

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
 Data File : BN036448.D
 Acq On : 12 Feb 2025 19:59
 Operator : RC/JU
 Sample : Q1325-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DSN003

Quant Time: Feb 12 23:16:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 11 01:17:14 2025
 Response via : Initial Calibration

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

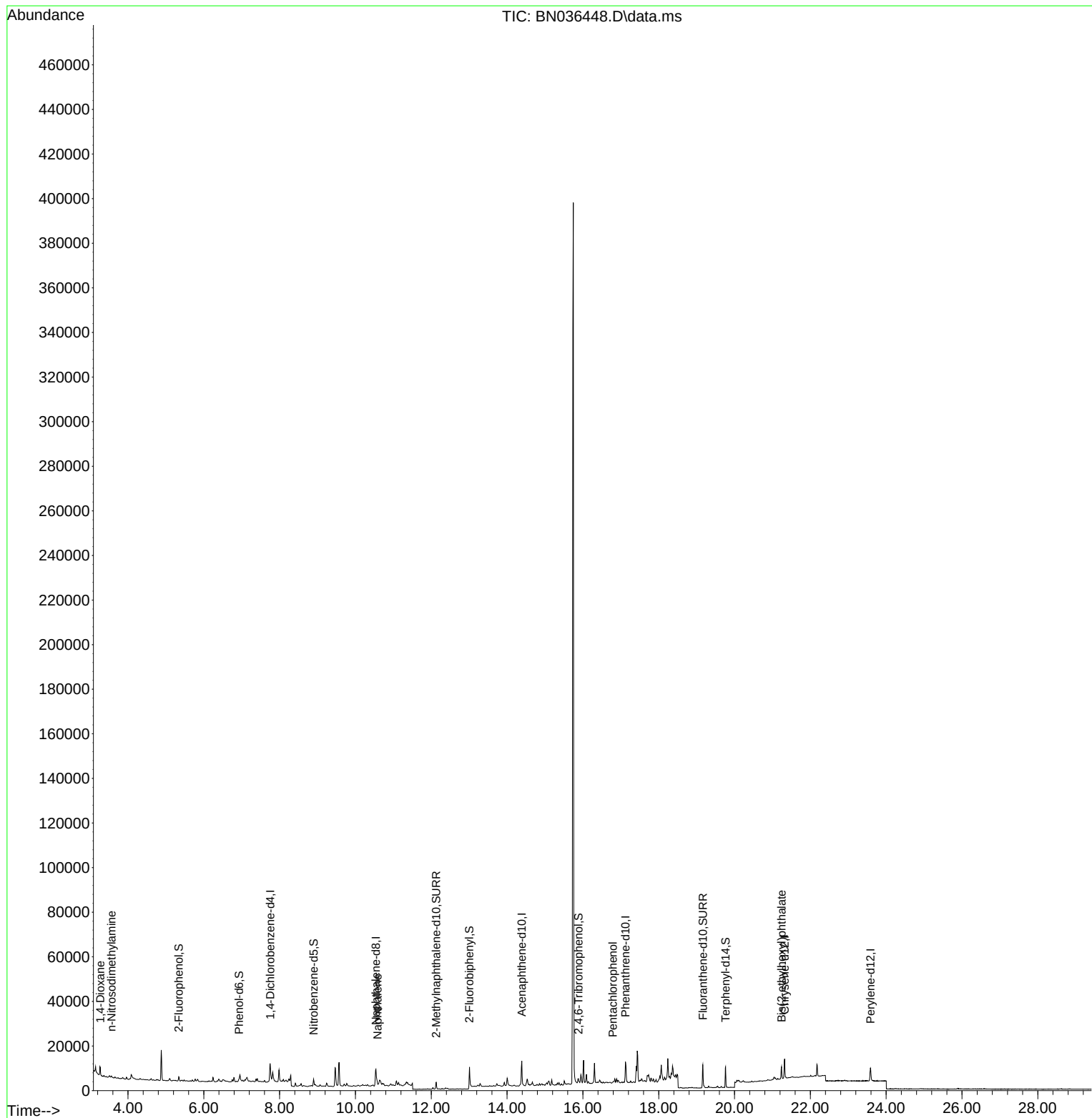
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	3316	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	9452	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	6469	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	12441	0.400	ng	#-0.01
29) Chrysene-d12	21.321	240	8393	0.400	ng	0.00
35) Perylene-d12	23.586	264	8006	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	1235	0.158	ng	0.00
5) Phenol-d6	6.930	99	992	0.108	ng	0.00
8) Nitrobenzene-d5	8.896	82	2574	0.276	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	4306	0.296	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	1180	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	8793	0.362	ng	-0.01
27) Fluoranthene-d10	19.164	212	11259	0.325	ng	0.00
31) Terphenyl-d14	19.763	244	8825	0.493	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	2062	0.568	ng	# 88
3) n-Nitrosodimethylamine	3.564	42	180	0.029	ng	# 11
9) Naphthalene	10.583	128	568	0.021	ng	# 46
24) Pentachlorophenol	16.788	266	210	0.048	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.241	149	5016	0.291	ng	# 82

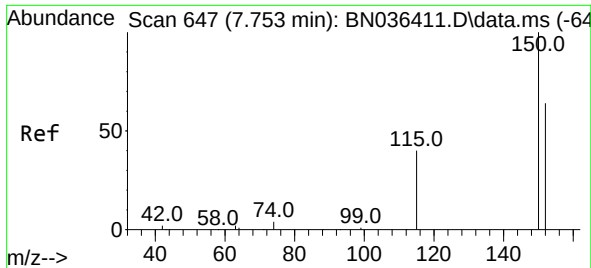
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036448.D
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Operator : RC/JU
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Misc :
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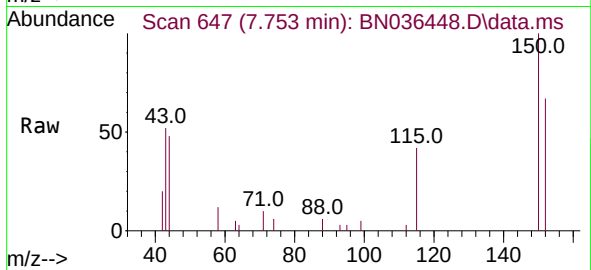
Quant Time: Feb 12 23:16:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
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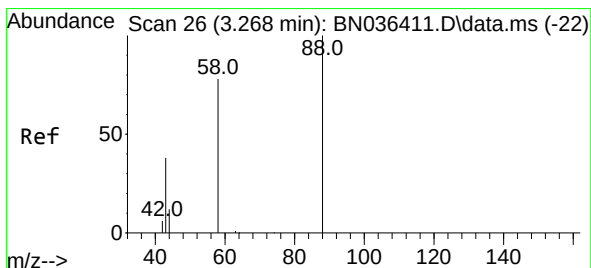
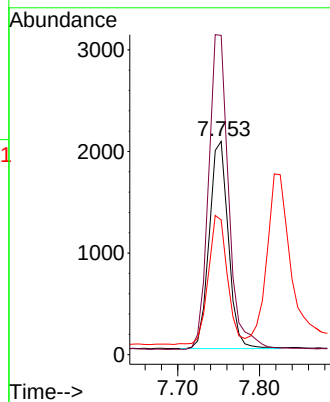
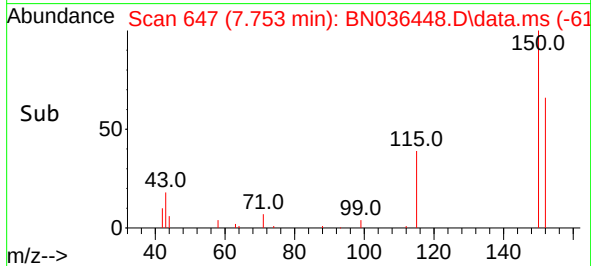


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.753 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

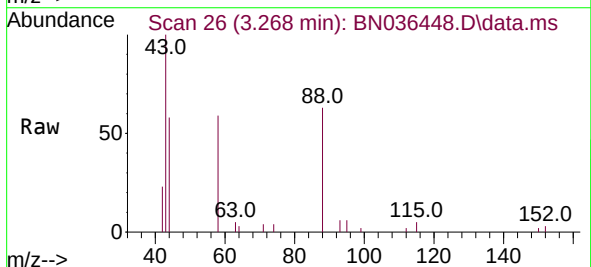
Instrument :
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 ClientSampleId :
 DSN003



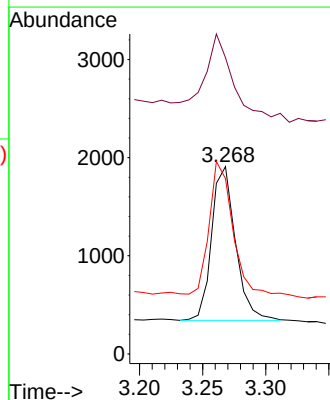
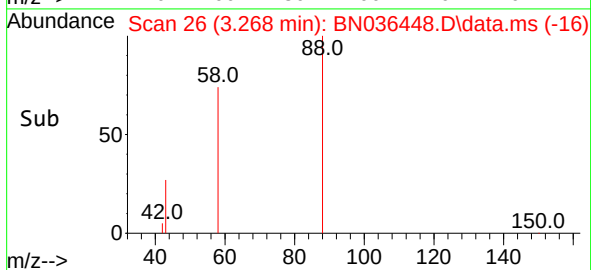
Tgt Ion:152 Resp: 3316
 Ion Ratio Lower Upper
 152 100
 150 149.7 123.7 185.5
 115 63.2 52.5 78.7

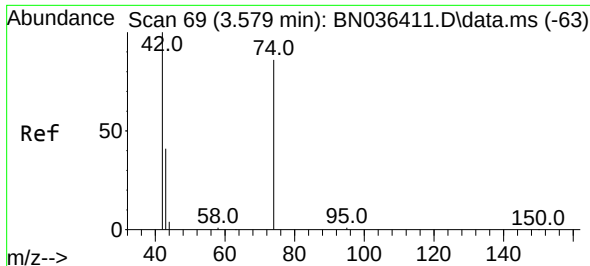


#2
 1,4-Dioxane
 Concen: 0.568 ng
 RT: 3.268 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59



Tgt Ion: 88 Resp: 2062
 Ion Ratio Lower Upper
 88 100
 43 60.4 33.7 50.5#
 58 82.7 68.9 103.3

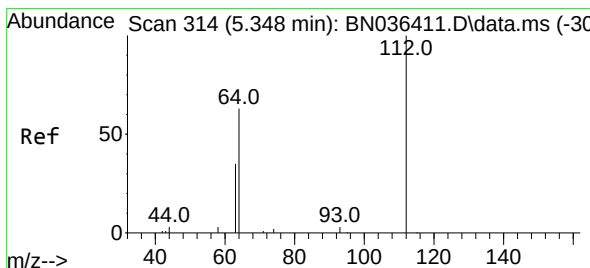
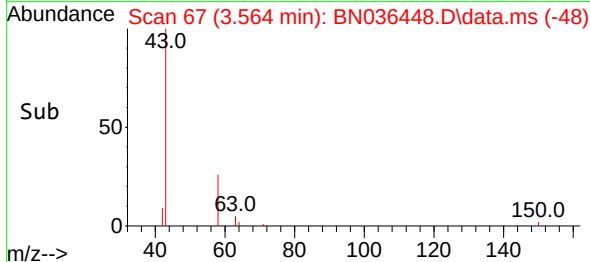
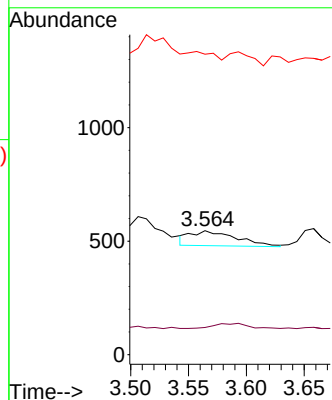
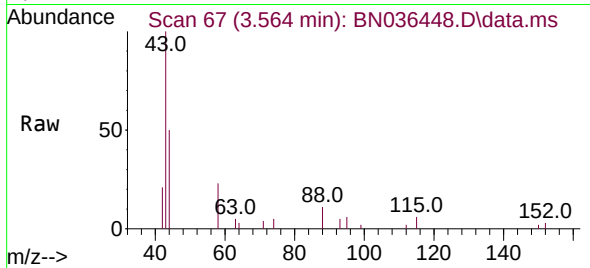




#3
 n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.564 min Scan# 61
 Delta R.T. -0.015 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

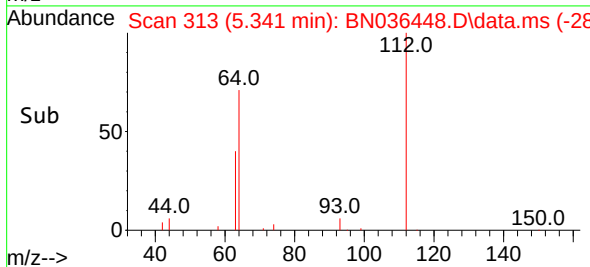
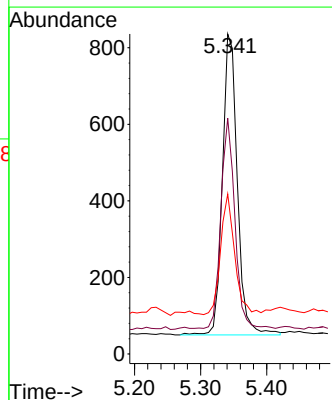
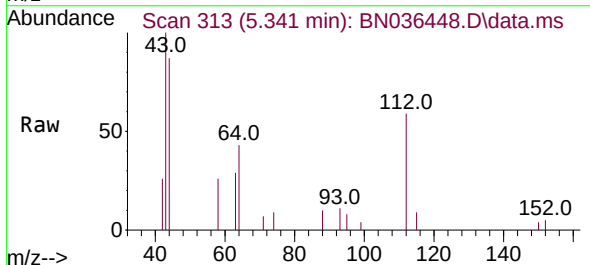
Instrument :
 BNA_N
 ClientSampleId :
 DSN003

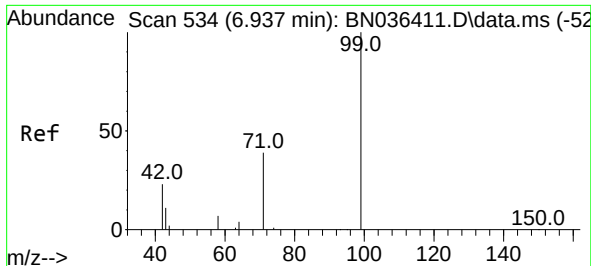
Tgt Ion: 42 Resp: 180
 Ion Ratio Lower Upper
 42 100
 74 0.0 71.8 107.6#
 44 0.0 7.8 11.6#



#4
 2-Fluorophenol
 Concen: 0.158 ng
 RT: 5.341 min Scan# 313
 Delta R.T. -0.007 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

Tgt Ion: 112 Resp: 1235
 Ion Ratio Lower Upper
 112 100
 64 65.3 53.4 80.0
 63 38.1 30.3 45.5

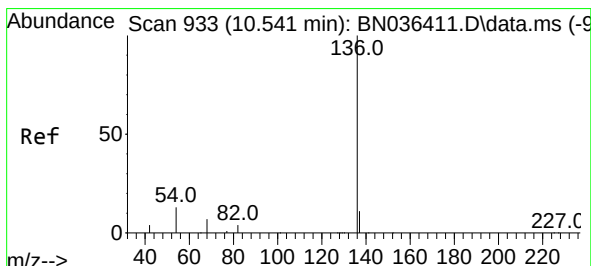
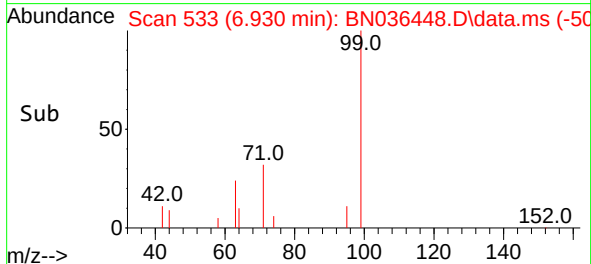
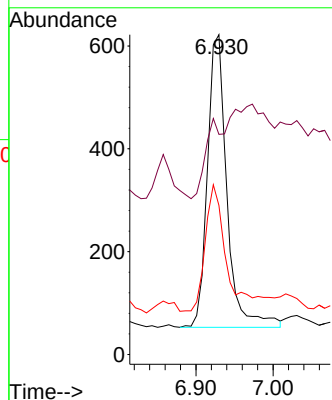
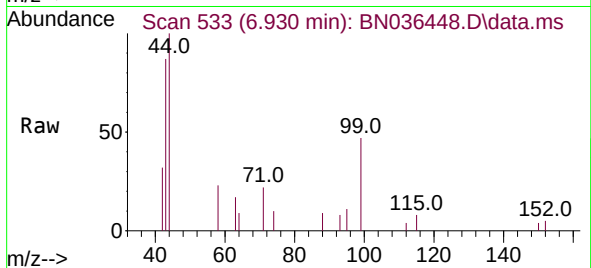




#5
Phenol-d6
Concen: 0.108 ng
RT: 6.930 min Scan# 511
Delta R.T. -0.007 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

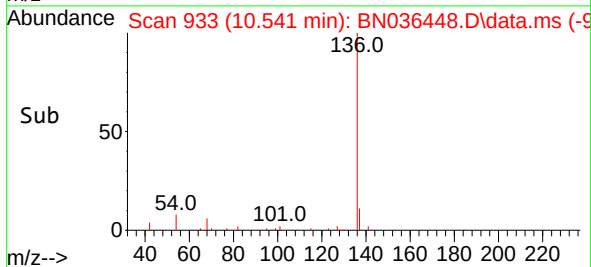
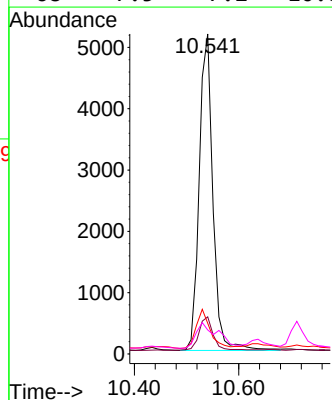
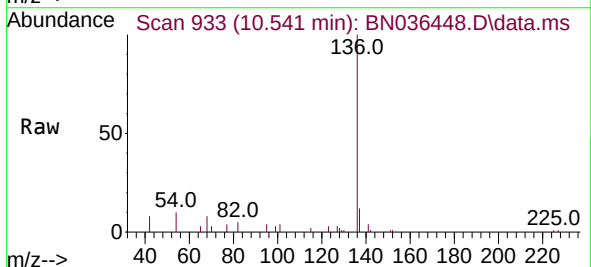
Instrument :
BNA_N
ClientSampleId :
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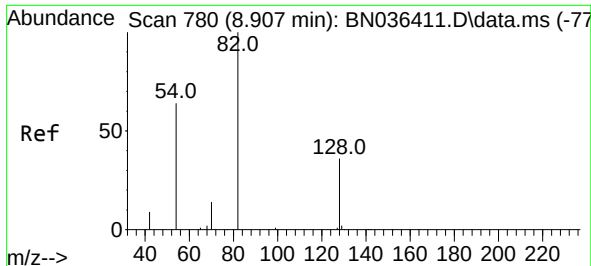
Tgt Ion: 99 Resp: 992
Ion Ratio Lower Upper
99 100
42 20.0 21.7 32.5#
71 49.1 32.6 49.0#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.541 min Scan# 933
Delta R.T. -0.000 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion: 136 Resp: 9452
Ion Ratio Lower Upper
136 100
137 11.6 10.1 15.1
54 9.6 11.8 17.6#
68 7.5 7.2 10.8

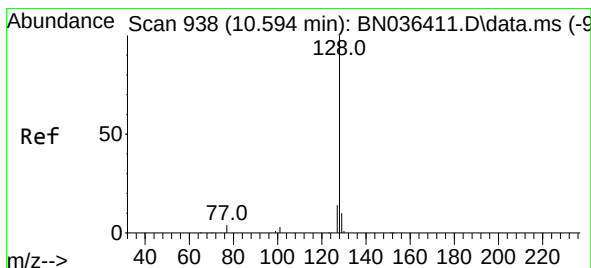
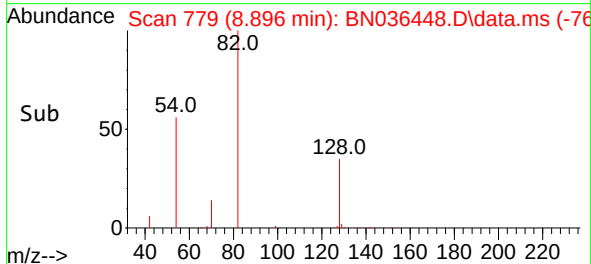
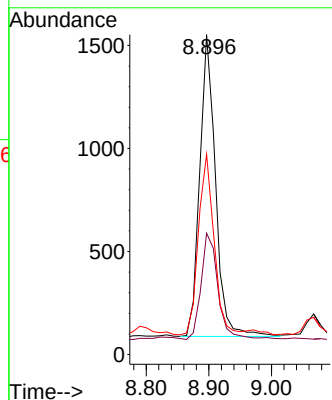
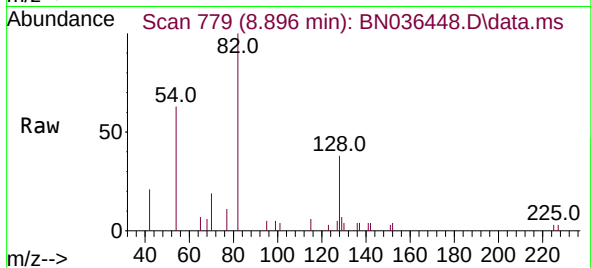




#8
Nitrobenzene-d5
Concen: 0.276 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.011 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

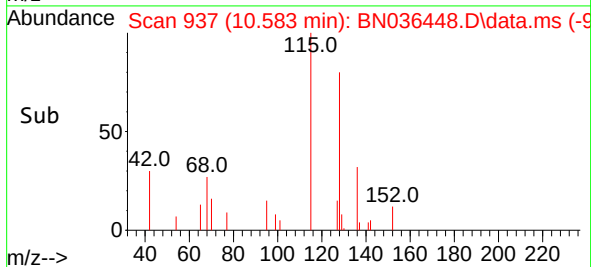
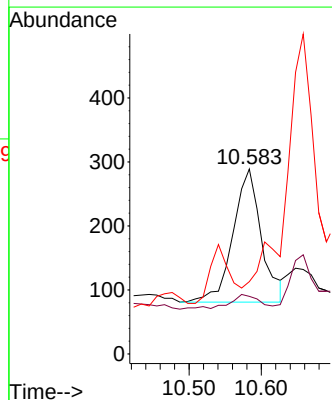
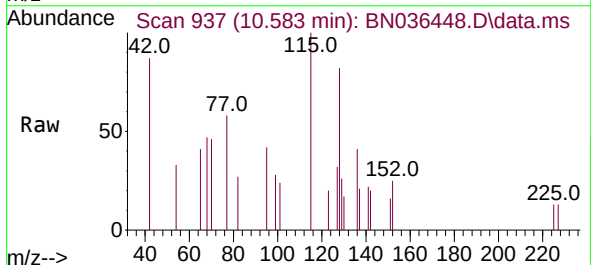
Instrument :
BNA_N
ClientSampleId :
DSN003

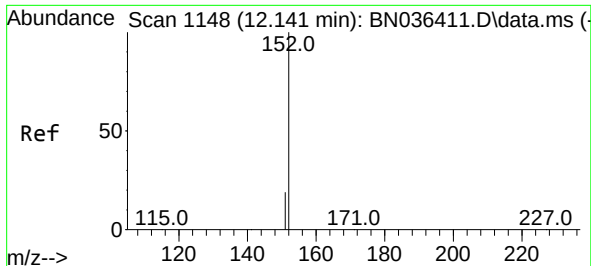
Tgt Ion: 82 Resp: 2574
Ion Ratio Lower Upper
82 100
128 38.0 31.9 47.9
54 62.6 53.1 79.7



#9
Naphthalene
Concen: 0.021 ng
RT: 10.583 min Scan# 937
Delta R.T. -0.011 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion: 128 Resp: 568
Ion Ratio Lower Upper
128 100
129 31.1 9.6 14.4#
127 39.1 12.0 18.0#

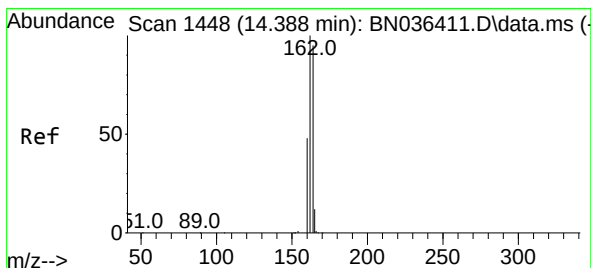
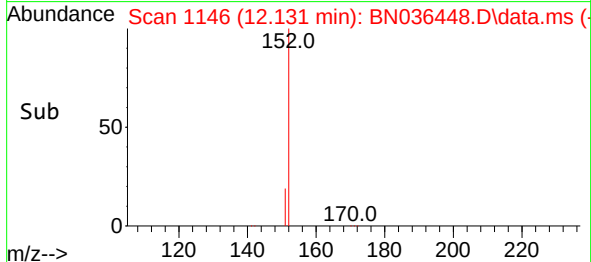
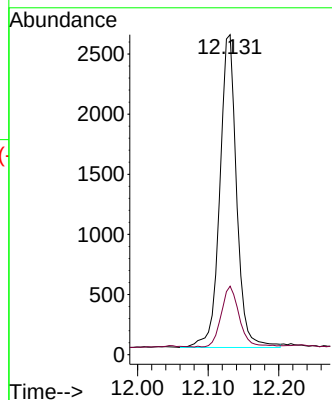
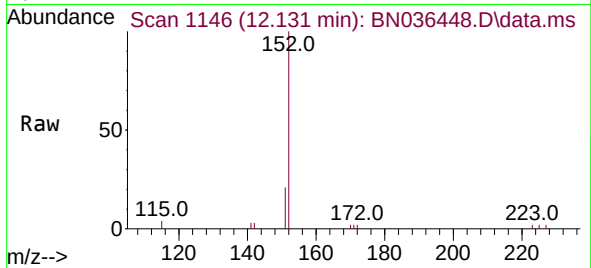




#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.131 min Scan# 1146
Delta R.T. -0.010 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

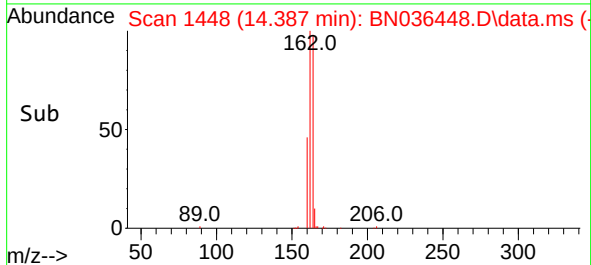
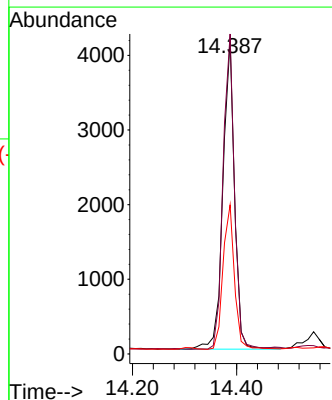
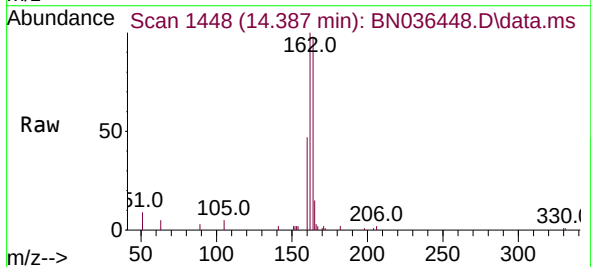
Instrument :
BNA_N
ClientSampleId :
DSN003

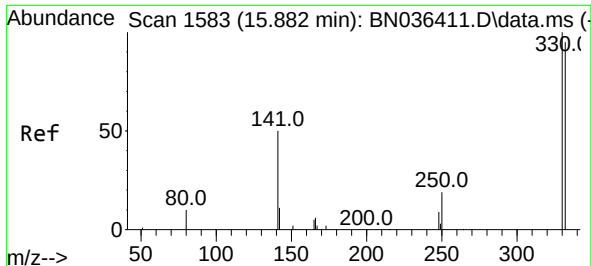
Tgt Ion:152 Resp: 4306
Ion Ratio Lower Upper
152 100
151 21.1 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion:164 Resp: 6469
Ion Ratio Lower Upper
164 100
162 102.0 84.1 126.1
160 47.5 41.4 62.0

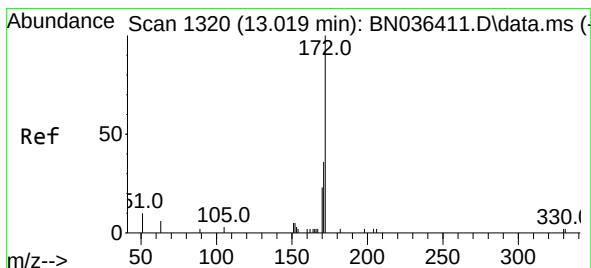
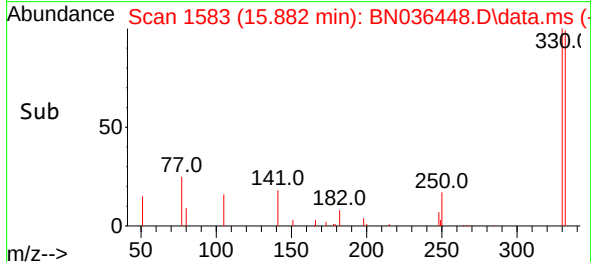
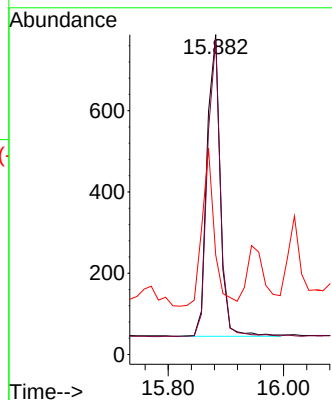
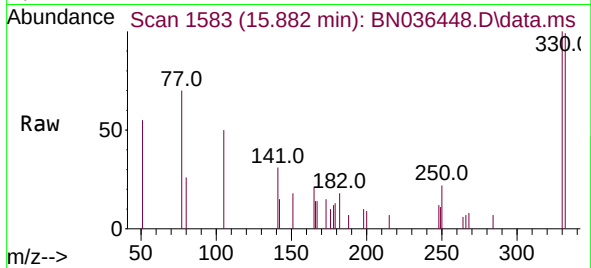




#14
2,4,6-Tribromophenol
Concen: 0.368 ng
RT: 15.882 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

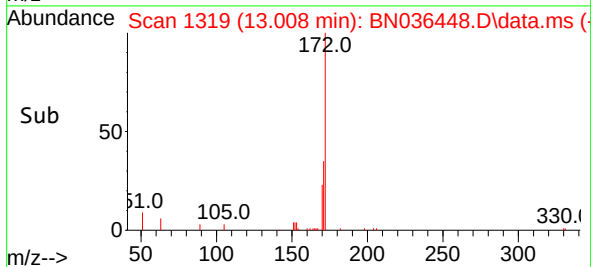
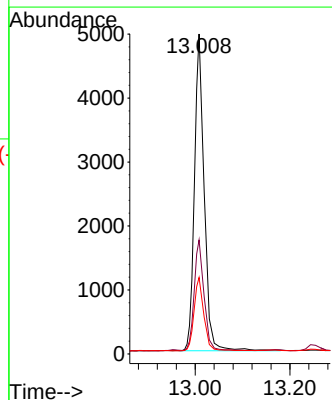
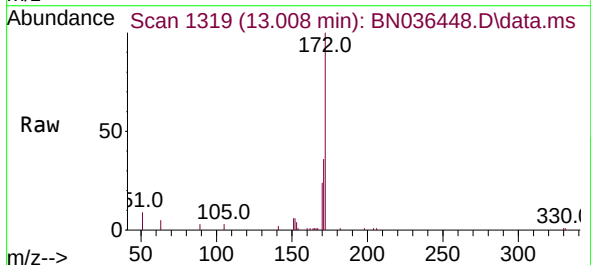
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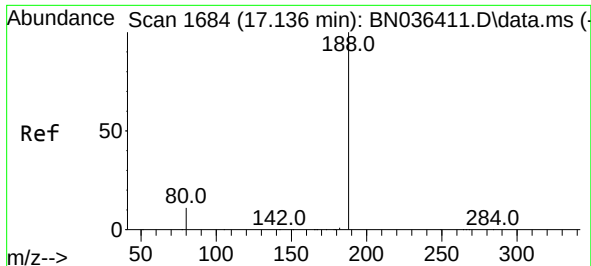
Tgt Ion:330 Resp: 1180
Ion Ratio Lower Upper
330 100
332 97.1 76.6 114.8
141 49.4 37.8 56.8



#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.008 min Scan# 1319
Delta R.T. -0.011 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion:172 Resp: 8793
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.9 19.8 29.6

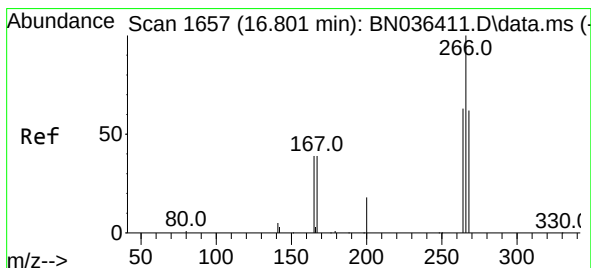
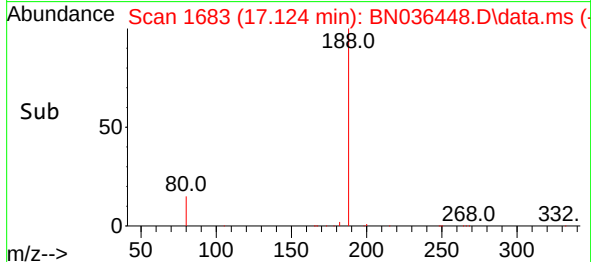
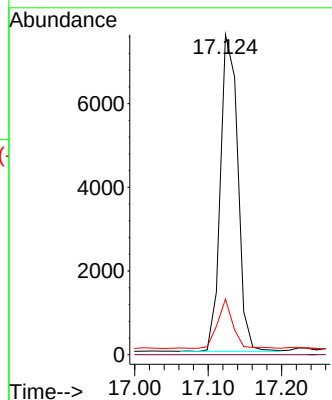
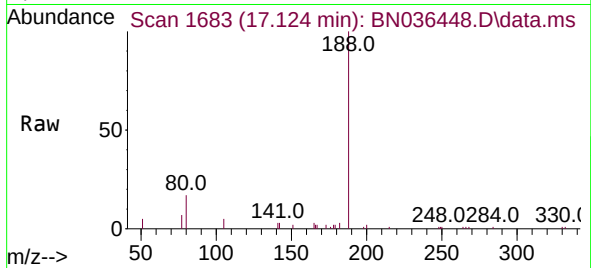




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. -0.013 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

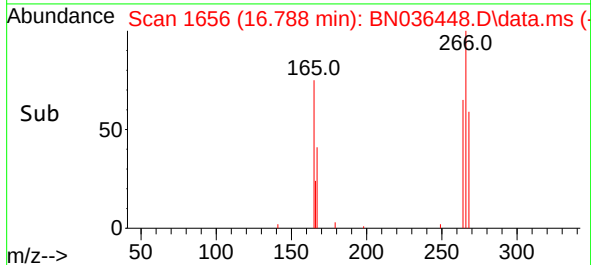
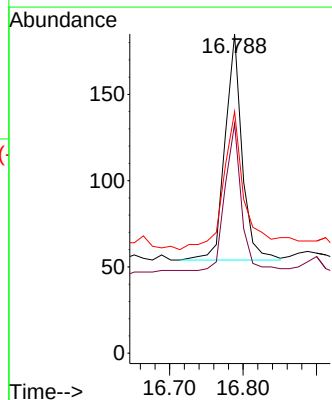
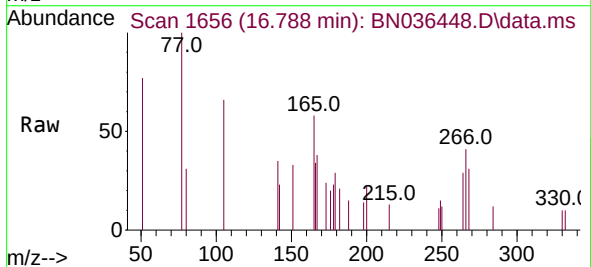
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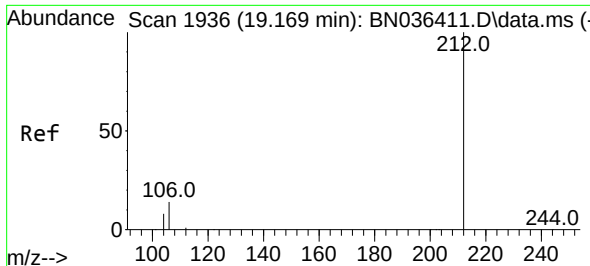
Tgt Ion:188 Resp: 12441
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 17.4 9.8 14.6#



#24
Pentachlorophenol
Concen: 0.048 ng
RT: 16.788 min Scan# 1656
Delta R.T. -0.013 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion:266 Resp: 210
Ion Ratio Lower Upper
266 100
264 61.9 50.6 76.0
268 82.4 51.9 77.9#

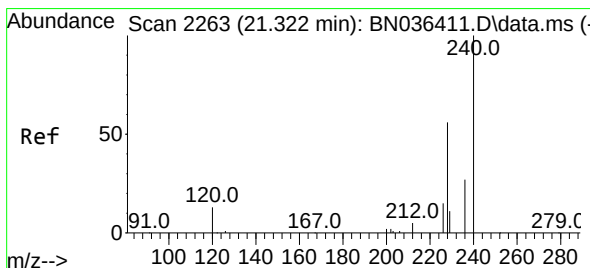
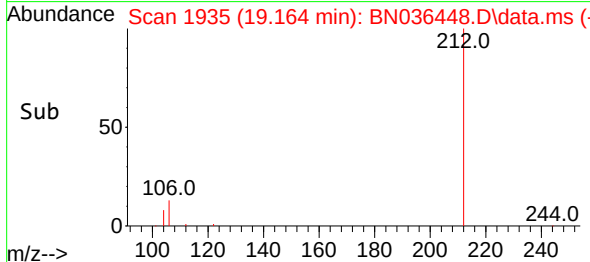
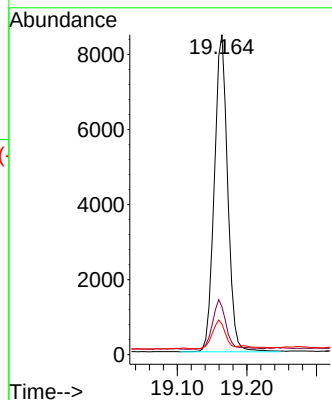
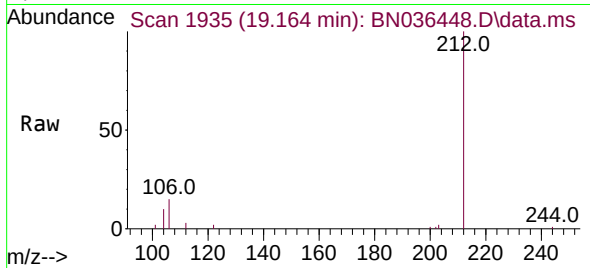




#27
Fluoranthene-d10
Concen: 0.325 ng
RT: 19.164 min Scan# 1936
Delta R.T. -0.005 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

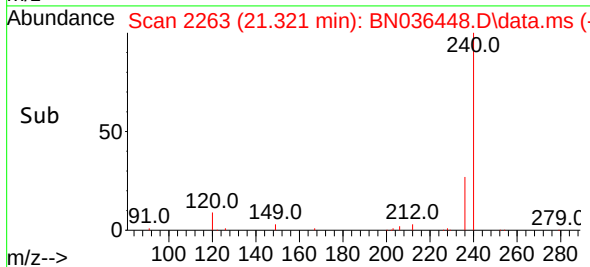
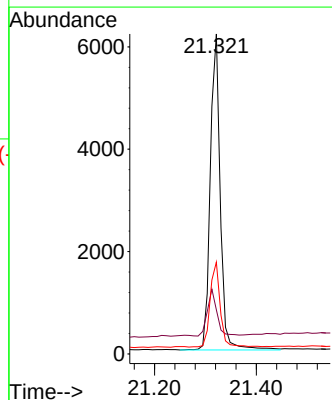
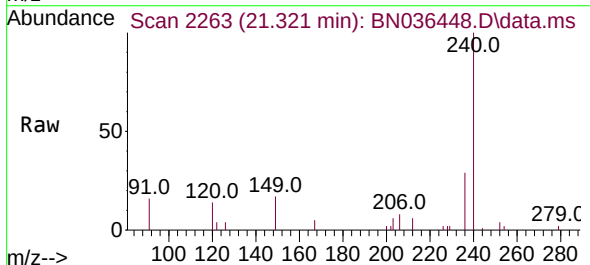
Instrument :
BNA_N
ClientSampleId :
DSN003

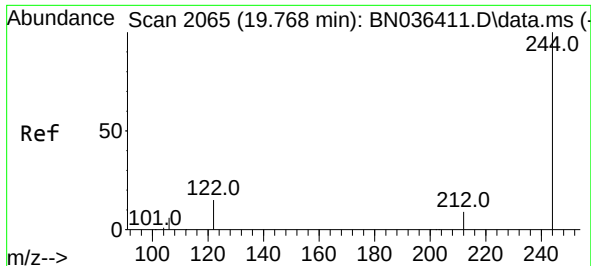
Tgt Ion:212 Resp: 11259
Ion Ratio Lower Upper
212 100
106 15.9 11.5 17.3
104 8.6 7.1 10.7



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.321 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036448.D
Acq: 12 Feb 2025 19:59

Tgt Ion:240 Resp: 8393
Ion Ratio Lower Upper
240 100
120 13.8 13.3 19.9
236 28.7 23.0 34.6

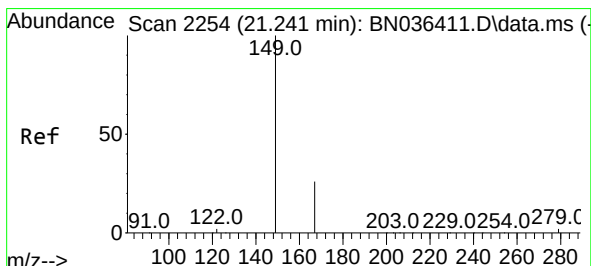
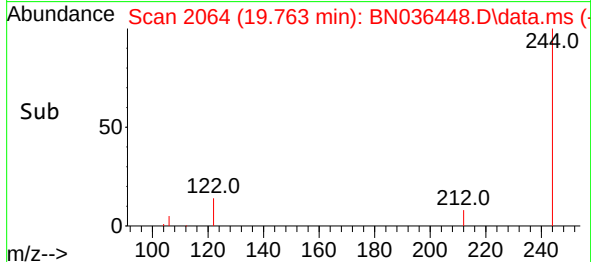
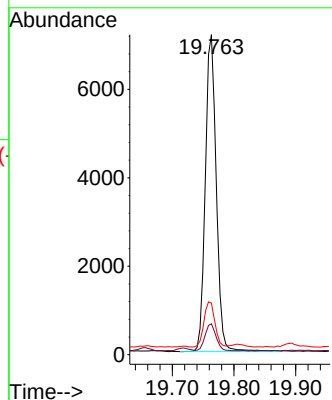
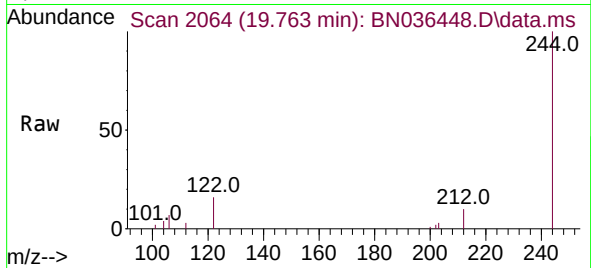




#31
 Terphenyl-d14
 Concen: 0.493 ng
 RT: 19.763 min Scan# 2064
 Delta R.T. -0.005 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

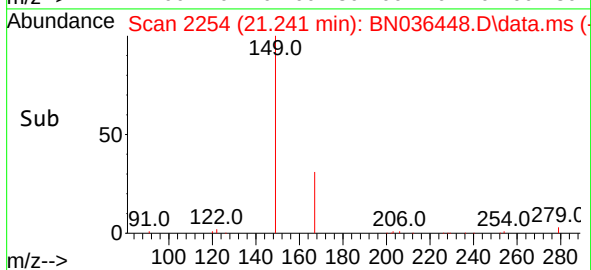
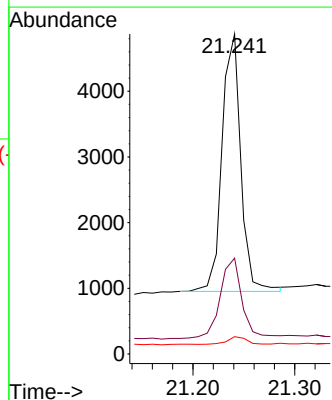
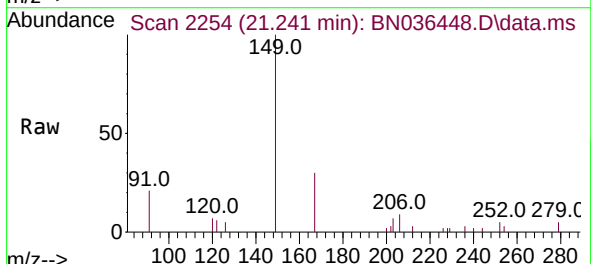
Instrument :
 BNA_N
 ClientSampleId :
 DSN003

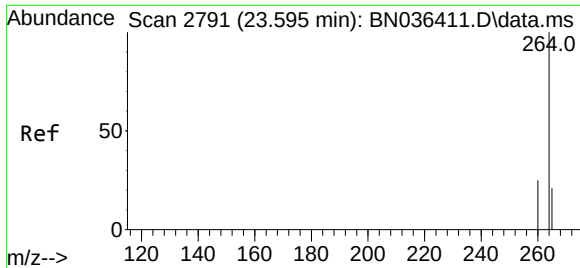
Tgt Ion:244 Resp: 8825
 Ion Ratio Lower Upper
 244 100
 212 9.6 8.1 12.1
 122 16.2 12.8 19.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.291 ng
 RT: 21.241 min Scan# 2254
 Delta R.T. -0.000 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

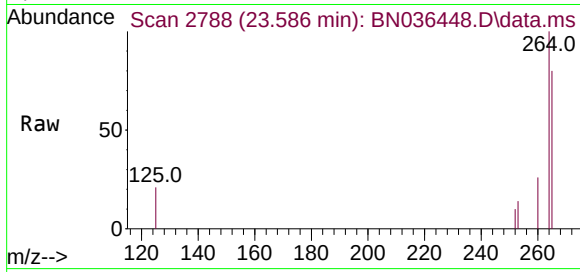
Tgt Ion:149 Resp: 5016
 Ion Ratio Lower Upper
 149 100
 167 36.6 21.2 31.8#
 279 3.0 2.7 4.1





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.586 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN036448.D
 Acq: 12 Feb 2025 19:59

Instrument :
 BNA_N
 ClientSampleId :
 DSN003



Tgt Ion:264 Resp: 8006

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.9	31.3
265	79.9	60.7	91.1

