

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
 Data File : BN035996.D
 Acq On : 20 Jan 2025 13:27
 Operator : RC/JU
 Sample : Q1113-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN003

Quant Time: Jan 20 13:51:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

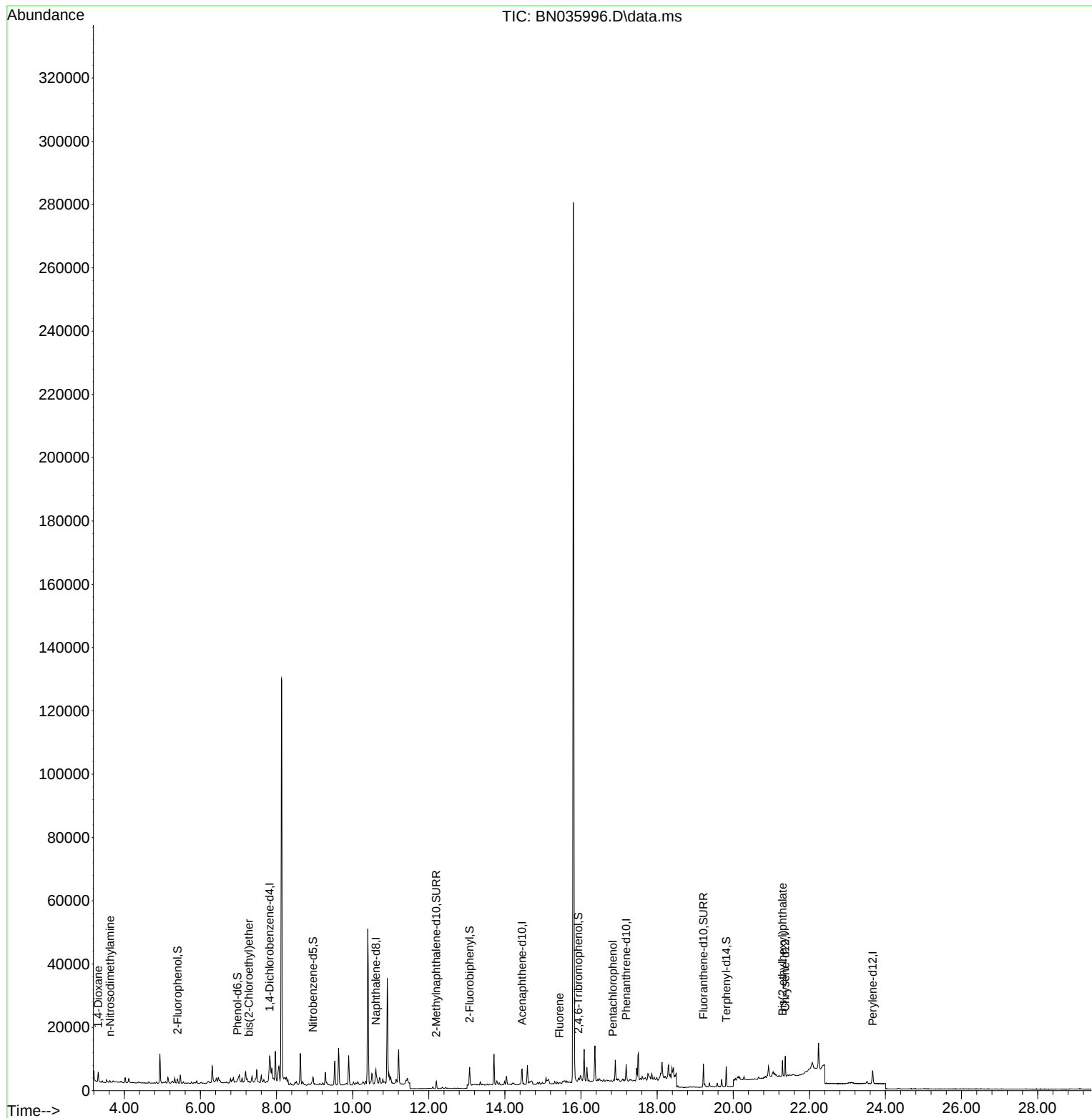
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	2494	0.400	ng	-0.02
7) Naphthalene-d8	10.611	136	5208	0.400	ng	#-0.01
13) Acenaphthene-d10	14.452	164	3082	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	5815	0.400	ng	#-0.02
29) Chrysene-d12	21.367	240	5337	0.400	ng	-0.02
35) Perylene-d12	23.663	264	5620	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.398	112	938	0.153	ng	-0.01
5) Phenol-d6	6.972	99	689	0.091	ng	-0.01
8) Nitrobenzene-d5	8.956	82	2047	0.496	ng	-0.03
11) 2-Methylnaphthalene-d10	12.198	152	2887	0.414	ng	-0.02
14) 2,4,6-Tribromophenol	15.933	330	547	0.370	ng	-0.02
15) 2-Fluorobiphenyl	13.073	172	4502	0.333	ng	-0.02
27) Fluoranthene-d10	19.216	212	7720	0.535	ng	-0.02
31) Terphenyl-d14	19.815	244	5889	0.554	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	1738	0.702	ng	# 92
3) n-Nitrosodimethylamine	3.628	42	99	0.023	ng	# 68
6) bis(2-Chloroethyl)ether	7.268	93	390	0.067	ng	# 33
18) Fluorene	15.436	166	512	0.049	ng	# 12
24) Pentachlorophenol	16.839	266	71	0.037	ng	88
34) Bis(2-ethylhexyl)phtha...	21.295	149	4310	0.563	ng	# 88

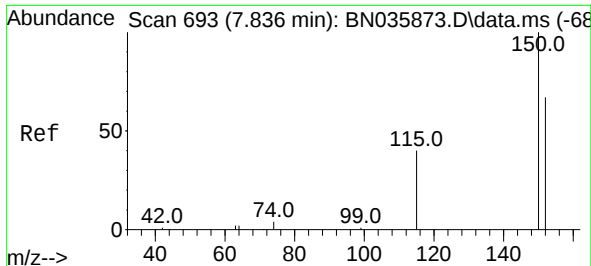
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012025\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
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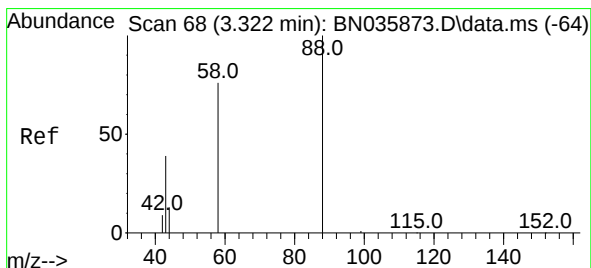
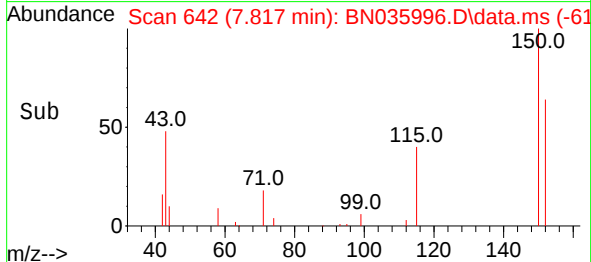
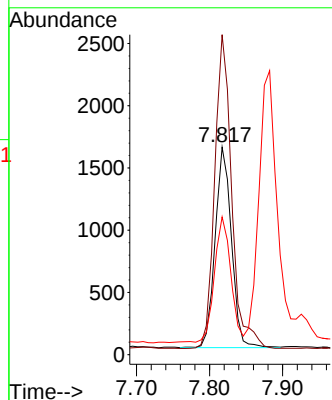
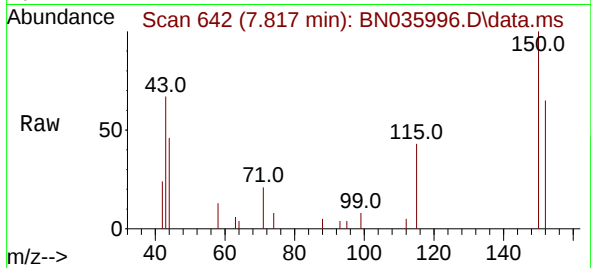




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.817 min Scan# 64
 Delta R.T. -0.019 min
 Lab File: BN035996.D
 Acq: 20 Jan 2025 13:27

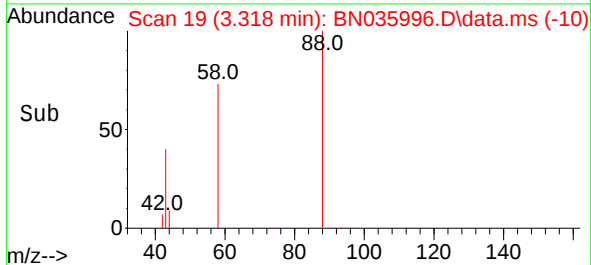
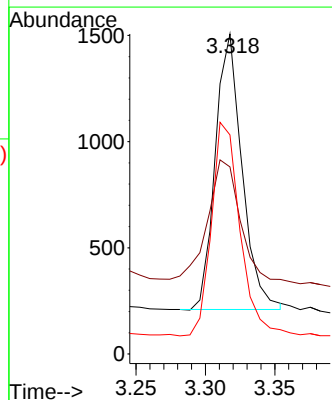
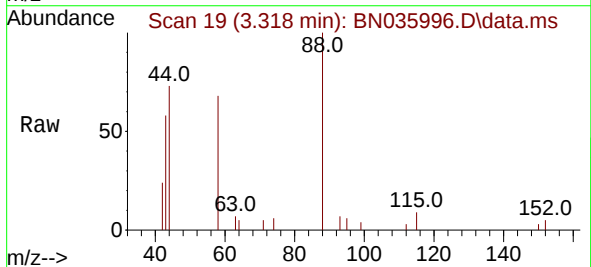
Instrument :
 BNA_N
 ClientSampleId :
 DSN003

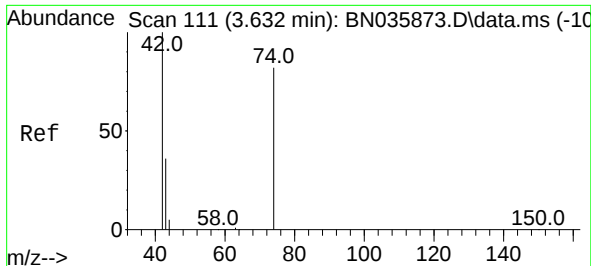
Tgt Ion:152 Resp: 2494
 Ion Ratio Lower Upper
 152 100
 150 154.1 117.8 176.6
 115 66.4 51.0 76.4



#2
 1,4-Dioxane
 Concen: 0.702 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035996.D
 Acq: 20 Jan 2025 13:27

Tgt Ion: 88 Resp: 1738
 Ion Ratio Lower Upper
 88 100
 43 50.9 32.7 49.1#
 58 82.6 63.0 94.4

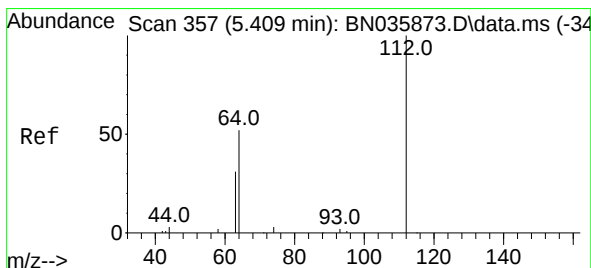
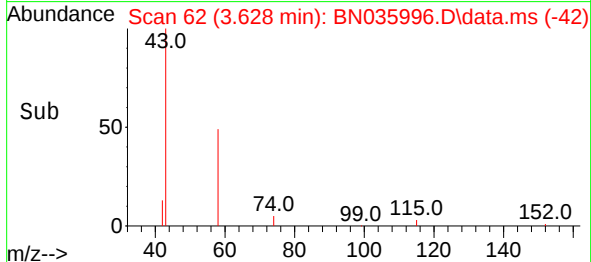
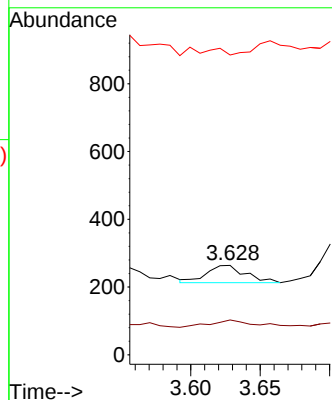
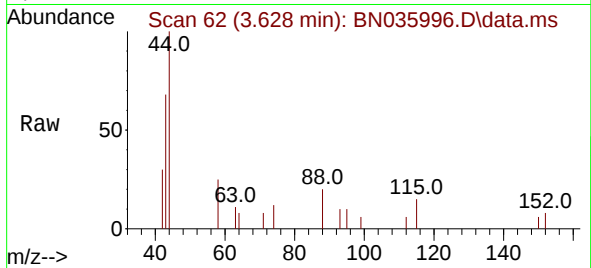




#3
n-Nitrosodimethylamine
Concen: 0.023 ng
RT: 3.628 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

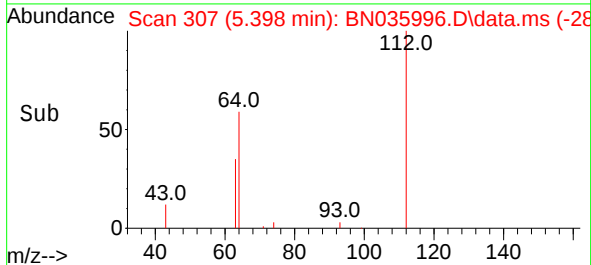
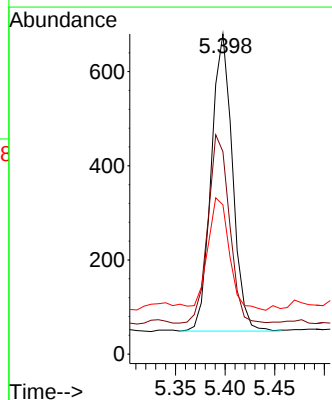
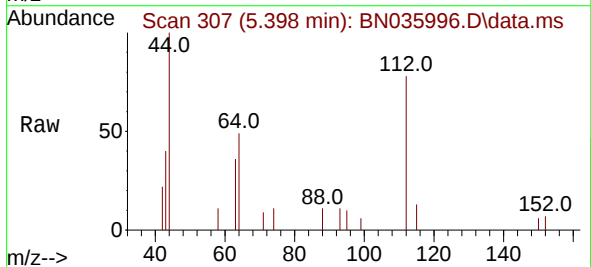
Instrument :
BNA_N
ClientSampleId :
DSN003

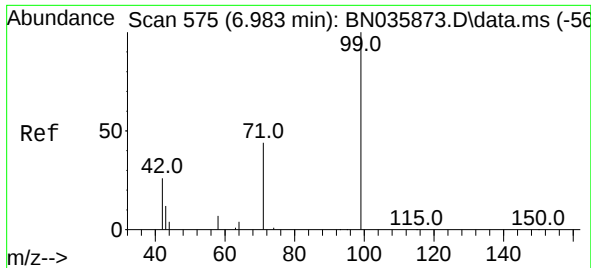
Tgt Ion: 42 Resp: 99
Ion Ratio Lower Upper
42 100
74 49.5 62.2 93.2#
44 0.0 7.1 10.7#



#4
2-Fluorophenol
Concen: 0.153 ng
RT: 5.398 min Scan# 307
Delta R.T. -0.011 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion: 112 Resp: 938
Ion Ratio Lower Upper
112 100
64 64.0 48.2 72.2
63 38.4 30.0 45.0

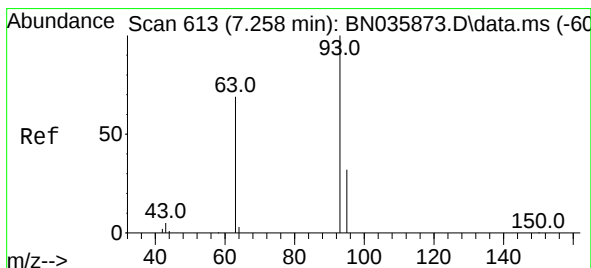
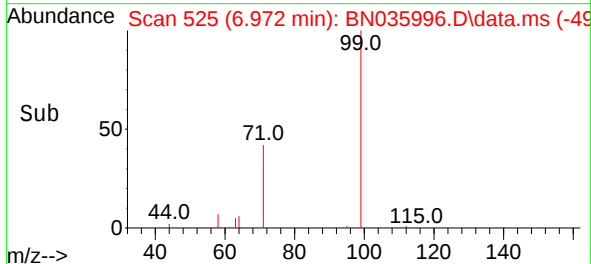
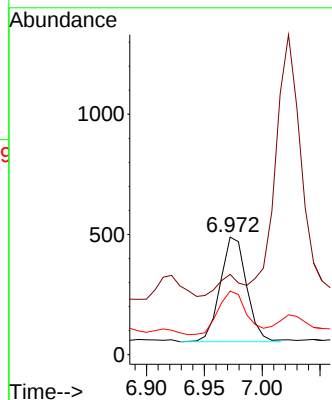
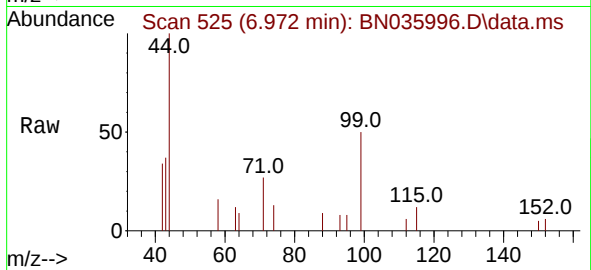




#5
Phenol-d6
Concen: 0.091 ng
RT: 6.972 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

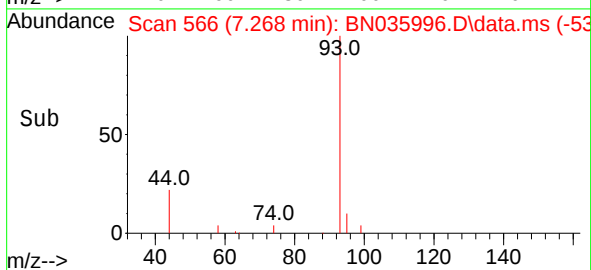
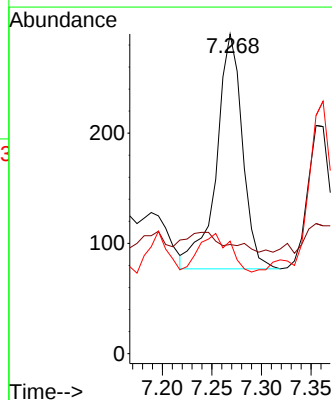
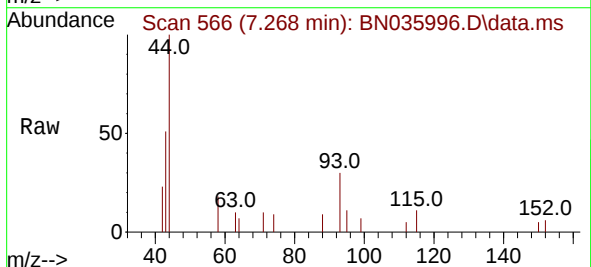
Instrument :
BNA_N
ClientSampleId :
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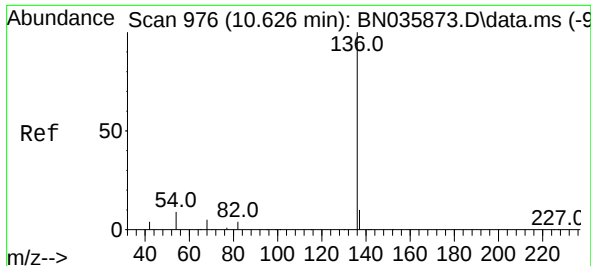
Tgt Ion: 99 Resp: 689
Ion Ratio Lower Upper
99 100
42 22.1 23.5 35.3#
71 45.9 35.5 53.3



#6
bis(2-Chloroethyl)ether
Concen: 0.067 ng
RT: 7.268 min Scan# 566
Delta R.T. 0.011 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion: 93 Resp: 390
Ion Ratio Lower Upper
93 100
63 0.0 62.0 93.0#
95 24.1 25.5 38.3#

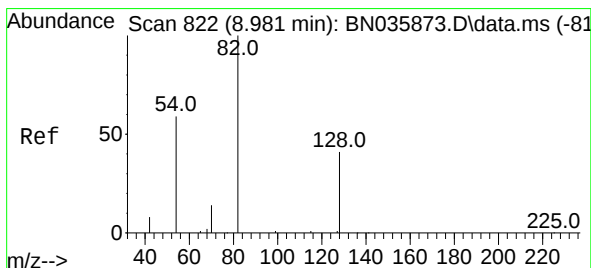
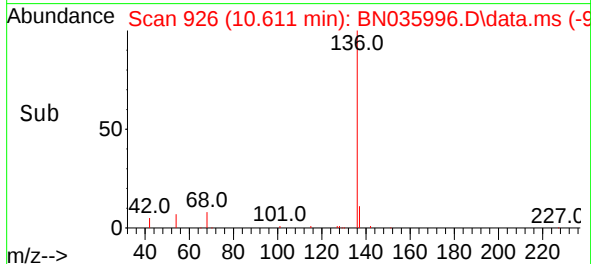
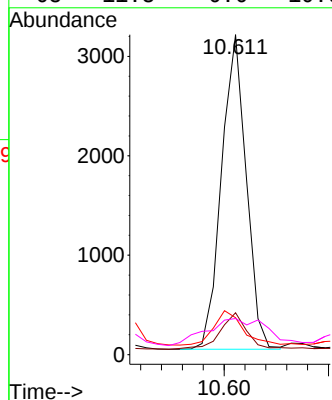
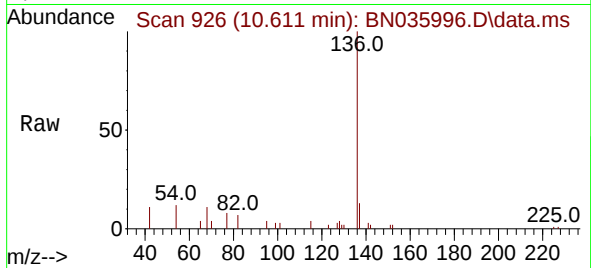




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.611 min Scan# 91
Delta R.T. -0.015 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

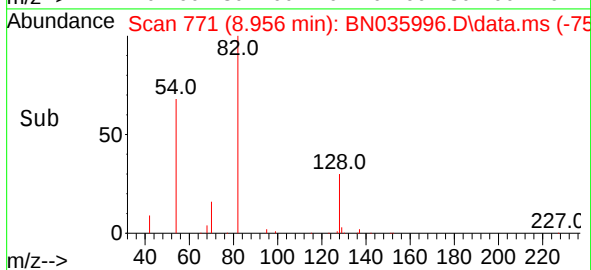
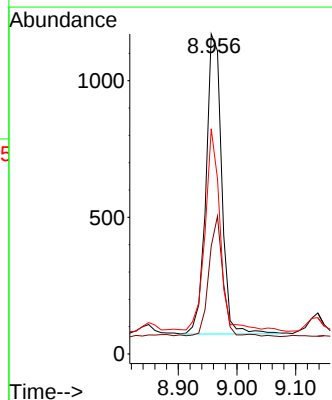
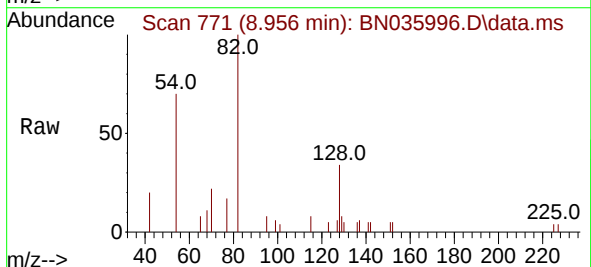
Instrument :
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ClientSampleId :
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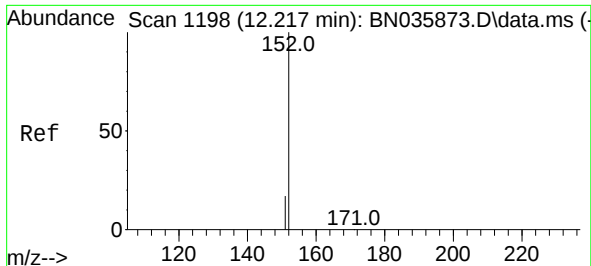
Tgt Ion:136 Resp: 5208
Ion Ratio Lower Upper
136 100
137 13.1 10.6 15.8
54 11.5 9.8 14.6
68 11.3 6.6 10.0#



#8
Nitrobenzene-d5
Concen: 0.496 ng
RT: 8.956 min Scan# 771
Delta R.T. -0.025 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion: 82 Resp: 2047
Ion Ratio Lower Upper
82 100
128 33.7 36.9 55.3#
54 70.4 50.4 75.6

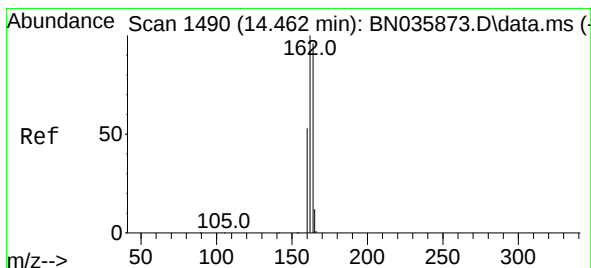
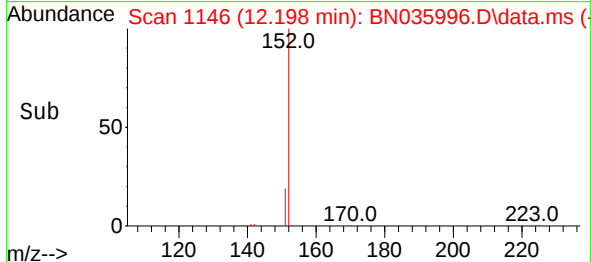
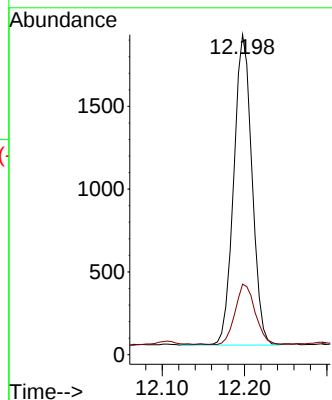
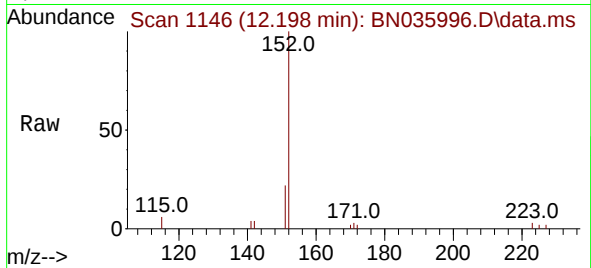




#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.198 min Scan# 1146
Delta R.T. -0.019 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

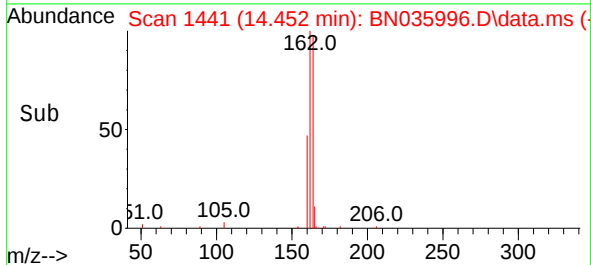
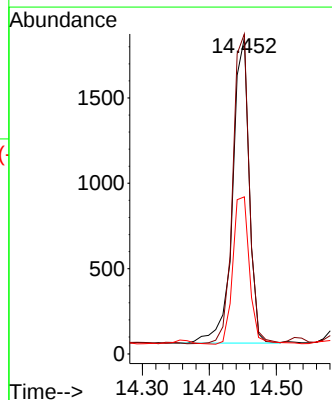
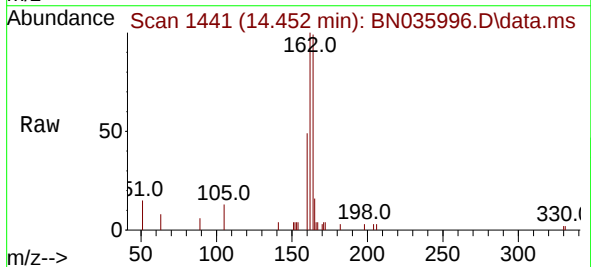
Instrument :
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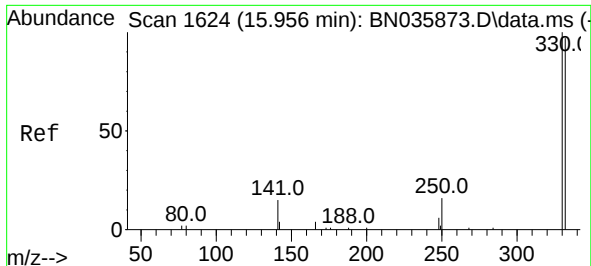
Tgt Ion:152 Resp: 2887
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.452 min Scan# 1441
Delta R.T. -0.010 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion:164 Resp: 3082
Ion Ratio Lower Upper
164 100
162 101.2 83.1 124.7
160 49.7 46.0 69.0

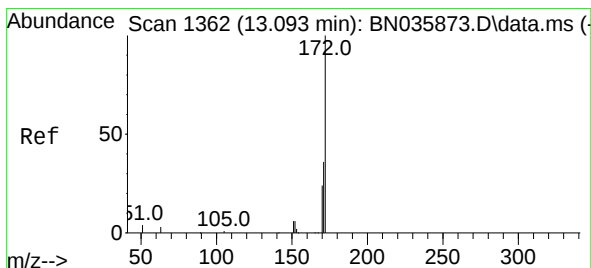
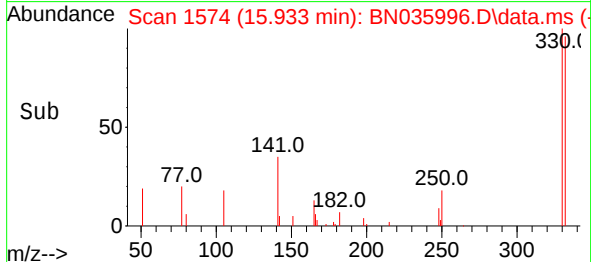
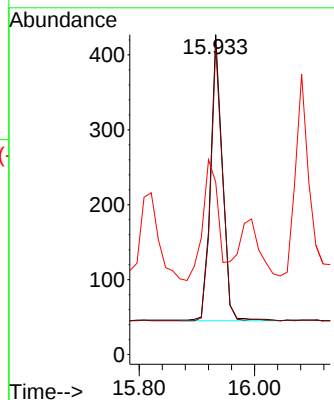
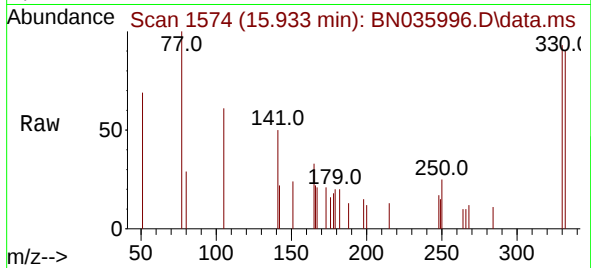




#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.933 min Scan# 11
Delta R.T. -0.024 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

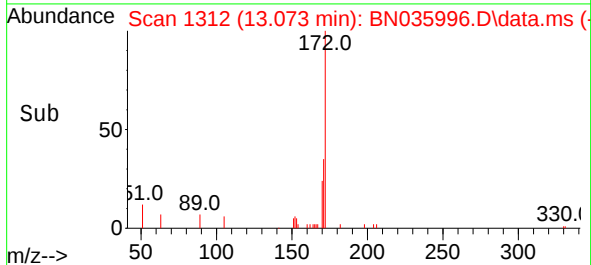
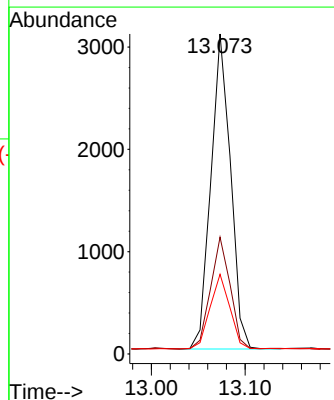
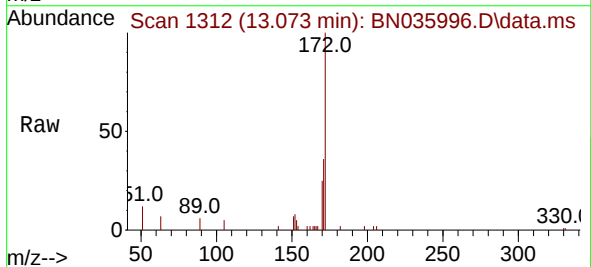
Instrument :
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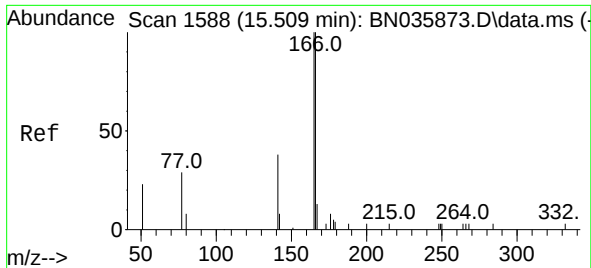
Tgt Ion:330 Resp: 547
Ion Ratio Lower Upper
330 100
332 94.7 77.2 115.8
141 56.9 31.6 47.4#



#15
2-Fluorobiphenyl
Concen: 0.333 ng
RT: 13.073 min Scan# 1312
Delta R.T. -0.020 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion:172 Resp: 4502
Ion Ratio Lower Upper
172 100
171 36.5 30.5 45.7
170 24.9 20.8 31.2

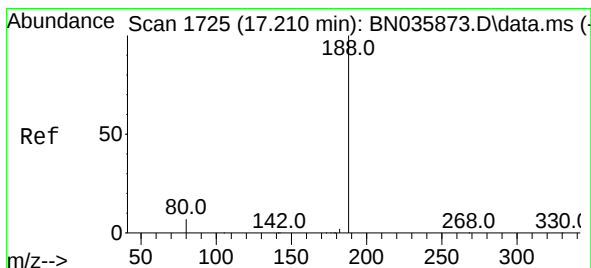
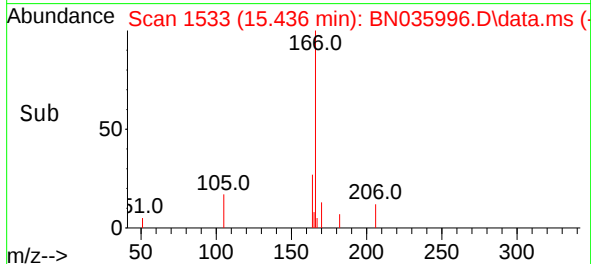
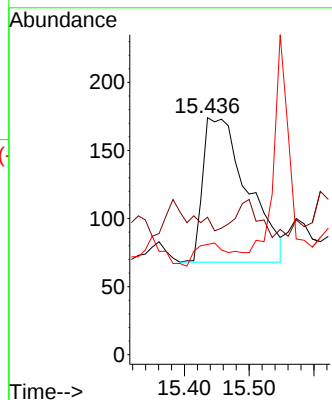
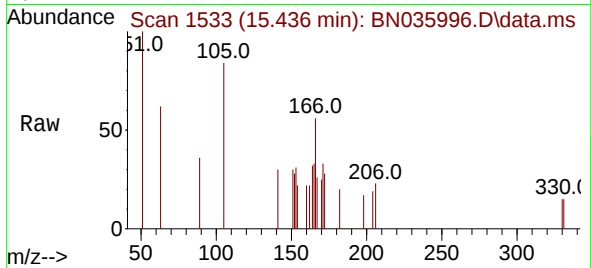




#18
Fluorene
Concen: 0.049 ng
RT: 15.436 min Scan# 1533
Delta R.T. -0.074 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

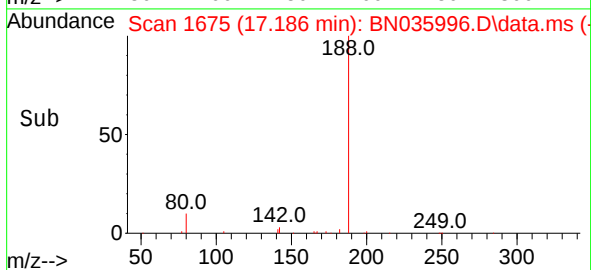
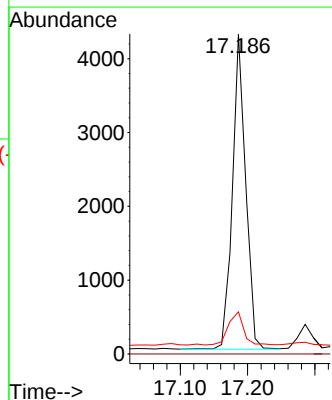
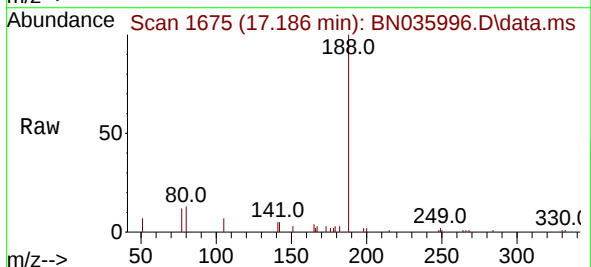
Instrument :
BNA_N
ClientSampleId :
DSN003

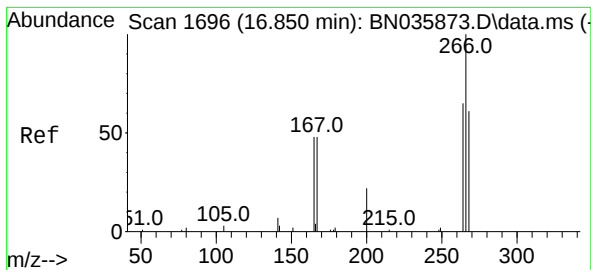
Tgt Ion:166 Resp: 512
Ion Ratio Lower Upper
166 100
165 0.0 80.6 120.8#
167 12.7 11.4 17.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.186 min Scan# 1675
Delta R.T. -0.024 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion:188 Resp: 5815
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.3 10.9#

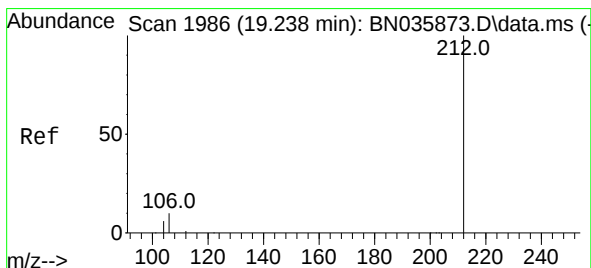
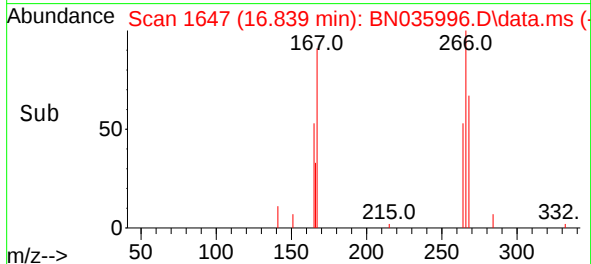
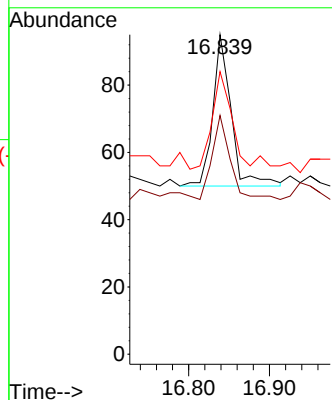
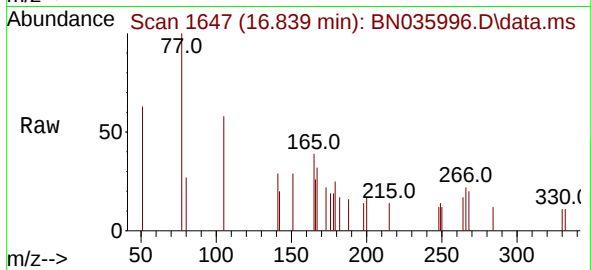




#24
 Pentachlorophenol
 Concen: 0.037 ng
 RT: 16.839 min Scan# 1
 Delta R.T. -0.011 min
 Lab File: BN035996.D
 Acq: 20 Jan 2025 13:27

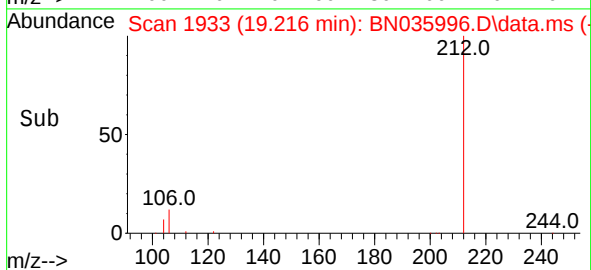
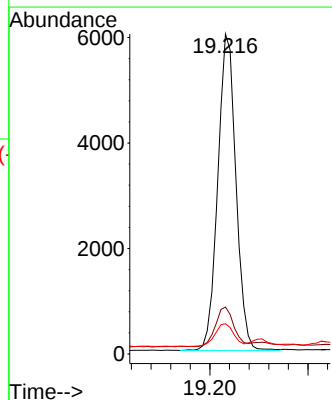
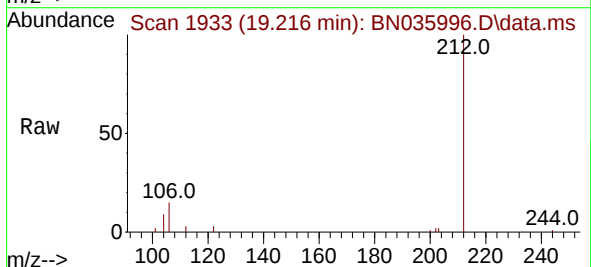
Instrument :
 BNA_N
 ClientSampleId :
 DSN003

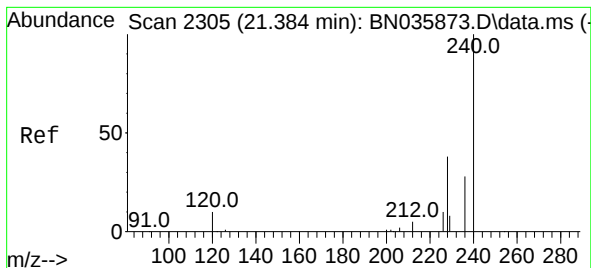
Tgt Ion:266 Resp: 71
 Ion Ratio Lower Upper
 266 100
 264 54.9 49.9 74.9
 268 73.2 50.2 75.2



#27
 Fluoranthene-d10
 Concen: 0.535 ng
 RT: 19.216 min Scan# 1933
 Delta R.T. -0.022 min
 Lab File: BN035996.D
 Acq: 20 Jan 2025 13:27

Tgt Ion:212 Resp: 7720
 Ion Ratio Lower Upper
 212 100
 106 12.5 9.0 13.6
 104 7.4 5.4 8.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.367 min Scan# 21

Delta R.T. -0.017 min

Lab File: BN035996.D

Acq: 20 Jan 2025 13:27

Instrument :

BNA_N

ClientSampleId :

DSN003

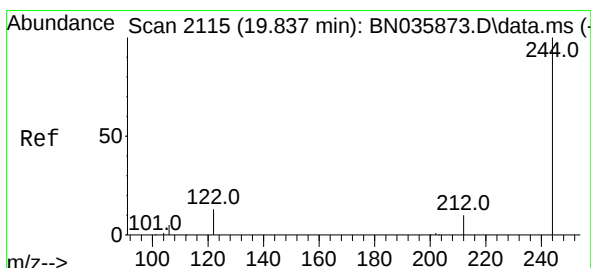
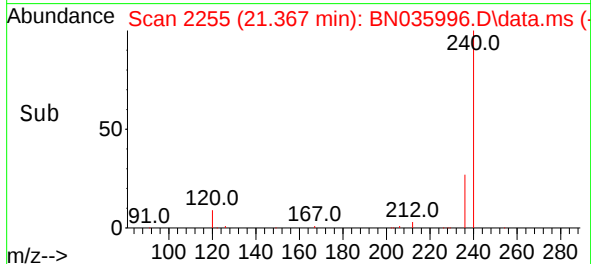
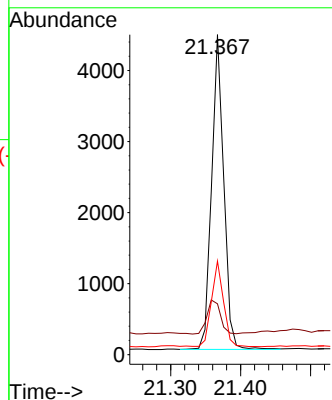
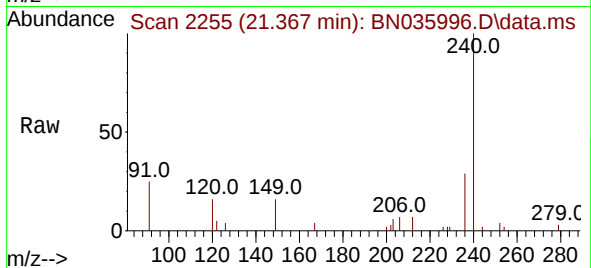
Tgt Ion:240 Resp: 5337

Ion Ratio Lower Upper

240 100

120 15.9 11.1 16.7

236 29.2 24.6 36.8



#31

Terphenyl-d14

Concen: 0.554 ng

RT: 19.815 min Scan# 2062

Delta R.T. -0.022 min

Lab File: BN035996.D

Acq: 20 Jan 2025 13:27

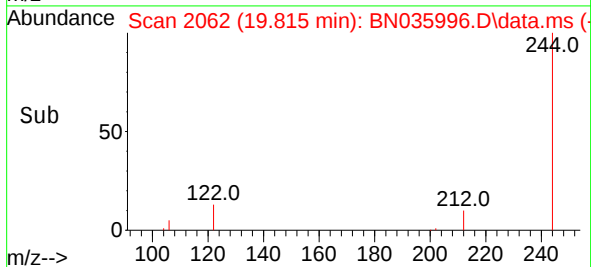
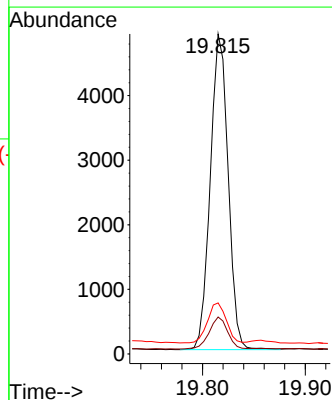
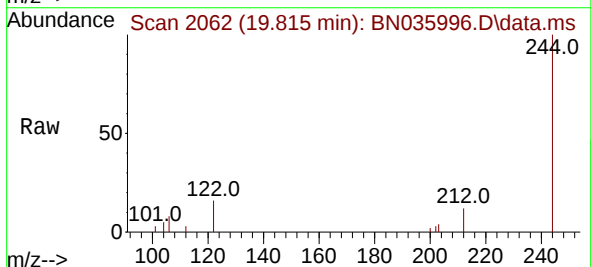
Tgt Ion:244 Resp: 5889

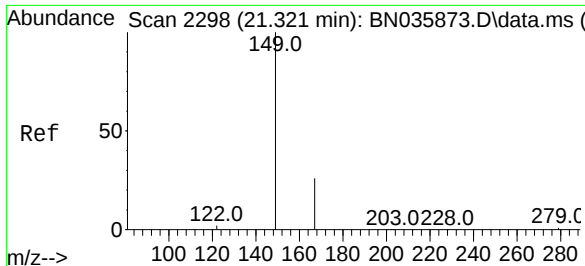
Ion Ratio Lower Upper

244 100

212 11.6 10.1 15.1

122 15.9 12.2 18.4

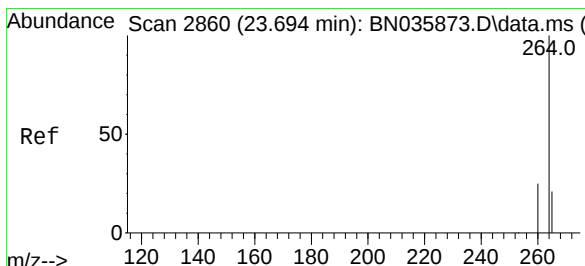
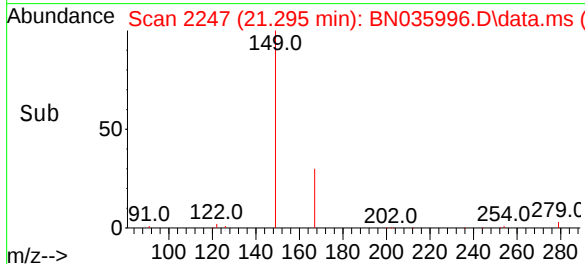
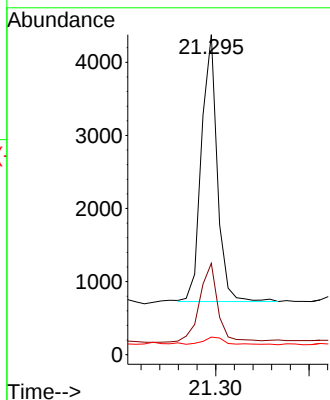
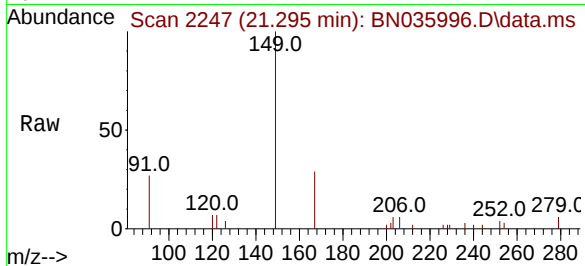




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.563 ng
RT: 21.295 min Scan# 21
Delta R.T. -0.026 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Instrument :
BNA_N
ClientSampleId :
DSN003

Tgt Ion:149 Resp: 4310
Ion Ratio Lower Upper
149 100
167 33.5 21.4 32.0#
279 3.9 3.0 4.6



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.663 min Scan# 2801
Delta R.T. -0.031 min
Lab File: BN035996.D
Acq: 20 Jan 2025 13:27

Tgt Ion:264 Resp: 5620
Ion Ratio Lower Upper
264 100
260 26.9 21.7 32.5
265 60.9 33.9 50.9#

