

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072423\
 Data File : BN026749.D
 Acq On : 25 Jul 2023 16:52
 Operator : MA/JU
 Sample : PB154354BL
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB154354BL

Quant Time: Jul 26 05:41:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 23:51:48 2023
 Response via : Initial Calibration

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

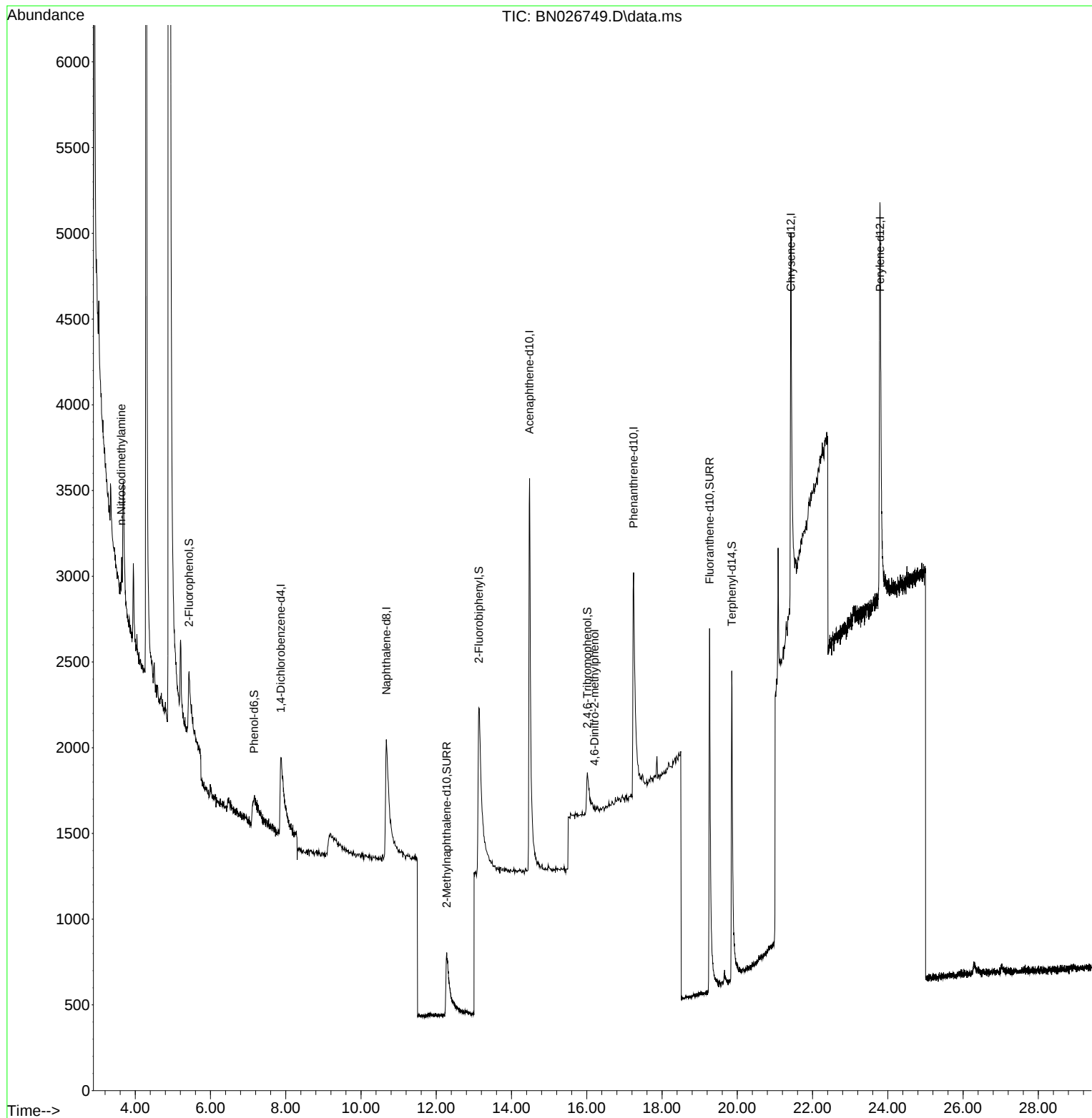
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	939	0.400	ng	# 0.04
7) Naphthalene-d8	10.671	136	3270	0.400	ng	# 0.04
13) Acenaphthene-d10	14.480	164	2908	0.400	ng	0.02
19) Phenanthrene-d10	17.244	188	5105	0.400	ng	# 0.02
29) Chrysene-d12	21.426	240	4060	0.400	ng	0.02
35) Perylene-d12	23.794	264	4709	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.430	112	999	0.439	ng	0.01
5) Phenol-d6	7.156	99	387	0.133	ng	0.12
8) Nitrobenzene-d5	9.016	82	8	0.003	ng	-0.02
11) 2-Methylnaphthalene-d10	12.279	152	1841	0.385	ng	0.05
14) 2,4,6-Tribromophenol	16.015	330	320	0.302	ng	0.04
15) 2-Fluorobiphenyl	13.133	172	2400	0.214	ng	0.03
27) Fluoranthene-d10	19.263	212	4923	0.455	ng	0.01
31) Terphenyl-d14	19.853	244	3861	0.372	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.632	42	36	0.036	ng	# 67
20) 4,6-Dinitro-2-methylph...	16.201	198	4	0.063	ng	# 19

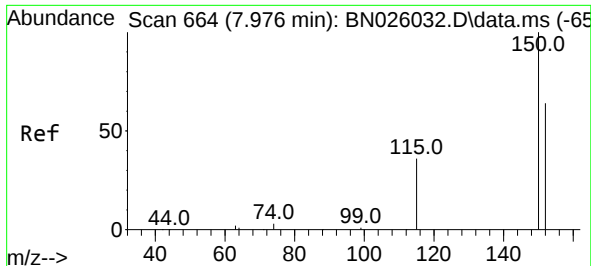
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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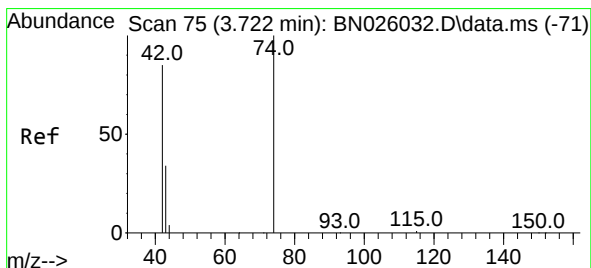
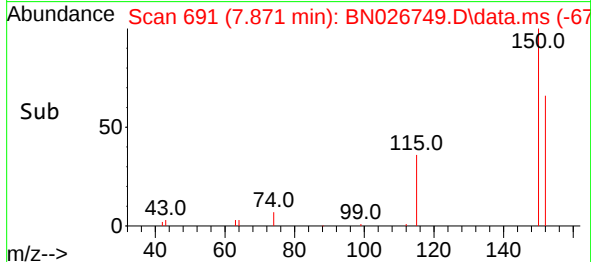
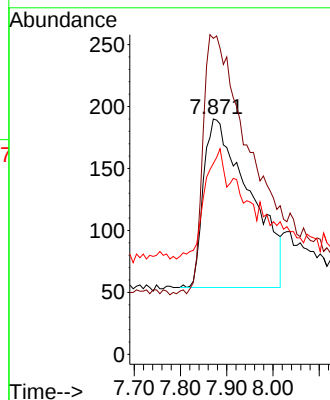
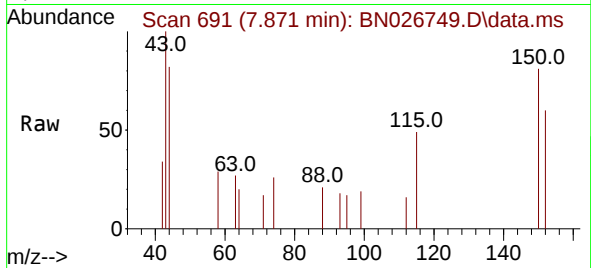




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.871 min Scan# 61
 Delta R.T. 0.036 min
 Lab File: BN026749.D
 Acq: 25 Jul 2023 16:52

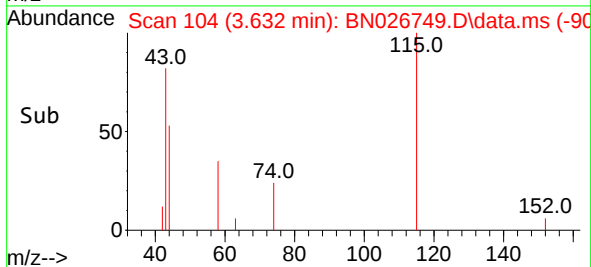
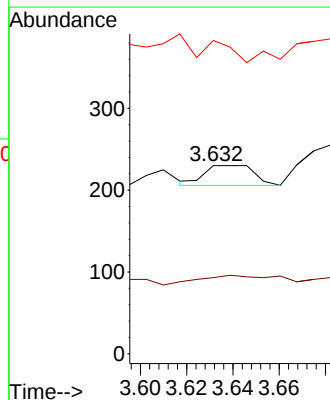
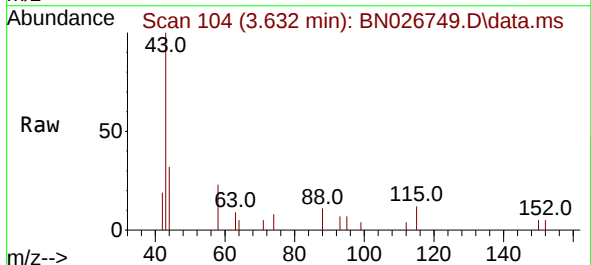
Instrument :
 BNA_N
 ClientSampleId :
 PB154354BL

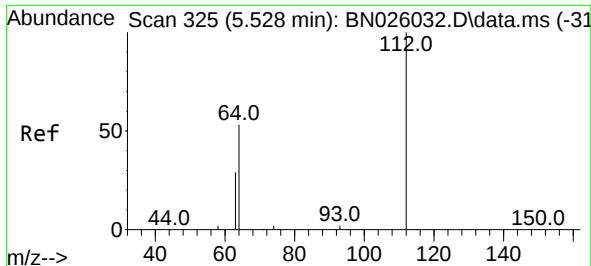
Tgt Ion: 152 Resp: 939
 Ion Ratio Lower Upper
 152 100
 150 134.2 124.7 187.1
 115 81.1 48.2 72.4#



#3
 n-Nitrosodimethylamine
 Concen: 0.036 ng
 RT: 3.632 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: BN026749.D
 Acq: 25 Jul 2023 16:52

Tgt Ion: 42 Resp: 36
 Ion Ratio Lower Upper
 42 100
 74 80.6 93.8 140.8#
 44 0.0 3.0 4.4#

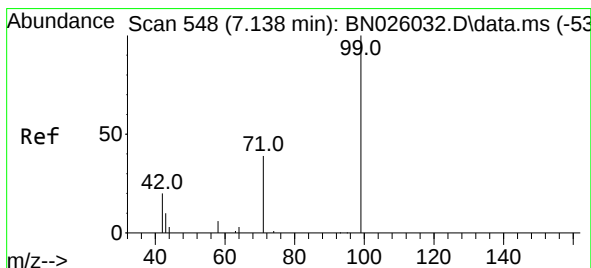
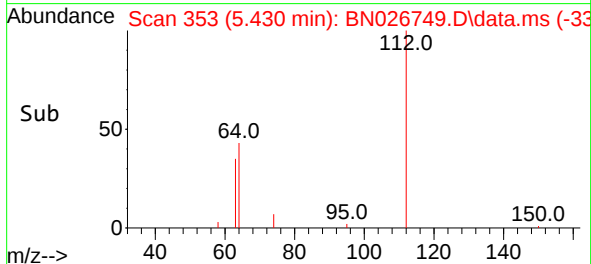
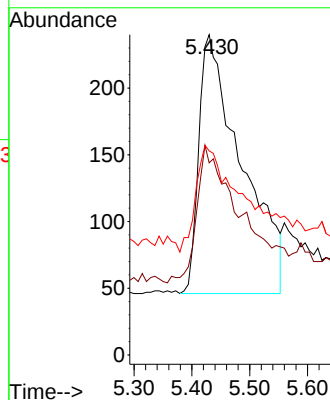
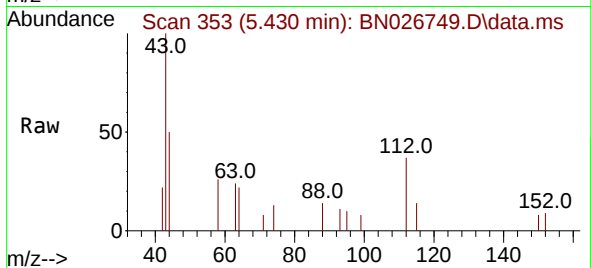




#4
2-Fluorophenol
Concen: 0.439 ng
RT: 5.430 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

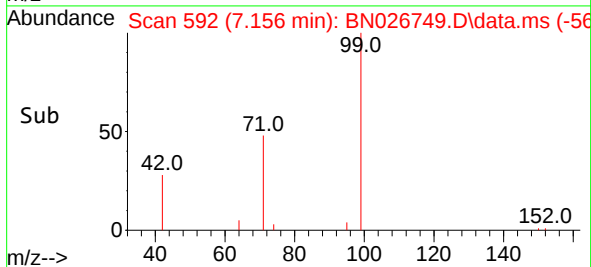
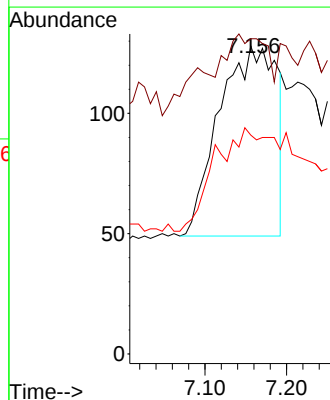
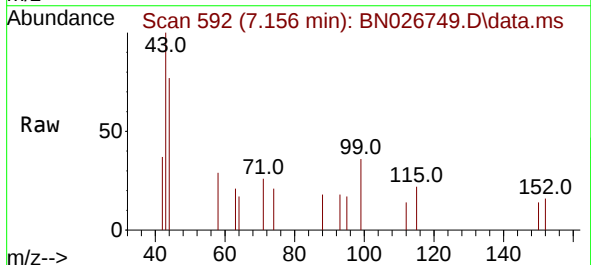
Instrument :
BNA_N
ClientSampleId :
PB154354BL

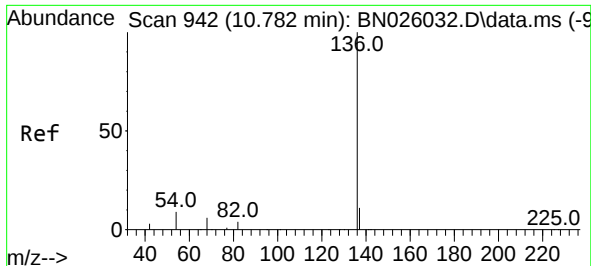
Tgt Ion:112 Resp: 999
Ion Ratio Lower Upper
112 100
64 55.0 45.8 68.6
63 44.9 27.4 41.2#



#5
Phenol-d6
Concen: 0.133 ng
RT: 7.156 min Scan# 592
Delta R.T. 0.116 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Tgt Ion: 99 Resp: 387
Ion Ratio Lower Upper
99 100
42 19.1 18.4 27.6
71 39.3 30.6 46.0

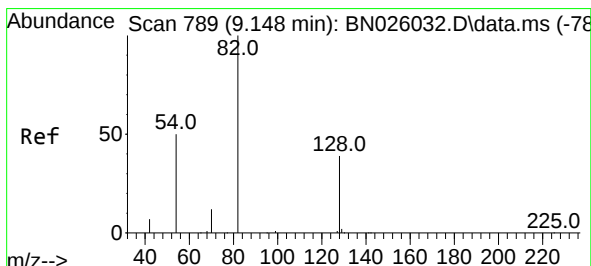
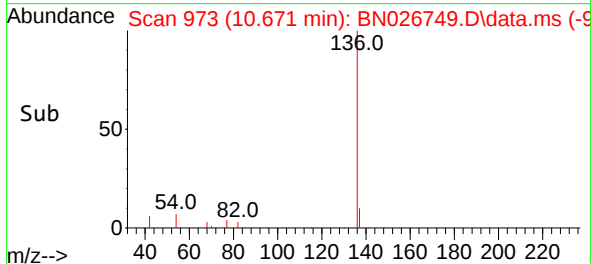
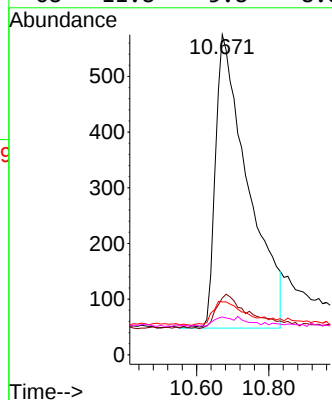
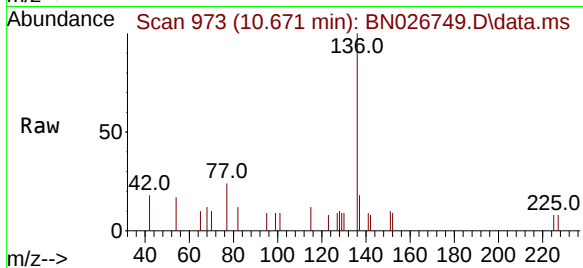




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.671 min Scan# 91
Delta R.T. 0.043 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

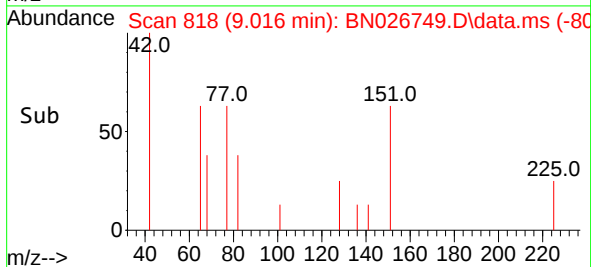
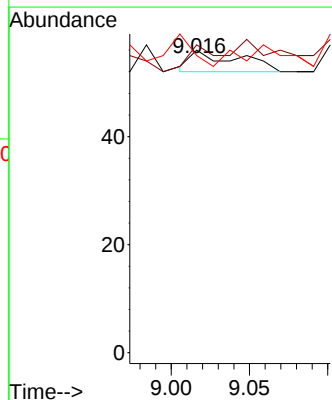
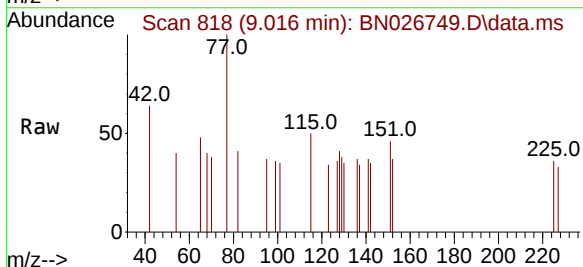
Instrument :
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ClientSampleId :
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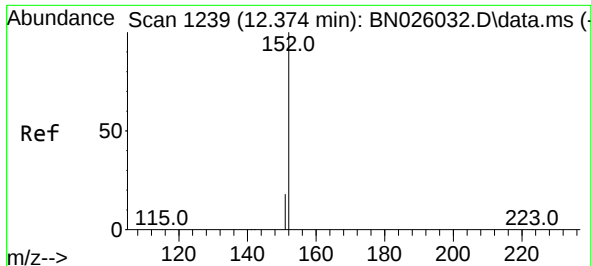
Tgt Ion:	136	Resp:	3270
Ion	Ratio	Lower	Upper
136	100		
137	17.7	9.0	13.4#
54	16.5	7.8	11.6#
68	11.8	5.8	8.8#



#8
Nitrobenzene-d5
Concen: 0.003 ng
RT: 9.016 min Scan# 818
Delta R.T. -0.021 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Tgt Ion:	82	Resp:	8
Ion	Ratio	Lower	Upper
82	100		
128	101.8	33.4	50.2#
54	98.2	41.7	62.5#

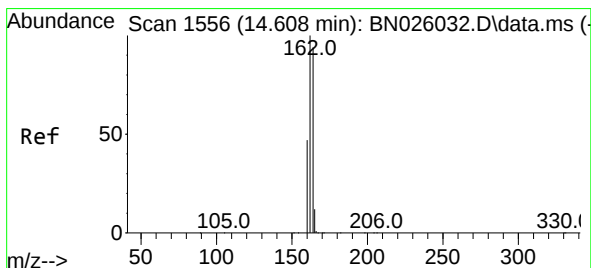
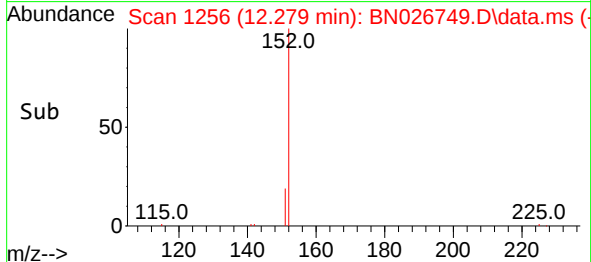
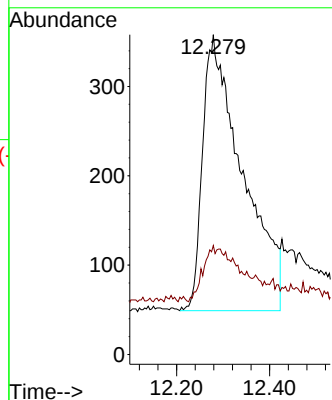
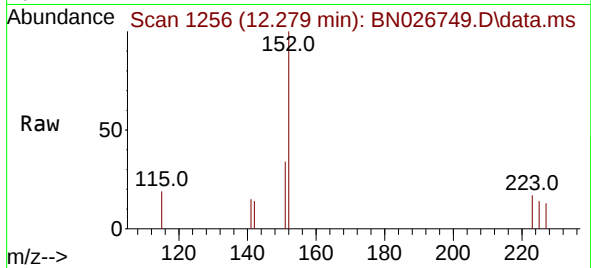




#11
2-Methylnaphthalene-d10
Concen: 0.385 ng
RT: 12.279 min Scan# 1184
Delta R.T. 0.049 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

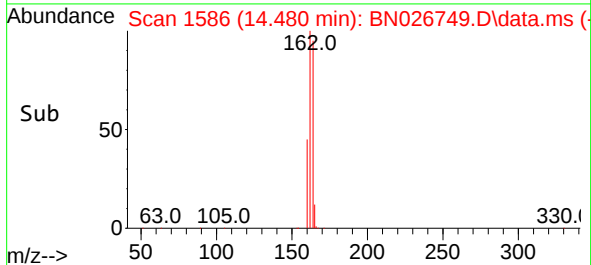
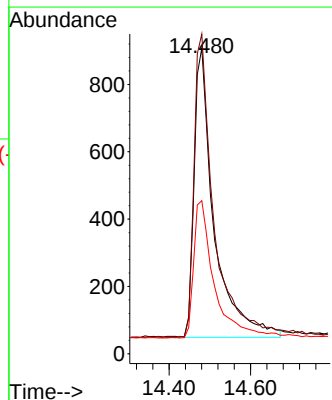
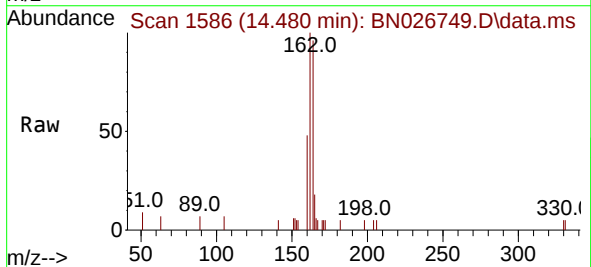
Instrument :
BNA_N
ClientSampleId :
PB154354BL

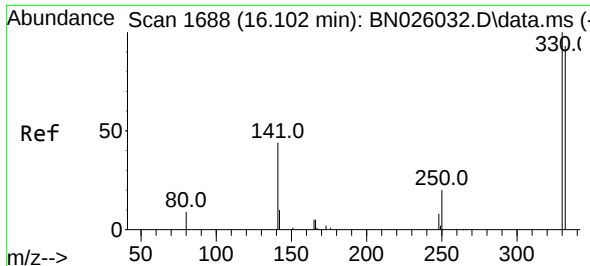
Tgt Ion:152 Resp: 1841
Ion Ratio Lower Upper
152 100
151 6.2 16.2 24.2#



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.480 min Scan# 1586
Delta R.T. 0.021 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

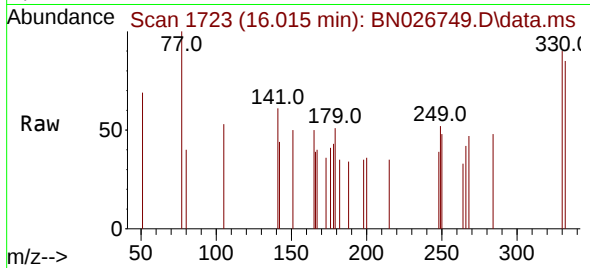
Tgt Ion:164 Resp: 2908
Ion Ratio Lower Upper
164 100
162 104.6 85.3 127.9
160 50.1 40.0 60.0



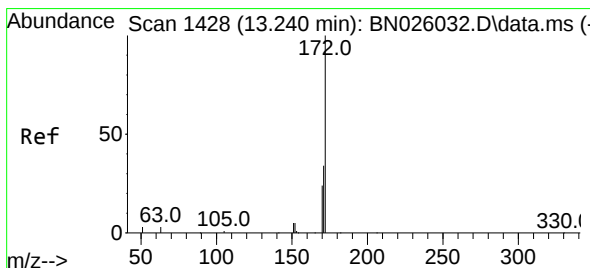
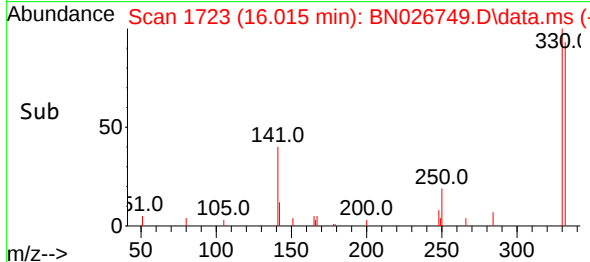
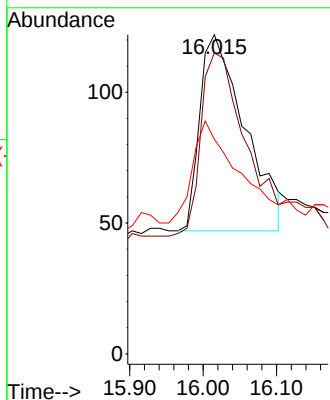


#14
2,4,6-Tribromophenol
Concen: 0.302 ng
RT: 16.015 min Scan# 11
Delta R.T. 0.037 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Instrument :
BNA_N
ClientSampleId :
PB154354BL

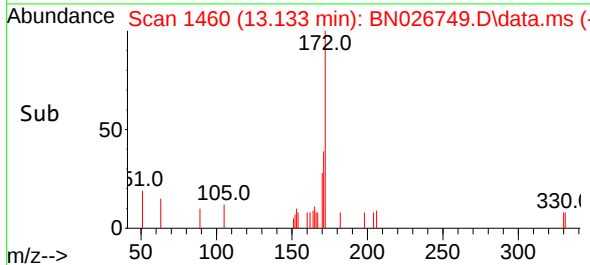
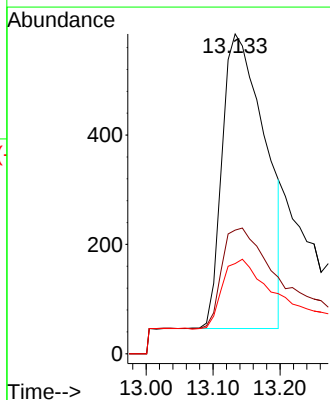
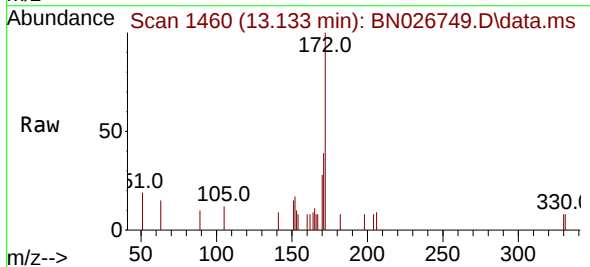


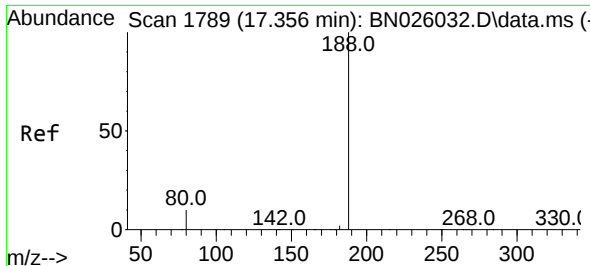
Tgt Ion:330 Resp: 320
Ion Ratio Lower Upper
330 100
332 92.5 76.0 114.0
141 52.5 42.8 64.2



#15
2-Fluorobiphenyl
Concen: 0.214 ng
RT: 13.133 min Scan# 1460
Delta R.T. 0.032 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Tgt Ion:172 Resp: 2400
Ion Ratio Lower Upper
172 100
171 38.6 27.8 41.8
170 28.2 19.3 28.9

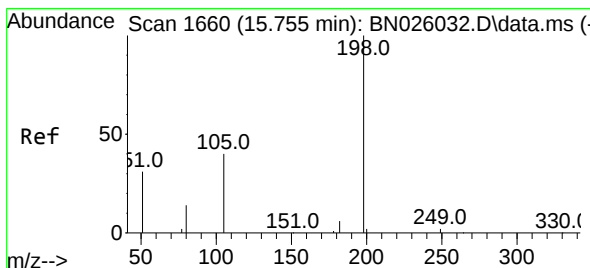
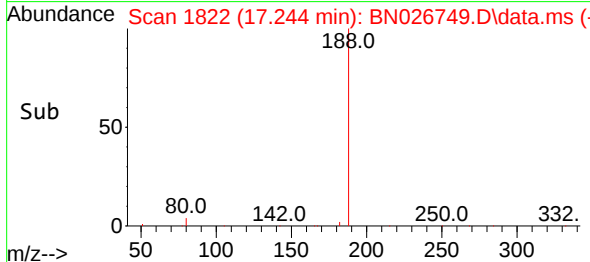
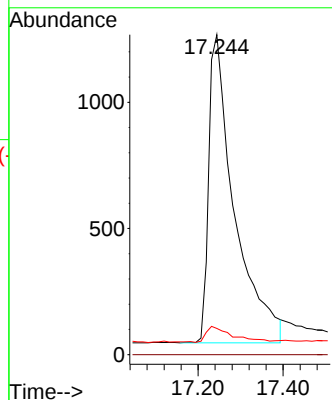
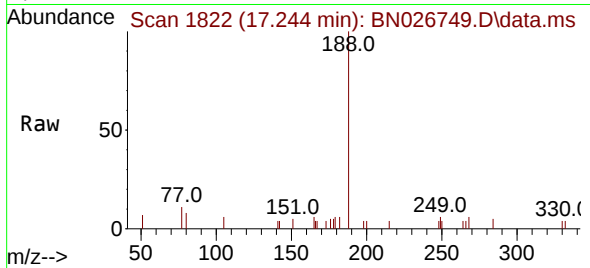




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.244 min Scan# 1738
Delta R.T. 0.025 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

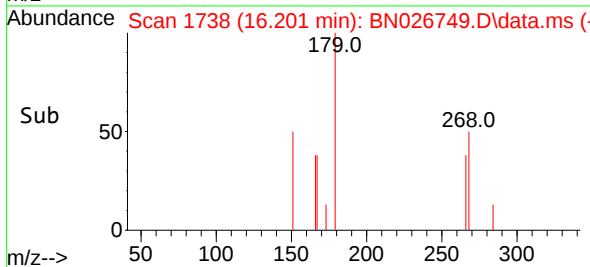
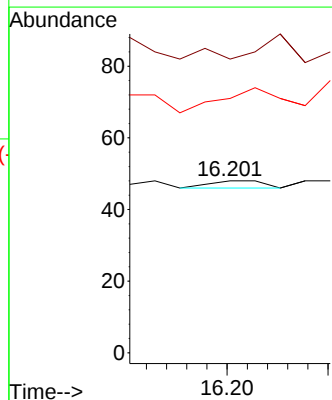
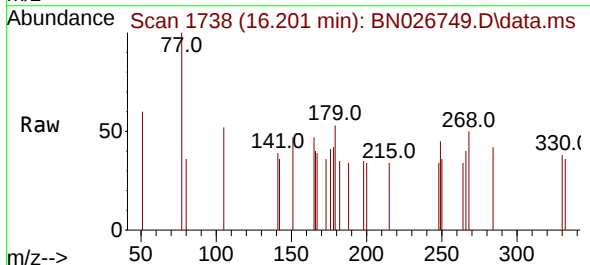
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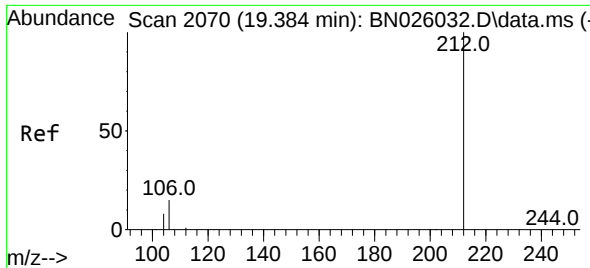
Tgt Ion:188 Resp: 5105
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 8.6 13.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.063 ng
RT: 16.201 min Scan# 1738
Delta R.T. 0.050 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 170.8 85.8 128.8#
105 147.9 48.2 72.2#

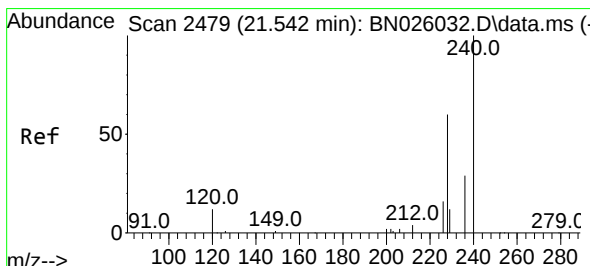
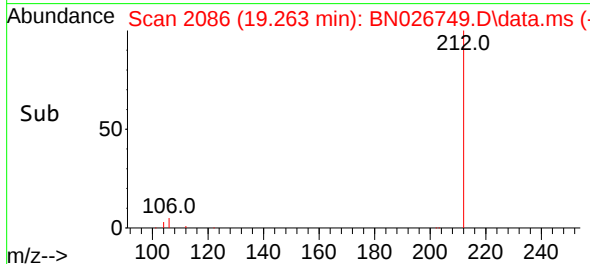
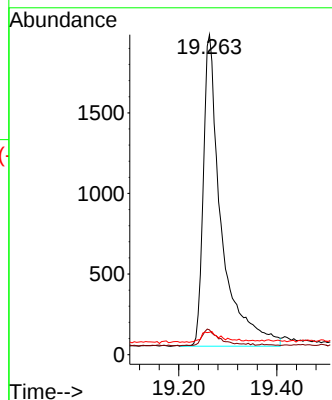
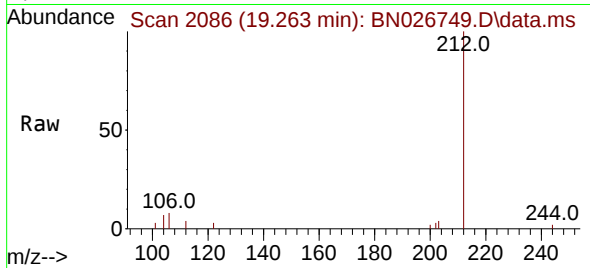




#27
Fluoranthene-d10
Concen: 0.455 ng
RT: 19.263 min Scan# 2070
Delta R.T. 0.014 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

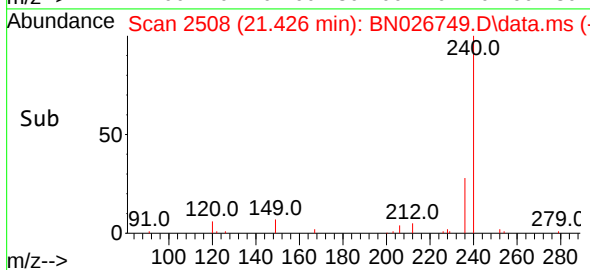
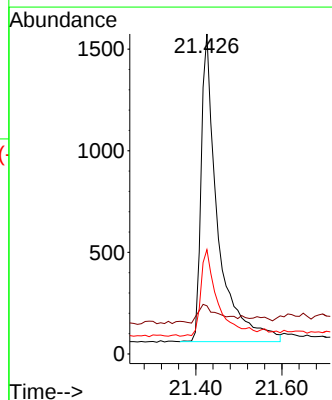
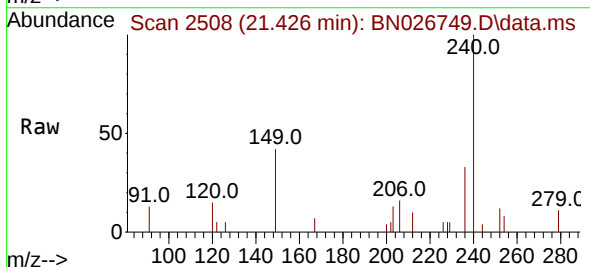
Instrument :
BNA_N
ClientSampleId :
PB154354BL

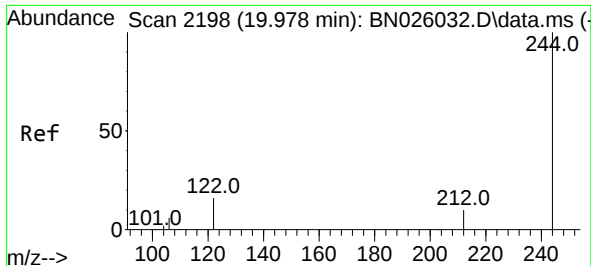
Tgt Ion:212 Resp: 4923
Ion Ratio Lower Upper
212 100
106 4.9 11.6 17.4#
104 3.2 7.2 10.8#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.426 min Scan# 2508
Delta R.T. 0.018 min
Lab File: BN026749.D
Acq: 25 Jul 2023 16:52

Tgt Ion:240 Resp: 4060
Ion Ratio Lower Upper
240 100
120 15.0 14.6 22.0
236 32.6 24.2 36.2

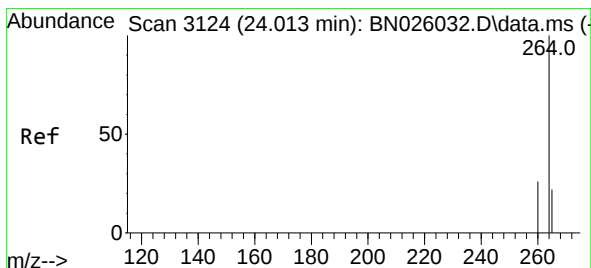
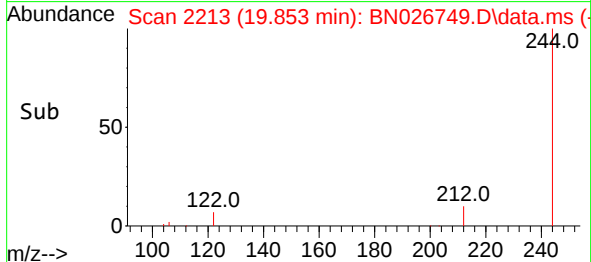
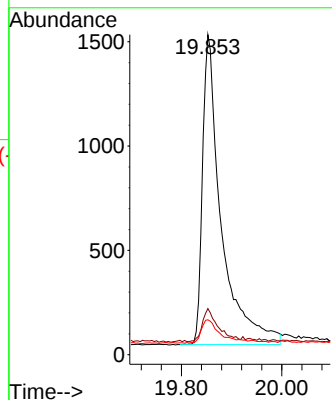
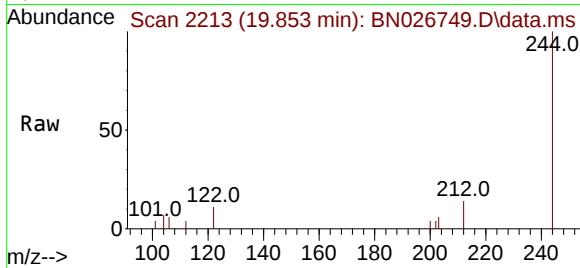




#31
 Terphenyl-d14
 Concen: 0.372 ng
 RT: 19.853 min Scan# 2198
 Delta R.T. 0.005 min
 Lab File: BN026749.D
 Acq: 25 Jul 2023 16:52

Instrument :
 BNA_N
 ClientSampleId :
 PB154354BL

Tgt Ion:244 Resp: 3861
 Ion Ratio Lower Upper
 244 100
 212 14.4 8.7 13.1#
 122 10.9 13.7 20.5#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.794 min Scan# 3091
 Delta R.T. 0.012 min
 Lab File: BN026749.D
 Acq: 25 Jul 2023 16:52

Tgt Ion:264 Resp: 4709
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.9 32.9
 265 117.1 80.3 120.5

