

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030052.D
 Acq On : 26 Feb 2024 11:34
 Operator : MA/JU
 Sample : P1520-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240216DL

Quant Time: Feb 26 12:04:22 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)

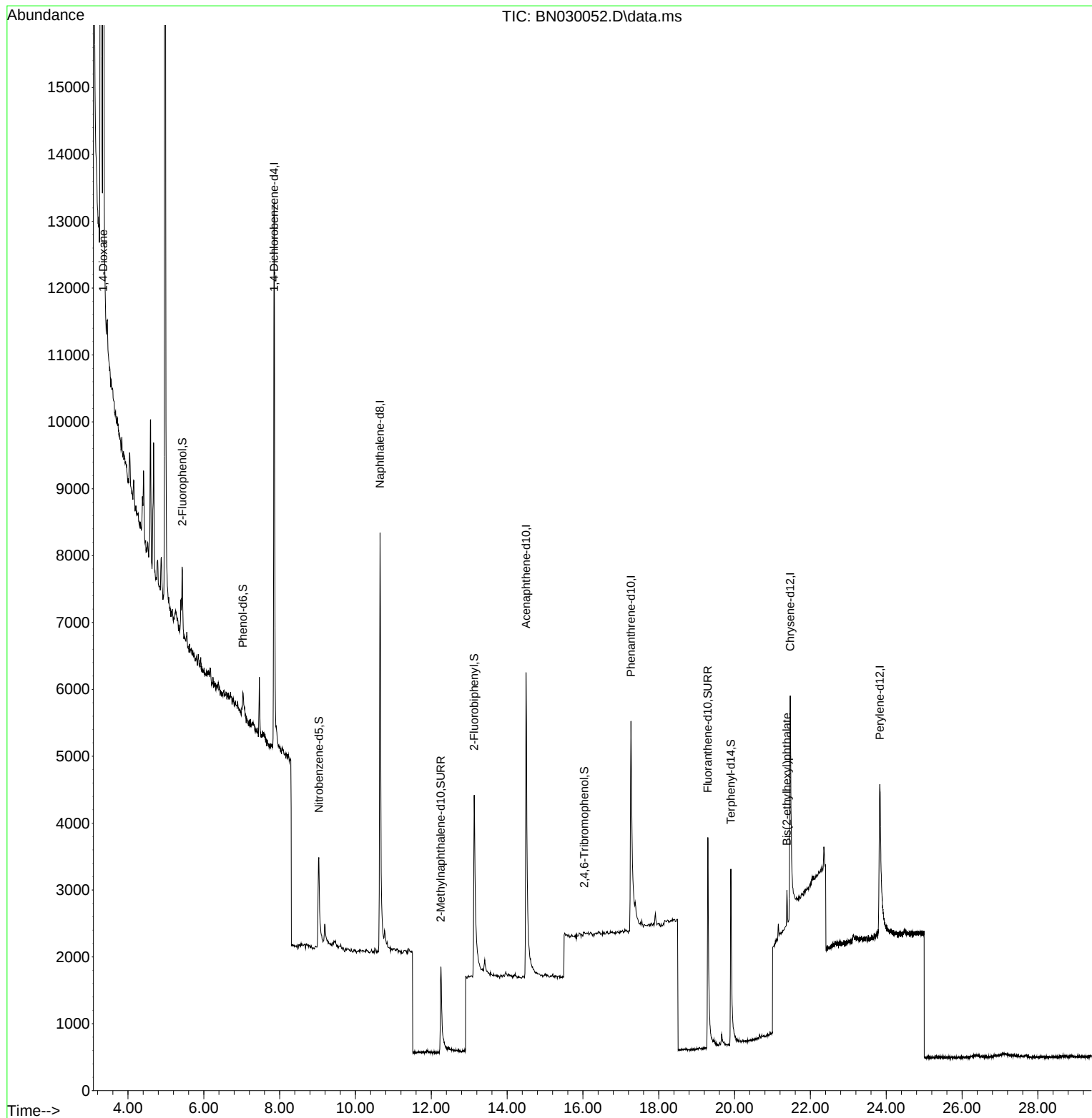
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	4342	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10854	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4624	0.400	ng	0.01
19) Phenanthrene-d10	17.268	188	8961	0.400	ng	0.01
29) Chrysene-d12	21.470	240	6386	0.400	ng	0.01
35) Perylene-d12	23.831	264	6121	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	823	0.079	ng	0.00
5) Phenol-d6	7.031	99	632	0.053	ng	0.00
8) Nitrobenzene-d5	9.036	82	2124	0.235	ng	0.02
11) 2-Methylnaphthalene-d10	12.254	152	3236	0.219	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	64	0.043	ng	0.04
15) 2-Fluorobiphenyl	13.132	172	4315	0.217	ng	0.01
27) Fluoranthene-d10	19.294	212	5986	0.276	ng	0.00
31) Terphenyl-d14	19.903	244	4667	0.294	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	18258	2.987	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.380	149	666	0.045	ng	# 91

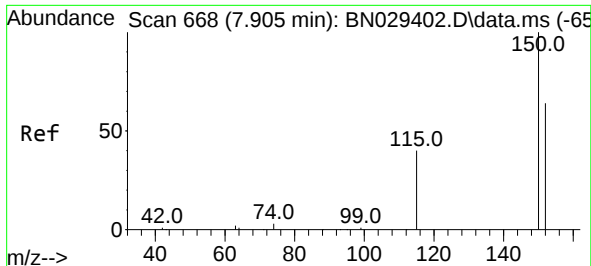
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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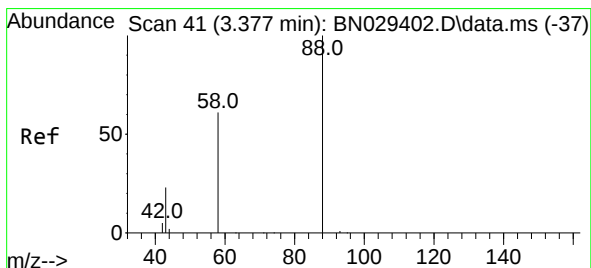
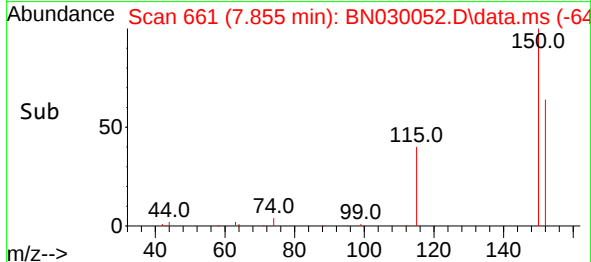
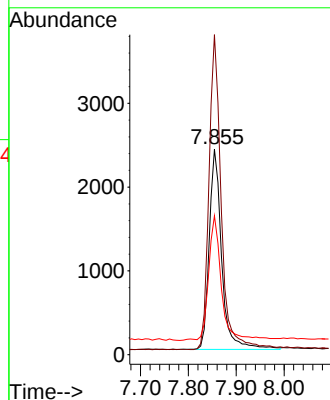
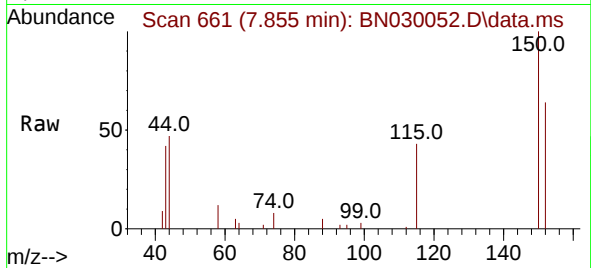




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.855 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

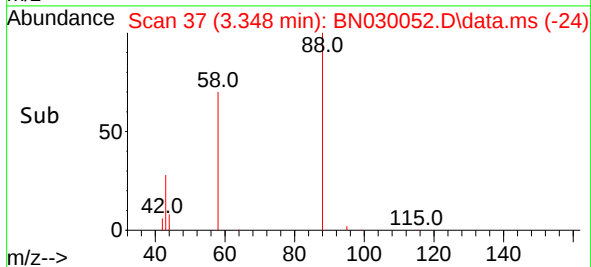
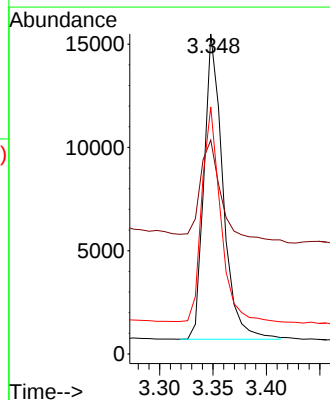
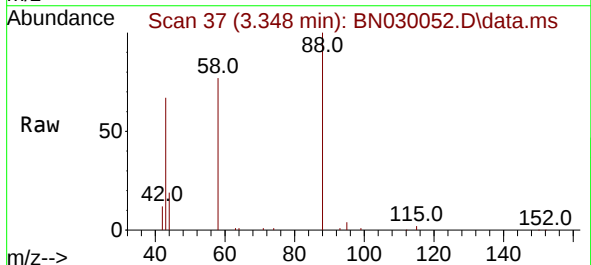
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216DL

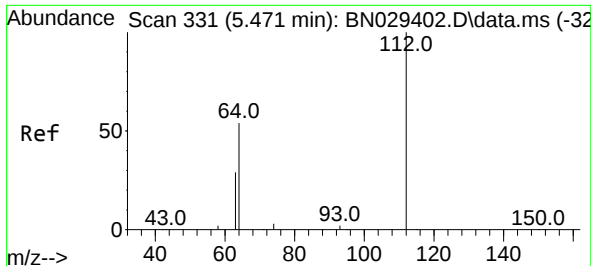
Tgt Ion:152 Resp: 4342
Ion Ratio Lower Upper
152 100
150 155.7 123.0 184.4
115 67.6 51.4 77.0



#2
1,4-Dioxane
Concen: 2.987 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion: 88 Resp: 18258
Ion Ratio Lower Upper
88 100
43 35.3 23.3 34.9#
58 69.5 53.8 80.6

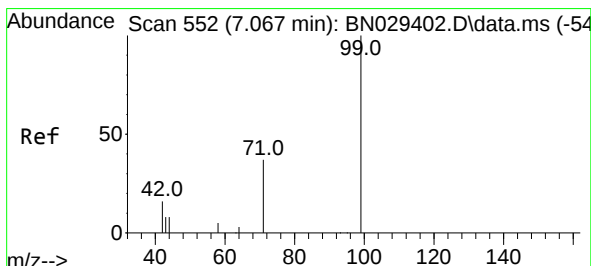
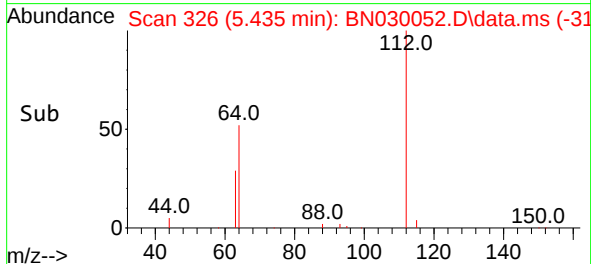
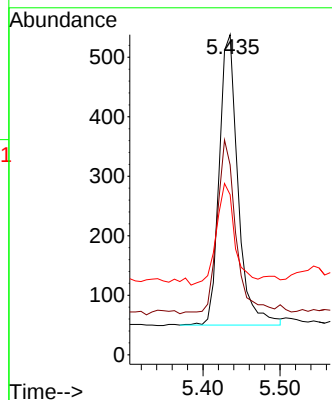
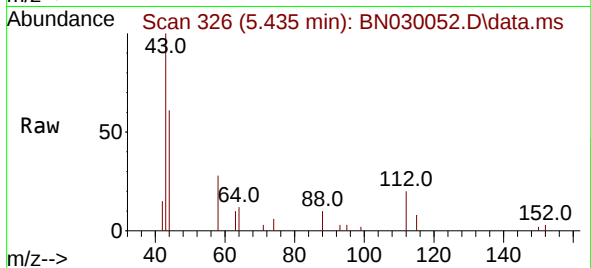




#4
2-Fluorophenol
Concen: 0.079 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

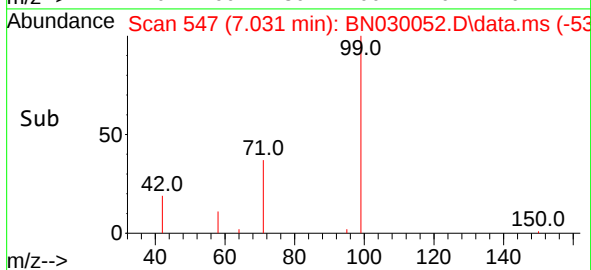
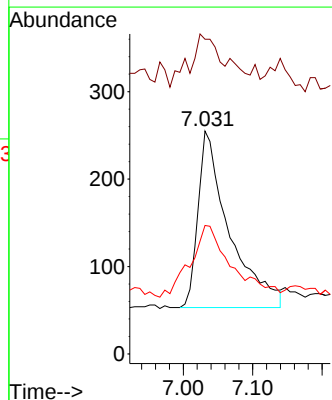
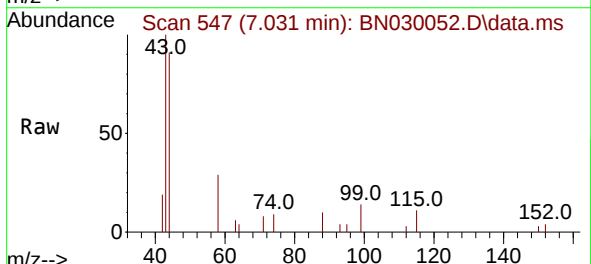
Instrument :
BNA_N
ClientSampleId :
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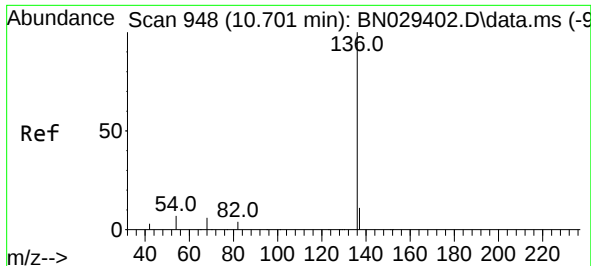
Tgt Ion:112 Resp: 823
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 34.8 25.8 38.6



#5
Phenol-d6
Concen: 0.053 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion: 99 Resp: 632
Ion Ratio Lower Upper
99 100
42 26.6 16.9 25.3#
71 53.3 30.0 45.0#

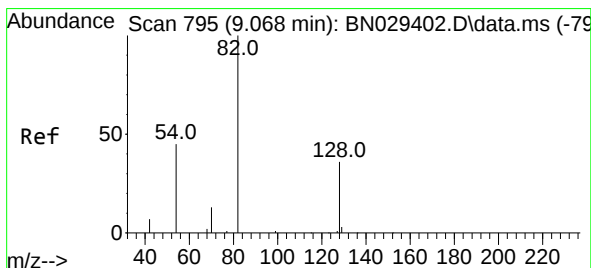
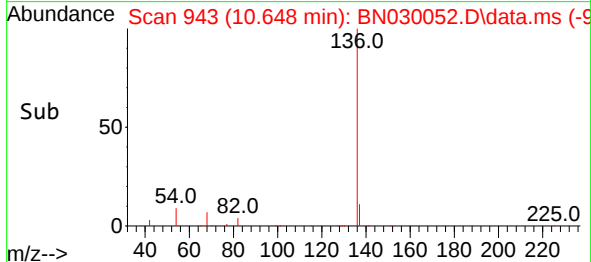
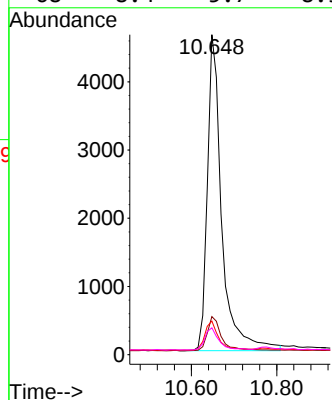
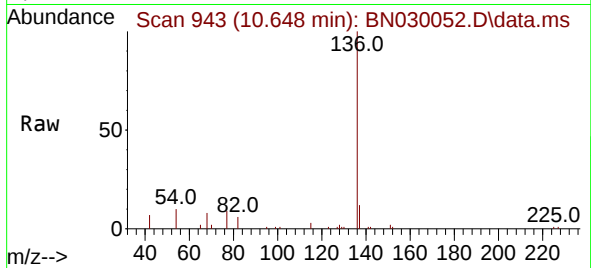




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

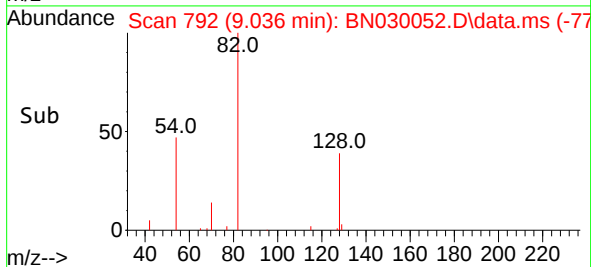
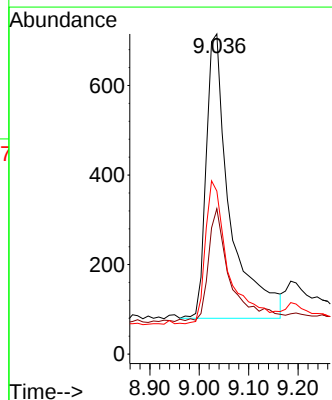
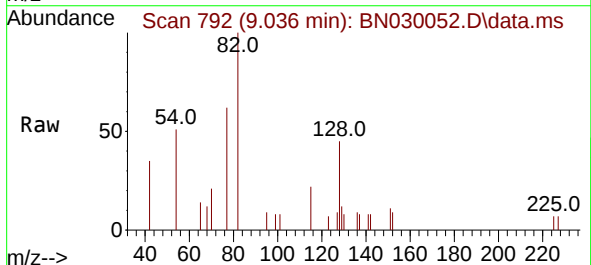
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216DL

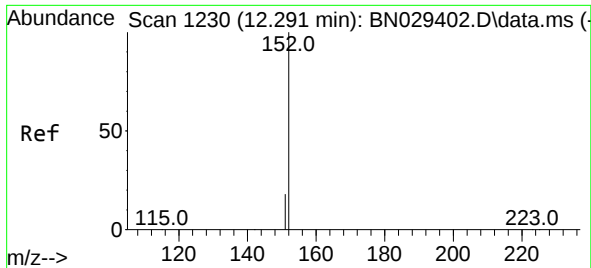
Tgt Ion:	136	Resp:	10854
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.7	14.5
54	10.5	6.6	10.0
68	8.4	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 9.036 min Scan# 792
Delta R.T. 0.022 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion:	82	Resp:	2124
Ion	Ratio	Lower	Upper
82	100		
128	45.5	31.6	47.4
54	50.9	38.2	57.4

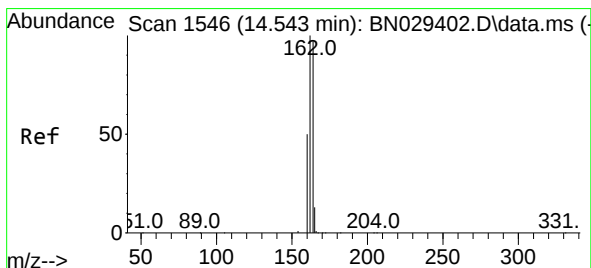
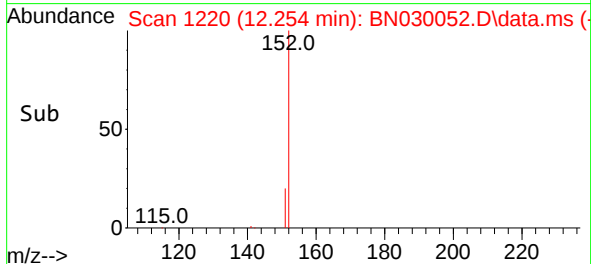
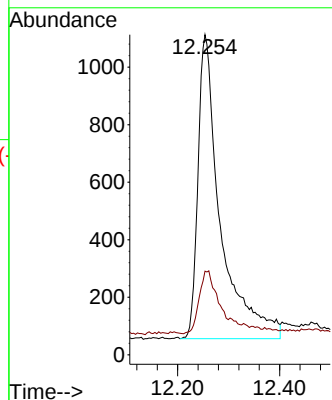
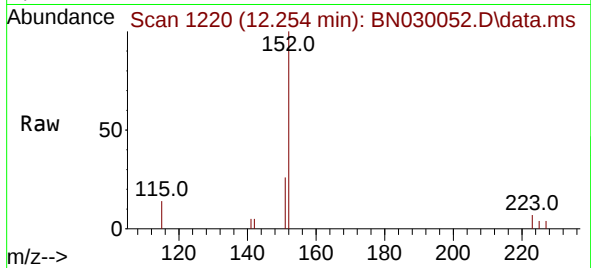




#11
2-Methylnaphthalene-d10
Concen: 0.219 ng
RT: 12.254 min Scan# 11
Delta R.T. 0.008 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

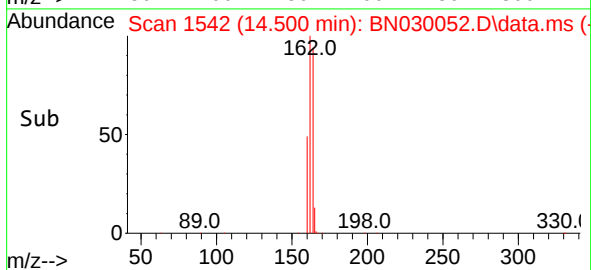
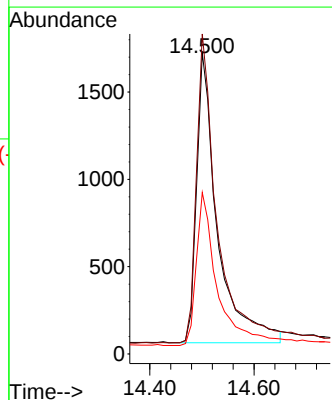
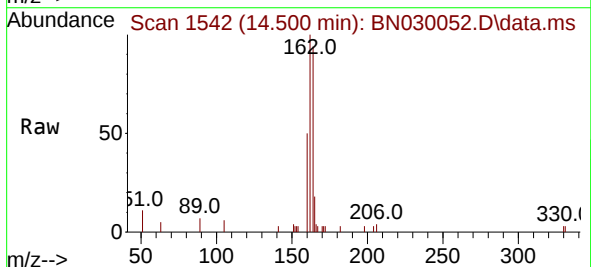
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216DL

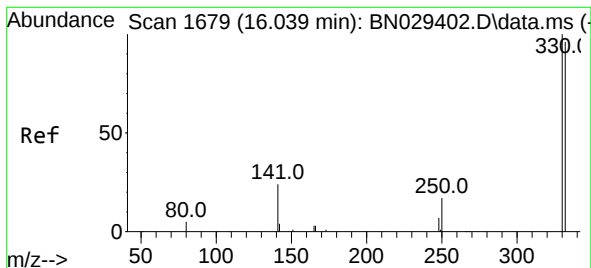
Tgt Ion:152 Resp: 3236
Ion Ratio Lower Upper
152 100
151 19.2 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion:164 Resp: 4624
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 53.7 41.5 62.3

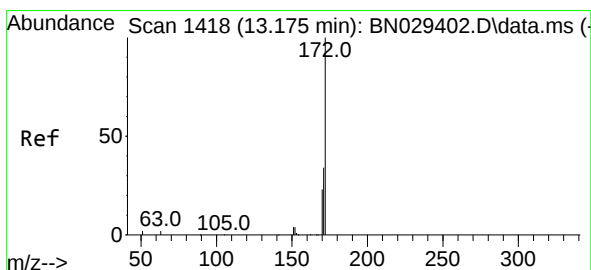
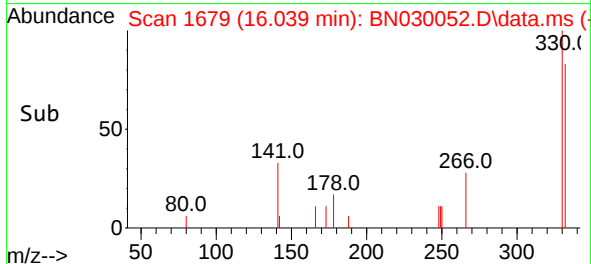
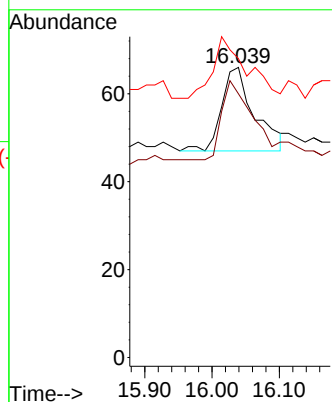
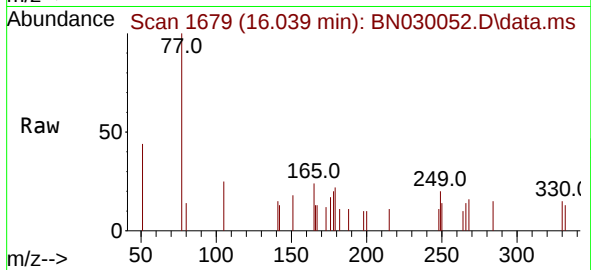




#14
2,4,6-Tribromophenol
Concen: 0.043 ng
RT: 16.039 min Scan# 1
Delta R.T. 0.037 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

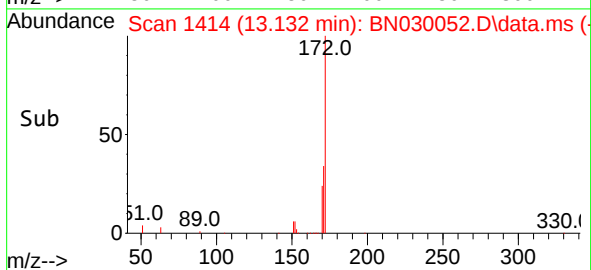
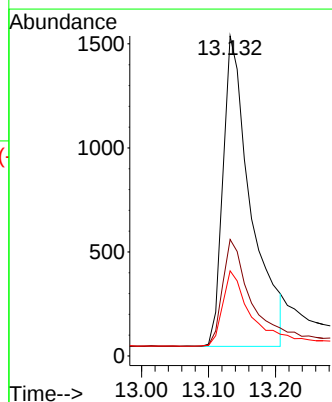
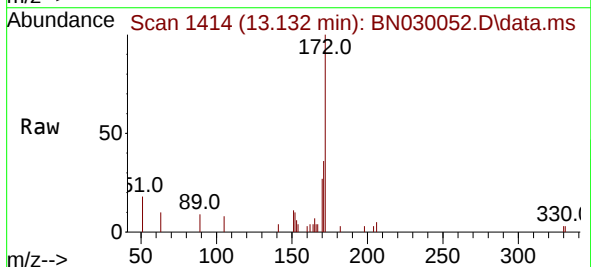
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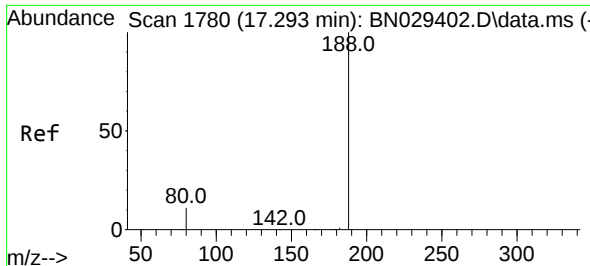
Tgt Ion:330 Resp: 64
Ion Ratio Lower Upper
330 100
332 93.8 76.0 114.0
141 0.0 43.4 65.2#



#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion:172 Resp: 4315
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 26.6 18.7 28.1

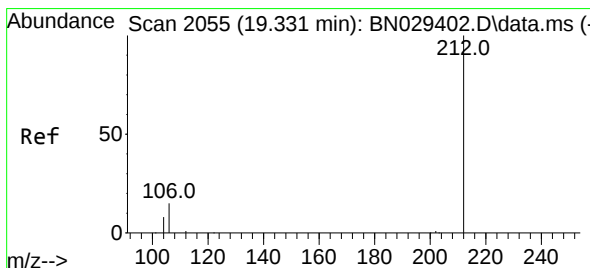
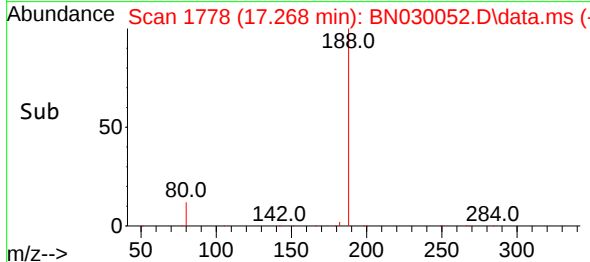
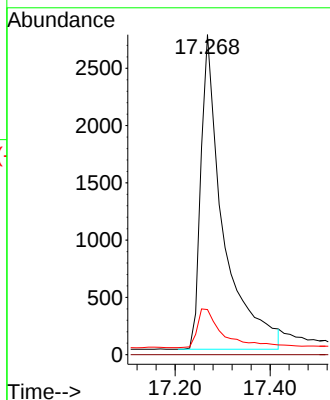
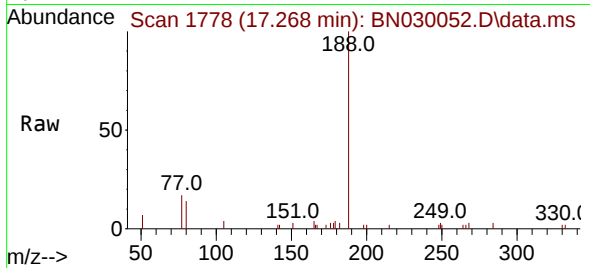




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.268 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

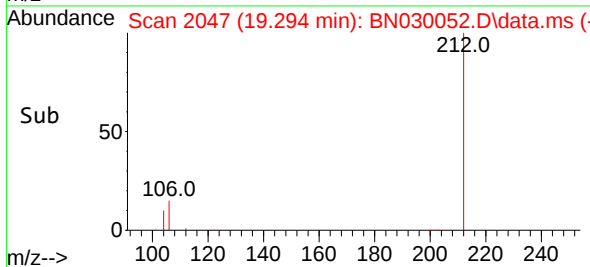
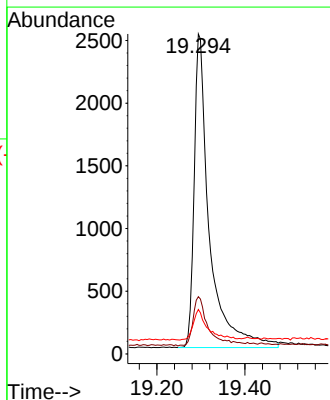
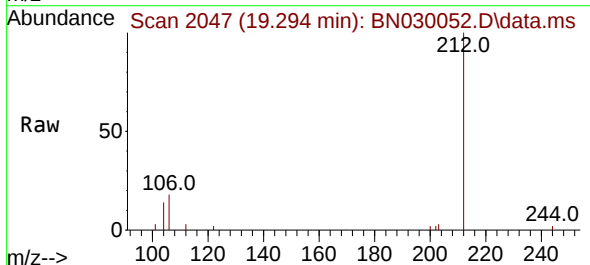
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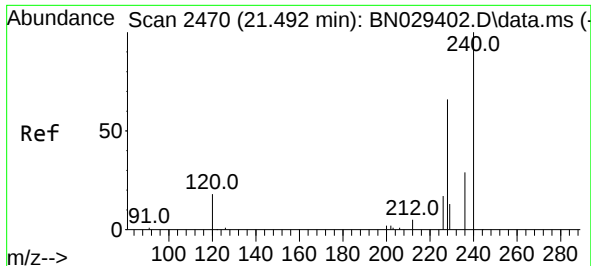
Tgt Ion:188 Resp: 8961
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.1 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.276 ng
RT: 19.294 min Scan# 2047
Delta R.T. 0.005 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion:212 Resp: 5986
Ion Ratio Lower Upper
212 100
106 16.1 13.2 19.8
104 9.2 7.7 11.5

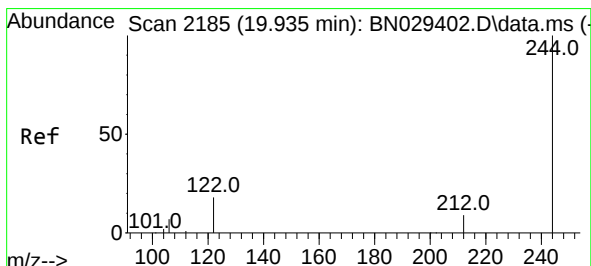
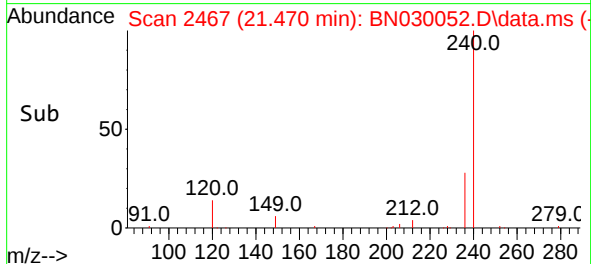
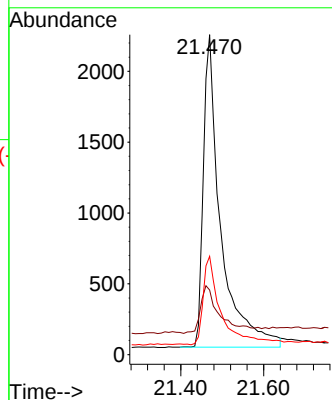
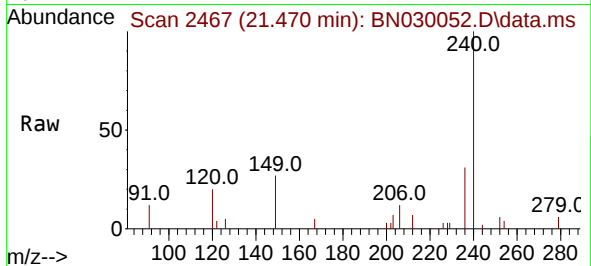




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.470 min Scan# 2467
Delta R.T. 0.014 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

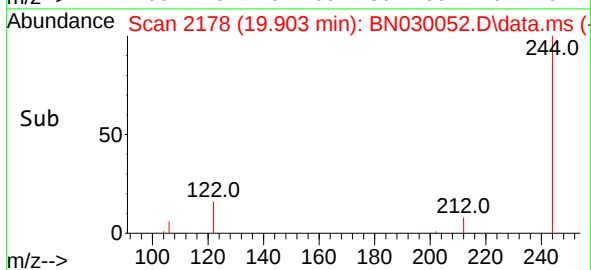
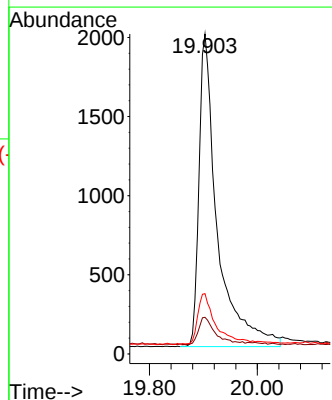
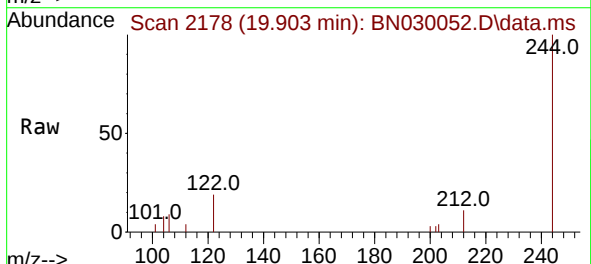
Instrument :
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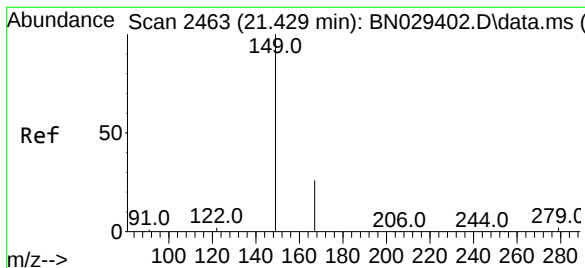
Tgt Ion:240 Resp: 6386
Ion Ratio Lower Upper
240 100
120 20.2 16.7 25.1
236 30.8 23.9 35.9



#31
Terphenyl-d14
Concen: 0.294 ng
RT: 19.903 min Scan# 2178
Delta R.T. 0.005 min
Lab File: BN030052.D
Acq: 26 Feb 2024 11:34

Tgt Ion:244 Resp: 4667
Ion Ratio Lower Upper
244 100
212 11.4 8.2 12.4
122 18.8 15.6 23.4

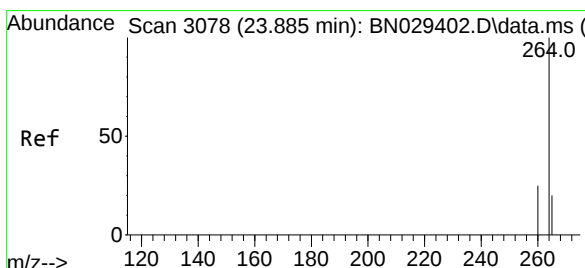
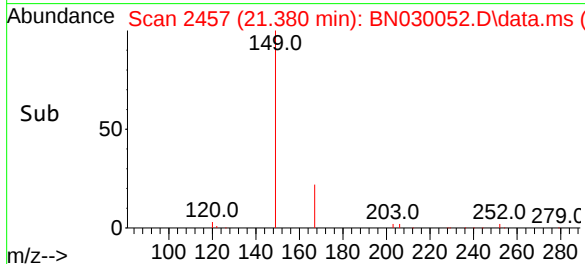
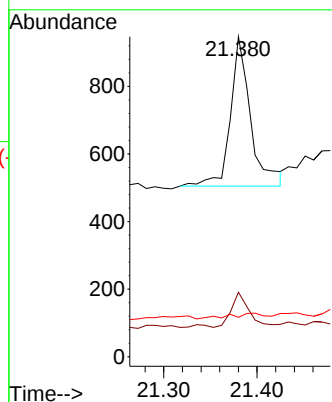
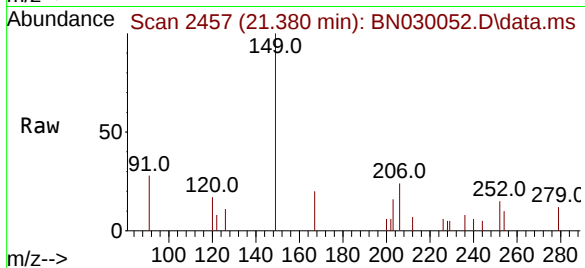




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.045 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.004 min
 Lab File: BN030052.D
 Acq: 26 Feb 2024 11:34

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240216DL

Tgt Ion:149 Resp: 666
 Ion Ratio Lower Upper
 149 100
 167 20.7 20.1 30.1
 279 6.8 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.831 min Scan# 3058
 Delta R.T. 0.010 min
 Lab File: BN030052.D
 Acq: 26 Feb 2024 11:34

Tgt Ion:264 Resp: 6121
 Ion Ratio Lower Upper
 264 100
 260 27.0 21.2 31.8
 265 95.9 41.5 62.3#

