

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030005.D
 Acq On : 24 Feb 2024 22:44
 Operator : MA/JU
 Sample : P1520-11
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240216

Quant Time: Feb 26 02:45:43 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)

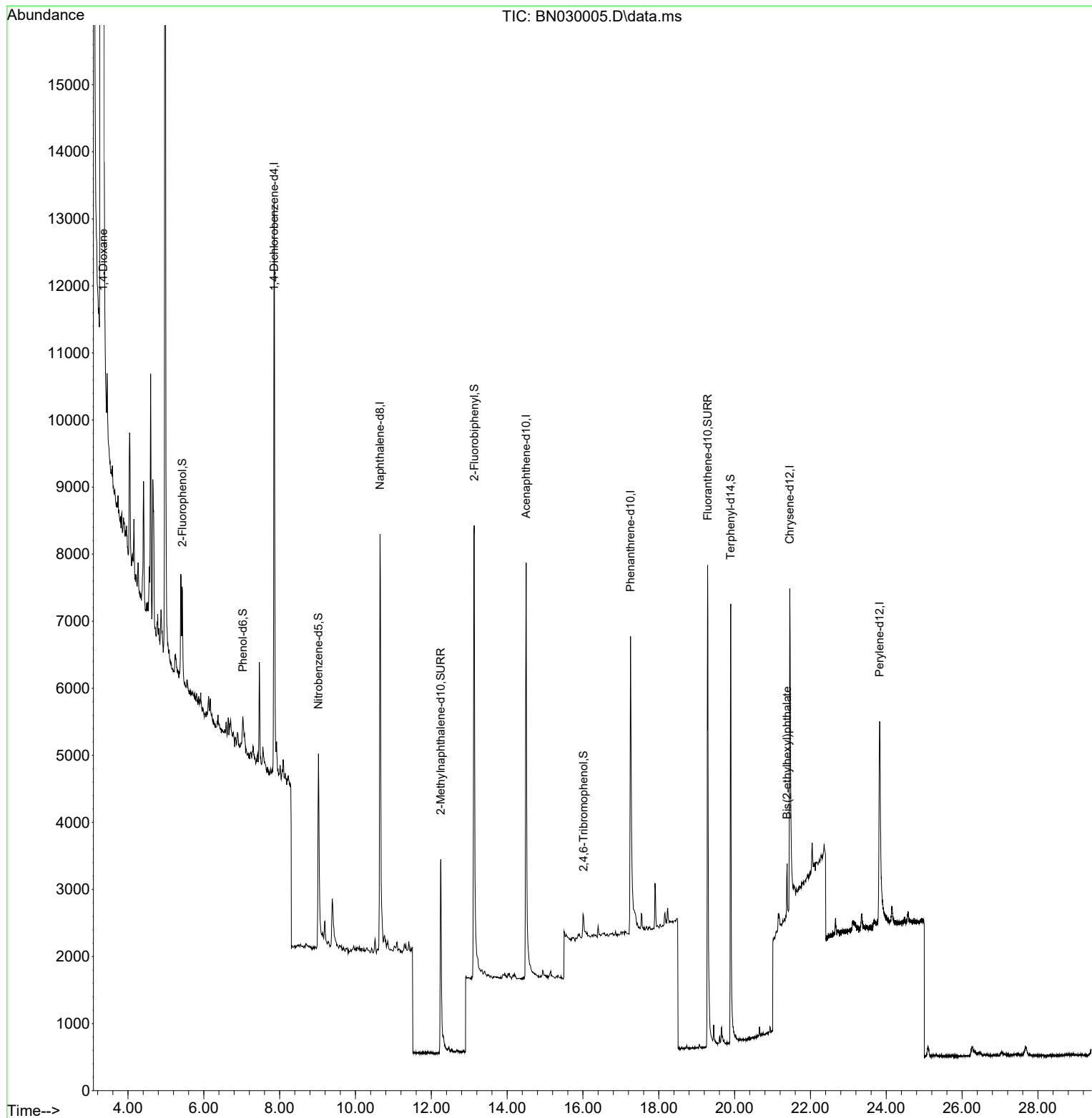
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4080	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10379	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	4732	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	9647	0.400	ng	0.00
29) Chrysene-d12	21.456	240	7028	0.400	ng	0.00
35) Perylene-d12	23.826	264	6792	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1118	0.114	ng	0.00
5) Phenol-d6	7.031	99	775	0.069	ng	0.00
8) Nitrobenzene-d5	9.025	82	3591	0.416	ng	0.01
11) 2-Methylnaphthalene-d10	12.250	152	5560	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	329	0.217	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	8370	0.412	ng	0.01
27) Fluoranthene-d10	19.290	212	10498	0.449	ng	0.00
31) Terphenyl-d14	19.898	244	8243	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.348	88	56542	9.844	ng	97
34) Bis(2-ethylhexyl)phtha...	21.385	149	1004	0.061	ng	# 95

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

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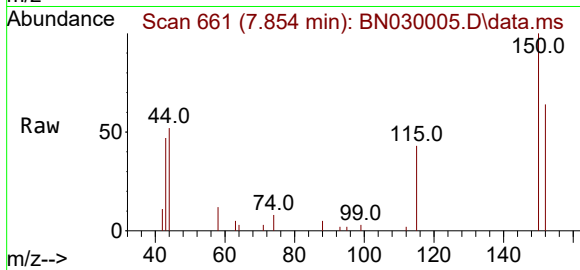
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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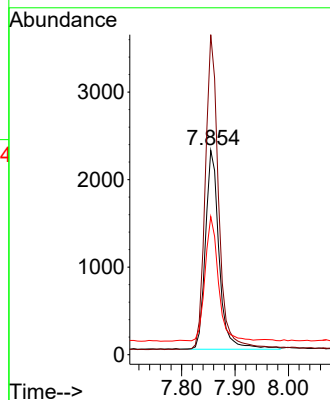
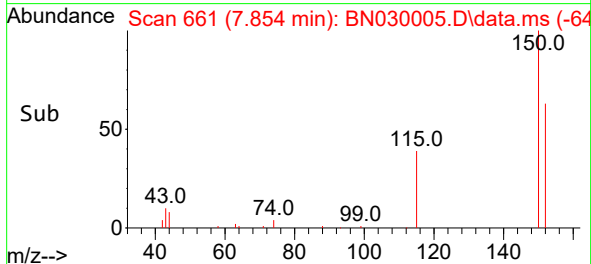


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 6
 Delta R.T. 0.000 min
 Lab File: BN030005.D
 Acq: 24 Feb 2024 22:44

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240216

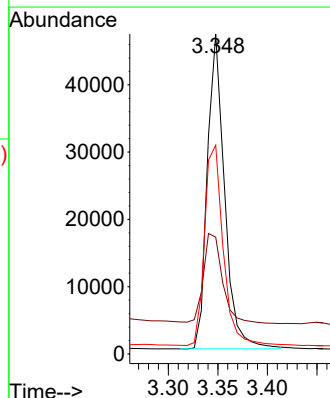
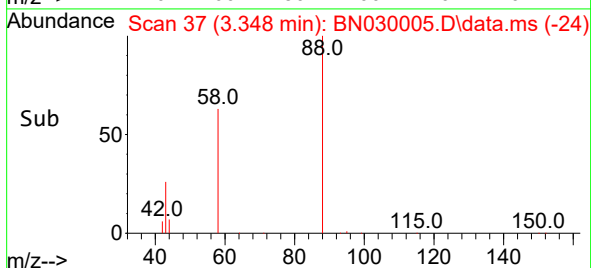
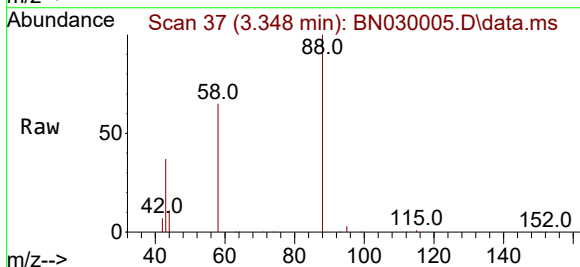


Tgt Ion:152 Resp: 4080
 Ion Ratio Lower Upper
 152 100
 150 156.6 123.0 184.4
 115 67.5 51.4 77.0



#2
 1,4-Dioxane
 Concen: 9.844 ng
 RT: 3.348 min Scan# 37
 Delta R.T. -0.007 min
 Lab File: BN030005.D
 Acq: 24 Feb 2024 22:44

Tgt Ion: 88 Resp: 56542
 Ion Ratio Lower Upper
 88 100
 43 31.7 23.3 34.9
 58 68.5 53.8 80.6





#4

2-Fluorophenol

Concen: 0.114 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030005.D

Acq: 24 Feb 2024 22:44

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240216

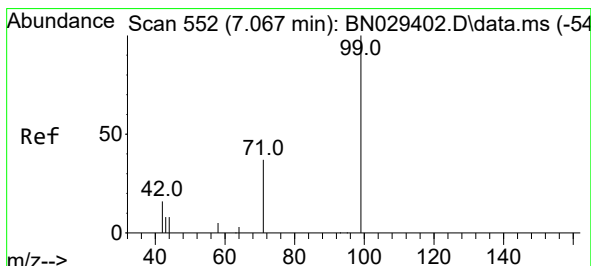
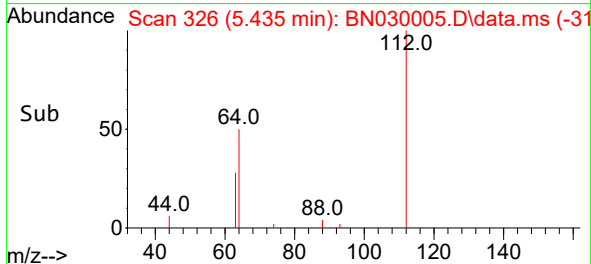
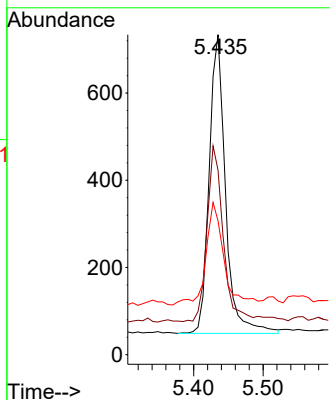
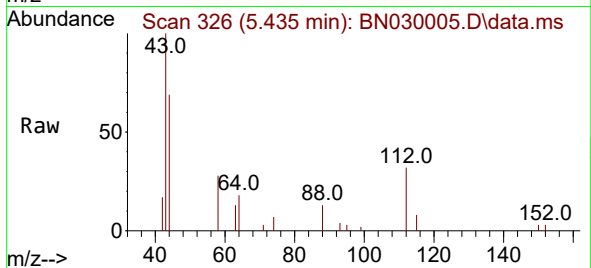
Tgt Ion:112 Resp: 1118

Ion Ratio Lower Upper

112 100

64 60.1 47.2 70.8

63 37.2 25.8 38.6



#5

Phenol-d6

Concen: 0.069 ng

RT: 7.031 min Scan# 547

Delta R.T. 0.007 min

Lab File: BN030005.D

Acq: 24 Feb 2024 22:44

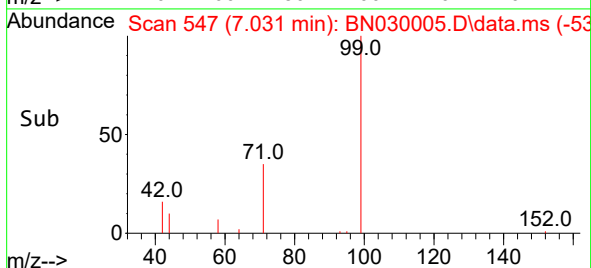
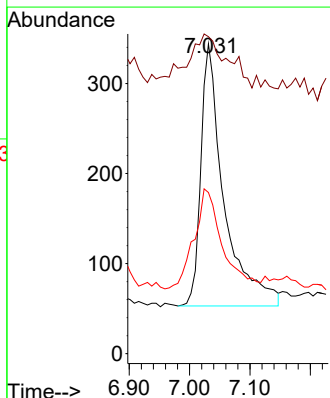
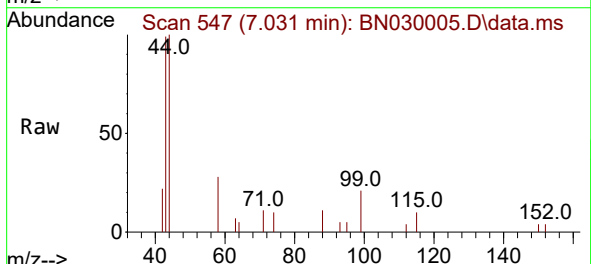
Tgt Ion: 99 Resp: 775

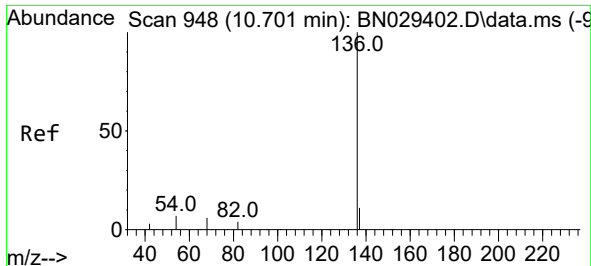
Ion Ratio Lower Upper

99 100

42 35.5 16.9 25.3#

71 46.6 30.0 45.0#

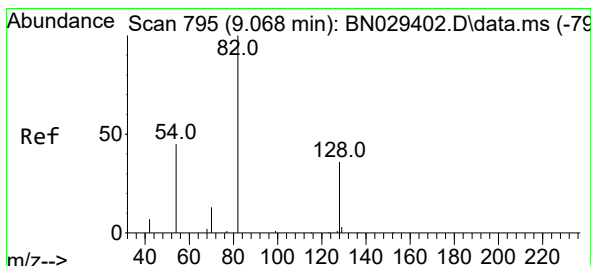
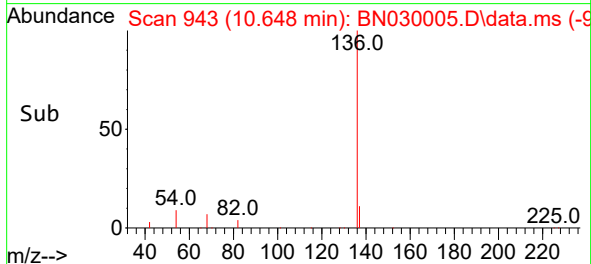
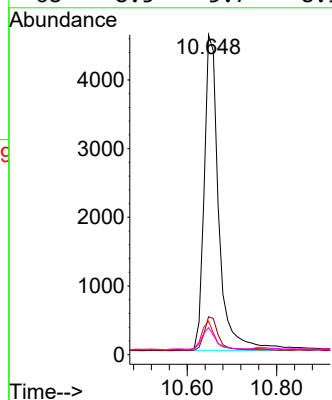
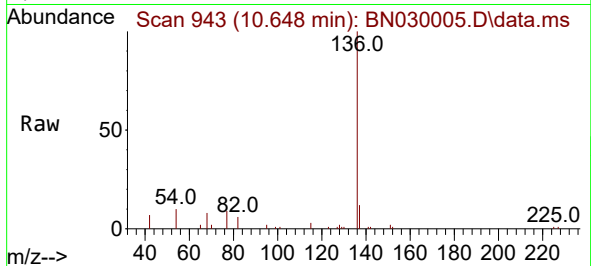




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

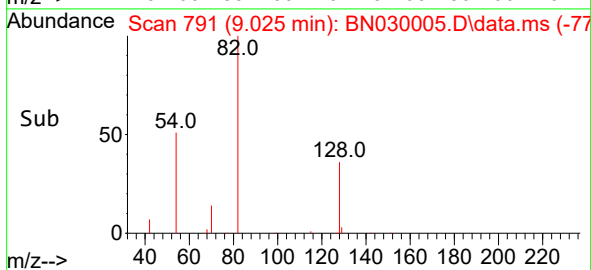
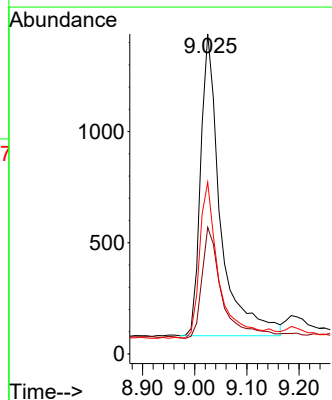
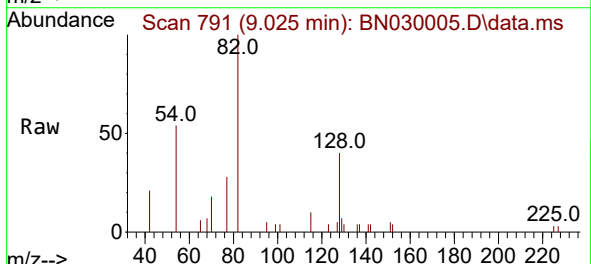
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240216

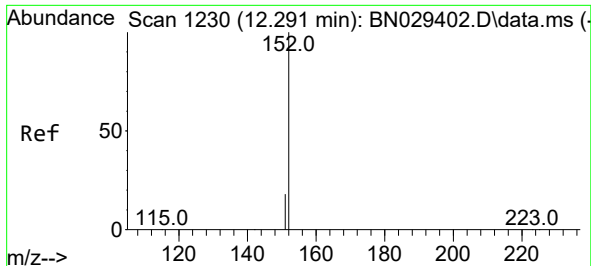
Tgt Ion:136 Resp: 10379
Ion Ratio Lower Upper
136 100
137 11.9 9.7 14.5
54 10.5 6.6 10.0#
68 8.5 5.7 8.5



#8
Nitrobenzene-d5
Concen: 0.416 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

Tgt Ion: 82 Resp: 3591
Ion Ratio Lower Upper
82 100
128 39.5 31.6 47.4
54 53.6 38.2 57.4

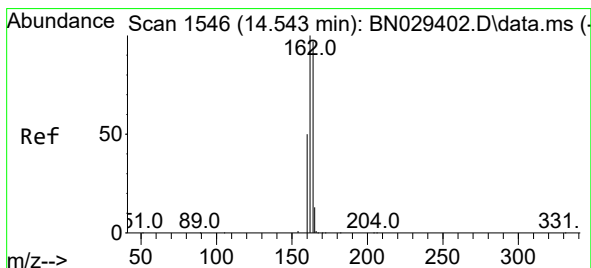
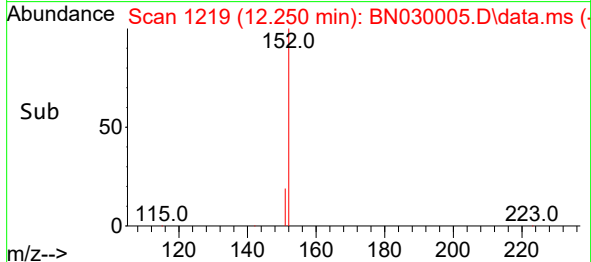
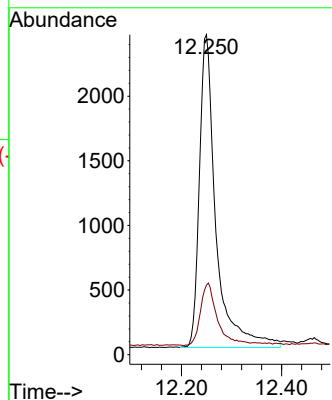
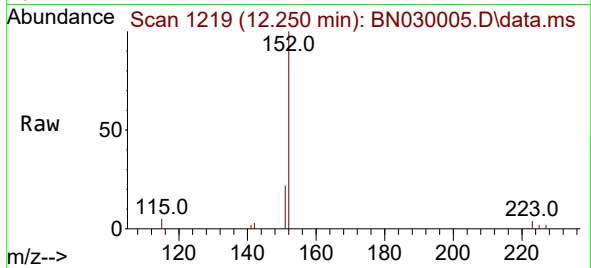




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.250 min Scan# 11
Delta R.T. 0.004 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

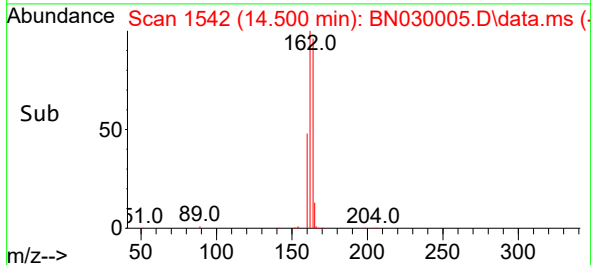
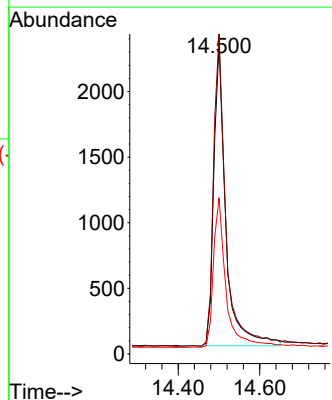
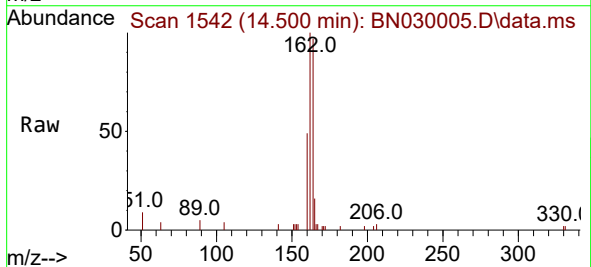
Instrument :
BNA_N
ClientSampleId :
RE125D2-20240216

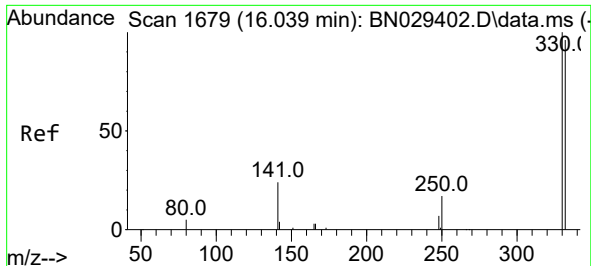
Tgt Ion:152 Resp: 5560
Ion Ratio Lower Upper
152 100
151 20.4 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

Tgt Ion:164 Resp: 4732
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 50.5 41.5 62.3

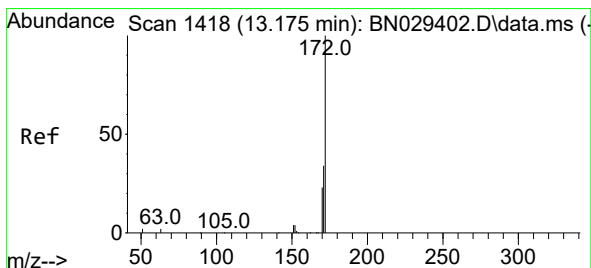
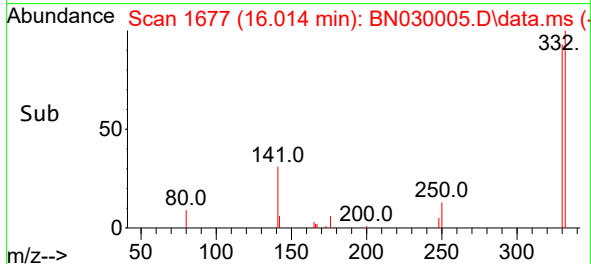
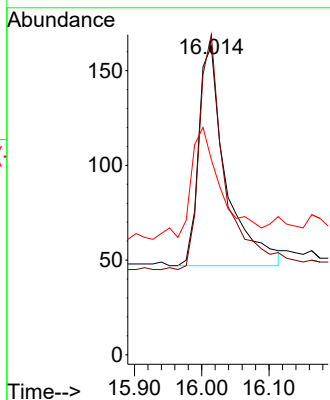
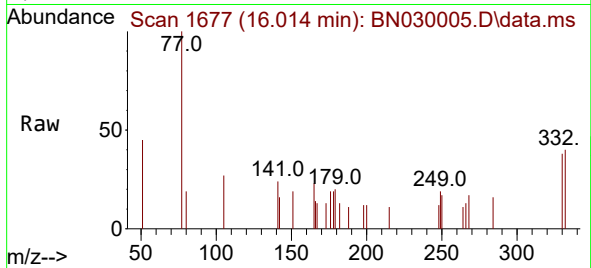




#14
2,4,6-Tribromophenol
Concen: 0.217 ng
RT: 16.014 min Scan# 1
Delta R.T. 0.013 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

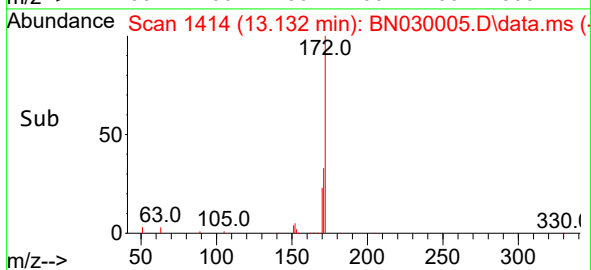
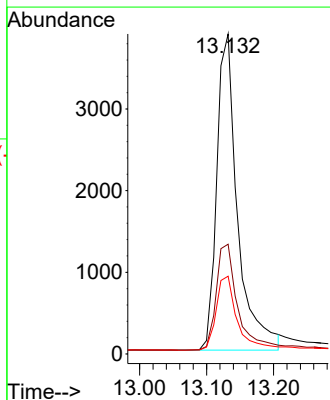
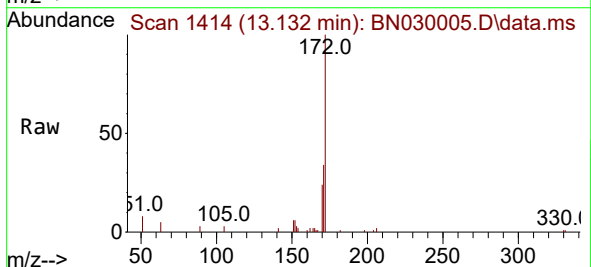
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ClientSampleId :
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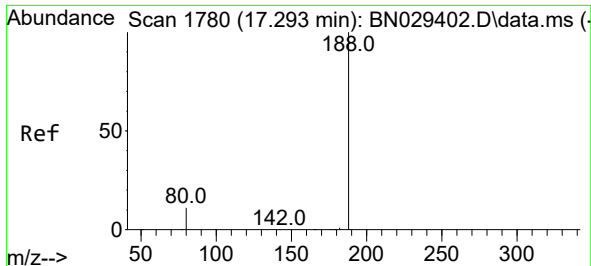
Tgt Ion:330 Resp: 329
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 48.3 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

Tgt Ion:172 Resp: 8370
Ion Ratio Lower Upper
172 100
171 34.3 28.0 42.0
170 24.3 18.7 28.1

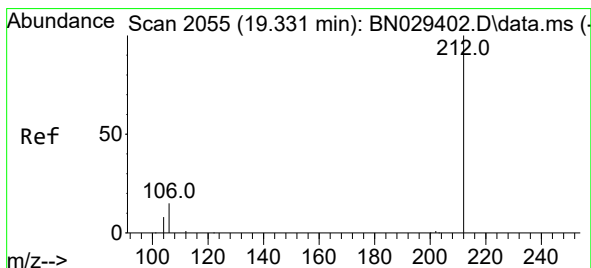
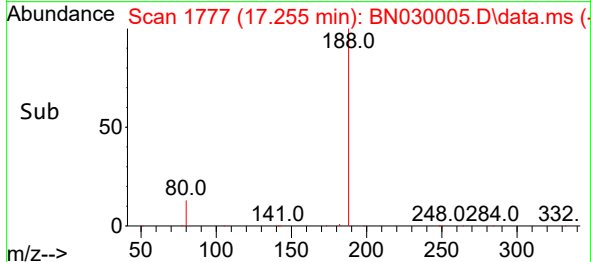
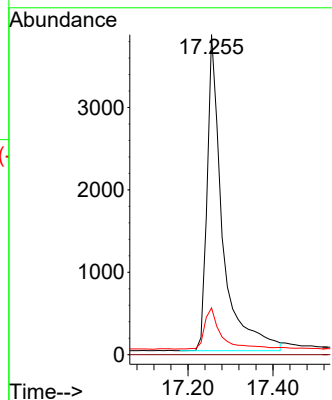
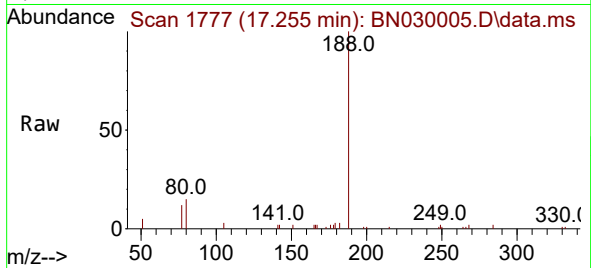




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

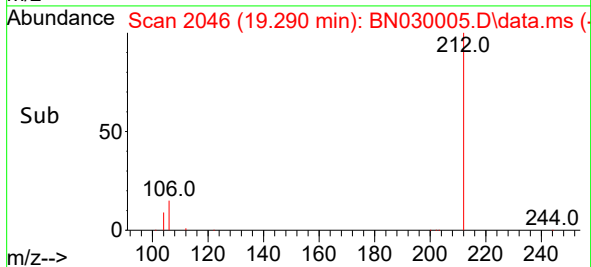
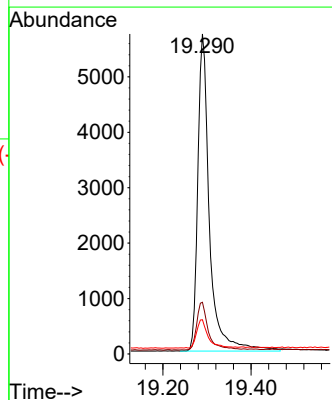
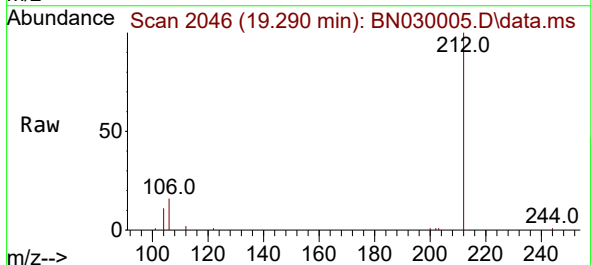
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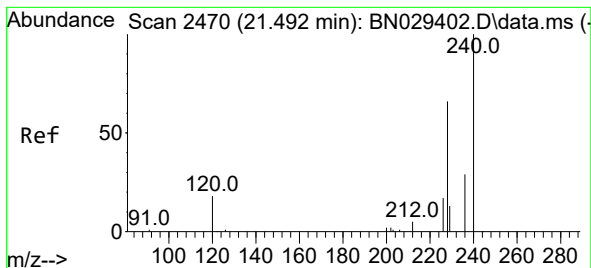
Tgt Ion:188 Resp: 9647
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.449 ng
RT: 19.290 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BN030005.D
Acq: 24 Feb 2024 22:44

Tgt Ion:212 Resp: 10498
Ion Ratio Lower Upper
212 100
106 15.0 13.2 19.8
104 9.0 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: BN030005.D

Acq: 24 Feb 2024 22:44

Instrument :

BNA_N

ClientSampleId :

RE125D2-20240216

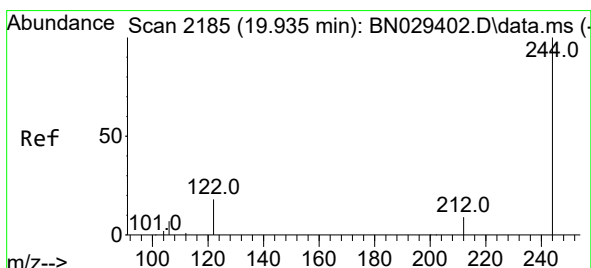
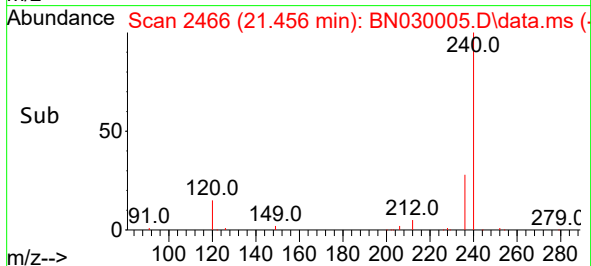
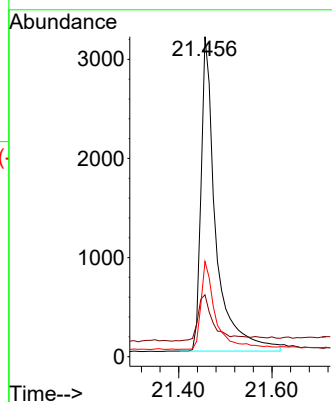
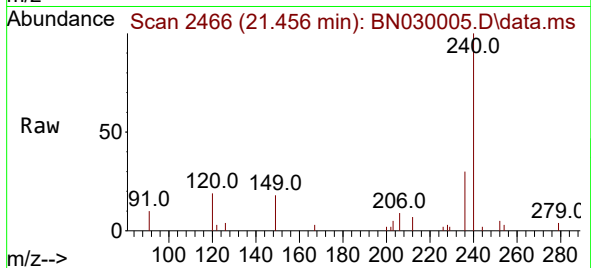
Tgt Ion:240 Resp: 7028

Ion Ratio Lower Upper

240 100

120 19.4 16.7 25.1

236 29.7 23.9 35.9



#31

Terphenyl-d14

Concen: 0.473 ng

RT: 19.898 min Scan# 2177

Delta R.T. 0.000 min

Lab File: BN030005.D

Acq: 24 Feb 2024 22:44

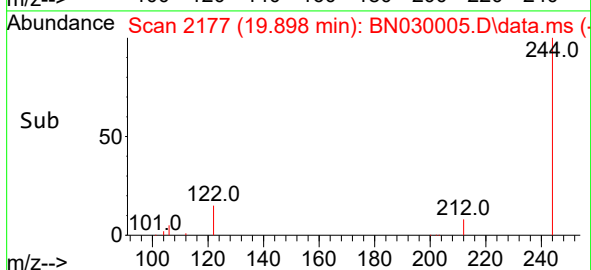
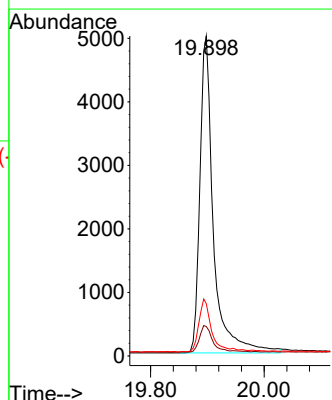
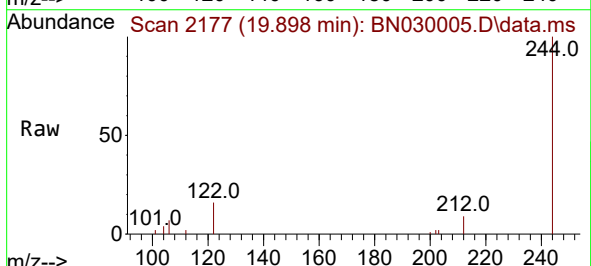
Tgt Ion:244 Resp: 8243

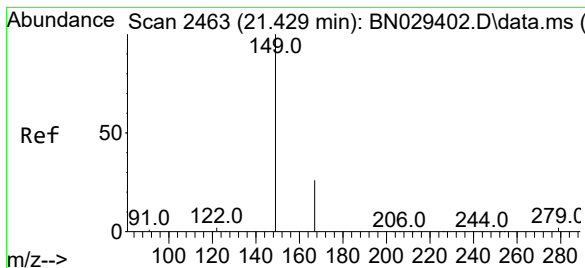
Ion Ratio Lower Upper

244 100

212 9.2 8.2 12.4

122 16.3 15.6 23.4

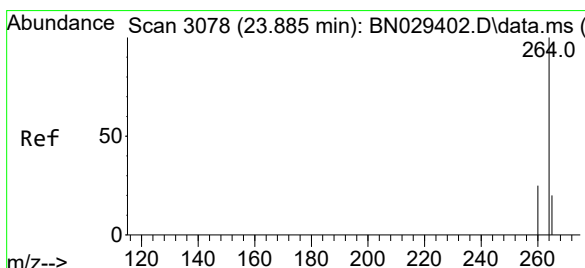
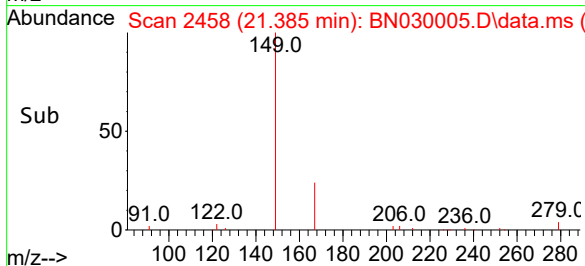
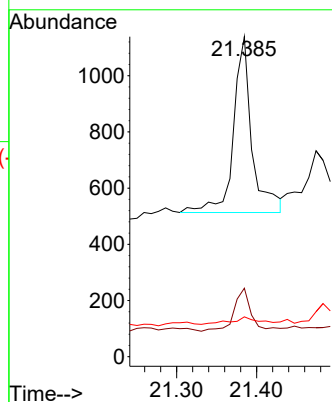
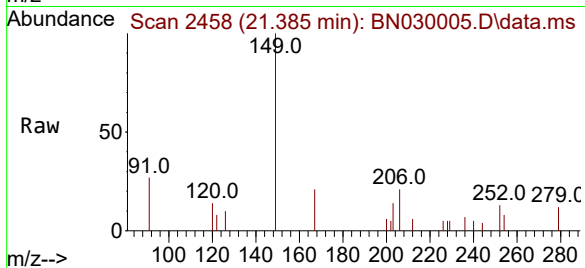




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.385 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BN030005.D
 Acq: 24 Feb 2024 22:44

Instrument :
 BNA_N
 ClientSampleId :
 RE125D2-20240216

Tgt Ion:149 Resp: 1004
 Ion Ratio Lower Upper
 149 100
 167 22.6 20.1 30.1
 279 6.2 2.5 3.7#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.826 min Scan# 3058
 Delta R.T. 0.006 min
 Lab File: BN030005.D
 Acq: 24 Feb 2024 22:44

Tgt Ion:264 Resp: 6792
 Ion Ratio Lower Upper
 264 100
 260 27.2 21.2 31.8
 265 82.5 41.5 62.3#

