

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
 Data File : BN033546.D
 Acq On : 22 Aug 2024 11:04
 Operator : MA/JU
 Sample : P3623-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240813RE

Quant Time: Aug 22 11:40:34 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)

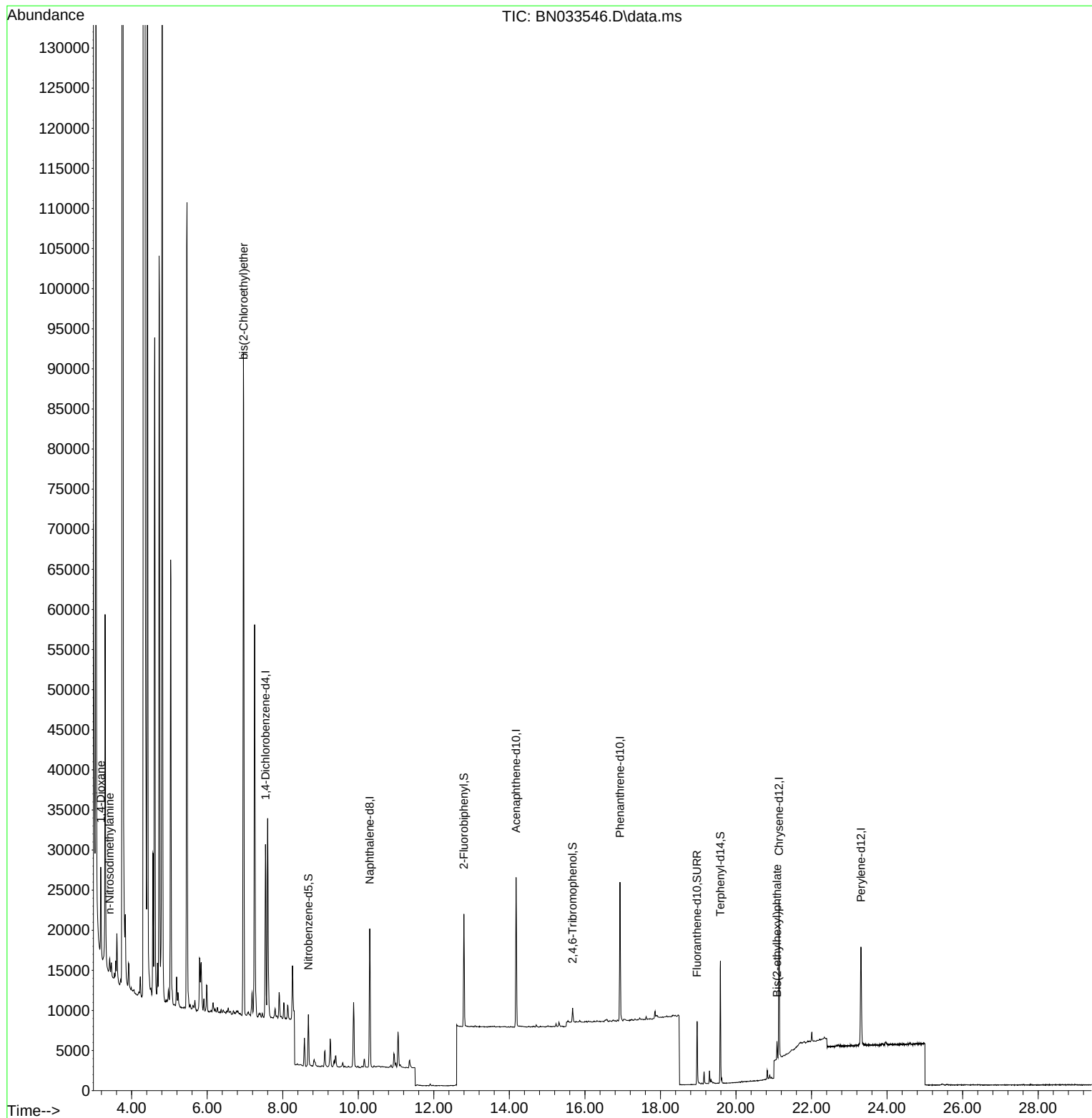
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	8800	0.400	ng	-0.01
7) Naphthalene-d8	10.304	136	22287	0.400	ng	-0.01
13) Acenaphthene-d10	14.178	164	10476	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	21227	0.400	ng	-0.01
29) Chrysene-d12	21.139	240	16322	0.400	ng	0.00
35) Perylene-d12	23.309	264	15551	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	308	0.011	ng	0.00
5) Phenol-d6	6.700	99	49	0.001	ng	-0.04
8) Nitrobenzene-d5	8.681	82	4840	0.262	ng	-0.01
11) 2-Methylnaphthalene-d10	11.903	152	323	0.010	ng	-0.01
14) 2,4,6-Tribromophenol	15.676	330	886	0.157	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	11405	0.267	ng	-0.01
27) Fluoranthene-d10	18.970	212	8375	0.164	ng	-0.01
31) Terphenyl-d14	19.588	244	13483	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	6520	0.644	ng	# 89
3) n-Nitrosodimethylamine	3.421	42	1684	0.143	ng	# 1
6) bis(2-Chloroethyl)ether	6.967	93	53032	2.248	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.086	149	8710	0.233	ng	# 87

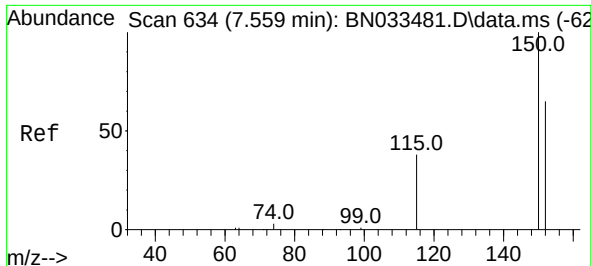
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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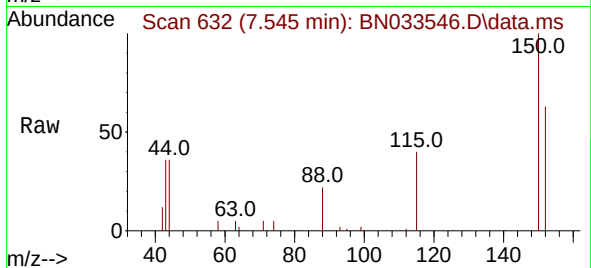
Quant Time: Aug 22 11:40:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
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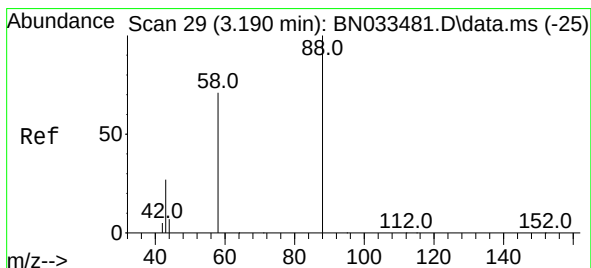
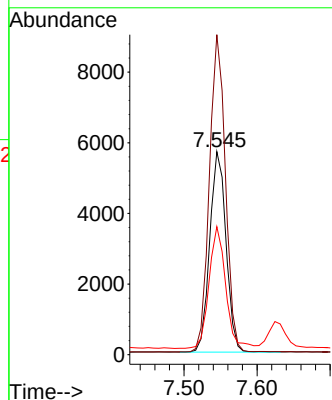
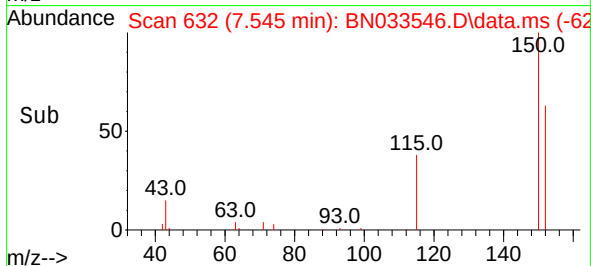


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.545 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN033546.D
 Acq: 22 Aug 2024 11:04

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240813RE

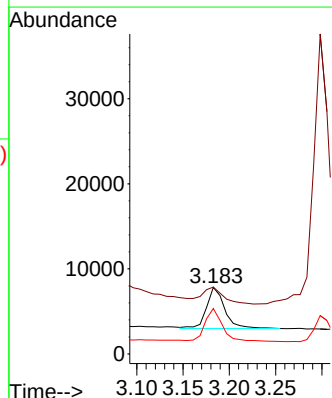
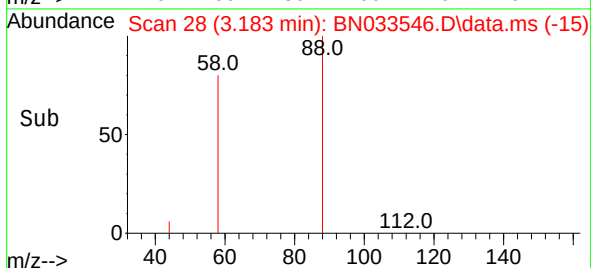
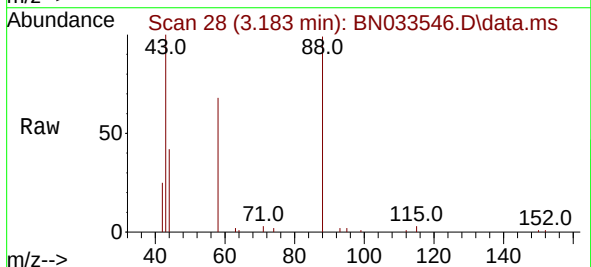


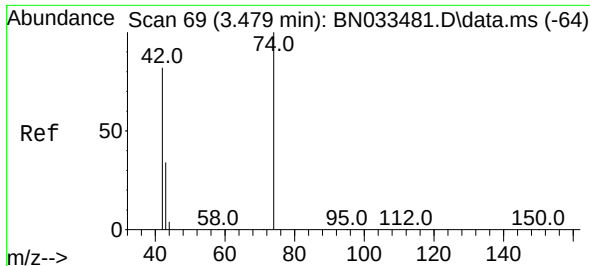
Tgt Ion:152 Resp: 8800
 Ion Ratio Lower Upper
 152 100
 150 157.6 122.2 183.2
 115 63.0 47.2 70.8



#2
 1,4-Dioxane
 Concen: 0.644 ng
 RT: 3.183 min Scan# 28
 Delta R.T. -0.007 min
 Lab File: BN033546.D
 Acq: 22 Aug 2024 11:04

Tgt Ion: 88 Resp: 6520
 Ion Ratio Lower Upper
 88 100
 43 51.5 25.0 37.4#
 58 77.1 62.5 93.7

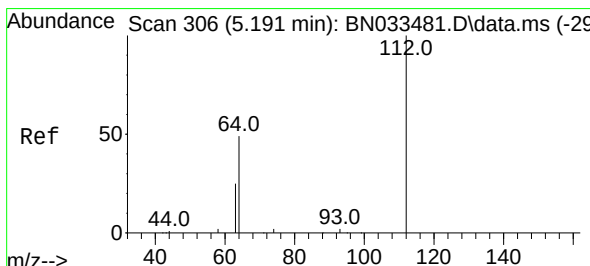
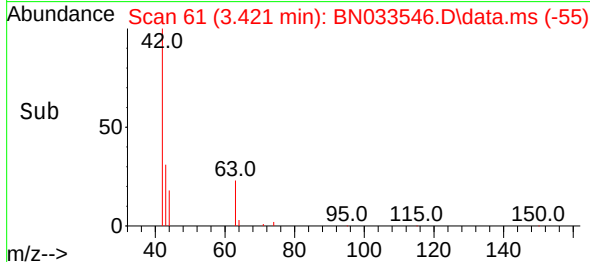
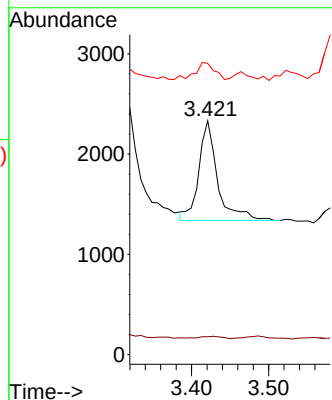
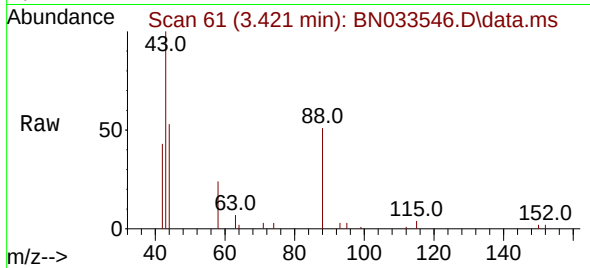




#3
n-Nitrosodimethylamine
Concen: 0.143 ng
RT: 3.421 min Scan# 61
Delta R.T. -0.058 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

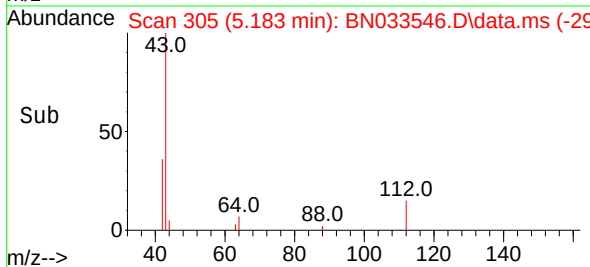
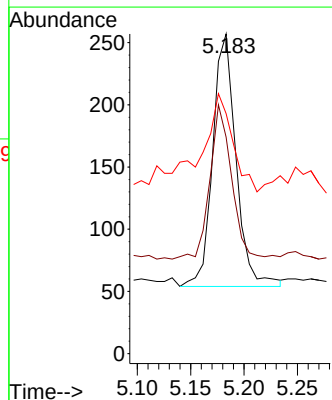
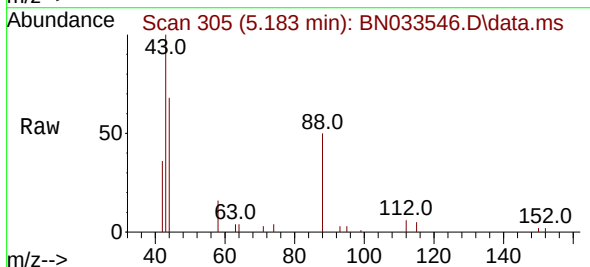
Instrument :
BNA_N
ClientSampleId :
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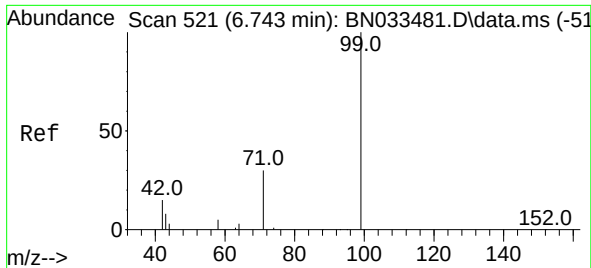
Tgt Ion: 42 Resp: 1684
Ion Ratio Lower Upper
42 100
74 2.7 100.2 150.2#
44 15.6 5.3 7.9#



#4
2-Fluorophenol
Concen: 0.011 ng
RT: 5.183 min Scan# 305
Delta R.T. -0.007 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

Tgt Ion: 112 Resp: 308
Ion Ratio Lower Upper
112 100
64 56.5 47.1 70.7
63 57.1 24.9 37.3#

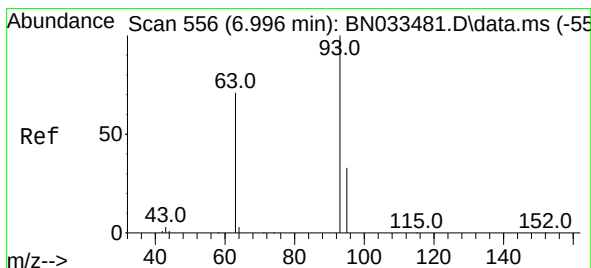
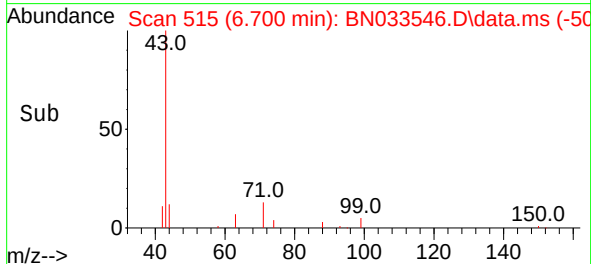
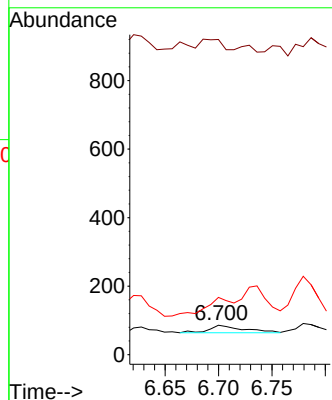
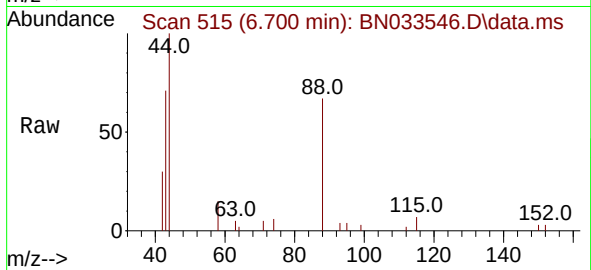




#5
Phenol-d6
Concen: 0.001 ng
RT: 6.700 min Scan# 51
Delta R.T. -0.043 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

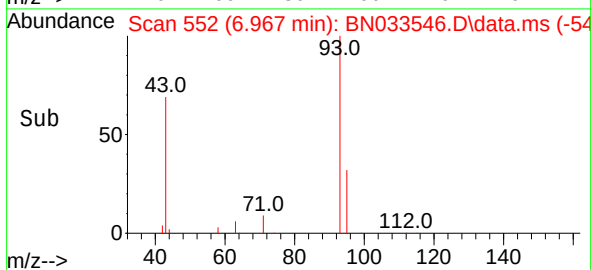
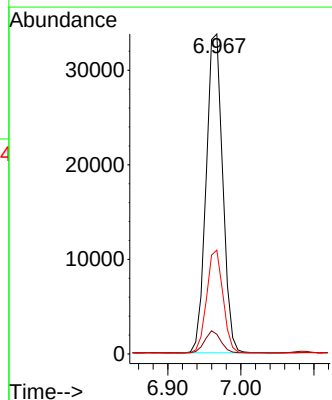
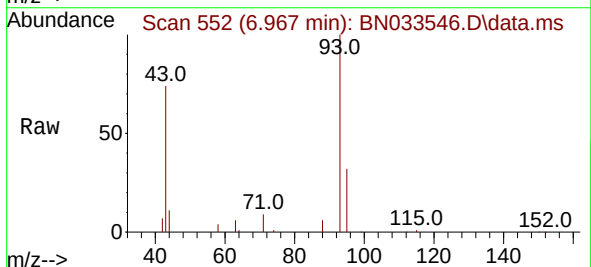
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813RE

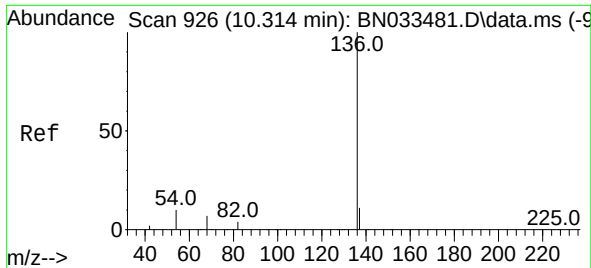
Tgt Ion: 99 Resp: 49
Ion Ratio Lower Upper
99 100
42 79.6 16.6 24.8#
71 189.8 26.2 39.4#



#6
bis(2-Chloroethyl)ether
Concen: 2.248 ng
RT: 6.967 min Scan# 552
Delta R.T. -0.029 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

Tgt Ion: 93 Resp: 53032
Ion Ratio Lower Upper
93 100
63 6.7 63.0 94.4#
95 31.8 26.0 39.0

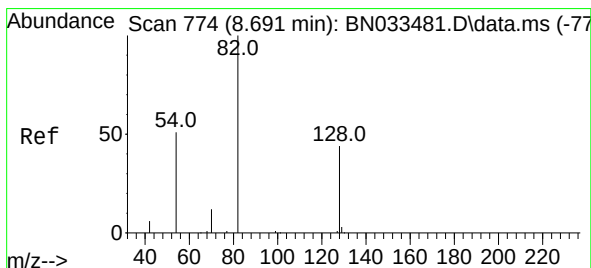
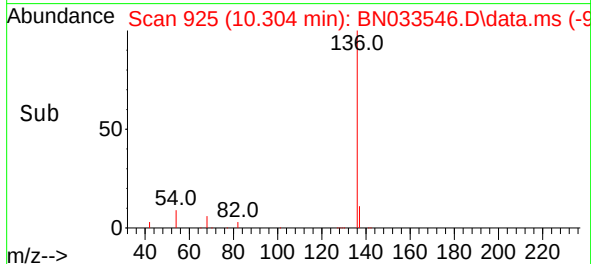
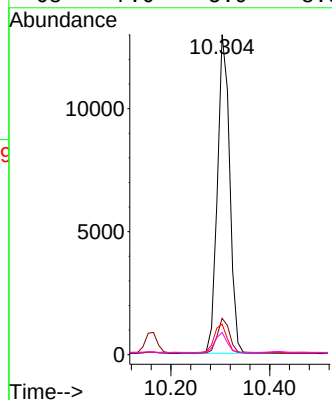
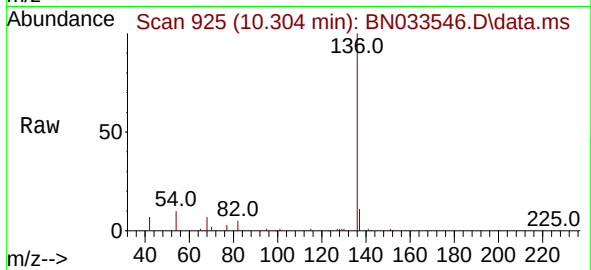




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.304 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

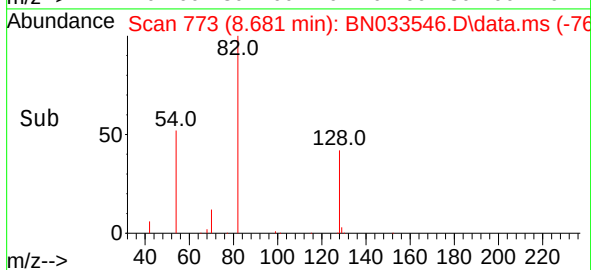
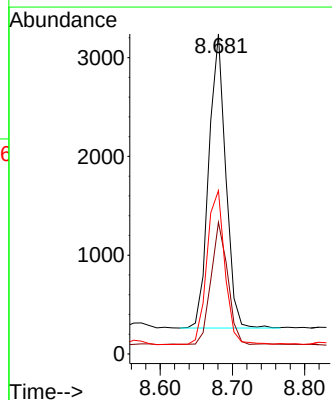
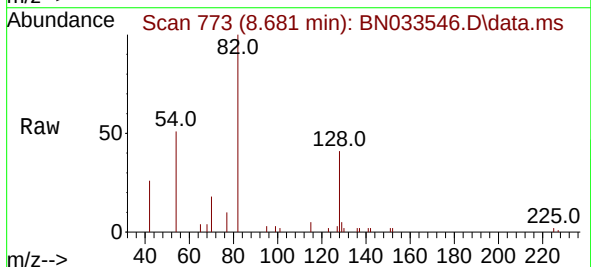
Instrument :
BNA_N
ClientSampleId :
TT189D2-HYD-20240813RE

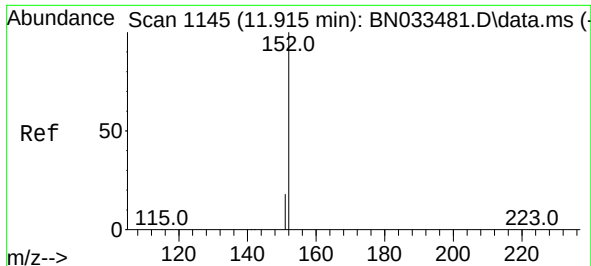
Tgt Ion:136	Resp:	22287
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.0 13.6
54	9.6	8.3 12.5
68	7.0	5.9 8.9



#8
Nitrobenzene-d5
Concen: 0.262 ng
RT: 8.681 min Scan# 773
Delta R.T. -0.011 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

Tgt Ion: 82	Resp:	4840
Ion Ratio	Lower	Upper
82	100	
128	41.2	36.0 54.0
54	51.1	42.0 63.0

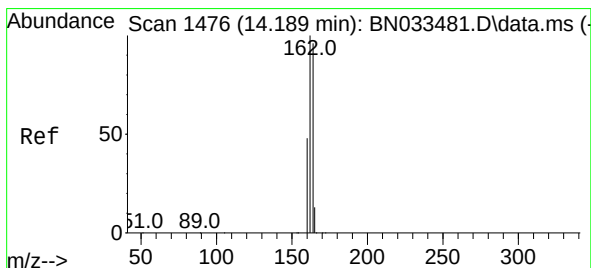
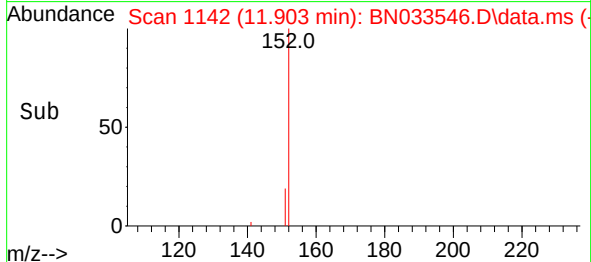
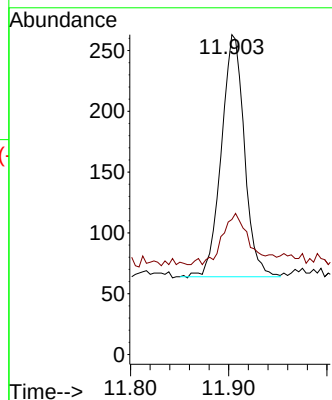
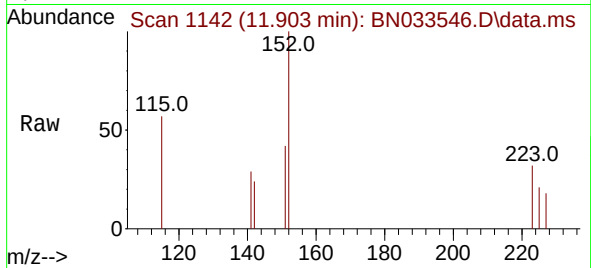




#11
2-Methylnaphthalene-d10
Concen: 0.010 ng
RT: 11.903 min Scan# 1145
Delta R.T. -0.011 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

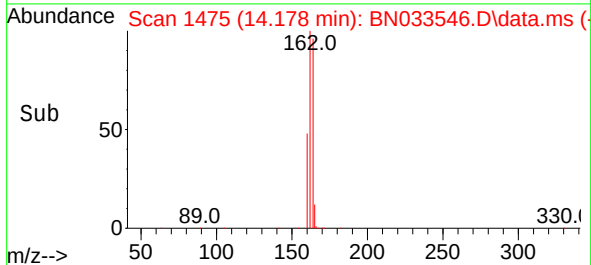
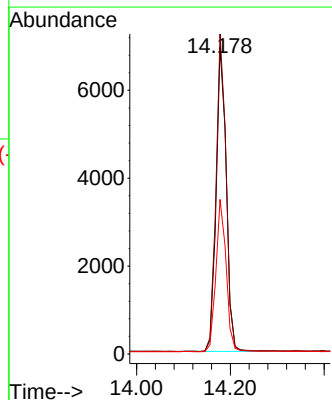
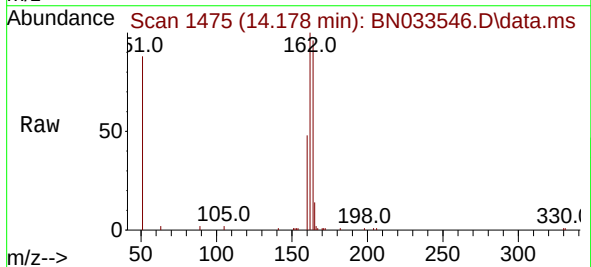
Instrument :
BNA_N
ClientSampleId :
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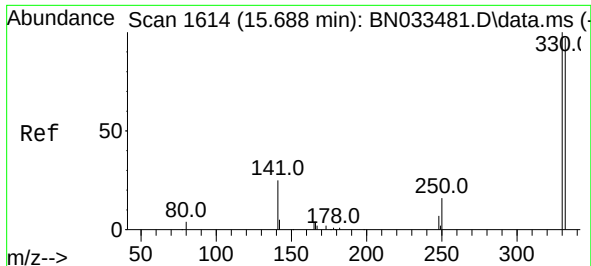
Tgt Ion:152 Resp: 323
Ion Ratio Lower Upper
152 100
151 23.2 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.178 min Scan# 1475
Delta R.T. -0.011 min
Lab File: BN033546.D
Acq: 22 Aug 2024 11:04

Tgt Ion:164 Resp: 10476
Ion Ratio Lower Upper
164 100
162 104.1 83.5 125.3
160 50.3 40.2 60.4





#14

2,4,6-Tribromophenol

Concen: 0.157 ng

RT: 15.676 min Scan# 1

Delta R.T. -0.013 min

Lab File: BN033546.D

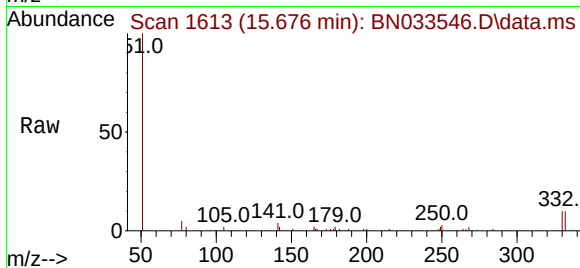
Acq: 22 Aug 2024 11:04

Instrument :

BNA_N

ClientSampleId :

TT189D2-HYD-20240813RE



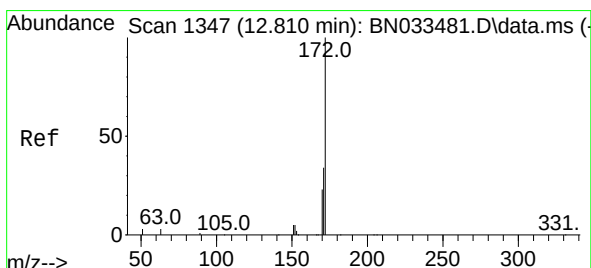
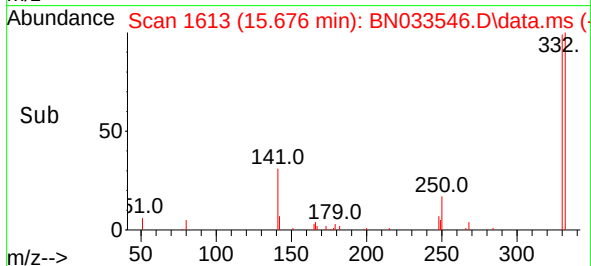
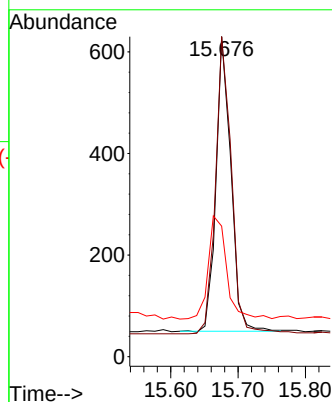
Tgt Ion:330 Resp: 886

Ion Ratio Lower Upper

330 100

332 108.1 77.5 116.3

141 43.3 33.9 50.9



#15

2-Fluorobiphenyl

Concen: 0.267 ng

RT: 12.799 min Scan# 1346

Delta R.T. -0.011 min

Lab File: BN033546.D

Acq: 22 Aug 2024 11:04

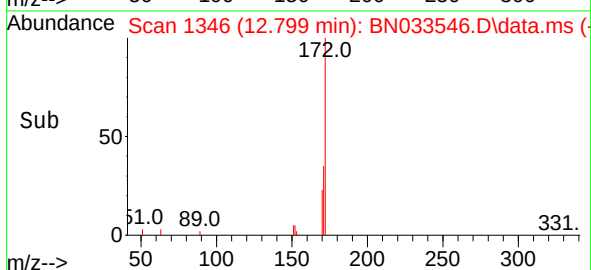
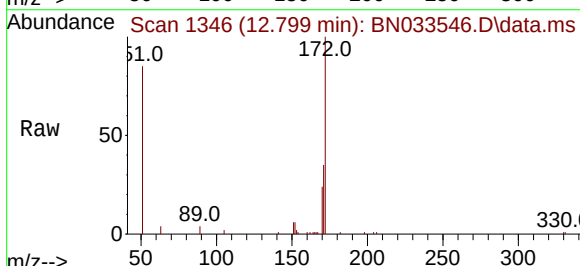
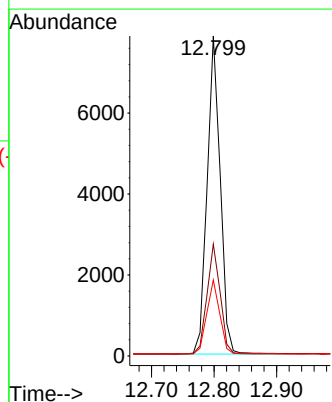
Tgt Ion:172 Resp: 11405

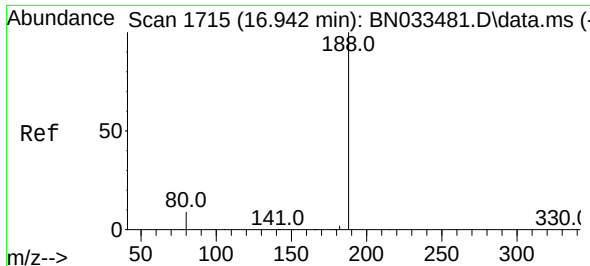
Ion Ratio Lower Upper

172 100

171 35.0 27.7 41.5

170 23.8 18.3 27.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.929 min Scan# 11

Delta R.T. -0.012 min

Lab File: BN033546.D

Acq: 22 Aug 2024 11:04

Instrument :

BNA_N

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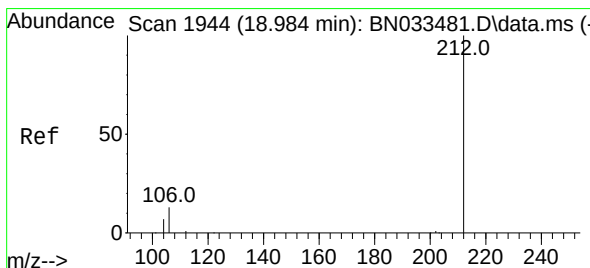
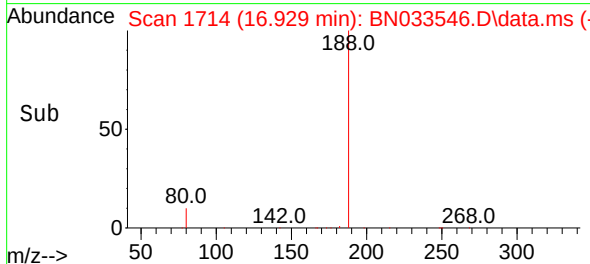
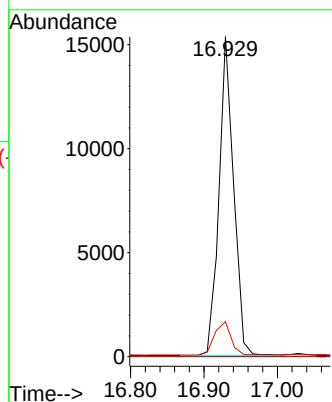
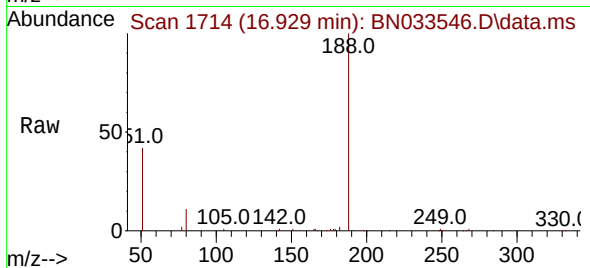
Tgt Ion:188 Resp: 21227

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.9 7.8 11.8



#27

Fluoranthene-d10

Concen: 0.164 ng

RT: 18.970 min Scan# 1941

Delta R.T. -0.014 min

Lab File: BN033546.D

Acq: 22 Aug 2024 11:04

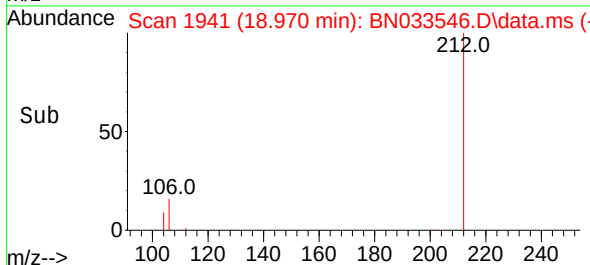
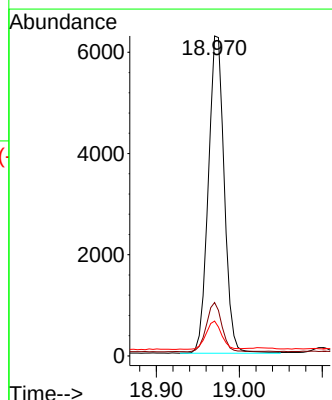
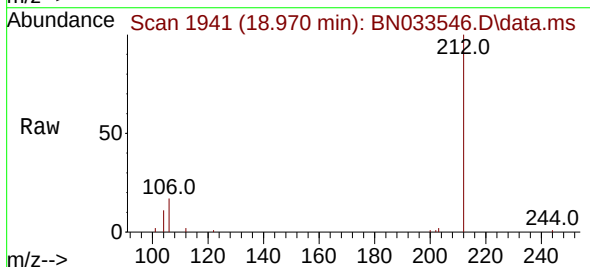
Tgt Ion:212 Resp: 8375

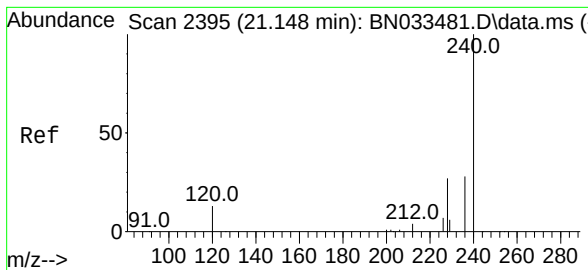
Ion Ratio Lower Upper

212 100

106 15.1 12.3 18.5

104 8.8 7.0 10.4





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.139 min Scan# 24

Delta R.T. -0.009 min

Lab File: BN033546.D

Acq: 22 Aug 2024 11:04

Instrument :

BNA_N

ClientSampleId :

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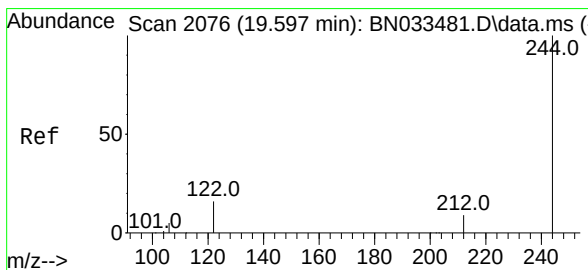
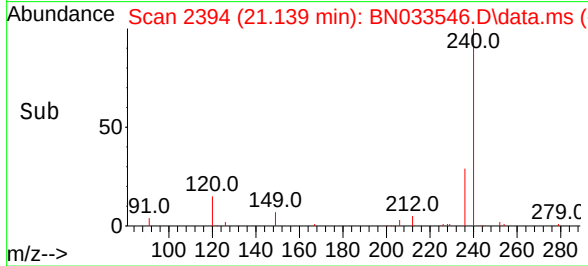
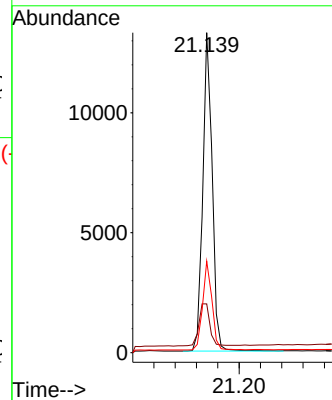
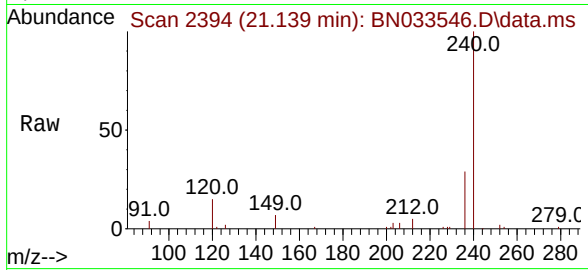
Tgt Ion:240 Resp: 16322

Ion Ratio Lower Upper

240 100

120 15.2 12.4 18.6

236 28.6 23.0 34.6



#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.588 min Scan# 2074

Delta R.T. -0.009 min

Lab File: BN033546.D

Acq: 22 Aug 2024 11:04

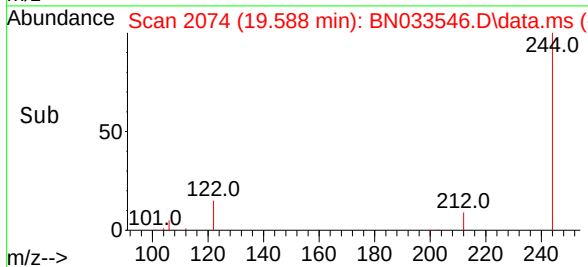
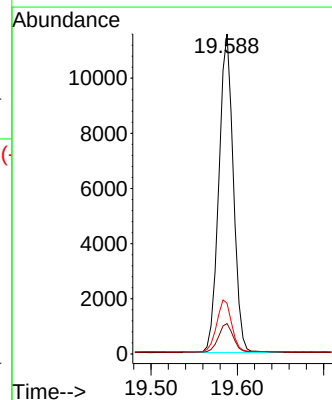
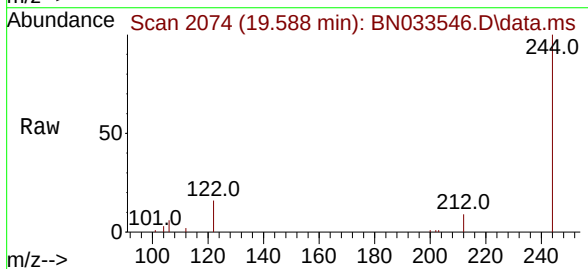
Tgt Ion:244 Resp: 13483

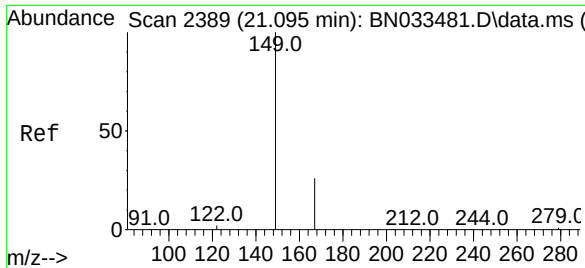
Ion Ratio Lower Upper

244 100

212 9.5 7.8 11.6

122 15.8 13.3 19.9

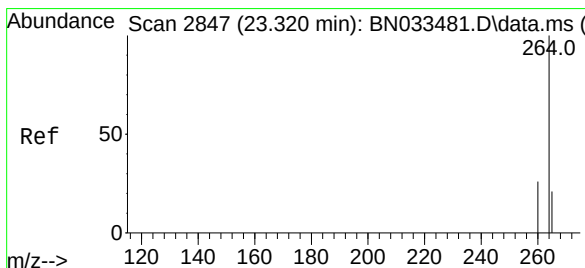
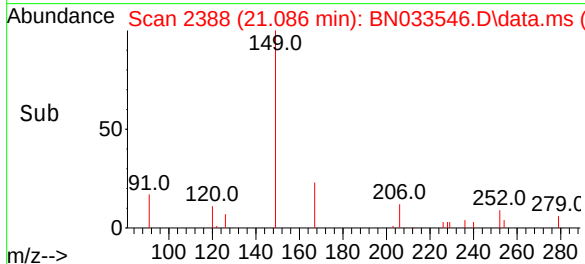
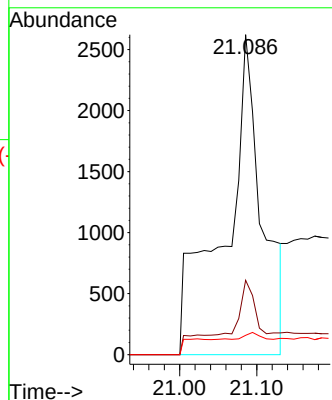
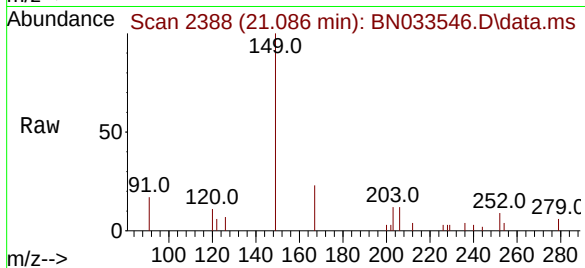




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.233 ng
 RT: 21.086 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN033546.D
 Acq: 22 Aug 2024 11:04

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-HYD-20240813RE

Tgt Ion:149 Resp: 8710
 Ion Ratio Lower Upper
 149 100
 167 19.4 21.5 32.3#
 279 1.8 2.2 3.2#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.309 min Scan# 2843
 Delta R.T. -0.012 min
 Lab File: BN033546.D
 Acq: 22 Aug 2024 11:04

Tgt Ion:264 Resp: 15551
 Ion Ratio Lower Upper
 264 100
 260 27.1 20.8 31.2
 265 62.3 52.2 78.2

