

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030056.D
 Acq On : 26 Feb 2024 13:59
 Operator : MA/JU
 Sample : P1507-24DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20240214DL

Quant Time: Feb 26 14:52:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 02:39:45 2024
 Response via : Initial Calibration

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

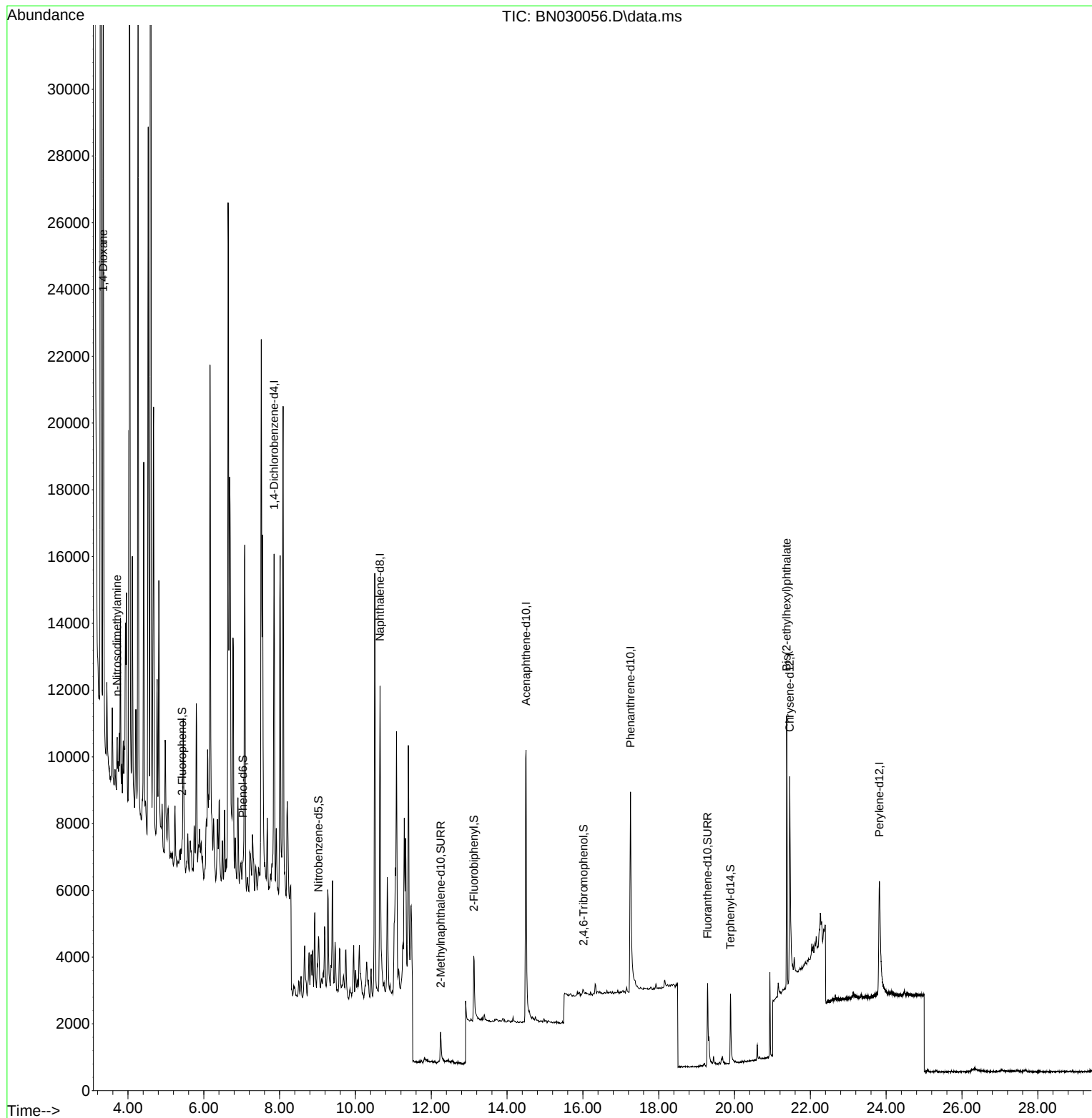
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	5258	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	13770	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	6616	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	13194	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9438	0.400	ng	0.00
35) Perylene-d12	23.821	264	8252	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	446	0.035	ng	0.00
5) Phenol-d6	7.031	99	513	0.035	ng	0.00
8) Nitrobenzene-d5	9.025	82	1215	0.106	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	1664	0.089	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	147	0.069	ng	0.01
15) 2-Fluorobiphenyl	13.121	172	2485	0.087	ng	0.00
27) Fluoranthene-d10	19.290	212	3785	0.118	ng	0.00
31) Terphenyl-d14	19.893	244	2814	0.120	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	14535	1.964	ng	# 95
3) n-Nitrosodimethylamine	3.709	42	458	0.076	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.376	149	7714	0.351	ng	100

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

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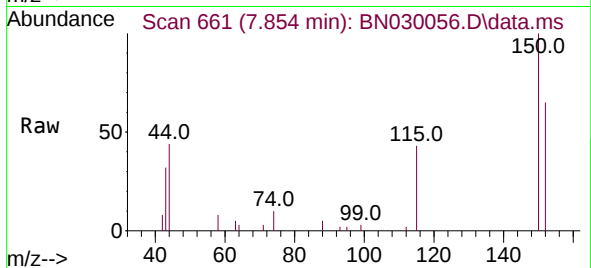
Quant Time: Feb 26 14:52:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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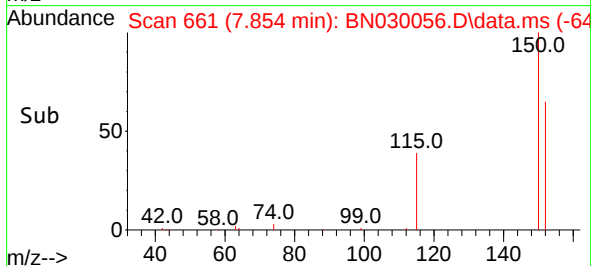
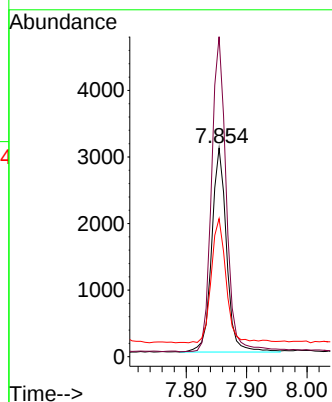


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Instrument :
BNA_N
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RE131D2-20240214DL

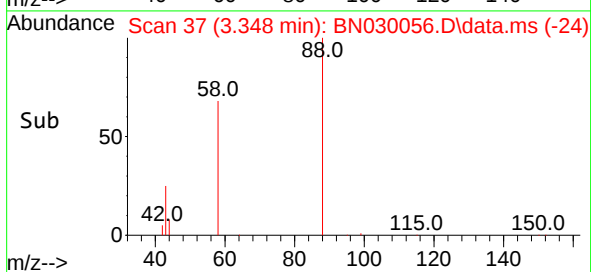
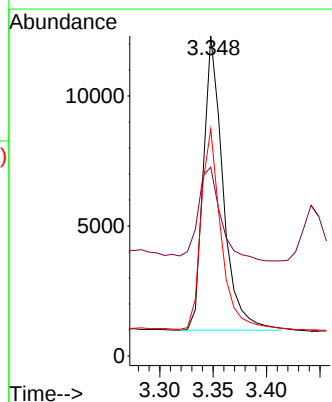
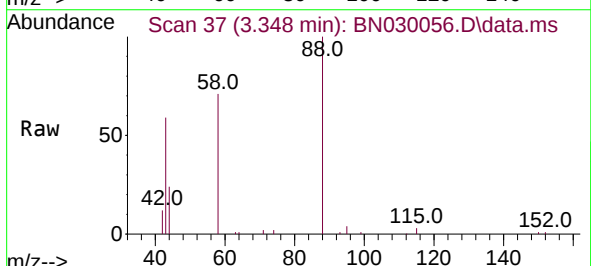


Tgt Ion:152 Resp: 5258
Ion Ratio Lower Upper
152 100
150 153.4 123.0 184.4
115 66.2 51.4 77.0



#2
1,4-Dioxane
Concen: 1.964 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion: 88 Resp: 14535
Ion Ratio Lower Upper
88 100
43 36.7 23.3 34.9#
58 68.6 53.8 80.6

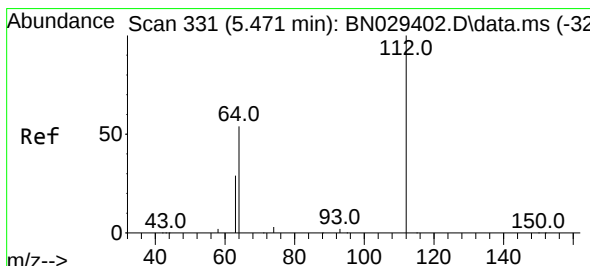
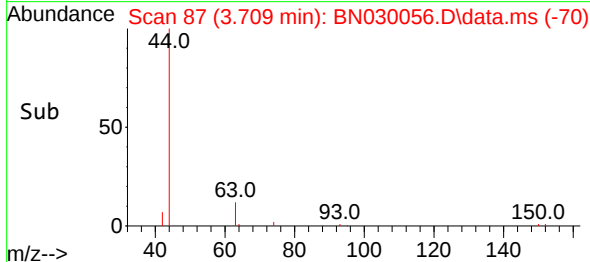
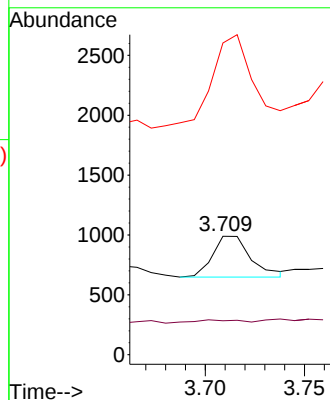
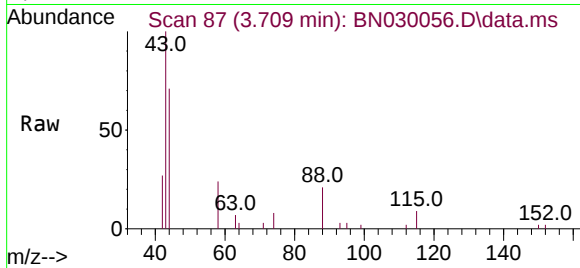




#3
n-Nitrosodimethylamine
Concen: 0.076 ng
RT: 3.709 min Scan# 81
Delta R.T. 0.022 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

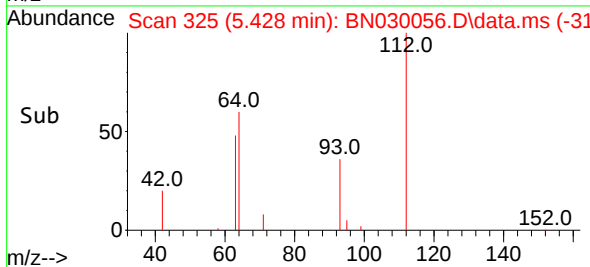
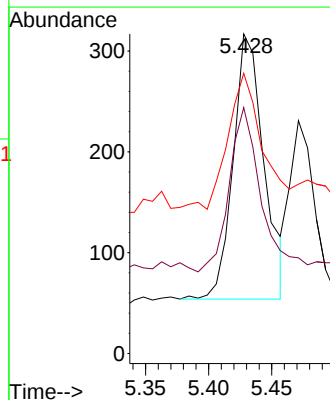
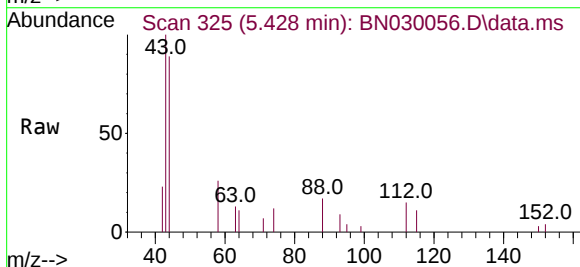
Instrument :
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Tgt Ion: 42 Resp: 458
Ion Ratio Lower Upper
42 100
74 9.6 93.7 140.5#
44 252.6 13.0 19.4#



#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.428 min Scan# 325
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion: 112 Resp: 446
Ion Ratio Lower Upper
112 100
64 65.7 47.2 70.8
63 55.4 25.8 38.6#

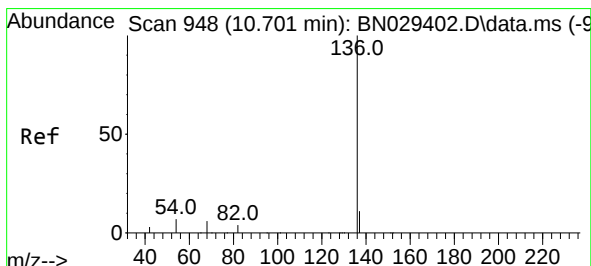
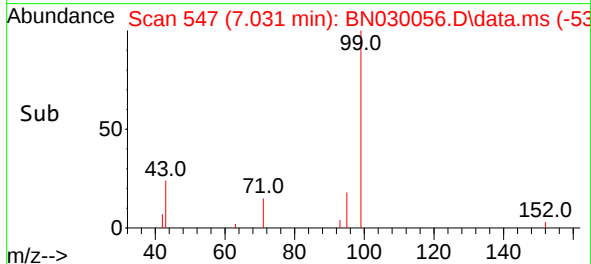
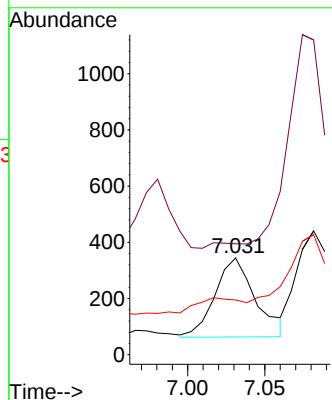
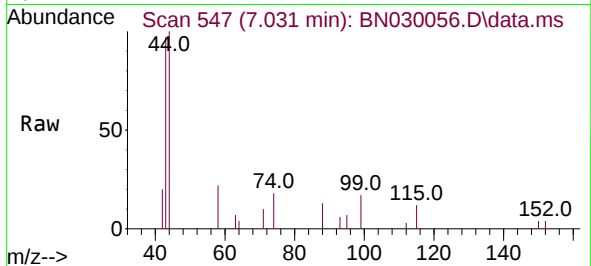




#5
Phenol-d6
Concen: 0.035 ng
RT: 7.031 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

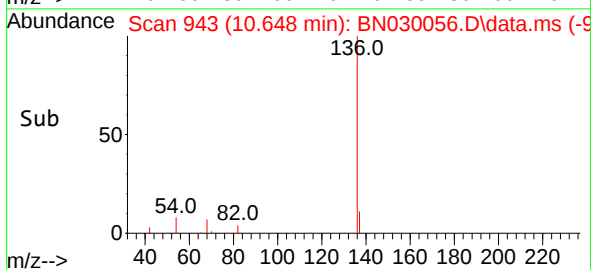
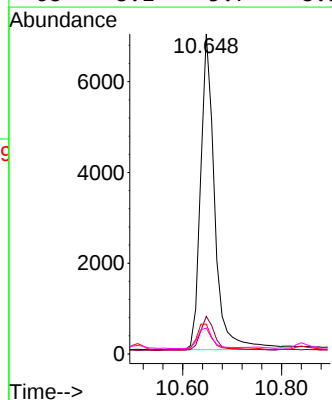
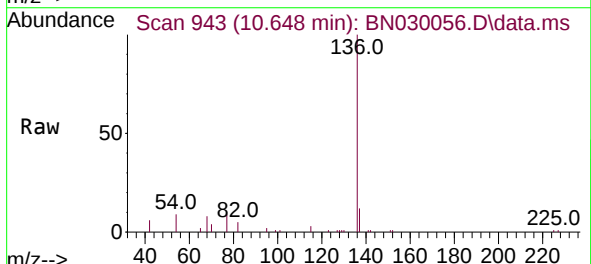
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214DL

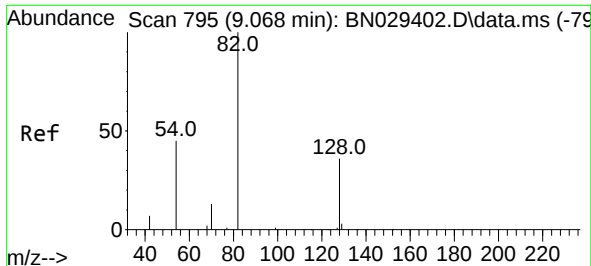
Tgt Ion: 99 Resp: 513
Ion Ratio Lower Upper
99 100
42 0.0 16.9 25.3#
71 30.8 30.0 45.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion: 136 Resp: 13770
Ion Ratio Lower Upper
136 100
137 11.8 9.7 14.5
54 9.3 6.6 10.0
68 8.1 5.7 8.5

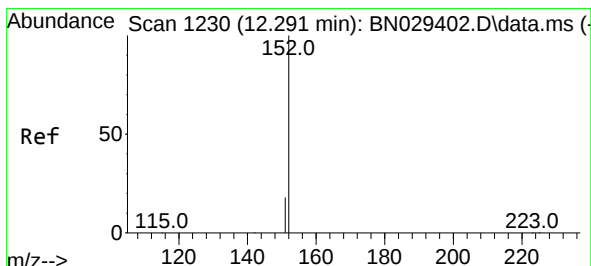
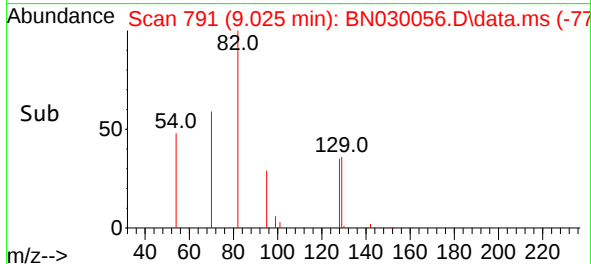
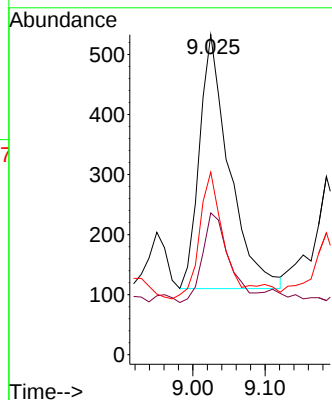
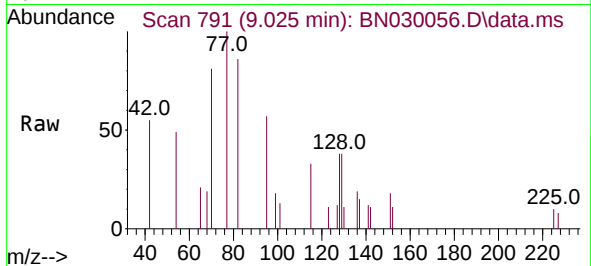




#8
Nitrobenzene-d5
Concen: 0.106 ng
RT: 9.025 min Scan# 795
Delta R.T. 0.011 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

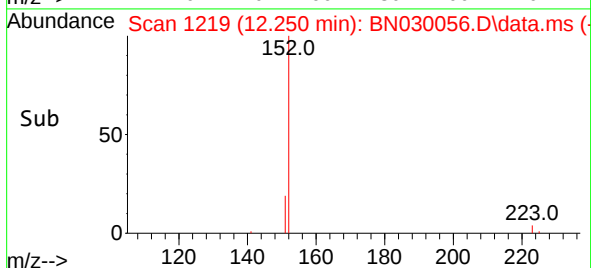
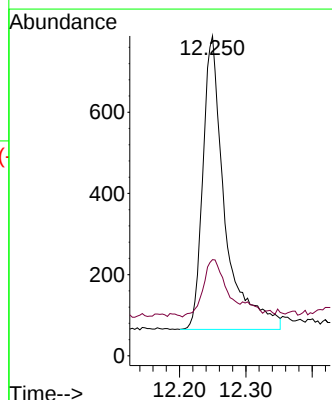
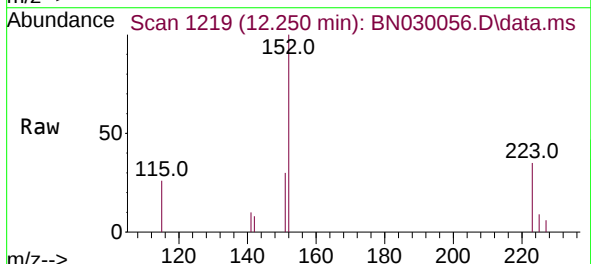
Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214DL

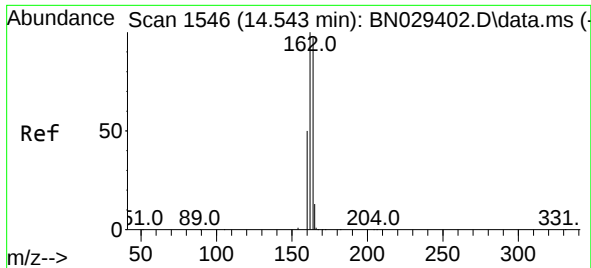
Tgt Ion: 82 Resp: 1215
Ion Ratio Lower Upper
82 100
128 44.3 31.6 47.4
54 57.0 38.2 57.4



#11
2-Methylnaphthalene-d10
Concen: 0.089 ng
RT: 12.250 min Scan# 1219
Delta R.T. 0.004 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion: 152 Resp: 1664
Ion Ratio Lower Upper
152 100
151 20.2 17.1 25.7

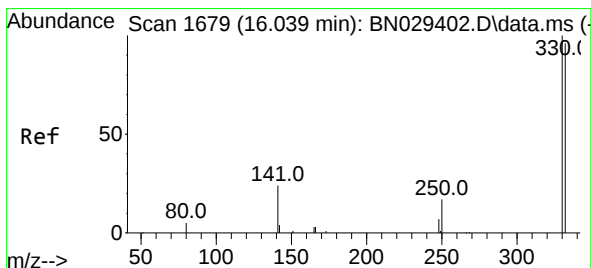
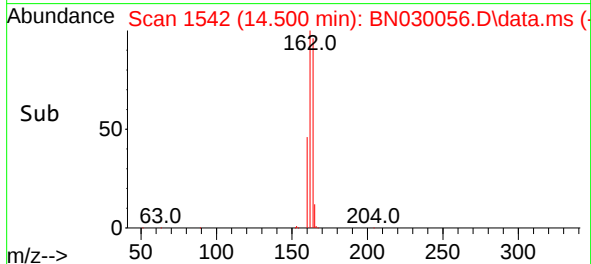
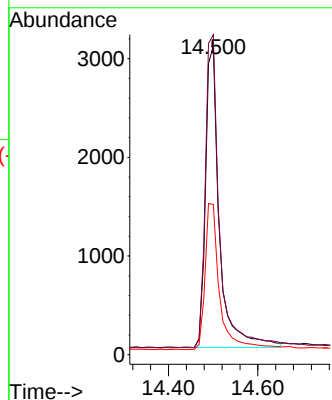
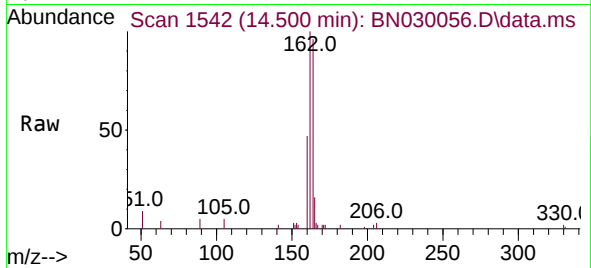




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 11
Delta R.T. 0.011 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

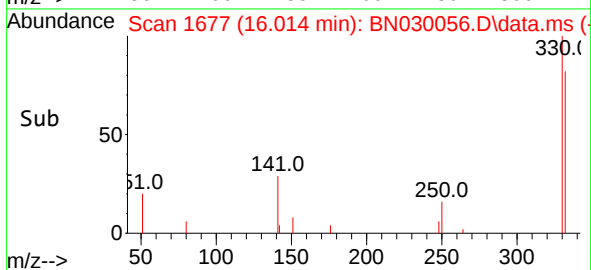
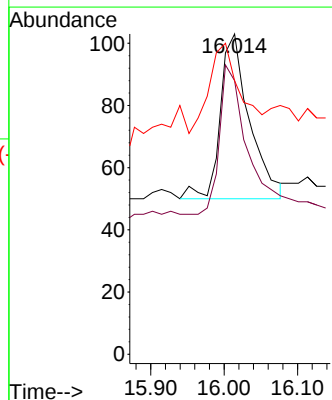
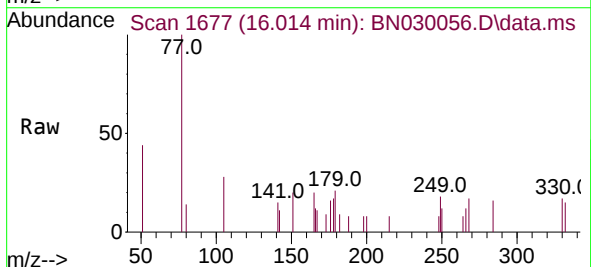
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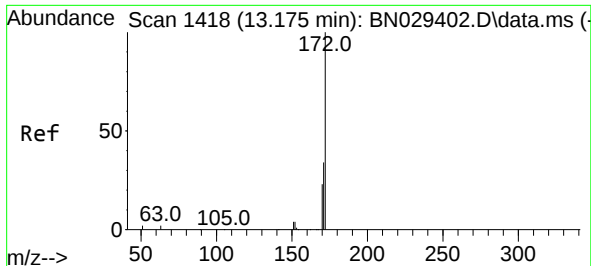
Tgt Ion:164 Resp: 6616
Ion Ratio Lower Upper
164 100
162 103.7 82.6 123.8
160 48.7 41.5 62.3



#14
2,4,6-Tribromophenol
Concen: 0.069 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.013 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion:330 Resp: 147
Ion Ratio Lower Upper
330 100
332 90.5 76.0 114.0
141 57.8 43.4 65.2

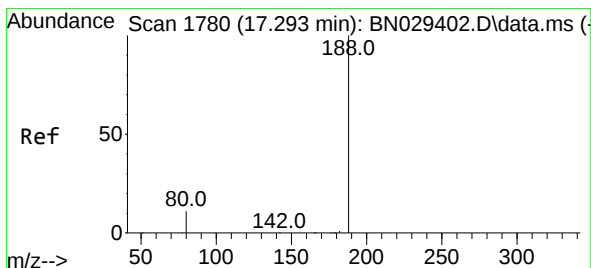
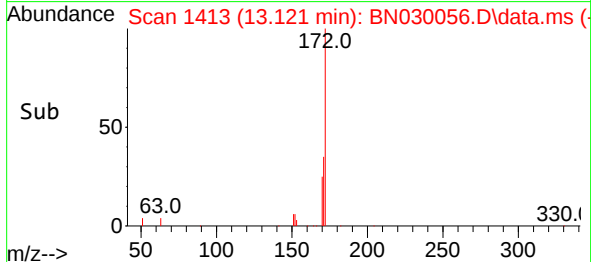
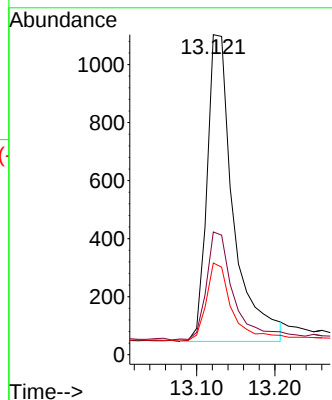
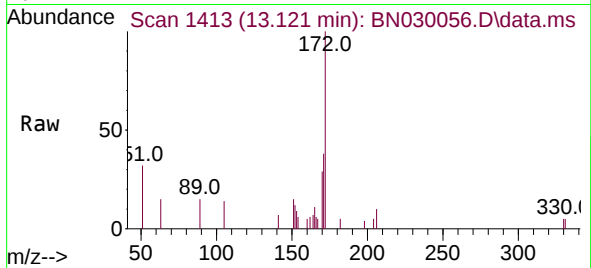




#15
2-Fluorobiphenyl
Concen: 0.087 ng
RT: 13.121 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

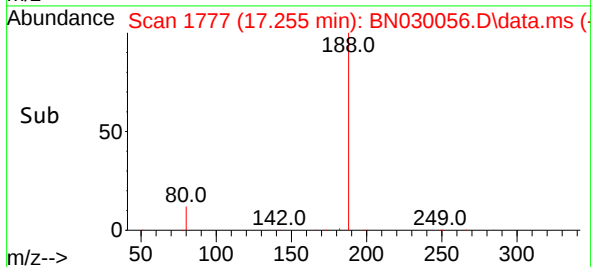
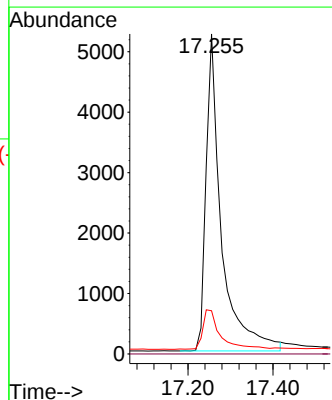
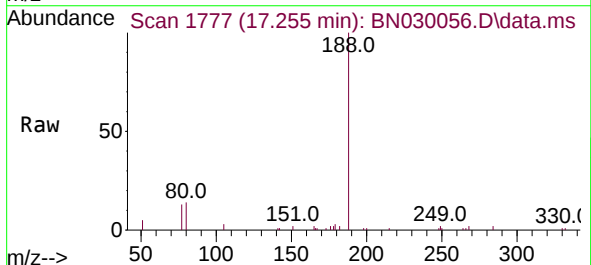
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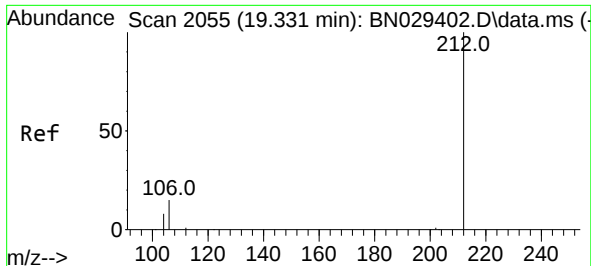
Tgt Ion:172 Resp: 2485
Ion Ratio Lower Upper
172 100
171 38.3 28.0 42.0
170 28.6 18.7 28.1#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion:188 Resp: 13194
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.5 10.0 15.0

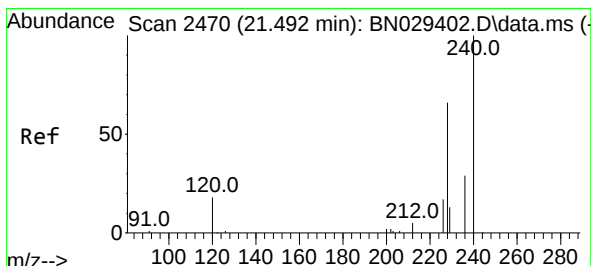
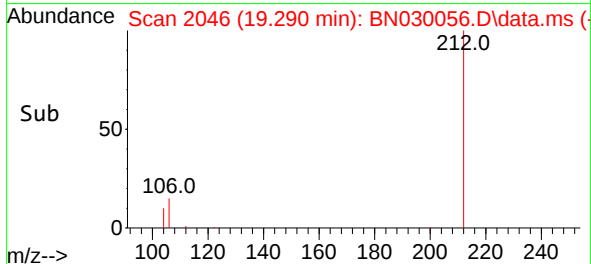
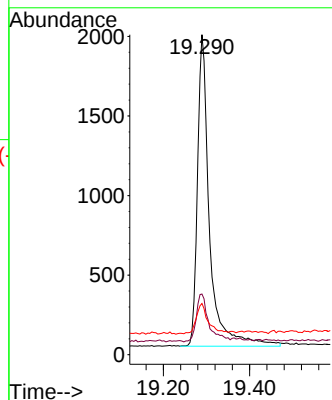
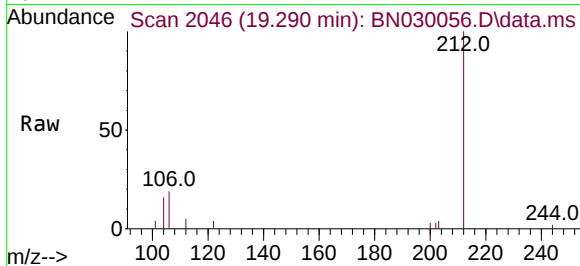




#27
Fluoranthene-d10
Concen: 0.118 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

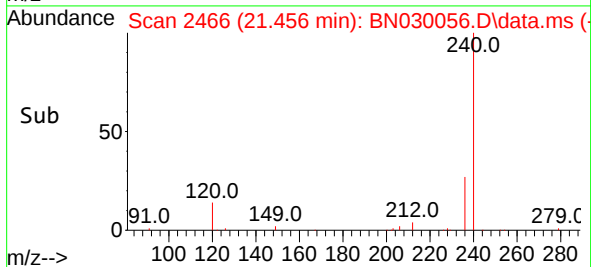
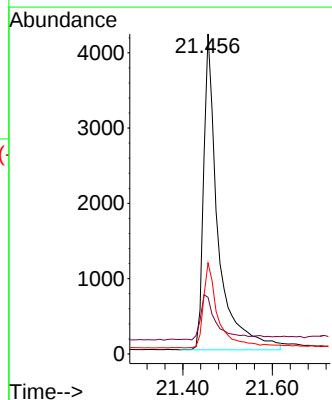
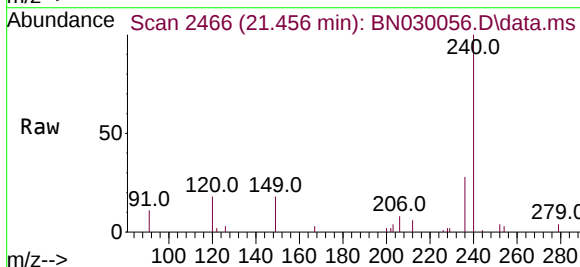
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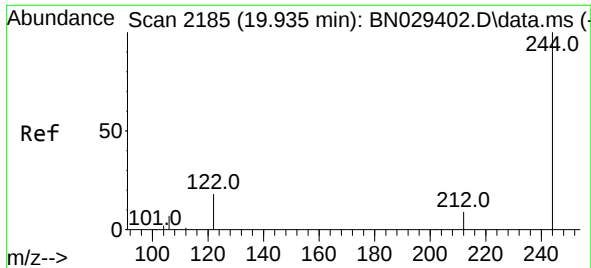
Tgt Ion:212 Resp: 3785
Ion Ratio Lower Upper
212 100
106 16.0 13.2 19.8
104 10.2 7.7 11.5



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Tgt Ion:240 Resp: 9438
Ion Ratio Lower Upper
240 100
120 17.7 16.7 25.1
236 28.4 23.9 35.9

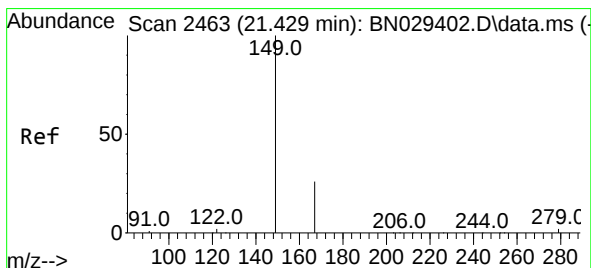
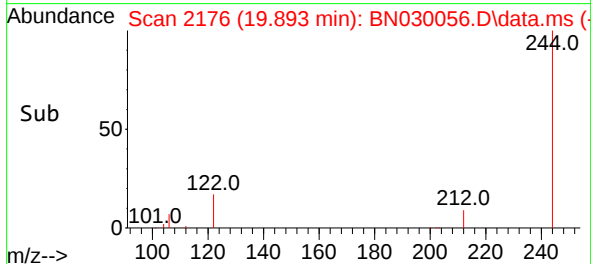
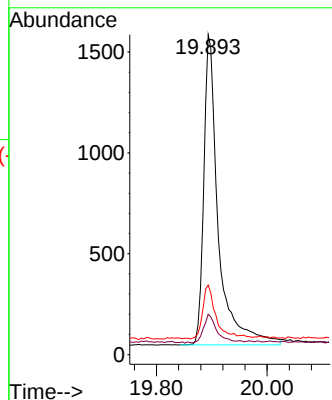
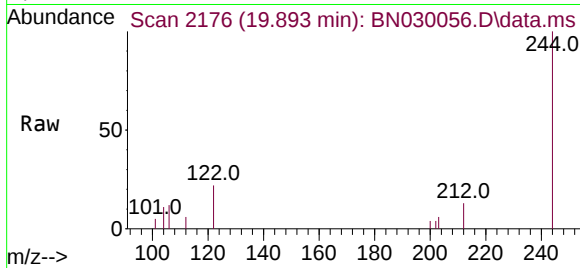




#31
 Terphenyl-d14
 Concen: 0.120 ng
 RT: 19.893 min Scan# 2185
 Delta R.T. -0.005 min
 Lab File: BN030056.D
 Acq: 26 Feb 2024 13:59

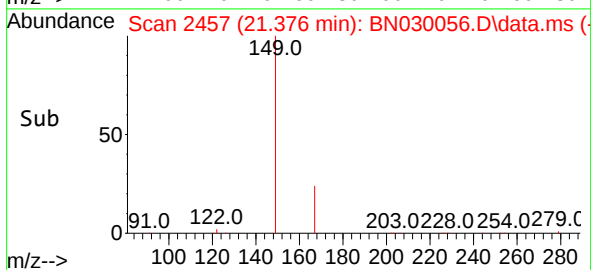
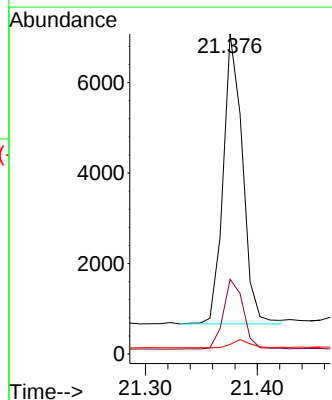
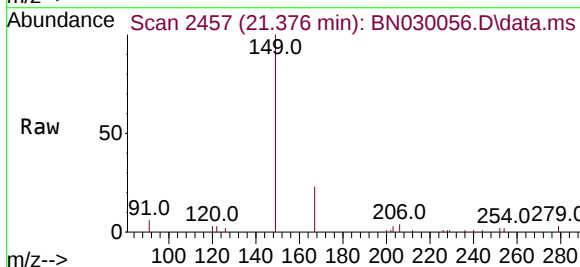
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 RE131D2-20240214DL

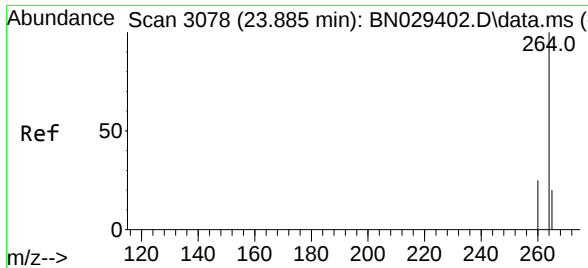
Tgt Ion:244 Resp: 2814
 Ion Ratio Lower Upper
 244 100
 212 12.6 8.2 12.4#
 122 21.8 15.6 23.4



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.351 ng
 RT: 21.376 min Scan# 2457
 Delta R.T. -0.009 min
 Lab File: BN030056.D
 Acq: 26 Feb 2024 13:59

Tgt Ion:149 Resp: 7714
 Ion Ratio Lower Upper
 149 100
 167 25.0 20.1 30.1
 279 2.8 2.5 3.7





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.821 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN030056.D
Acq: 26 Feb 2024 13:59

Instrument :
BNA_N
ClientSampleId :
RE131D2-20240214DL

Tgt Ion:264 Resp: 8252

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.2	31.8
265	81.0	41.5	62.3#

