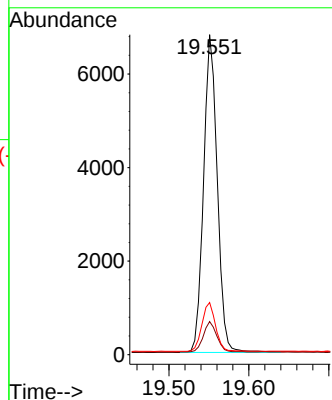
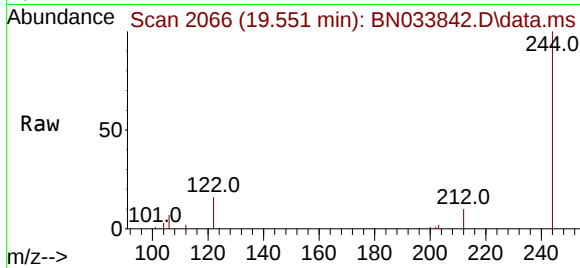




#31
 Terphenyl-d14
 Concen: 0.431 ng
 RT: 19.551 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033842.D
 Acq: 10 Sep 2024 14:18

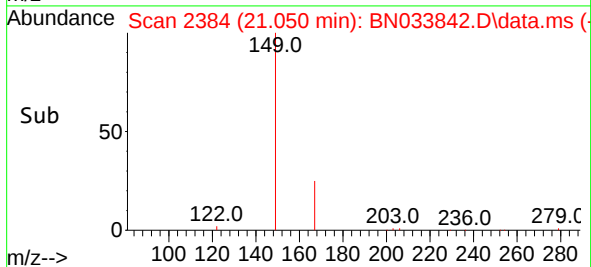
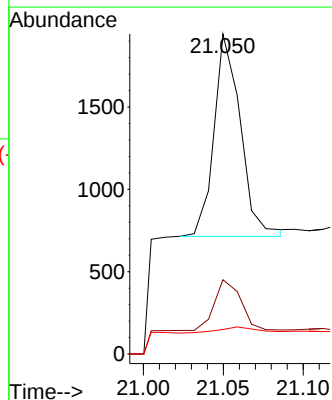
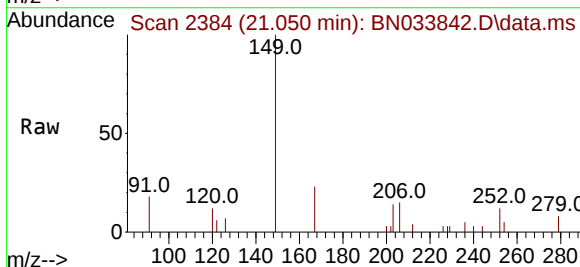
Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

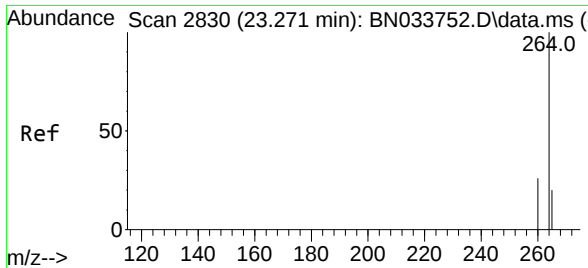
Tgt Ion:244 Resp: 8112
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.9 11.9
 122 16.3 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.050 min Scan# 2384
 Delta R.T. -0.009 min
 Lab File: BN033842.D
 Acq: 10 Sep 2024 14:18

Tgt Ion:149 Resp: 1409
 Ion Ratio Lower Upper
 149 100
 167 25.1 21.0 31.4
 279 4.5 2.4 3.6#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.262 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN033842.D
 Acq: 10 Sep 2024 14:18

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240904RE

Tgt Ion:	264	Resp:	9104
Ion	Ratio	Lower	Upper
264	100		
260	26.4	21.1	31.7
265	83.8	72.0	108.0

