

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101124\
 Data File : BN034563.D
 Acq On : 11 Oct 2024 19:59
 Operator : RC/JU
 Sample : P4386-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN003

Quant Time: Oct 14 01:10:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

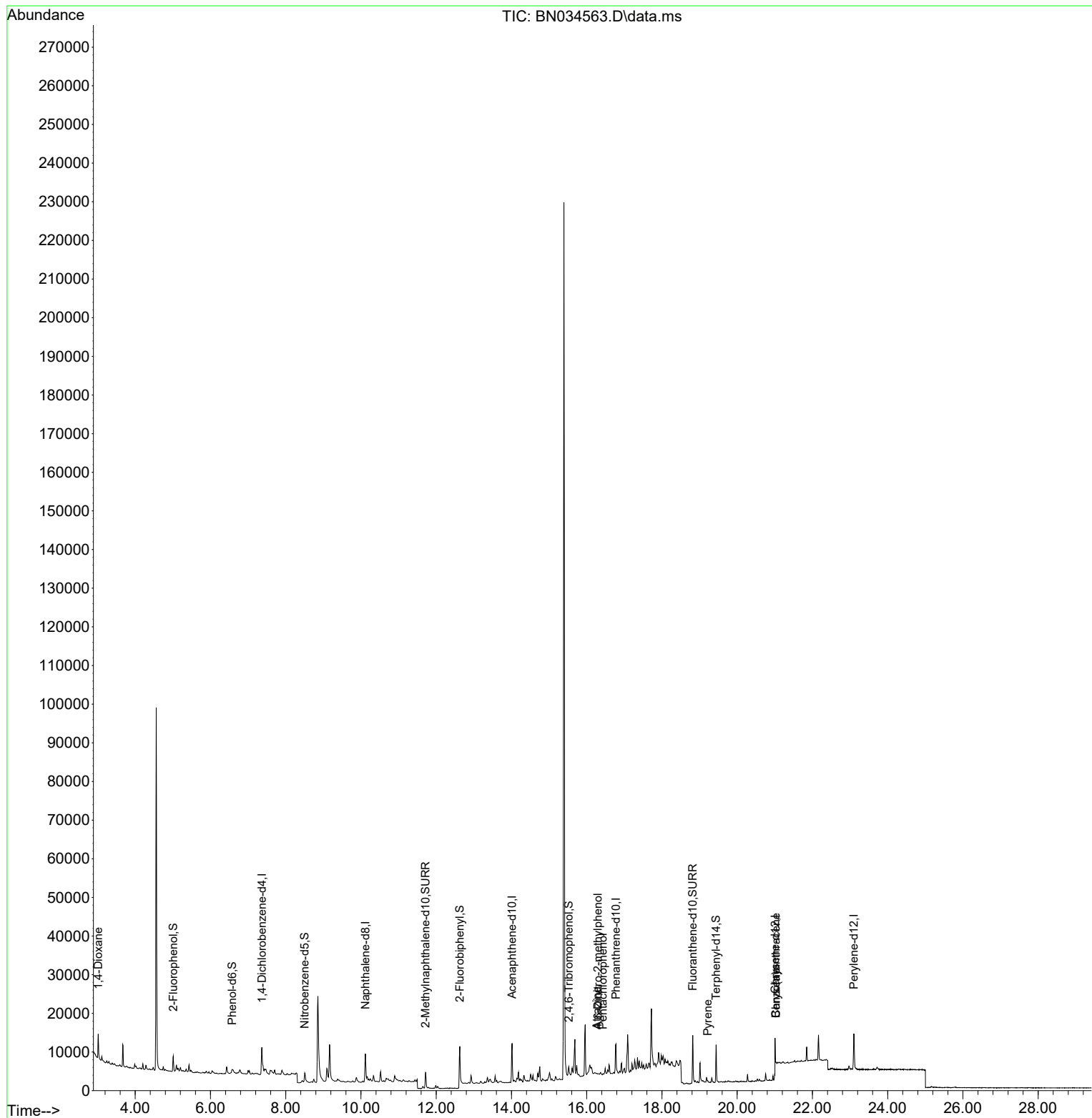
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	3622	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	10886	0.400	ng	-0.01
13) Acenaphthene-d10	14.015	164	6091	0.400	ng	0.00
19) Phenanthrene-d10	16.778	188	11221	0.400	ng	0.00
29) Chrysene-d12	21.006	240	5053	0.400	ng	0.00
35) Perylene-d12	23.102	264	11608	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	2491	0.242	ng	0.00
5) Phenol-d6	6.578	99	1488	0.124	ng	0.00
8) Nitrobenzene-d5	8.504	82	2720	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	11.716	152	6513	0.405	ng	-0.01
14) 2,4,6-Tribromophenol	15.524	330	1243	0.450	ng	-0.01
15) 2-Fluorobiphenyl	12.626	172	8794	0.355	ng	-0.01
27) Fluoranthene-d10	18.818	212	13220	0.467	ng	0.00
31) Terphenyl-d14	19.440	244	9245	0.916	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.018	88	3597	0.794	ng	# 82
20) 4,6-Dinitro-2-methylph...	16.294	198	60	0.167	ng	# 1
23) Atrazine	16.269	200	119	0.023	ng	# 1
24) Pentachlorophenol	16.431	266	109	0.047	ng	# 77
30) Pyrene	19.217	202	433	0.020	ng	# 67
32) Benzo(a)anthracene	21.033	228	884	0.055	ng	# 33
33) Chrysene	21.033	228	1122	0.059	ng	# 38

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

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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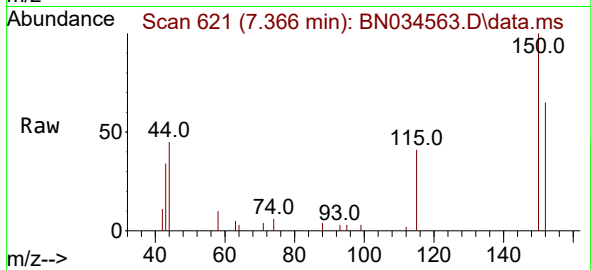
Quant Time: Oct 14 01:10:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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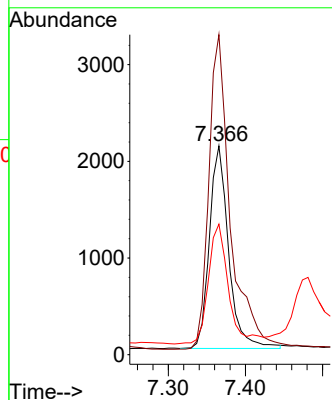
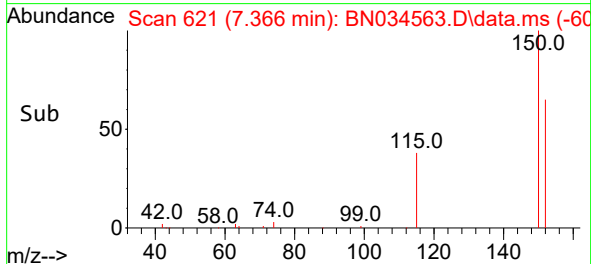


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.366 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Instrument :
BNA_N
ClientSampleId :
DSN003

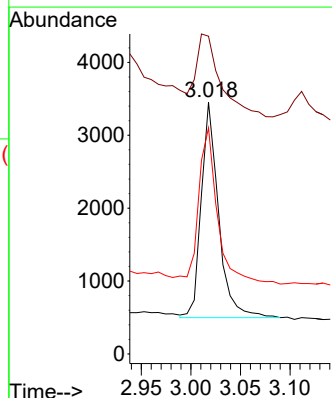
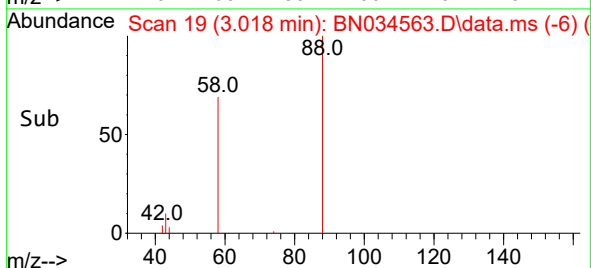
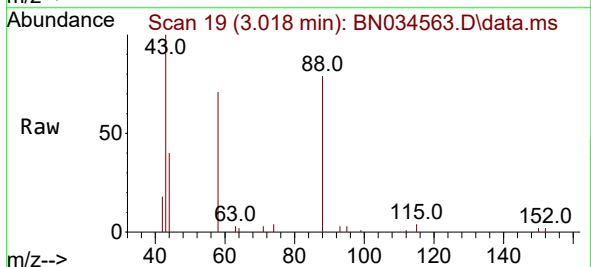


Tgt Ion:152 Resp: 3622
Ion Ratio Lower Upper
152 100
150 153.2 124.6 187.0
115 62.5 50.0 75.0



#2
1,4-Dioxane
Concen: 0.794 ng
RT: 3.018 min Scan# 19
Delta R.T. -0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion: 88 Resp: 3597
Ion Ratio Lower Upper
88 100
43 54.1 25.8 38.8#
58 80.4 58.8 88.2

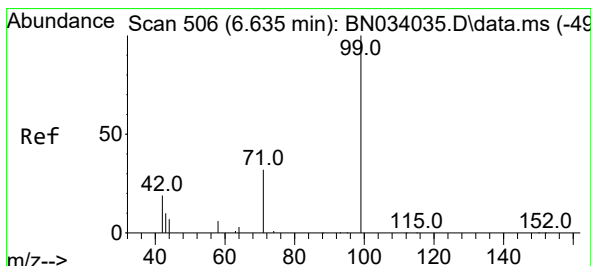
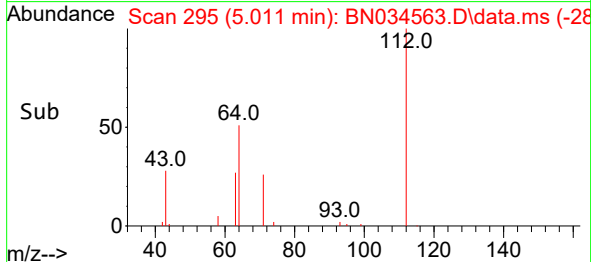
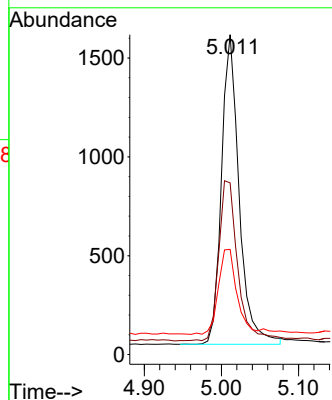
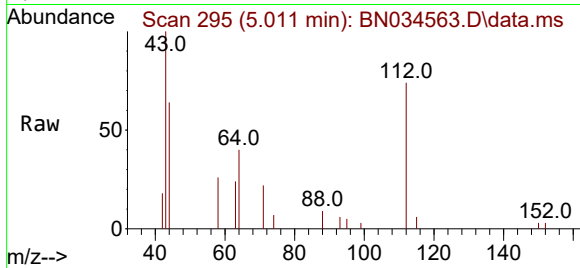




#4
2-Fluorophenol
Concen: 0.242 ng
RT: 5.011 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

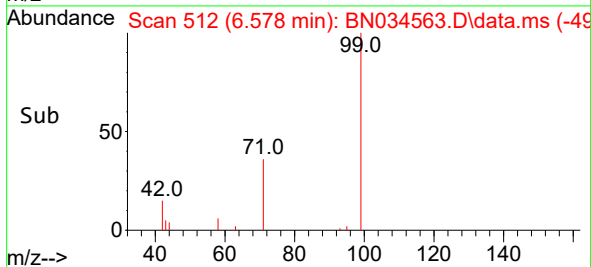
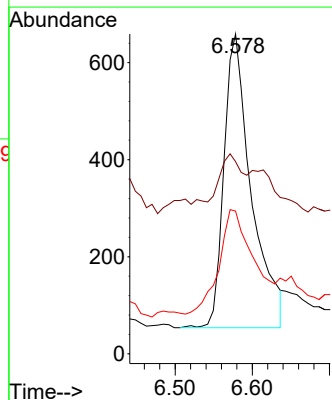
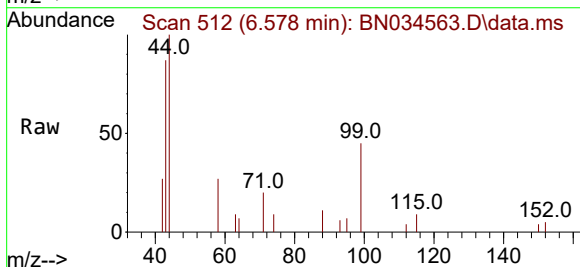
Instrument :
BNA_N
ClientSampleId :
DSN003

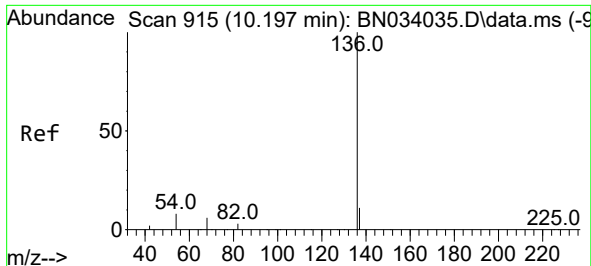
Tgt Ion:112 Resp: 2491
Ion Ratio Lower Upper
112 100
64 56.0 48.6 72.8
63 28.8 25.6 38.4



#5
Phenol-d6
Concen: 0.124 ng
RT: 6.578 min Scan# 512
Delta R.T. 0.007 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion: 99 Resp: 1488
Ion Ratio Lower Upper
99 100
42 12.9 17.8 26.8#
71 45.6 26.2 39.2#

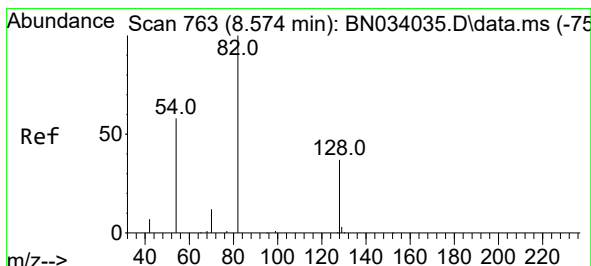
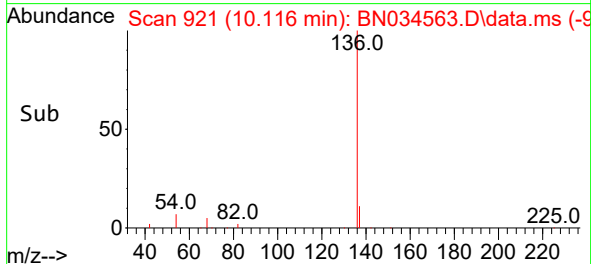
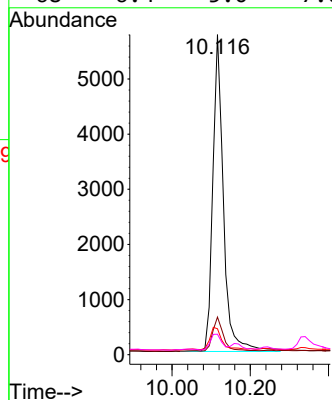
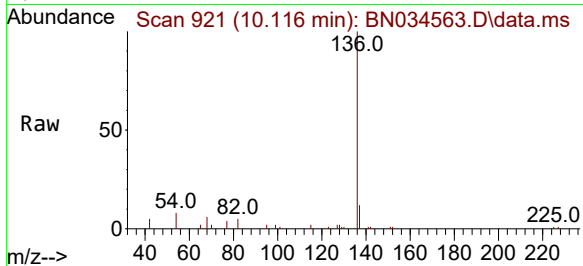




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

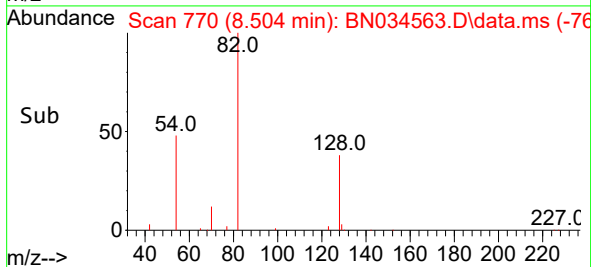
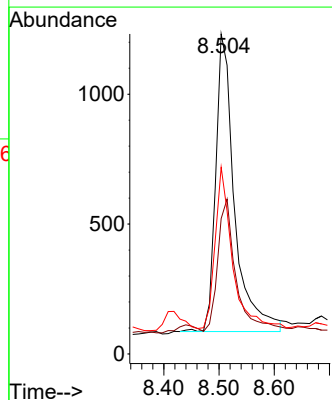
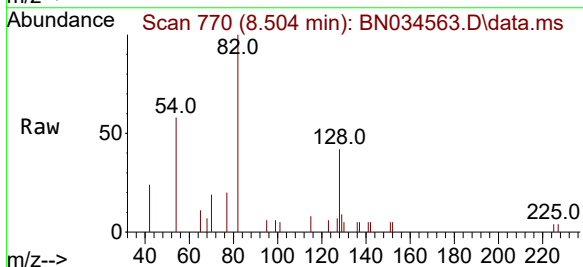
Instrument :
BNA_N
ClientSampleId :
DSN003

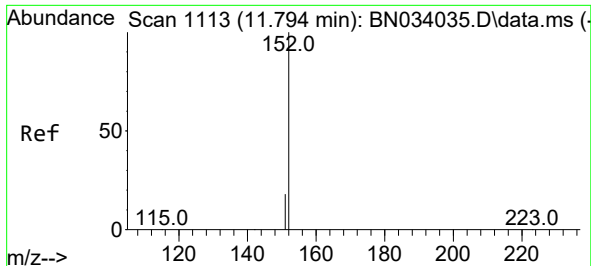
Tgt Ion:136	Resp:	10886
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	8.1	6.8 10.2
68	6.4	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.504 min Scan# 770
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion: 82	Resp:	2720
Ion Ratio	Lower	Upper
82	100	
128	42.3	31.4 47.2
54	58.4	47.4 71.0

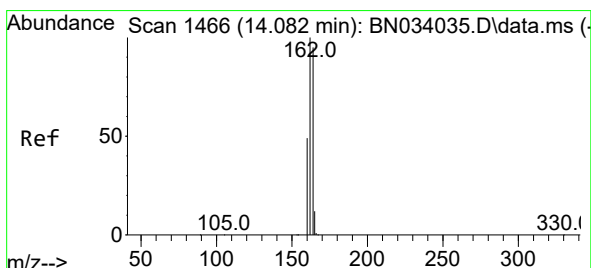
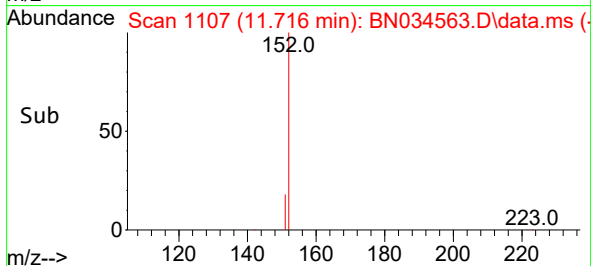
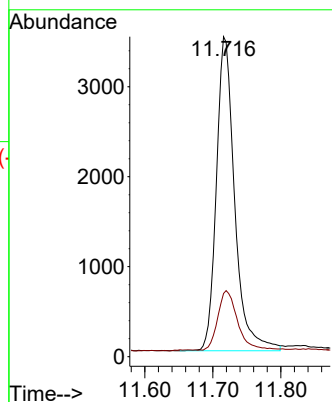
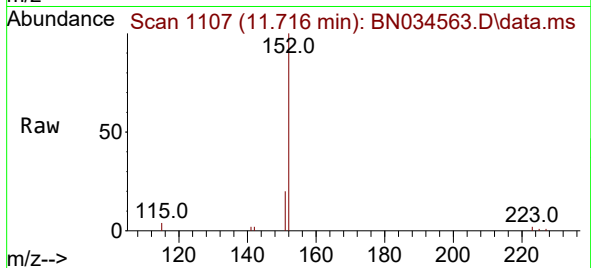




#11
2-Methylnaphthalene-d10
Concen: 0.405 ng
RT: 11.716 min Scan# 1113
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

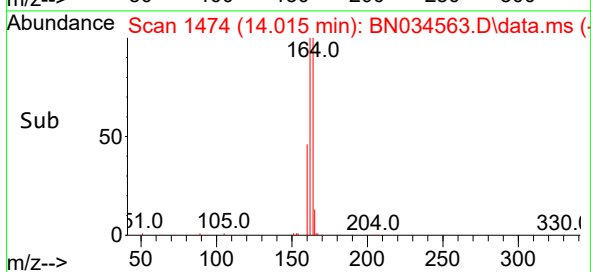
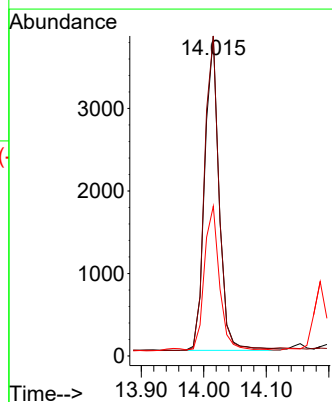
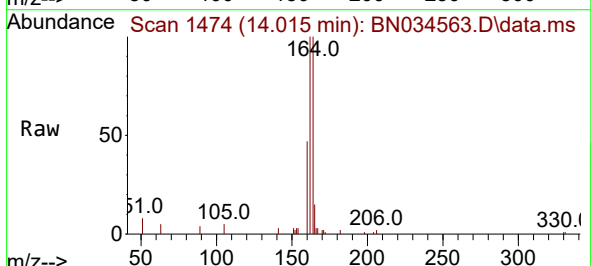
Instrument :
BNA_N
ClientSampleId :
DSN003

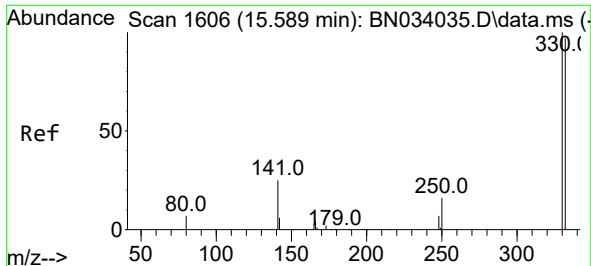
Tgt Ion:152 Resp: 6513
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:164 Resp: 6091
Ion Ratio Lower Upper
164 100
162 100.0 84.2 126.2
160 46.8 41.7 62.5

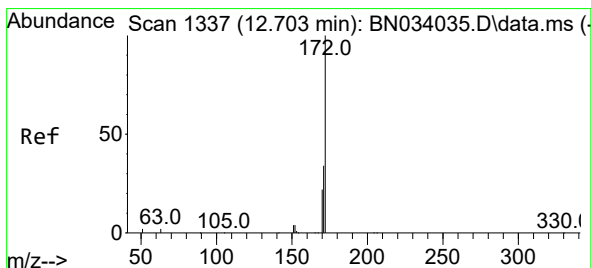
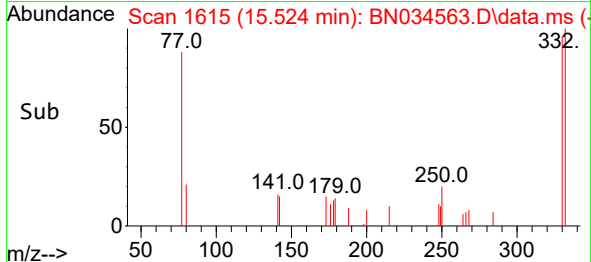
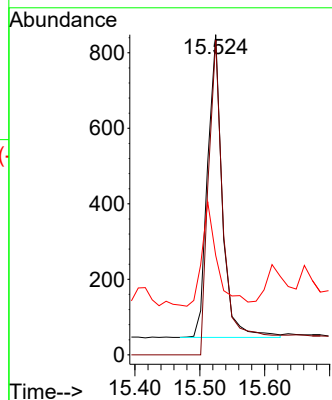
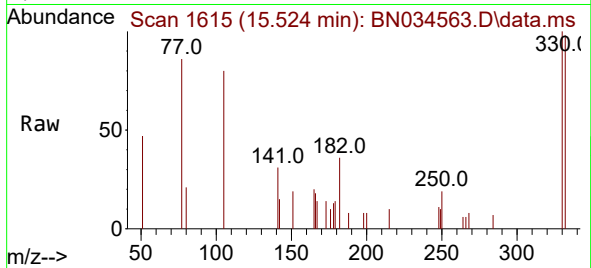




#14
2,4,6-Tribromophenol
Concen: 0.450 ng
RT: 15.524 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

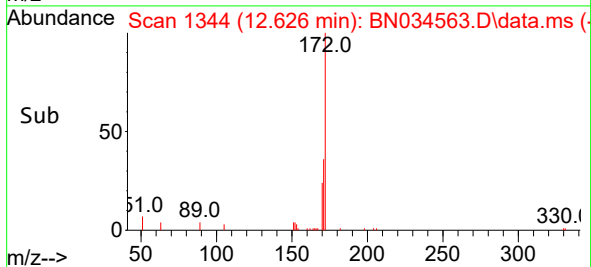
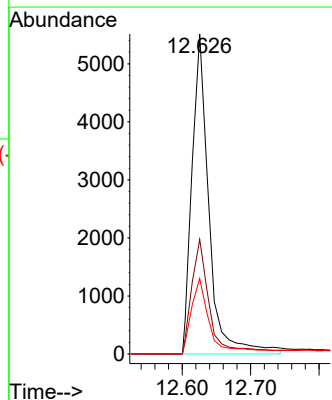
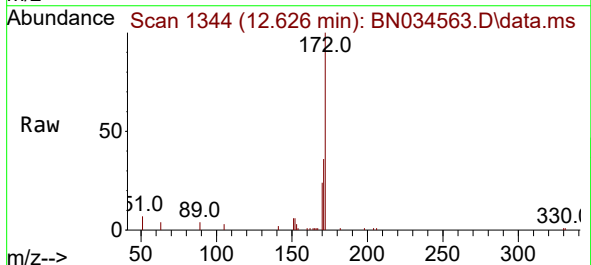
Instrument :
BNA_N
ClientSampleId :
DSN003

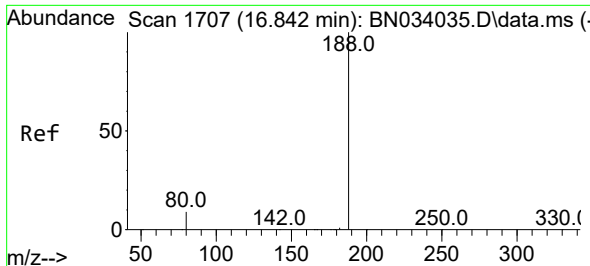
Tgt Ion:330 Resp: 1243
Ion Ratio Lower Upper
330 100
332 119.5 77.4 116.0#
141 36.4 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 12.626 min Scan# 1344
Delta R.T. -0.011 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:172 Resp: 8794
Ion Ratio Lower Upper
172 100
171 35.8 27.3 40.9
170 23.5 18.1 27.1

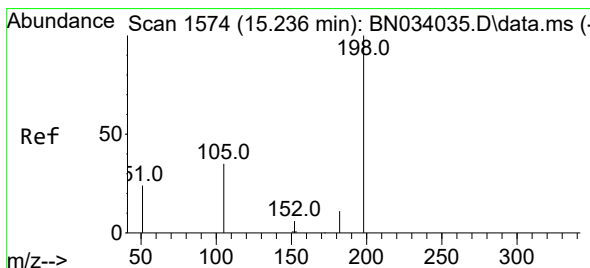
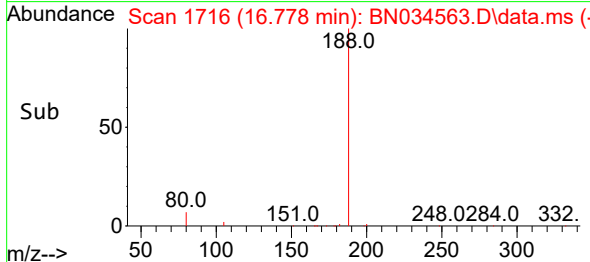
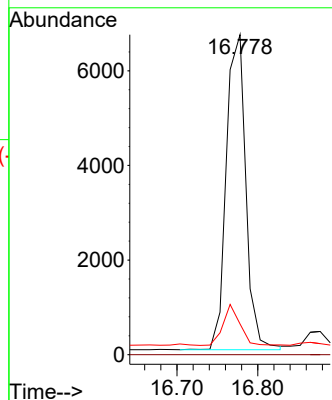
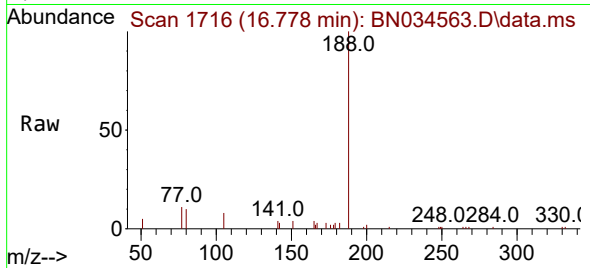




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.778 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

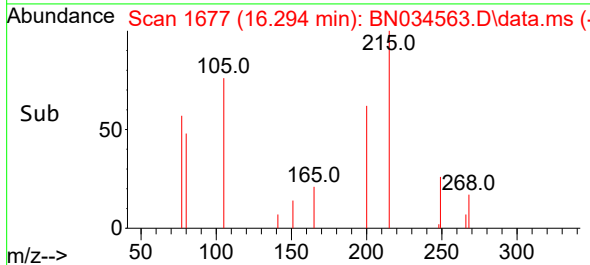
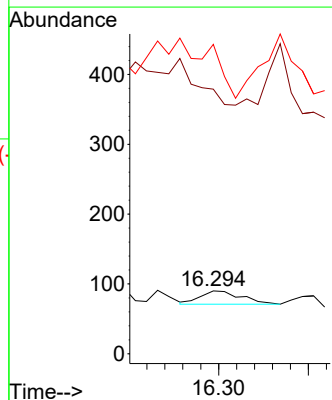
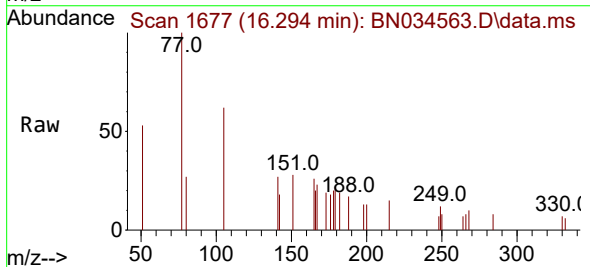
Instrument :
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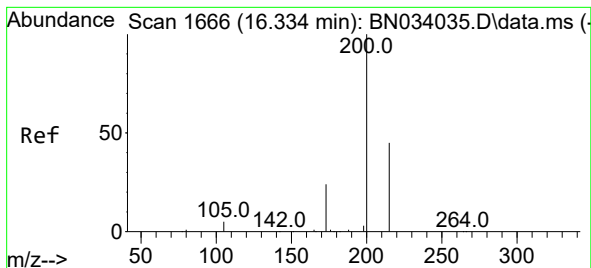
Tgt Ion:188 Resp: 11221
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.6 7.4 11.0



#20
4,6-Dinitro-2-methylphenol
Concen: 0.167 ng
RT: 16.294 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:198 Resp: 60
Ion Ratio Lower Upper
198 100
51 421.1 106.4 159.6#
105 492.2 38.5 57.7#





#23

Atrazine

Concen: 0.023 ng

RT: 16.269 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

Instrument :

BNA_N

ClientSampleId :

DSN003

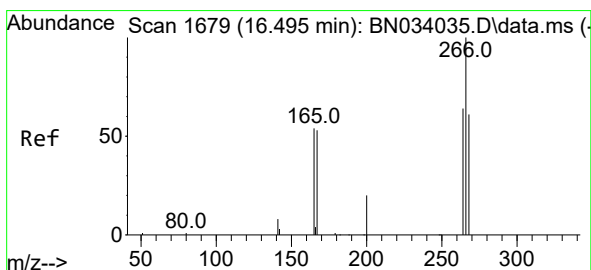
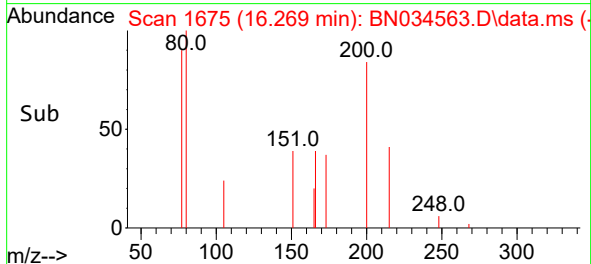
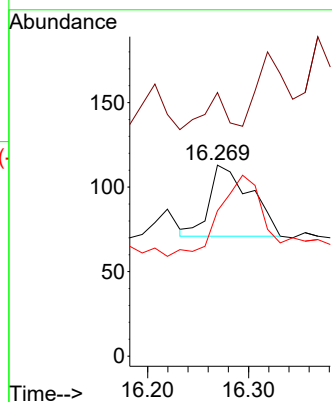
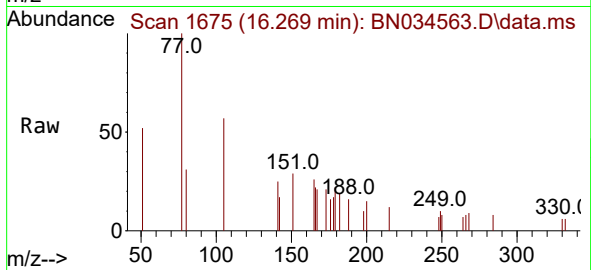
Tgt Ion:200 Resp: 119

Ion Ratio Lower Upper

200 100

173 138.1 20.1 30.1#

215 76.1 37.0 55.6#



#24

Pentachlorophenol

Concen: 0.047 ng

RT: 16.431 min Scan# 1688

Delta R.T. -0.012 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

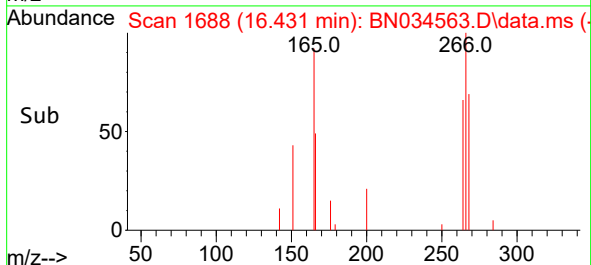
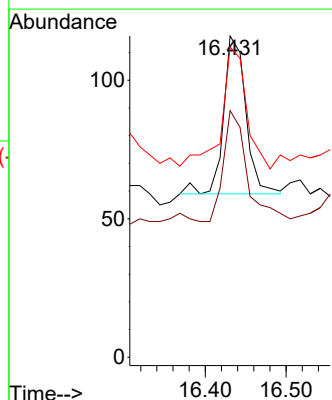
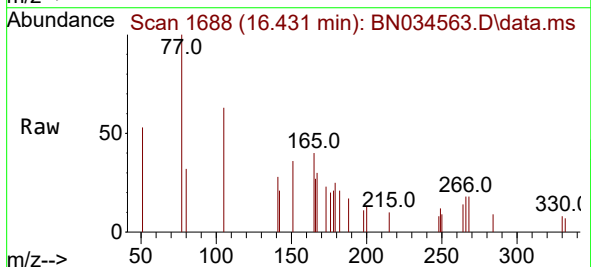
Tgt Ion:266 Resp: 109

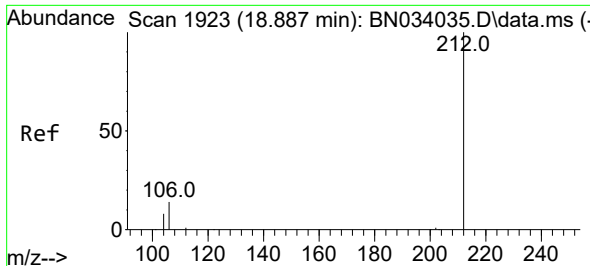
Ion Ratio Lower Upper

266 100

264 75.2 50.2 75.2

268 87.2 51.0 76.4#

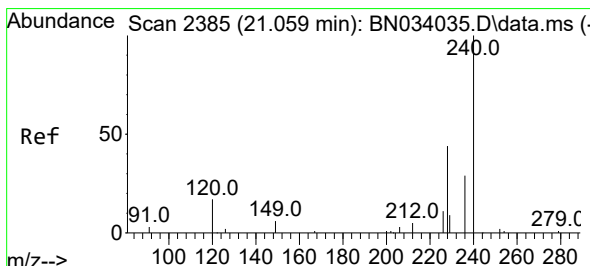
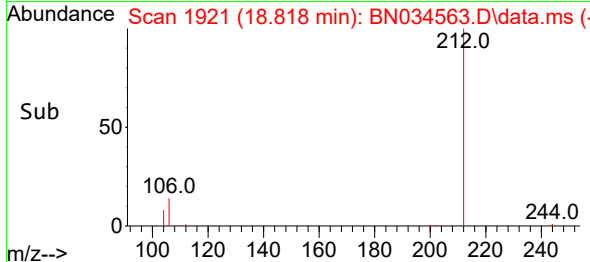
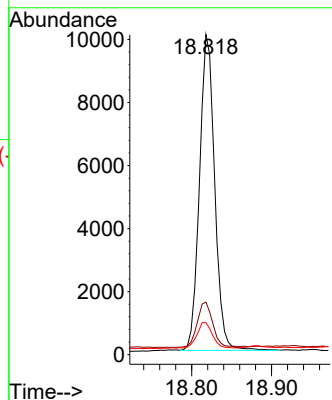
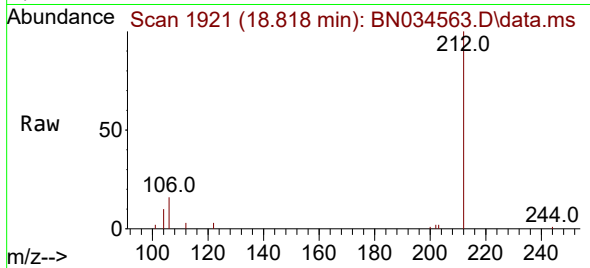




#27
Fluoranthene-d10
Concen: 0.467 ng
RT: 18.818 min Scan# 1921
Delta R.T. -0.009 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

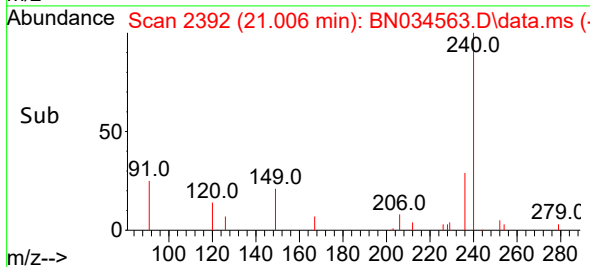
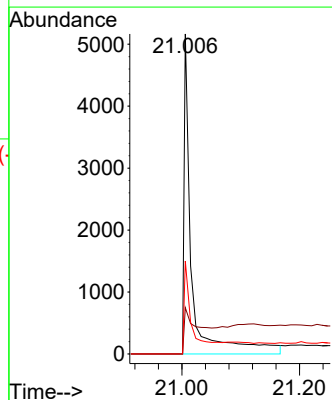
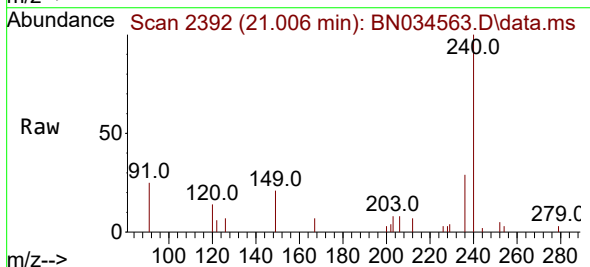
Instrument :
BNA_N
ClientSampleId :
DSN003

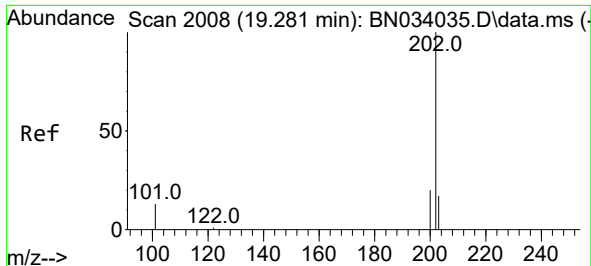
Tgt Ion:212 Resp: 13220
Ion Ratio Lower Upper
212 100
106 14.8 13.4 20.2
104 8.5 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:240 Resp: 5053
Ion Ratio Lower Upper
240 100
120 14.4 13.5 20.3
236 29.1 23.4 35.0

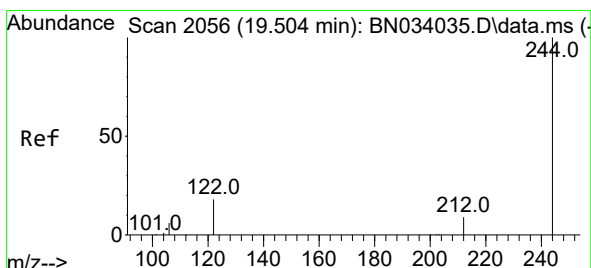
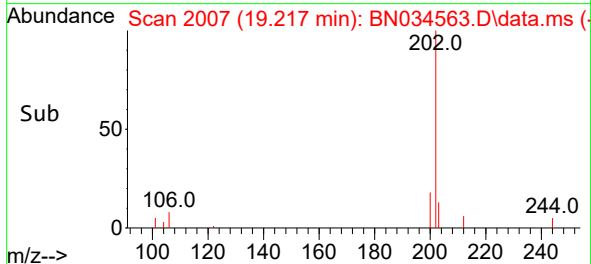
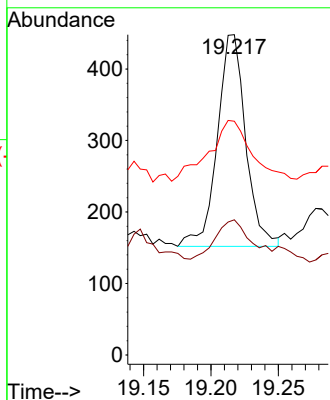
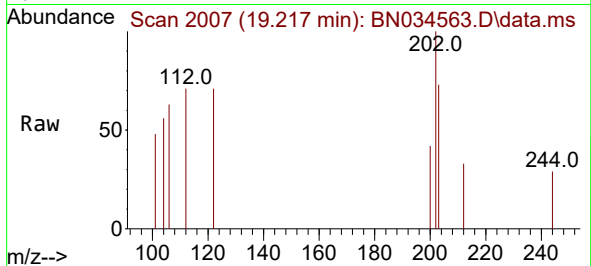




#30
Pyrene
Concen: 0.020 ng
RT: 19.217 min Scan# 2007
Delta R.T. -0.005 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

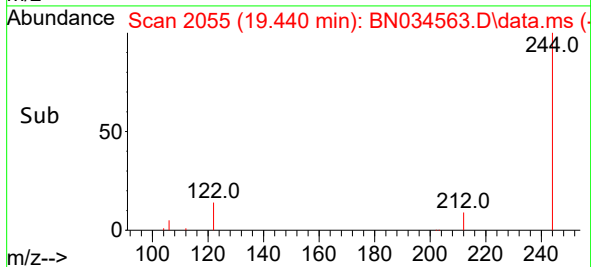
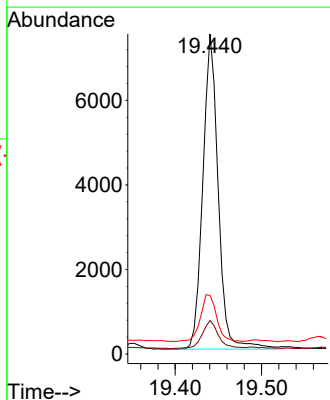
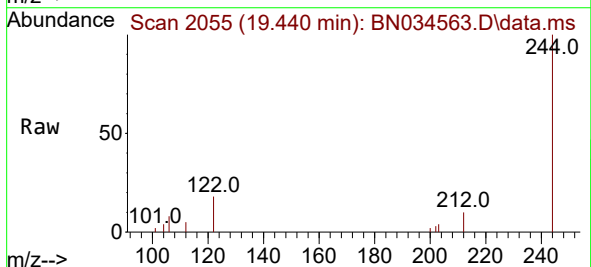
Instrument :
BNA_N
ClientSampleId :
DSN003

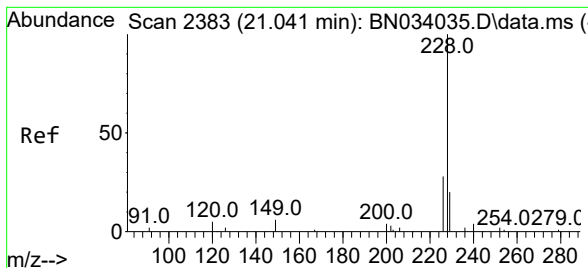
Tgt Ion:202 Resp: 433
Ion Ratio Lower Upper
202 100
200 22.9 16.6 25.0
203 47.3 14.3 21.5#



#31
Terphenyl-d14
Concen: 0.916 ng
RT: 19.440 min Scan# 2055
Delta R.T. -0.009 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Tgt Ion:244 Resp: 9245
Ion Ratio Lower Upper
244 100
212 10.4 7.8 11.6
122 18.3 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.055 ng

RT: 21.033 min Scan# 21

Delta R.T. 0.027 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

Instrument :

BNA_N

ClientSampleId :

DSN003

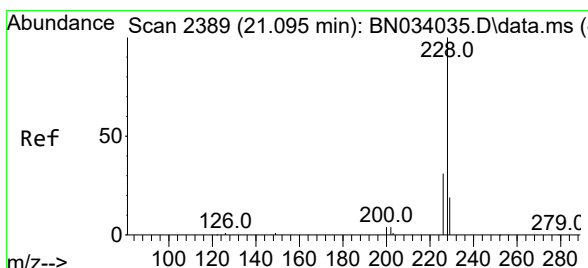
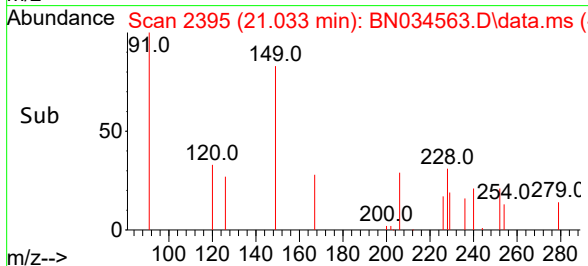
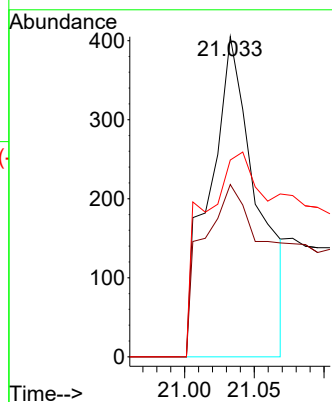
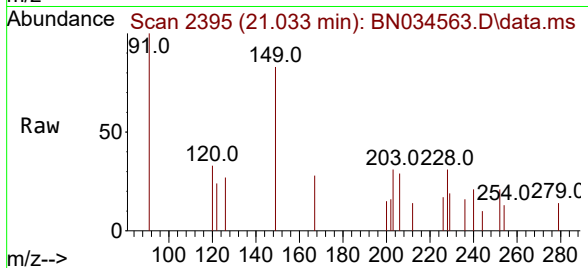
Tgt Ion:228 Resp: 884

Ion Ratio Lower Upper

228 100

226 53.8 22.3 33.5#

229 61.5 15.7 23.5#



#33

Chrysene

Concen: 0.059 ng

RT: 21.033 min Scan# 2395

Delta R.T. -0.009 min

Lab File: BN034563.D

Acq: 11 Oct 2024 19:59

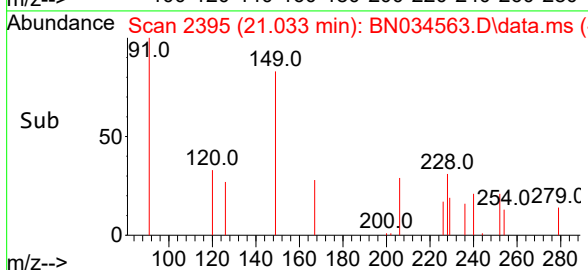
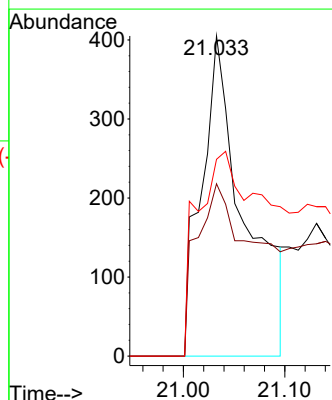
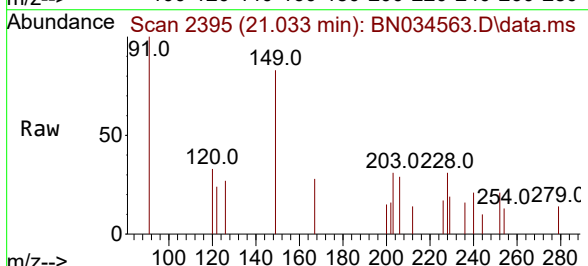
Tgt Ion:228 Resp: 1122

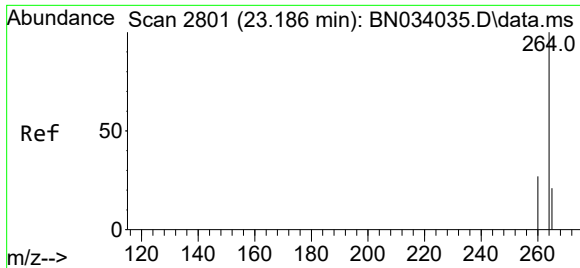
Ion Ratio Lower Upper

228 100

226 53.8 24.6 37.0#

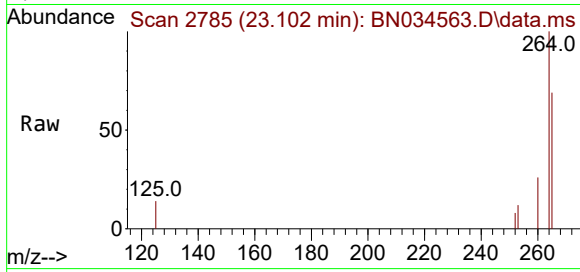
229 61.5 15.5 23.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.102 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034563.D
Acq: 11 Oct 2024 19:59

Instrument :
BNA_N
ClientSampleId :
DSN003



Tgt Ion:264 Resp: 11608
Ion Ratio Lower Upper
264 100
260 26.4 21.7 32.5
265 69.3 52.1 78.1

