

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101424\
 Data File : BN034577.D
 Acq On : 14 Oct 2024 18:38
 Operator : RC/JU
 Sample : P4386-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN003RE

Quant Time: Oct 15 00:05:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 14 17:52:02 2024
 Response via : Initial Calibration

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

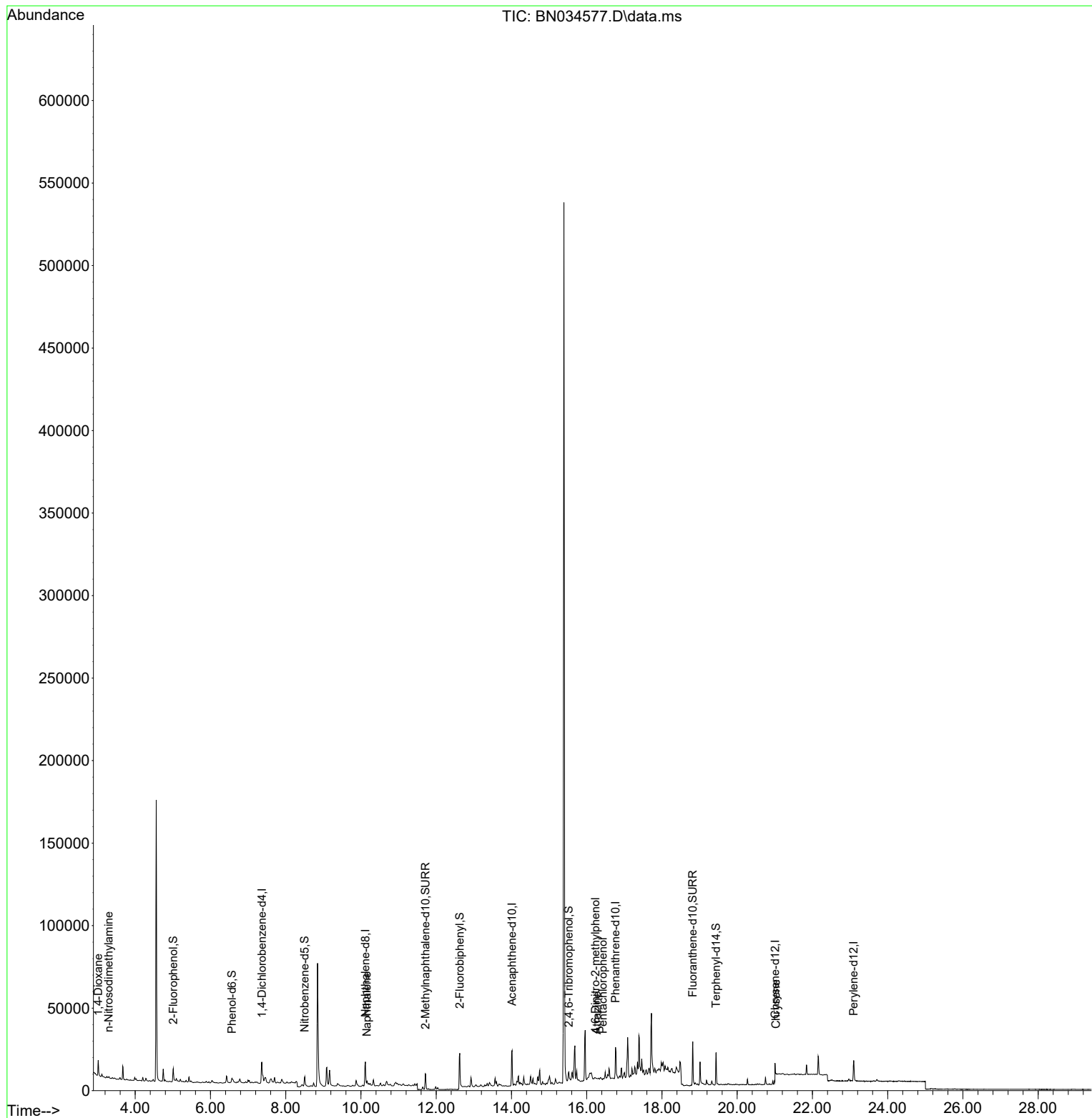
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.366	152	6375	0.400	ng	0.00
7) Naphthalene-d8	10.116	136	21023	0.400	ng	# 0.00
13) Acenaphthene-d10	14.015	164	13591	0.400	ng	0.00
19) Phenanthrene-d10	16.766	188	25704	0.400	ng	#-0.02
29) Chrysene-d12	21.006	240	5336	0.400	ng	0.00
35) Perylene-d12	23.096	264	15705	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.011	112	4608	0.267	ng	0.00
5) Phenol-d6	6.571	99	3510	0.196	ng	0.00
8) Nitrobenzene-d5	8.504	82	5571	0.406	ng	-0.01
11) 2-Methylnaphthalene-d10	11.712	152	13758	0.437	ng	-0.01
14) 2,4,6-Tribromophenol	15.525	330	2937	0.488	ng	0.00
15) 2-Fluorobiphenyl	12.626	172	18287	0.390	ng	-0.01
27) Fluoranthene-d10	18.818	212	28297	0.453	ng	0.00
31) Terphenyl-d14	19.440	244	19145	0.685	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.018	88	5524	0.718	ng	# 84
3) n-Nitrosodimethylamine	3.292	42	180	0.026	ng	# 1
9) Naphthalene	10.159	128	1302	0.024	ng	# 36
20) 4,6-Dinitro-2-methylph...	16.232	198	52	0.147	ng	# 1
23) Atrazine	16.269	200	333	0.030	ng	# 1
24) Pentachlorophenol	16.431	266	209	0.039	ng	92
33) Chrysene	21.033	228	1869	0.039	ng	# 32

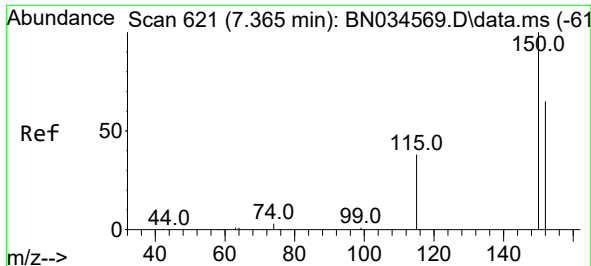
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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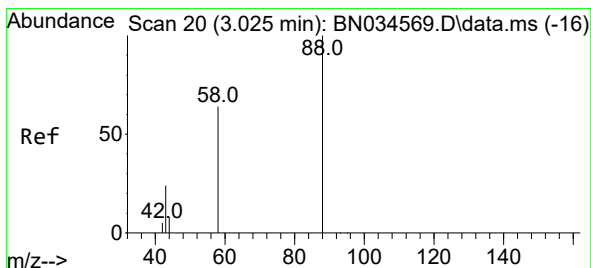
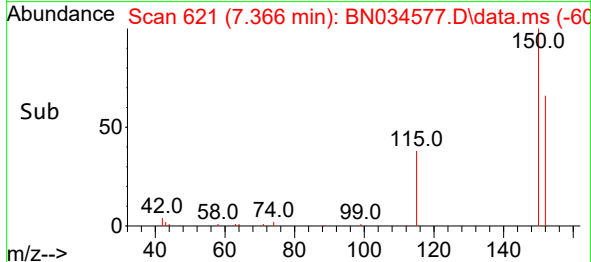
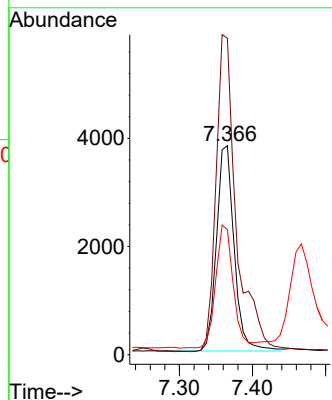
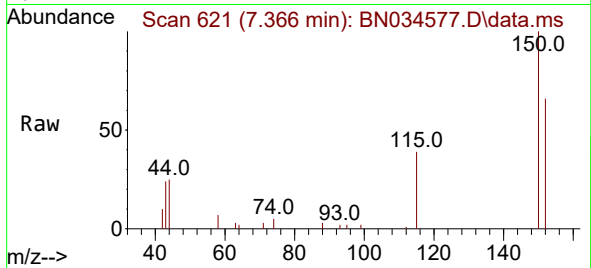




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.366 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: BN034577.D
 Acq: 14 Oct 2024 18:38

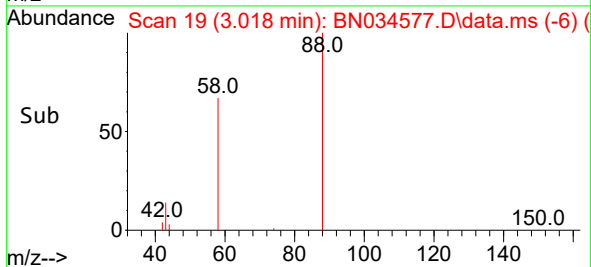
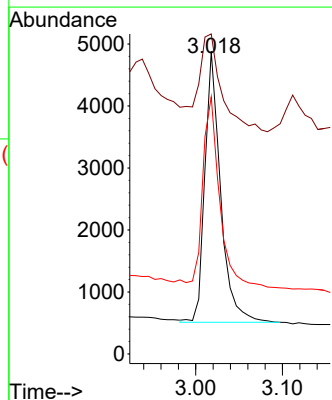
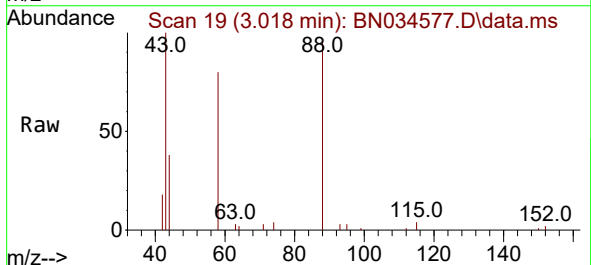
Instrument :
 BNA_N
 ClientSampleId :
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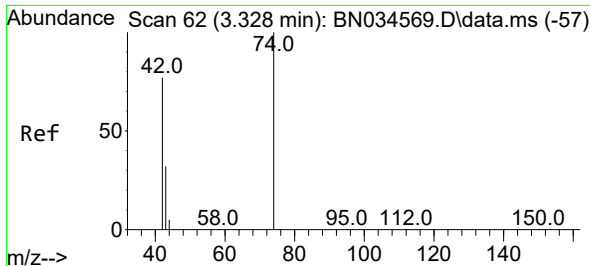
Tgt Ion:152 Resp: 6375
 Ion Ratio Lower Upper
 152 100
 150 151.4 122.0 183.0
 115 59.8 48.3 72.5



#2
 1,4-Dioxane
 Concen: 0.718 ng
 RT: 3.018 min Scan# 19
 Delta R.T. -0.007 min
 Lab File: BN034577.D
 Acq: 14 Oct 2024 18:38

Tgt Ion: 88 Resp: 5524
 Ion Ratio Lower Upper
 88 100
 43 48.8 22.8 34.2#
 58 75.7 56.4 84.6

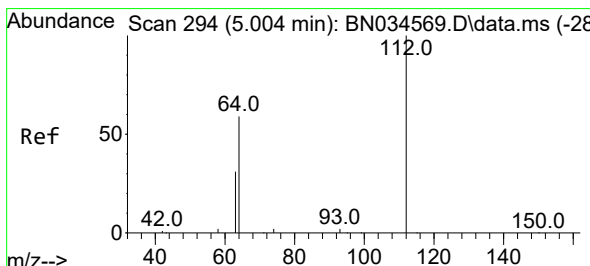
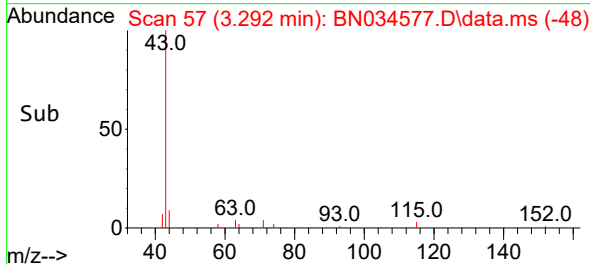
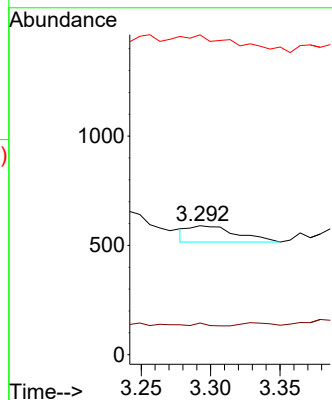
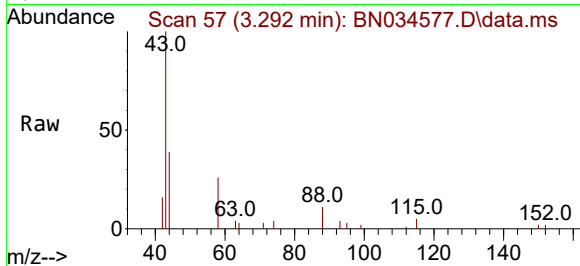




#3
n-Nitrosodimethylamine
Concen: 0.026 ng
RT: 3.292 min Scan# 51
Delta R.T. -0.036 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

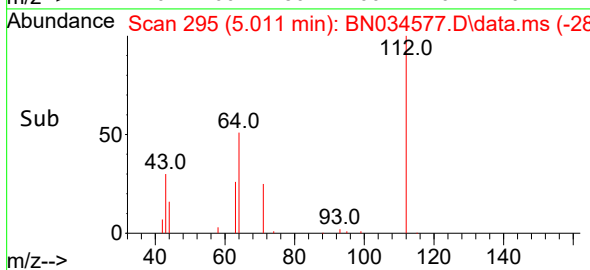
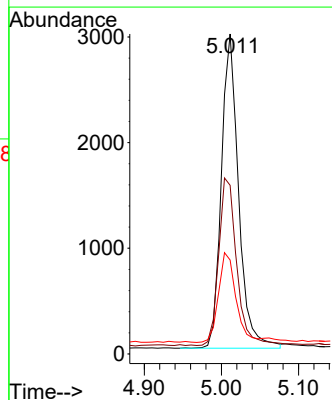
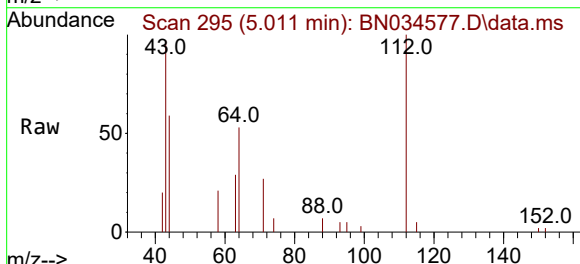
Instrument :
BNA_N
ClientSampleId :
DSN003RE

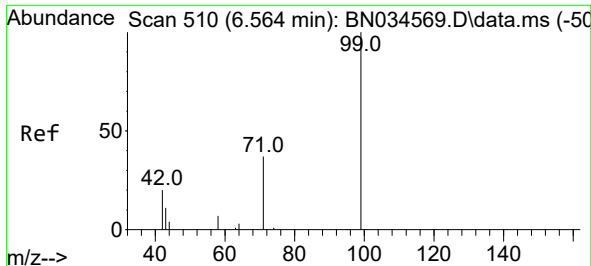
Tgt Ion: 42 Resp: 180
Ion Ratio Lower Upper
42 100
74 3.3 99.0 148.6#
44 127.2 6.6 9.8#



#4
2-Fluorophenol
Concen: 0.267 ng
RT: 5.011 min Scan# 295
Delta R.T. 0.007 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion: 112 Resp: 4608
Ion Ratio Lower Upper
112 100
64 55.8 44.6 66.8
63 30.1 23.8 35.6

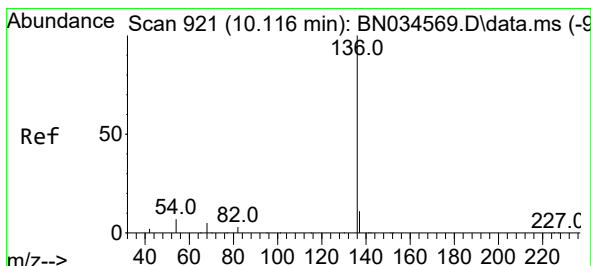
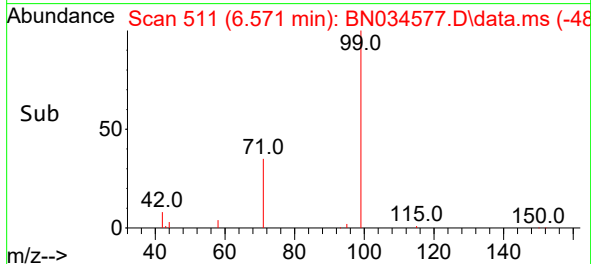
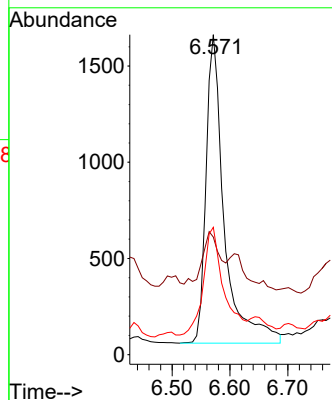
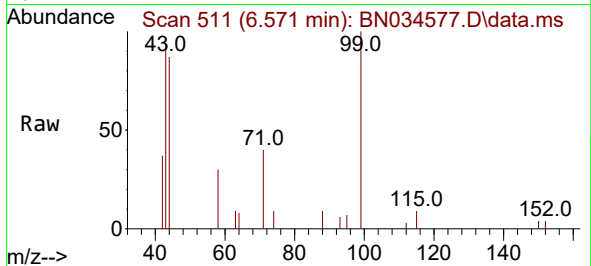




#5
Phenol-d6
Concen: 0.196 ng
RT: 6.571 min Scan# 511
Delta R.T. 0.007 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

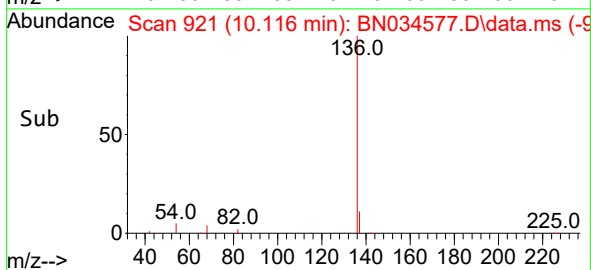
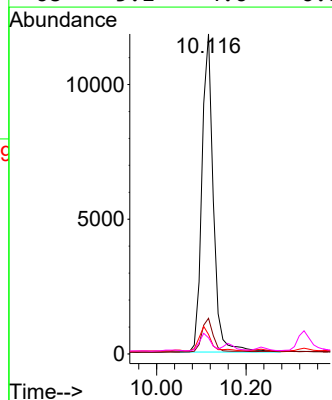
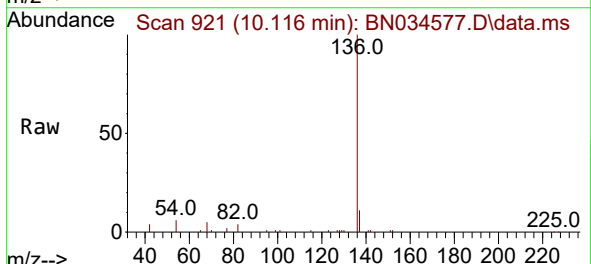
Instrument :
BNA_N
ClientSampleId :
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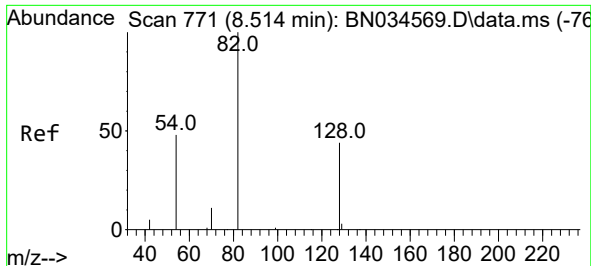
Tgt Ion: 99 Resp: 3510
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.6
71 39.3 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.116 min Scan# 921
Delta R.T. 0.000 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion: 136 Resp: 21023
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 6.1 6.2 9.4#
68 5.1 4.6 6.8

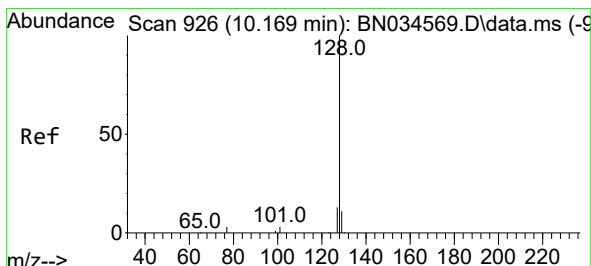
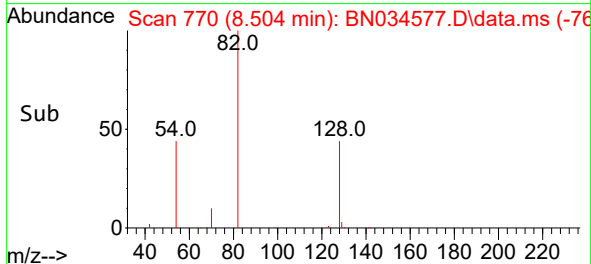
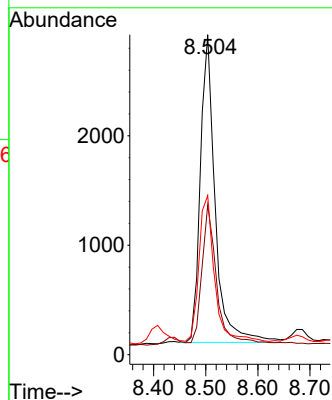
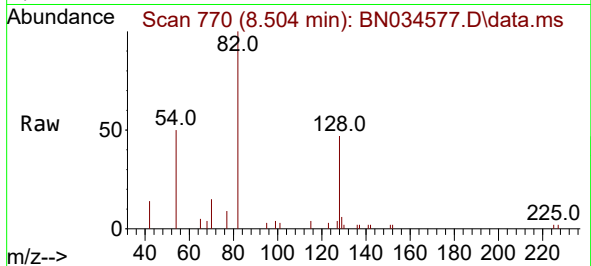




#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.504 min Scan# 771
Delta R.T. -0.010 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

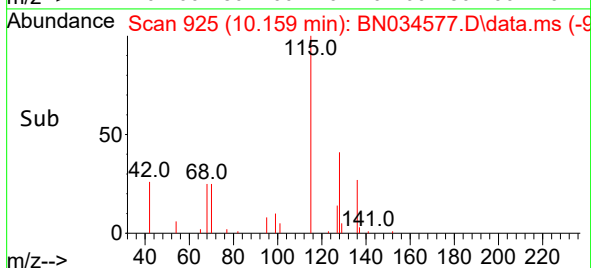
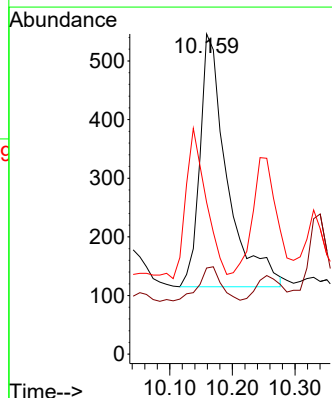
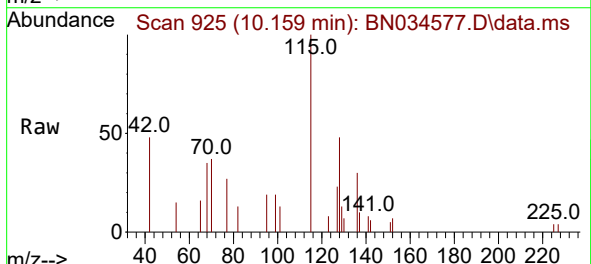
Instrument :
BNA_N
ClientSampleId :
DSN003RE

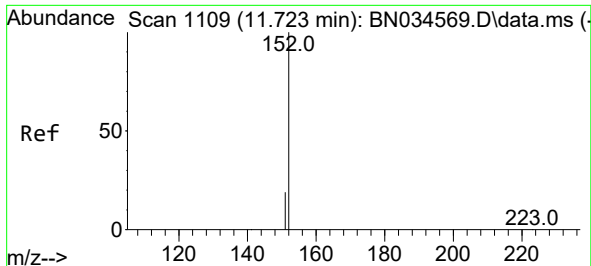
Tgt Ion: 82 Resp: 5571
Ion Ratio Lower Upper
82 100
128 46.8 38.0 57.0
54 49.7 40.6 60.8



#9
Naphthalene
Concen: 0.024 ng
RT: 10.159 min Scan# 925
Delta R.T. -0.010 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion: 128 Resp: 1302
Ion Ratio Lower Upper
128 100
129 26.9 9.3 13.9#
127 47.4 10.8 16.2#

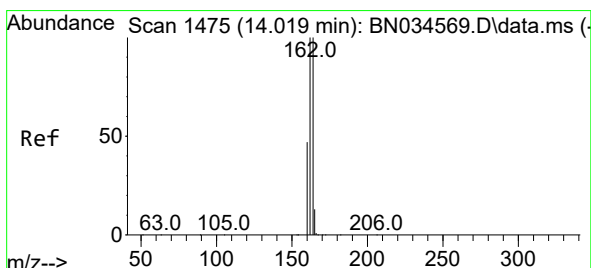
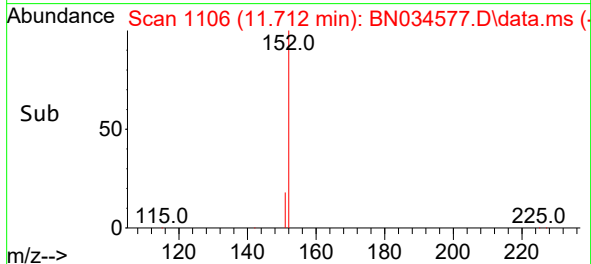
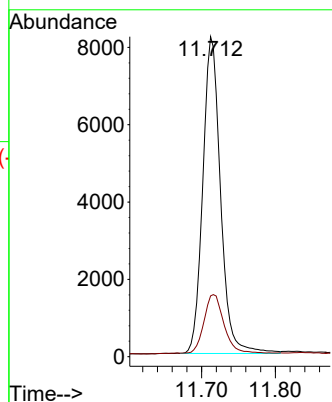
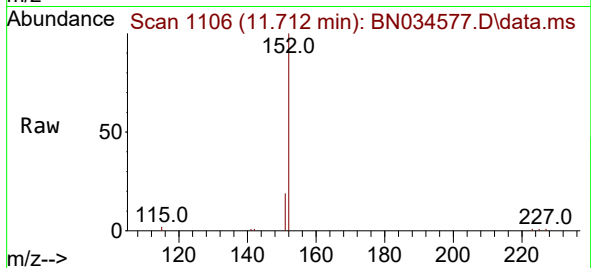




#11
2-Methylnaphthalene-d10
Concen: 0.437 ng
RT: 11.712 min Scan# 1106
Delta R.T. -0.011 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

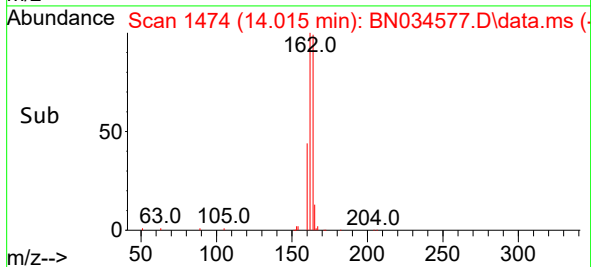
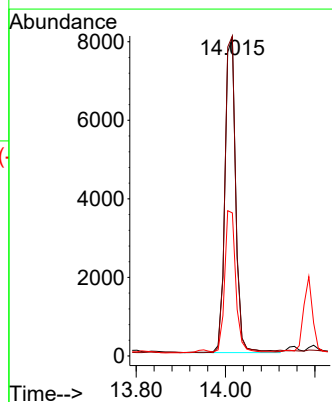
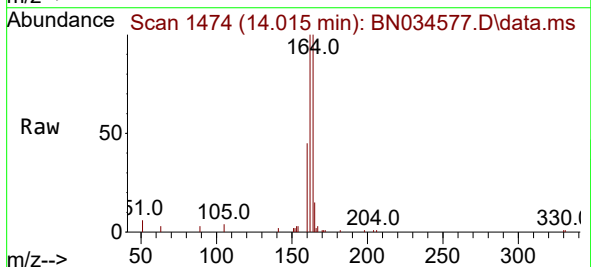
Instrument :
BNA_N
ClientSampleId :
DSN003RE

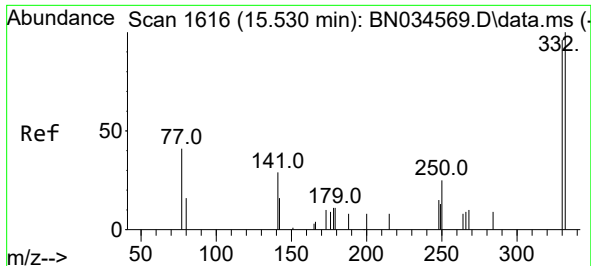
Tgt Ion:152 Resp: 13758
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.015 min Scan# 1474
Delta R.T. -0.004 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion:164 Resp: 13591
Ion Ratio Lower Upper
164 100
162 100.4 79.7 119.5
160 44.9 37.9 56.9

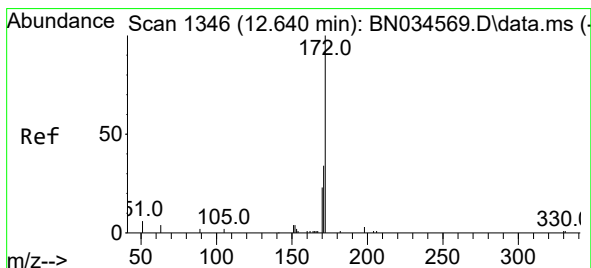
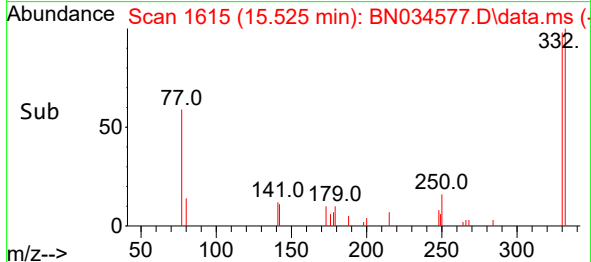
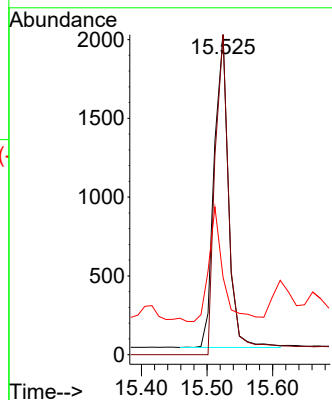
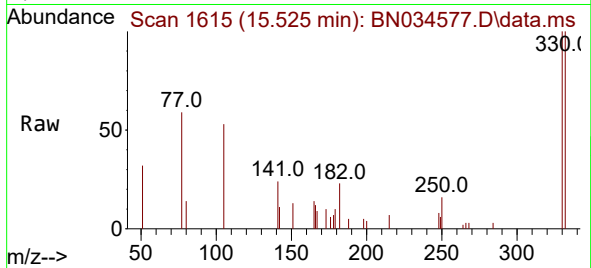




#14
 2,4,6-Tribromophenol
 Concen: 0.488 ng
 RT: 15.525 min Scan# 1
 Delta R.T. -0.005 min
 Lab File: BN034577.D
 Acq: 14 Oct 2024 18:38

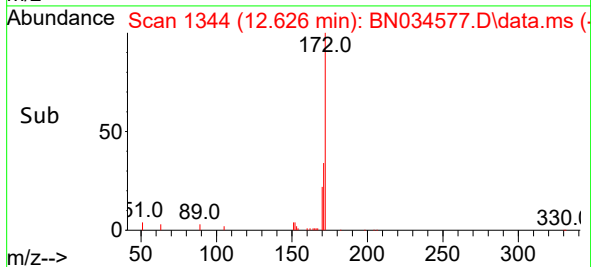
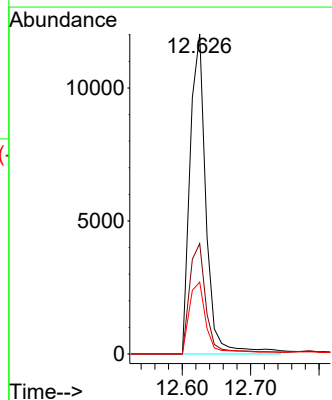
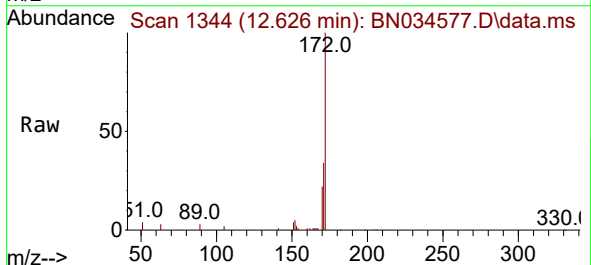
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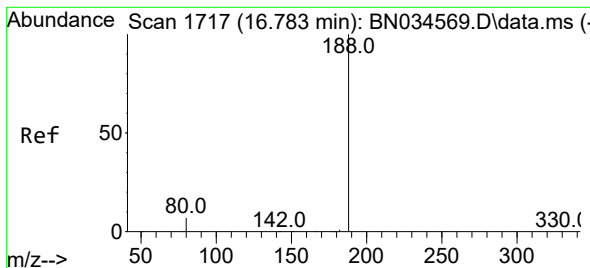
Tgt Ion:330 Resp: 2937
 Ion Ratio Lower Upper
 330 100
 332 106.8 104.3 156.5
 141 37.8 29.4 44.0



#15
 2-Fluorobiphenyl
 Concen: 0.390 ng
 RT: 12.626 min Scan# 1344
 Delta R.T. -0.014 min
 Lab File: BN034577.D
 Acq: 14 Oct 2024 18:38

Tgt Ion:172 Resp: 18287
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.1 40.7
 170 22.5 18.5 27.7





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.766 min Scan# 1

Delta R.T. -0.018 min

Lab File: BN034577.D

Acq: 14 Oct 2024 18:38

Instrument :

BNA_N

ClientSampleId :

DSN003RE

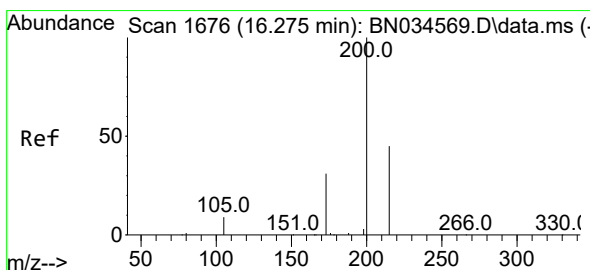
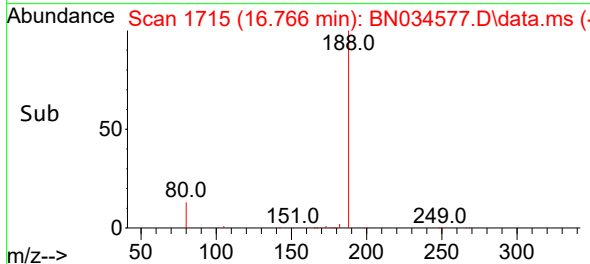
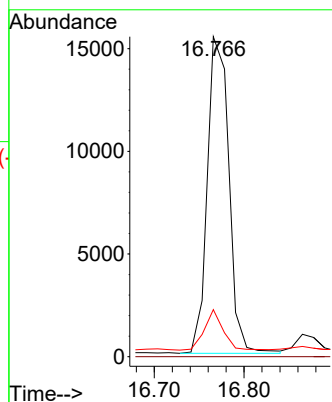
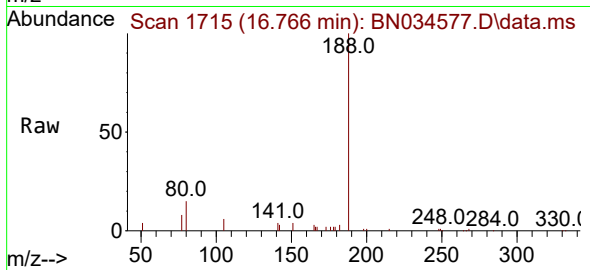
Tgt Ion:188 Resp: 25704

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.7 6.3 9.5#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.147 ng

RT: 16.232 min Scan# 1672

Delta R.T. -0.043 min

Lab File: BN034577.D

Acq: 14 Oct 2024 18:38

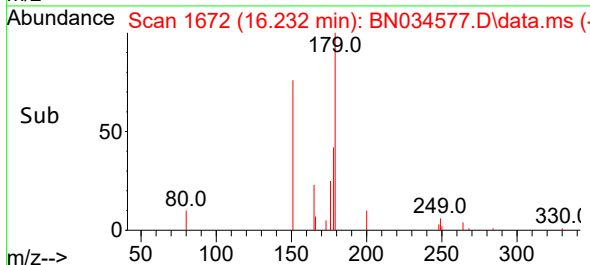
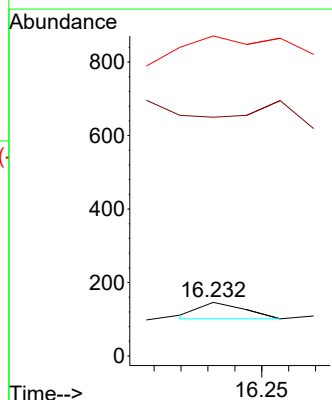
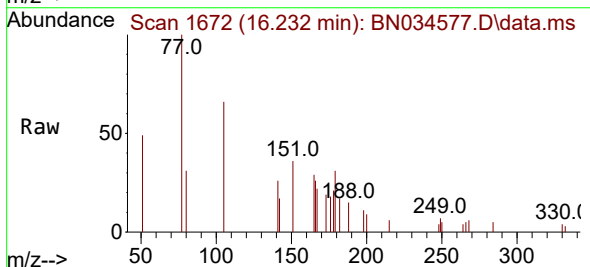
Tgt Ion:198 Resp: 52

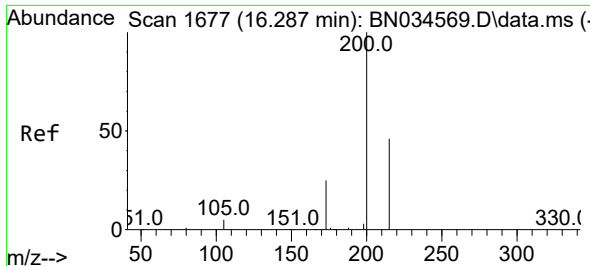
Ion Ratio Lower Upper

198 100

51 445.2 174.8 262.2#

105 596.6 167.9 251.9#

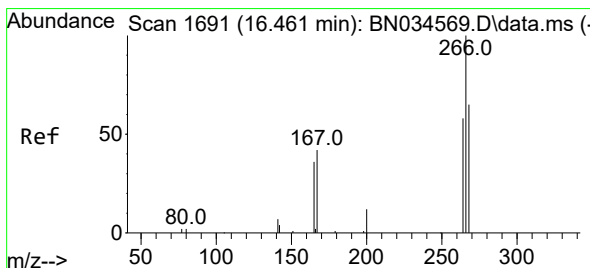
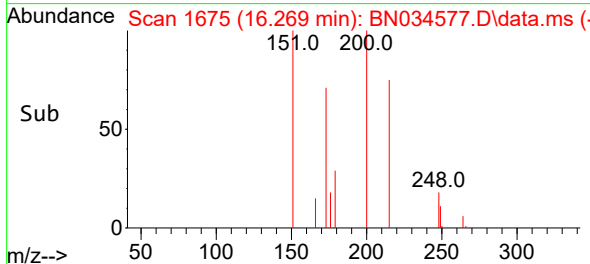
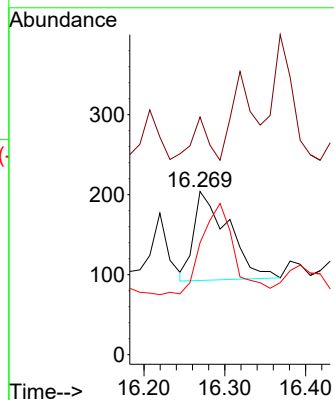
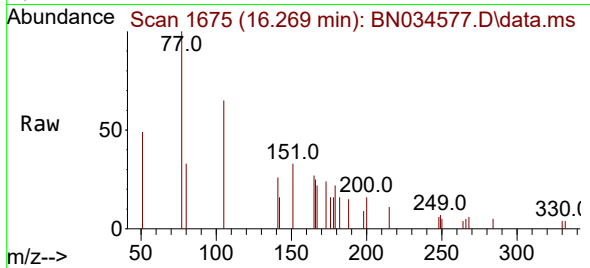




#23
Atrazine
Concen: 0.030 ng
RT: 16.269 min Scan# 1675
Delta R.T. -0.018 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

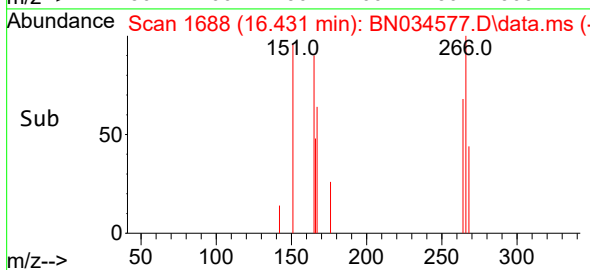
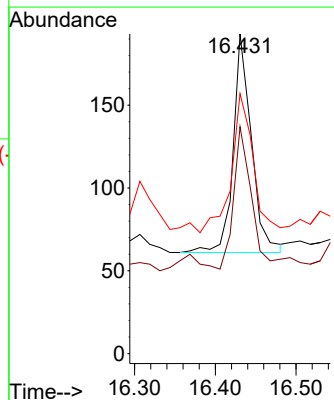
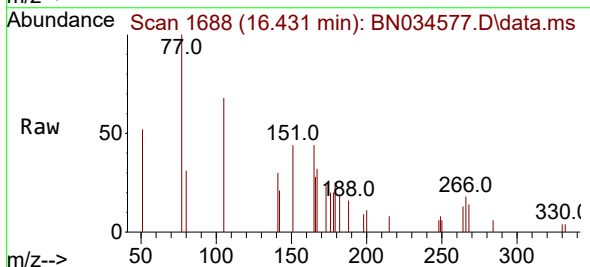
Instrument :
BNA_N
ClientSampleId :
DSN003RE

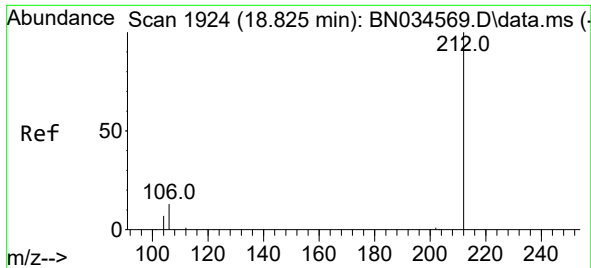
Tgt Ion:200 Resp: 333
Ion Ratio Lower Upper
200 100
173 145.6 22.9 34.3#
215 68.6 38.8 58.2#



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.431 min Scan# 1688
Delta R.T. -0.030 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion:266 Resp: 209
Ion Ratio Lower Upper
266 100
264 68.9 46.6 69.8
268 66.5 52.0 78.0

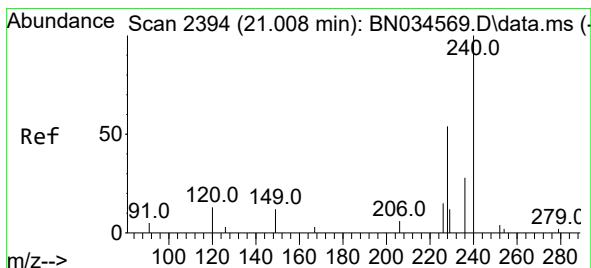
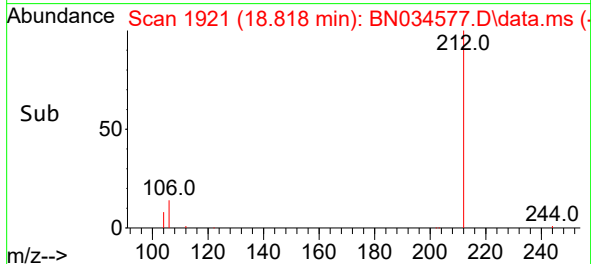
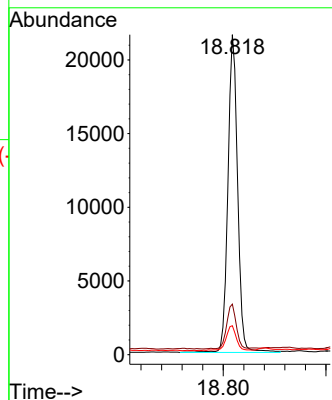
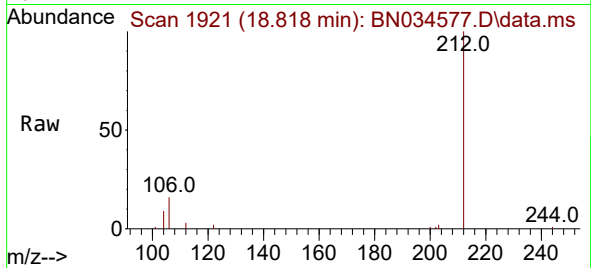




#27
Fluoranthene-d10
Concen: 0.453 ng
RT: 18.818 min Scan# 1921
Delta R.T. -0.007 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

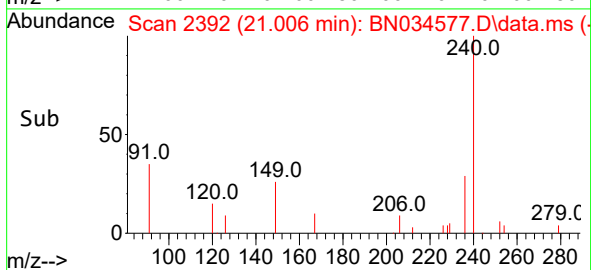
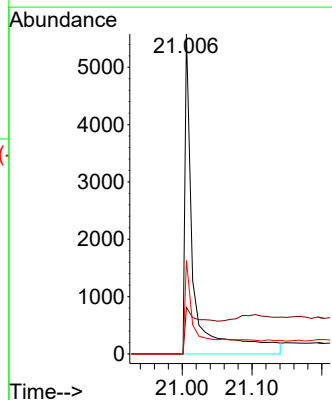
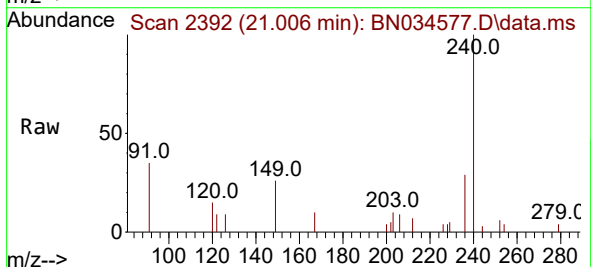
Instrument :
BNA_N
ClientSampleId :
DSN003RE

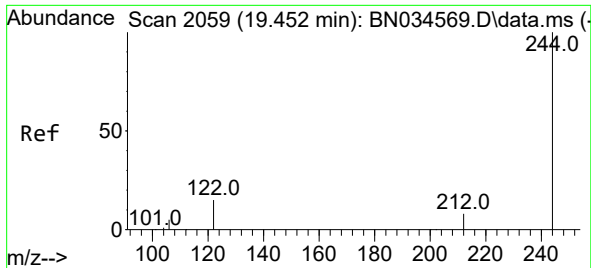
Tgt Ion:212 Resp: 28297
Ion Ratio Lower Upper
212 100
106 13.7 11.1 16.7
104 8.2 6.5 9.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.006 min Scan# 2392
Delta R.T. -0.002 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Tgt Ion:240 Resp: 5336
Ion Ratio Lower Upper
240 100
120 14.5 10.1 15.1
236 29.2 22.6 34.0

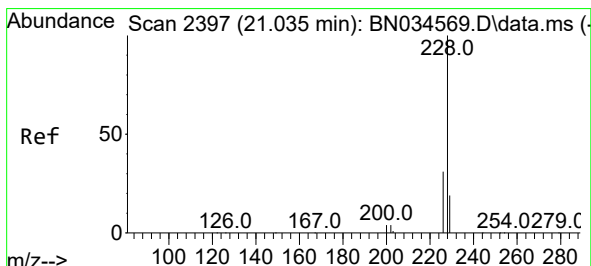
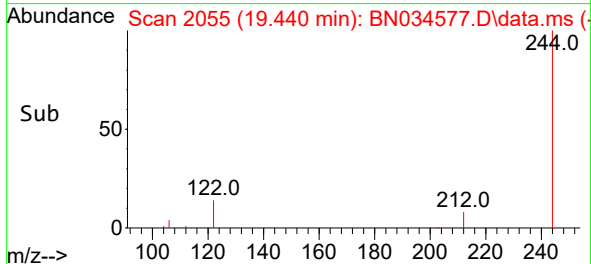
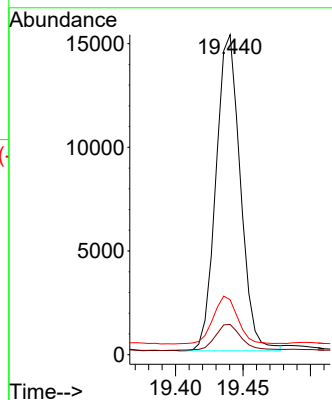
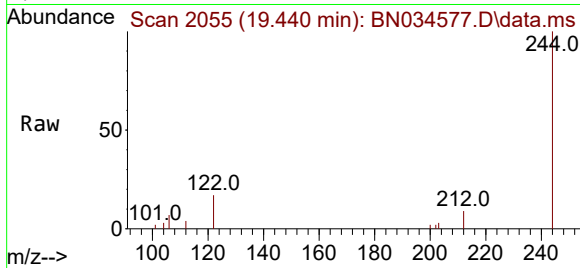




#31
Terphenyl-d14
Concen: 0.685 ng
RT: 19.440 min Scan# 2059
Delta R.T. -0.012 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

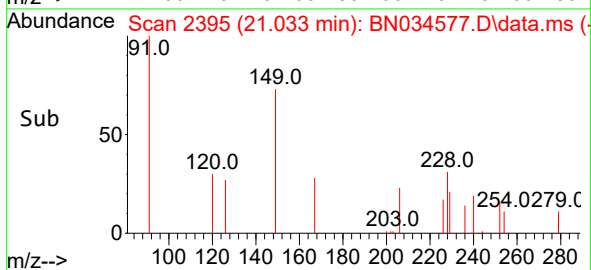
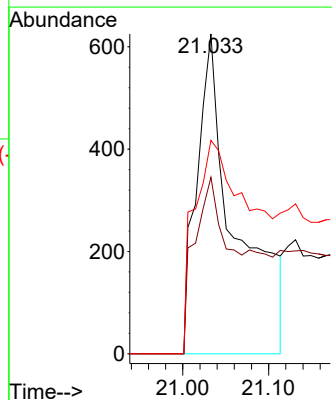
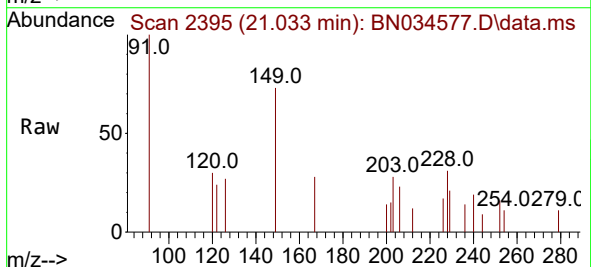
Instrument :
BNA_N
ClientSampleId :
DSN003RE

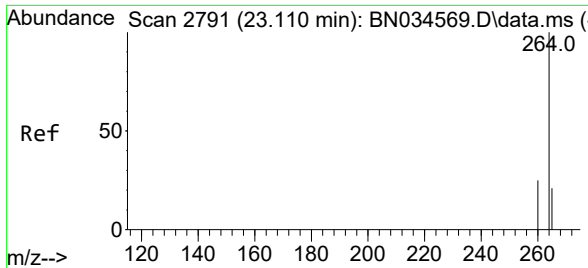
Tgt Ion:244 Resp: 19145
Ion Ratio Lower Upper
244 100
212 9.4 7.7 11.5
122 17.2 12.6 19.0



#33
Chrysene
Concen: 0.039 ng
RT: 21.033 min Scan# 2395
Delta R.T. -0.002 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

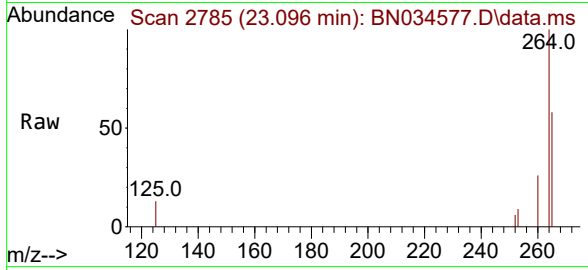
Tgt Ion:228 Resp: 1869
Ion Ratio Lower Upper
228 100
226 55.2 24.4 36.6#
229 66.7 15.8 23.6#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.096 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN034577.D
Acq: 14 Oct 2024 18:38

Instrument :
BNA_N
ClientSampleId :
DSN003RE



Tgt Ion:264 Resp: 15705
Ion Ratio Lower Upper
264 100
260 26.0 20.9 31.3
265 57.6 61.6 92.4#

