

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034503.D
 Acq On : 09 Oct 2024 14:24
 Operator : RC/JU
 Sample : P4226-26
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20240927

Quant Time: Oct 09 14:54:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

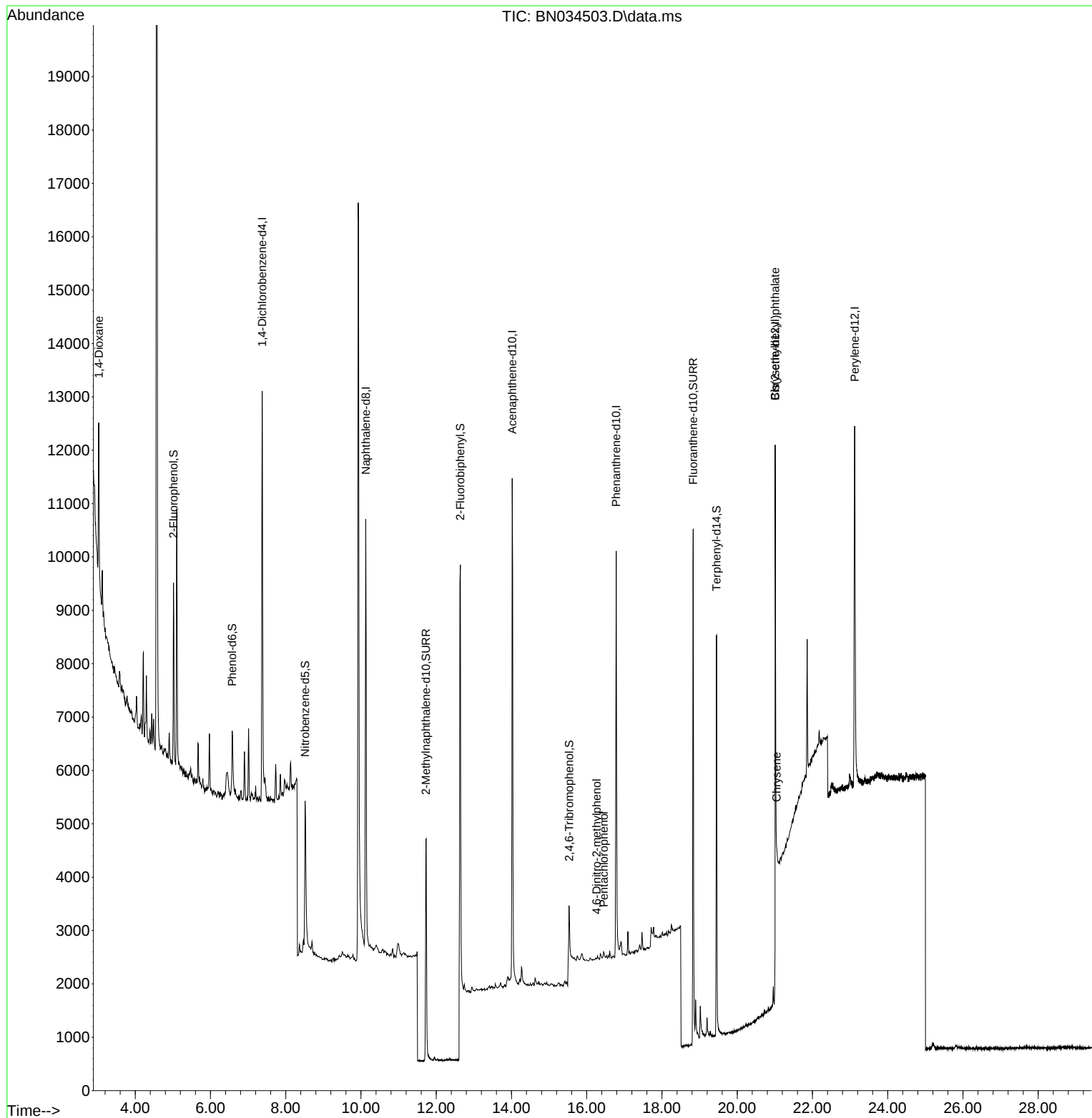
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4005	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11093	0.400	ng	#-0.02
13) Acenaphthene-d10	14.019	164	5955	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	10581	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	7024	0.400	ng	0.00
35) Perylene-d12	23.122	264	9244	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	2588	0.228	ng	-0.01
5) Phenol-d6	6.578	99	1628	0.123	ng	-0.02
8) Nitrobenzene-d5	8.514	82	3099	0.365	ng	-0.02
11) 2-Methylnaphthalene-d10	11.727	152	6432	0.393	ng	-0.03
14) 2,4,6-Tribromophenol	15.530	330	751	0.278	ng	-0.02
15) 2-Fluorobiphenyl	12.640	172	8220	0.339	ng	-0.02
27) Fluoranthene-d10	18.829	212	11402	0.427	ng	-0.02
31) Terphenyl-d14	19.452	244	7853	0.560	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	2008	0.401	ng	# 63
20) 4,6-Dinitro-2-methylph...	16.262	198	5	0.140	ng	# 1
24) Pentachlorophenol	16.448	266	71	0.032	ng	92
33) Chrysene	21.044	228	549	0.021	ng	# 20
34) Bis(2-ethylhexyl)phtha...	21.008	149	1360	0.147	ng	# 92

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

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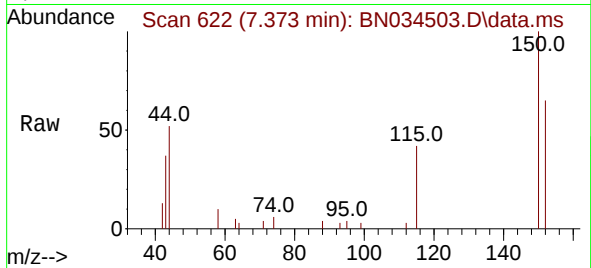
Quant Time: Oct 09 14:54:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
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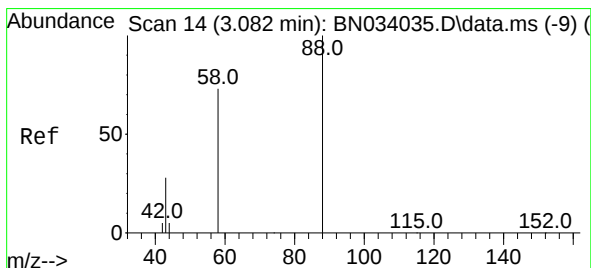
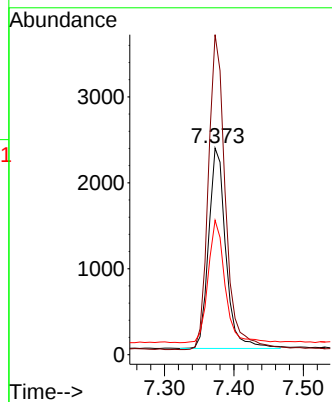
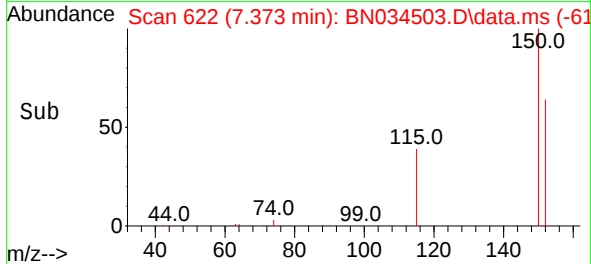


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

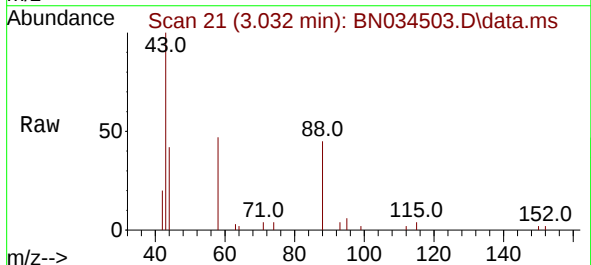
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927



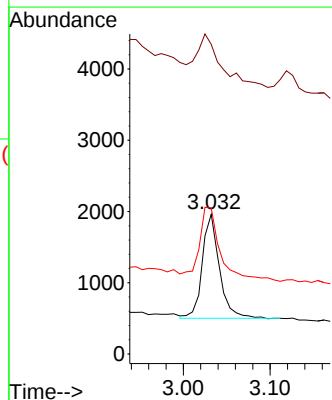
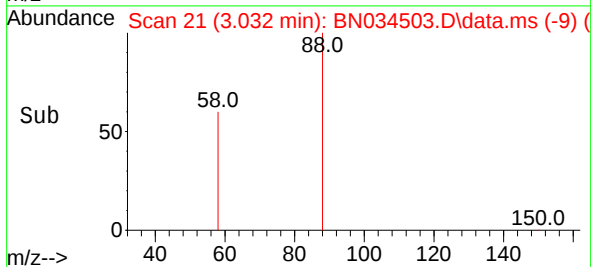
Tgt Ion:152 Resp: 4005
Ion Ratio Lower Upper
152 100
150 155.0 124.6 187.0
115 65.1 50.0 75.0



#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.032 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24



Tgt Ion: 88 Resp: 2008
Ion Ratio Lower Upper
88 100
43 75.2 25.8 38.8#
58 90.3 58.8 88.2#

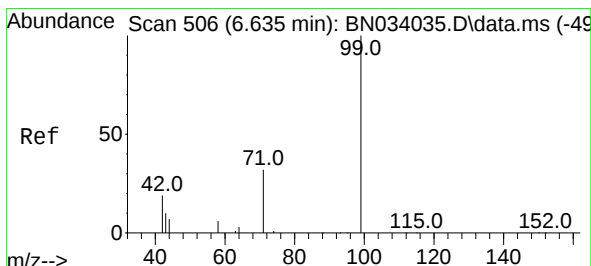
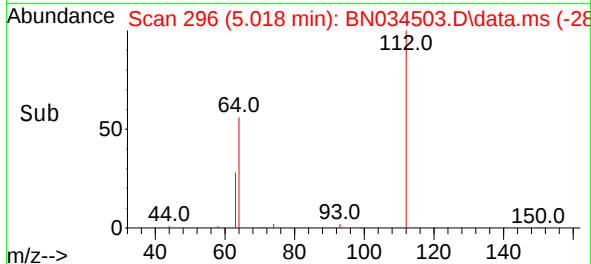
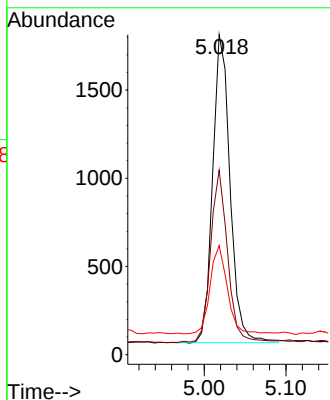
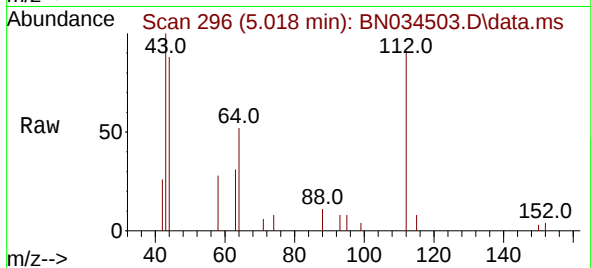




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.018 min Scan# 20
Delta R.T. -0.014 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

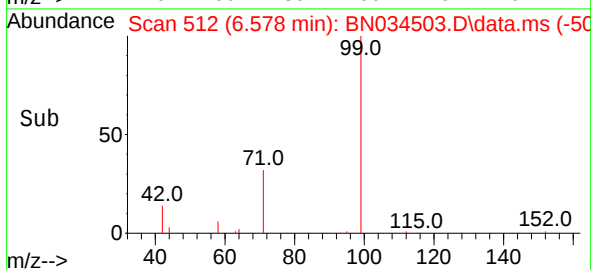
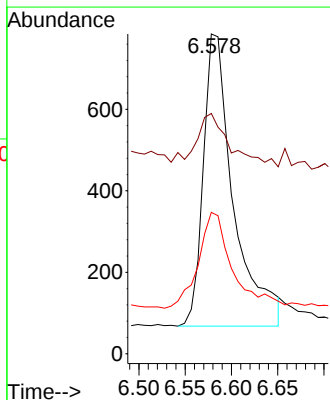
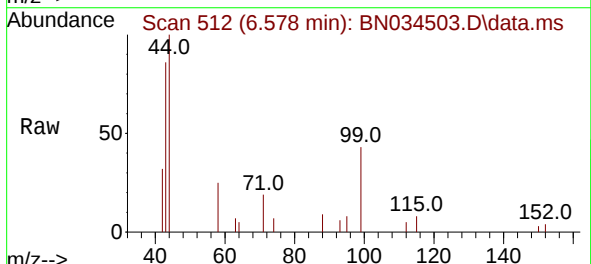
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

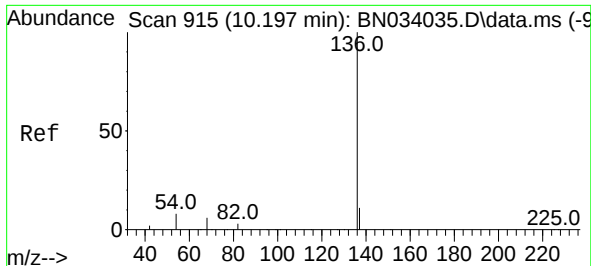
Tgt Ion:112 Resp: 2588
Ion Ratio Lower Upper
112 100
64 54.9 48.6 72.8
63 28.6 25.6 38.4



#5
Phenol-d6
Concen: 0.123 ng
RT: 6.578 min Scan# 512
Delta R.T. -0.022 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Tgt Ion: 99 Resp: 1628
Ion Ratio Lower Upper
99 100
42 15.9 17.8 26.8#
71 36.6 26.2 39.2

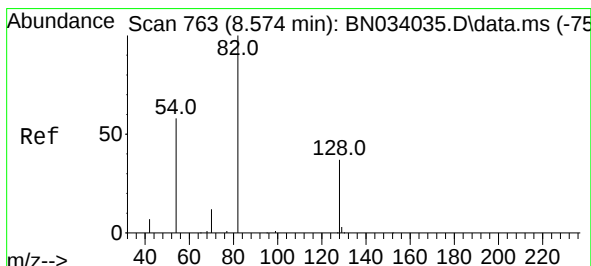
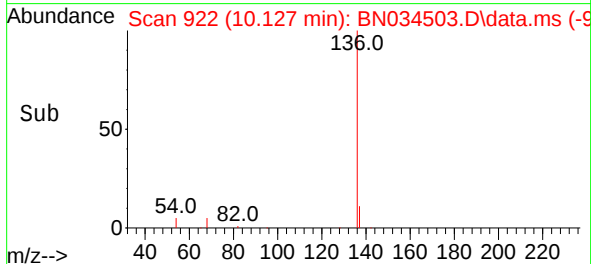
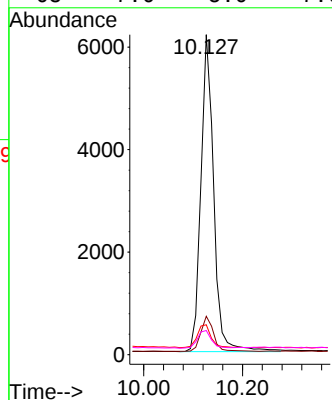
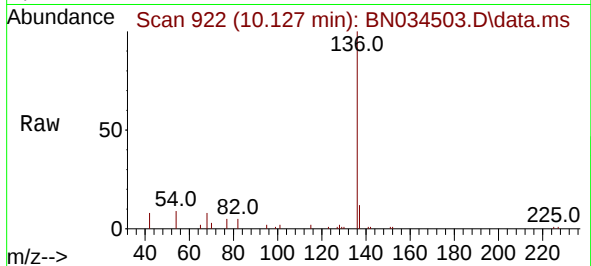




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

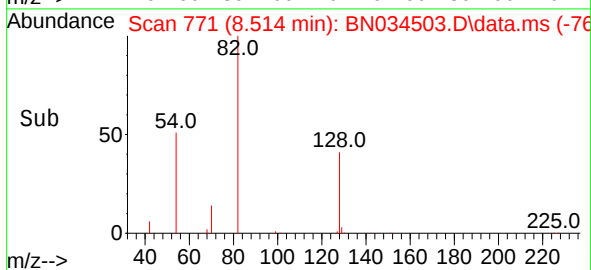
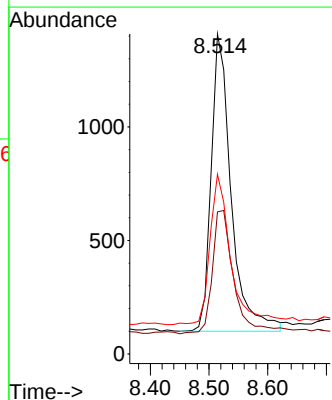
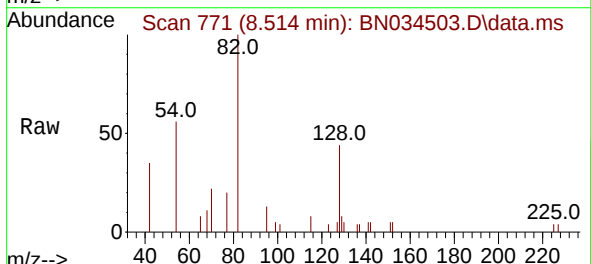
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

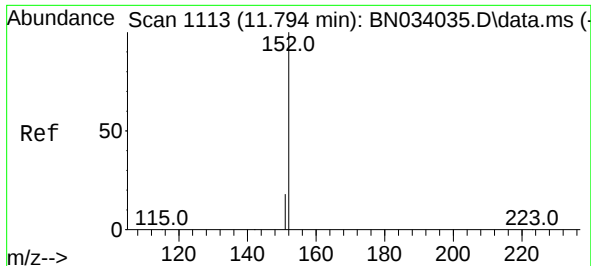
Tgt Ion:136	Resp:	11093
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.0 13.6
54	9.3	6.8 10.2
68	7.6	5.0 7.6#



#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.514 min Scan# 771
Delta R.T. -0.021 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Tgt Ion: 82	Resp:	3099
Ion Ratio	Lower	Upper
82	100	
128	44.4	31.4 47.2
54	56.1	47.4 71.0





#11

2-Methylnaphthalene-d10

Concen: 0.393 ng

RT: 11.727 min Scan# 1110

Delta R.T. -0.026 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

Instrument :

BNA_N

ClientSampleId :

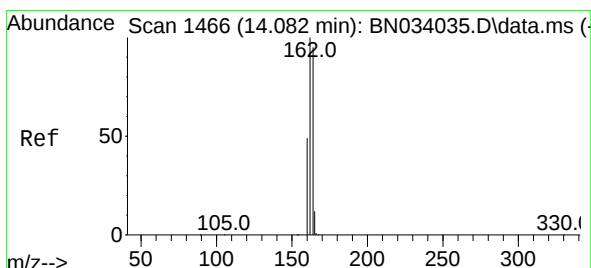
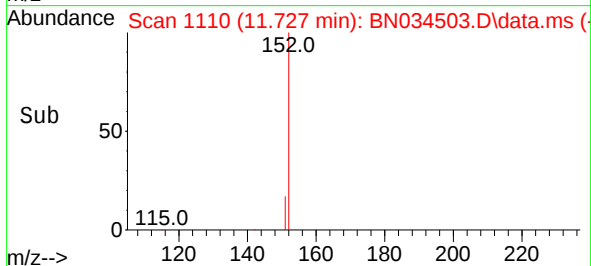
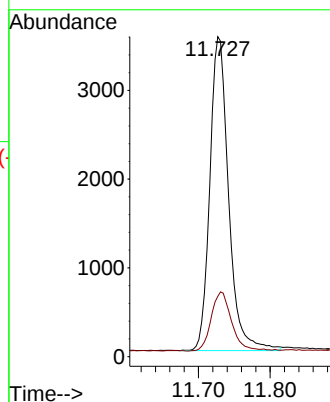
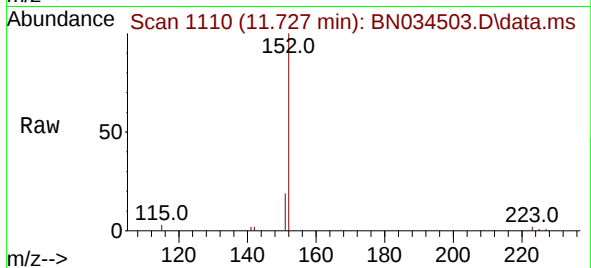
TT163S1-20240927

Tgt Ion:152 Resp: 6432

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.019 min Scan# 1475

Delta R.T. -0.028 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

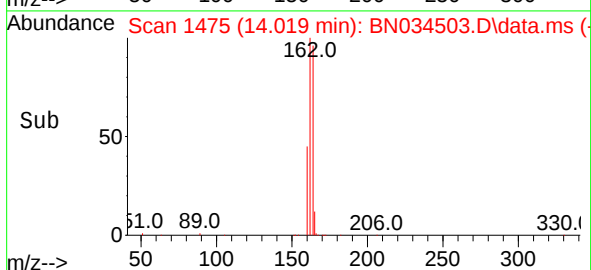
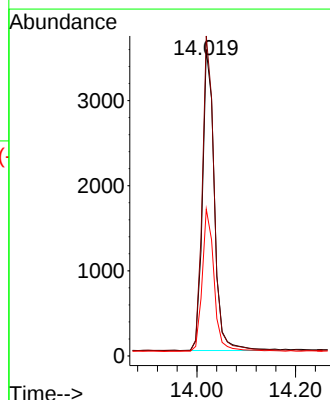
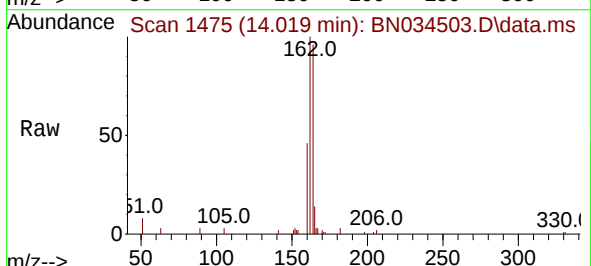
Tgt Ion:164 Resp: 5955

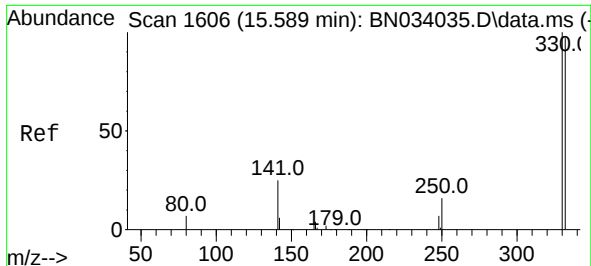
Ion Ratio Lower Upper

164 100

162 104.4 84.2 126.2

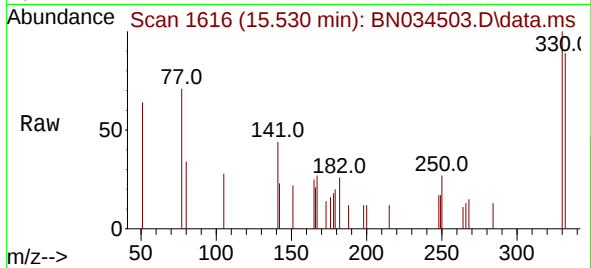
160 48.0 41.7 62.5



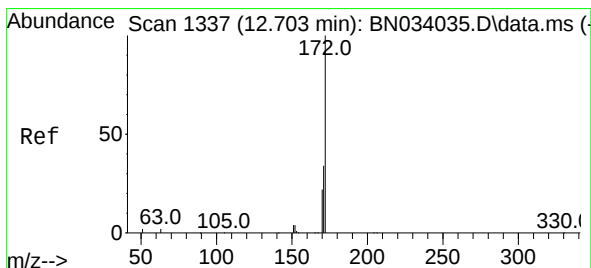
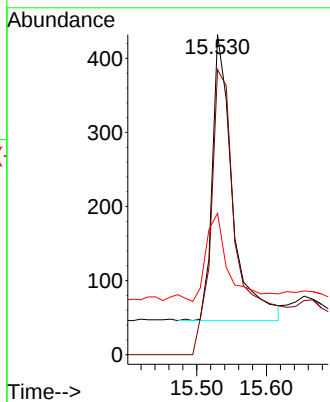
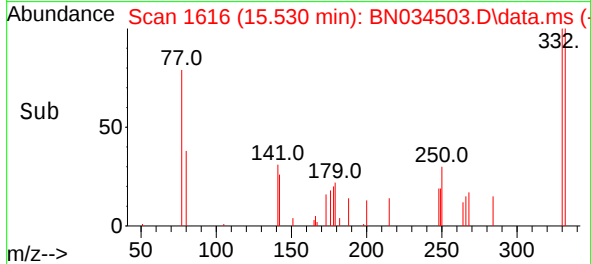


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

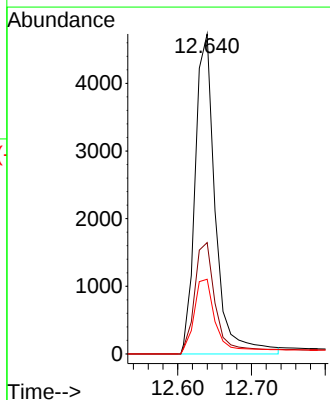
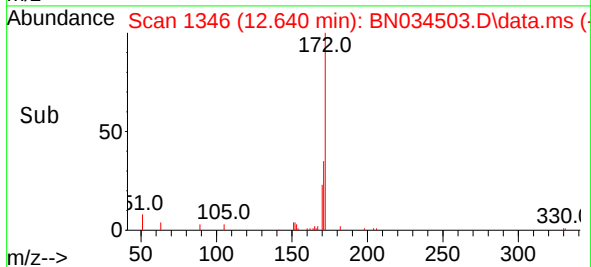
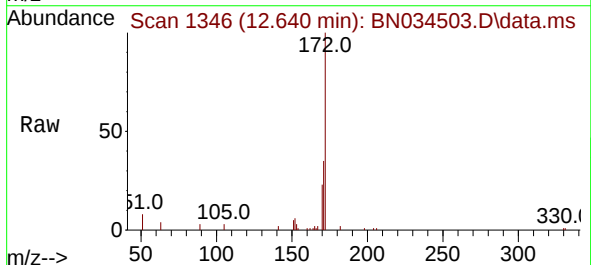


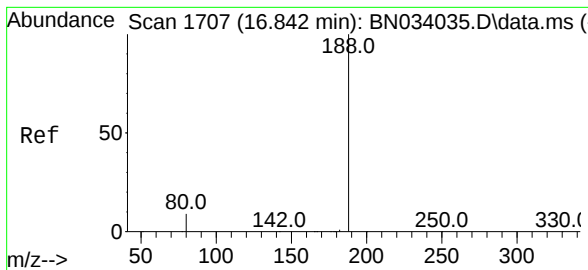
Tgt Ion:330 Resp: 751
Ion Ratio Lower Upper
330 100
332 140.2 77.4 116.0#
141 36.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.339 ng
RT: 12.640 min Scan# 1346
Delta R.T. -0.018 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Tgt Ion:172 Resp: 8220
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 23.3 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.783 min Scan# 11

Delta R.T. -0.019 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240927

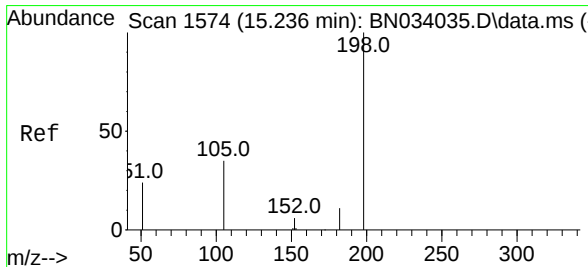
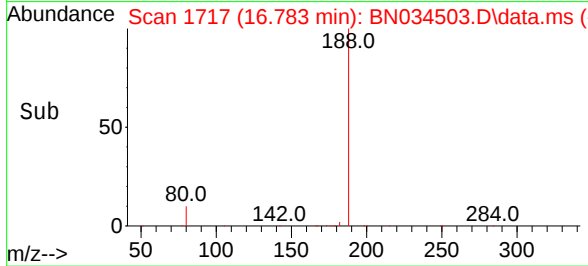
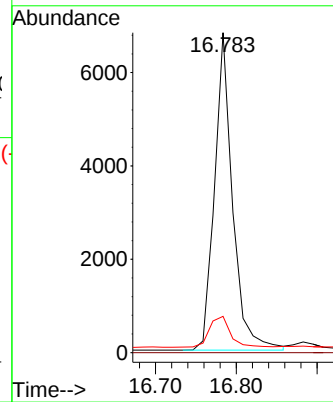
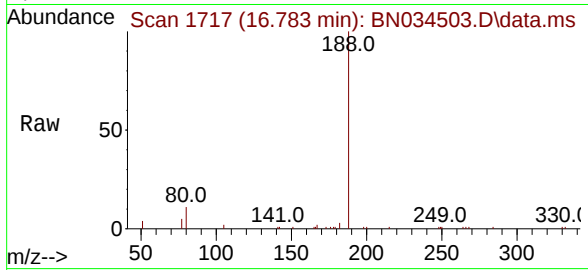
Tgt Ion:188 Resp: 10581

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.262 min Scan# 1675

Delta R.T. -0.044 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

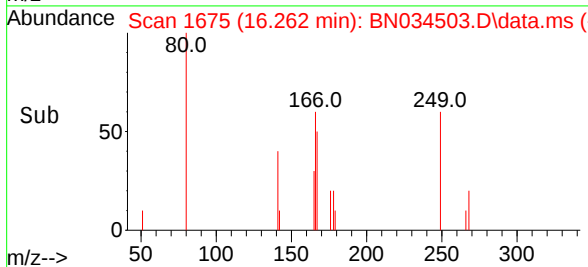
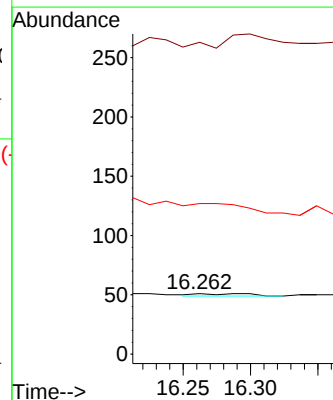
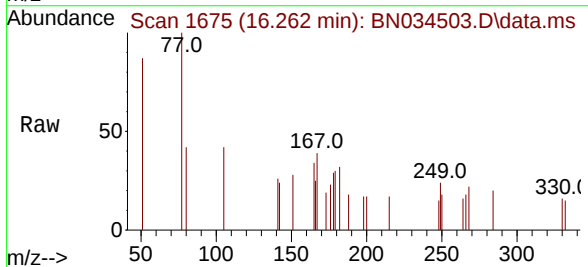
Tgt Ion:198 Resp: 5

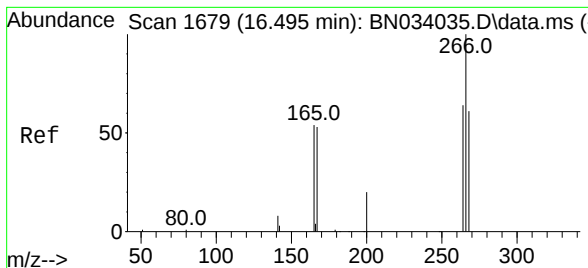
Ion Ratio Lower Upper

198 100

51 515.7 106.4 159.6#

105 249.0 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.032 ng

RT: 16.448 min Scan# 1690

Delta R.T. -0.019 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240927

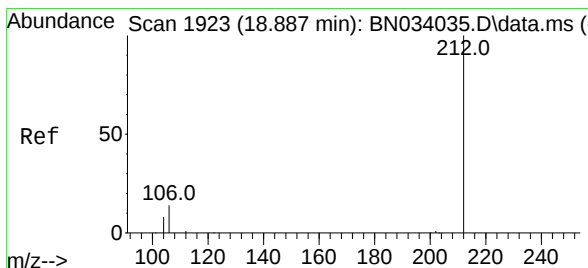
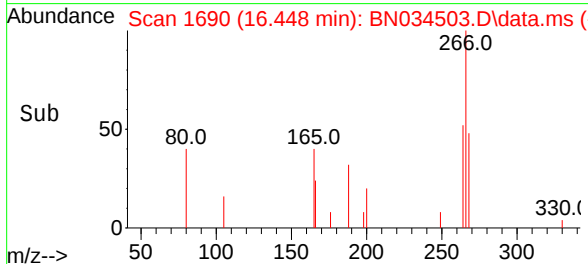
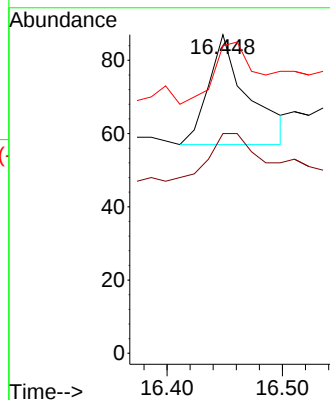
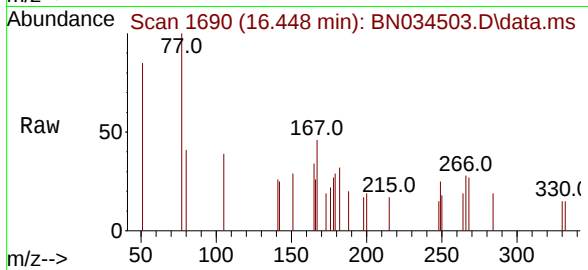
Tgt Ion:266 Resp: 71

Ion Ratio Lower Upper

266 100

264 70.4 50.2 75.2

268 59.2 51.0 76.4



#27

Fluoranthene-d10

Concen: 0.427 ng

RT: 18.829 min Scan# 1925

Delta R.T. -0.016 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

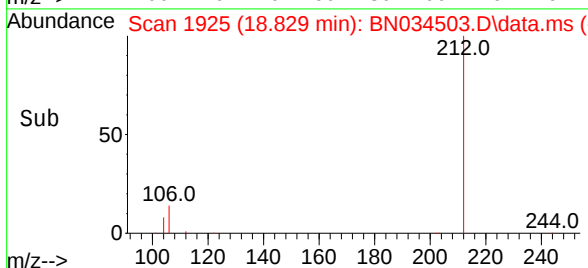
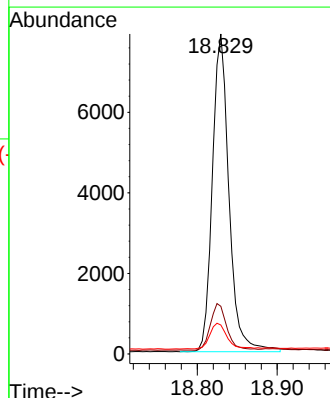
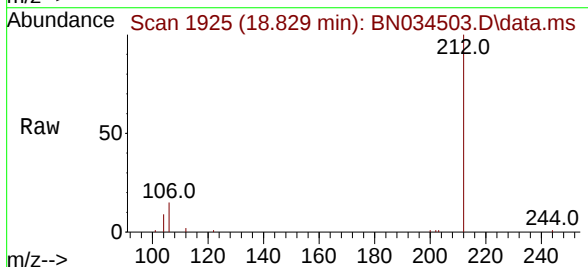
Tgt Ion:212 Resp: 11402

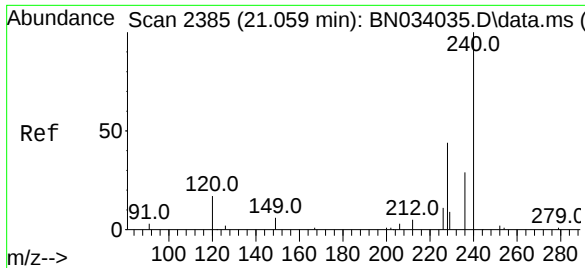
Ion Ratio Lower Upper

212 100

106 14.4 13.4 20.2

104 8.8 7.8 11.6

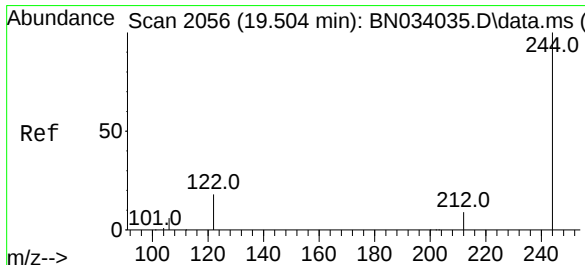
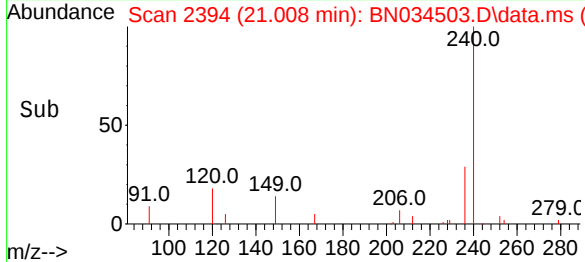
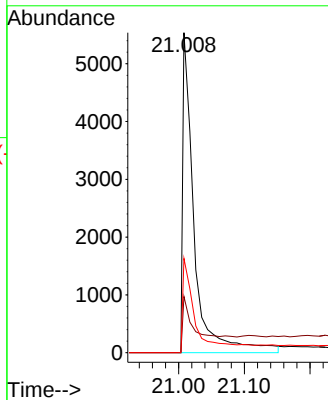
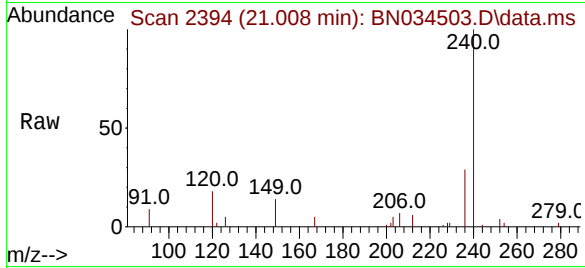




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 24
Delta R.T. -0.006 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

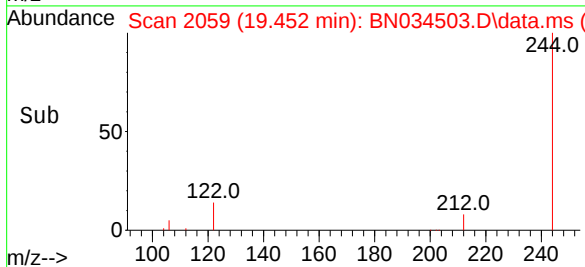
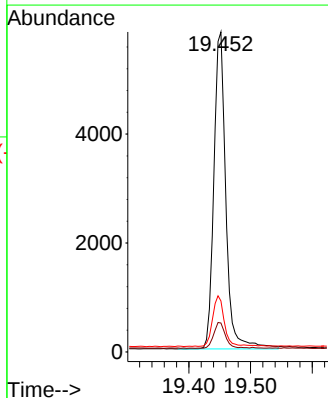
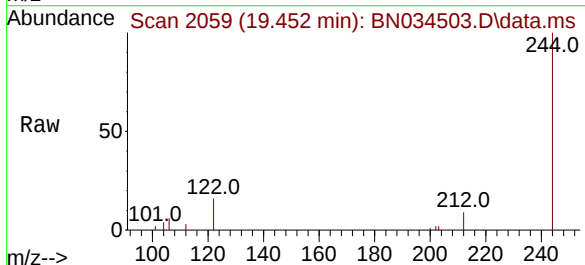
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

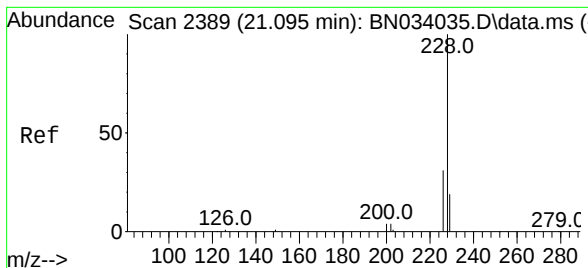
Tgt Ion:240 Resp: 7024
Ion Ratio Lower Upper
240 100
120 17.6 13.5 20.3
236 29.5 23.4 35.0



#31
Terphenyl-d14
Concen: 0.560 ng
RT: 19.452 min Scan# 2059
Delta R.T. -0.016 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Tgt Ion:244 Resp: 7853
Ion Ratio Lower Upper
244 100
212 9.1 7.8 11.6
122 16.0 14.8 22.2





#33

Chrysene

Concen: 0.021 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240927

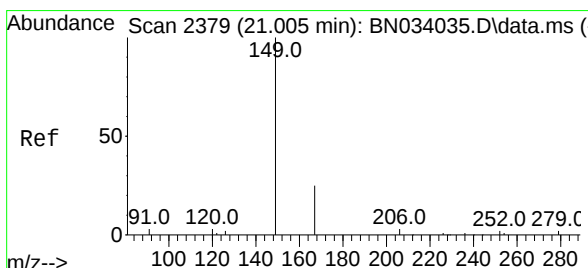
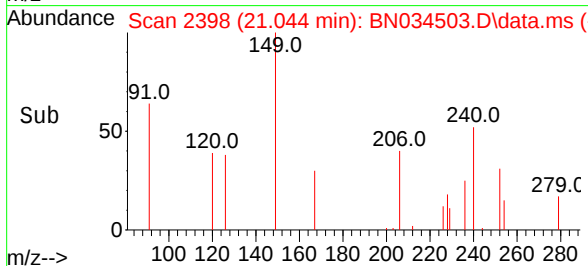
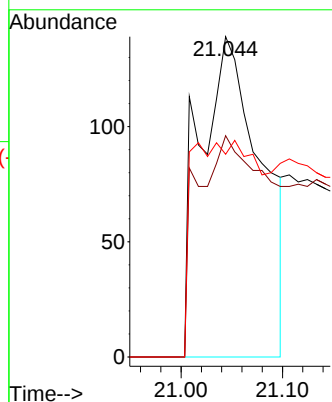
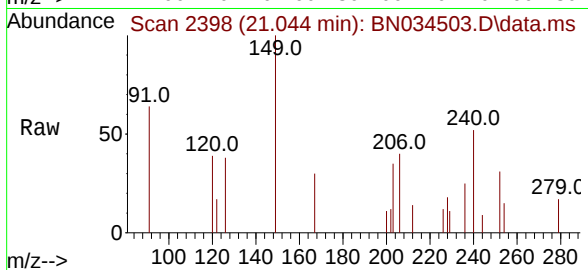
Tgt Ion:228 Resp: 549

Ion Ratio Lower Upper

228 100

226 69.1 24.6 37.0#

229 63.3 15.5 23.3#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.147 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.002 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

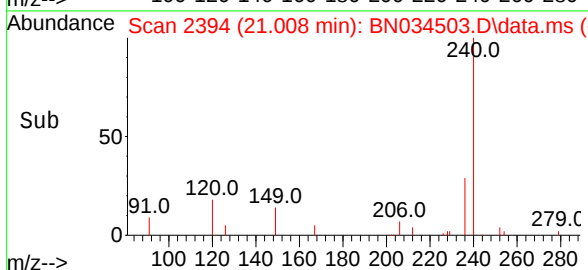
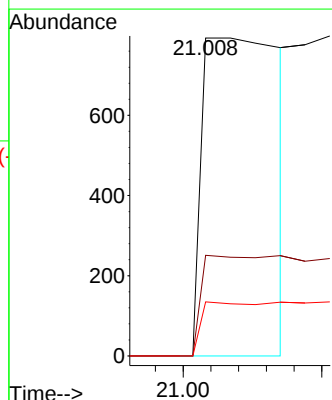
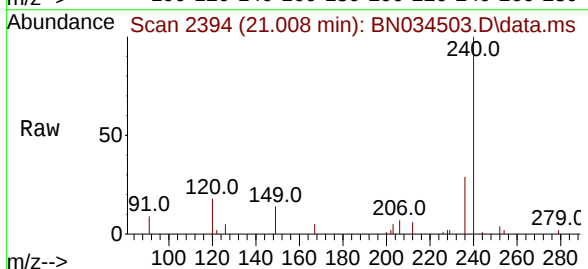
Tgt Ion:149 Resp: 1360

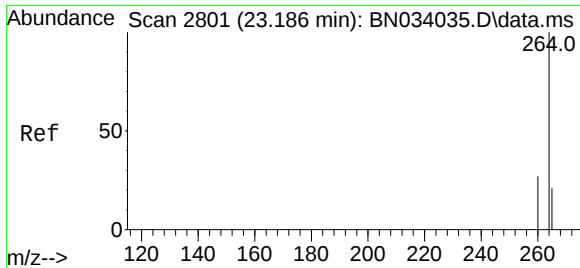
Ion Ratio Lower Upper

149 100

167 22.3 19.9 29.9

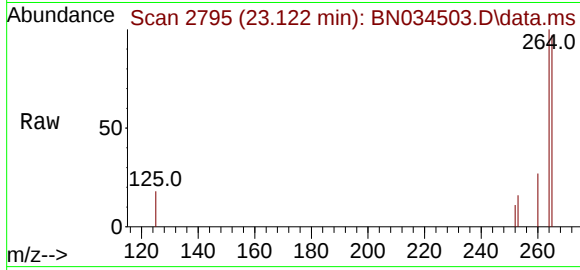
279 11.8 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.122 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927



Tgt Ion:264 Resp: 9244
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 97.0 52.1 78.1#

