

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082624\
 Data File : BN033623.D
 Acq On : 26 Aug 2024 15:44
 Operator : MA/JU
 Sample : P3706-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-082024

Quant Time: Aug 26 16:13:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 00:22:18 2024
 Response via : Initial Calibration

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

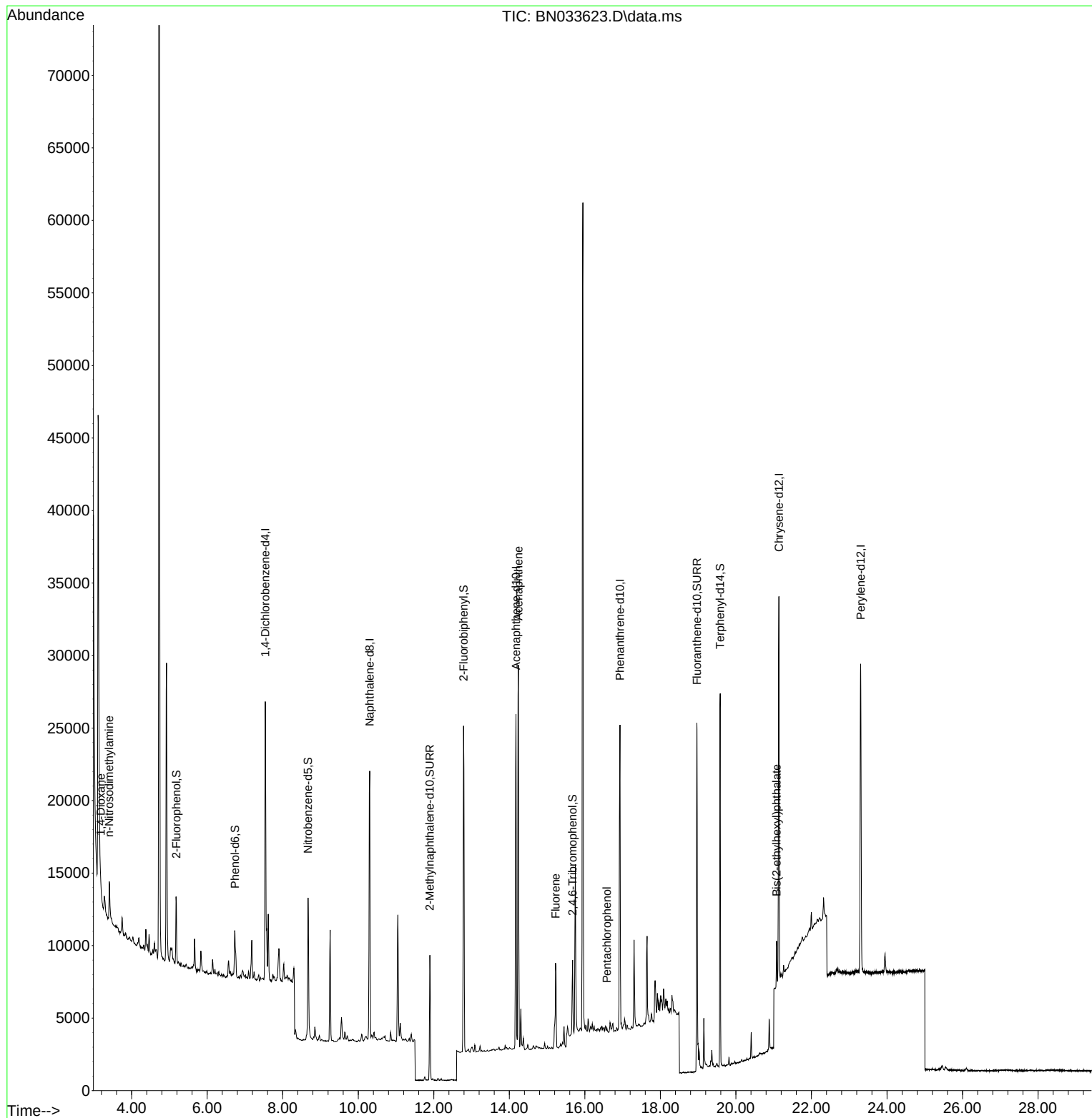
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.538	152	9080	0.400	ng	0.00
7) Naphthalene-d8	10.304	136	25115	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	13222	0.400	ng	0.00
19) Phenanthrene-d10	16.929	188	27276	0.400	ng	0.00
29) Chrysene-d12	21.139	240	23814	0.400	ng	# 0.00
35) Perylene-d12	23.303	264	27015	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	3573	0.124	ng	0.00
5) Phenol-d6	6.736	99	2740	0.080	ng	0.00
8) Nitrobenzene-d5	8.670	82	7334	0.352	ng	-0.01
11) 2-Methylnaphthalene-d10	11.896	152	11512	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	2613	0.368	ng	0.00
15) 2-Fluorobiphenyl	12.788	172	20203	0.374	ng	-0.01
27) Fluoranthene-d10	18.970	212	26115	0.398	ng	0.00
31) Terphenyl-d14	19.583	244	23438	0.433	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.183	88	254	0.024	ng	# 37
3) n-Nitrosodimethylamine	3.407	42	520	0.043	ng	# 1
17) Acenaphthene	14.242	154	13966	0.342	ng	98
18) Fluorene	15.226	166	3920	0.076	ng	96
24) Pentachlorophenol	16.582	266	174	0.022	ng	# 55
34) Bis(2-ethylhexyl)phtha...	21.077	149	4256	0.078	ng	# 97

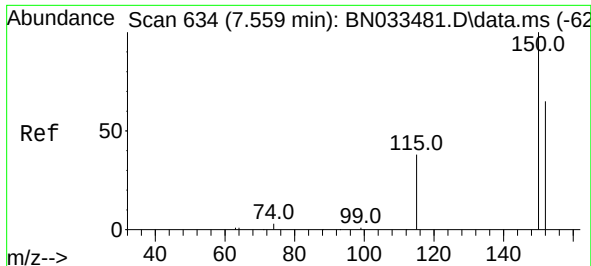
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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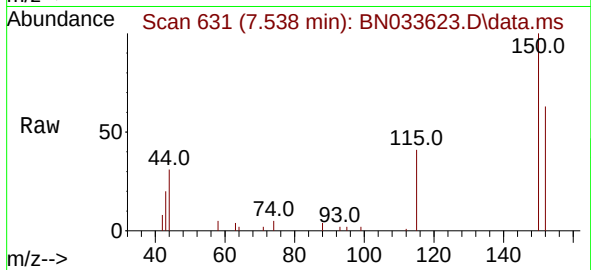
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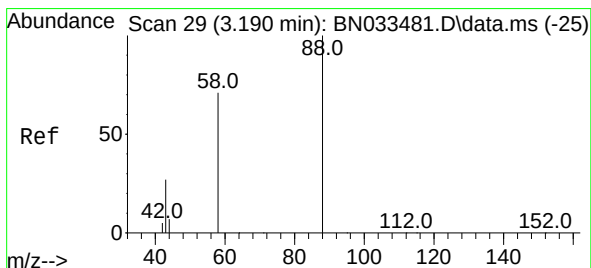
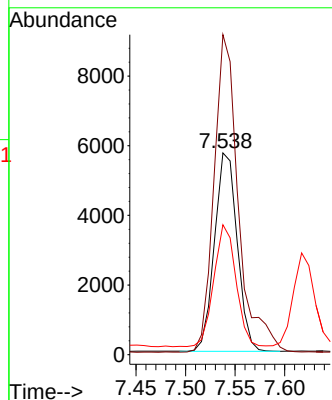
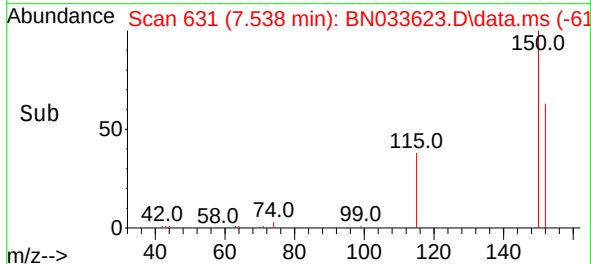


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.538 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-082024

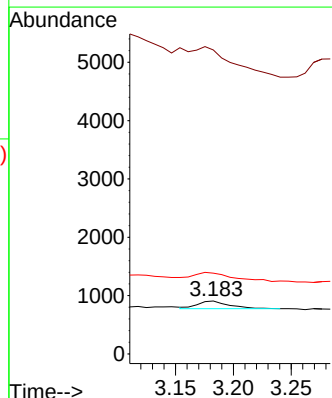
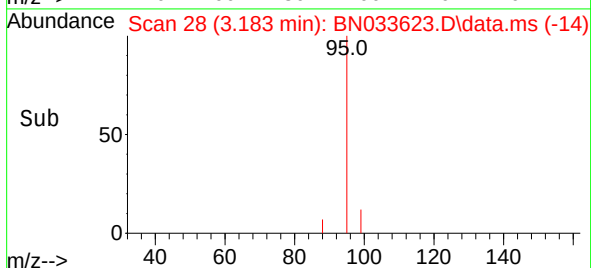
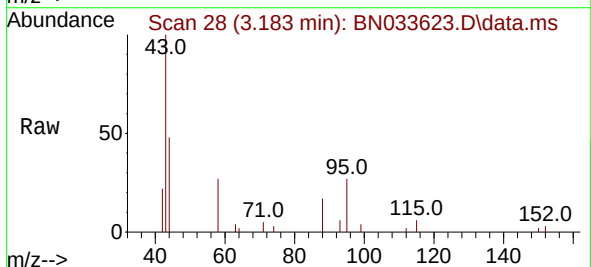


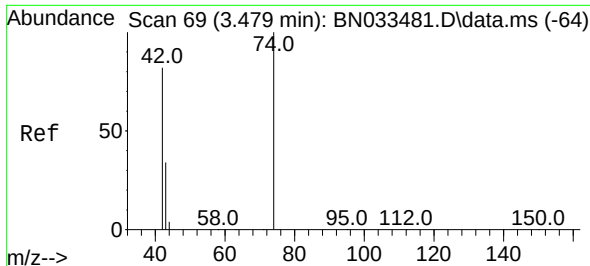
Tgt Ion:152 Resp: 9080
 Ion Ratio Lower Upper
 152 100
 150 158.6 122.2 183.2
 115 64.4 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.024 ng
 RT: 3.183 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

Tgt Ion: 88 Resp: 254
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.4#
 58 135.0 62.5 93.7#

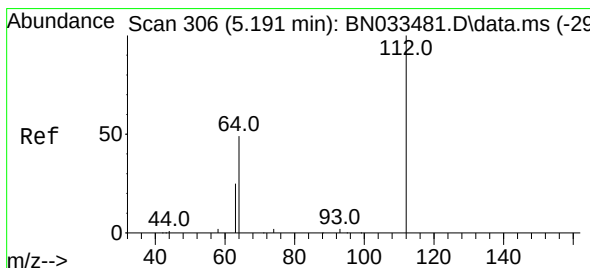
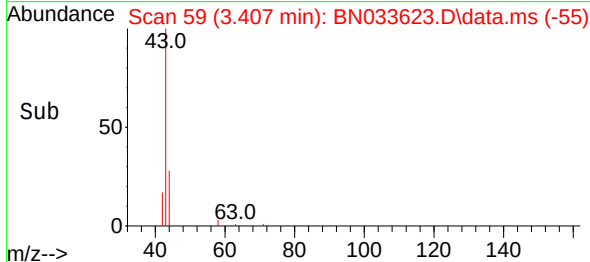
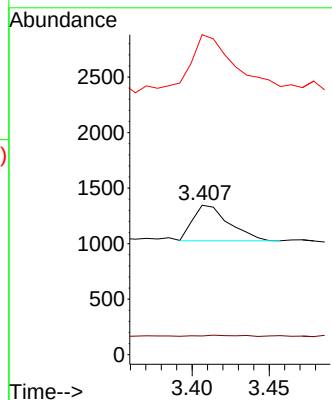
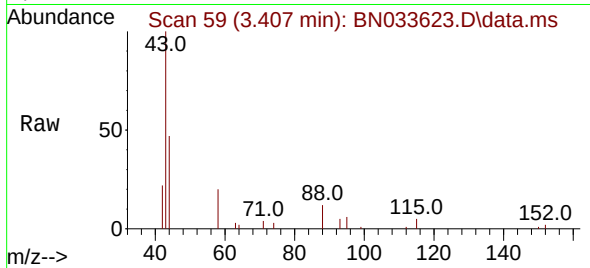




#3
 n-Nitrosodimethylamine
 Concen: 0.043 ng
 RT: 3.407 min Scan# 51
 Delta R.T. -0.072 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

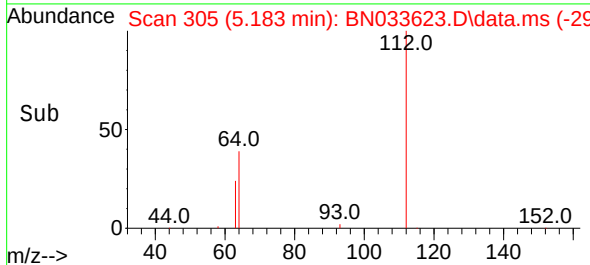
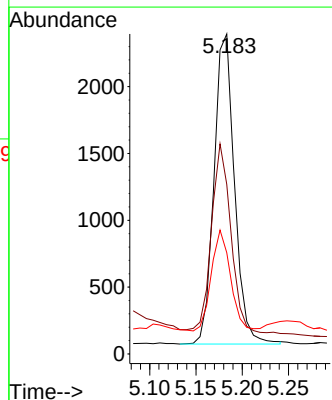
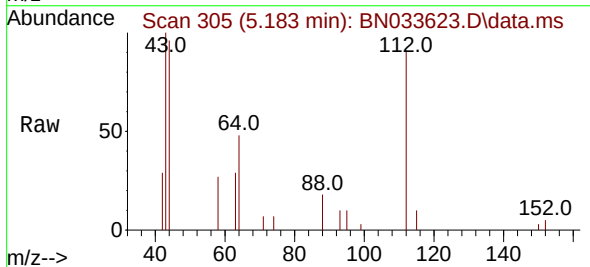
Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-082024

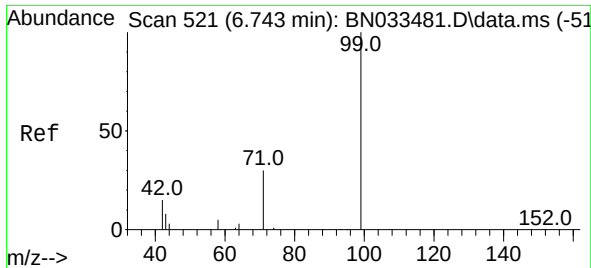
Tgt Ion: 42 Resp: 520
 Ion Ratio Lower Upper
 42 100
 74 3.3 100.2 150.2#
 44 160.2 5.3 7.9#



#4
 2-Fluorophenol
 Concen: 0.124 ng
 RT: 5.183 min Scan# 305
 Delta R.T. 0.007 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

Tgt Ion: 112 Resp: 3573
 Ion Ratio Lower Upper
 112 100
 64 58.4 47.1 70.7
 63 30.5 24.9 37.3

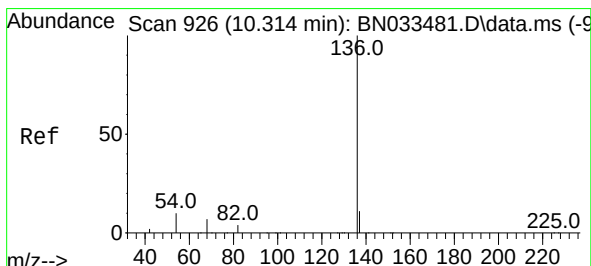
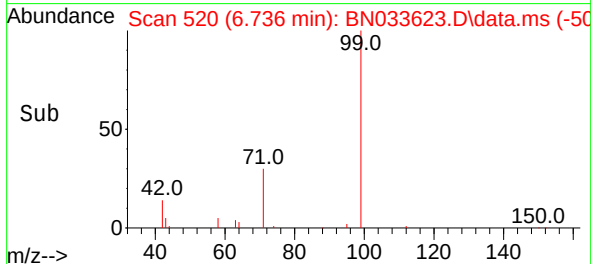
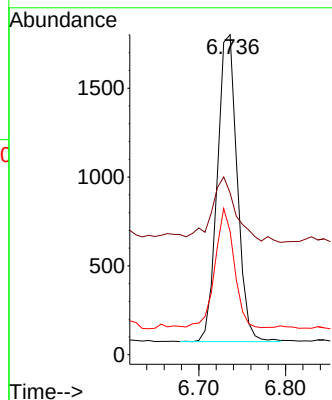
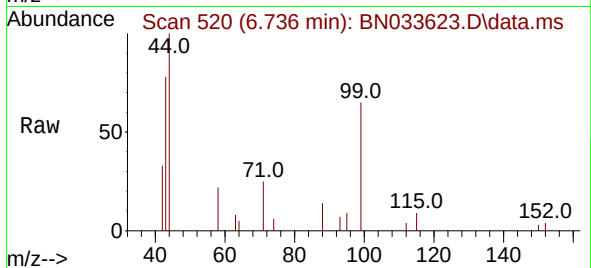




#5
Phenol-d6
Concen: 0.080 ng
RT: 6.736 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

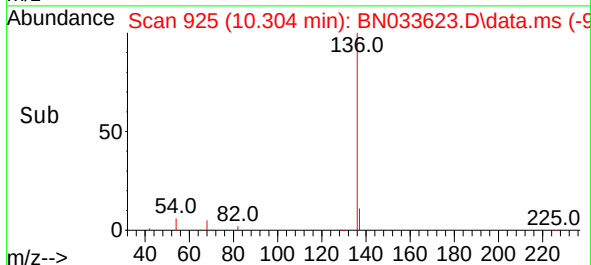
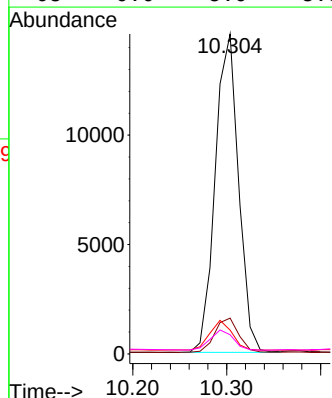
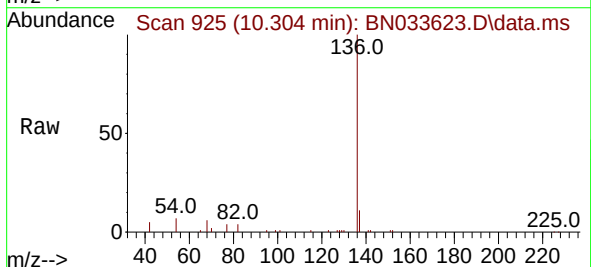
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-082024

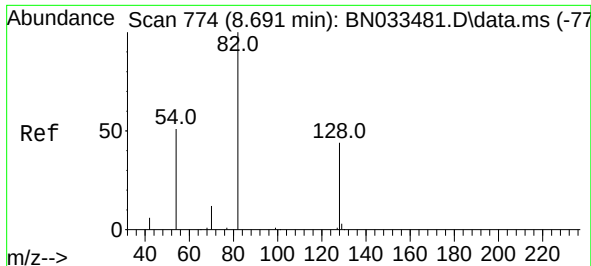
Tgt Ion: 99 Resp: 2740
Ion Ratio Lower Upper
99 100
42 26.9 16.6 24.8#
71 37.8 26.2 39.4



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 925
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 136 Resp: 25115
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.4 8.3 12.5#
68 6.0 5.9 8.9

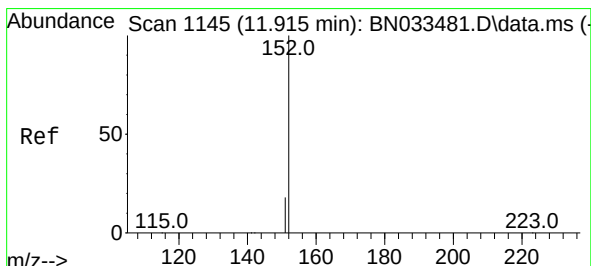
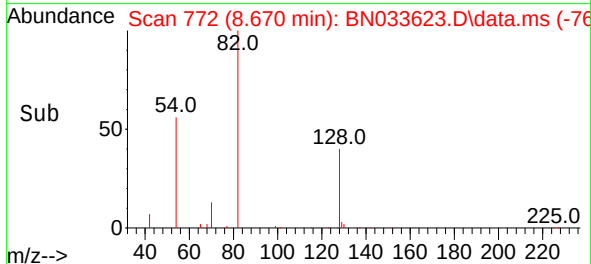
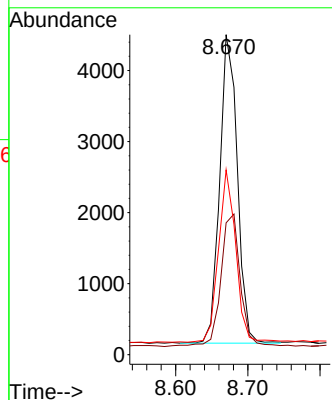
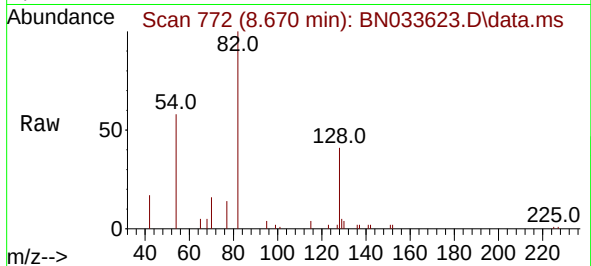




#8
Nitrobenzene-d5
Concen: 0.352 ng
RT: 8.670 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

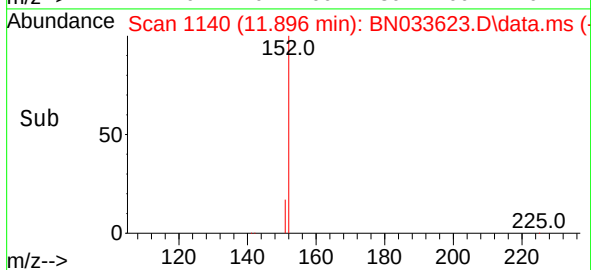
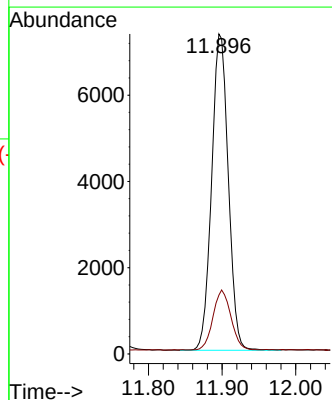
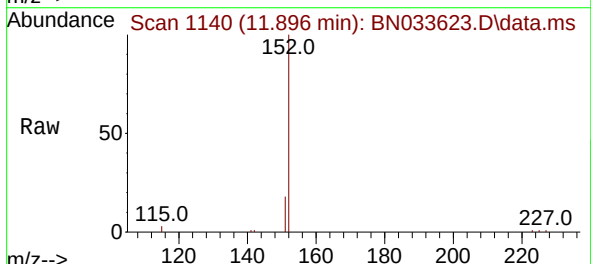
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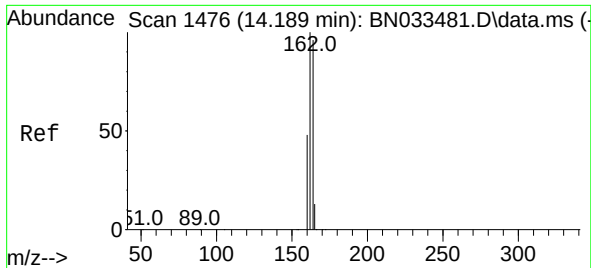
Tgt Ion: 82 Resp: 7334
Ion Ratio Lower Upper
82 100
128 41.2 36.0 54.0
54 57.7 42.0 63.0



#11
2-Methylnaphthalene-d10
Concen: 0.320 ng
RT: 11.896 min Scan# 1140
Delta R.T. -0.008 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

Tgt Ion: 152 Resp: 11512
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0

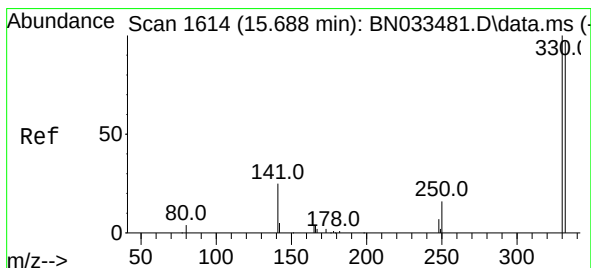
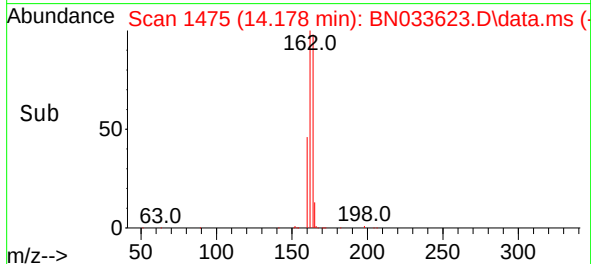
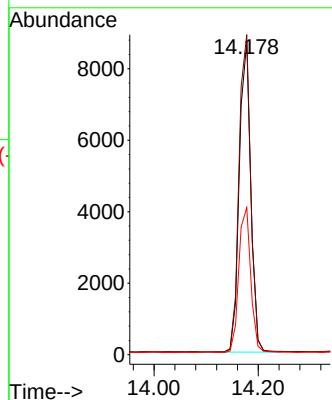
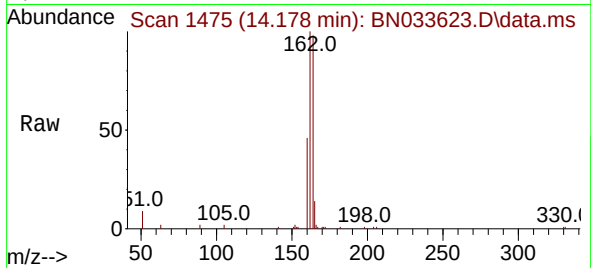




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

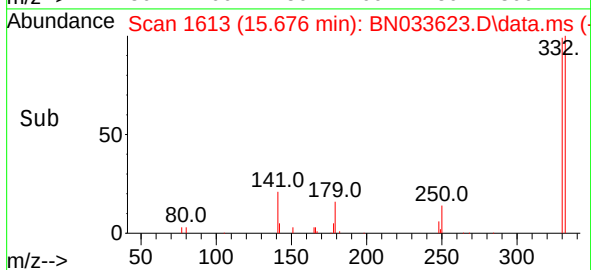
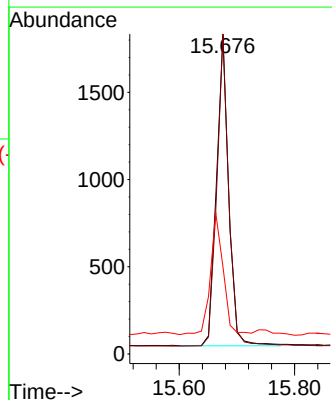
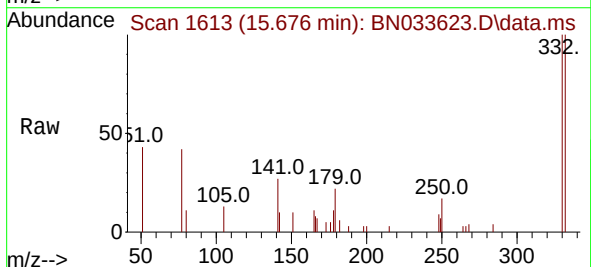
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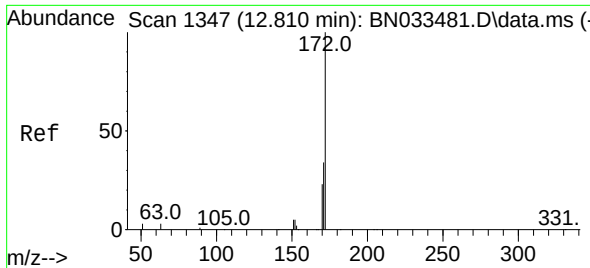
Tgt Ion:164 Resp: 13222
Ion Ratio Lower Upper
164 100
162 102.3 83.5 125.3
160 47.0 40.2 60.4



#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.676 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

Tgt Ion:330 Resp: 2613
Ion Ratio Lower Upper
330 100
332 97.9 77.5 116.3
141 40.8 33.9 50.9

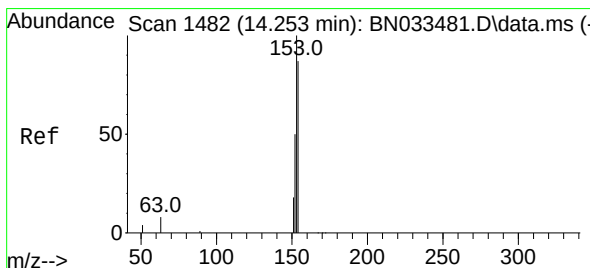
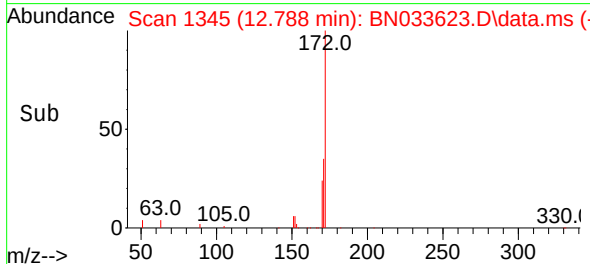
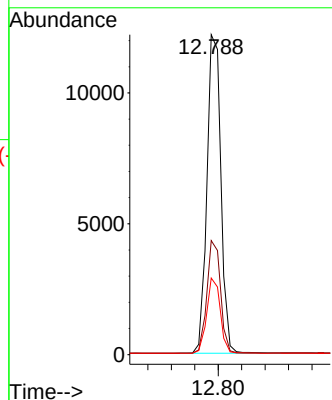
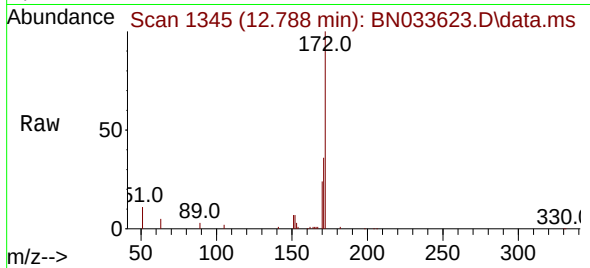




#15
2-Fluorobiphenyl
Concen: 0.374 ng
RT: 12.788 min Scan# 1480
Delta R.T. -0.011 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

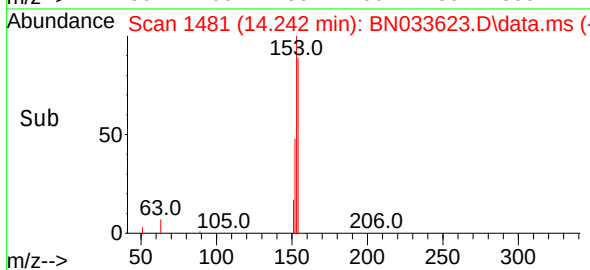
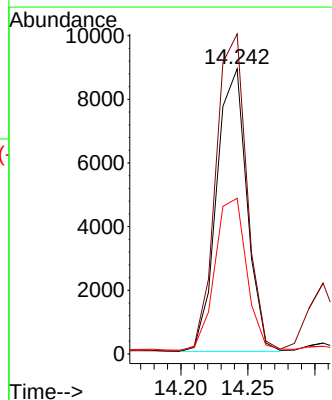
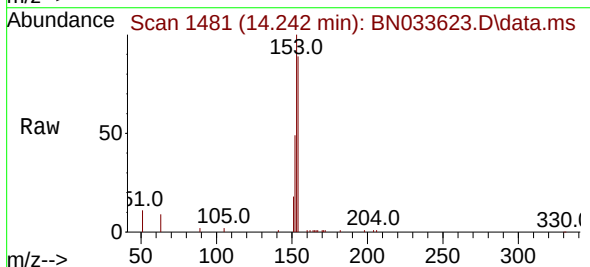
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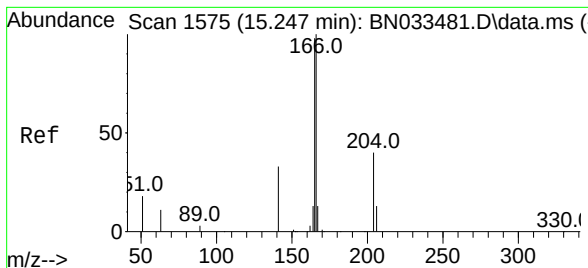
Tgt Ion:	172	Resp:	20203
Ion Ratio	Lower	Upper	
172	100		
171	35.7	27.7	41.5
170	24.0	18.3	27.5



#17
Acenaphthene
Concen: 0.342 ng
RT: 14.242 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

Tgt Ion:	154	Resp:	13966
Ion Ratio	Lower	Upper	
154	100		
153	114.3	89.0	133.6
152	56.1	45.2	67.8





#18

Fluorene

Concen: 0.076 ng

RT: 15.226 min Scan# 1573

Delta R.T. -0.011 min

Lab File: BN033623.D

Acq: 26 Aug 2024 15:44

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-082024

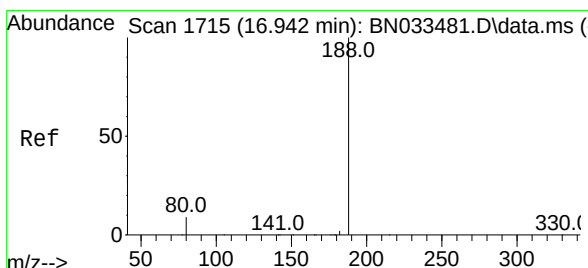
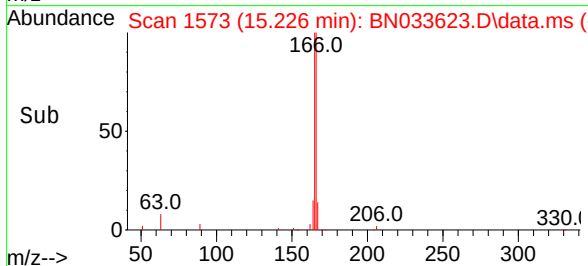
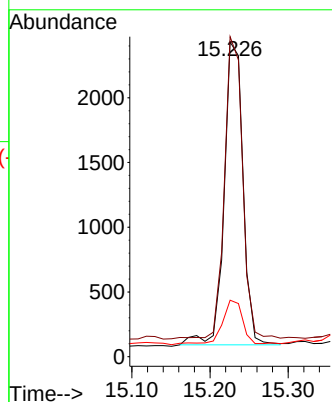
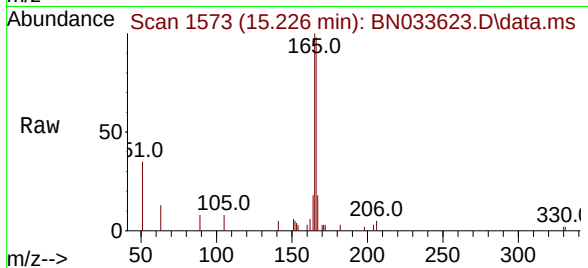
Tgt Ion:166 Resp: 3920

Ion Ratio Lower Upper

166 100

165 94.2 78.2 117.4

167 14.6 10.6 16.0



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BN033623.D

Acq: 26 Aug 2024 15:44

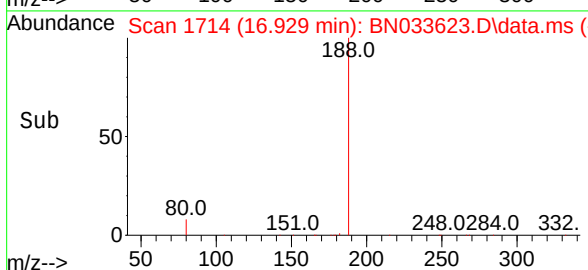
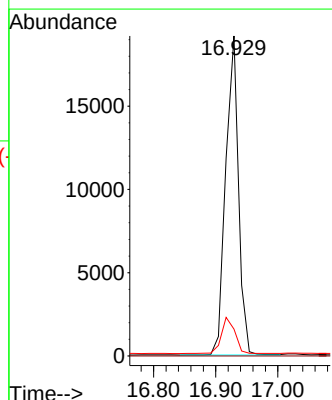
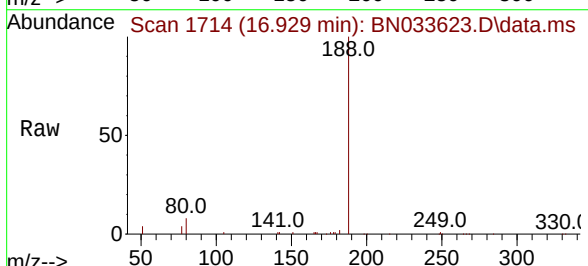
Tgt Ion:188 Resp: 27276

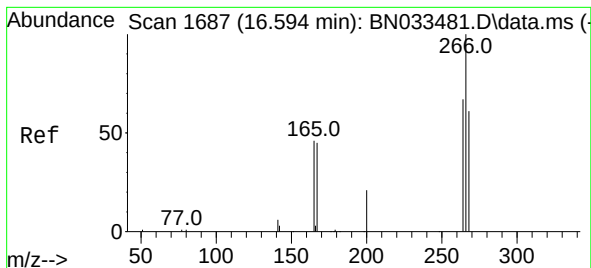
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.4 7.8 11.8





#24

Pentachlorophenol

Concen: 0.022 ng

RT: 16.582 min Scan# 1686

Delta R.T. -0.013 min

Lab File: BN033623.D

Acq: 26 Aug 2024 15:44

Instrument :

BNA_N

ClientSampleId :

MW-13A-10.5-082024

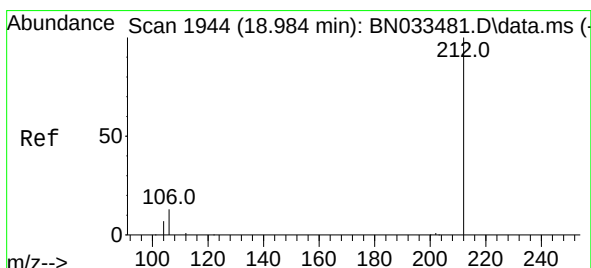
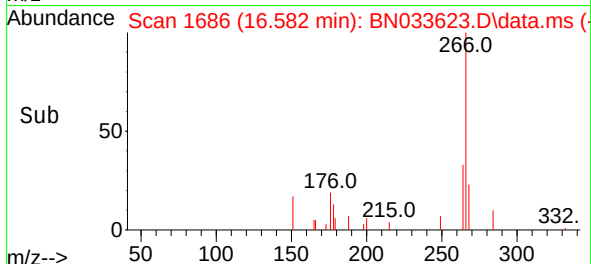
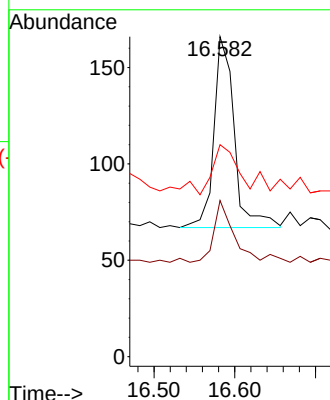
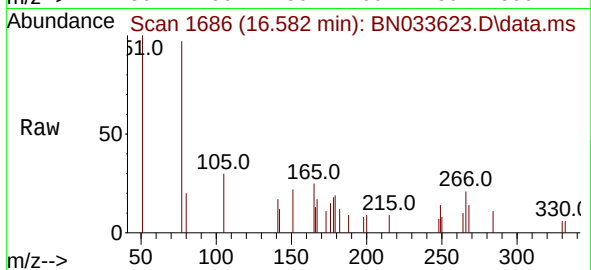
Tgt Ion:266 Resp: 174

Ion Ratio Lower Upper

266 100

264 33.9 51.9 77.9#

268 24.1 51.0 76.4#



#27

Fluoranthene-d10

Concen: 0.398 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.000 min

Lab File: BN033623.D

Acq: 26 Aug 2024 15:44

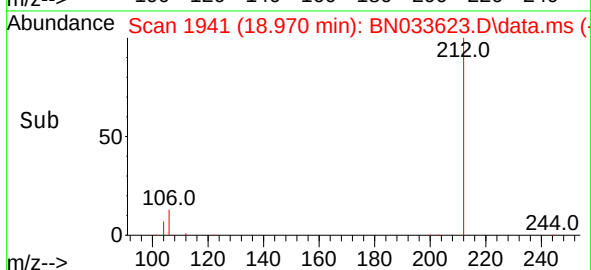
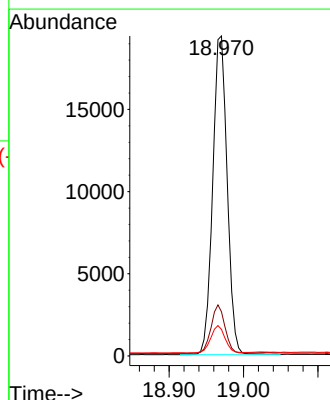
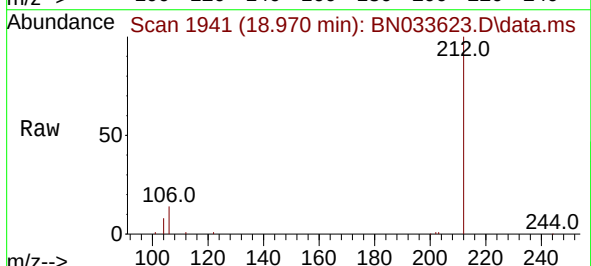
Tgt Ion:212 Resp: 26115

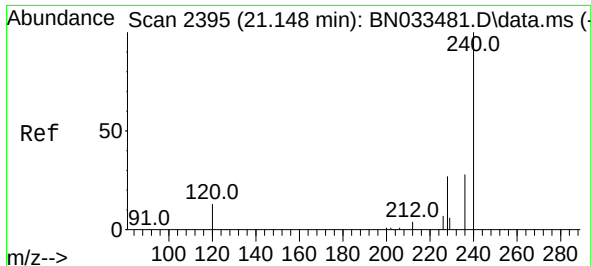
Ion Ratio Lower Upper

212 100

106 14.7 12.3 18.5

104 8.5 7.0 10.4

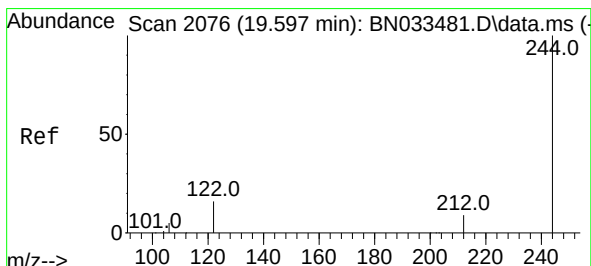
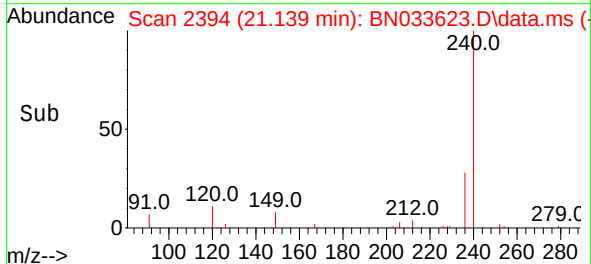
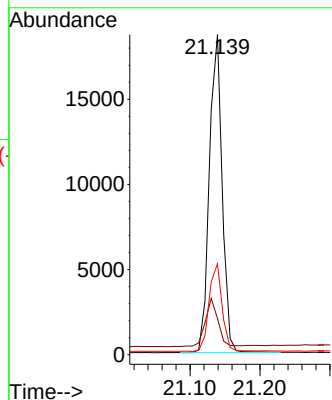
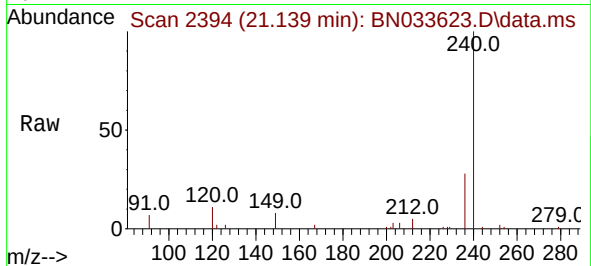




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.139 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

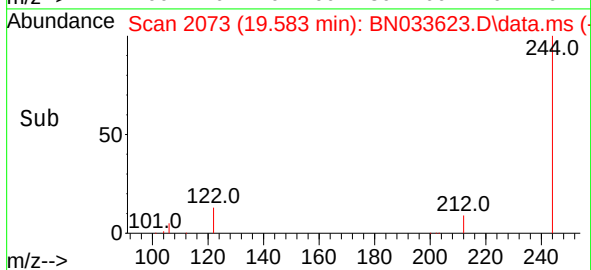
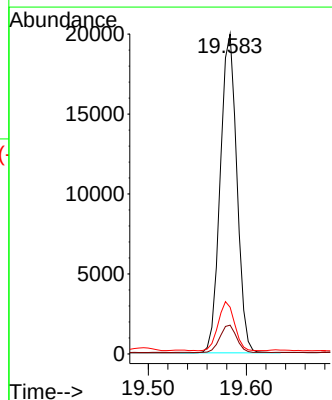
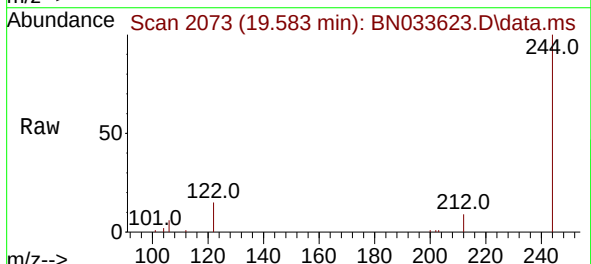
Instrument :
BNA_N
ClientSampleId :
MW-13A-10.5-082024

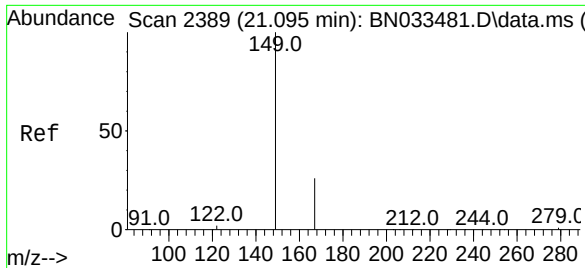
Tgt Ion:240 Resp: 23814
Ion Ratio Lower Upper
240 100
120 11.3 12.4 18.6#
236 28.4 23.0 34.6



#31
Terphenyl-d14
Concen: 0.433 ng
RT: 19.583 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BN033623.D
Acq: 26 Aug 2024 15:44

Tgt Ion:244 Resp: 23438
Ion Ratio Lower Upper
244 100
212 9.0 7.8 11.6
122 14.6 13.3 19.9

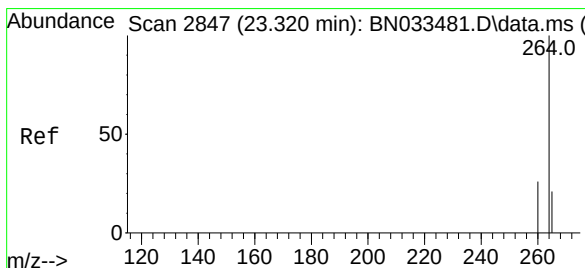
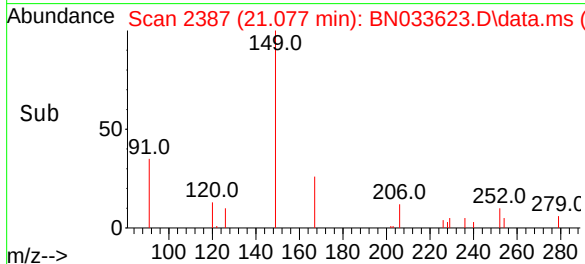
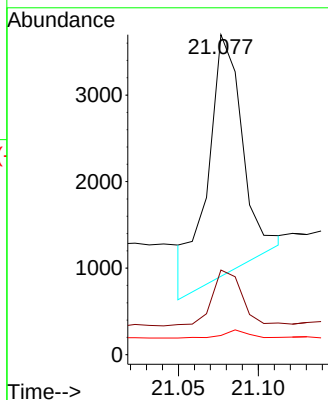
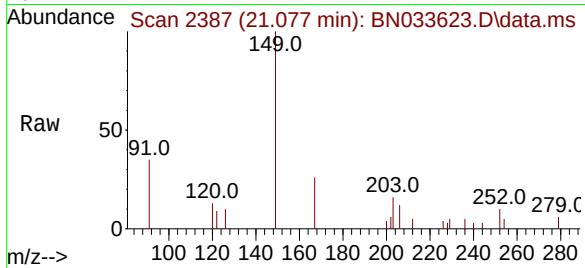




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.078 ng
 RT: 21.077 min Scan# 241
 Delta R.T. -0.009 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

Instrument :
 BNA_N
 ClientSampleId :
 MW-13A-10.5-082024

Tgt Ion:149 Resp: 4256
 Ion Ratio Lower Upper
 149 100
 167 28.5 21.5 32.3
 279 4.3 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.303 min Scan# 2841
 Delta R.T. -0.000 min
 Lab File: BN033623.D
 Acq: 26 Aug 2024 15:44

Tgt Ion:264 Resp: 27015
 Ion Ratio Lower Upper
 264 100
 260 26.1 20.8 31.2
 265 53.2 52.2 78.2

