

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)

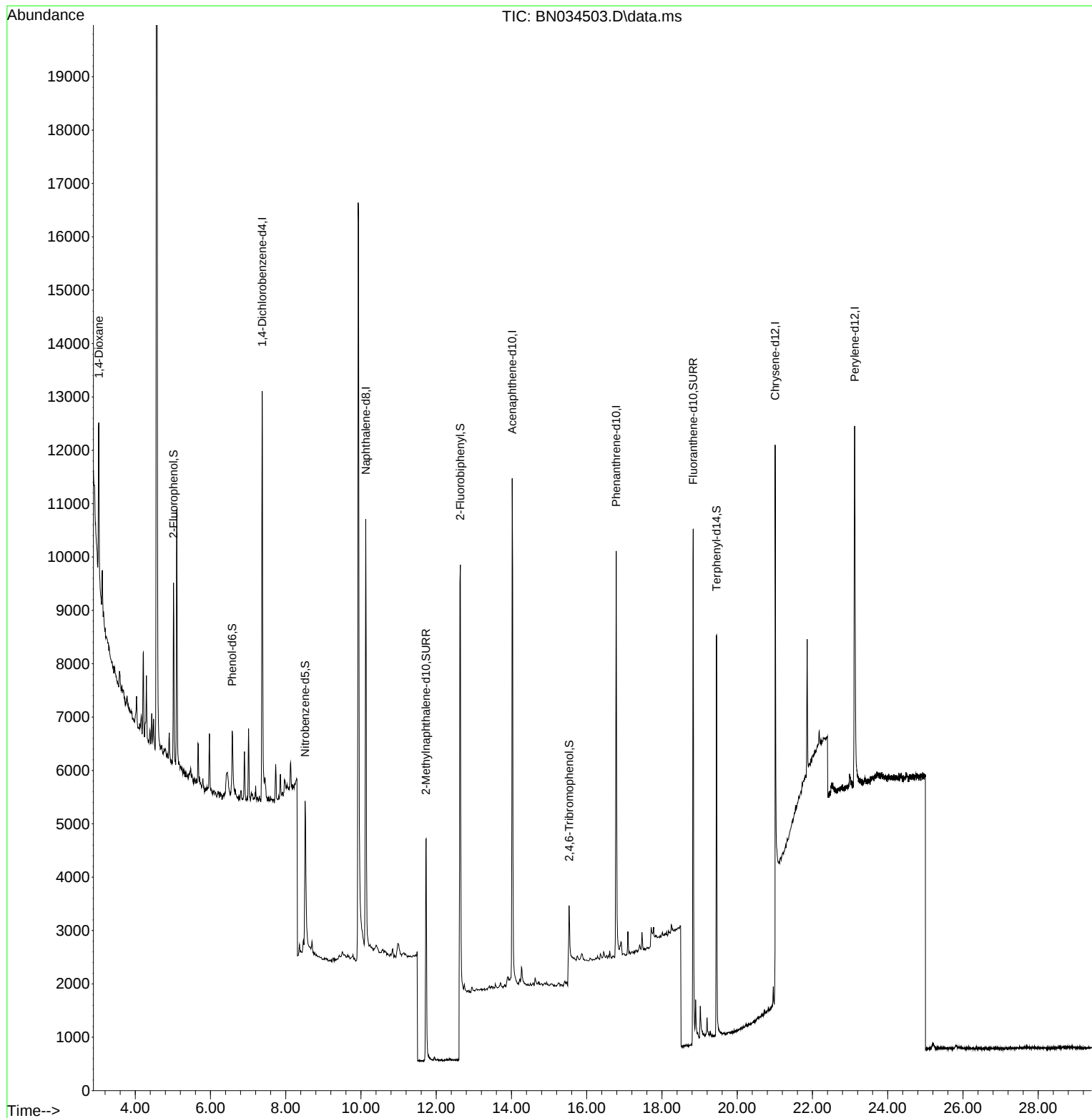
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4005	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	11093	0.400	ng	#-0.02
13) Acenaphthene-d10	14.019	164	5955	0.400	ng	-0.03
19) Phenanthrene-d10	16.783	188	10581	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	7024	0.400	ng	0.00
35) Perylene-d12	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

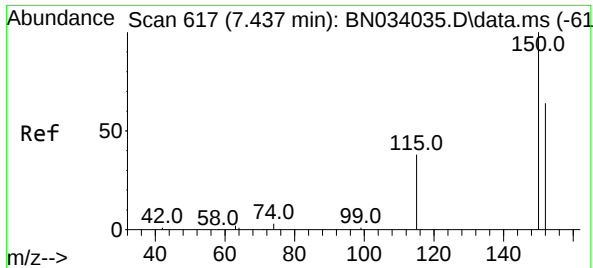
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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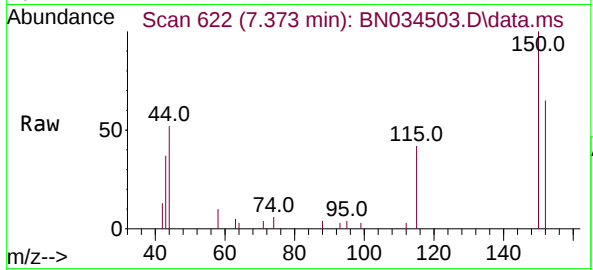
Quant Time: Oct 09 14:54:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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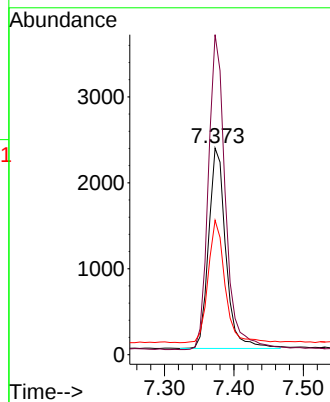
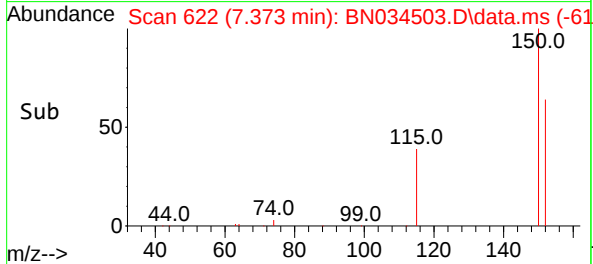


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.021 min
 Lab File: BN034503.D
 Acq: 09 Oct 2024 14:24

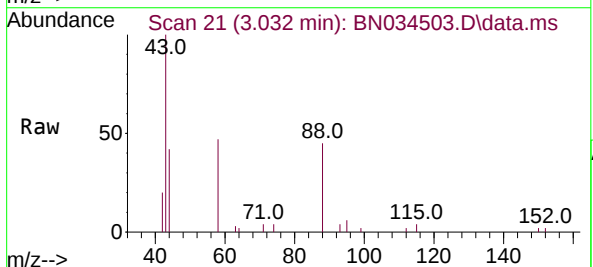
Instrument :
 BNA_N
 ClientSampleId :
 TT163S1-20240927



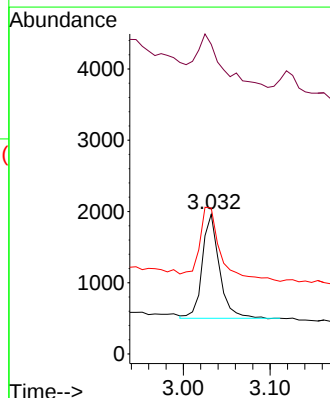
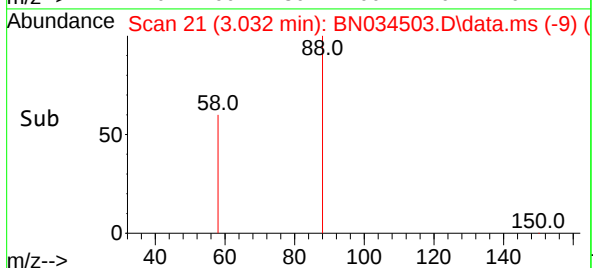
Tgt Ion:152 Resp: 4005
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.6 187.0
 115 65.1 50.0 75.0



#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#

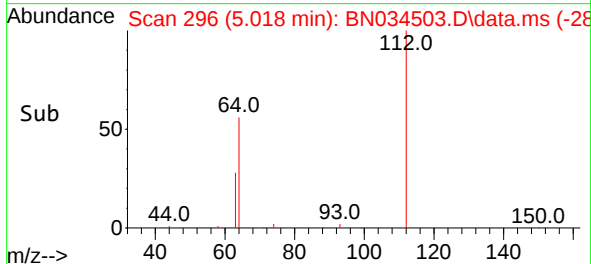
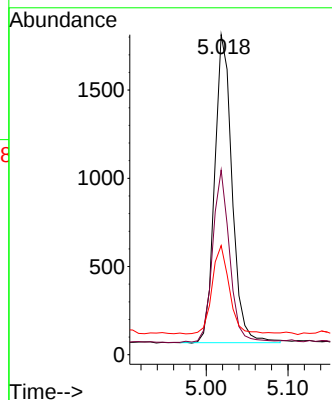
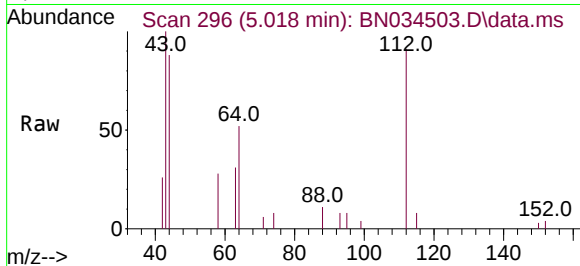




#4
2-Fluorophenol
Concen: 0.228 ng
RT: 5.018 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

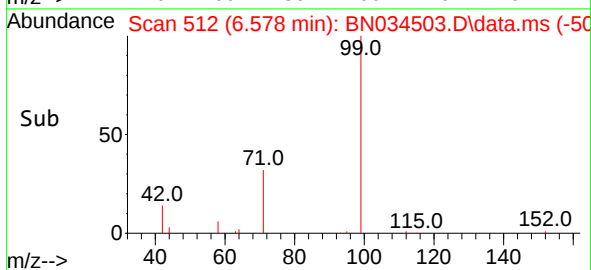
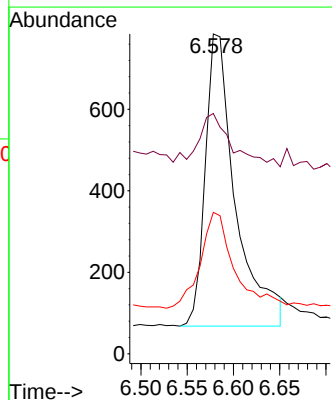
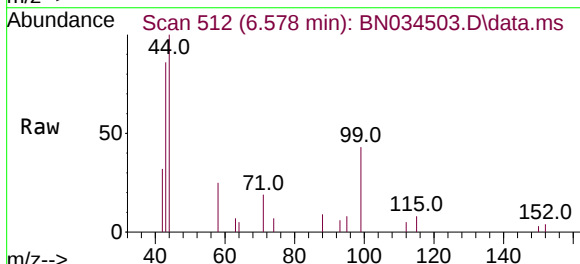
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

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

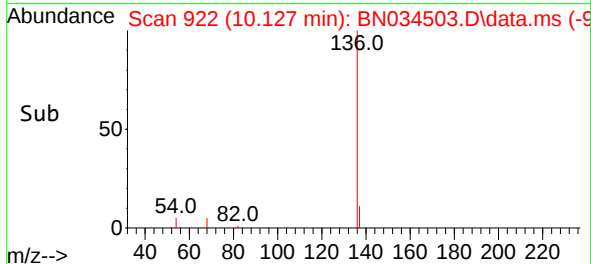
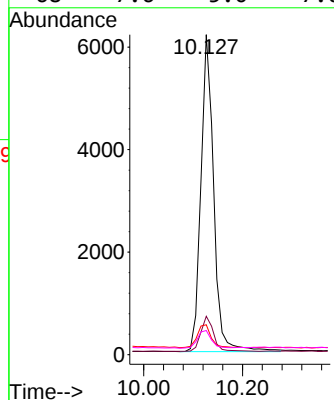
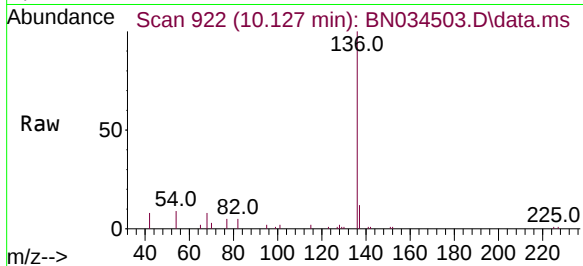




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. -0.021 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

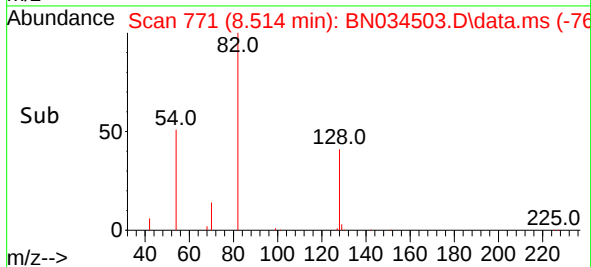
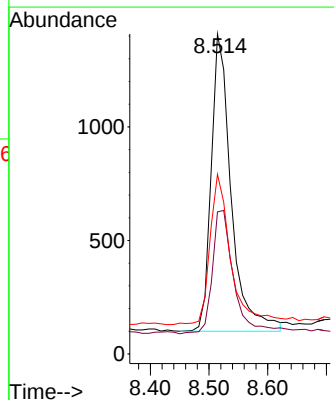
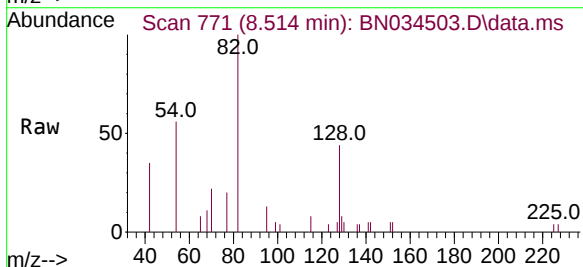
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

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

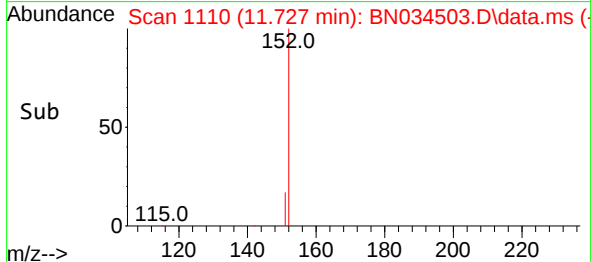
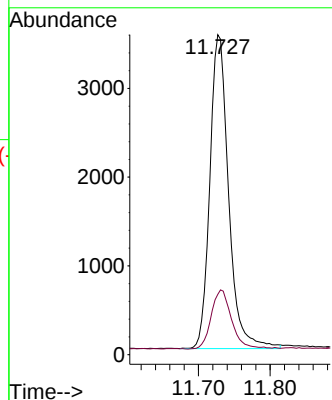
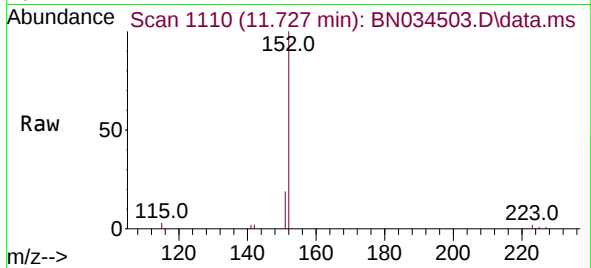




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 11.727 min Scan# 1110
Delta R.T. -0.026 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

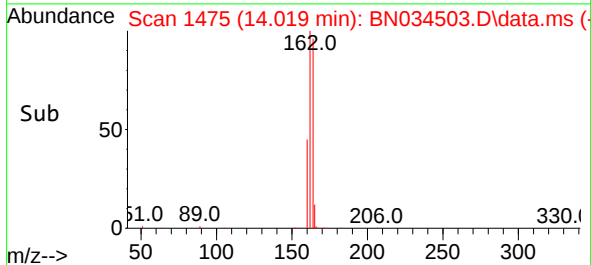
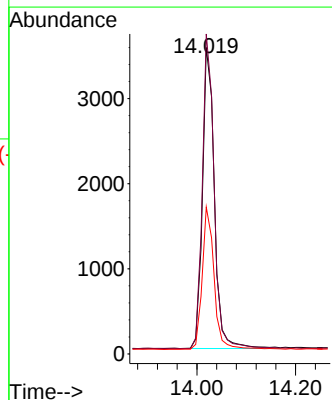
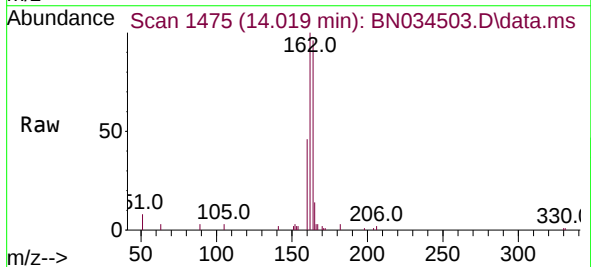
Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

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

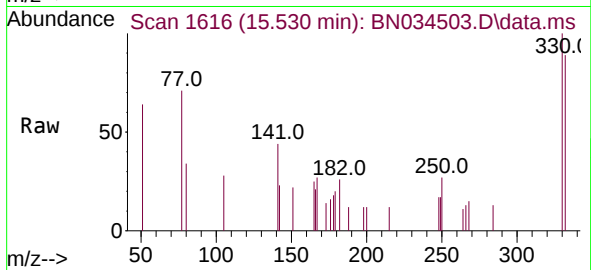
Tgt Ion:164 Resp: 5955
Ion Ratio Lower Upper
164 100
162 104.4 84.2 126.2
160 48.0 41.7 62.5



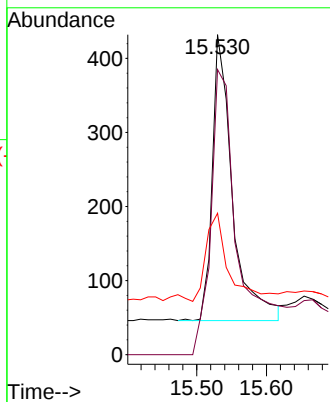
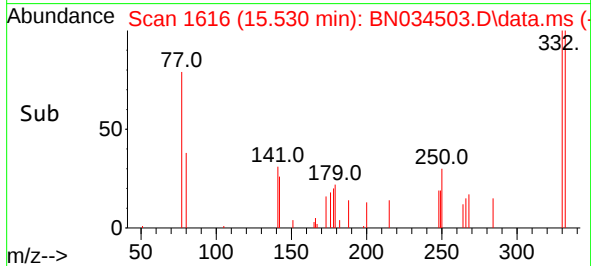


#14
2,4,6-Tribromophenol
Concen: 0.278 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

Instrument :
BNA_N
ClientSampleId :
TT163S1-20240927

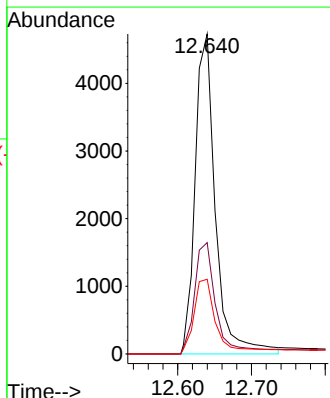
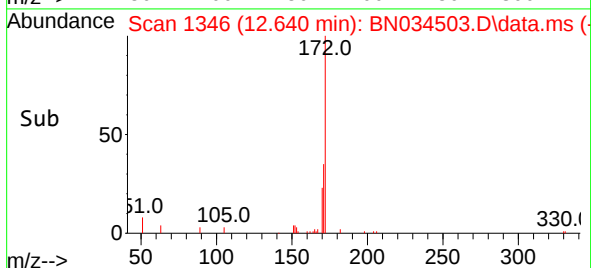
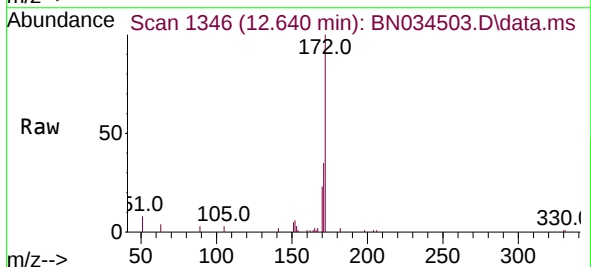


Tgt Ion:330 Resp: 751
Ion Ratio Lower Upper
330 100
332 140.2 77.4 116.0#
141 36.0 35.9 53.9



#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

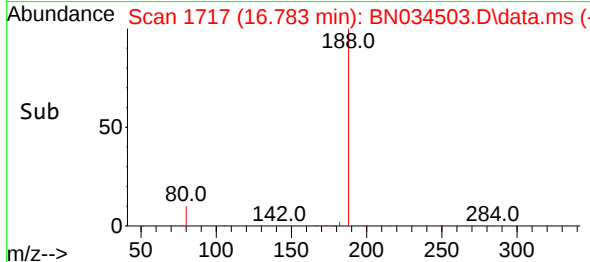
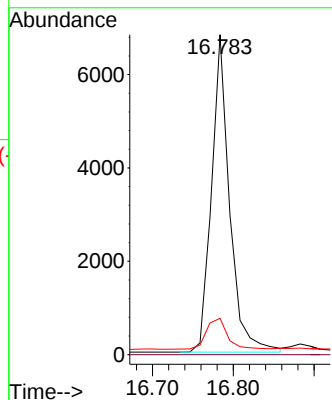
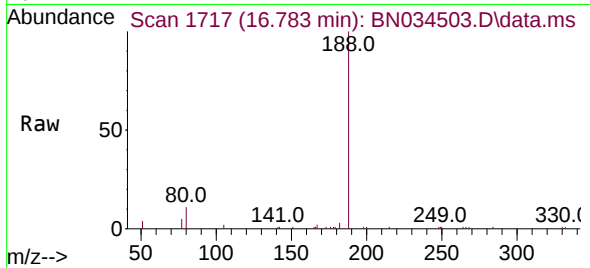




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 11
Delta R.T. -0.019 min
Lab File: BN034503.D
Acq: 09 Oct 2024 14:24

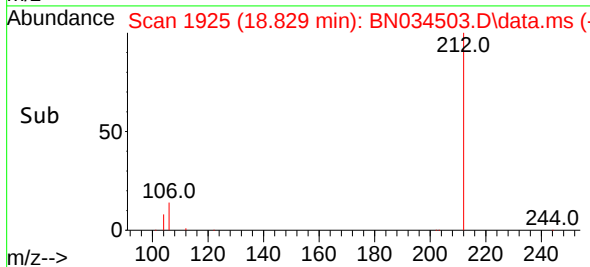
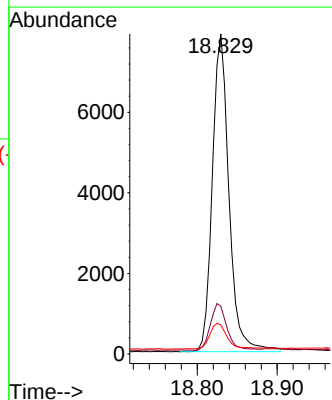
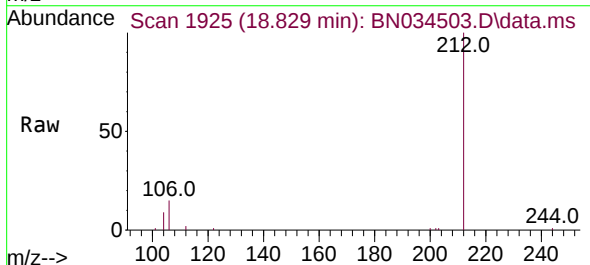
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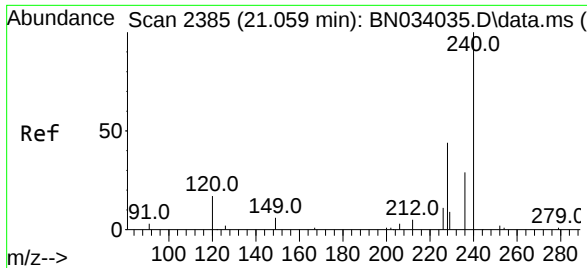
Tgt Ion:188 Resp: 10581
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.4 7.4 11.0#



#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# 21

Delta R.T. -0.006 min

Lab File: BN034503.D

Acq: 09 Oct 2024 14:24

Instrument :

BNA_N

ClientSampleId :

TT163S1-20240927

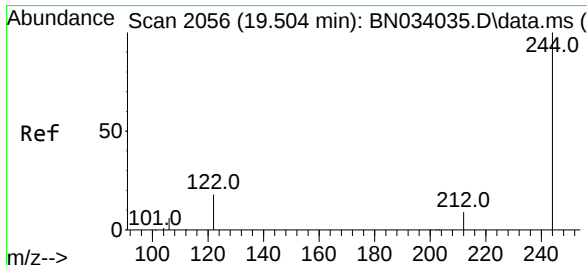
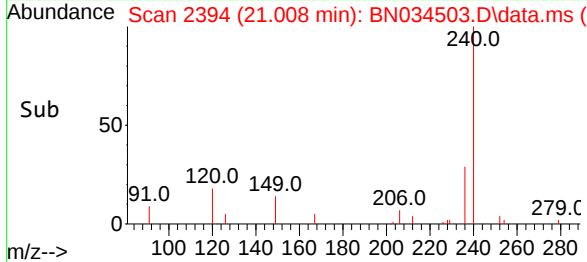
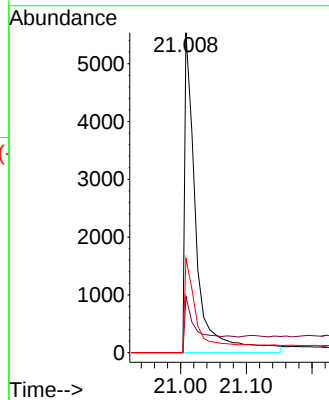
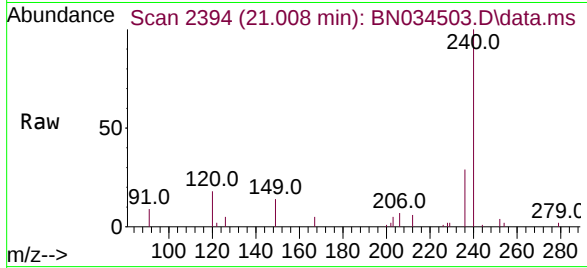
Tgt Ion:240 Resp: 7024

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

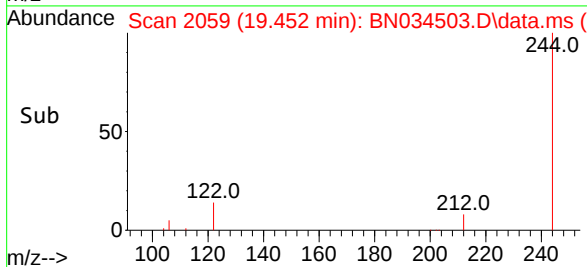
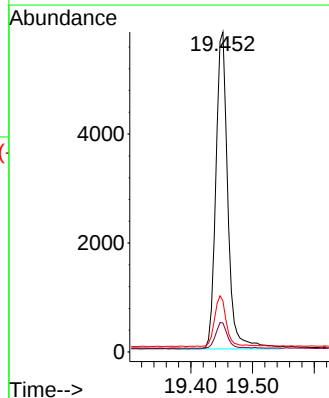
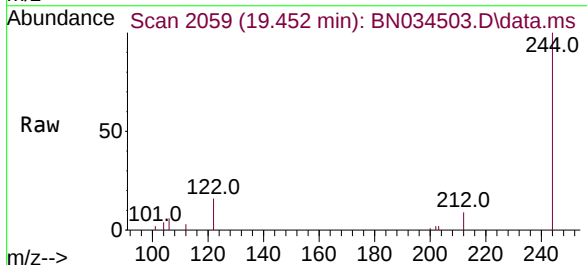
Tgt Ion:244 Resp: 7853

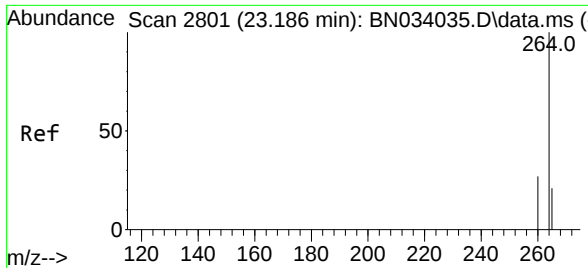
Ion Ratio Lower Upper

244 100

212 9.1 7.8 11.6

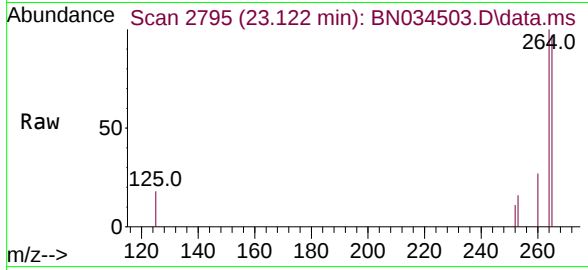
122 16.0 14.8 22.2





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.122 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BN034503.D
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Instrument :
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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

