

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080924\
 Data File : BN033317.D
 Acq On : 09 Aug 2024 13:54
 Operator : MA/JU
 Sample : P3515-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240806

Quant Time: Aug 09 14:33:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 08 04:39:01 2024
 Response via : Initial Calibration

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

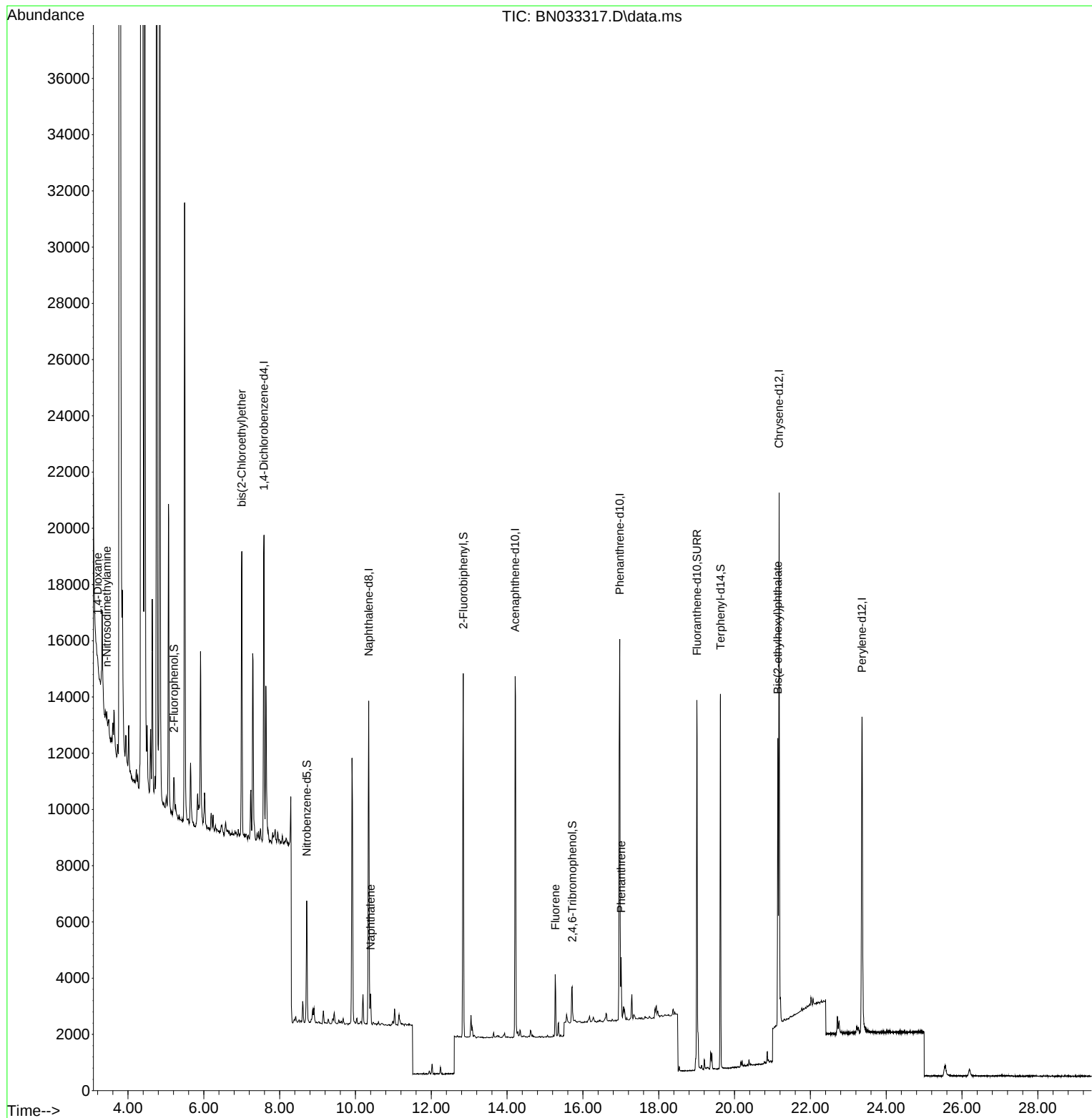
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	5082	0.400	ng	0.00
7) Naphthalene-d8	10.349	136	14094	0.400	ng	# 0.00
13) Acenaphthene-d10	14.212	164	7724	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	18399	0.400	ng	# 0.00
29) Chrysene-d12	21.174	240	15980	0.400	ng	# 0.00
35) Perylene-d12	23.361	264	15462	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.211	112	895	0.067	ng	0.00
5) Phenol-d6	6.749	99	18	0.001	ng	0.00
8) Nitrobenzene-d5	8.715	82	3120	0.363	ng	0.00
11) 2-Methylnaphthalene-d10	11.951	152	144	0.007	ng	0.00
14) 2,4,6-Tribromophenol	15.717	330	798	0.255	ng	0.00
15) 2-Fluorobiphenyl	12.844	172	10992	0.378	ng	0.00
27) Fluoranthene-d10	19.007	212	13665	0.270	ng	0.00
31) Terphenyl-d14	19.629	244	12169	0.442	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.203	88	230	0.041	ng	# 16
3) n-Nitrosodimethylamine	3.442	42	706	0.099	ng	# 1
6) bis(2-Chloroethyl)ether	7.002	93	6121	0.391	ng	# 41
9) Naphthalene	10.402	128	1471	0.037	ng	# 86
18) Fluorene	15.271	166	1277	0.040	ng	99
25) Phenanthrene	17.008	178	1977	0.037	ng	97
34) Bis(2-ethylhexyl)phtha...	21.139	149	9575	0.298	ng	99

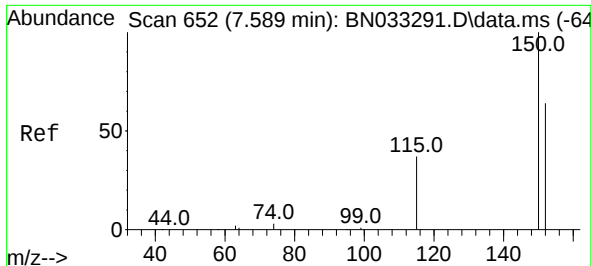
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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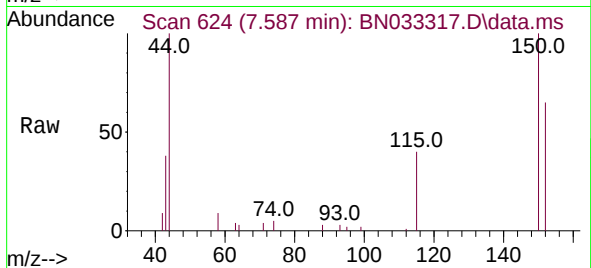
Quant Time: Aug 09 14:33:13 2024
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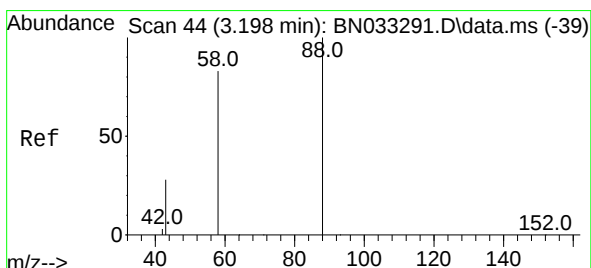
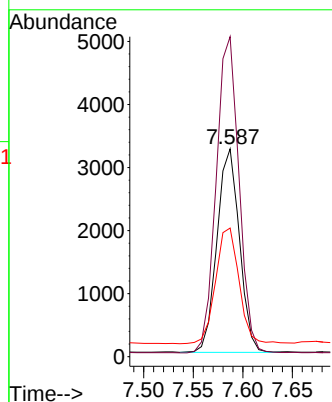
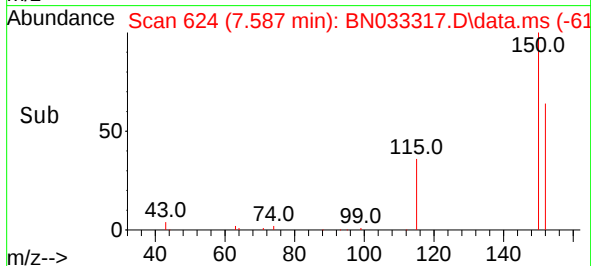


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.587 min Scan# 61
Delta R.T. -0.002 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806

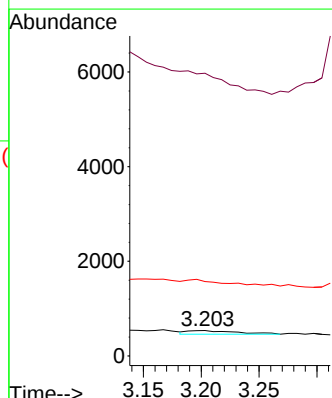
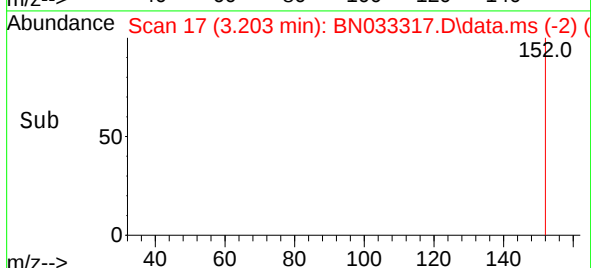
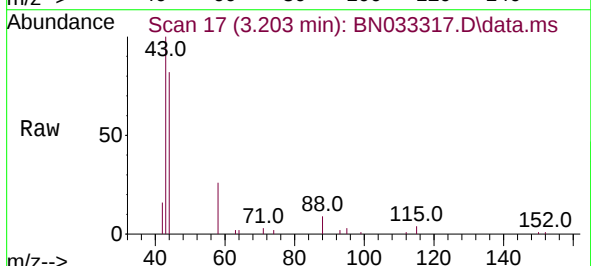


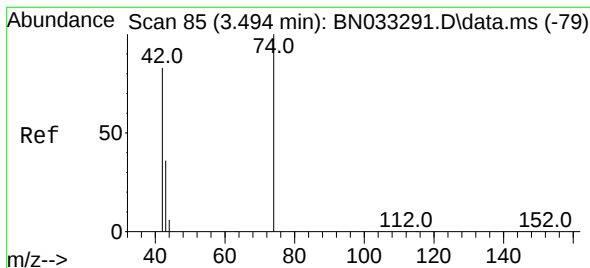
Tgt Ion:152 Resp: 5082
Ion Ratio Lower Upper
152 100
150 154.0 120.7 181.1
115 61.9 55.8 83.8



#2
1,4-Dioxane
Concen: 0.041 ng
RT: 3.203 min Scan# 17
Delta R.T. 0.005 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Tgt Ion: 88 Resp: 230
Ion Ratio Lower Upper
88 100
43 0.0 37.0 55.6#
58 0.0 65.1 97.7#





#3

n-Nitrosodimethylamine

Concen: 0.099 ng

RT: 3.442 min Scan# 50

Delta R.T. -0.053 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240806

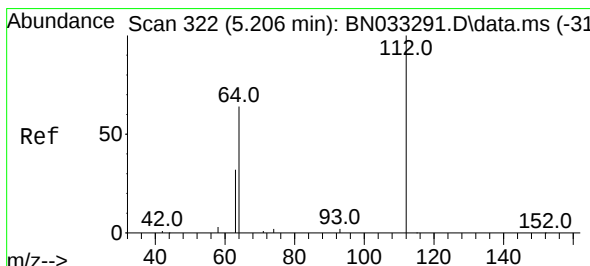
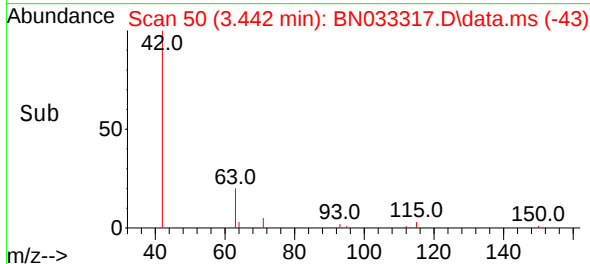
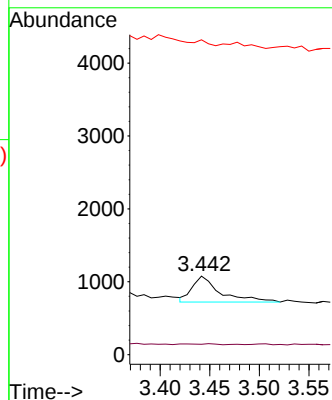
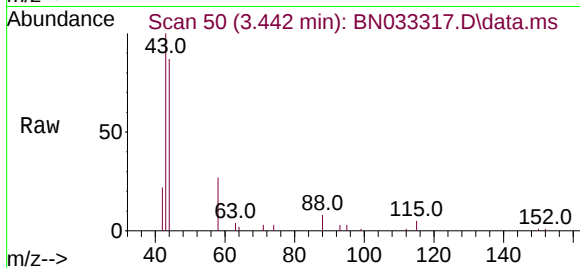
Tgt Ion: 42 Resp: 706

Ion Ratio Lower Upper

42 100

74 0.0 94.9 142.3#

44 0.0 7.0 10.4#



#4

2-Fluorophenol

Concen: 0.067 ng

RT: 5.211 min Scan# 295

Delta R.T. 0.005 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

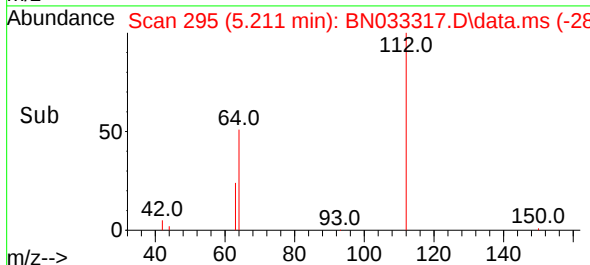
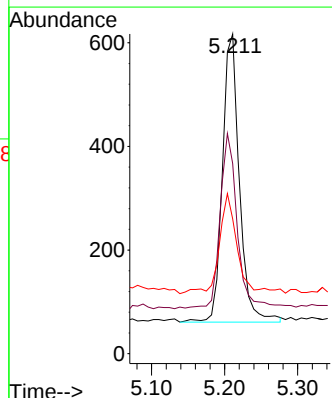
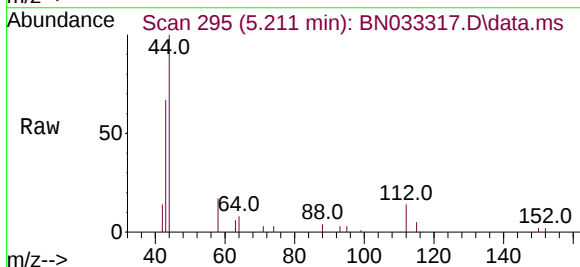
Tgt Ion: 112 Resp: 895

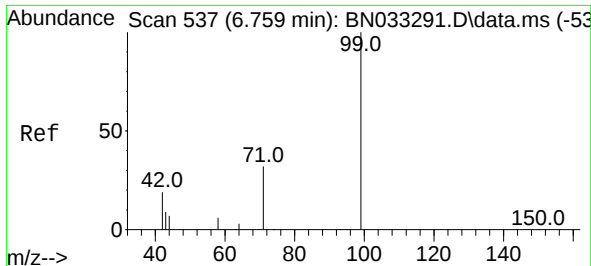
Ion Ratio Lower Upper

112 100

64 61.1 48.7 73.1

63 35.2 25.4 38.2

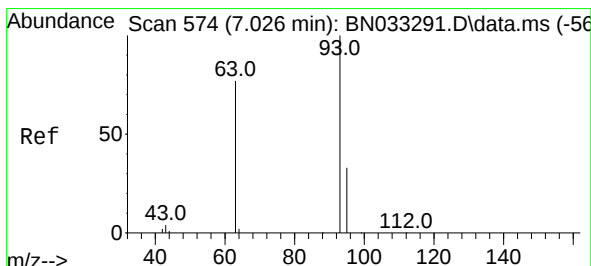
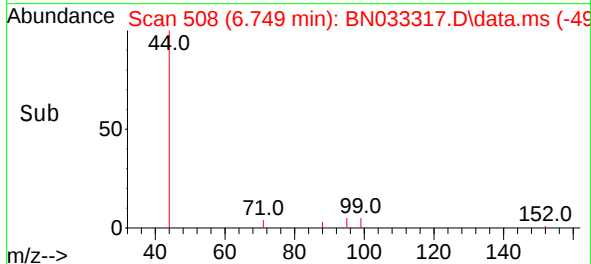
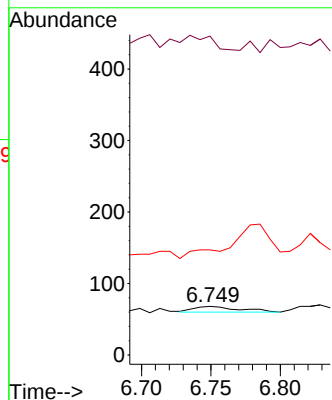
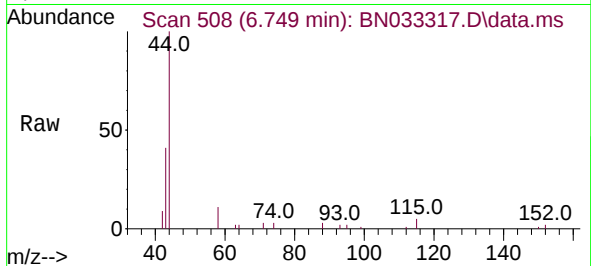




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.749 min Scan# 508
Delta R.T. -0.009 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

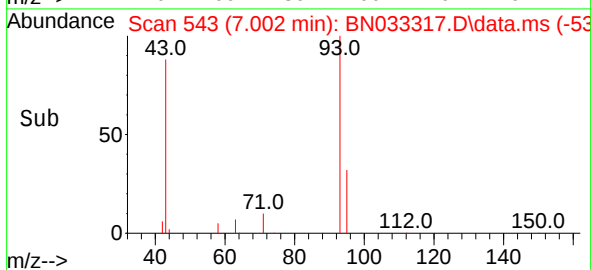
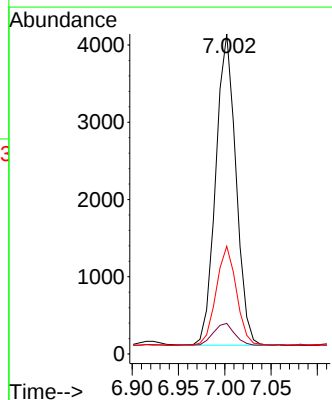
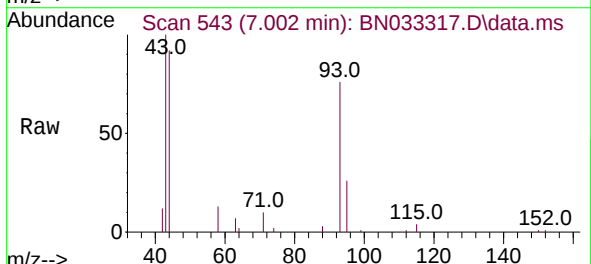
Instrument :
BNA_N
ClientSampleId :
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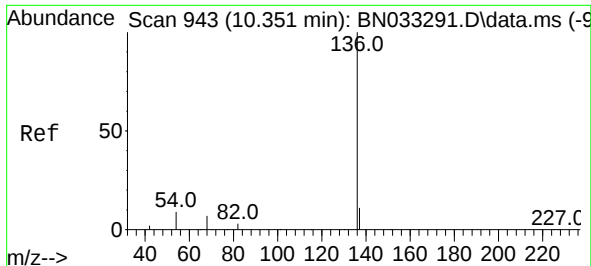
Tgt Ion: 99 Resp: 18
Ion Ratio Lower Upper
99 100
42 205.6 19.3 28.9#
71 0.0 27.6 41.4#



#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.002 min Scan# 543
Delta R.T. -0.024 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Tgt Ion: 93 Resp: 6121
Ion Ratio Lower Upper
93 100
63 7.6 64.5 96.7#
95 31.8 26.6 39.8

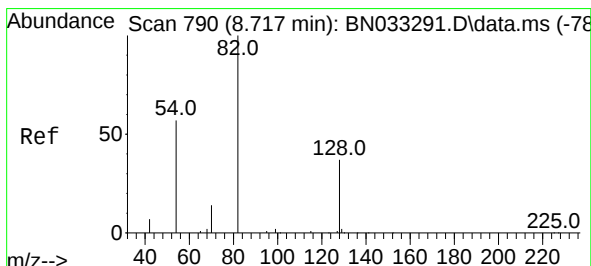
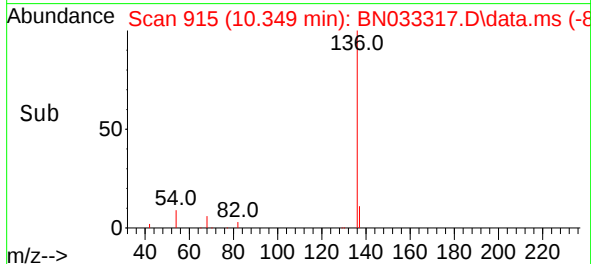
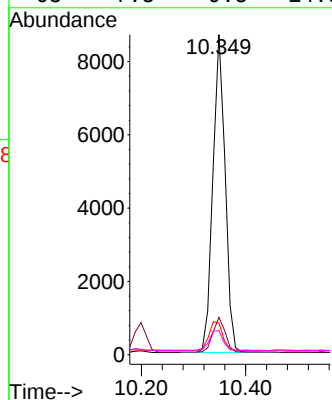
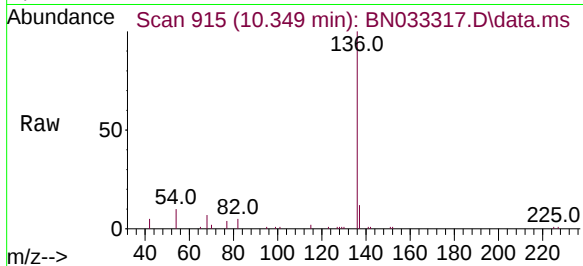




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.349 min Scan# 915
Delta R.T. -0.002 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

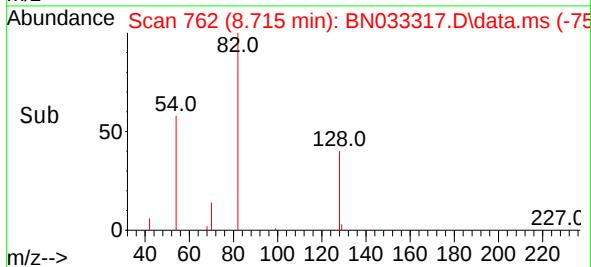
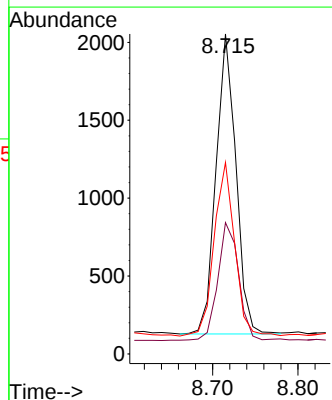
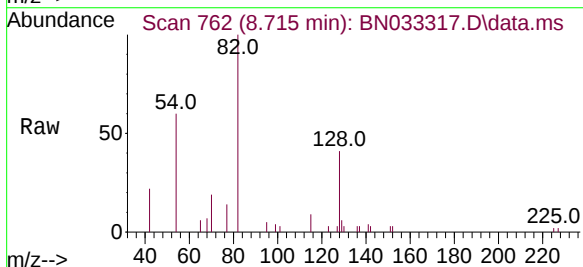
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806

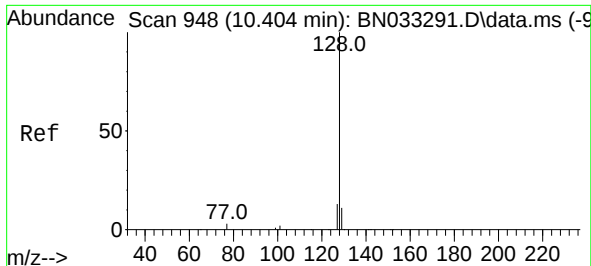
Tgt Ion:	136	Resp:	14094
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.9	14.9
54	9.9	11.4	17.2#
68	7.5	9.5	14.3#



#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 8.715 min Scan# 762
Delta R.T. -0.002 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Tgt Ion:	82	Resp:	3120
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.4	44.2
54	59.8	50.0	75.0

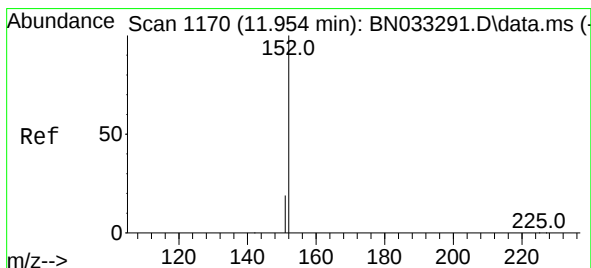
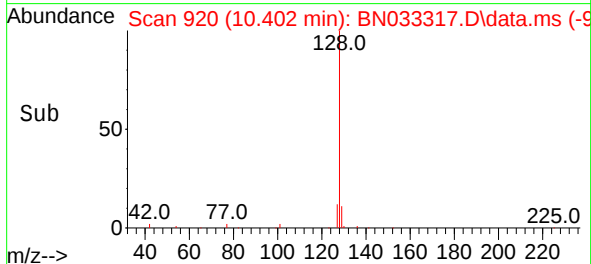
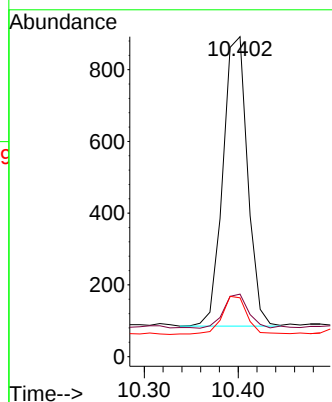
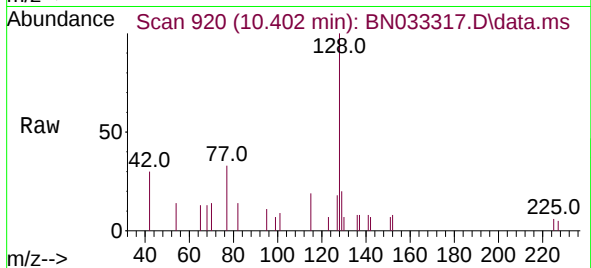




#9
Naphthalene
Concen: 0.037 ng
RT: 10.402 min Scan# 91
Delta R.T. -0.002 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

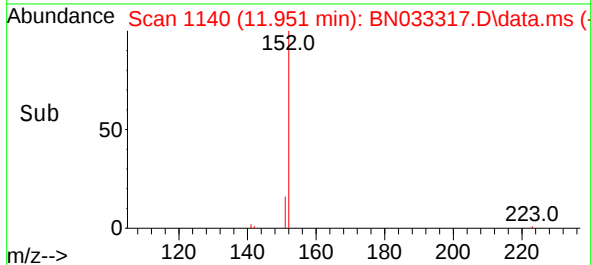
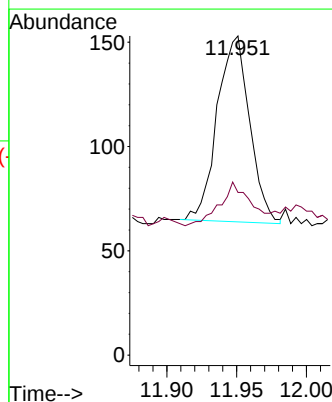
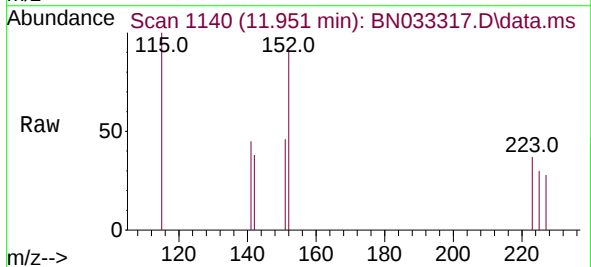
Instrument :
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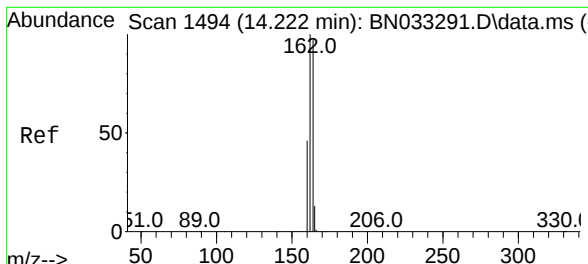
Tgt Ion:128 Resp: 1471
Ion Ratio Lower Upper
128 100
129 19.5 10.1 15.1#
127 18.4 11.4 17.2#



#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 11.951 min Scan# 1140
Delta R.T. -0.003 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Tgt Ion:152 Resp: 144
Ion Ratio Lower Upper
152 100
151 24.3 16.7 25.1



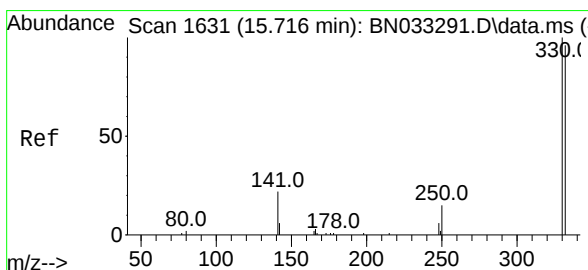
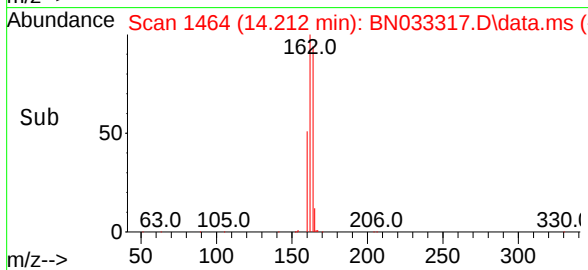
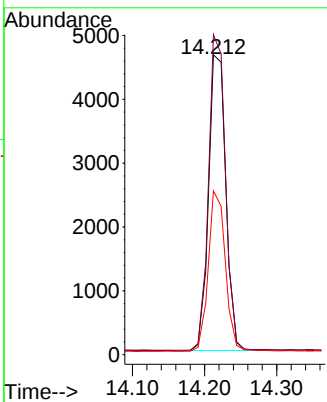
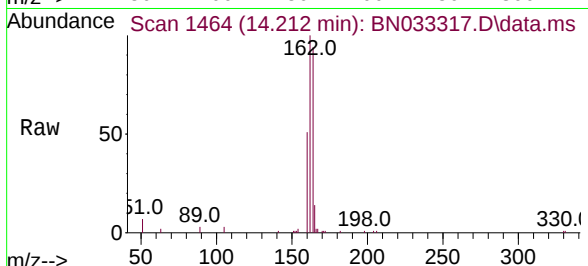


#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.212 min Scan# 14
 Delta R.T. -0.010 min
 Lab File: BN033317.D
 Acq: 09 Aug 2024 13:54

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240806

Tgt Ion:164 Resp: 7724

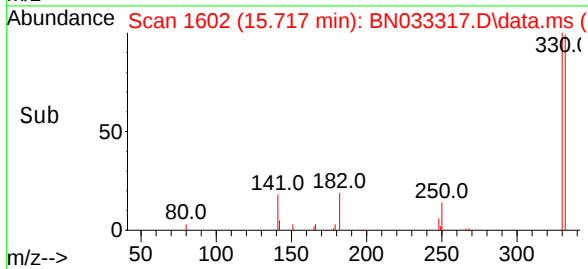
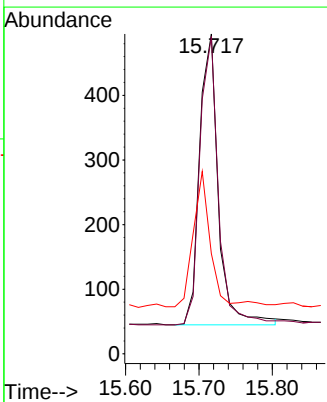
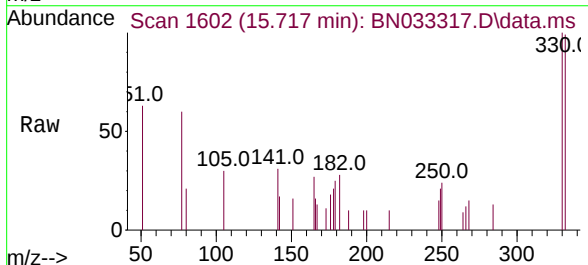
Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.6	124.0
160	54.7	38.2	57.4

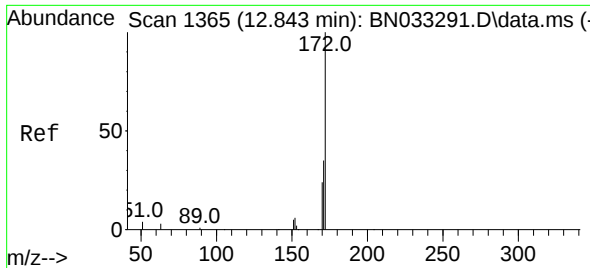


#14
 2,4,6-Tribromophenol
 Concen: 0.255 ng
 RT: 15.717 min Scan# 1602
 Delta R.T. 0.001 min
 Lab File: BN033317.D
 Acq: 09 Aug 2024 13:54

Tgt Ion:330 Resp: 798

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.6	113.4
141	41.5	31.0	46.4





#15

2-Fluorobiphenyl

Concen: 0.378 ng

RT: 12.844 min Scan# 14

Delta R.T. 0.001 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

Instrument :

BNA_N

ClientSampleId :

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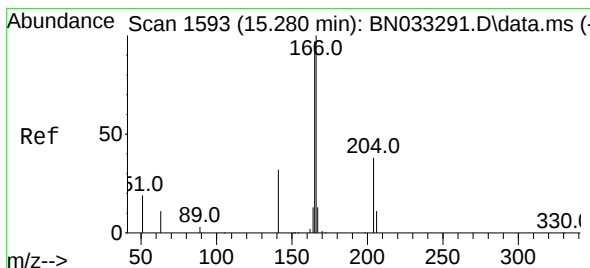
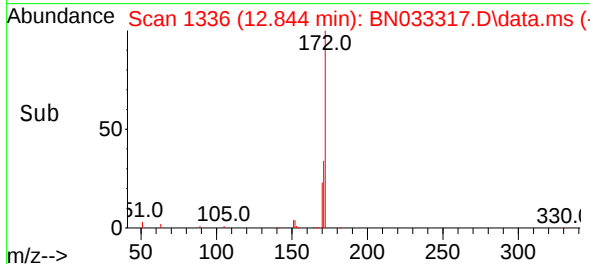
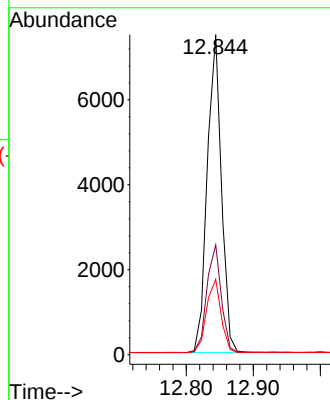
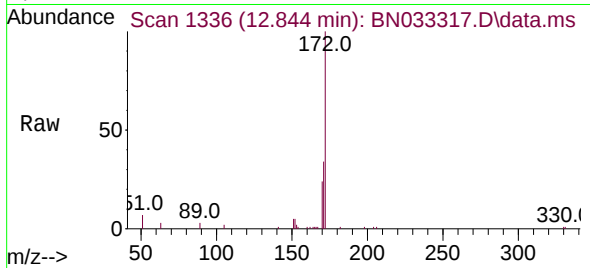
Tgt Ion:172 Resp: 10992

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.6 19.4 29.2



#18

Fluorene

Concen: 0.040 ng

RT: 15.271 min Scan# 1563

Delta R.T. -0.010 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

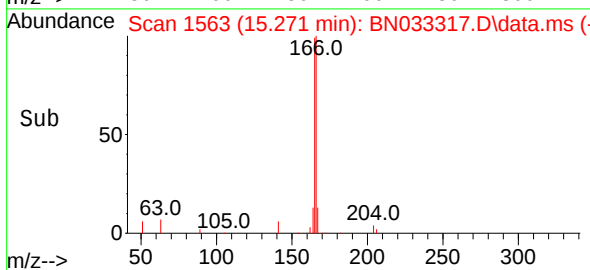
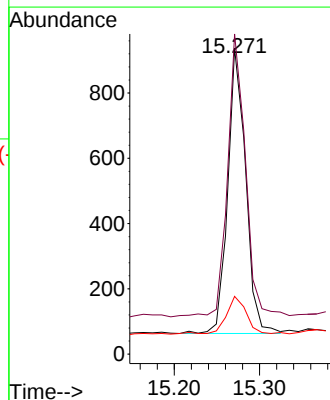
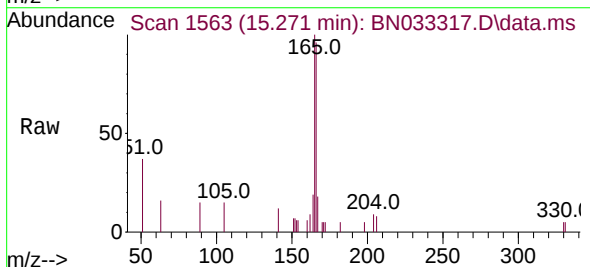
Tgt Ion:166 Resp: 1277

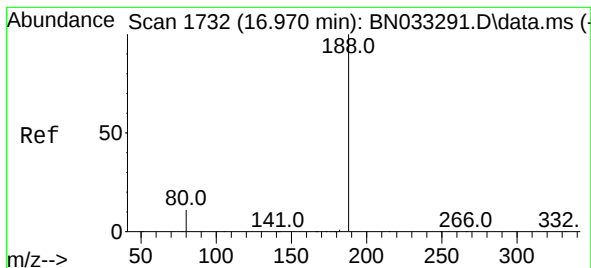
Ion Ratio Lower Upper

166 100

165 99.0 78.9 118.3

167 15.0 10.6 16.0





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.971 min Scan# 1

Delta R.T. 0.001 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240806

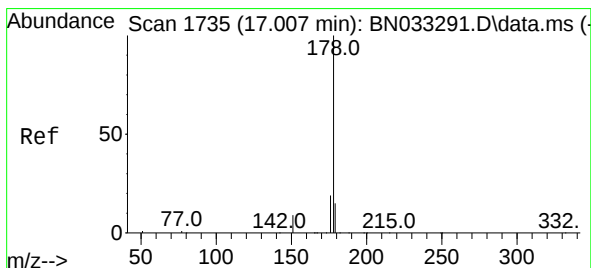
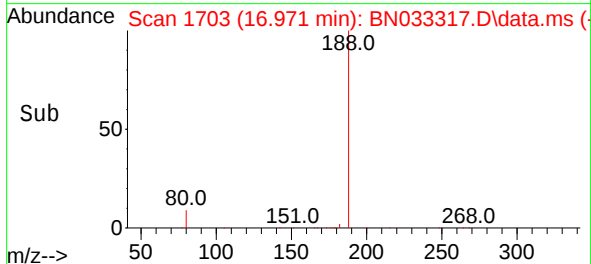
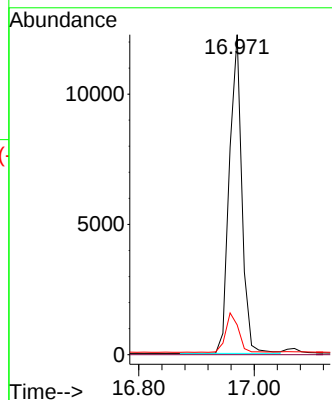
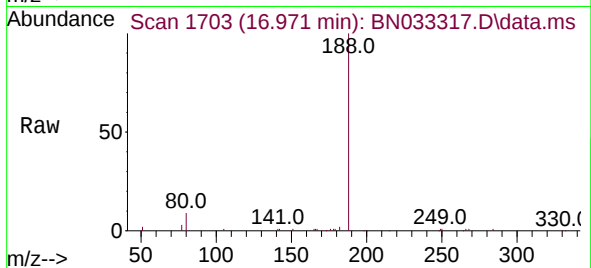
Tgt Ion:188 Resp: 18399

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.3 10.5 15.7#



#25

Phenanthrene

Concen: 0.037 ng

RT: 17.008 min Scan# 1706

Delta R.T. 0.001 min

Lab File: BN033317.D

Acq: 09 Aug 2024 13:54

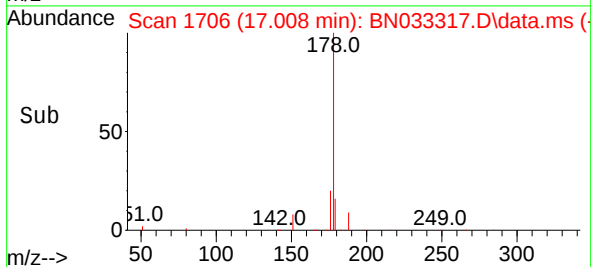
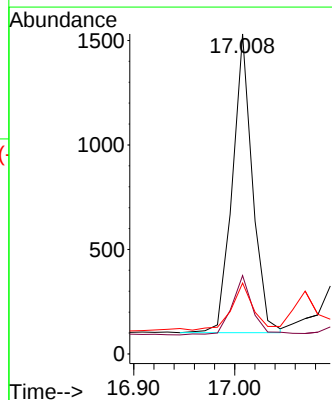
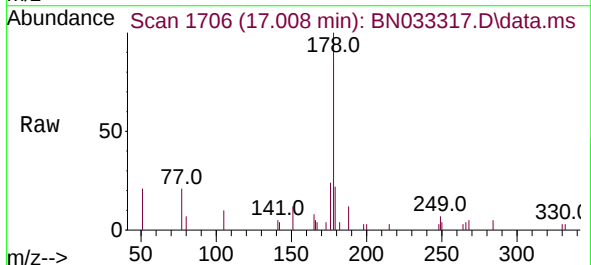
Tgt Ion:178 Resp: 1977

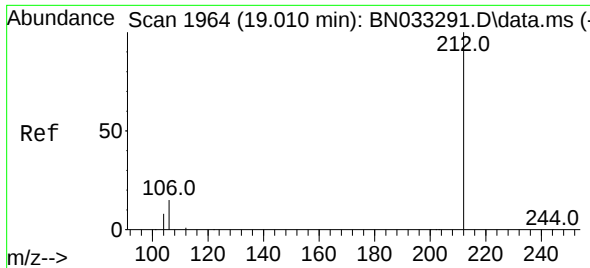
Ion Ratio Lower Upper

178 100

176 20.6 15.2 22.8

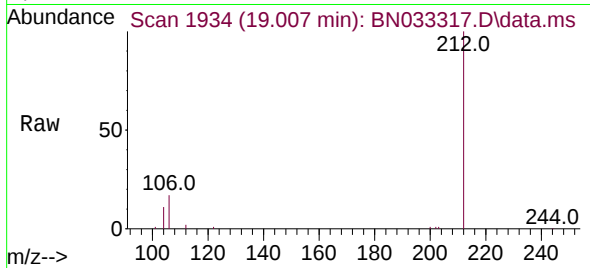
179 15.7 12.0 18.0



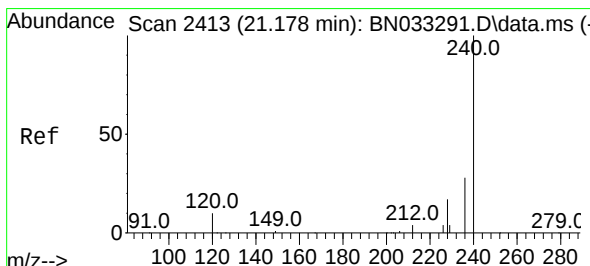
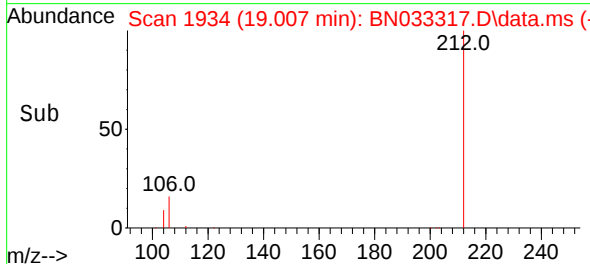
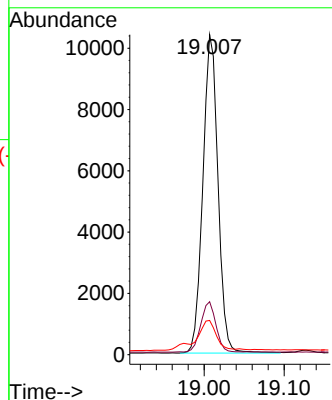


#27
Fluoranthene-d10
Concen: 0.270 ng
RT: 19.007 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806

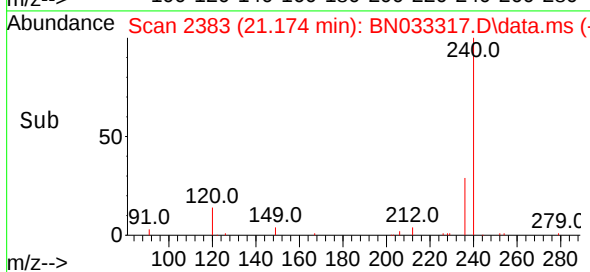
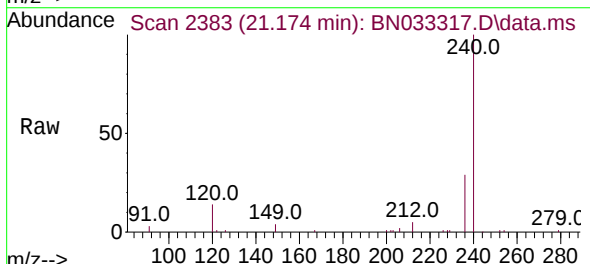
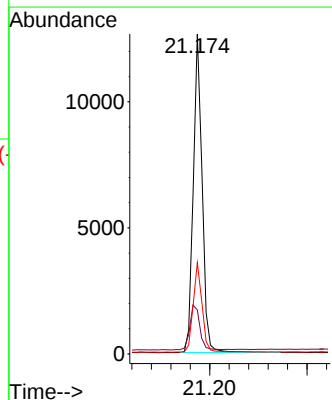


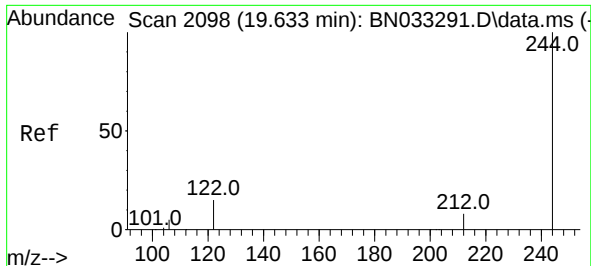
Tgt Ion:212 Resp: 13665
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.4
104 12.7 6.9 10.3#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.174 min Scan# 2383
Delta R.T. -0.004 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

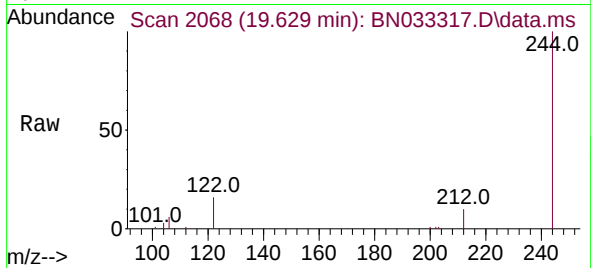
Tgt Ion:240 Resp: 15980
Ion Ratio Lower Upper
240 100
120 13.8 9.0 13.6#
236 28.6 22.4 33.6



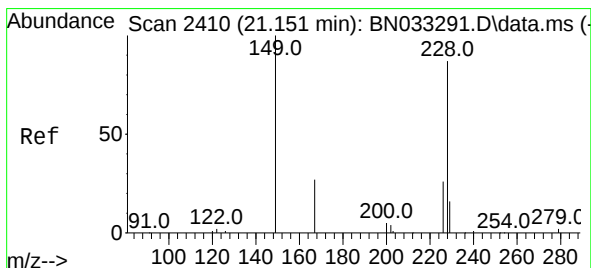
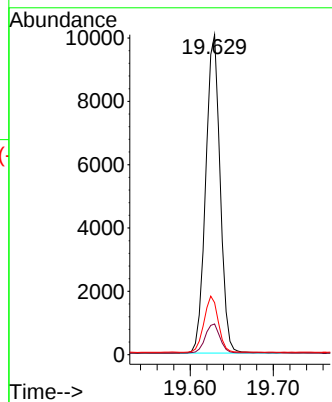
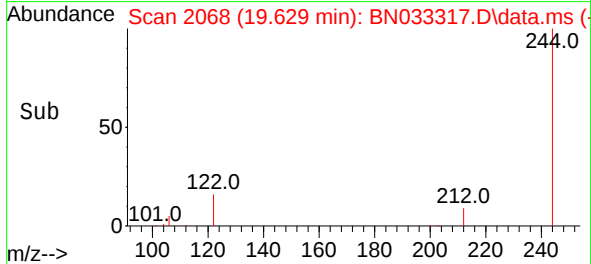


#31
Terphenyl-d14
Concen: 0.442 ng
RT: 19.629 min Scan# 2098
Delta R.T. -0.004 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240806

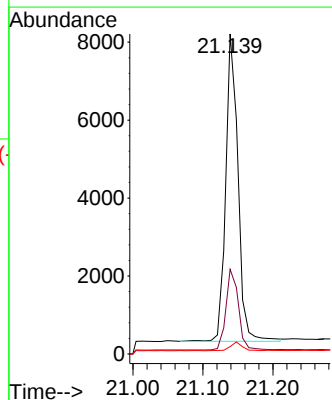
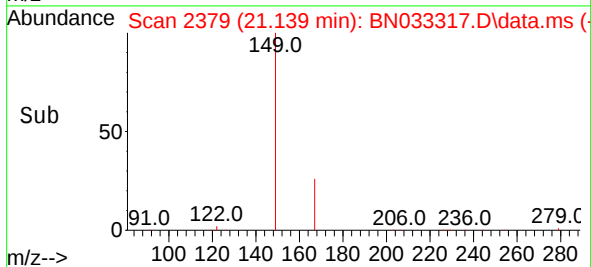
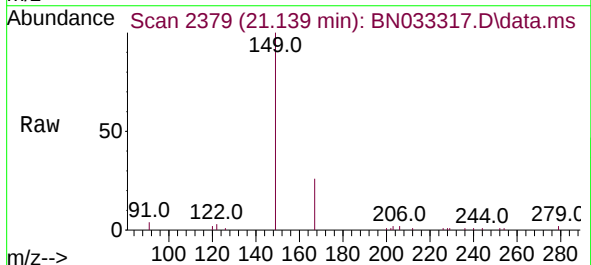


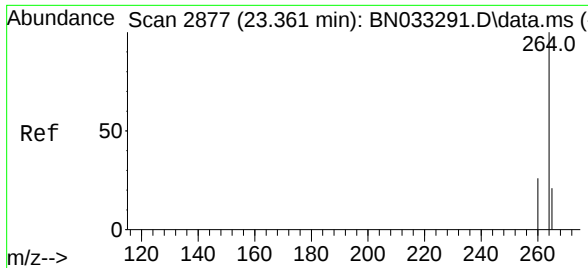
Tgt Ion:244 Resp: 12169
Ion Ratio Lower Upper
244 100
212 9.6 7.2 10.8
122 16.3 12.7 19.1



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.298 ng
RT: 21.139 min Scan# 2379
Delta R.T. -0.013 min
Lab File: BN033317.D
Acq: 09 Aug 2024 13:54

Tgt Ion:149 Resp: 9575
Ion Ratio Lower Upper
149 100
167 26.5 21.6 32.4
279 2.8 2.6 4.0





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.361 min Scan# 21

Delta R.T. -0.001 min

Lab File: BN033317.D

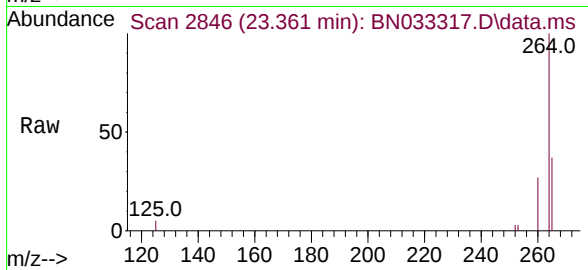
Acq: 09 Aug 2024 13:54

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240806



Tgt Ion:264 Resp: 15462

Ion Ratio Lower Upper

264 100

260 27.2 21.4 32.0

265 36.7 22.4 33.6#

