

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
 Data File : BN030065.D
 Acq On : 26 Feb 2024 19:25
 Operator : MA/JU
 Sample : P1578-16
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240221

Quant Time: Feb 26 23:48:49 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)

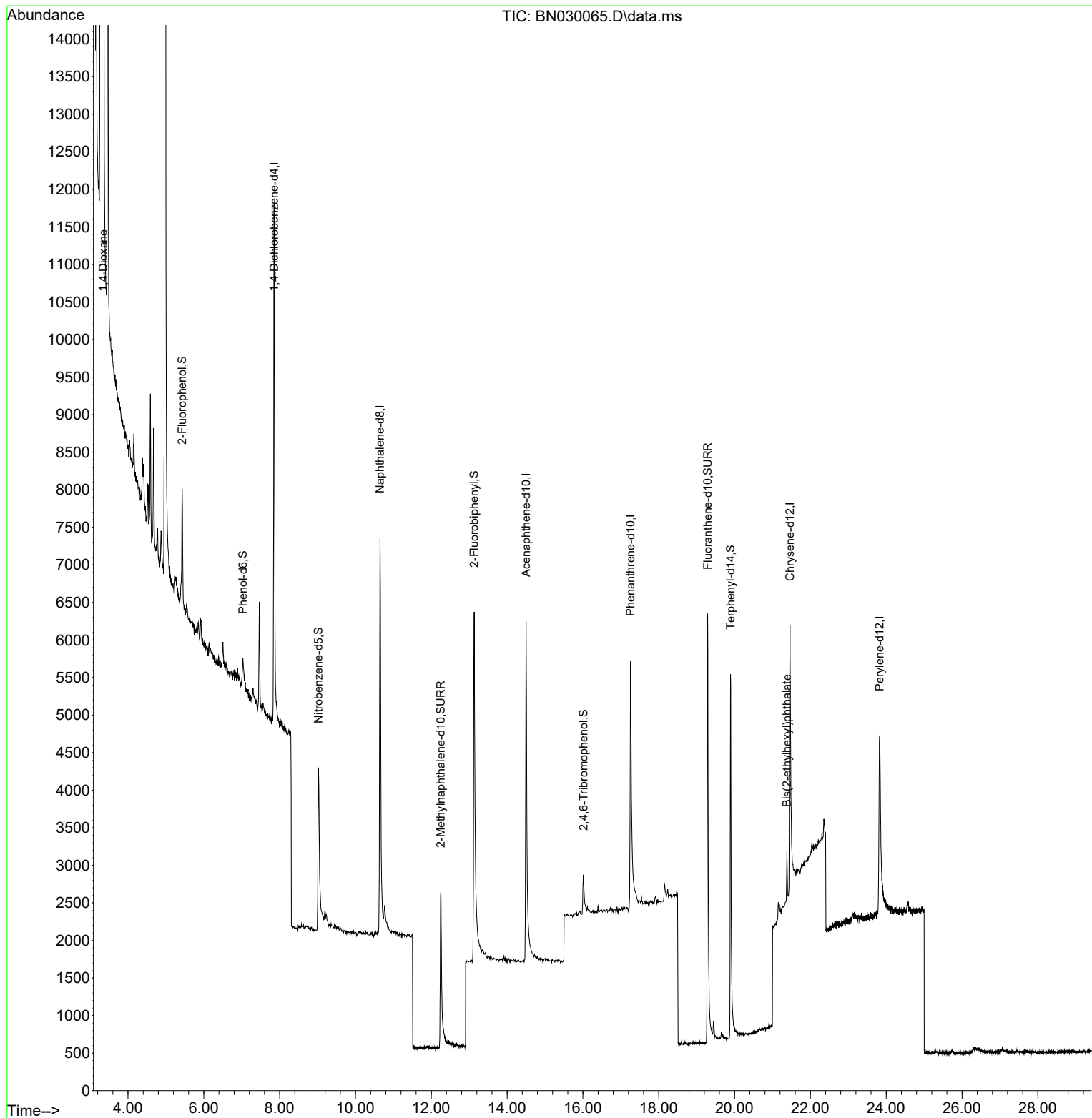
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3818	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9396	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4076	0.400	ng	0.01
19) Phenanthrene-d10	17.256	188	8049	0.400	ng	# 0.00
29) Chrysene-d12	21.461	240	6053	0.400	ng	0.00
35) Perylene-d12	23.828	264	5929	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1301	0.142	ng	0.00
5) Phenol-d6	7.031	99	642	0.061	ng	0.00
8) Nitrobenzene-d5	9.025	82	3243	0.415	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	4941	0.386	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	497	0.380	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	6737	0.385	ng	0.01
27) Fluoranthene-d10	19.290	212	9278	0.476	ng	0.00
31) Terphenyl-d14	19.894	244	6971	0.464	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	17092	3.180	ng	# 94
34) Bis(2-ethylhexyl)phtha...	21.380	149	771	0.055	ng	# 91

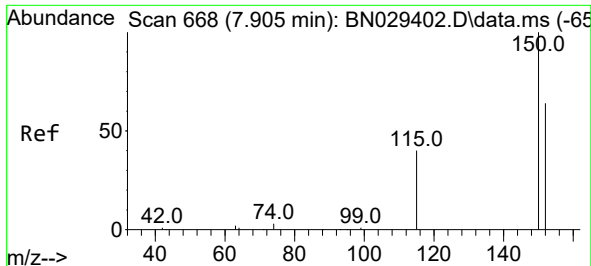
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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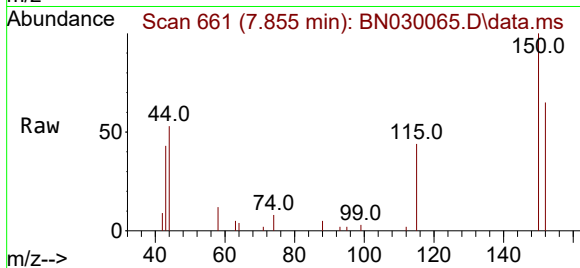
Quant Time: Feb 26 23:48:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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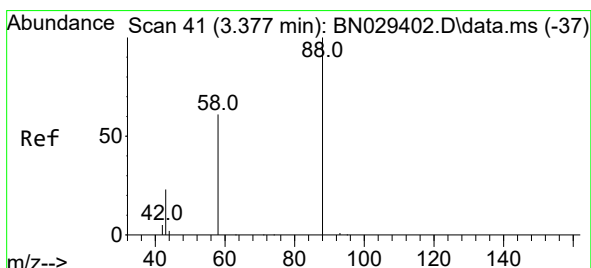
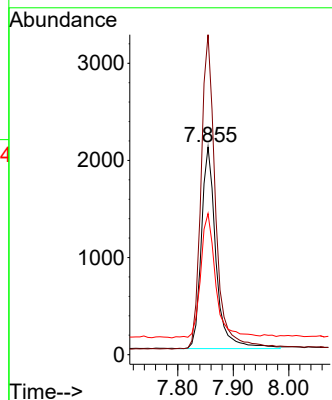
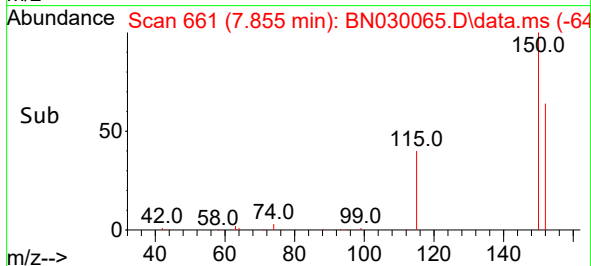


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.855 min Scan# 60
 Delta R.T. 0.001 min
 Lab File: BN030065.D
 Acq: 26 Feb 2024 19:25

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240221

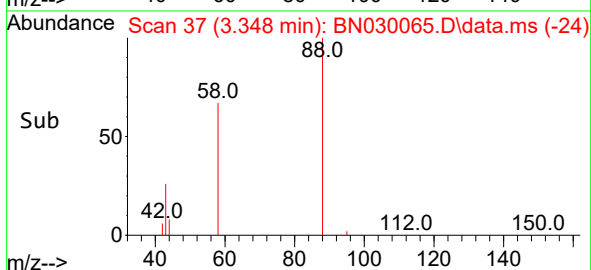
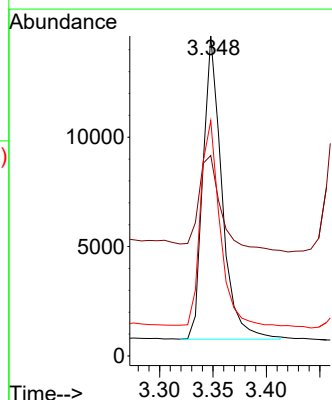
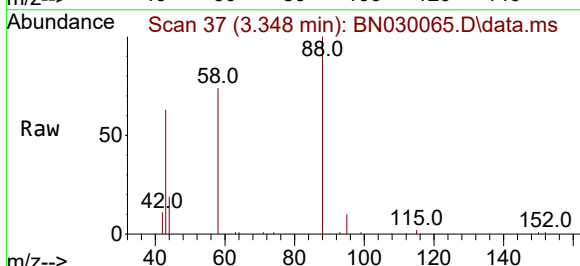


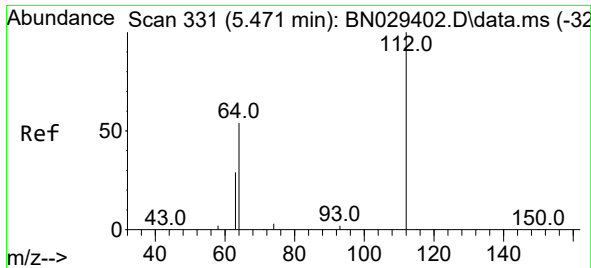
Tgt Ion:152 Resp: 3818
 Ion Ratio Lower Upper
 152 100
 150 154.1 123.0 184.4
 115 67.9 51.4 77.0



#2
 1,4-Dioxane
 Concen: 3.180 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030065.D
 Acq: 26 Feb 2024 19:25

Tgt Ion: 88 Resp: 17092
 Ion Ratio Lower Upper
 88 100
 43 36.2 23.3 34.9#
 58 69.2 53.8 80.6

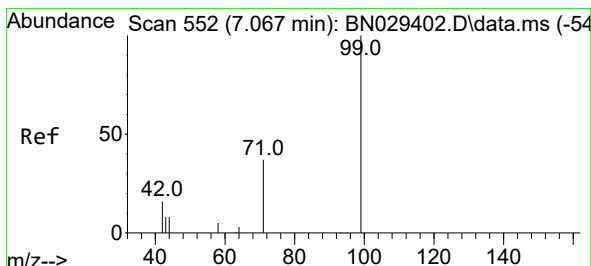
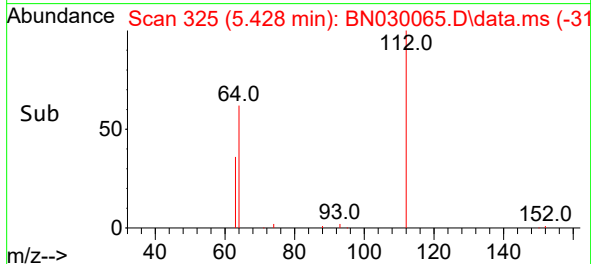
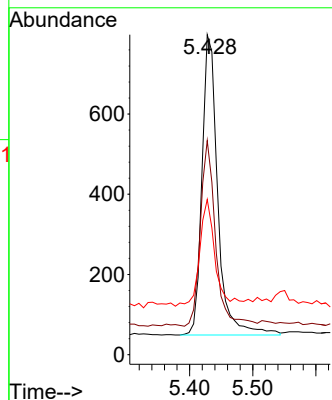
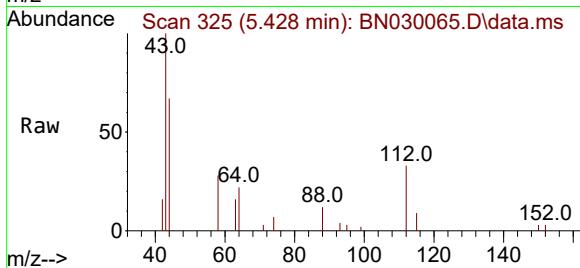




#4
2-Fluorophenol
Concen: 0.142 ng
RT: 5.428 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

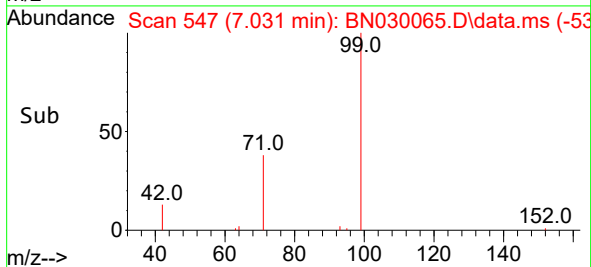
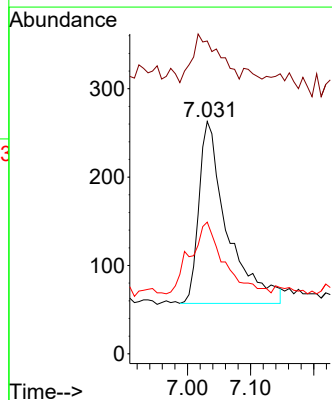
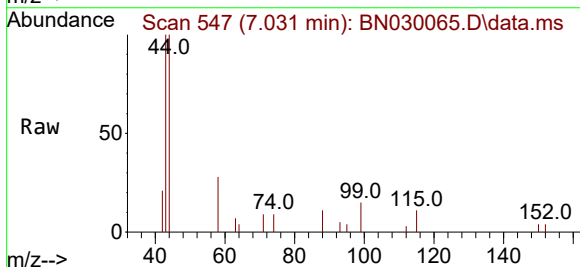
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240221

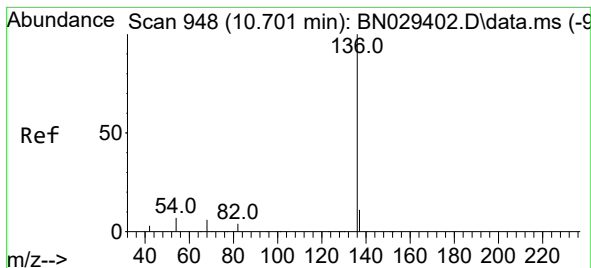
Tgt Ion:112 Resp: 1301
Ion Ratio Lower Upper
112 100
64 59.4 47.2 70.8
63 34.5 25.8 38.6



#5
Phenol-d6
Concen: 0.061 ng
RT: 7.031 min Scan# 547
Delta R.T. 0.007 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

Tgt Ion: 99 Resp: 642
Ion Ratio Lower Upper
99 100
42 25.2 16.9 25.3
71 46.3 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: BN030065.D

Acq: 26 Feb 2024 19:25

Instrument :

BNA_N

ClientSampleId :

RE122D1-20240221

Tgt Ion:136 Resp: 9396

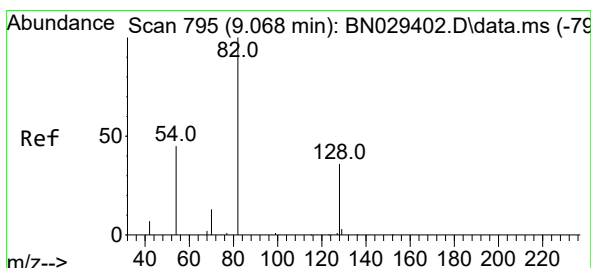
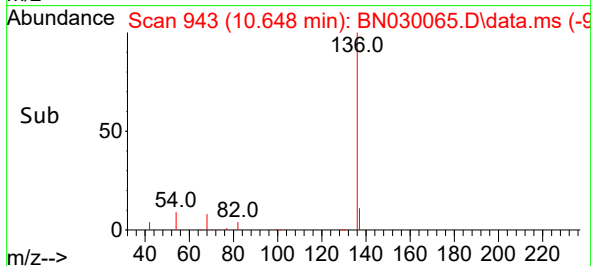
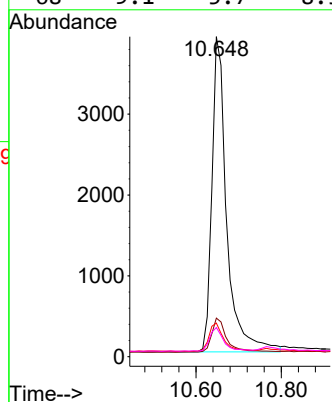
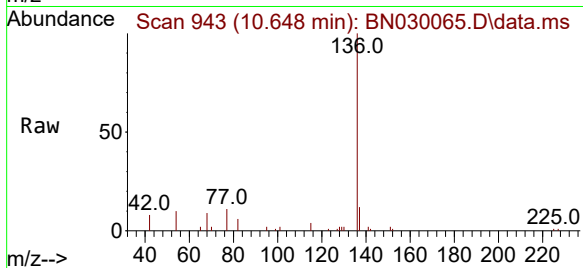
Ion Ratio Lower Upper

136 100

137 12.0 9.7 14.5

54 10.5 6.6 10.0#

68 9.1 5.7 8.5#



#8

Nitrobenzene-d5

Concen: 0.415 ng

RT: 9.025 min Scan# 791

Delta R.T. 0.011 min

Lab File: BN030065.D

Acq: 26 Feb 2024 19:25

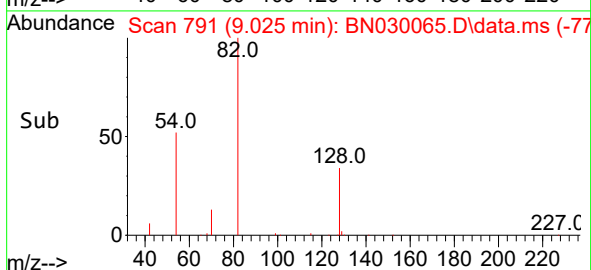
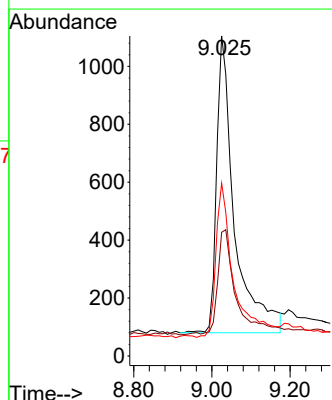
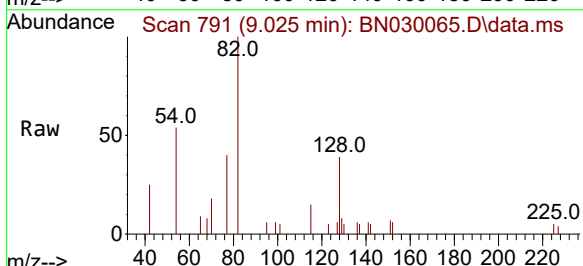
Tgt Ion: 82 Resp: 3243

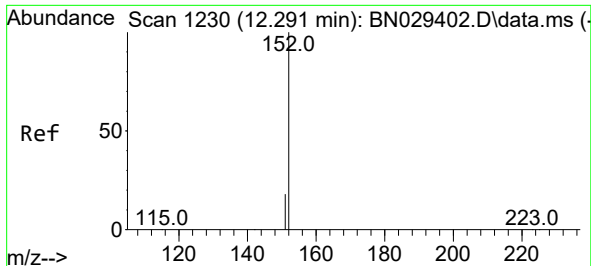
Ion Ratio Lower Upper

82 100

128 38.6 31.6 47.4

54 54.0 38.2 57.4





#11

2-Methylnaphthalene-d10

Concen: 0.386 ng

RT: 12.250 min Scan# 11

Delta R.T. 0.004 min

Lab File: BN030065.D

Acq: 26 Feb 2024 19:25

Instrument :

BNA_N

ClientSampleId :

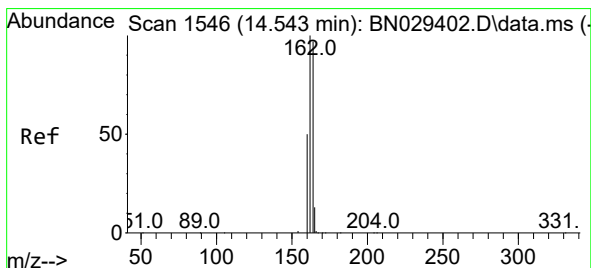
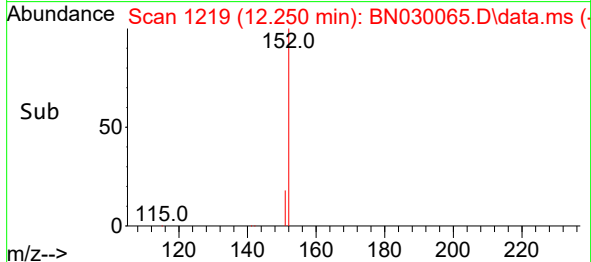
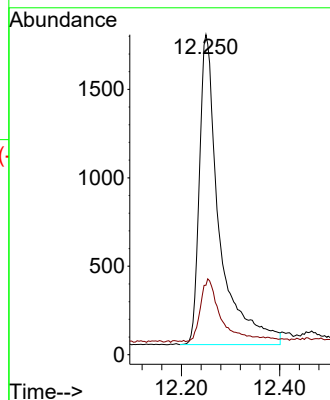
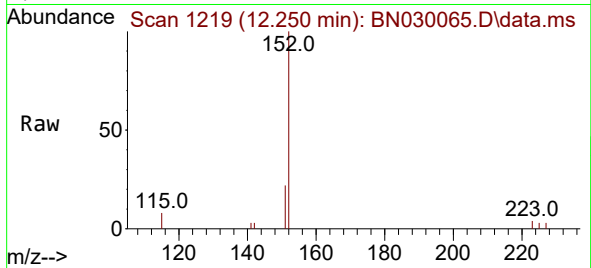
RE122D1-20240221

Tgt Ion:152 Resp: 4941

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: BN030065.D

Acq: 26 Feb 2024 19:25

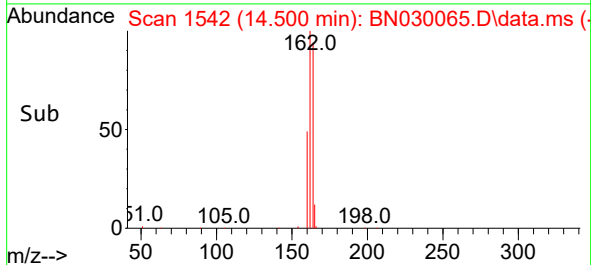
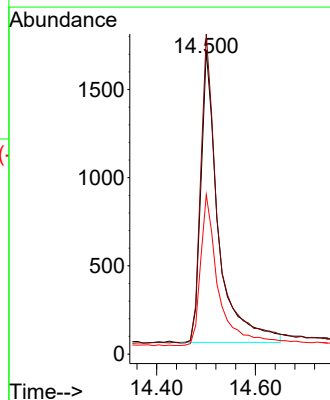
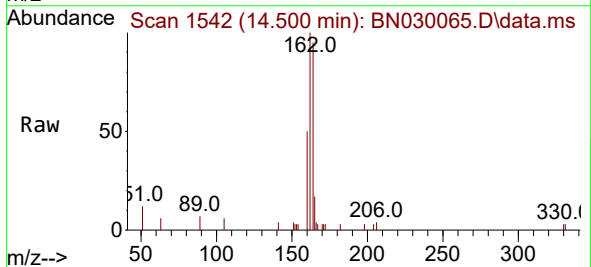
Tgt Ion:164 Resp: 4076

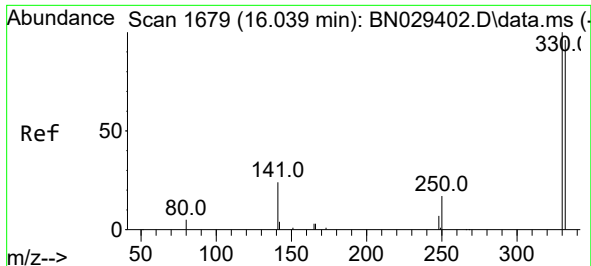
Ion Ratio Lower Upper

164 100

162 105.4 82.6 123.8

160 52.4 41.5 62.3

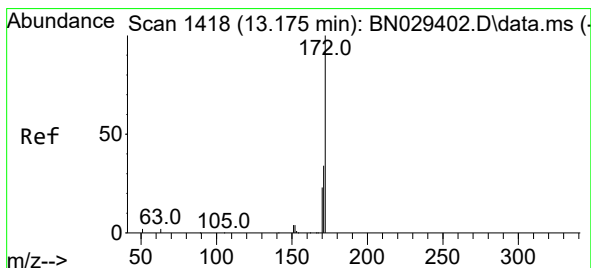
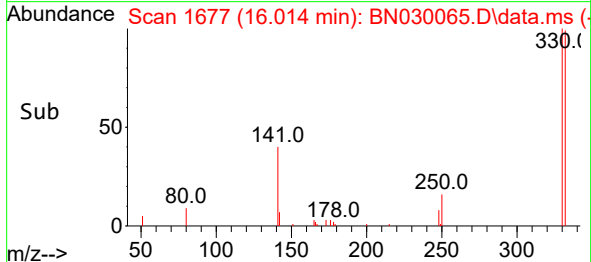
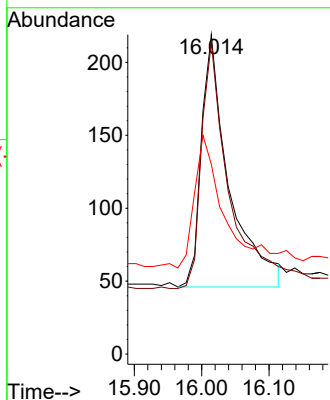
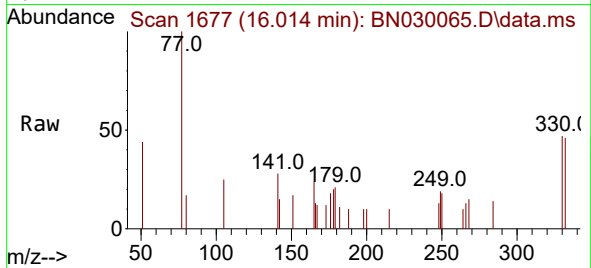




#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

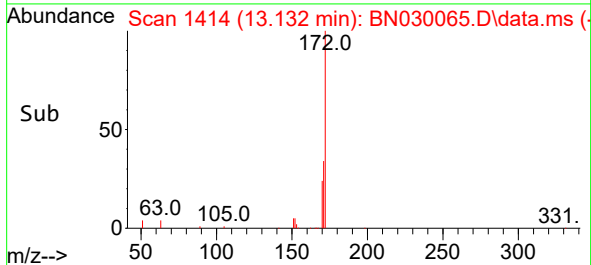
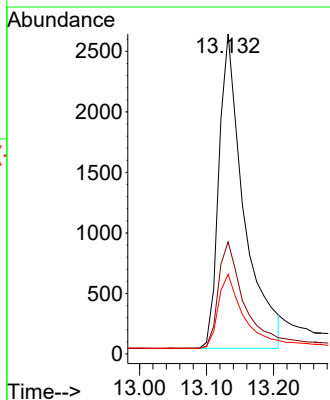
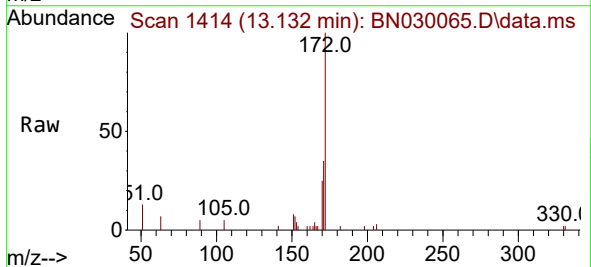
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240221

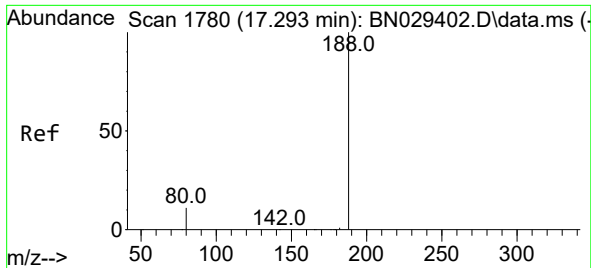
Tgt Ion:330 Resp: 497
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 51.9 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

Tgt Ion:172 Resp: 6737
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 24.9 18.7 28.1

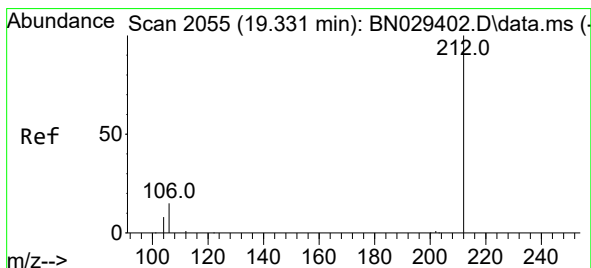
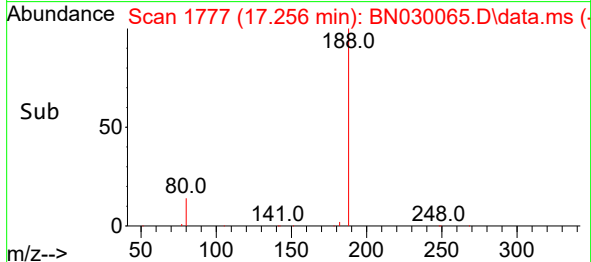
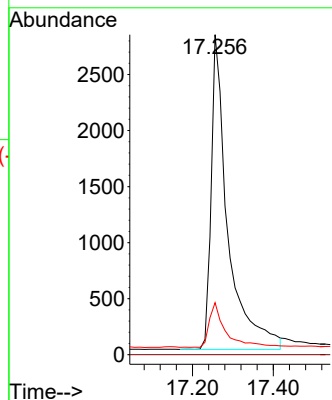
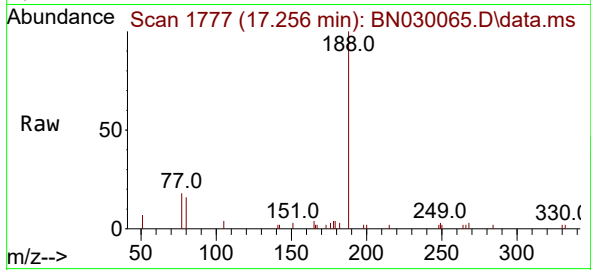




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

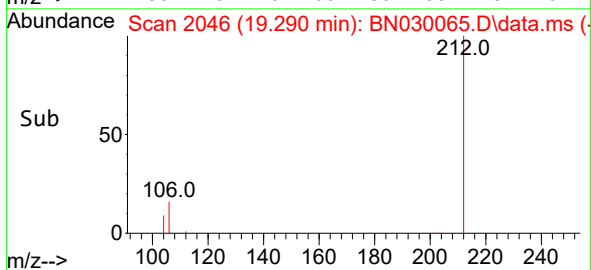
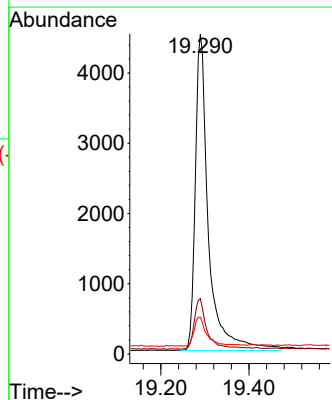
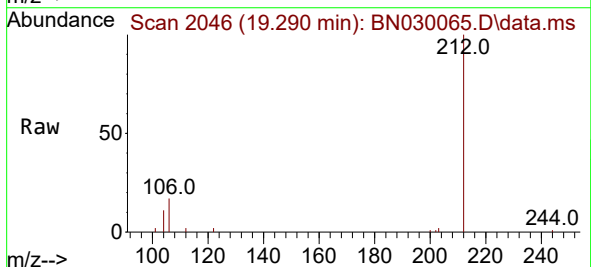
Instrument :
BNA_N
ClientSampleId :
RE122D1-20240221

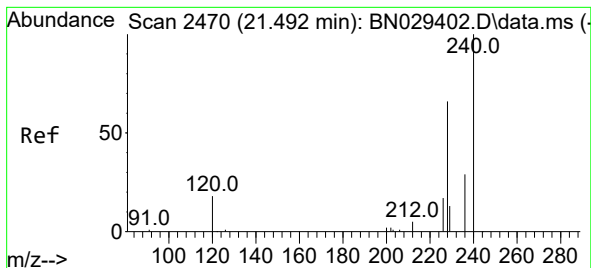
Tgt Ion:188 Resp: 8049
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.2 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030065.D
Acq: 26 Feb 2024 19:25

Tgt Ion:212 Resp: 9278
Ion Ratio Lower Upper
212 100
106 15.5 13.2 19.8
104 8.6 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.461 min Scan# 2466

Delta R.T. 0.005 min

Lab File: BN030065.D

Acq: 26 Feb 2024 19:25

Instrument :

BNA_N

ClientSampleId :

RE122D1-20240221

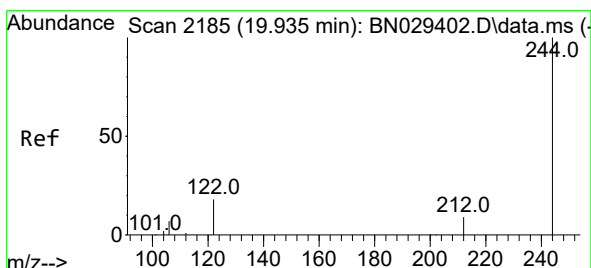
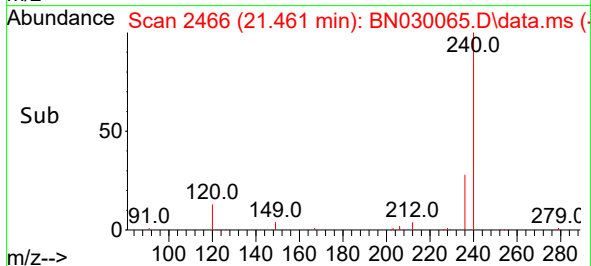
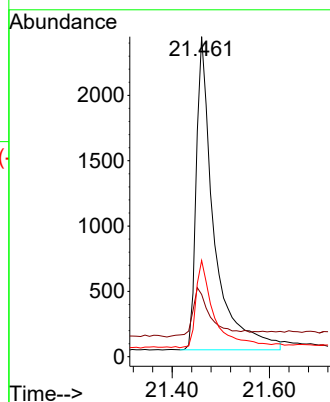
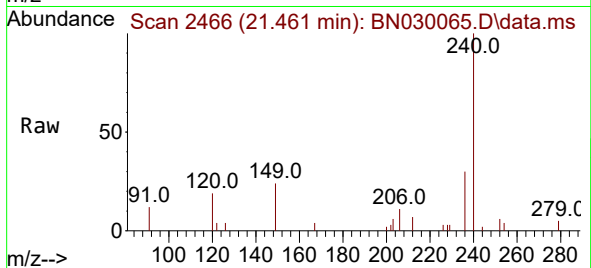
Tgt Ion:240 Resp: 6053

Ion Ratio Lower Upper

240 100

120 19.5 16.7 25.1

236 30.1 23.9 35.9



#31

Terphenyl-d14

Concen: 0.464 ng

RT: 19.894 min Scan# 2176

Delta R.T. -0.004 min

Lab File: BN030065.D

Acq: 26 Feb 2024 19:25

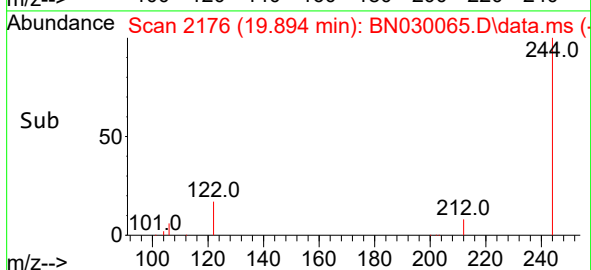
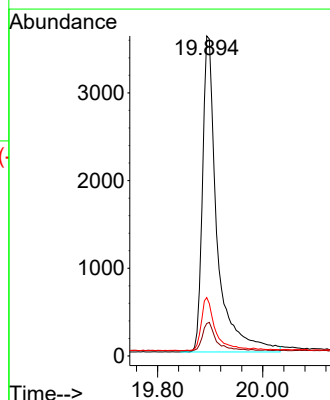
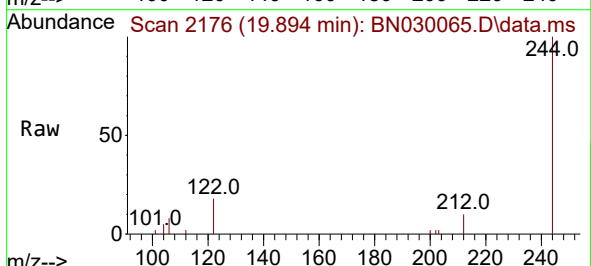
Tgt Ion:244 Resp: 6971

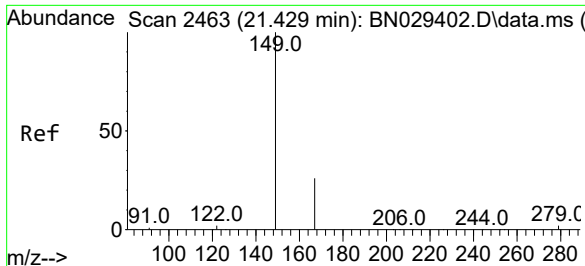
Ion Ratio Lower Upper

244 100

212 10.2 8.2 12.4

122 18.3 15.6 23.4

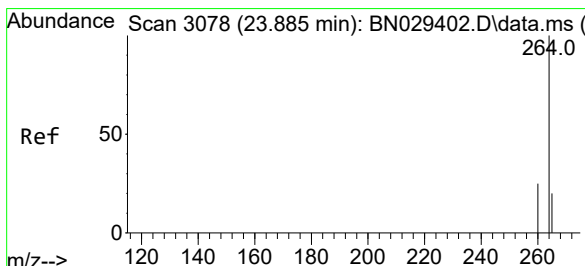
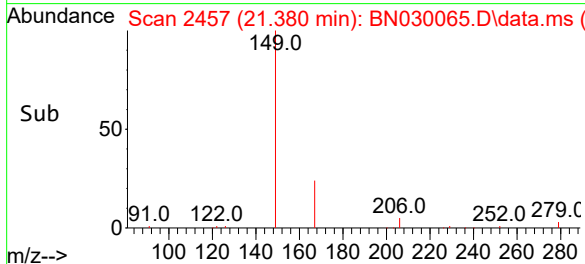
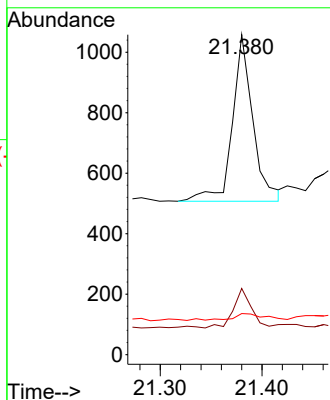
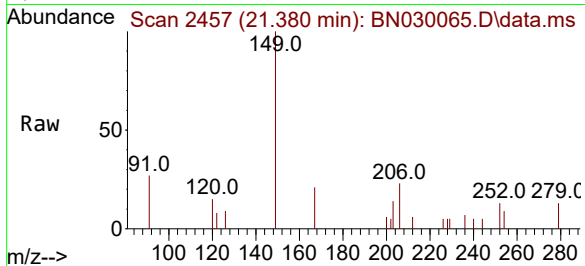




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.380 min Scan# 2463
 Delta R.T. -0.004 min
 Lab File: BN030065.D
 Acq: 26 Feb 2024 19:25

Instrument :
 BNA_N
 ClientSampleId :
 RE122D1-20240221

Tgt Ion:149 Resp: 771
 Ion Ratio Lower Upper
 149 100
 167 20.6 20.1 30.1
 279 5.8 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.828 min Scan# 3057
 Delta R.T. 0.007 min
 Lab File: BN030065.D
 Acq: 26 Feb 2024 19:25

Tgt Ion:264 Resp: 5929
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.2 31.8
 265 92.9 41.5 62.3#

