

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030084.D
 Acq On : 27 Feb 2024 08:03
 Operator : MA/JU
 Sample : P1578-15
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20240221

Quant Time: Feb 27 08:32:43 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)

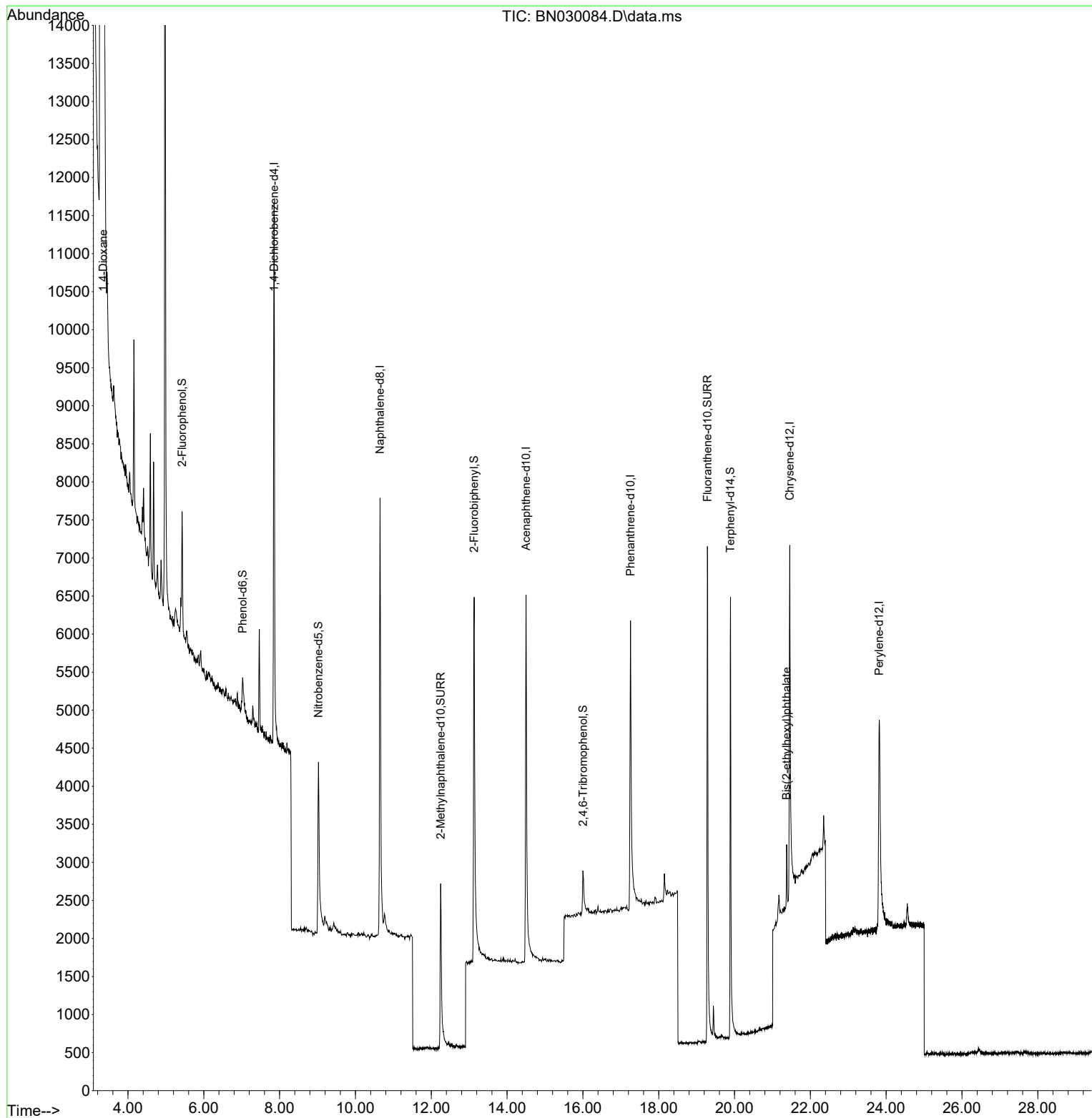
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3801	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9487	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4179	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	8499	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6972	0.400	ng	0.00
35) Perylene-d12	23.818	264	6625	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1299	0.142	ng	0.00
5) Phenol-d6	7.024	99	724	0.069	ng	0.00
8) Nitrobenzene-d5	9.025	82	3170	0.401	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4775	0.370	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	509	0.380	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	6607	0.368	ng	0.01
27) Fluoranthene-d10	19.285	212	9551	0.464	ng	0.00
31) Terphenyl-d14	19.893	244	7087	0.410	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.348	88	22027	4.116	ng	94
34) Bis(2-ethylhexyl)phtha...	21.376	149	924	0.057	ng	93

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

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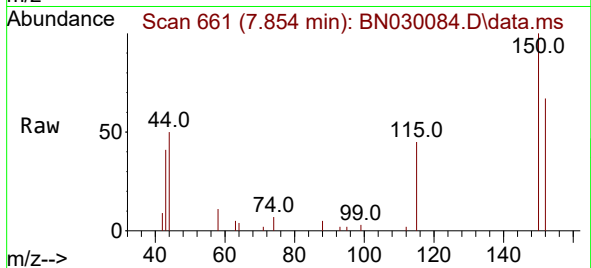
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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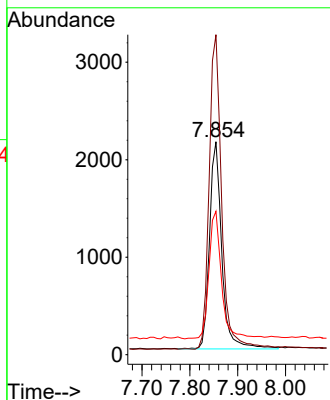
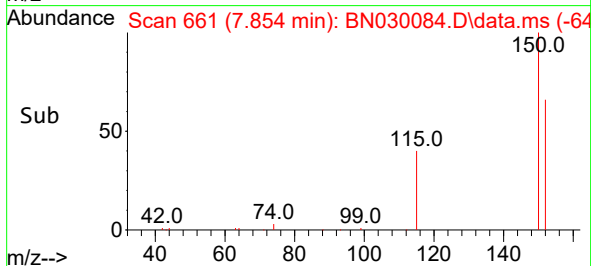


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 60
Delta R.T. 0.000 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

Instrument :
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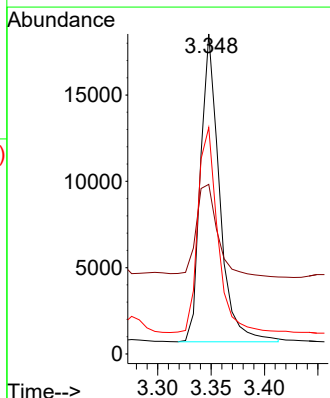
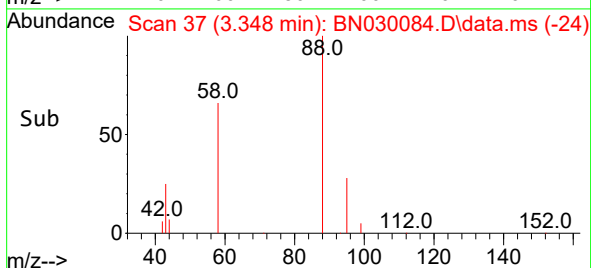
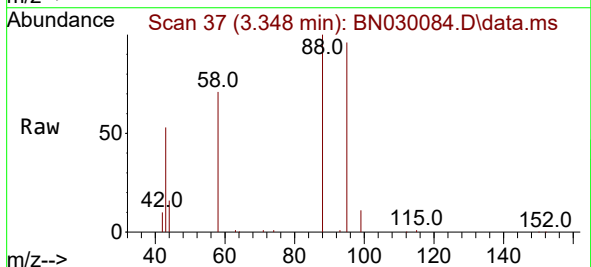


Tgt Ion:152 Resp: 3801
Ion Ratio Lower Upper
152 100
150 150.3 123.0 184.4
115 67.3 51.4 77.0



#2
1,4-Dioxane
Concen: 4.116 ng
RT: 3.348 min Scan# 37
Delta R.T. -0.007 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

Tgt Ion: 88 Resp: 22027
Ion Ratio Lower Upper
88 100
43 34.8 23.3 34.9
58 69.9 53.8 80.6

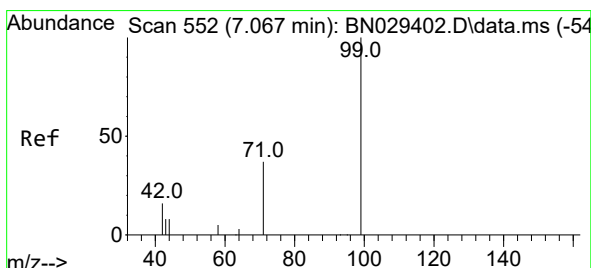
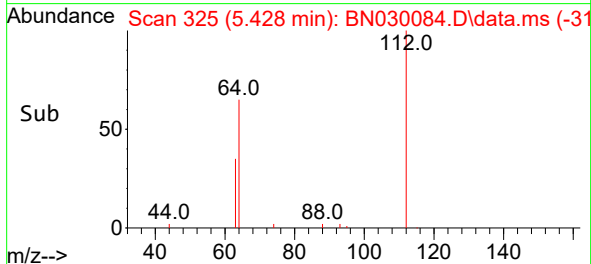
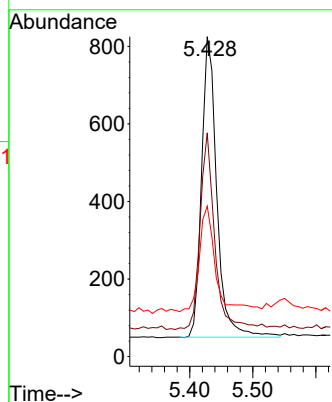
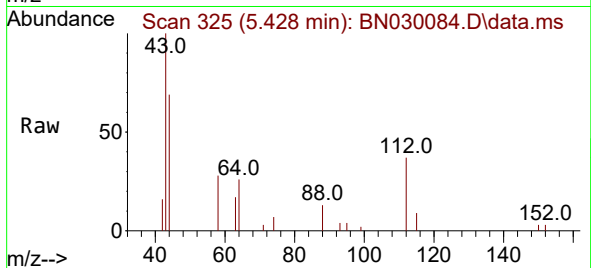




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.428 min Scan# 311
Delta R.T. 0.000 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

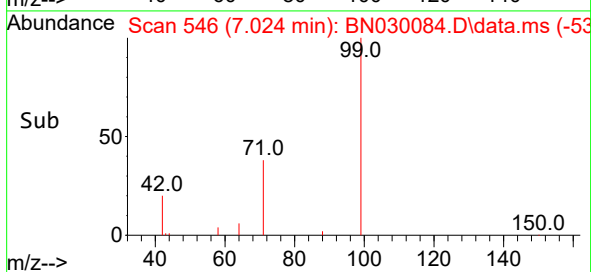
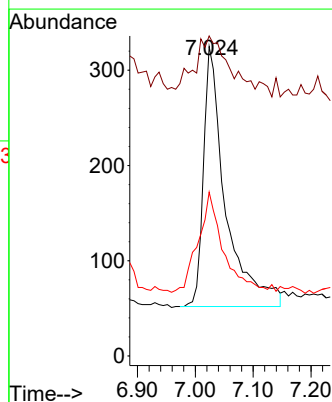
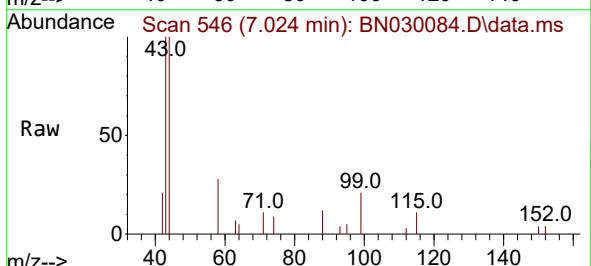
Instrument :
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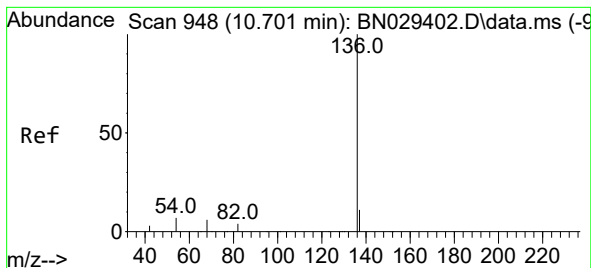
Tgt Ion:112 Resp: 1299
Ion Ratio Lower Upper
112 100
64 63.7 47.2 70.8
63 37.7 25.8 38.6



#5
Phenol-d6
Concen: 0.069 ng
RT: 7.024 min Scan# 546
Delta R.T. 0.000 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

Tgt Ion: 99 Resp: 724
Ion Ratio Lower Upper
99 100
42 31.9 16.9 25.3#
71 43.5 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: BN030084.D

Acq: 27 Feb 2024 08:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20240221

Tgt Ion:136 Resp: 9487

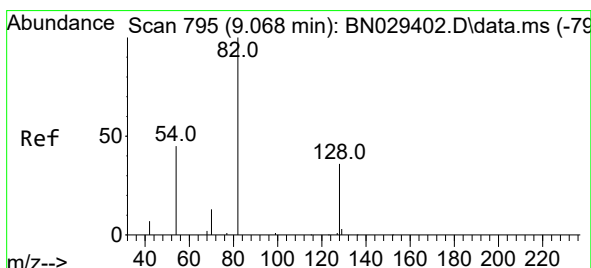
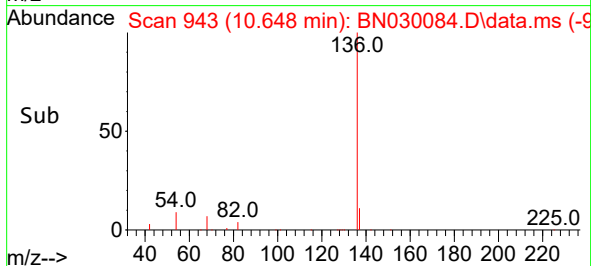
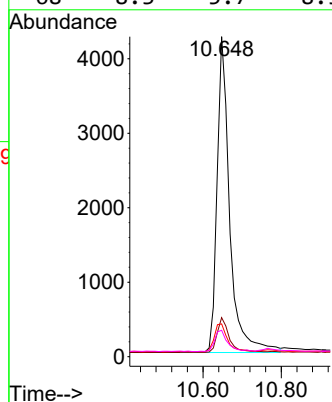
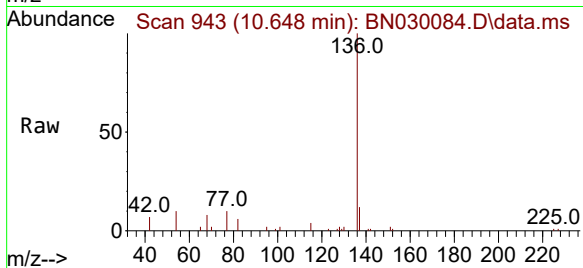
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 10.3 6.6 10.0#

68 8.3 5.7 8.5



#8

Nitrobenzene-d5

Concen: 0.401 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030084.D

Acq: 27 Feb 2024 08:03

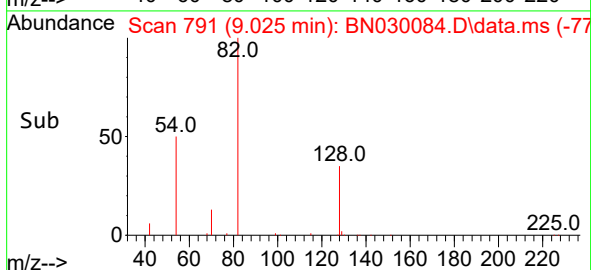
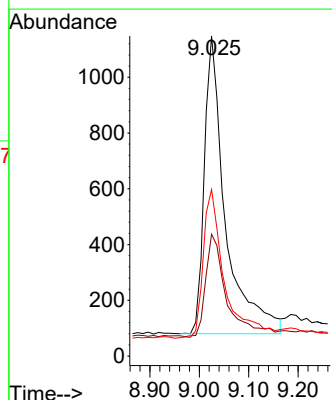
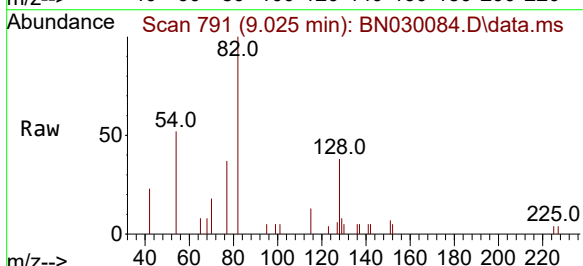
Tgt Ion: 82 Resp: 3170

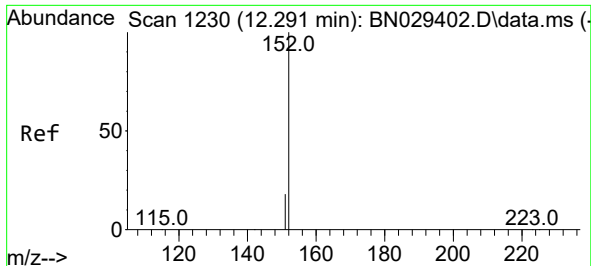
Ion Ratio Lower Upper

82 100

128 38.1 31.6 47.4

54 52.0 38.2 57.4

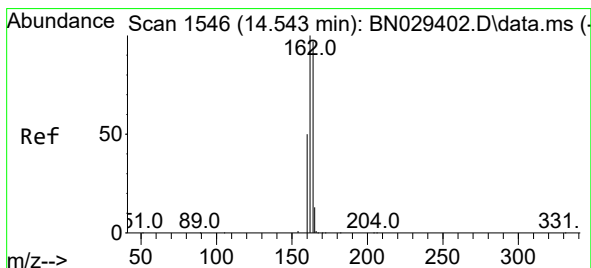
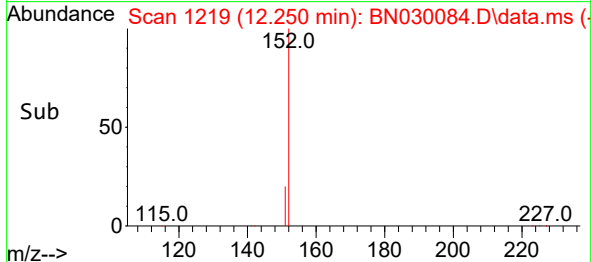
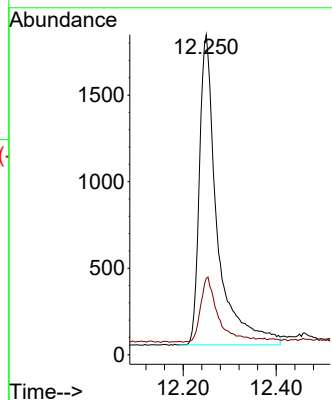
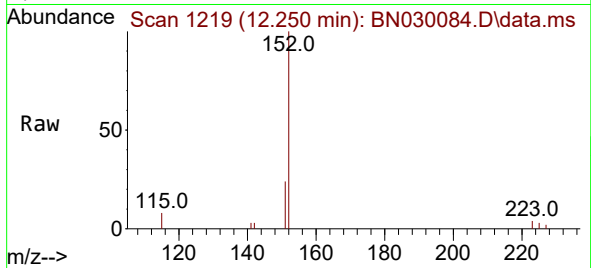




#11
 2-Methylnaphthalene-d10
 Concen: 0.370 ng
 RT: 12.250 min Scan# 11
 Delta R.T. 0.004 min
 Lab File: BN030084.D
 Acq: 27 Feb 2024 08:03

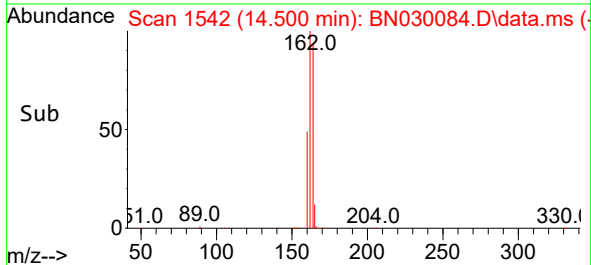
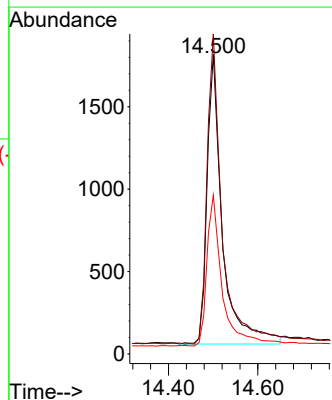
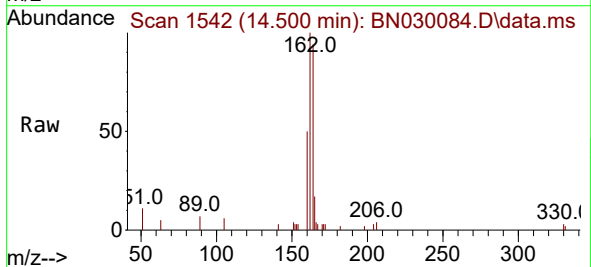
Instrument :
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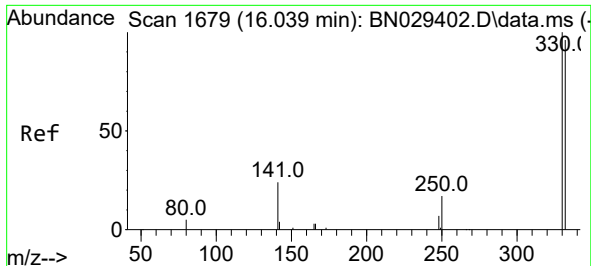
Tgt Ion:152 Resp: 4775
 Ion Ratio Lower Upper
 152 100
 151 20.5 17.1 25.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.500 min Scan# 1542
 Delta R.T. 0.011 min
 Lab File: BN030084.D
 Acq: 27 Feb 2024 08:03

Tgt Ion:164 Resp: 4179
 Ion Ratio Lower Upper
 164 100
 162 106.8 82.6 123.8
 160 52.9 41.5 62.3

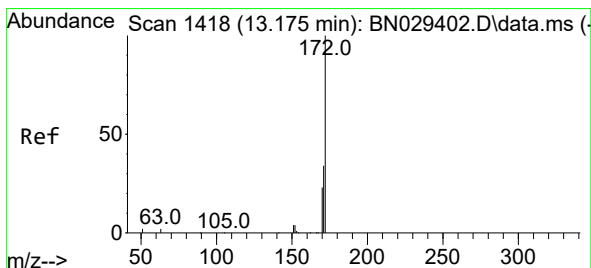
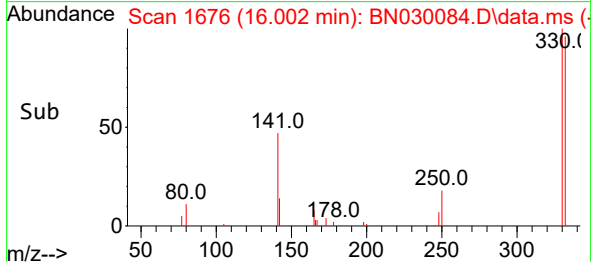
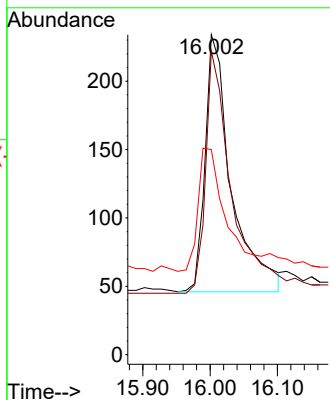
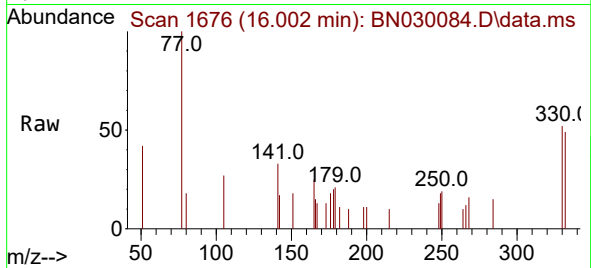




#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 16.002 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

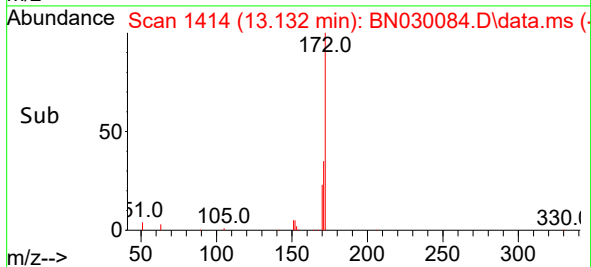
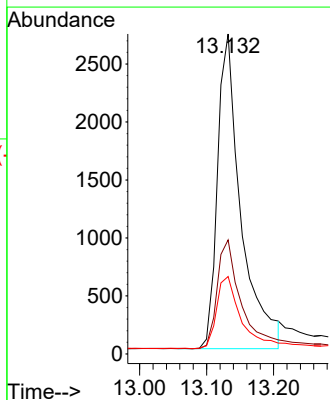
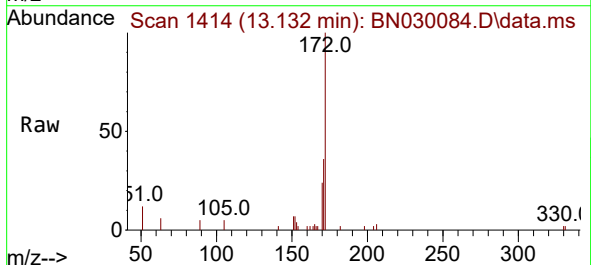
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ClientSampleId :
RE122D2-20240221

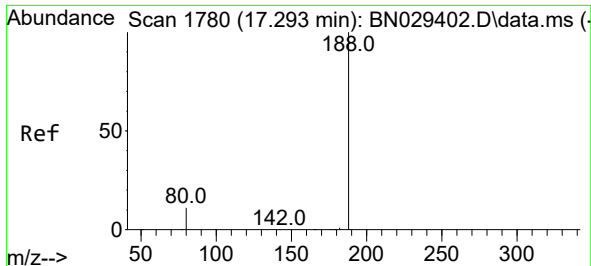
Tgt Ion:330 Resp: 509
Ion Ratio Lower Upper
330 100
332 94.3 76.0 114.0
141 55.4 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

Tgt Ion:172 Resp: 6607
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 24.2 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: BN030084.D

Acq: 27 Feb 2024 08:03

Instrument :

BNA_N

ClientSampleId :

RE122D2-20240221

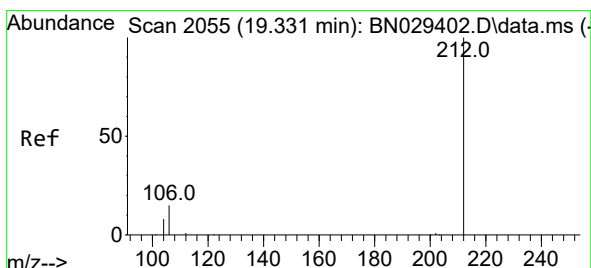
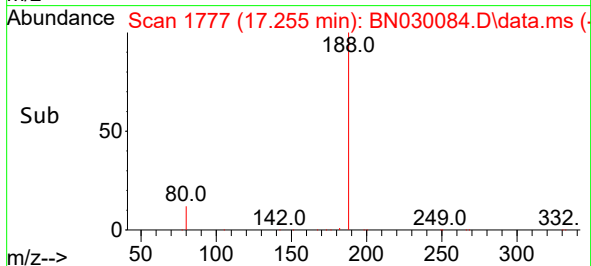
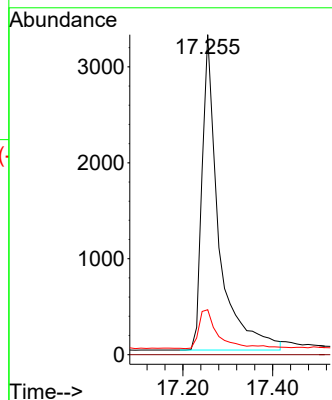
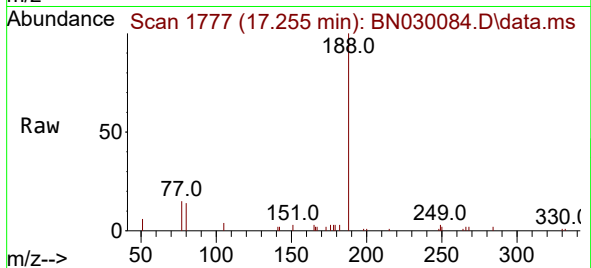
Tgt Ion:188 Resp: 8499

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.0 10.0 15.0



#27

Fluoranthene-d10

Concen: 0.464 ng

RT: 19.285 min Scan# 2045

Delta R.T. -0.005 min

Lab File: BN030084.D

Acq: 27 Feb 2024 08:03

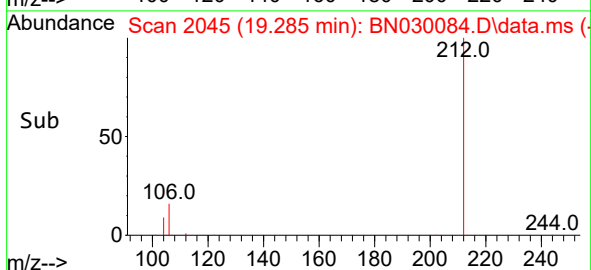
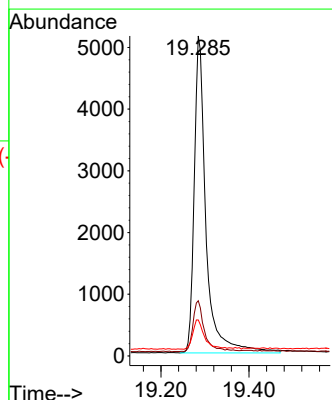
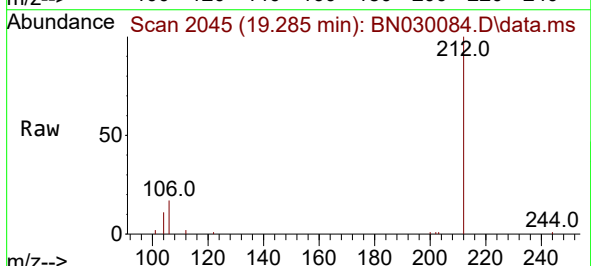
Tgt Ion:212 Resp: 9551

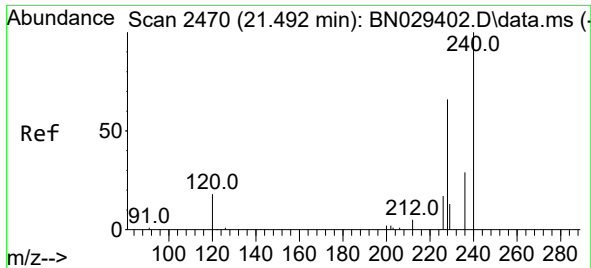
Ion Ratio Lower Upper

212 100

106 15.6 13.2 19.8

104 9.1 7.7 11.5

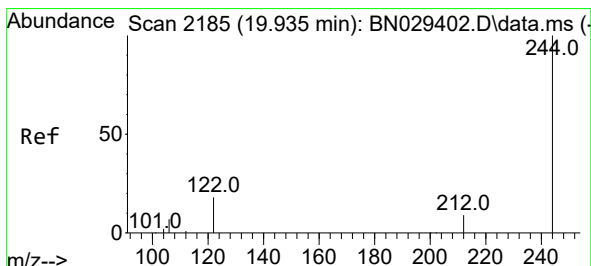
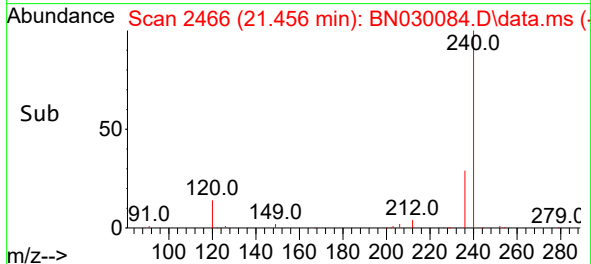
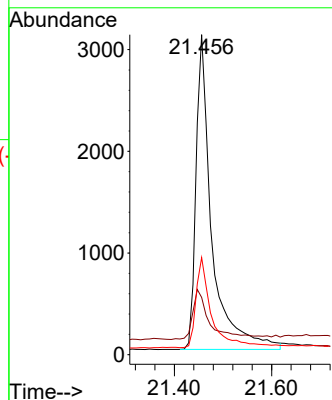
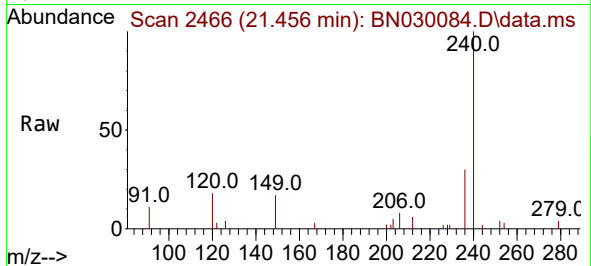




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.456 min Scan# 2466
Delta R.T. 0.000 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

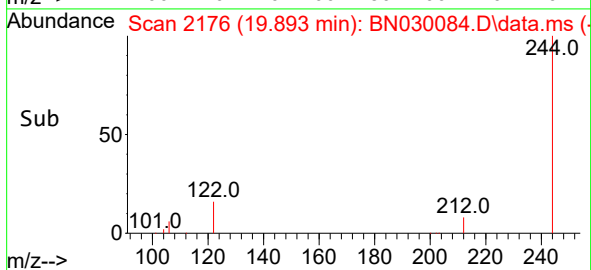
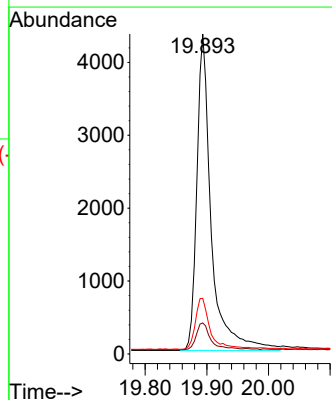
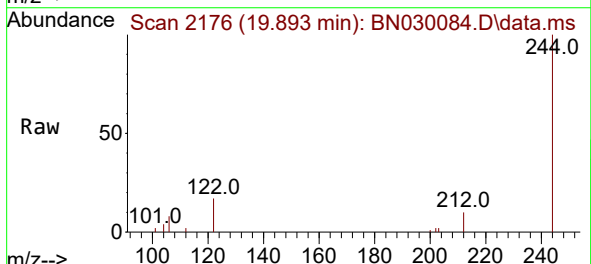
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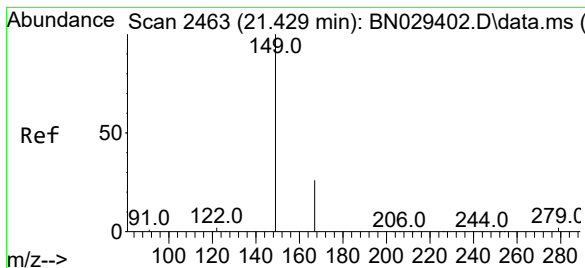
Tgt Ion:240 Resp: 6972
Ion Ratio Lower Upper
240 100
120 17.9 16.7 25.1
236 30.4 23.9 35.9



#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.893 min Scan# 2176
Delta R.T. -0.005 min
Lab File: BN030084.D
Acq: 27 Feb 2024 08:03

Tgt Ion:244 Resp: 7087
Ion Ratio Lower Upper
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212 9.7 8.2 12.4
122 17.4 15.6 23.4

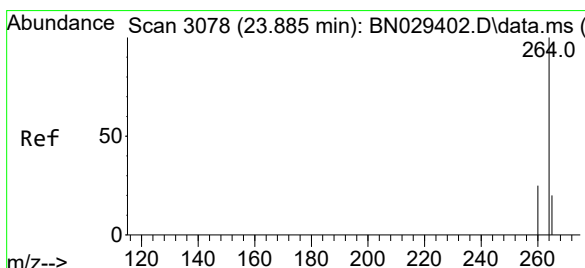
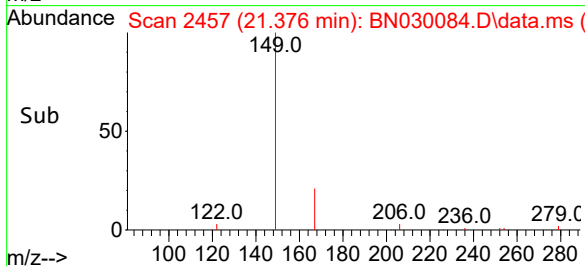
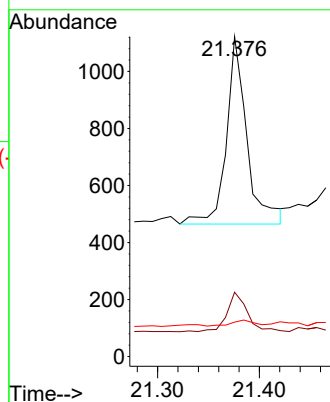
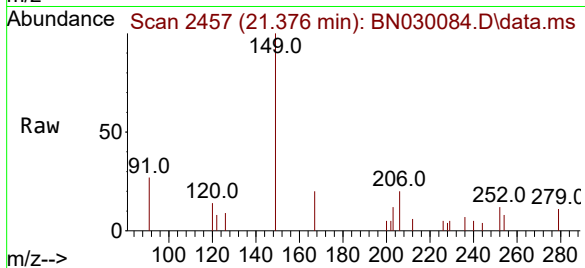




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.057 ng
 RT: 21.376 min Scan# 2463
 Delta R.T. -0.009 min
 Lab File: BN030084.D
 Acq: 27 Feb 2024 08:03

Instrument :
 BNA_N
 ClientSampleId :
 RE122D2-20240221

Tgt Ion:149 Resp: 924
 Ion Ratio Lower Upper
 149 100
 167 21.0 20.1 30.1
 279 3.4 2.5 3.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.818 min Scan# 3055
 Delta R.T. -0.003 min
 Lab File: BN030084.D
 Acq: 27 Feb 2024 08:03

Tgt Ion:264 Resp: 6625
 Ion Ratio Lower Upper
 264 100
 260 28.3 21.2 31.8
 265 77.1 41.5 62.3#

