

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022324\
 Data File : BN029990.D
 Acq On : 24 Feb 2024 12:30
 Operator : MA/JU
 Sample : P1520-03
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP04-20240215

Quant Time: Feb 26 04:52:39 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)

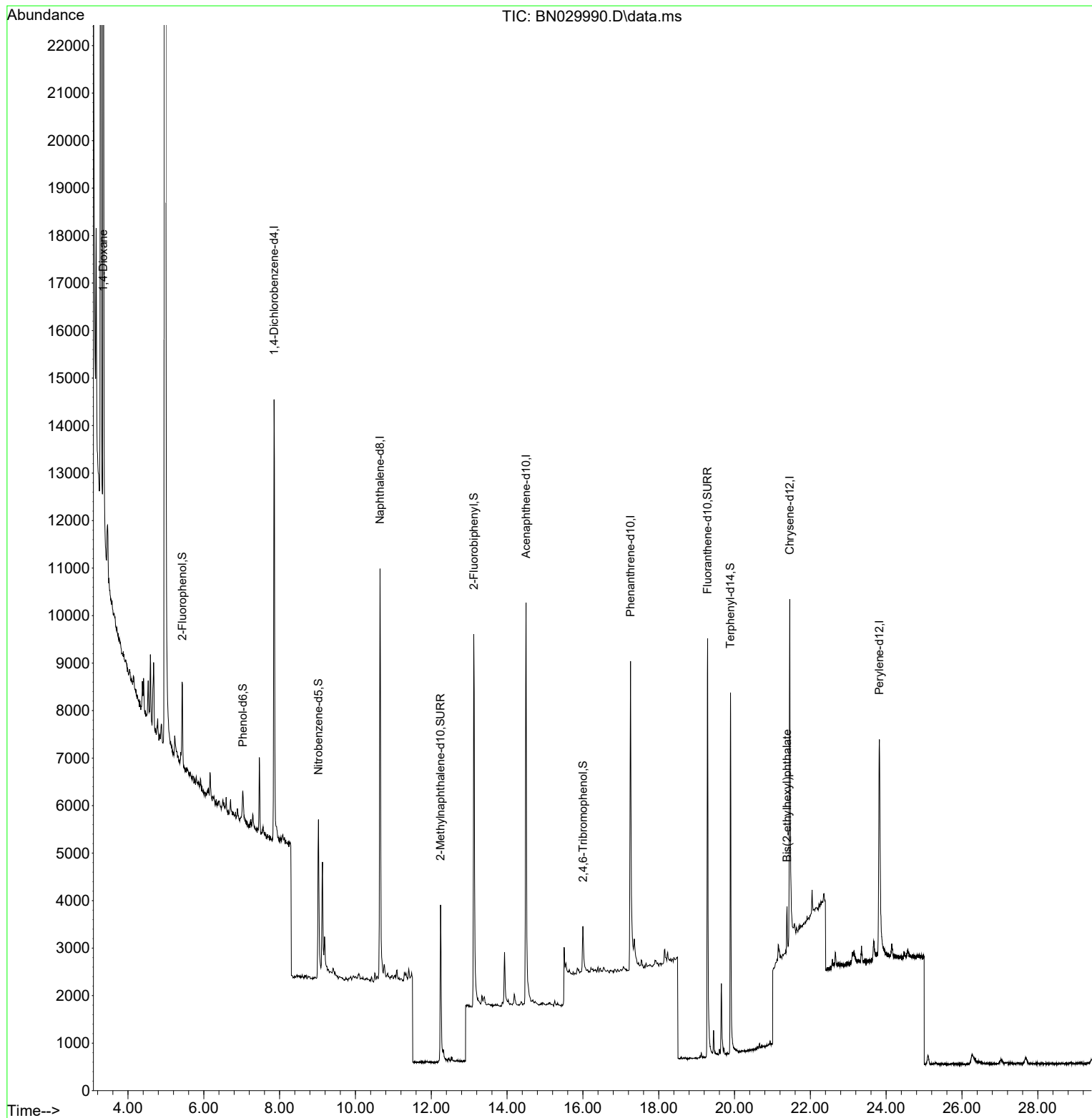
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4716	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12653	0.400	ng	0.00
13) Acenaphthene-d10	14.500	164	6087	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	11669	0.400	ng	0.00
29) Chrysene-d12	21.456	240	9285	0.400	ng	# 0.00
35) Perylene-d12	23.821	264	8848	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1473	0.130	ng	0.00
5) Phenol-d6	7.031	99	871	0.067	ng	0.00
8) Nitrobenzene-d5	9.025	82	3701	0.351	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	5531	0.321	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	760	0.389	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8672	0.332	ng	0.00
27) Fluoranthene-d10	19.289	212	11400	0.403	ng	0.00
31) Terphenyl-d14	19.893	244	8863	0.385	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	18546	2.793	ng	96
34) Bis(2-ethylhexyl)phtha...	21.384	149	1007	0.047	ng	# 99

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

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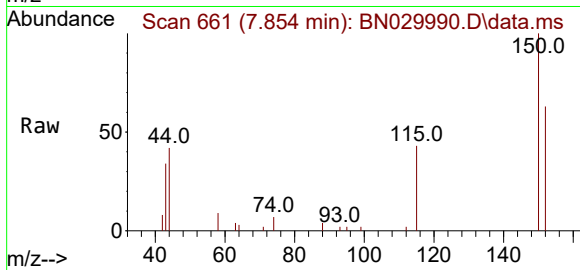
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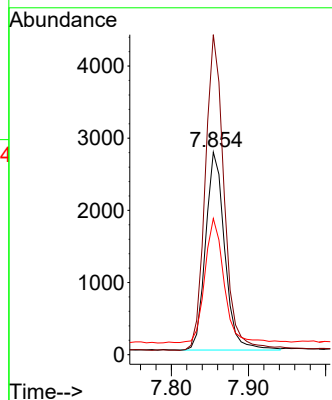
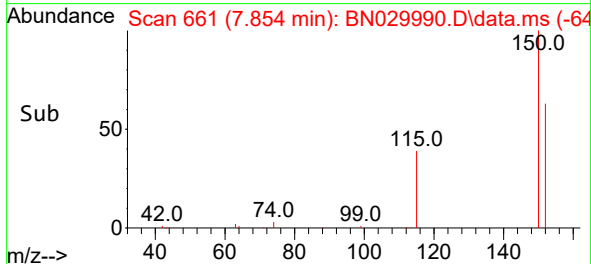


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN029990.D
 Acq: 24 Feb 2024 12:30

Instrument :
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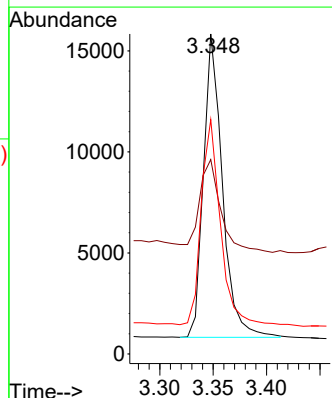
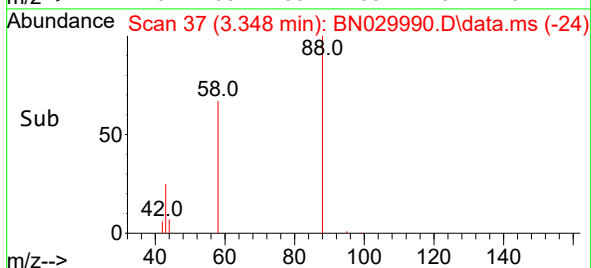
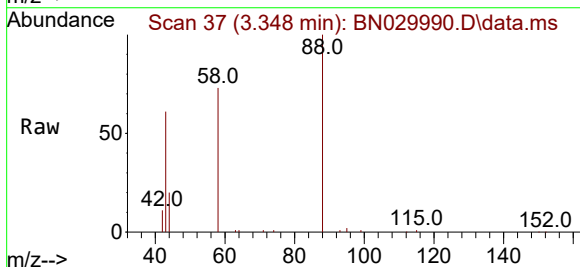


Tgt Ion:152 Resp: 4716
 Ion Ratio Lower Upper
 152 100
 150 158.0 123.0 184.4
 115 67.2 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.793 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN029990.D
 Acq: 24 Feb 2024 12:30

Tgt Ion: 88 Resp: 18546
 Ion Ratio Lower Upper
 88 100
 43 34.7 23.3 34.9
 58 68.0 53.8 80.6

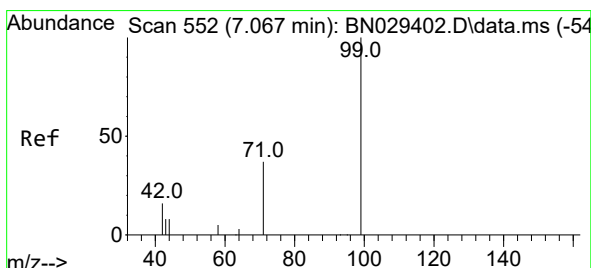
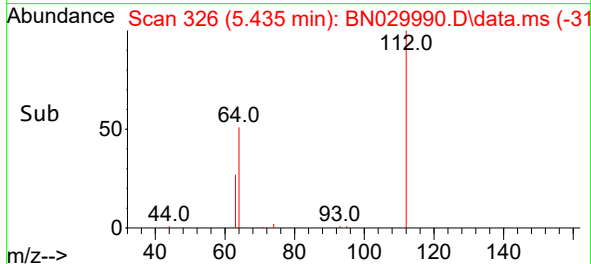
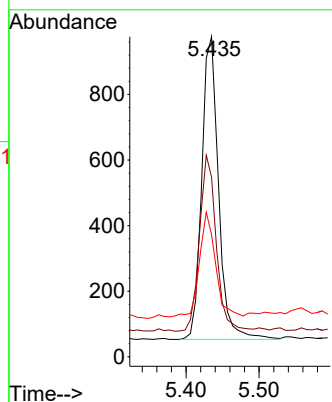
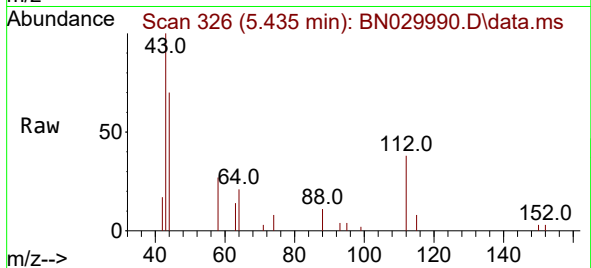




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.435 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

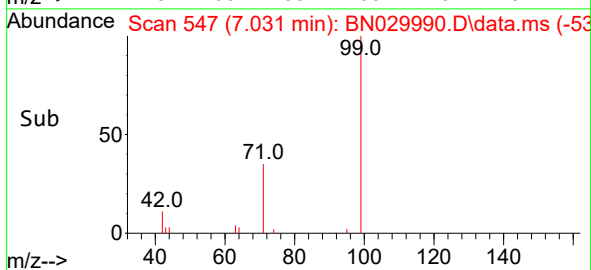
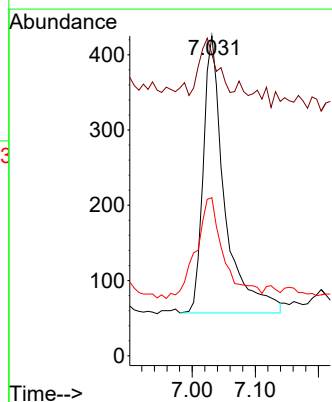
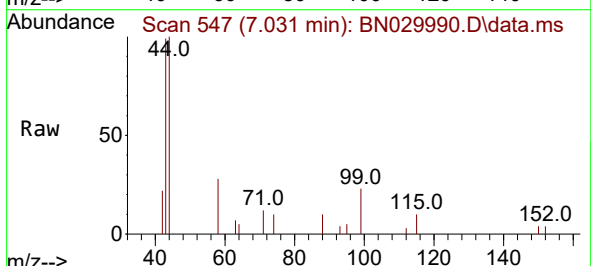
Instrument :
BNA_N
ClientSampleId :
DUP04-20240215

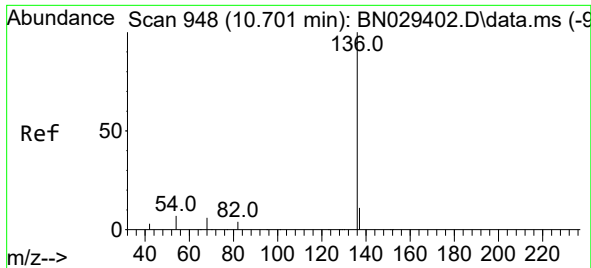
Tgt Ion:112 Resp: 1473
Ion Ratio Lower Upper
112 100
64 57.9 47.2 70.8
63 32.9 25.8 38.6



#5
Phenol-d6
Concen: 0.067 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 99 Resp: 871
Ion Ratio Lower Upper
99 100
42 16.4 16.9 25.3#
71 47.1 30.0 45.0#

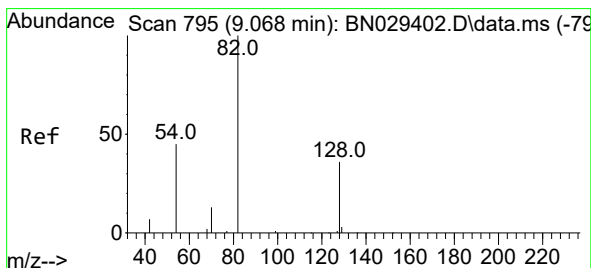
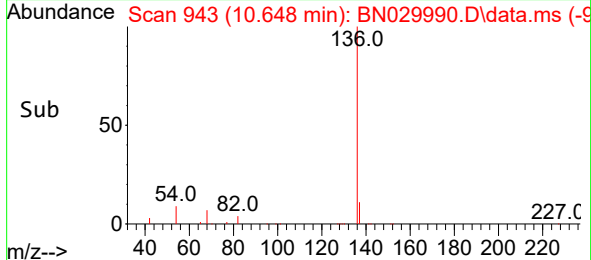
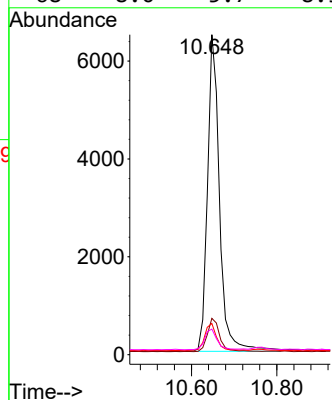
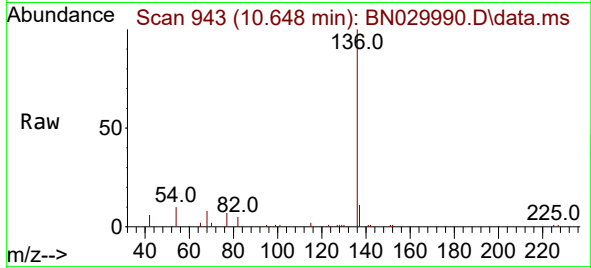




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

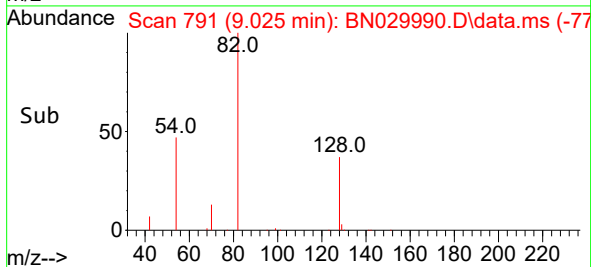
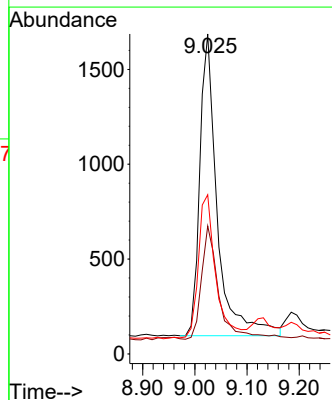
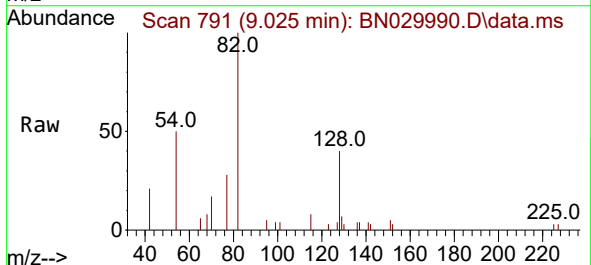
Instrument :
BNA_N
ClientSampleId :
DUP04-20240215

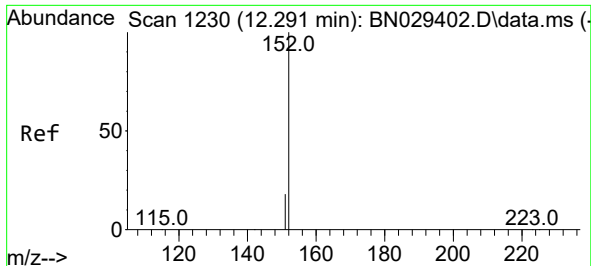
Tgt Ion:136	Resp:	12653
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.7 14.5
54	9.7	6.6 10.0
68	8.0	5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion: 82	Resp:	3701
Ion Ratio	Lower	Upper
82	100	
128	40.0	31.6 47.4
54	49.7	38.2 57.4

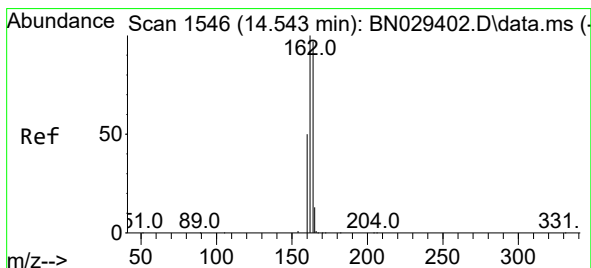
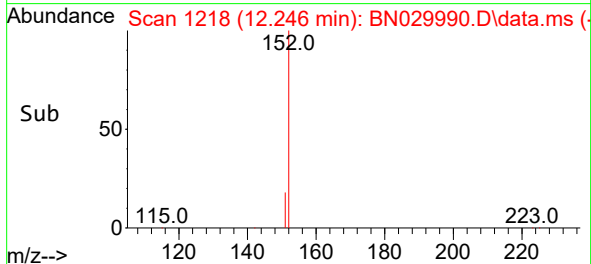
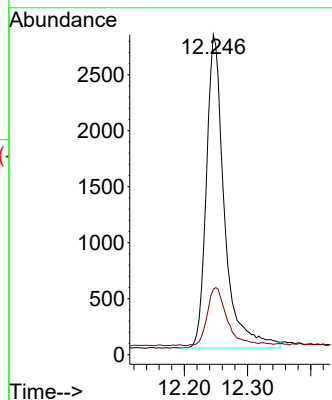
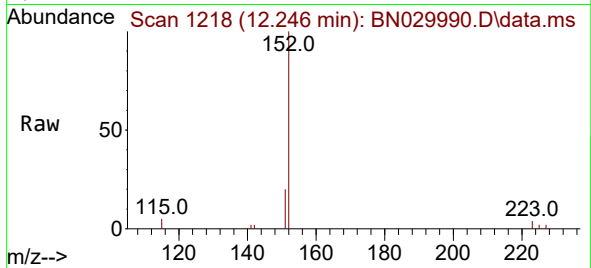




#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 12.246 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

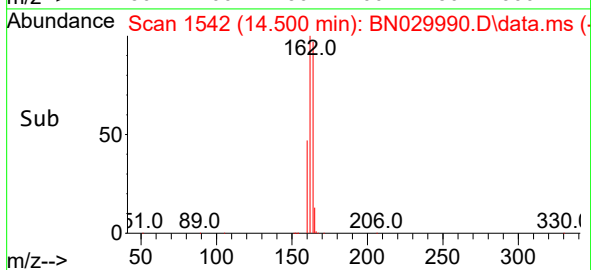
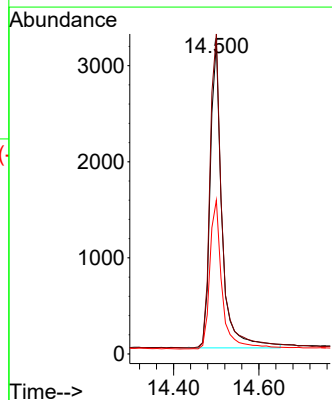
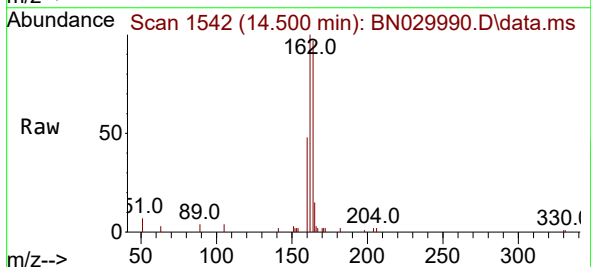
Instrument :
BNA_N
ClientSampleId :
DUP04-20240215

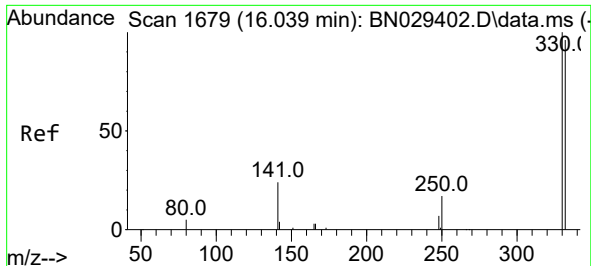
Tgt Ion:152 Resp: 5531
Ion Ratio Lower Upper
152 100
151 20.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion:164 Resp: 6087
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 49.4 41.5 62.3

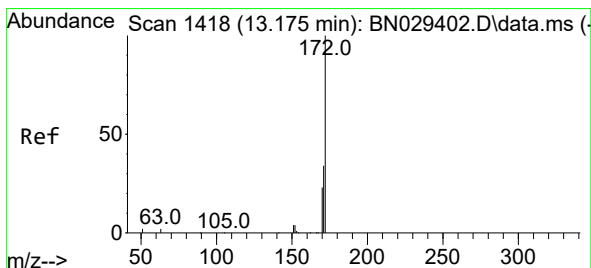
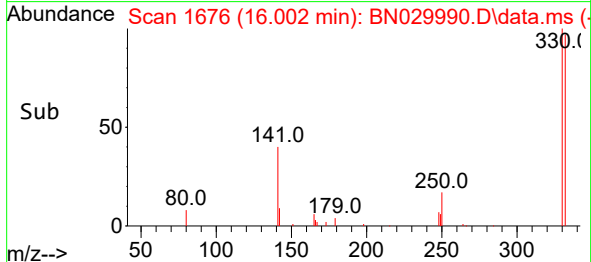
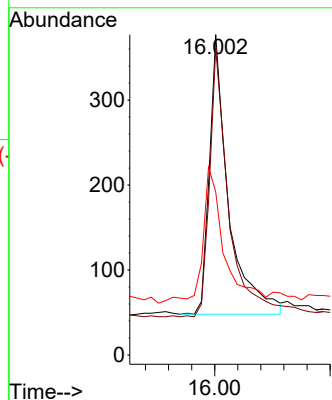
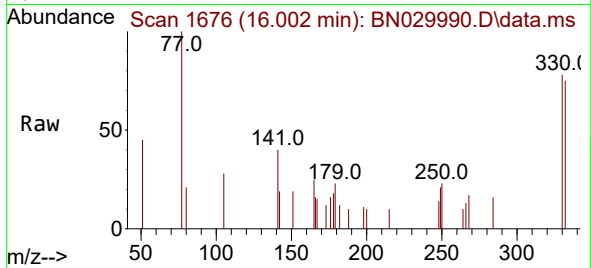




#14
2,4,6-Tribromophenol
Concen: 0.389 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

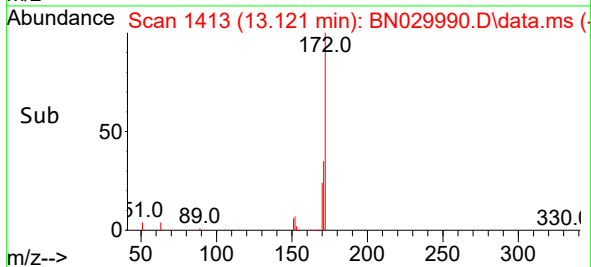
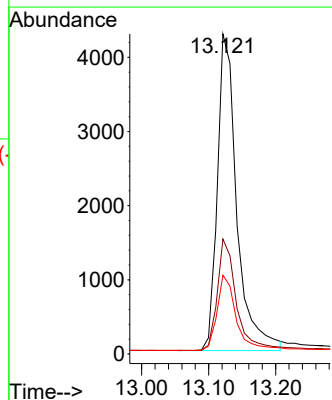
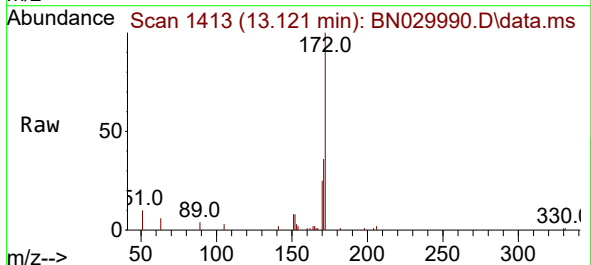
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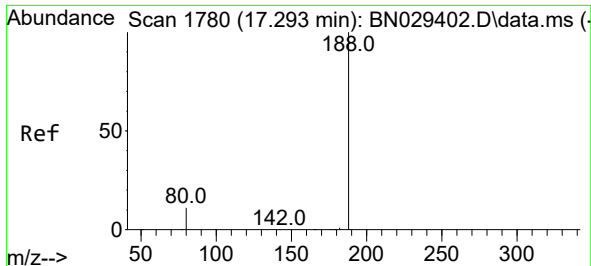
Tgt Ion:330 Resp: 760
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 46.1 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.332 ng
RT: 13.121 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion:172 Resp: 8672
Ion Ratio Lower Upper
172 100
171 35.9 28.0 42.0
170 24.6 18.7 28.1

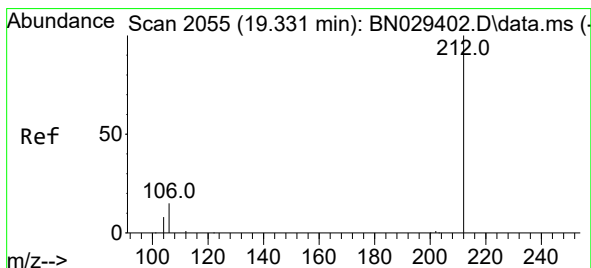
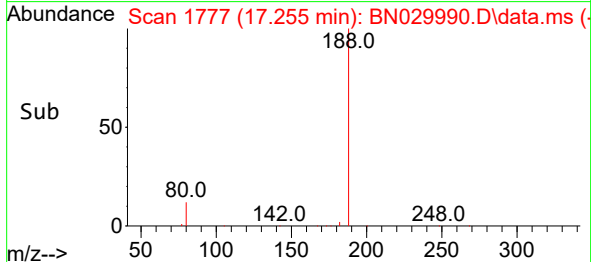
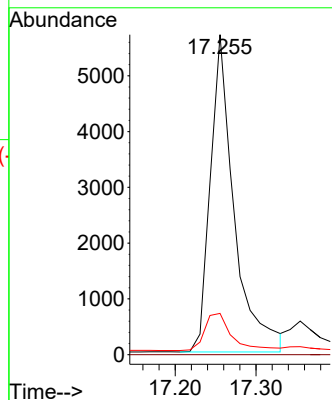
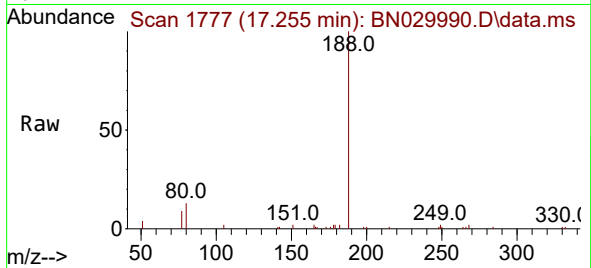




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

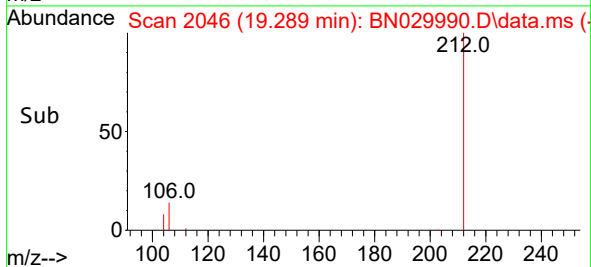
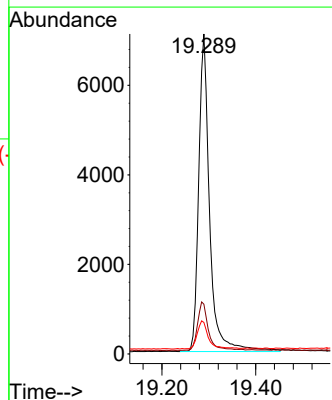
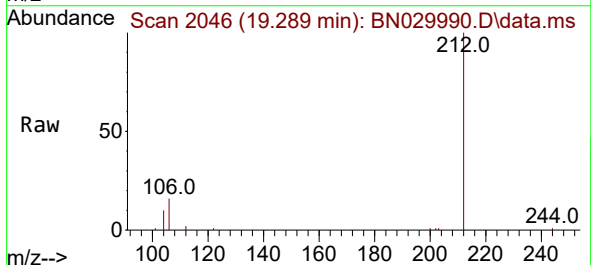
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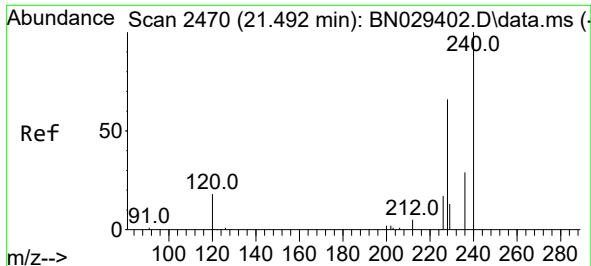
Tgt Ion:188 Resp: 11669
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.9 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.289 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion:212 Resp: 11400
Ion Ratio Lower Upper
212 100
106 15.4 13.2 19.8
104 8.9 7.7 11.5

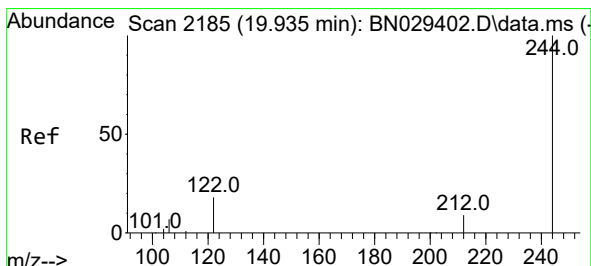
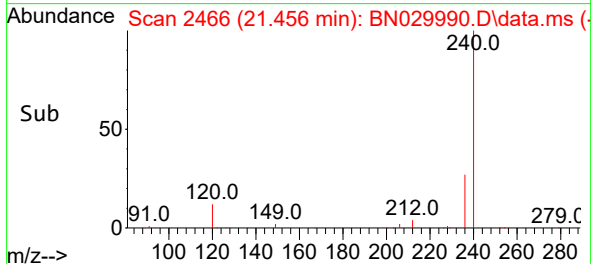
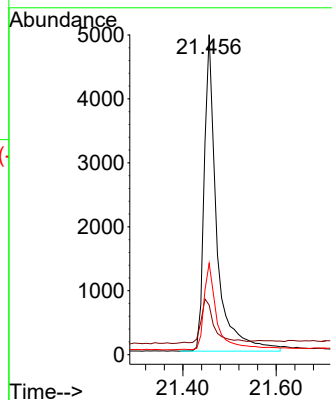
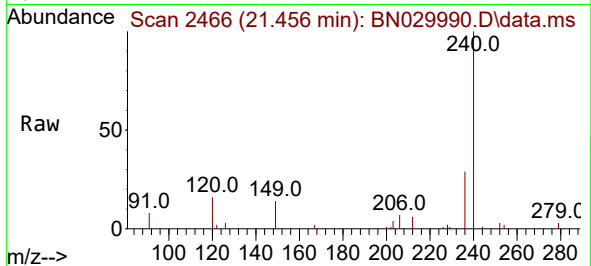




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

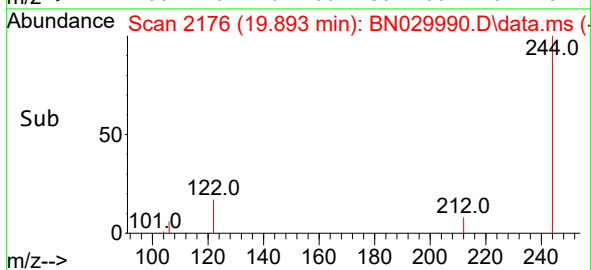
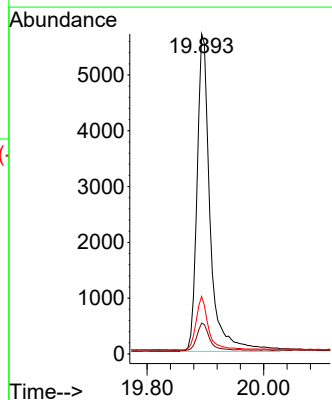
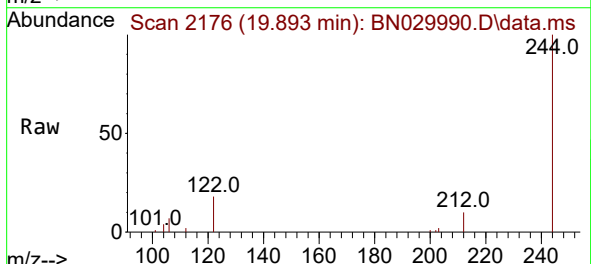
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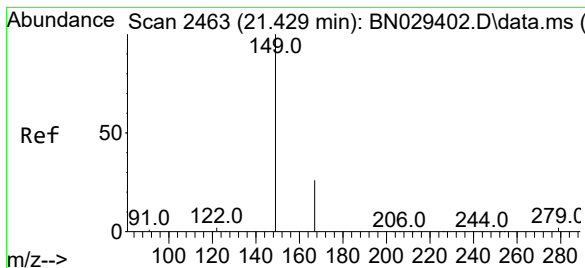
Tgt Ion:240 Resp: 9285
Ion Ratio Lower Upper
240 100
120 15.5 16.7 25.1#
236 28.5 23.9 35.9



#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BN029990.D
Acq: 24 Feb 2024 12:30

Tgt Ion:244 Resp: 8863
Ion Ratio Lower Upper
244 100
212 9.6 8.2 12.4
122 17.9 15.6 23.4

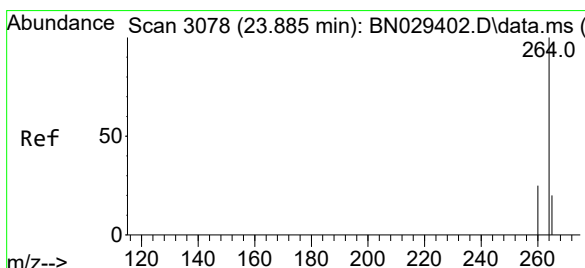
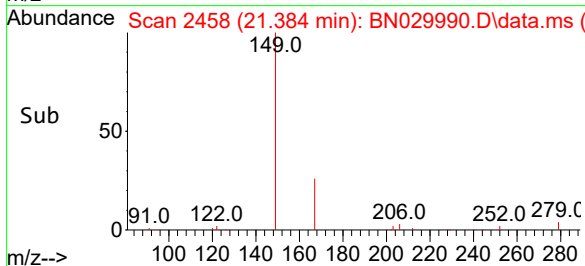
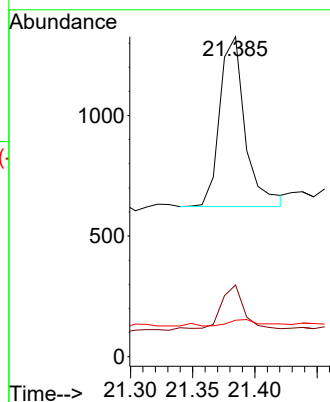
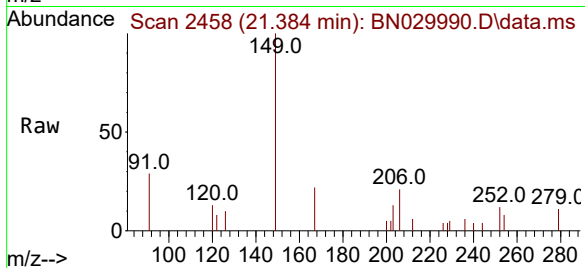




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.047 ng
 RT: 21.384 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN029990.D
 Acq: 24 Feb 2024 12:30

Instrument :
 BNA_N
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 DUP04-20240215

Tgt Ion:149 Resp: 1007
 Ion Ratio Lower Upper
 149 100
 167 25.2 20.1 30.1
 279 5.0 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.821 min Scan# 3056
 Delta R.T. 0.000 min
 Lab File: BN029990.D
 Acq: 24 Feb 2024 12:30

Tgt Ion:264 Resp: 8848
 Ion Ratio Lower Upper
 264 100
 260 26.9 21.2 31.8
 265 66.6 41.5 62.3#

