

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
 Data File : BN033449.D
 Acq On : 17 Aug 2024 03:01
 Operator : MA/JU
 Sample : P3601-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324-FD

Quant Time: Aug 17 03:27:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 16 04:44:11 2024
 Response via : Initial Calibration

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

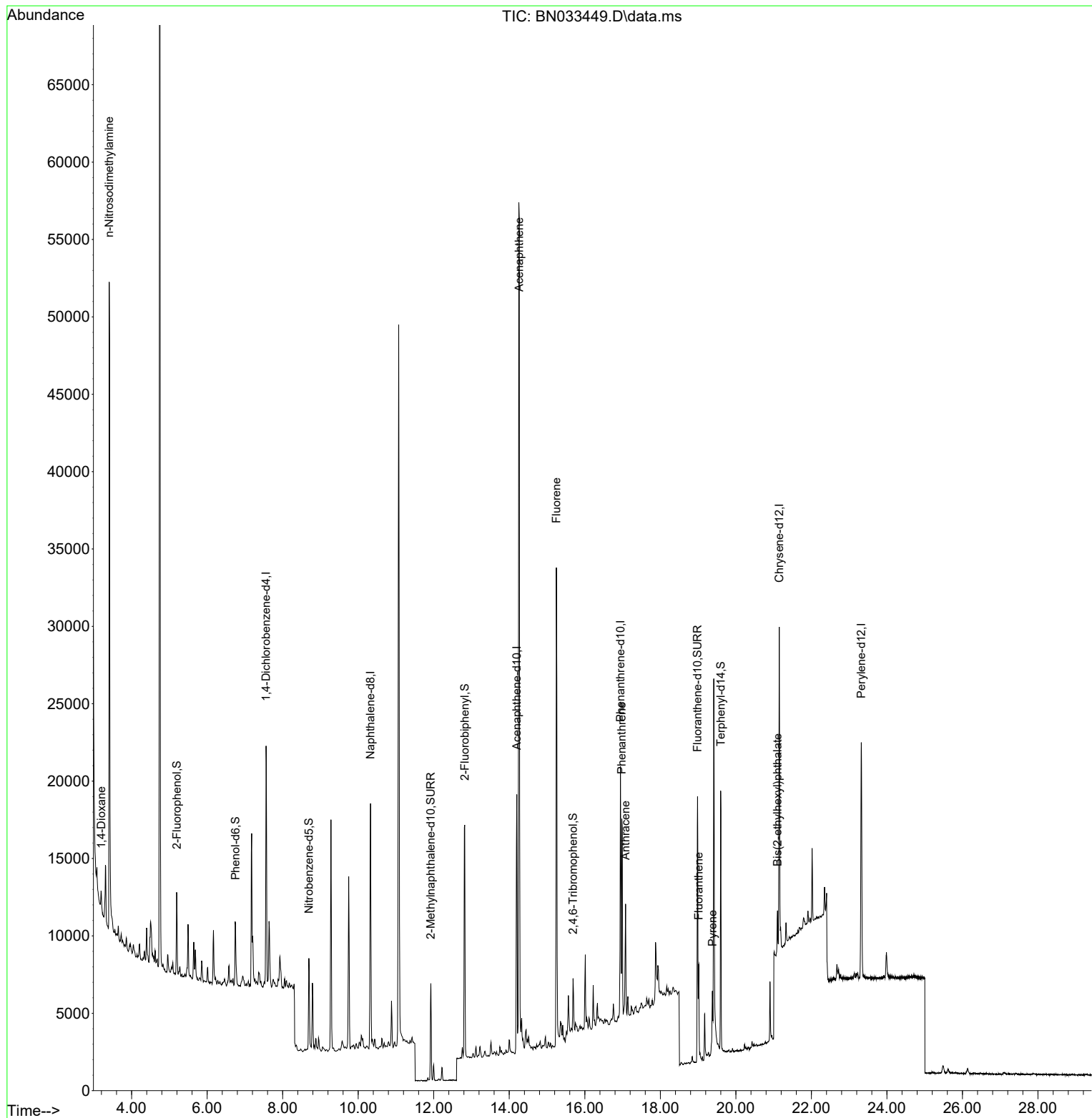
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	7145	0.400	ng	-0.01
7) Naphthalene-d8	10.325	136	19484	0.400	ng	#-0.01
13) Acenaphthene-d10	14.199	164	10100	0.400	ng	0.00
19) Phenanthrene-d10	16.942	188	20509	0.400	ng	-0.01
29) Chrysene-d12	21.148	240	18311	0.400	ng	0.00
35) Perylene-d12	23.320	264	18743	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.198	112	4110	0.208	ng	0.00
5) Phenol-d6	6.751	99	3480	0.131	ng	0.00
8) Nitrobenzene-d5	8.691	82	4650	0.316	ng	-0.01
11) 2-Methylnaphthalene-d10	11.922	152	8342	0.278	ng	0.00
14) 2,4,6-Tribromophenol	15.688	330	1602	0.309	ng	-0.01
15) 2-Fluorobiphenyl	12.820	172	13706	0.331	ng	0.00
27) Fluoranthene-d10	18.984	212	17558	0.320	ng	0.00
31) Terphenyl-d14	19.597	244	15209	0.440	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	686	0.086	ng	# 1
3) n-Nitrosodimethylamine	3.407	42	6676	0.653	ng	# 1
17) Acenaphthene	14.264	154	29817	0.922	ng	98
18) Fluorene	15.247	166	21757	0.510	ng	90
25) Phenanthrene	16.979	178	15071	0.254	ng	100
26) Anthracene	17.078	178	7023	0.134	ng	97
28) Fluoranthene	19.017	202	5445	0.075	ng	100
30) Pyrene	19.379	202	3545	0.049	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.104	149	2775	0.089	ng	# 92

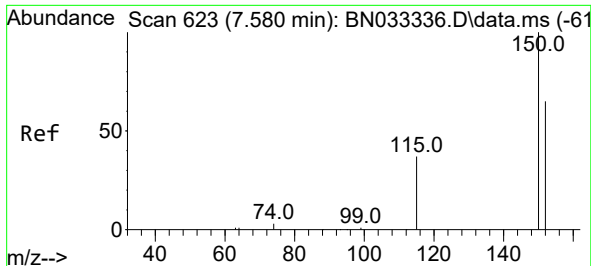
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081724\
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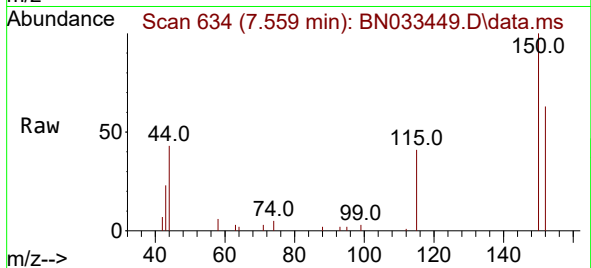
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration



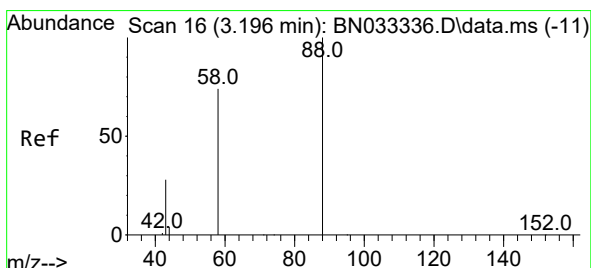
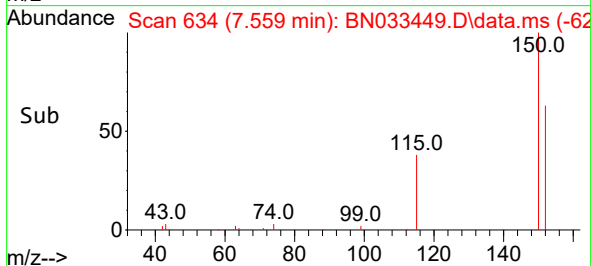
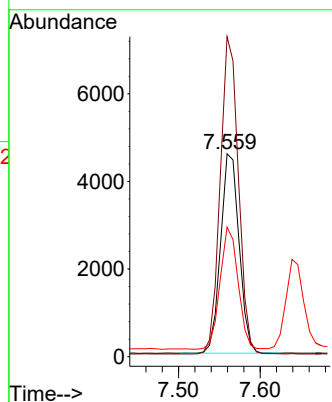


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.559 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN033449.D
 Acq: 17 Aug 2024 03:01

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324-FD

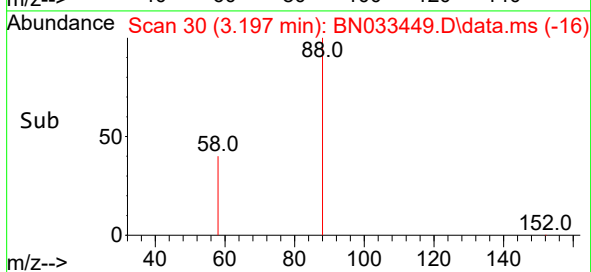
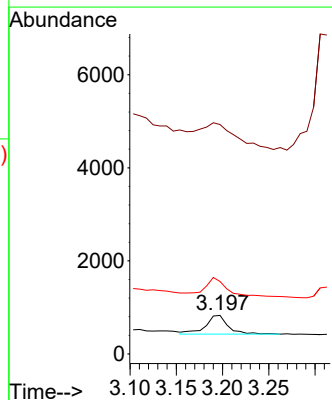
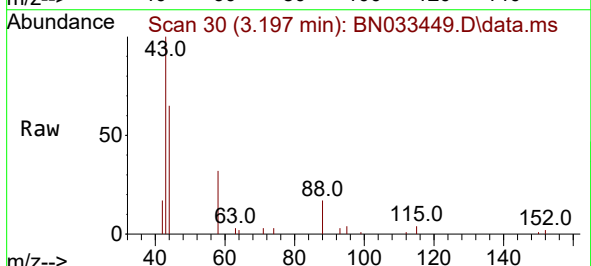


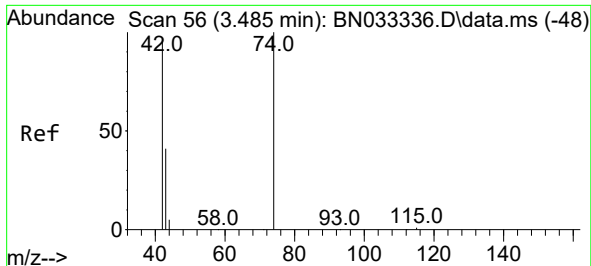
Tgt Ion:152 Resp: 7145
 Ion Ratio Lower Upper
 152 100
 150 157.8 122.3 183.5
 115 63.9 48.8 73.2



#2
 1,4-Dioxane
 Concen: 0.086 ng
 RT: 3.197 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BN033449.D
 Acq: 17 Aug 2024 03:01

Tgt Ion: 88 Resp: 686
 Ion Ratio Lower Upper
 88 100
 43 213.1 30.6 46.0#
 58 94.0 64.5 96.7

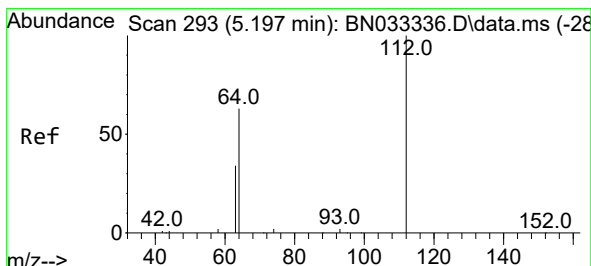
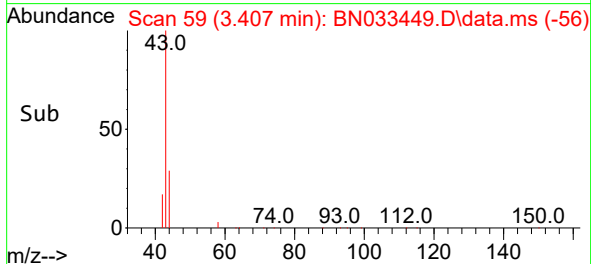
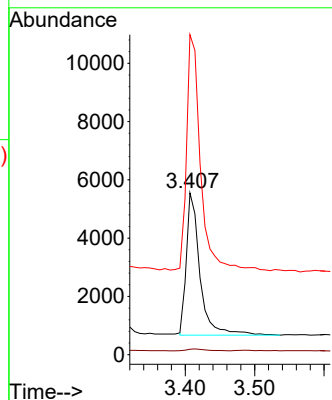
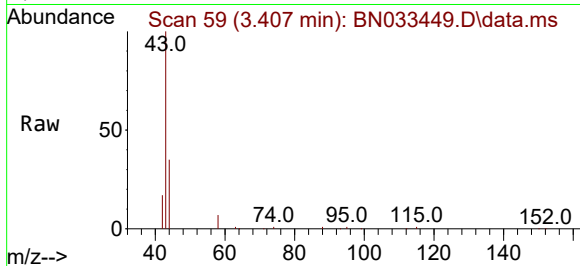




#3
n-Nitrosodimethylamine
Concen: 0.653 ng
RT: 3.407 min Scan# 51
Delta R.T. -0.079 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

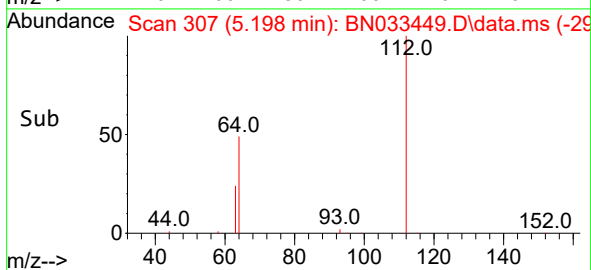
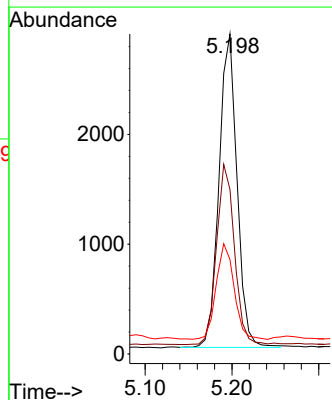
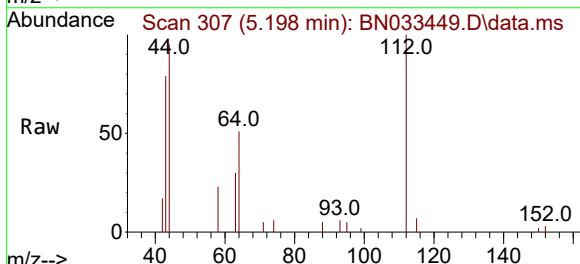
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324-FD

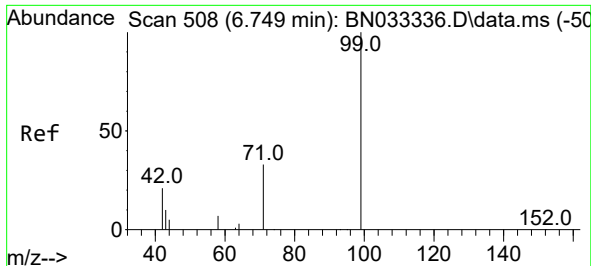
Tgt Ion: 42 Resp: 6676
Ion Ratio Lower Upper
42 100
74 1.6 89.0 133.6#
44 168.5 11.0 16.4#



#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.198 min Scan# 307
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion: 112 Resp: 4110
Ion Ratio Lower Upper
112 100
64 57.3 48.1 72.1
63 30.4 25.4 38.2

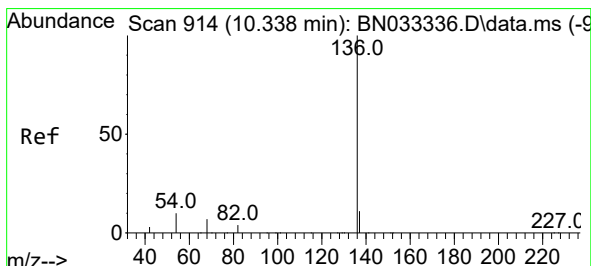
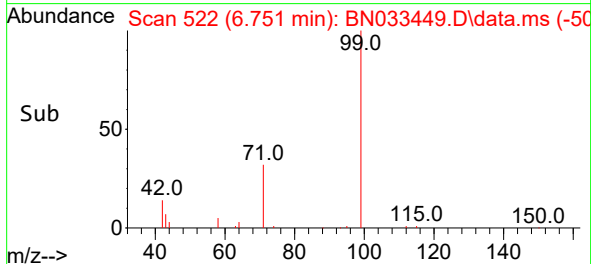
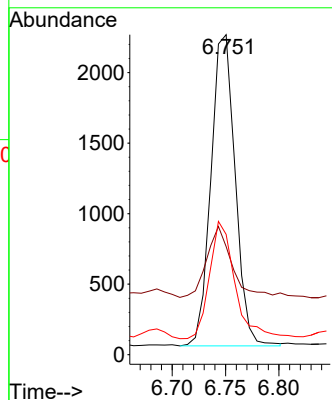
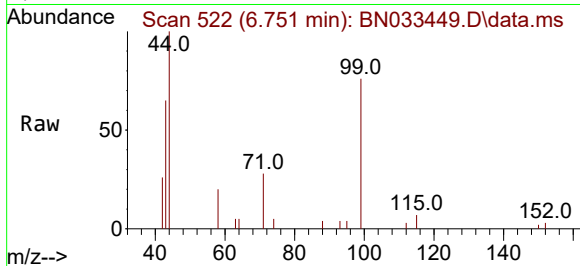




#5
Phenol-d6
Concen: 0.131 ng
RT: 6.751 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

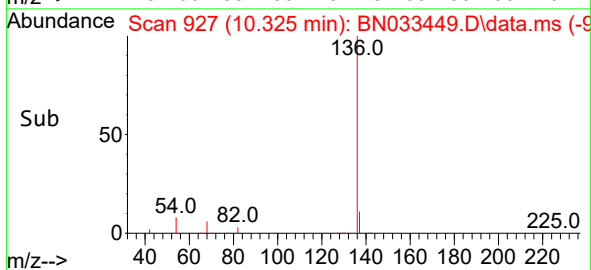
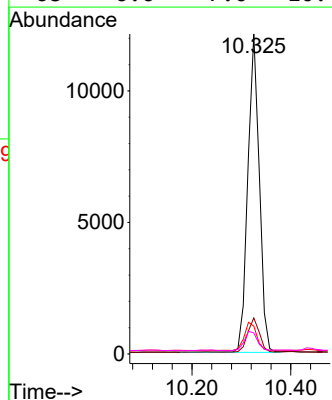
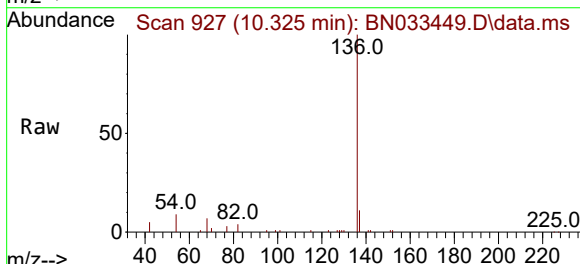
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324-FD

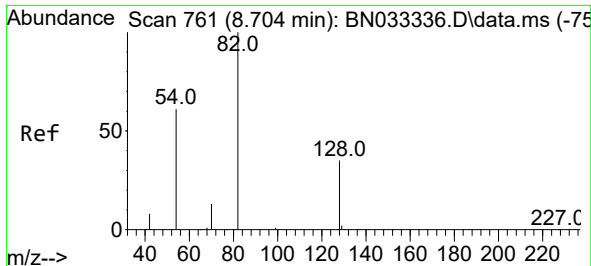
Tgt Ion: 99 Resp: 3480
Ion Ratio Lower Upper
99 100
42 24.0 18.5 27.7
71 39.7 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.325 min Scan# 927
Delta R.T. -0.011 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion: 136 Resp: 19484
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.7 9.4 14.0#
68 6.6 7.0 10.4#

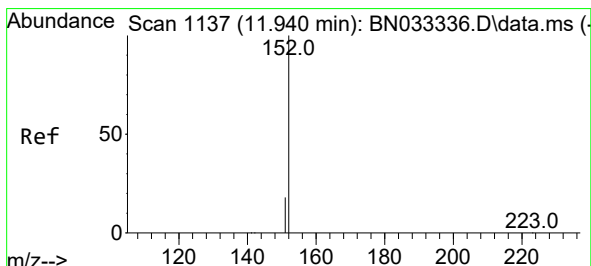
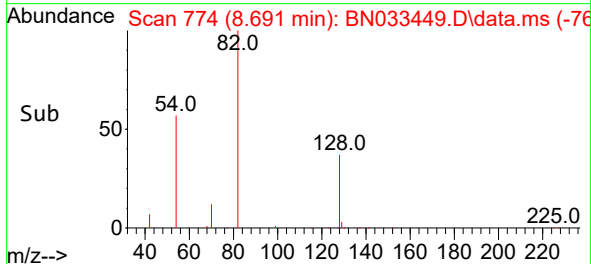
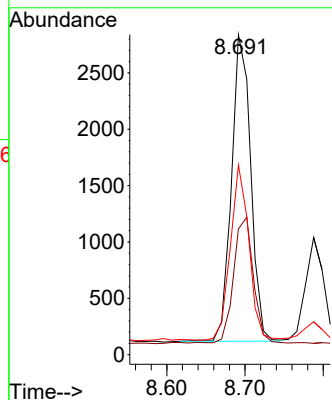
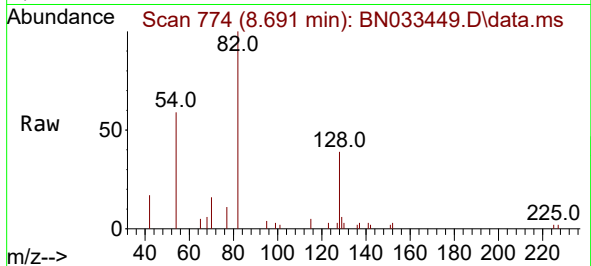




#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.691 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

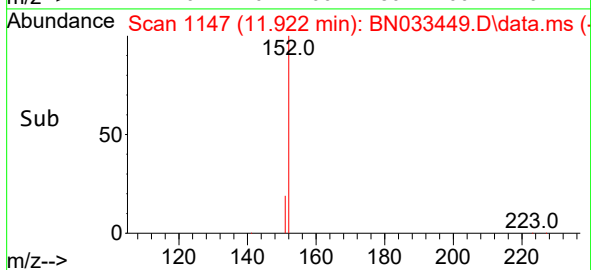
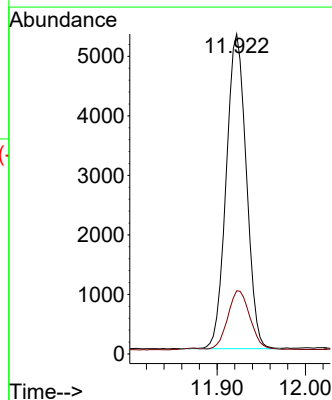
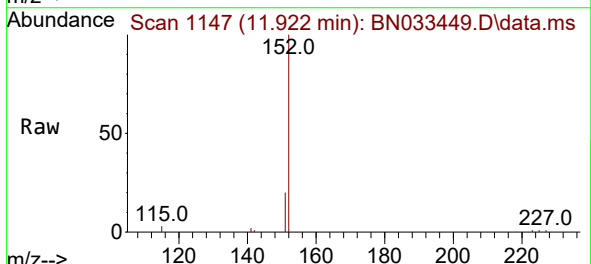
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ClientSampleId :
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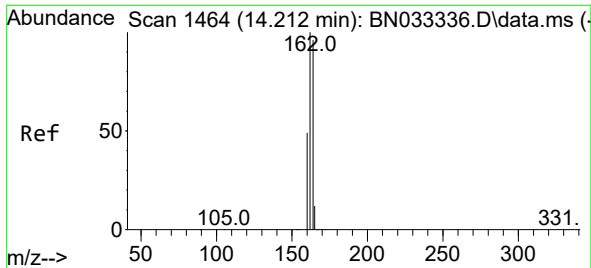
Tgt Ion: 82 Resp: 4650
Ion Ratio Lower Upper
82 100
128 39.3 29.0 43.4
54 59.3 50.2 75.4



#11
2-Methylnaphthalene-d10
Concen: 0.278 ng
RT: 11.922 min Scan# 1147
Delta R.T. -0.007 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:152 Resp: 8342
Ion Ratio Lower Upper
152 100
151 20.7 16.7 25.1

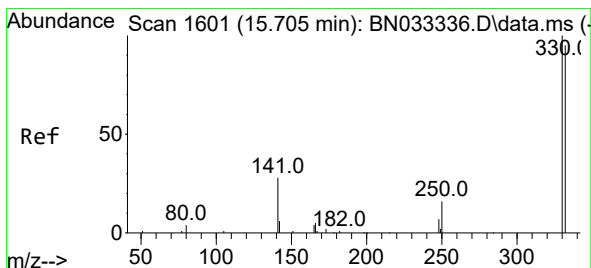
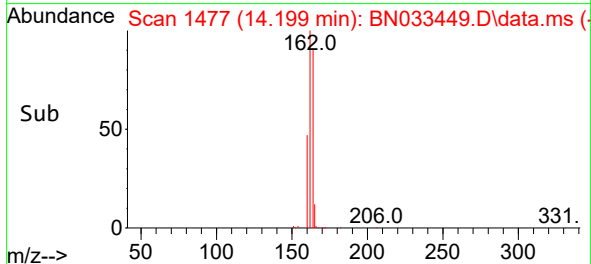
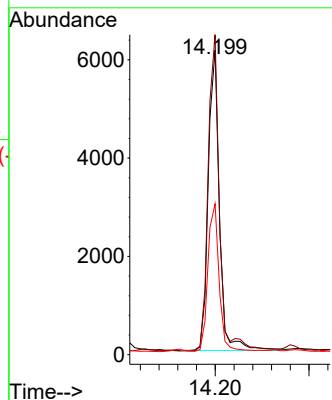
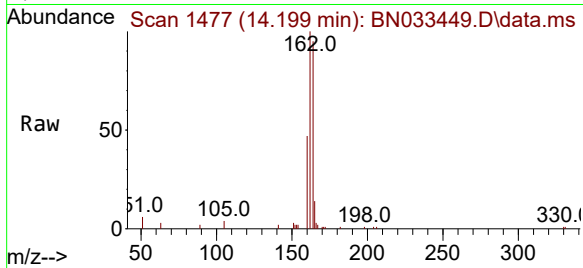




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.199 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

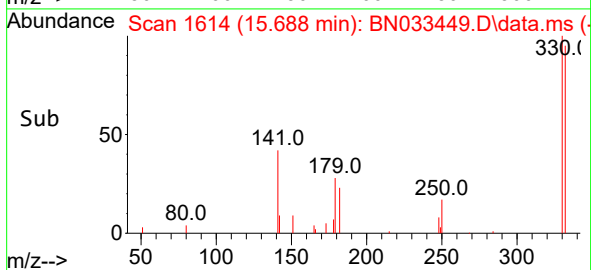
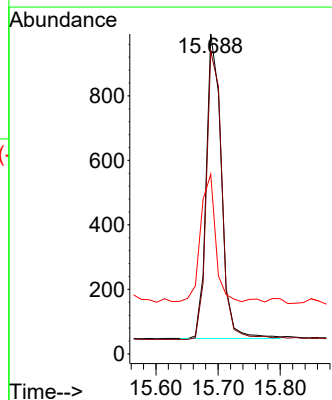
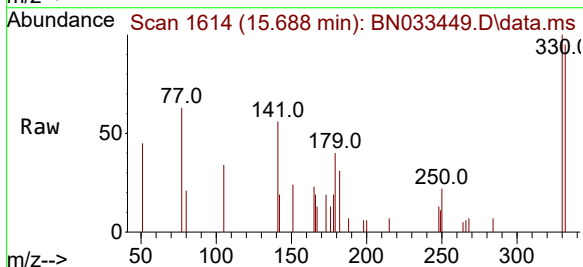
Instrument :
BNA_N
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918-J-WPO-0.25-081324-FD

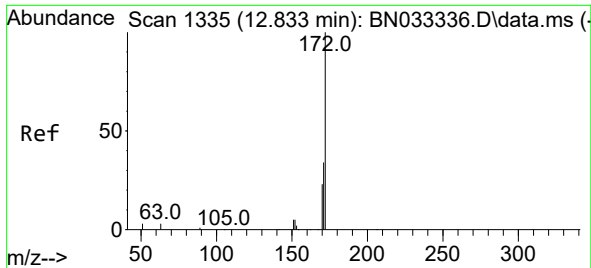
Tgt Ion:164 Resp: 10100
Ion Ratio Lower Upper
164 100
162 105.0 83.1 124.7
160 49.5 41.1 61.7



#14
2,4,6-Tribromophenol
Concen: 0.309 ng
RT: 15.688 min Scan# 1614
Delta R.T. -0.012 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:330 Resp: 1602
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 41.0 33.4 50.0

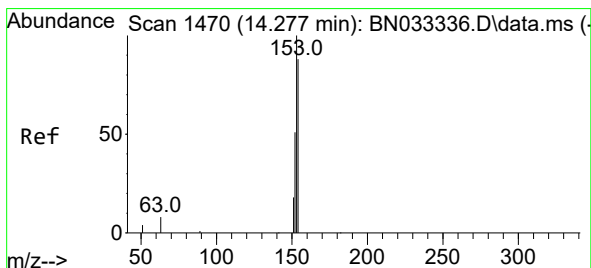
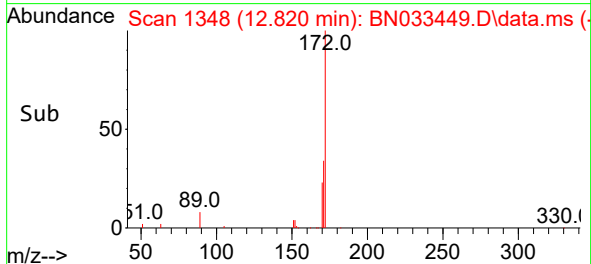
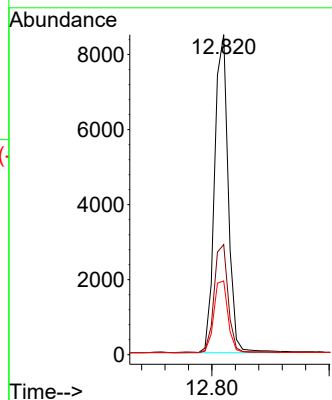
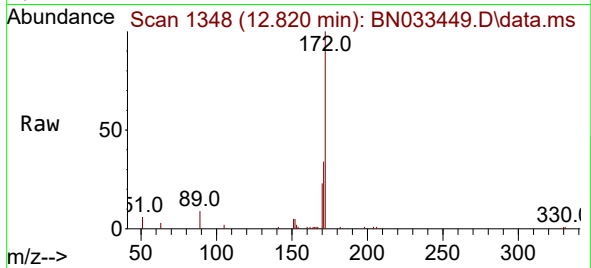




#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.820 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

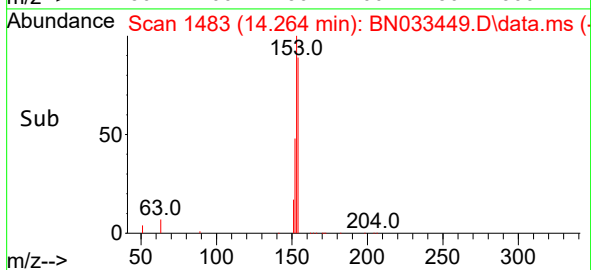
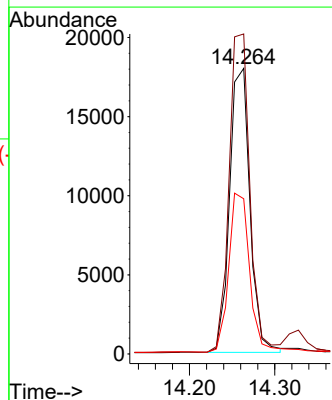
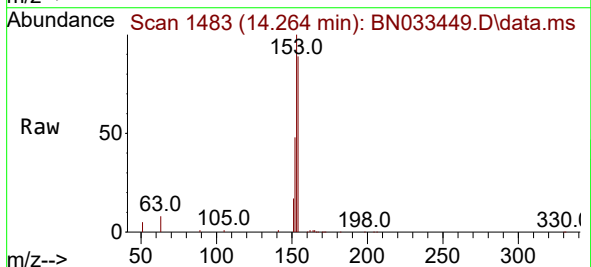
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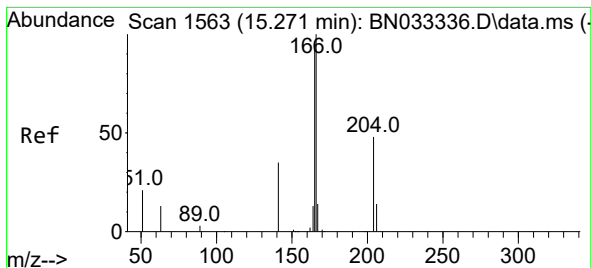
Tgt Ion:172 Resp: 13706
Ion Ratio Lower Upper
172 100
171 34.4 27.8 41.8
170 23.0 18.7 28.1



#17
Acenaphthene
Concen: 0.922 ng
RT: 14.264 min Scan# 1483
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:154 Resp: 29817
Ion Ratio Lower Upper
154 100
153 113.8 89.7 134.5
152 57.3 47.2 70.8





#18

Fluorene

Concen: 0.510 ng

RT: 15.247 min Scan# 1

Delta R.T. -0.011 min

Lab File: BN033449.D

Acq: 17 Aug 2024 03:01

Instrument :

BNA_N

ClientSampleId :

918-J-WPO-0.25-081324-FD

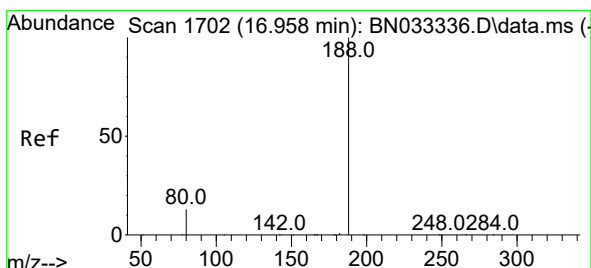
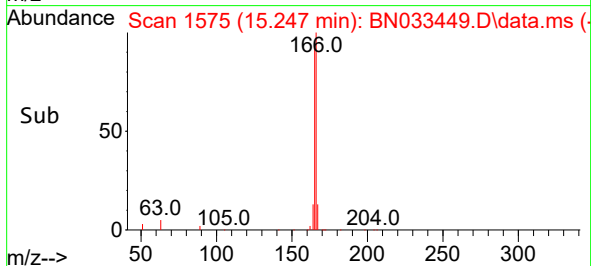
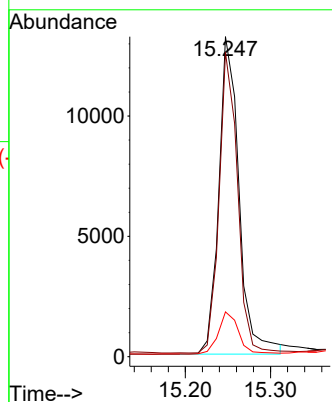
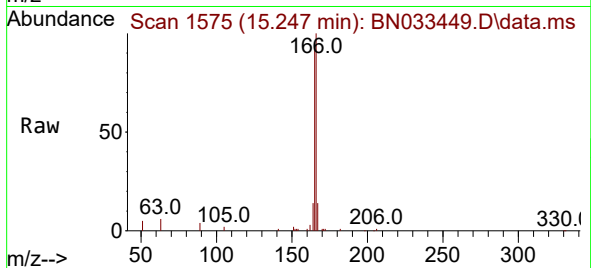
Tgt Ion:166 Resp: 21757

Ion Ratio Lower Upper

166 100

165 85.8 78.0 117.0

167 13.5 10.7 16.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.942 min Scan# 1715

Delta R.T. -0.012 min

Lab File: BN033449.D

Acq: 17 Aug 2024 03:01

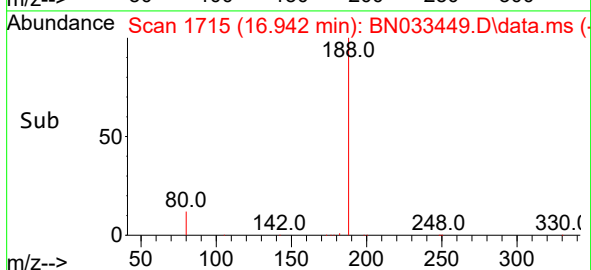
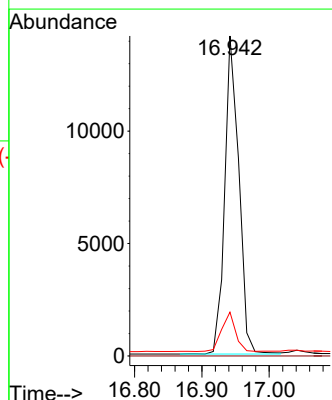
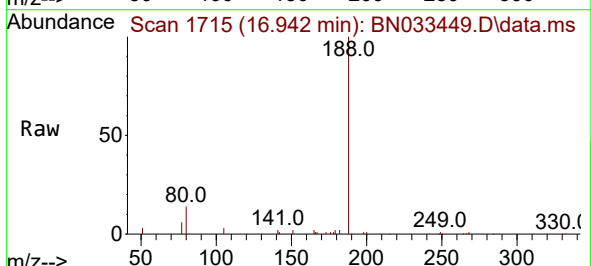
Tgt Ion:188 Resp: 20509

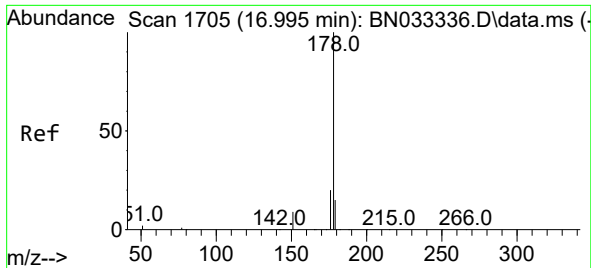
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 13.7 10.7 16.1

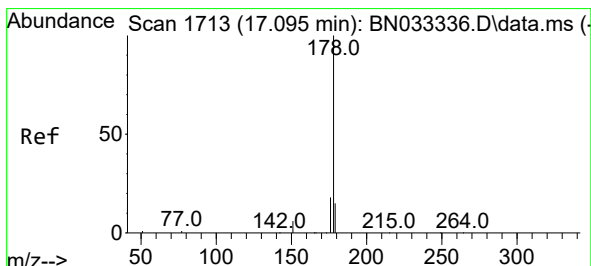
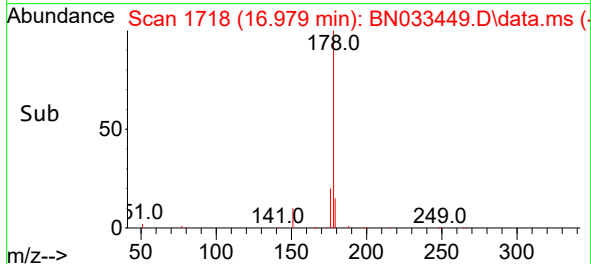
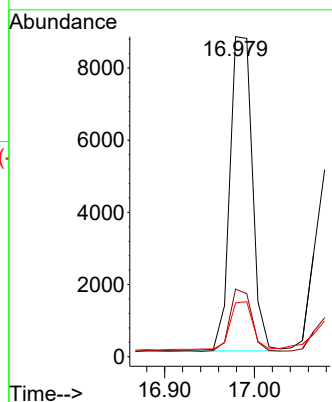
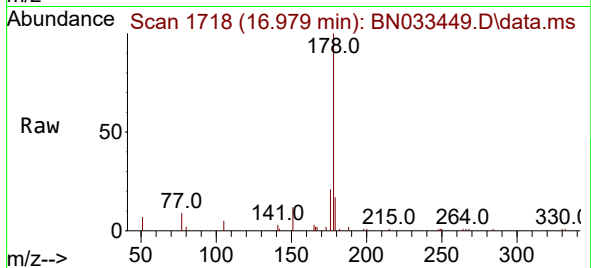




#25
Phenanthrene
Concen: 0.254 ng
RT: 16.979 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

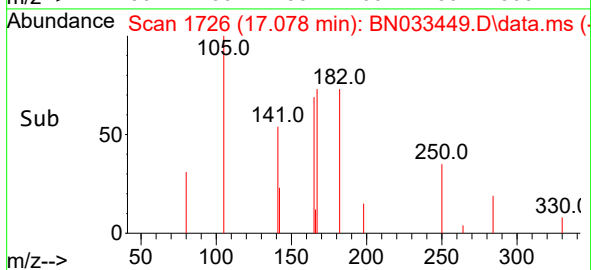
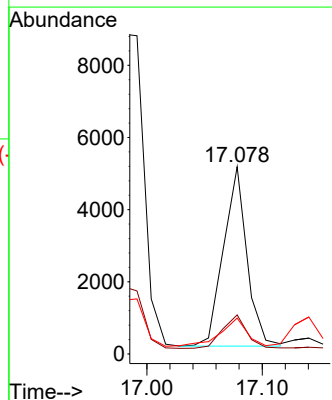
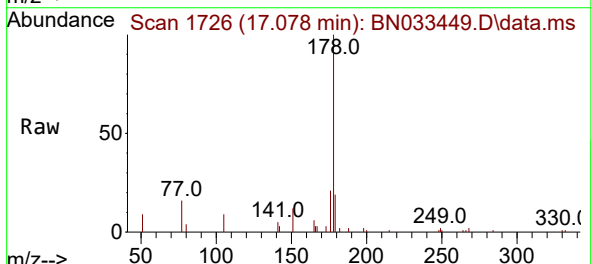
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324-FD

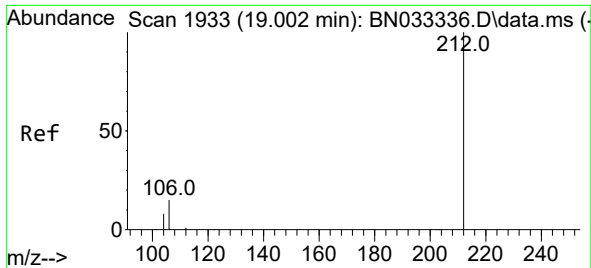
Tgt Ion:178 Resp: 15071
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.2 12.2 18.2



#26
Anthracene
Concen: 0.134 ng
RT: 17.078 min Scan# 1726
Delta R.T. 0.000 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:178 Resp: 7023
Ion Ratio Lower Upper
178 100
176 19.5 14.7 22.1
179 16.3 12.2 18.2

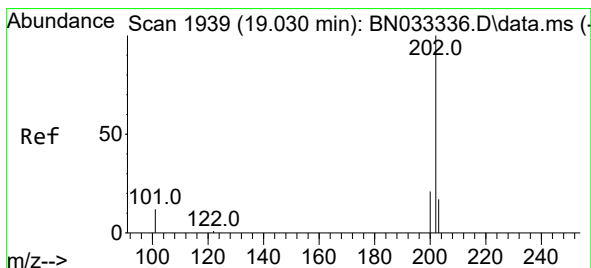
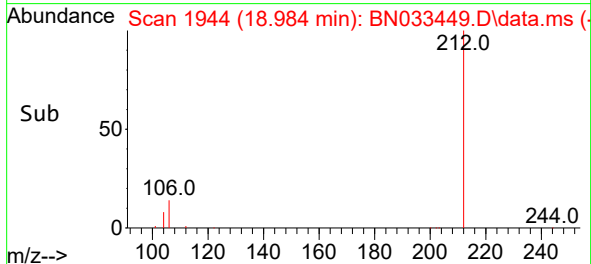
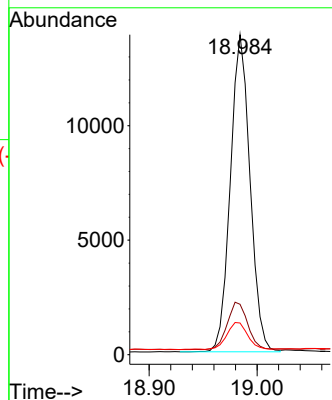
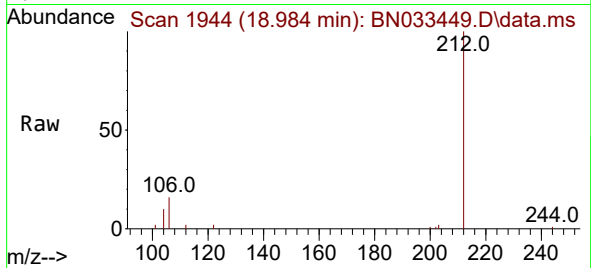




#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 18.984 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

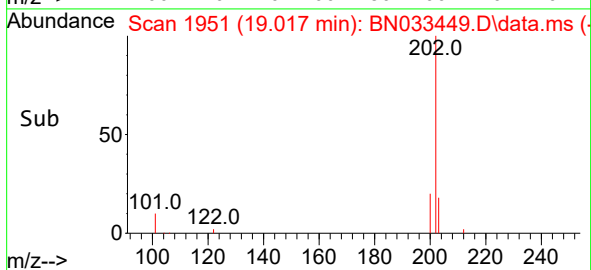
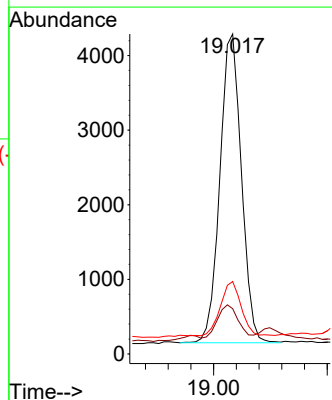
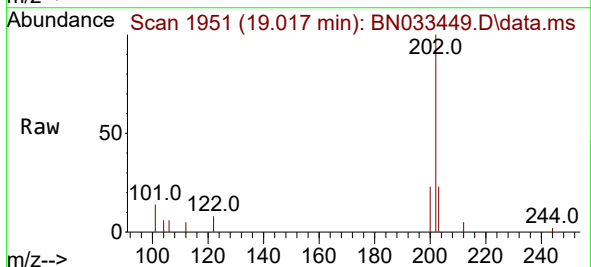
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324-FD

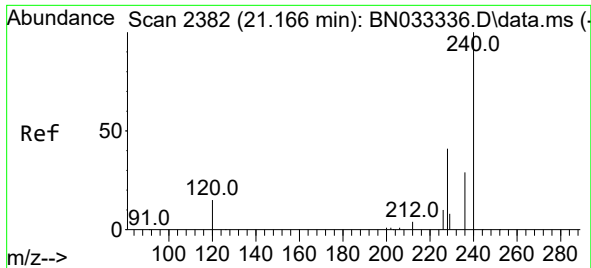
Tgt Ion:212 Resp: 17558
Ion Ratio Lower Upper
212 100
106 15.5 12.8 19.2
104 9.2 7.1 10.7



#28
Fluoranthene
Concen: 0.075 ng
RT: 19.017 min Scan# 1951
Delta R.T. -0.005 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:202 Resp: 5445
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.6
203 17.2 13.8 20.6

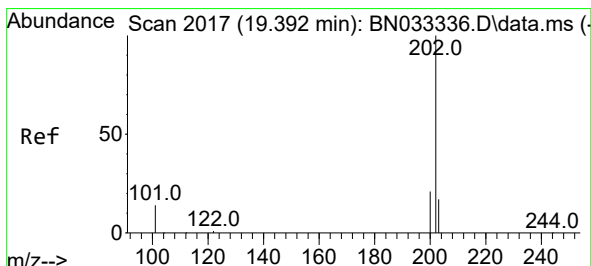
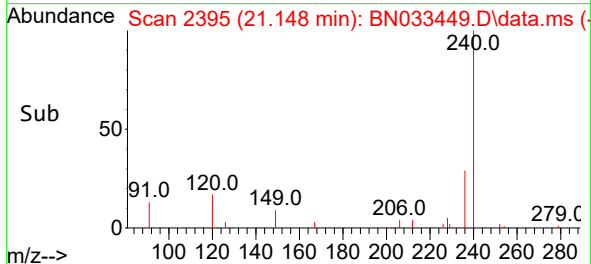
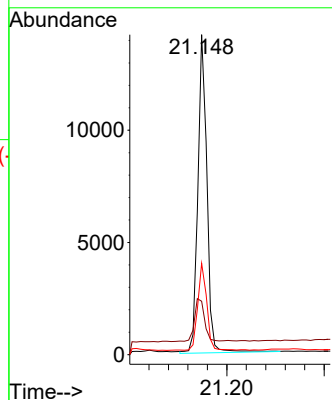
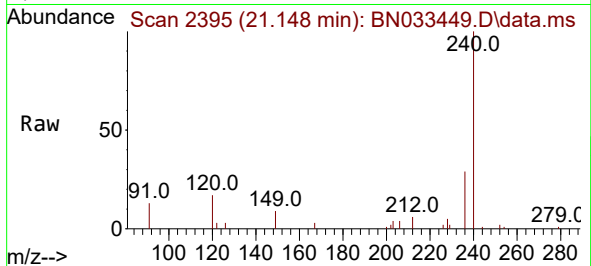




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.148 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

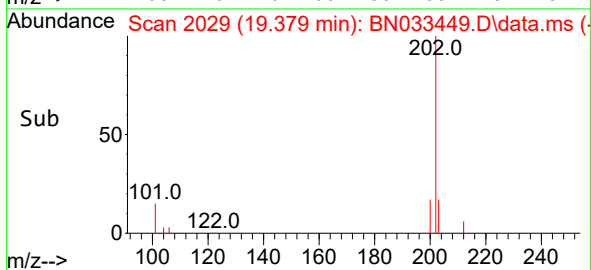
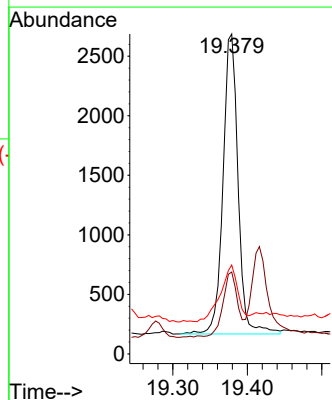
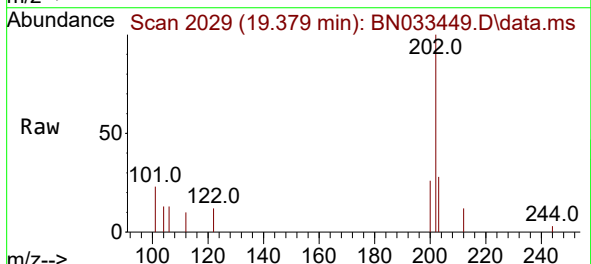
Instrument :
BNA_N
ClientSampleId :
918-J-WPO-0.25-081324-FD

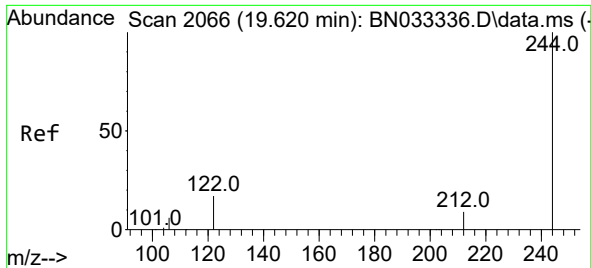
Tgt Ion:240 Resp: 18311
Ion Ratio Lower Upper
240 100
120 16.7 13.0 19.6
236 28.6 23.2 34.8



#30
Pyrene
Concen: 0.049 ng
RT: 19.379 min Scan# 2029
Delta R.T. -0.005 min
Lab File: BN033449.D
Acq: 17 Aug 2024 03:01

Tgt Ion:202 Resp: 3545
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 21.9 14.2 21.4#

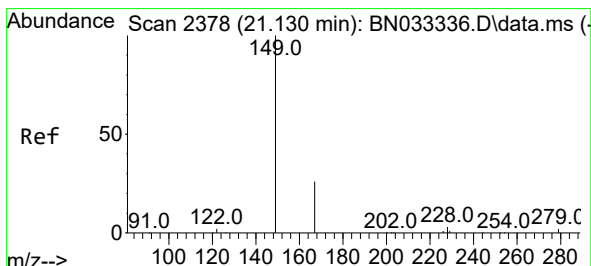
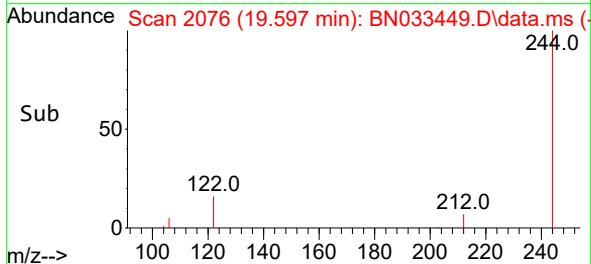
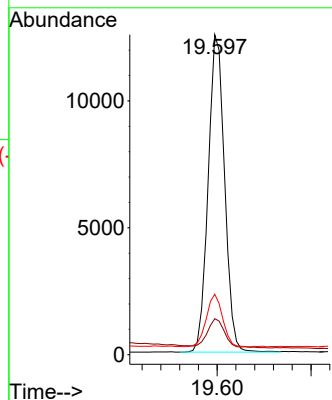
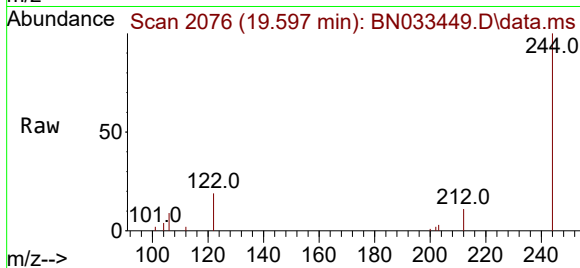




#31
 Terphenyl-d14
 Concen: 0.440 ng
 RT: 19.597 min Scan# 2066
 Delta R.T. -0.009 min
 Lab File: BN033449.D
 Acq: 17 Aug 2024 03:01

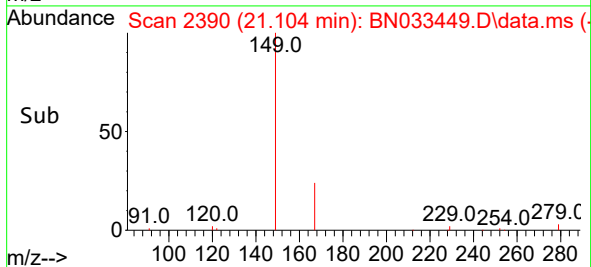
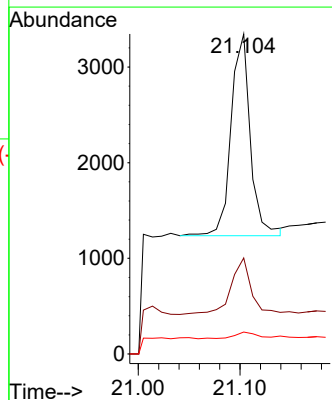
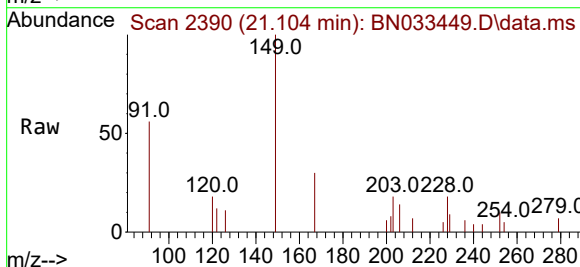
Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324-FD

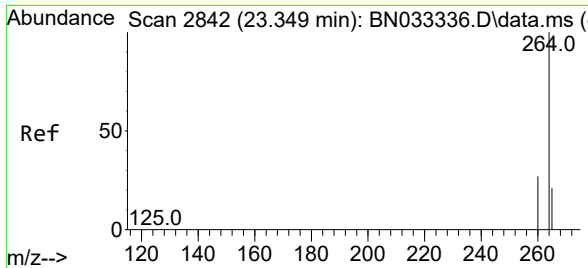
Tgt Ion:244 Resp: 15209
 Ion Ratio Lower Upper
 244 100
 212 11.3 7.7 11.5
 122 18.9 14.0 21.0



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.104 min Scan# 2390
 Delta R.T. -0.009 min
 Lab File: BN033449.D
 Acq: 17 Aug 2024 03:01

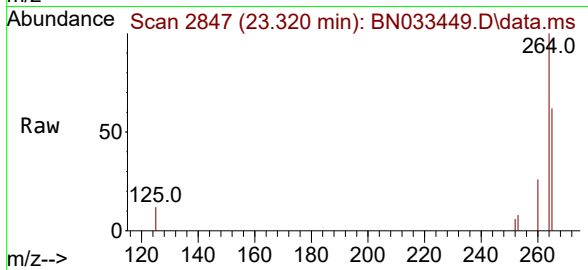
Tgt Ion:149 Resp: 2775
 Ion Ratio Lower Upper
 149 100
 167 30.4 20.9 31.3
 279 3.5 2.2 3.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.320 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BN033449.D
 Acq: 17 Aug 2024 03:01

Instrument :
 BNA_N
 ClientSampleId :
 918-J-WPO-0.25-081324-FD



Tgt Ion:264 Resp: 18743
 Ion Ratio Lower Upper
 264 100
 260 26.1 21.6 32.4
 265 62.1 29.3 43.9#

