

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
 Data File : BN033804.D
 Acq On : 07 Sep 2024 04:54
 Operator : MA/JU
 Sample : P3827-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324

Quant Time: Sep 07 05:31:38 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)

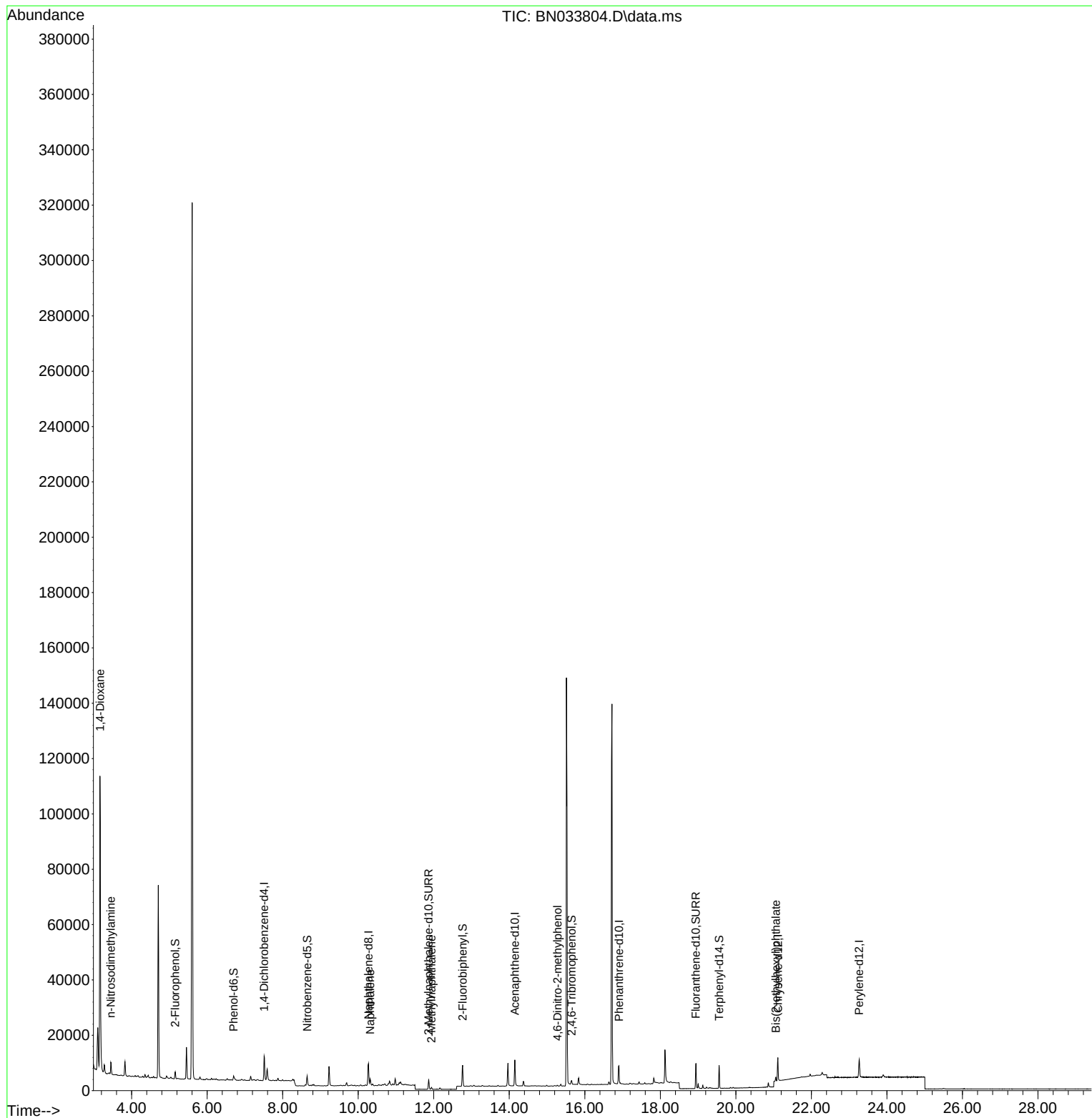
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4176	0.400	ng	0.00
7) Naphthalene-d8	10.272	136	10622	0.400	ng	# 0.00
13) Acenaphthene-d10	14.146	164	5019	0.400	ng	-0.01
19) Phenanthrene-d10	16.905	188	10100	0.400	ng	# 0.00
29) Chrysene-d12	21.113	240	7597	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	8032	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1669	0.131	ng	0.00
5) Phenol-d6	6.700	99	1232	0.081	ng	0.00
8) Nitrobenzene-d5	8.649	82	2836	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	11.866	152	4698	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.651	330	856	0.338	ng	0.00
15) 2-Fluorobiphenyl	12.767	172	6886	0.329	ng	0.00
27) Fluoranthene-d10	18.942	212	10101	0.405	ng	0.00
31) Terphenyl-d14	19.556	244	7602	0.469	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.161	88	67495	14.207	ng	99
3) n-Nitrosodimethylamine	3.450	42	403	0.072	ng	# 3
9) Naphthalene	10.314	128	2920	0.103	ng	# 94
12) 2-Methylnaphthalene	11.937	142	481	0.028	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.279	198	317	0.199	ng	# 69
34) Bis(2-ethylhexyl)phtha...	21.059	149	1520	0.103	ng	97

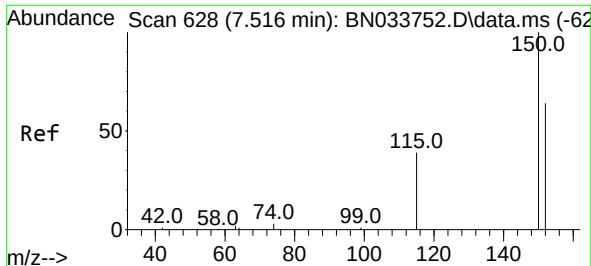
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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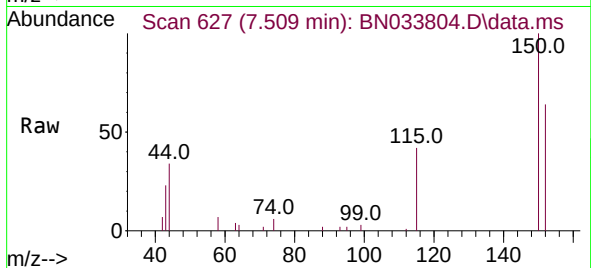
Quant Time: Sep 07 05:31:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
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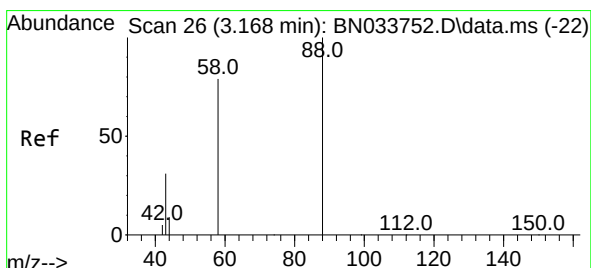
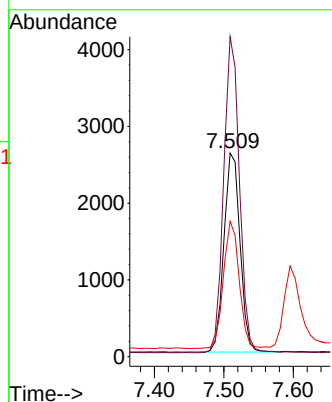
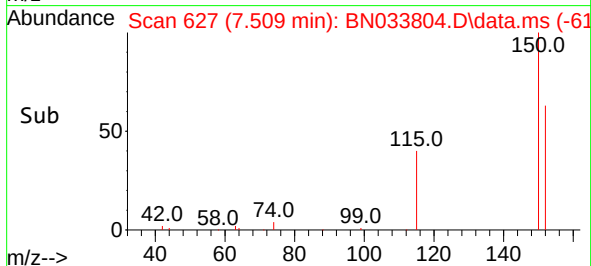


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.509 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033804.D
 Acq: 07 Sep 2024 04:54

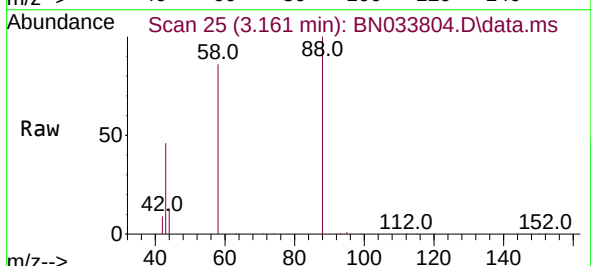
Instrument :
 BNA_N
 ClientSampleId :
 BR-03D-489.5-090324



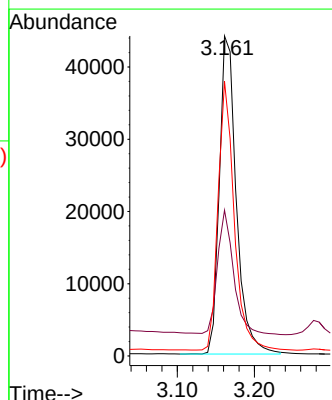
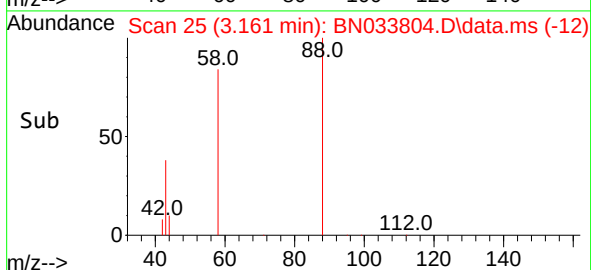
Tgt Ion:152 Resp: 4176
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.3 184.9
 115 66.5 51.0 76.4

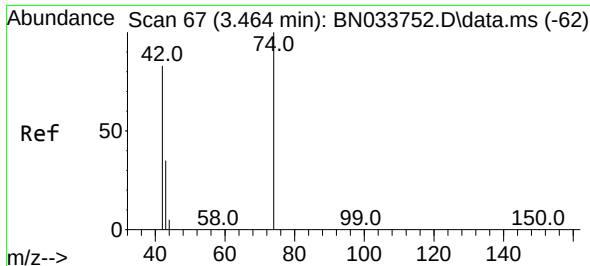


#2
 1,4-Dioxane
 Concen: 14.207 ng
 RT: 3.161 min Scan# 25
 Delta R.T. -0.007 min
 Lab File: BN033804.D
 Acq: 07 Sep 2024 04:54



Tgt Ion: 88 Resp: 67495
 Ion Ratio Lower Upper
 88 100
 43 37.1 29.0 43.4
 58 79.9 64.1 96.1

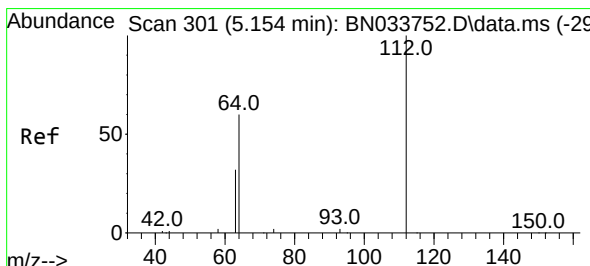
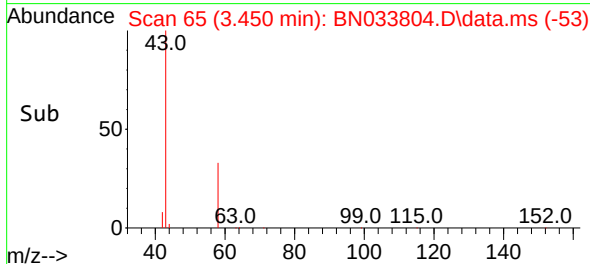
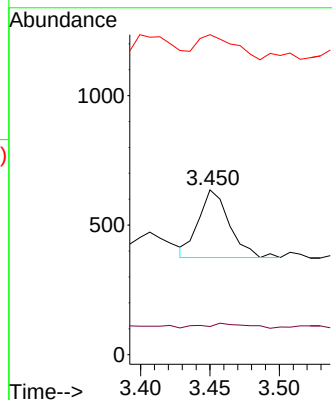
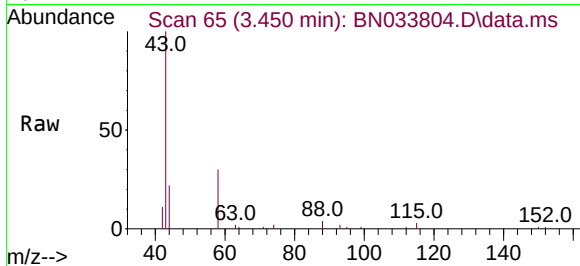




#3
n-Nitrosodimethylamine
Concen: 0.072 ng
RT: 3.450 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

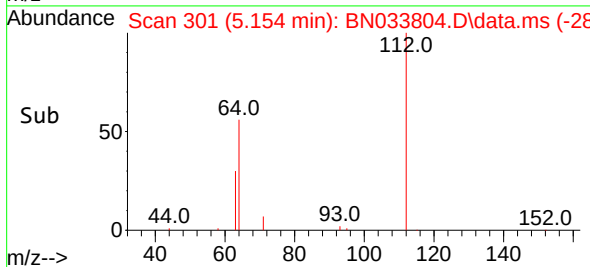
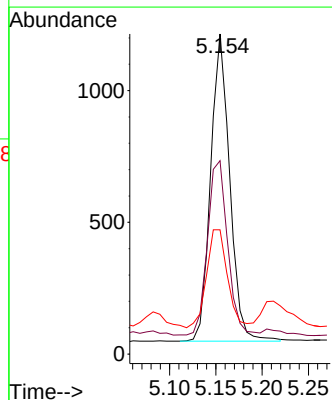
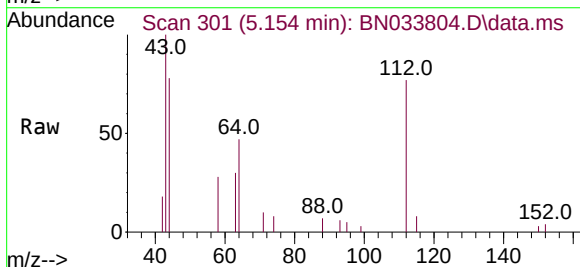
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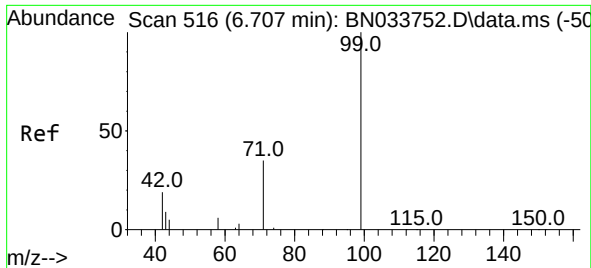
Tgt Ion: 42 Resp: 403
Ion Ratio Lower Upper
42 100
74 10.2 93.5 140.3#
44 42.7 7.4 11.0#



#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.154 min Scan# 301
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion: 112 Resp: 1669
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 34.9 25.9 38.9

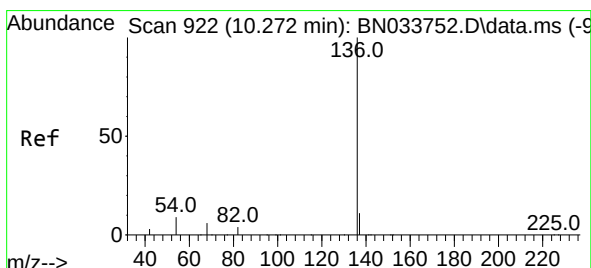
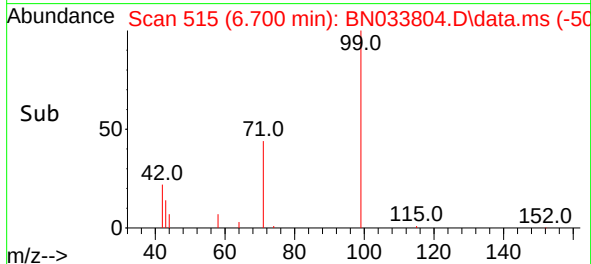
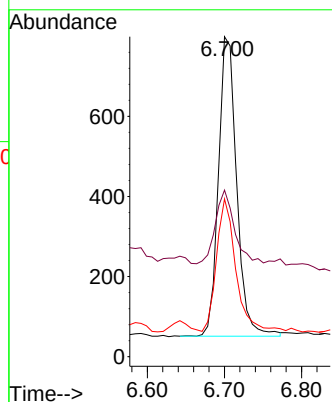
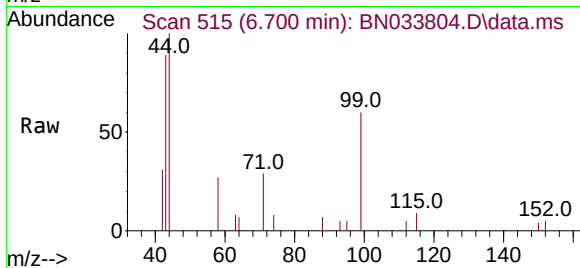




#5
Phenol-d6
Concen: 0.081 ng
RT: 6.700 min Scan# 516
Delta R.T. -0.007 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

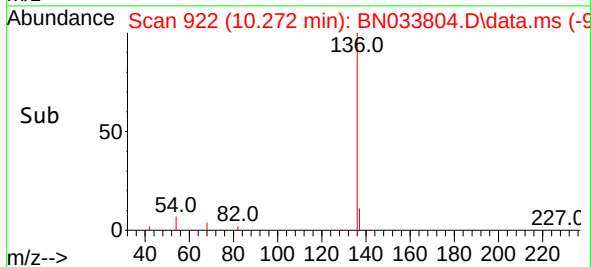
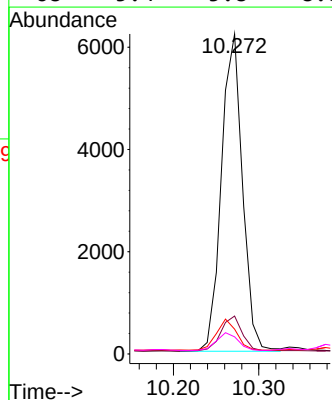
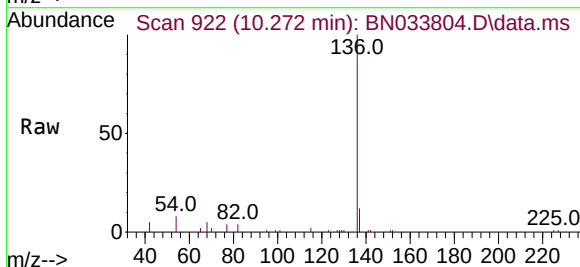
Instrument :
BNA_N
ClientSampleId :
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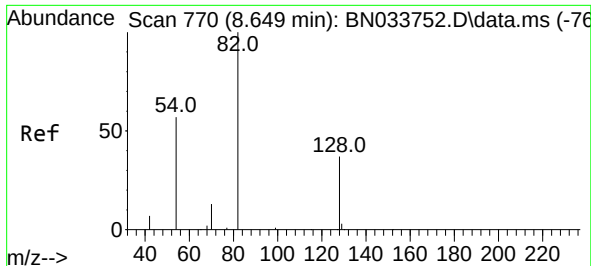
Tgt Ion: 99 Resp: 1232
Ion Ratio Lower Upper
99 100
42 25.6 18.0 27.0
71 46.5 28.7 43.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.272 min Scan# 922
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion: 136 Resp: 10622
Ion Ratio Lower Upper
136 100
137 11.8 9.0 13.4
54 7.8 8.1 12.1#
68 5.4 5.8 8.8#

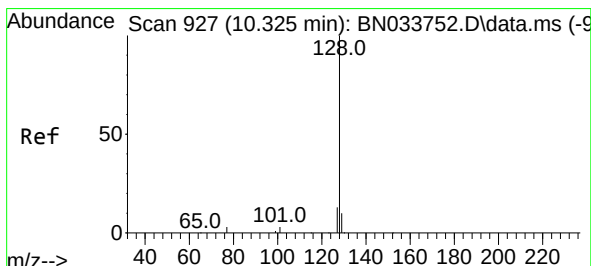
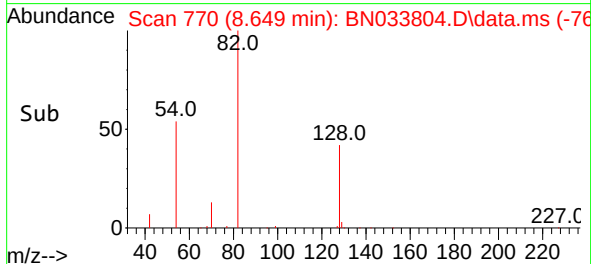
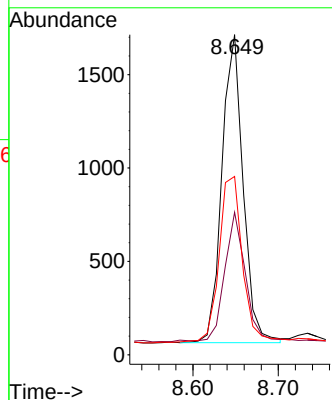
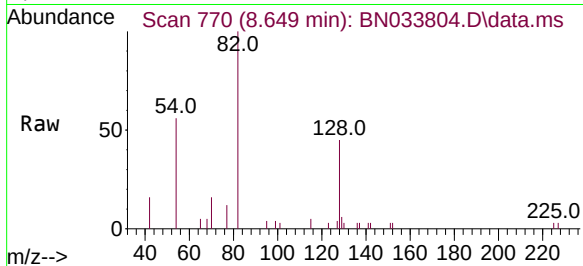




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.649 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

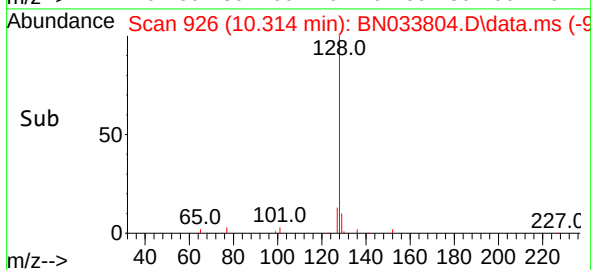
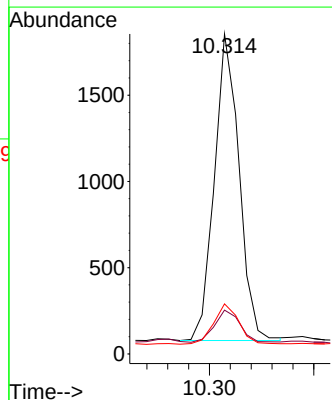
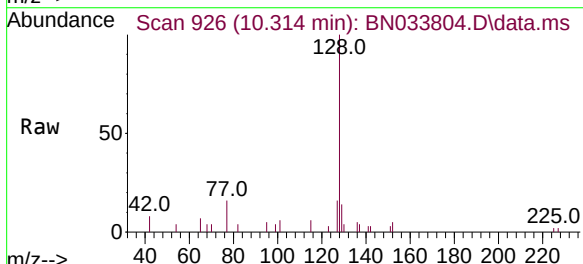
Instrument :
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BR-03D-489.5-090324

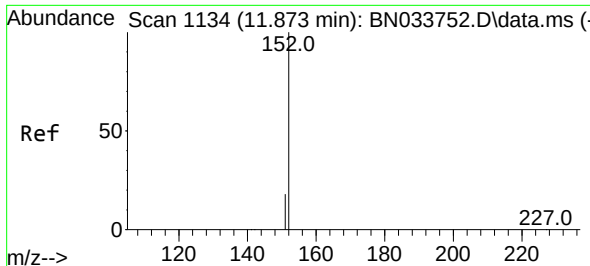
Tgt Ion: 82 Resp: 2836
Ion Ratio Lower Upper
82 100
128 44.5 31.3 46.9
54 55.7 46.9 70.3



#9
Naphthalene
Concen: 0.103 ng
RT: 10.314 min Scan# 926
Delta R.T. -0.011 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion: 128 Resp: 2920
Ion Ratio Lower Upper
128 100
129 13.7 8.9 13.3#
127 15.6 10.8 16.2





#11

2-Methylnaphthalene-d10

Concen: 0.313 ng

RT: 11.866 min Scan# 1132

Delta R.T. -0.008 min

Lab File: BN033804.D

Acq: 07 Sep 2024 04:54

Instrument :

BNA_N

ClientSampleId :

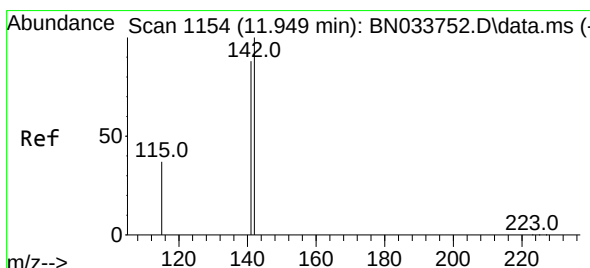
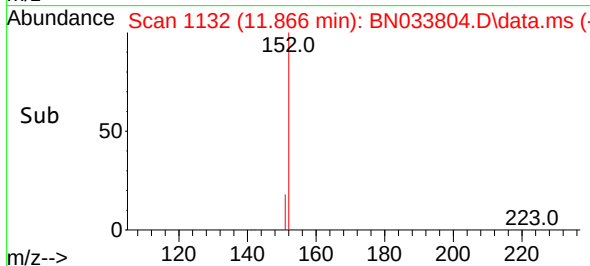
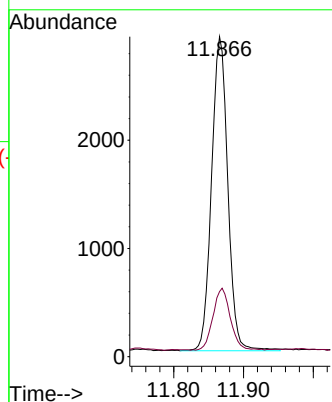
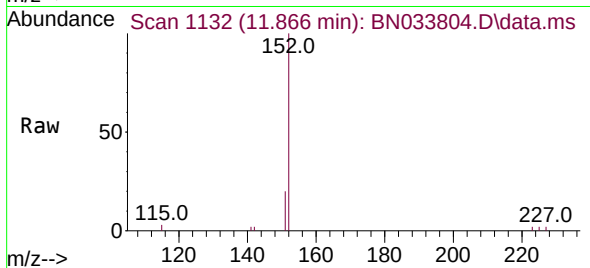
BR-03D-489.5-090324

Tgt Ion:152 Resp: 4698

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1



#12

2-Methylnaphthalene

Concen: 0.028 ng

RT: 11.937 min Scan# 1151

Delta R.T. -0.011 min

Lab File: BN033804.D

Acq: 07 Sep 2024 04:54

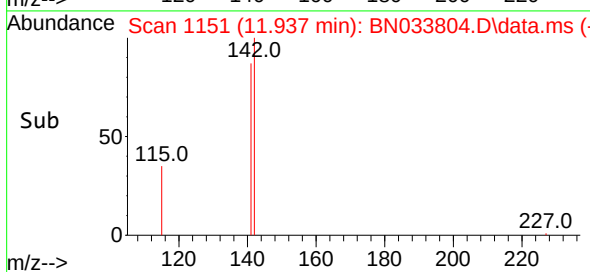
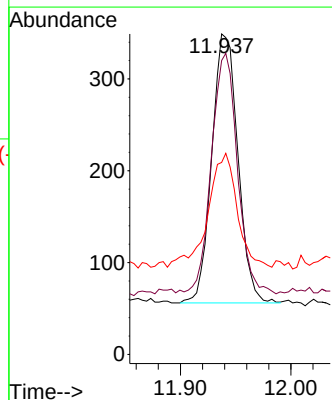
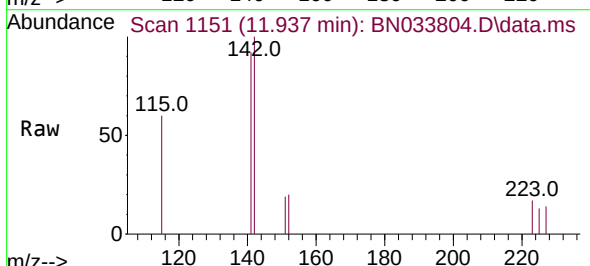
Tgt Ion:142 Resp: 481

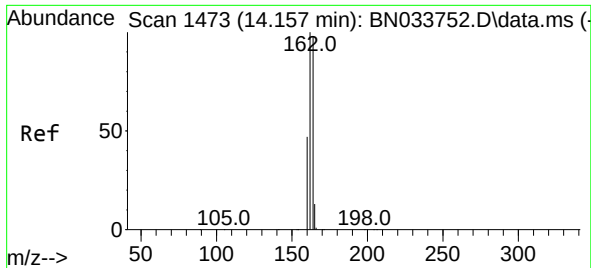
Ion Ratio Lower Upper

142 100

141 91.7 70.9 106.3

115 59.9 31.0 46.4#

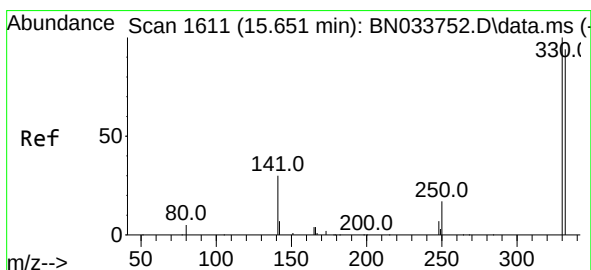
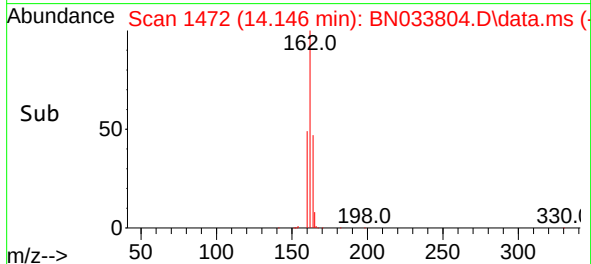
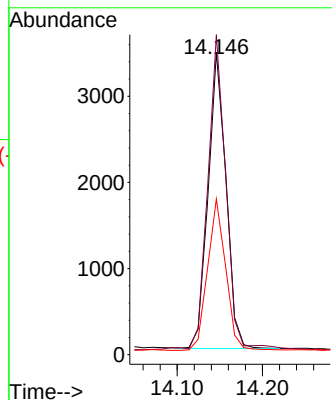
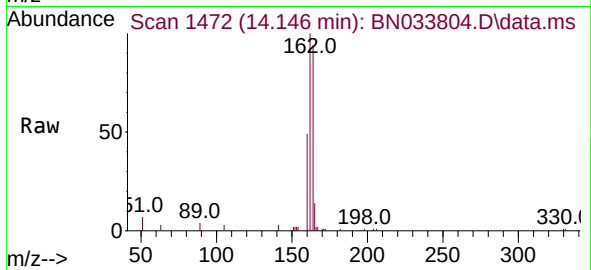




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.146 min Scan# 1472
Delta R.T. -0.011 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

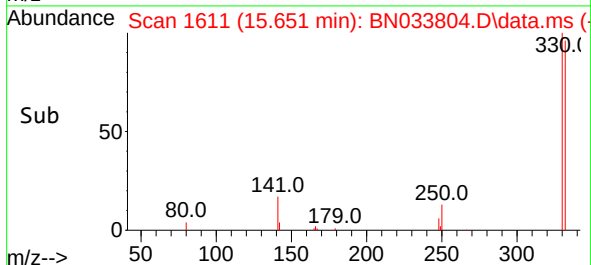
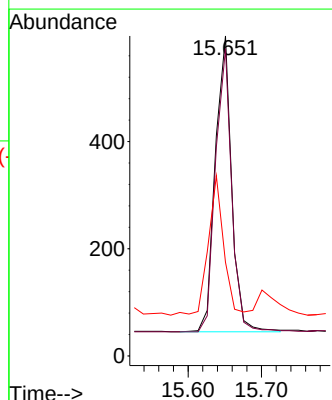
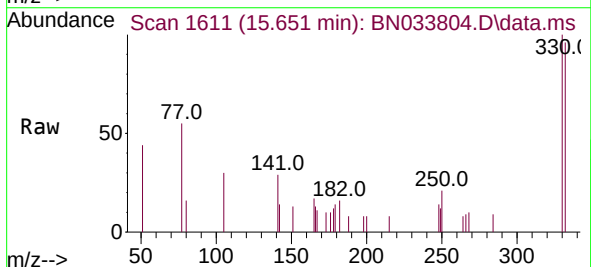
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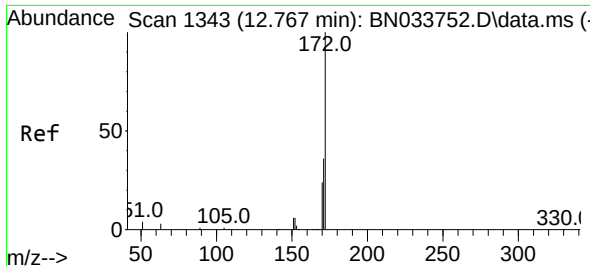
Tgt Ion:164 Resp: 5019
Ion Ratio Lower Upper
164 100
162 105.8 82.0 123.0
160 51.5 39.1 58.7



#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 15.651 min Scan# 1611
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion:330 Resp: 856
Ion Ratio Lower Upper
330 100
332 94.3 74.2 111.4
141 44.2 33.9 50.9

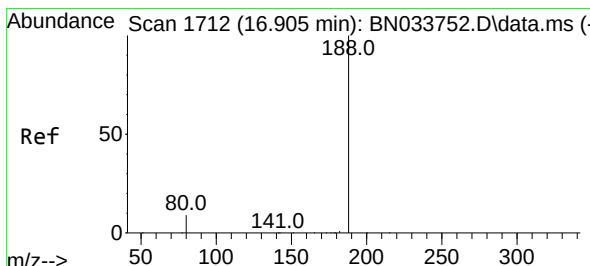
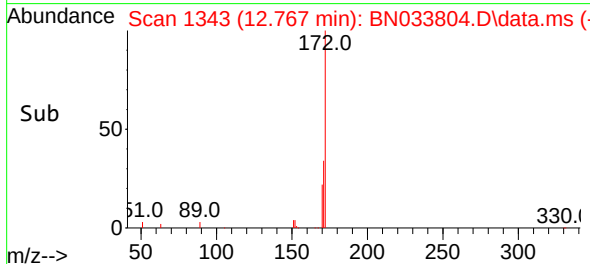
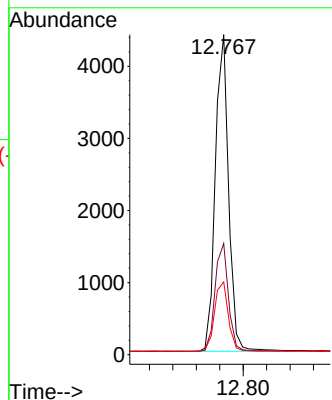
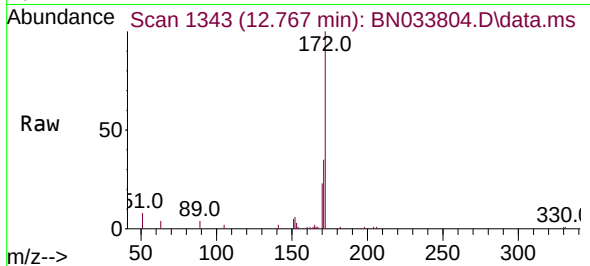




#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 12.767 min Scan# 1343
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

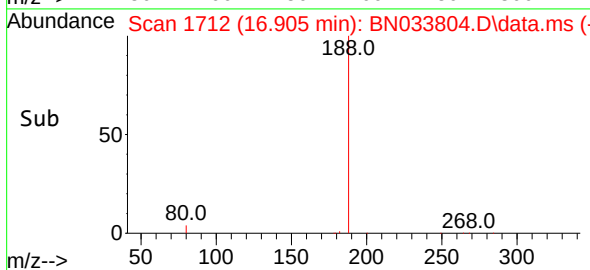
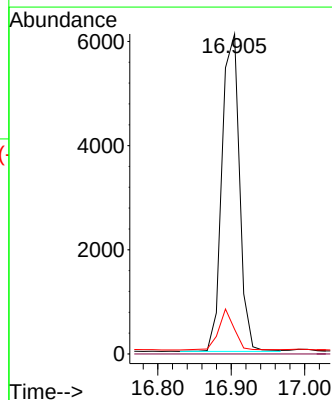
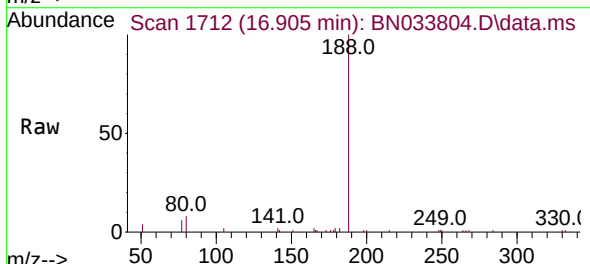
Instrument :
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ClientSampleId :
BR-03D-489.5-090324

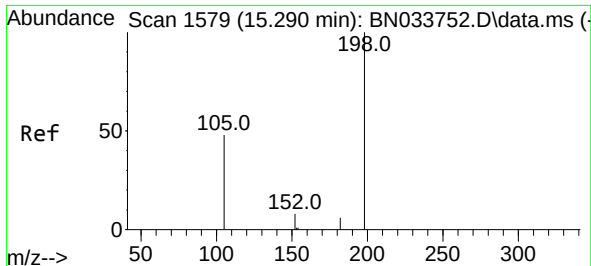
Tgt Ion:	172	Resp:	6886
Ion Ratio	Lower	Upper	
172	100		
171	34.7	28.8	43.2
170	22.8	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.905 min Scan# 1712
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion:	188	Resp:	10100
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	7.9	11.9





#20

4,6-Dinitro-2-methylphenol

Concen: 0.199 ng

RT: 15.279 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033804.D

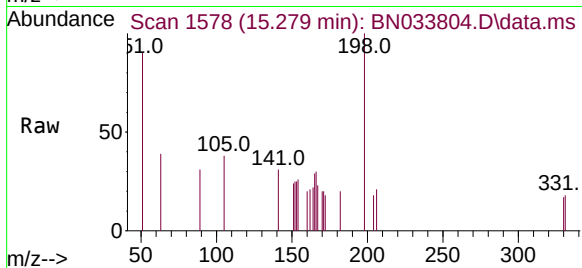
Acq: 07 Sep 2024 04:54

Instrument :

BNA_N

ClientSampleId :

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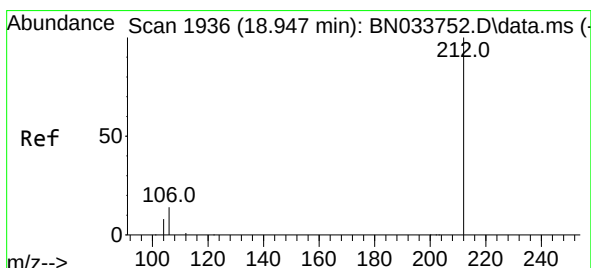
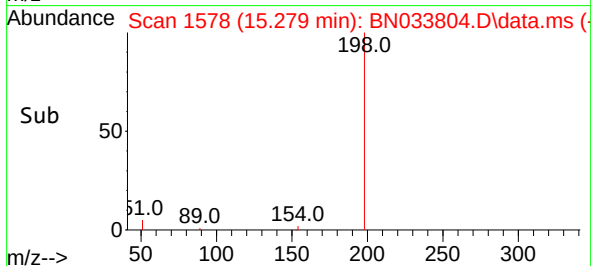
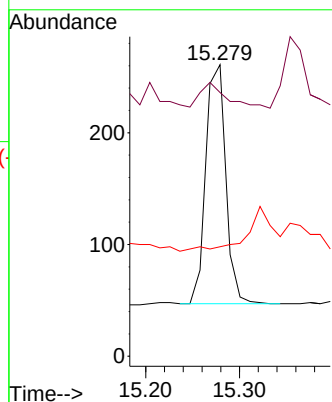
Tgt Ion:198 Resp: 317

Ion Ratio Lower Upper

198 100

51 90.4 92.8 139.2#

105 37.5 59.4 89.0#



#27

Fluoranthene-d10

Concen: 0.405 ng

RT: 18.942 min Scan# 1935

Delta R.T. -0.005 min

Lab File: BN033804.D

Acq: 07 Sep 2024 04:54

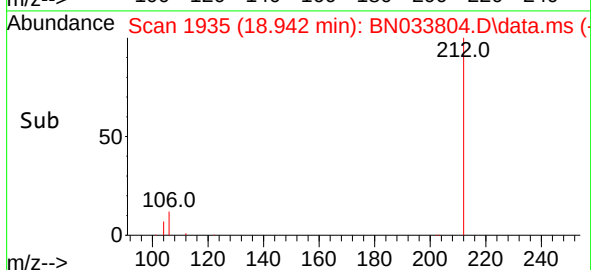
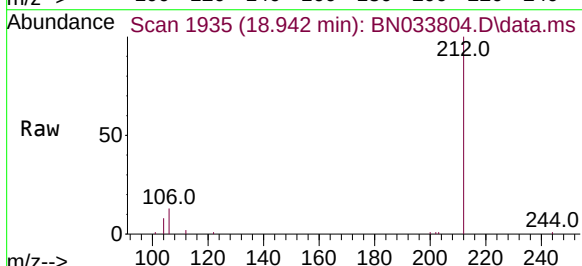
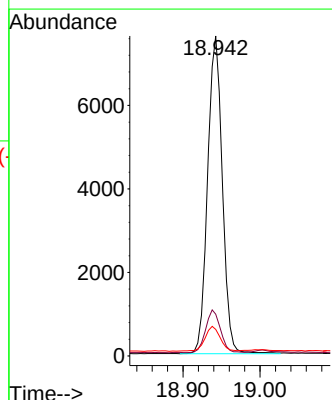
Tgt Ion:212 Resp: 10101

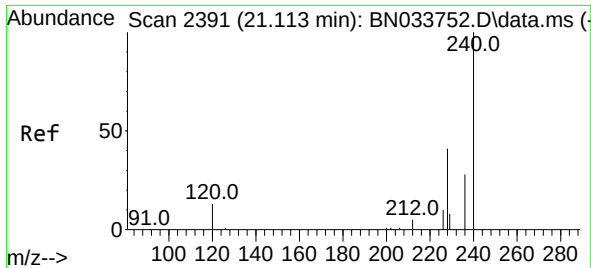
Ion Ratio Lower Upper

212 100

106 13.5 11.5 17.3

104 8.1 6.6 9.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.113 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN033804.D

Acq: 07 Sep 2024 04:54

Instrument :

BNA_N

ClientSampleId :

BR-03D-489.5-090324

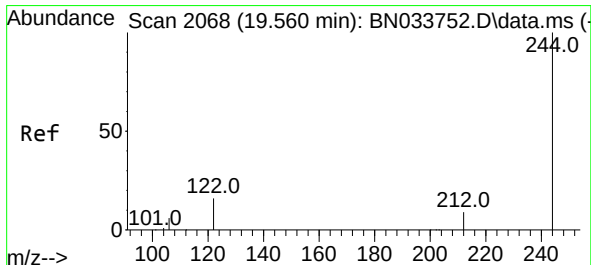
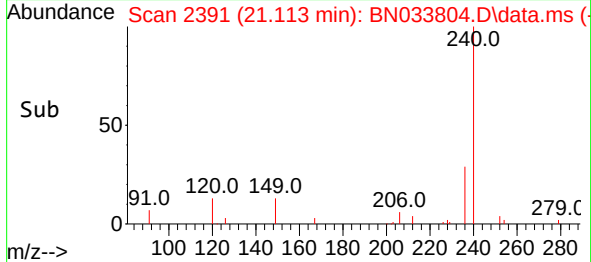
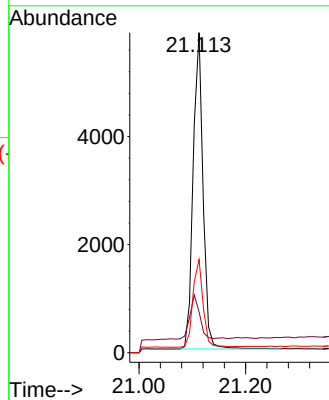
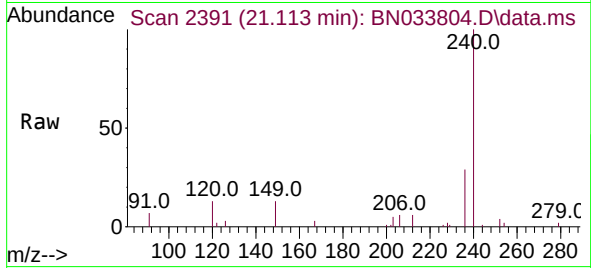
Tgt Ion:240 Resp: 7597

Ion Ratio Lower Upper

240 100

120 12.8 13.7 20.5#

236 29.1 23.4 35.2



#31

Terphenyl-d14

Concen: 0.469 ng

RT: 19.556 min Scan# 2067

Delta R.T. -0.005 min

Lab File: BN033804.D

Acq: 07 Sep 2024 04:54

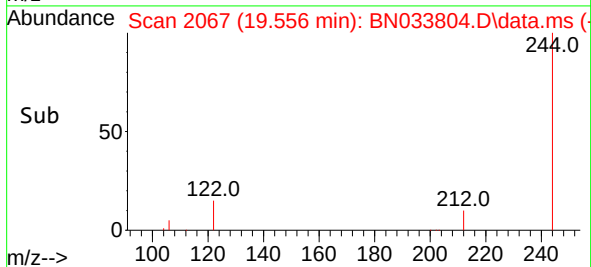
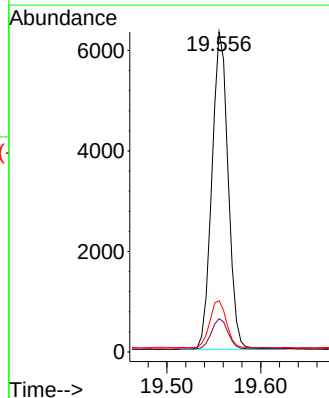
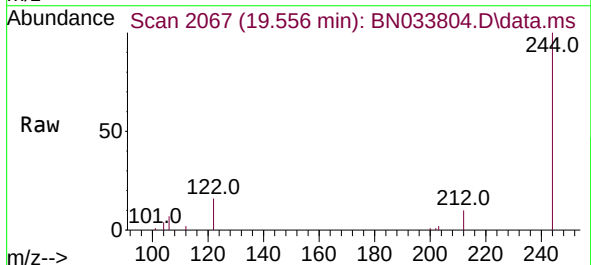
Tgt Ion:244 Resp: 7602

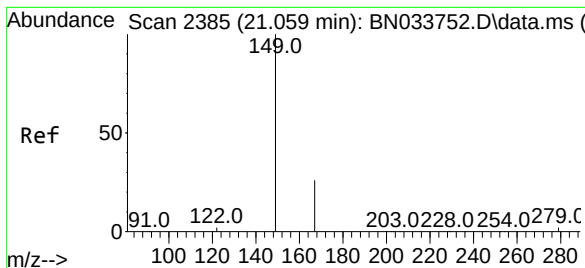
Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

122 16.0 13.2 19.8

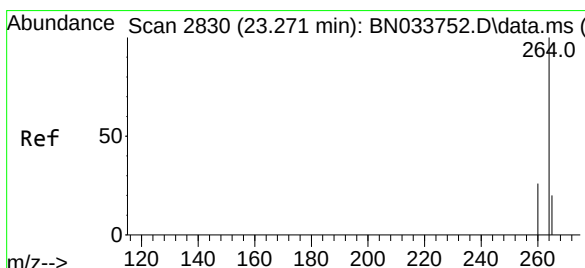
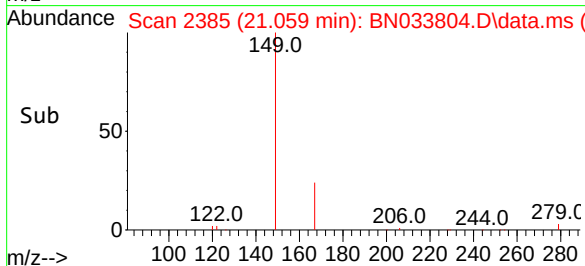
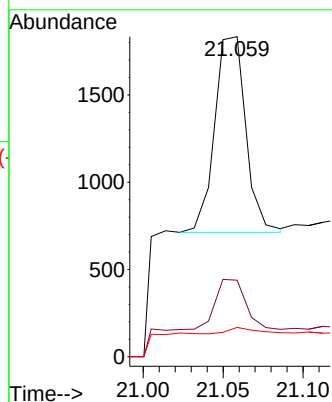
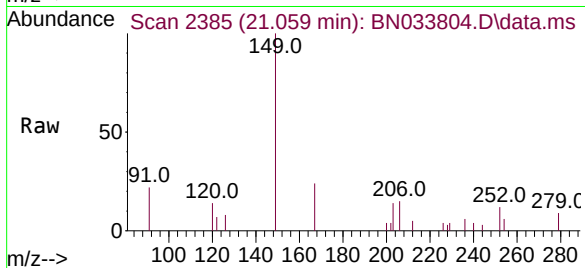




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.103 ng
RT: 21.059 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Instrument :
BNA_N
ClientSampleId :
BR-03D-489.5-090324

Tgt Ion:149 Resp: 1520
Ion Ratio Lower Upper
149 100
167 24.7 21.0 31.4
279 3.0 2.4 3.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.265 min Scan# 2828
Delta R.T. -0.006 min
Lab File: BN033804.D
Acq: 07 Sep 2024 04:54

Tgt Ion:264 Resp: 8032
Ion Ratio Lower Upper
264 100
260 26.3 21.1 31.7
265 86.9 72.0 108.0

