

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033547.D
 Acq On : 22 Aug 2024 11:41
 Operator : MA/JU
 Sample : P3623-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240814RE

Quant Time: Aug 22 12:25:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 23:32:18 2024
 Response via : Initial Calibration

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

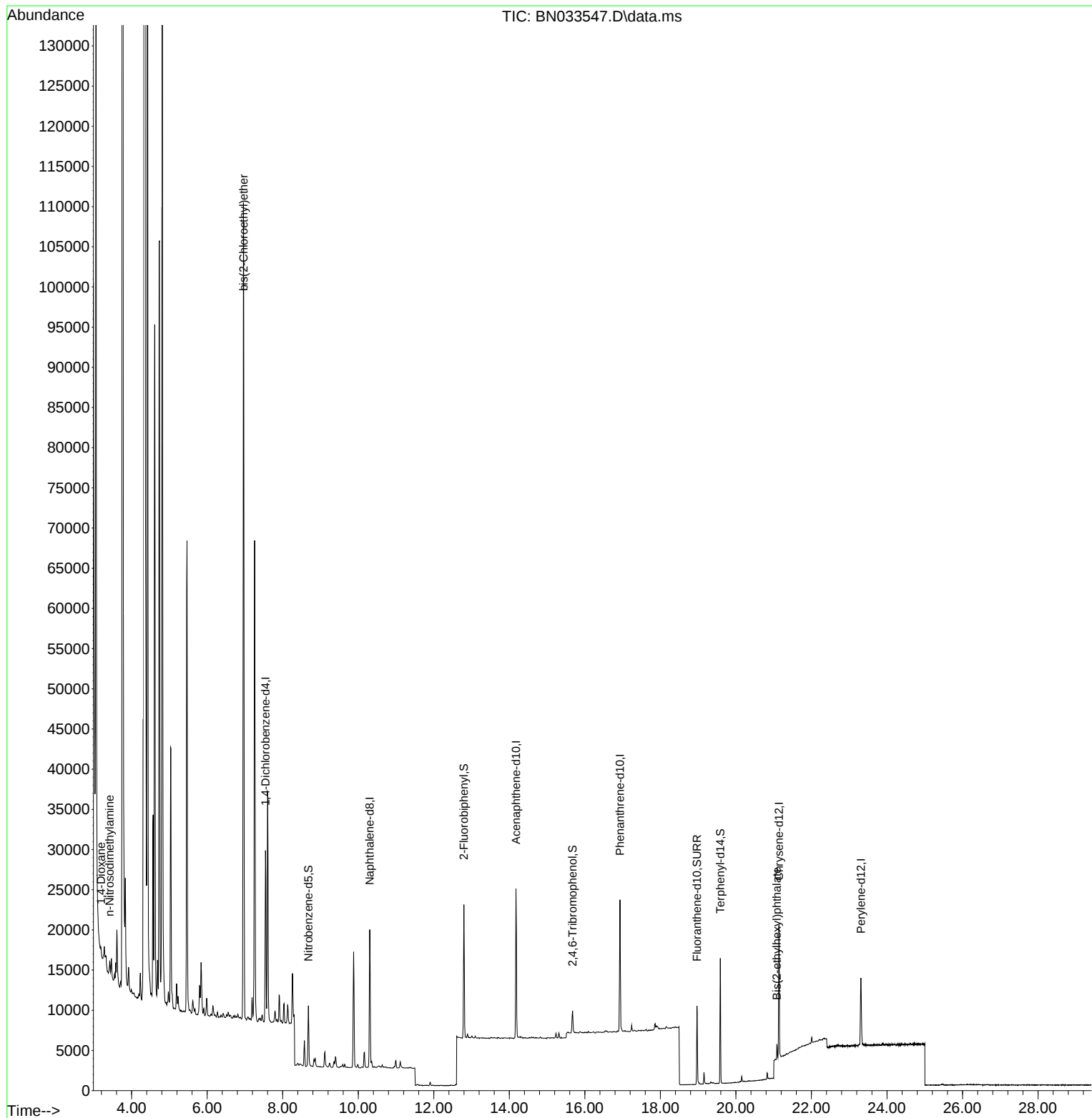
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8536	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	21759	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	10198	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	20015	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	14208	0.400	ng	0.00
35) Perylene-d12	23.311	264	10594	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	228	0.008	ng	0.00
5) Phenol-d6	6.736	99	63	0.002	ng	0.00
8) Nitrobenzene-d5	8.681	82	5648	0.313	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	587	0.019	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	1371	0.250	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	13462	0.323	ng	-0.01
27) Fluoranthene-d10	18.970	212	10301	0.214	ng	-0.01
31) Terphenyl-d14	19.588	244	13699	0.424	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.190	88	387	0.039	ng	# 41
3) n-Nitrosodimethylamine	3.421	42	1789	0.157	ng	# 1
6) bis(2-Chloroethyl)ether	6.967	93	65250	2.851	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.085	149	9027	0.278	ng	# 64

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

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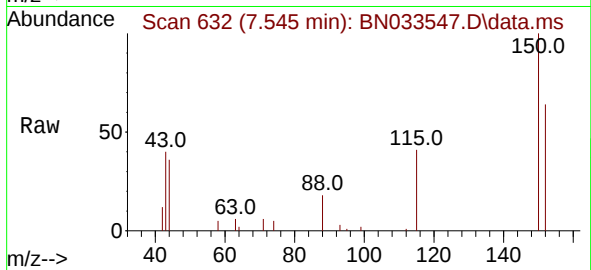
Quant Time: Aug 22 12:25:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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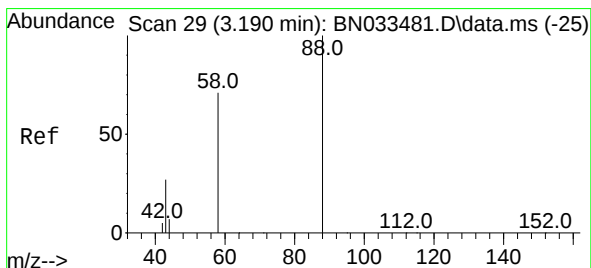
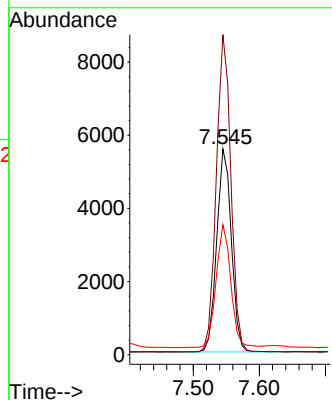
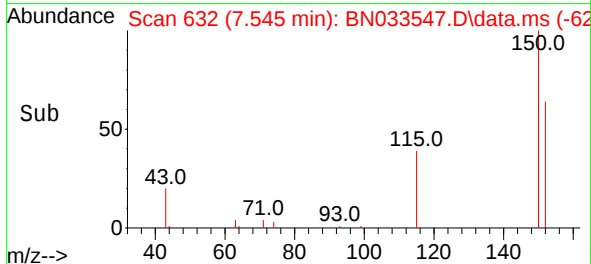


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.545 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN033547.D
 Acq: 22 Aug 2024 11:41

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-7-HYD-20240814RE

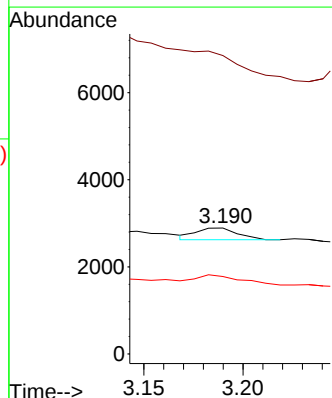
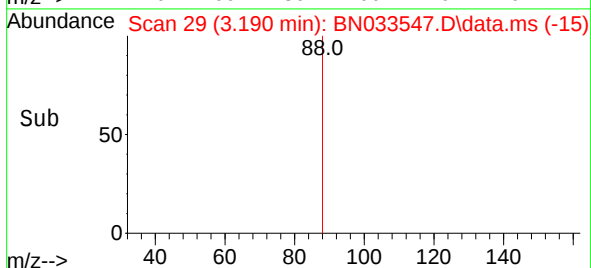
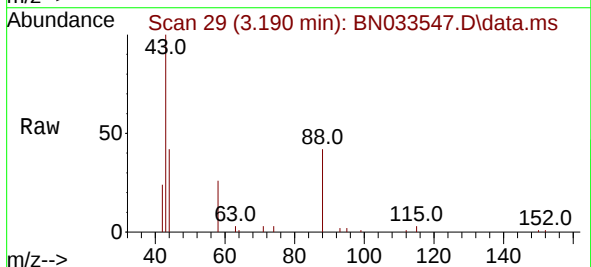


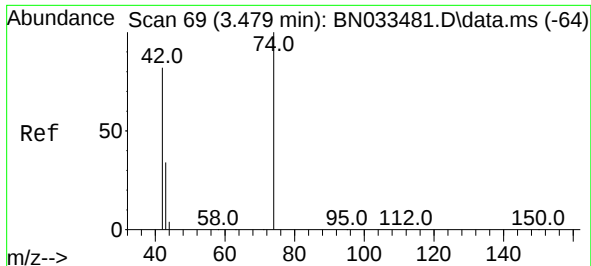
Tgt Ion:152 Resp: 8536
 Ion Ratio Lower Upper
 152 100
 150 155.5 122.2 183.2
 115 63.1 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.039 ng
 RT: 3.190 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: BN033547.D
 Acq: 22 Aug 2024 11:41

Tgt Ion: 88 Resp: 387
 Ion Ratio Lower Upper
 88 100
 43 0.0 25.0 37.4#
 58 130.7 62.5 93.7#

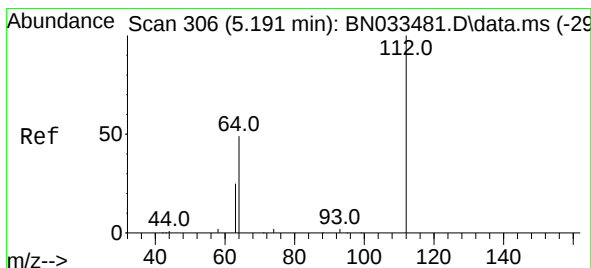
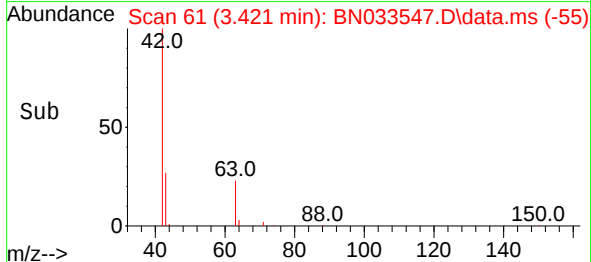
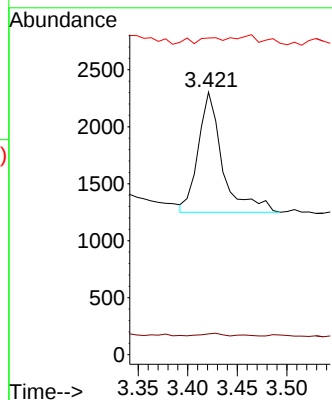
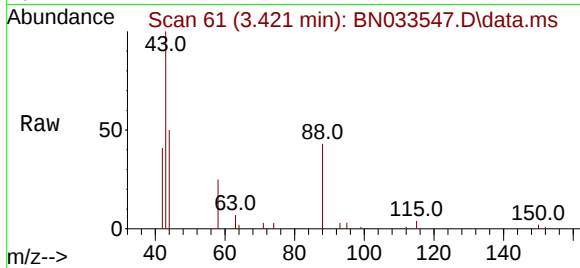




#3
n-Nitrosodimethylamine
Concen: 0.157 ng
RT: 3.421 min Scan# 61
Delta R.T. -0.058 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

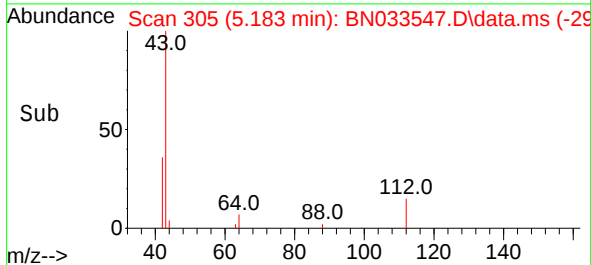
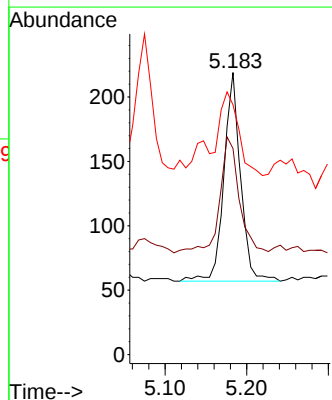
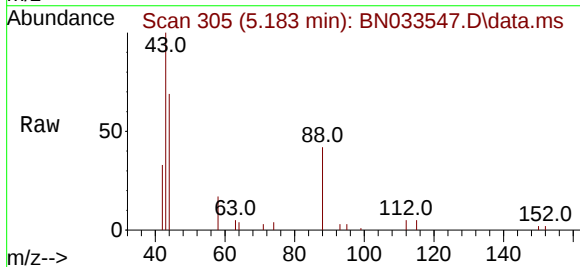
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BNA_N
ClientSampleId :
BPOW6-7-HYD-20240814RE

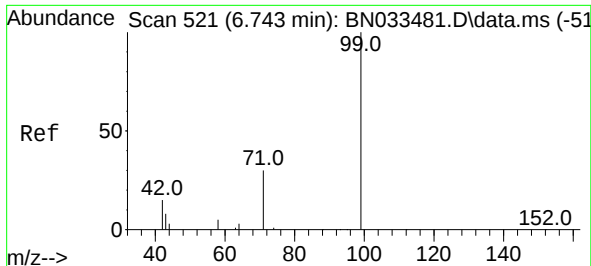
Tgt Ion: 42 Resp: 1789
Ion Ratio Lower Upper
42 100
74 1.8 100.2 150.2#
44 4.5 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.008 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion: 112 Resp: 228
Ion Ratio Lower Upper
112 100
64 64.9 47.1 70.7
63 46.9 24.9 37.3#

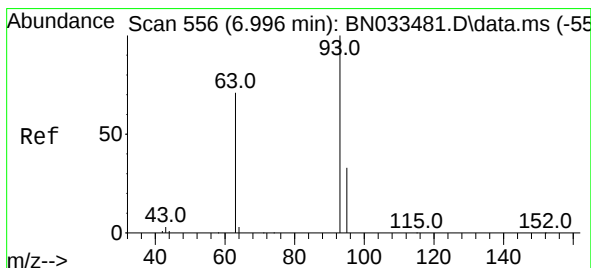
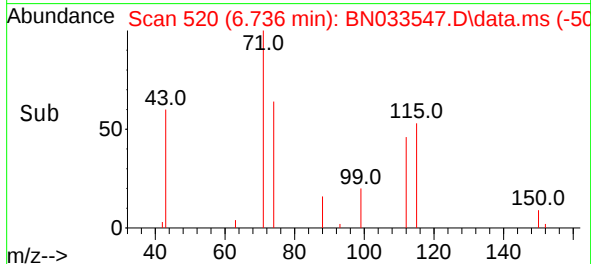
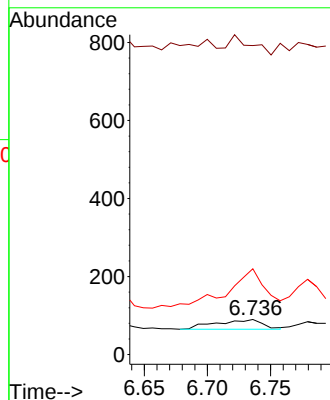
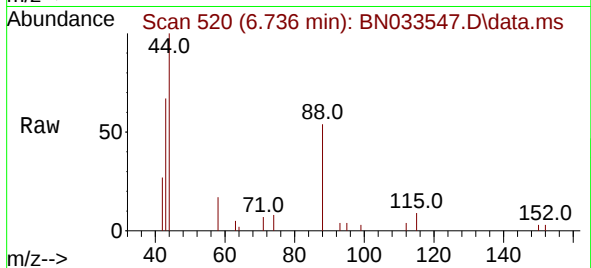




#5
Phenol-d6
Concen: 0.002 ng
RT: 6.736 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

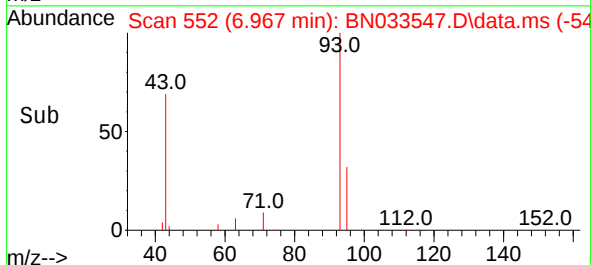
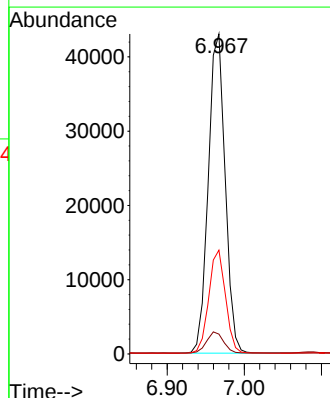
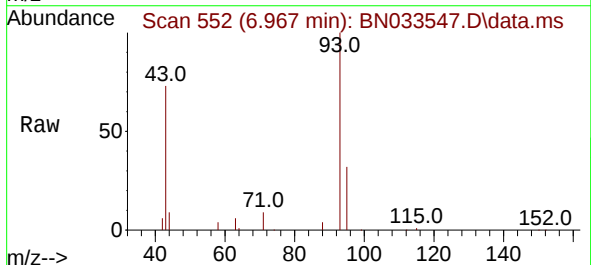
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240814RE

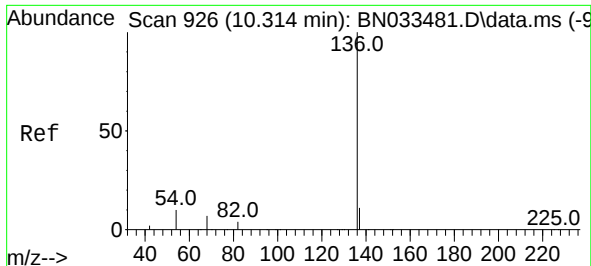
Tgt Ion: 99 Resp: 63
Ion Ratio Lower Upper
99 100
42 100.0 16.6 24.8#
71 338.1 26.2 39.4#



#6
bis(2-Chloroethyl)ether
Concen: 2.851 ng
RT: 6.967 min Scan# 552
Delta R.T. -0.029 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion: 93 Resp: 65250
Ion Ratio Lower Upper
93 100
63 6.7 63.0 94.4#
95 31.9 26.0 39.0

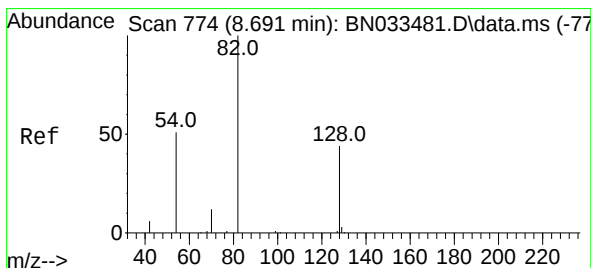
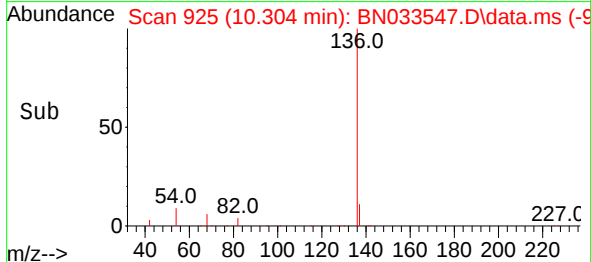
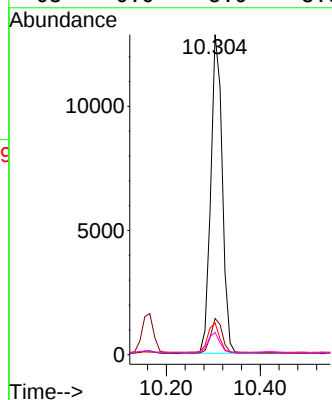
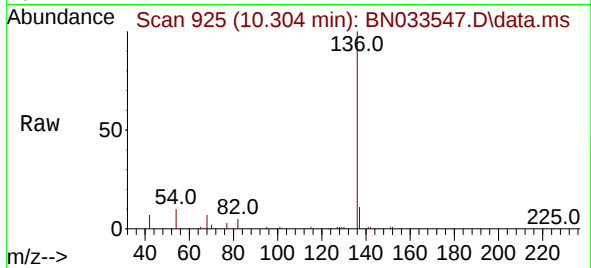




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

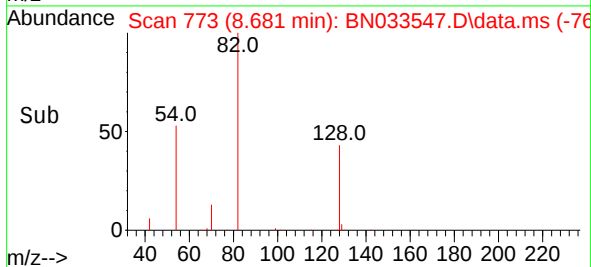
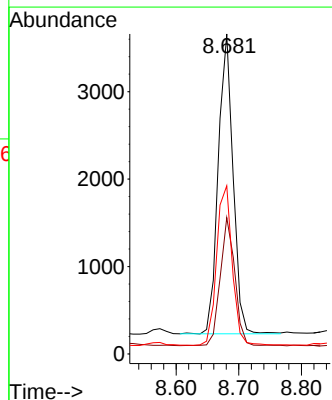
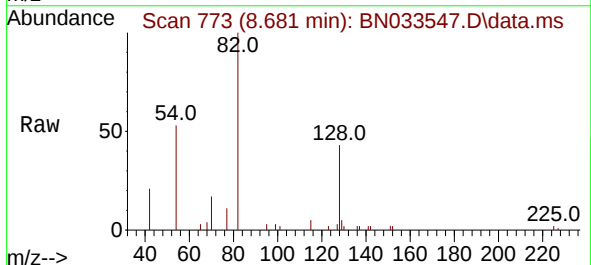
Instrument :
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ClientSampleId :
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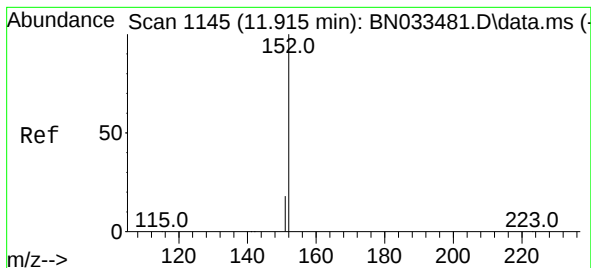
Tgt Ion:	136	Resp:	21759
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.0	13.6
54	9.9	8.3	12.5
68	6.9	5.9	8.9



#8
Nitrobenzene-d5
Concen: 0.313 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion:	82	Resp:	5648
Ion Ratio	Lower	Upper	
82	100		
128	42.6	36.0	54.0
54	52.5	42.0	63.0

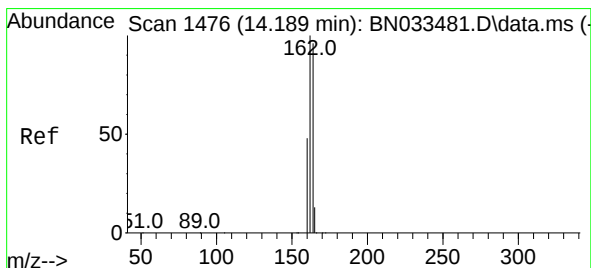
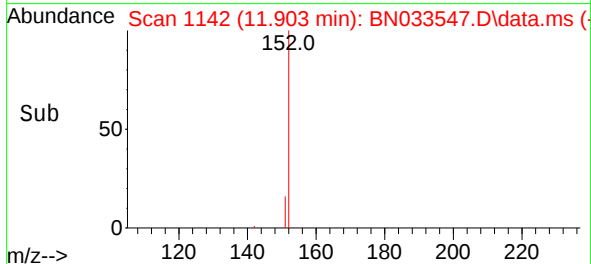
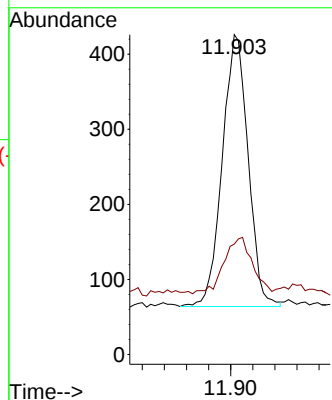
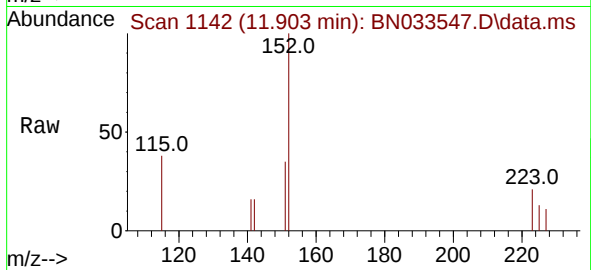




#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 11.903 min Scan# 1142
Delta R.T. -0.011 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

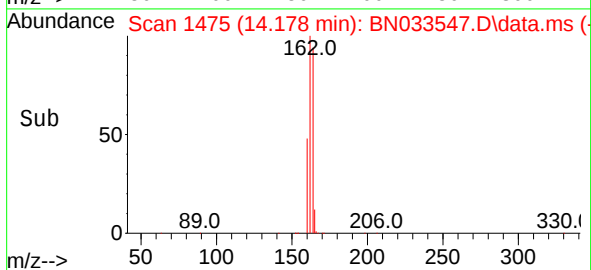
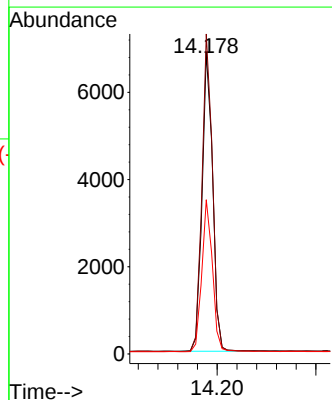
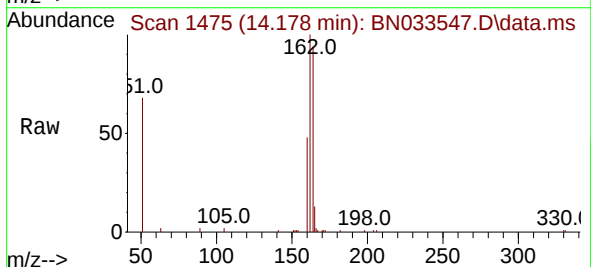
Instrument :
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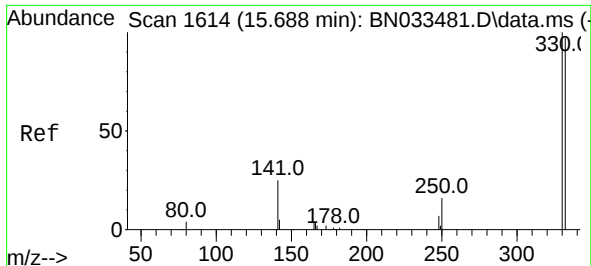
Tgt Ion:152 Resp: 587
Ion Ratio Lower Upper
152 100
151 23.5 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion:164 Resp: 10198
Ion Ratio Lower Upper
164 100
162 106.3 83.5 125.3
160 51.2 40.2 60.4

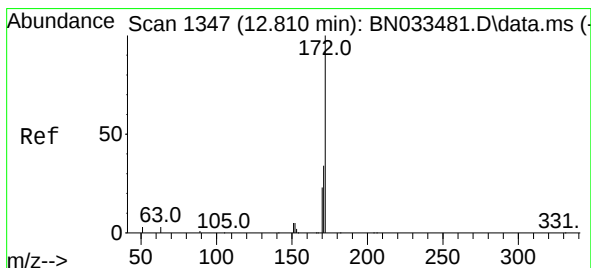
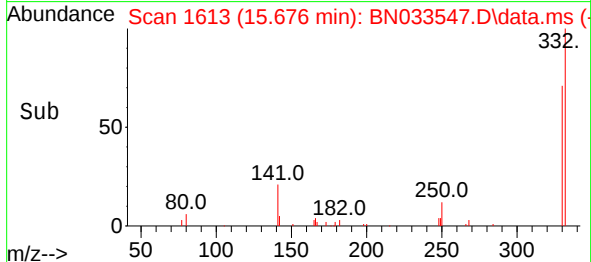
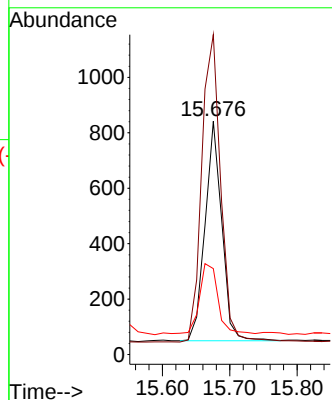
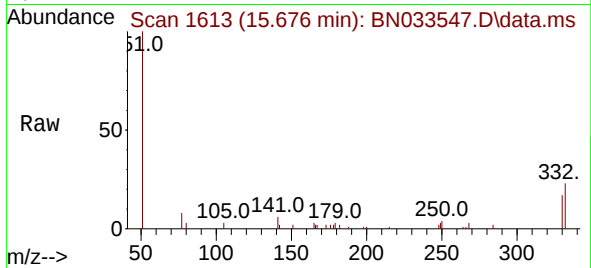




#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.676 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

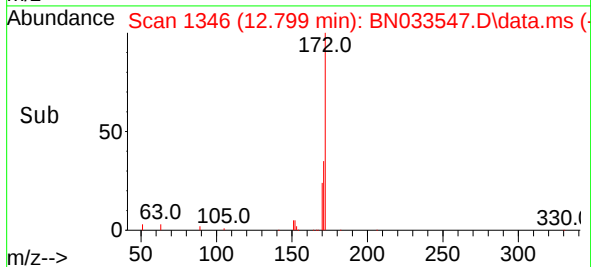
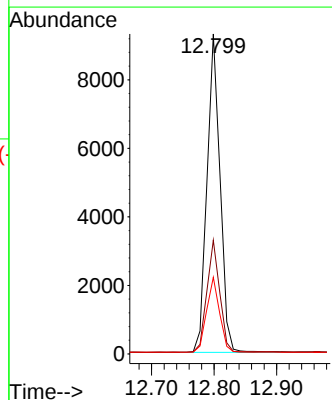
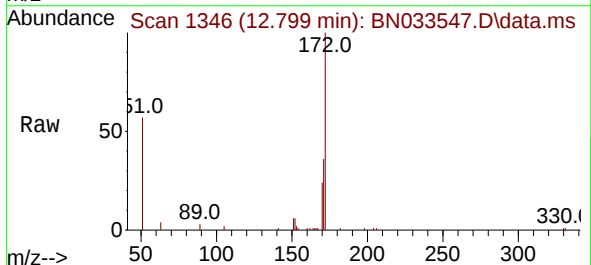
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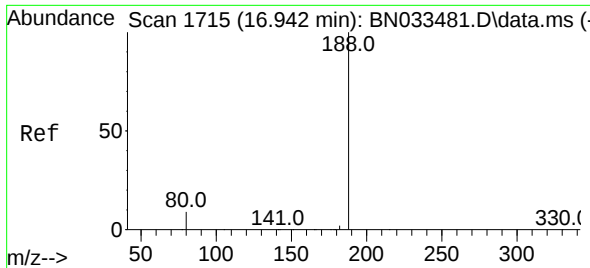
Tgt Ion:330 Resp: 1371
Ion Ratio Lower Upper
330 100
332 157.8 77.5 116.3#
141 34.1 33.9 50.9



#15
2-Fluorobiphenyl
Concen: 0.323 ng
RT: 12.799 min Scan# 1346
Delta R.T. -0.011 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion:172 Resp: 13462
Ion Ratio Lower Upper
172 100
171 35.5 27.7 41.5
170 24.0 18.3 27.5

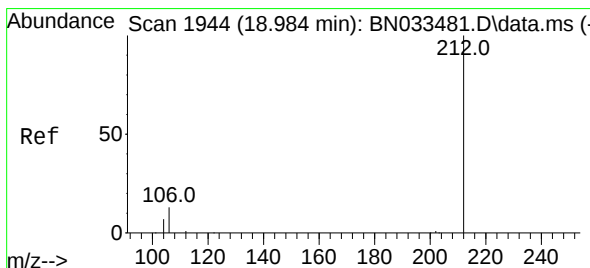
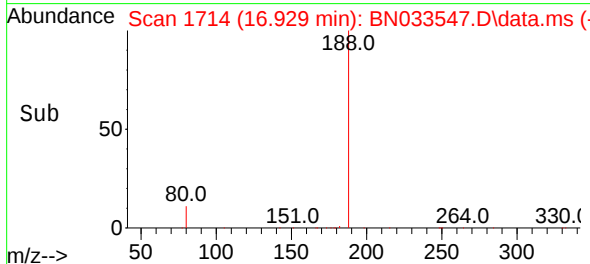
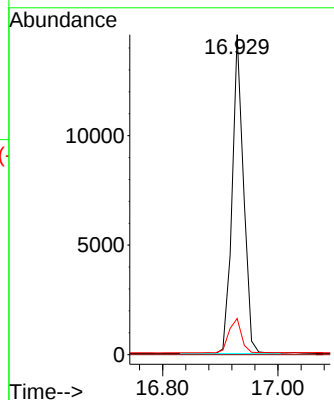
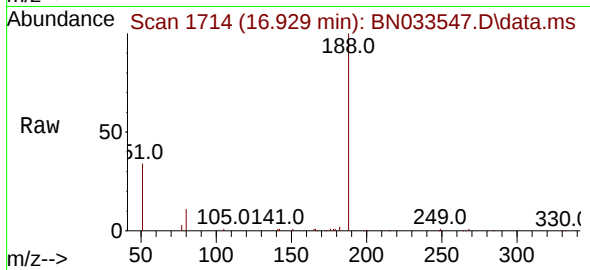




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.929 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

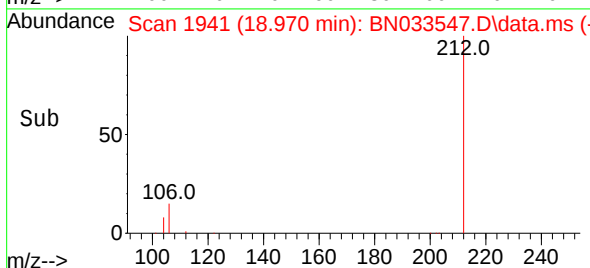
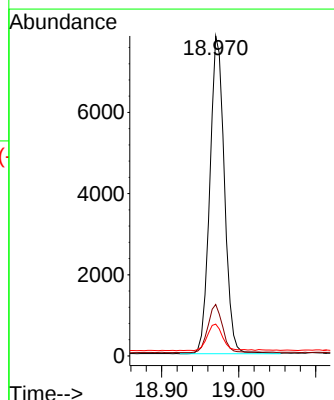
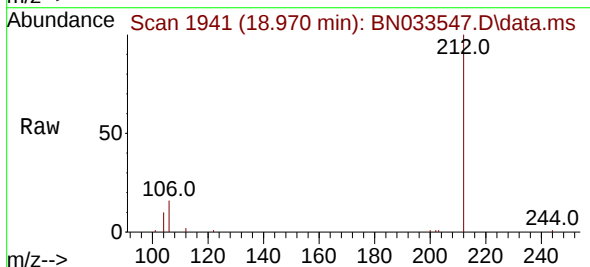
Instrument :
BNA_N
ClientSampleId :
BPOW6-7-HYD-20240814RE

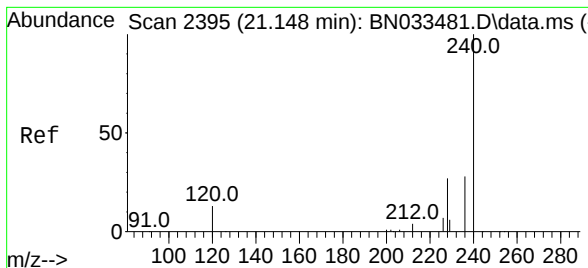
Tgt Ion:188 Resp: 20015
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 7.8 11.8



#27
Fluoranthene-d10
Concen: 0.214 ng
RT: 18.970 min Scan# 1941
Delta R.T. -0.014 min
Lab File: BN033547.D
Acq: 22 Aug 2024 11:41

Tgt Ion:212 Resp: 10301
Ion Ratio Lower Upper
212 100
106 15.2 12.3 18.5
104 9.0 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033547.D

Acq: 22 Aug 2024 11:41

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240814RE

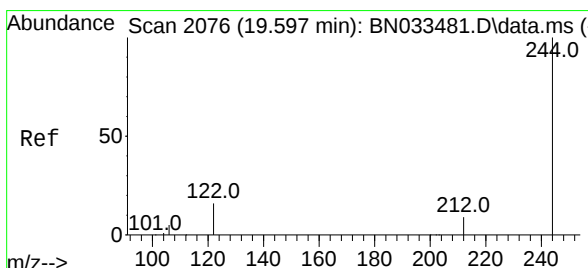
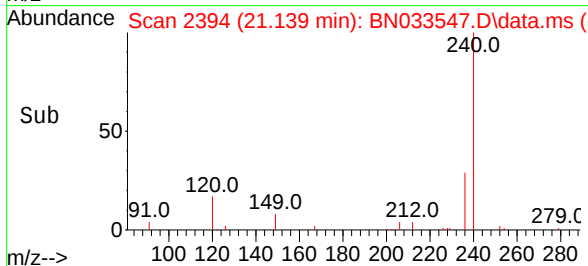
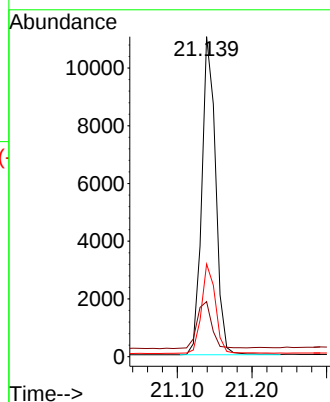
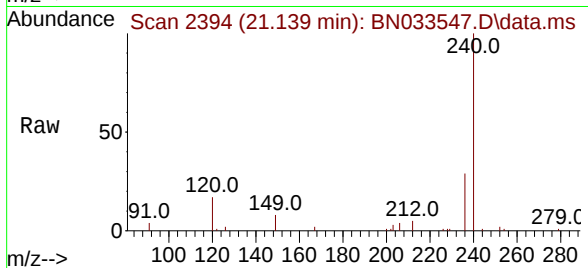
Tgt Ion:240 Resp: 14208

Ion Ratio Lower Upper

240 100

120 17.2 12.4 18.6

236 28.9 23.0 34.6



#31

Terphenyl-d14

Concen: 0.424 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033547.D

Acq: 22 Aug 2024 11:41

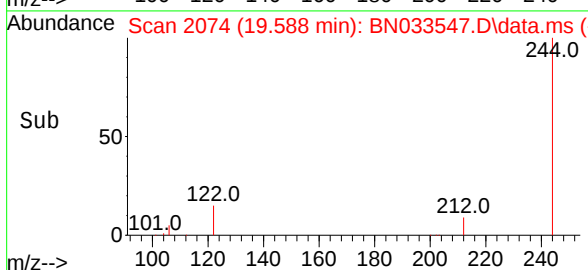
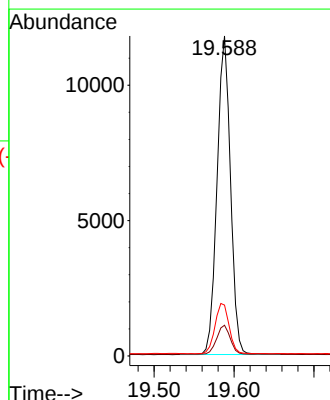
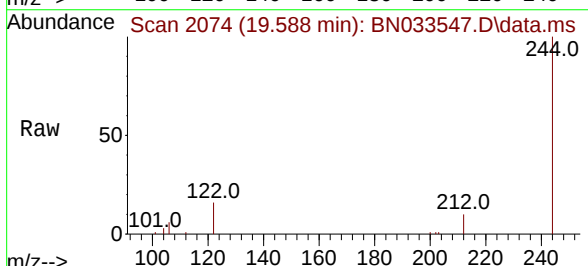
Tgt Ion:244 Resp: 13699

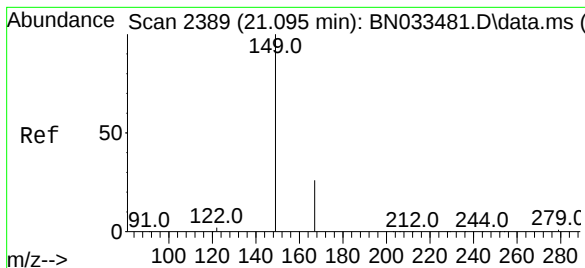
Ion Ratio Lower Upper

244 100

212 9.6 7.8 11.6

122 15.9 13.3 19.9





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.278 ng

RT: 21.085 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN033547.D

Acq: 22 Aug 2024 11:41

Instrument :

BNA_N

ClientSampleId :

BPOW6-7-HYD-20240814RE

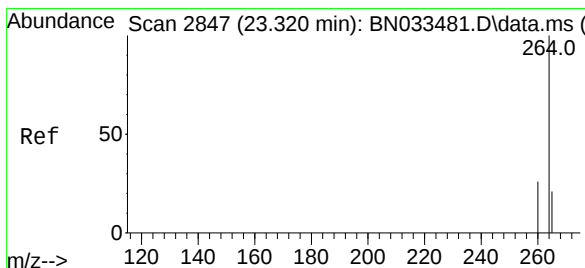
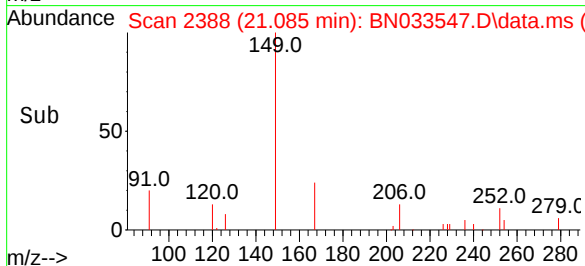
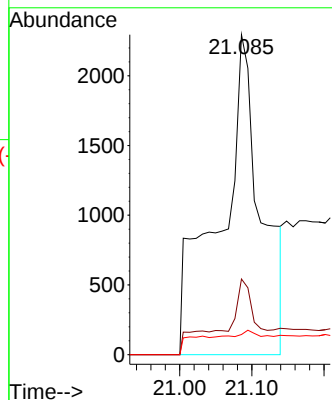
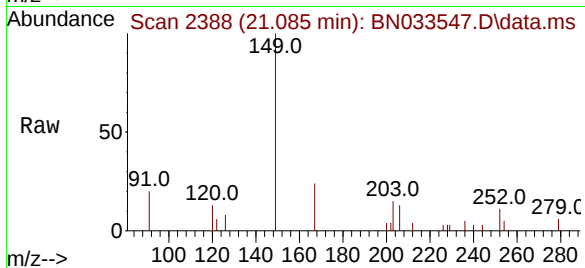
Tgt Ion:149 Resp: 9027

Ion Ratio Lower Upper

149 100

167 6.4 21.5 32.3#

279 1.5 2.2 3.2#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.311 min Scan# 2844

Delta R.T. -0.009 min

Lab File: BN033547.D

Acq: 22 Aug 2024 11:41

Tgt Ion:264 Resp: 10594

Ion Ratio Lower Upper

264 100

260 26.1 20.8 31.2

265 81.2 52.2 78.2#

