

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022424\
 Data File : BN030003.D
 Acq On : 24 Feb 2024 21:32
 Operator : MA/JU
 Sample : P1520-09
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240216

Quant Time: Feb 26 02:45:19 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)

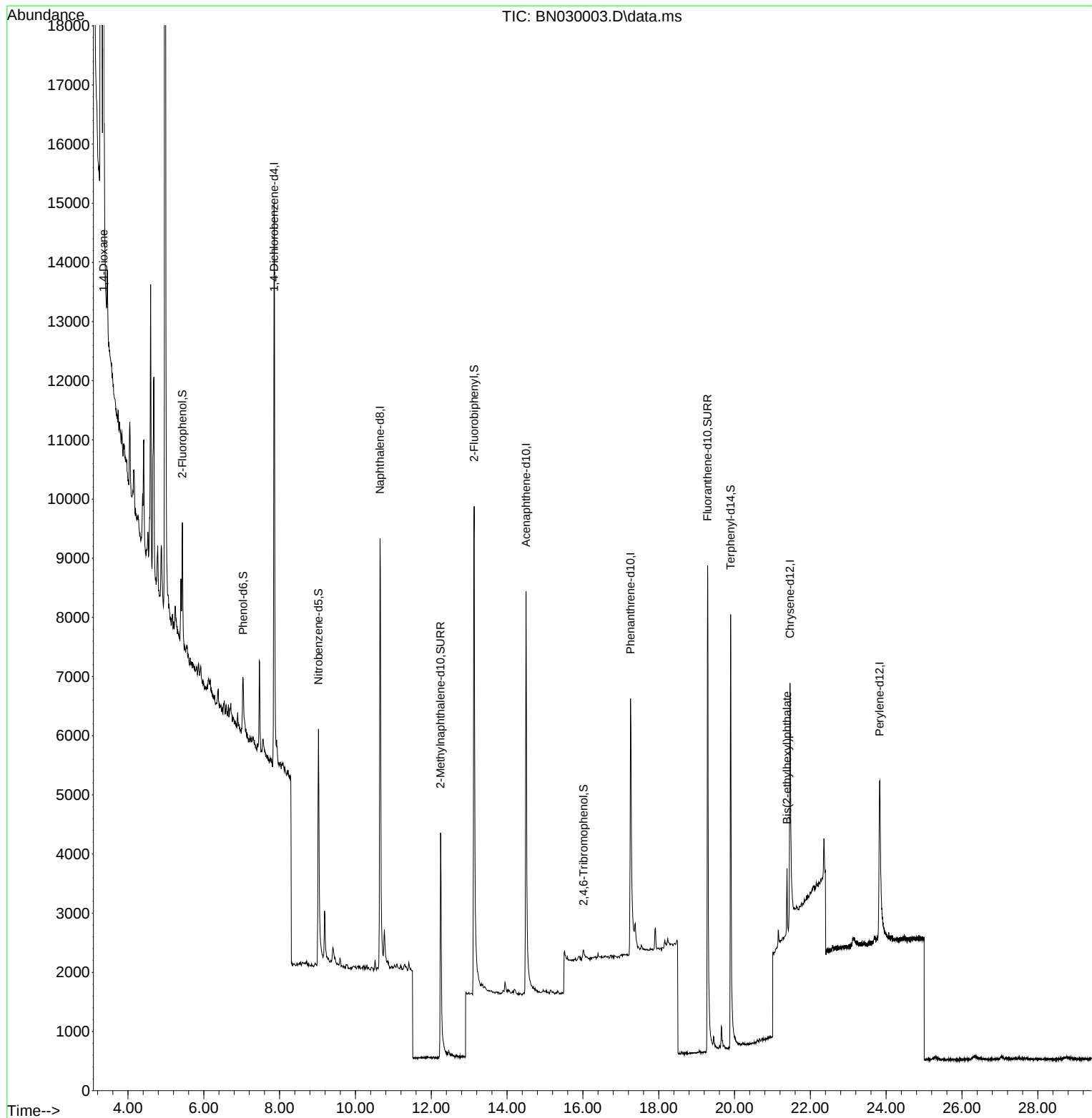
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	4868	0.400	ng	0.00
7) Naphthalene-d8	10.647	136	12274	0.400	ng	# 0.00
13) Acenaphthene-d10	14.500	164	5484	0.400	ng	0.01
19) Phenanthrene-d10	17.255	188	10698	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	6802	0.400	ng	0.00
35) Perylene-d12	23.829	264	6276	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1726	0.148	ng	0.00
5) Phenol-d6	7.038	99	1484	0.110	ng	0.01
8) Nitrobenzene-d5	9.025	82	4666	0.457	ng	0.01
11) 2-Methylnaphthalene-d10	12.246	152	7223	0.432	ng	0.00
14) 2,4,6-Tribromophenol	16.014	330	157	0.089	ng	0.01
15) 2-Fluorobiphenyl	13.132	172	10657	0.453	ng	0.01
27) Fluoranthene-d10	19.289	212	12849	0.496	ng	0.00
31) Terphenyl-d14	19.898	244	10194	0.604	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.355	88	37728	5.505	ng	96
34) Bis(2-ethylhexyl)phtha...	21.384	149	1108	0.070	ng	# 94

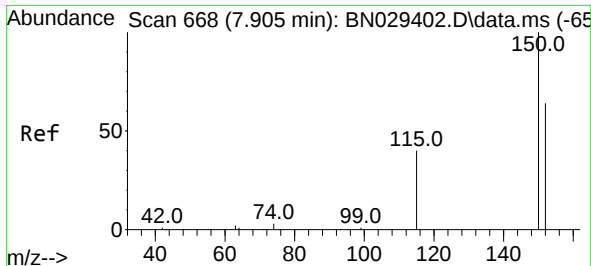
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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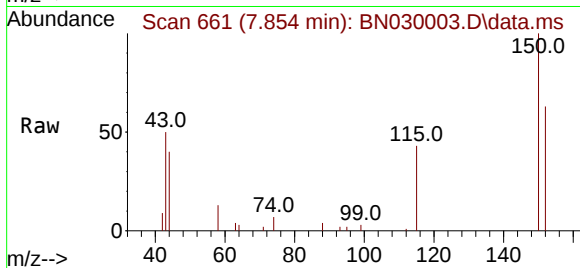
Quant Time: Feb 26 02:45:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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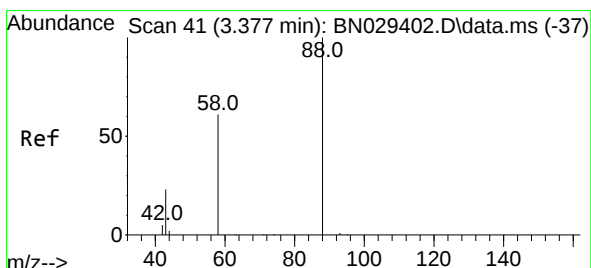
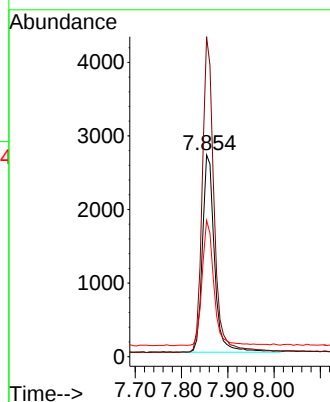
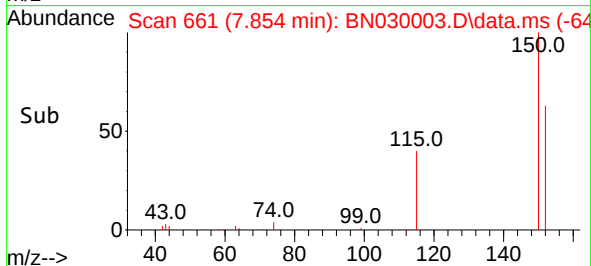


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.854 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030003.D
 Acq: 24 Feb 2024 21:32

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20240216

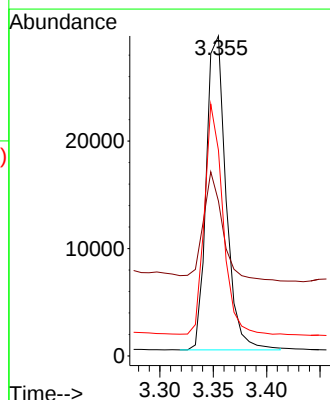
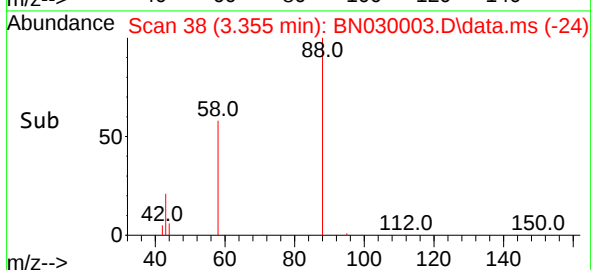
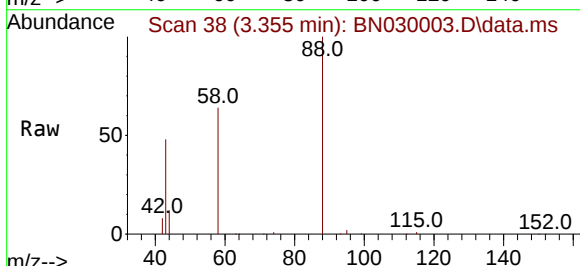


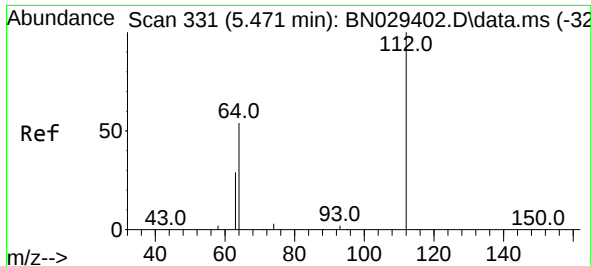
Tgt Ion:152 Resp: 4868
 Ion Ratio Lower Upper
 152 100
 150 158.6 123.0 184.4
 115 67.6 51.4 77.0



#2
 1,4-Dioxane
 Concen: 5.505 ng
 RT: 3.355 min Scan# 38
 Delta R.T. -0.000 min
 Lab File: BN030003.D
 Acq: 24 Feb 2024 21:32

Tgt Ion: 88 Resp: 37728
 Ion Ratio Lower Upper
 88 100
 43 34.3 23.3 34.9
 58 67.9 53.8 80.6





#4

2-Fluorophenol

Concen: 0.148 ng

RT: 5.435 min Scan# 31

Delta R.T. 0.007 min

Lab File: BN030003.D

Acq: 24 Feb 2024 21:32

Instrument :

BNA_N

ClientSampleId :

RE125D1-20240216

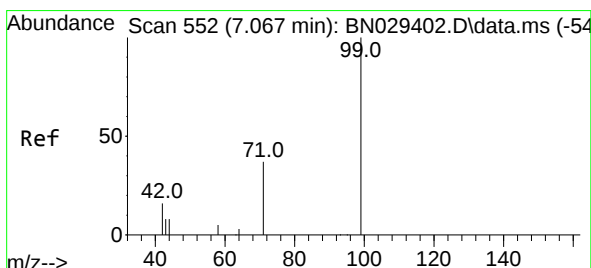
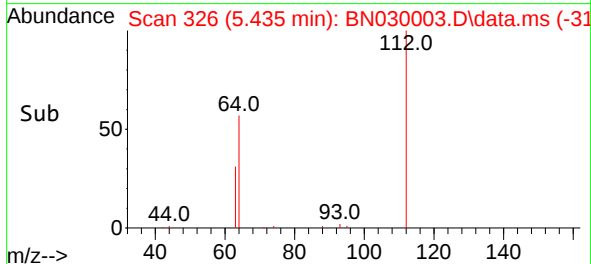
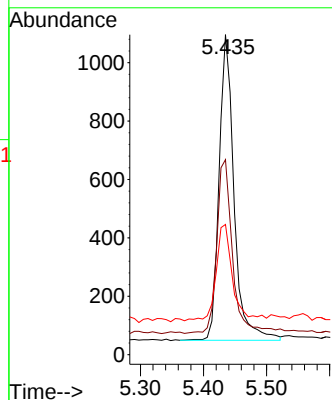
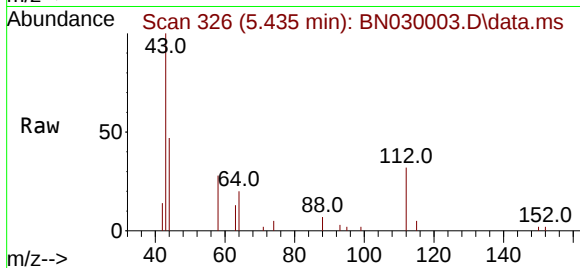
Tgt Ion:112 Resp: 1726

Ion Ratio Lower Upper

112 100

64 60.7 47.2 70.8

63 34.3 25.8 38.6



#5

Phenol-d6

Concen: 0.110 ng

RT: 7.038 min Scan# 548

Delta R.T. 0.014 min

Lab File: BN030003.D

Acq: 24 Feb 2024 21:32

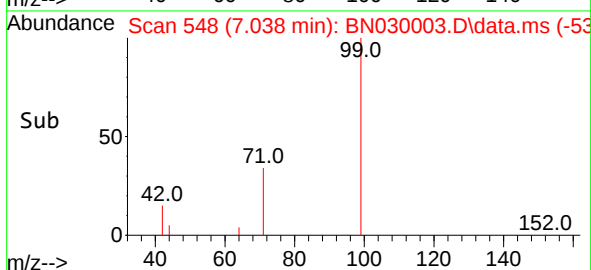
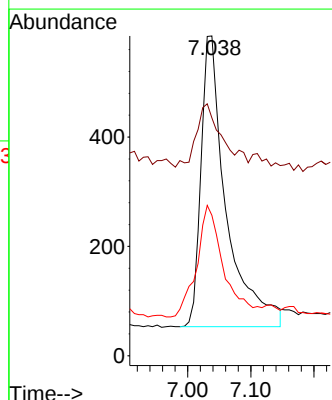
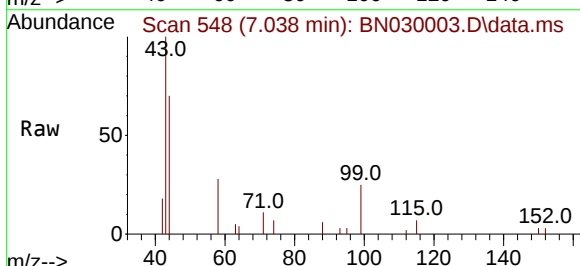
Tgt Ion: 99 Resp: 1484

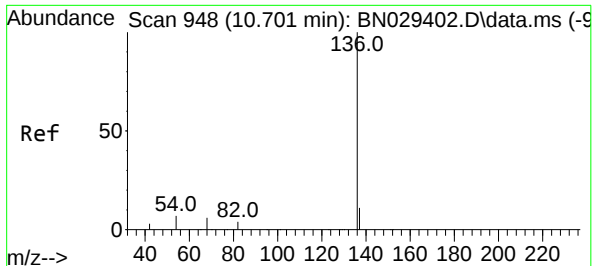
Ion Ratio Lower Upper

99 100

42 21.9 16.9 25.3

71 41.0 30.0 45.0

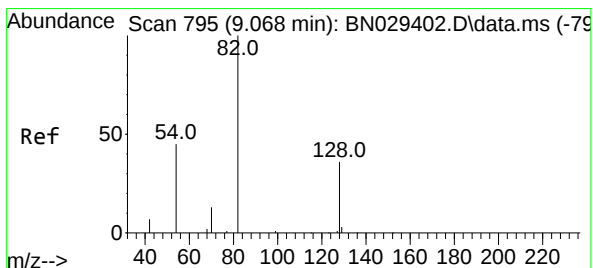
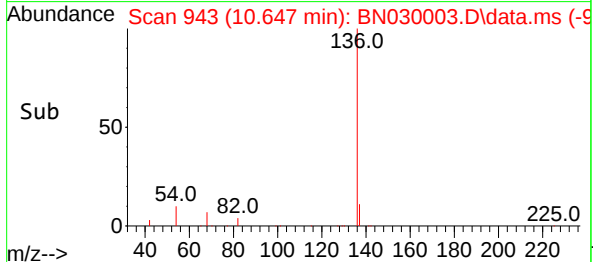
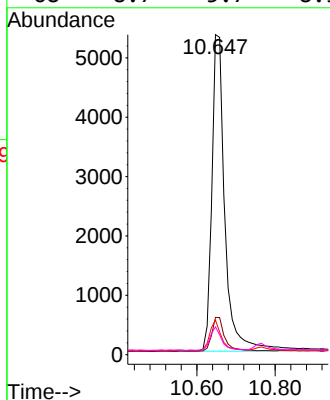
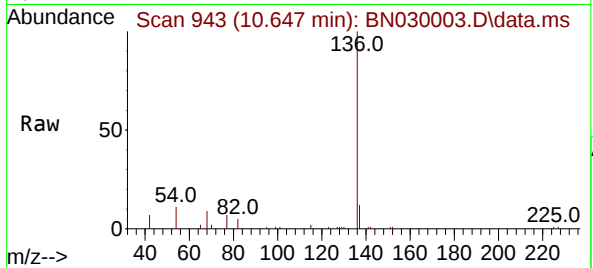




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.647 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

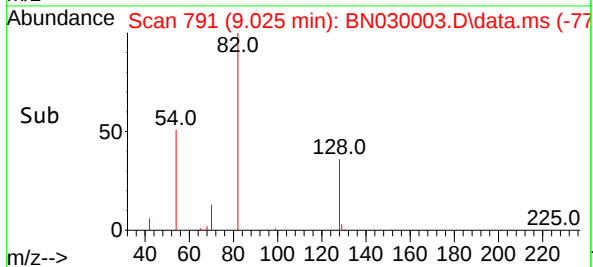
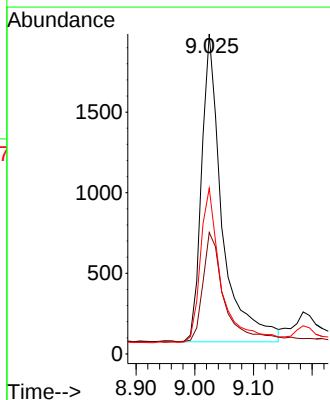
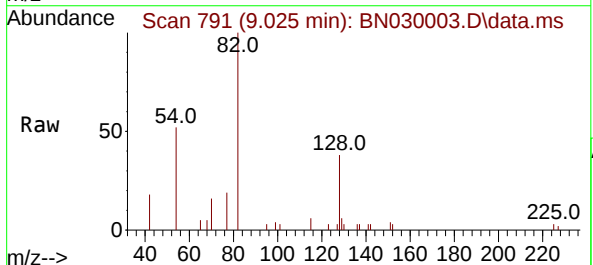
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216

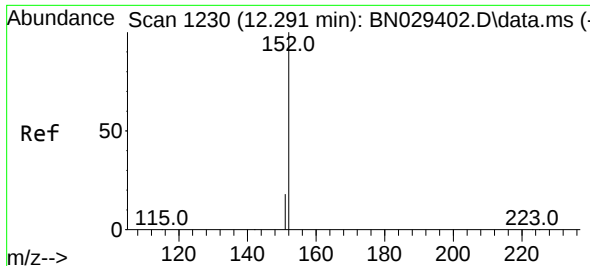
Tgt Ion:	136	Resp:	12274
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.7	14.5
54	10.8	6.6	10.0#
68	8.7	5.7	8.5#



#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:	82	Resp:	4666
Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.6	47.4
54	51.8	38.2	57.4

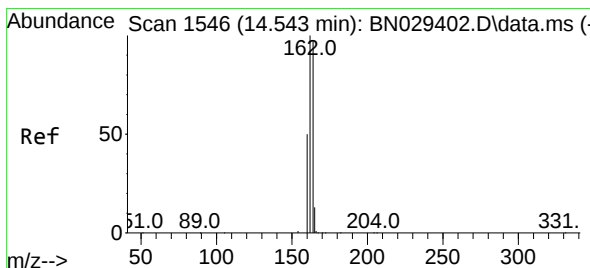
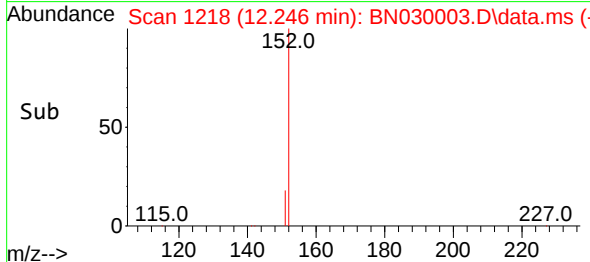
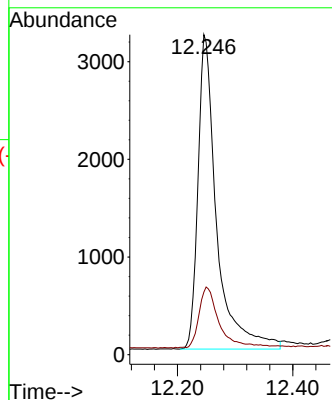
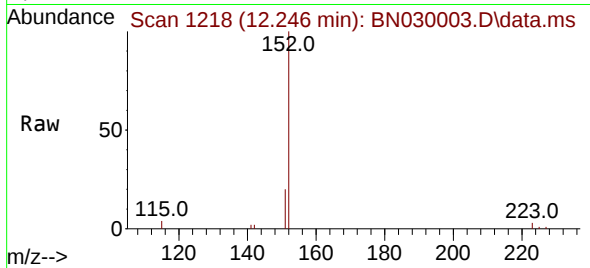




#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

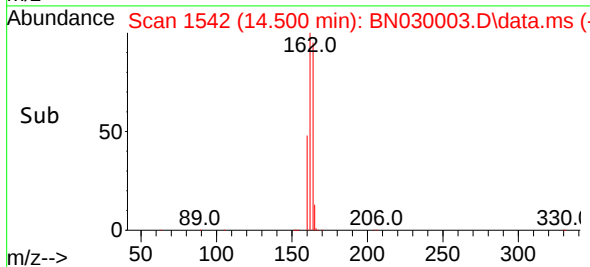
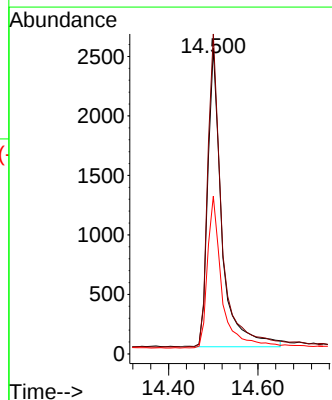
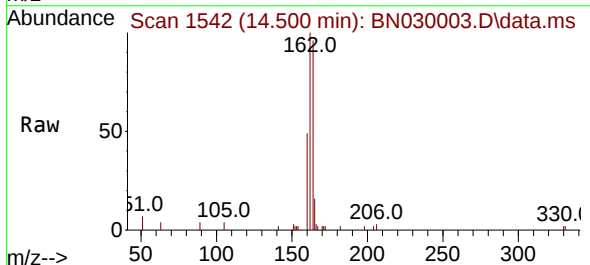
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216

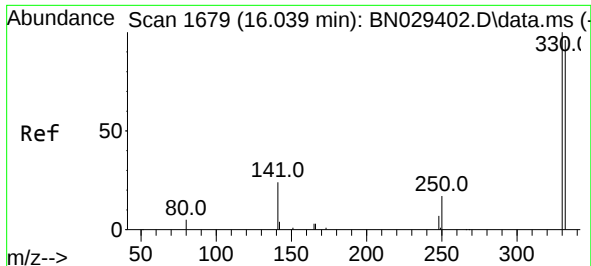
Tgt Ion:152 Resp: 7223
Ion Ratio Lower Upper
152 100
151 21.1 17.1 25.7



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.500 min Scan# 1542
Delta R.T. 0.011 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:164 Resp: 5484
Ion Ratio Lower Upper
164 100
162 104.7 82.6 123.8
160 51.6 41.5 62.3

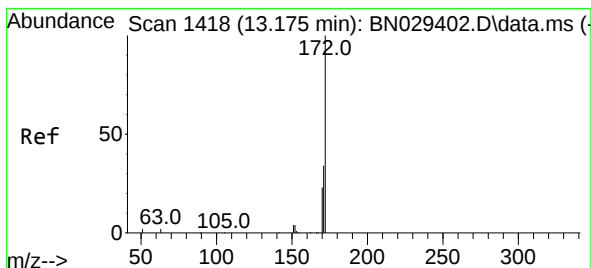
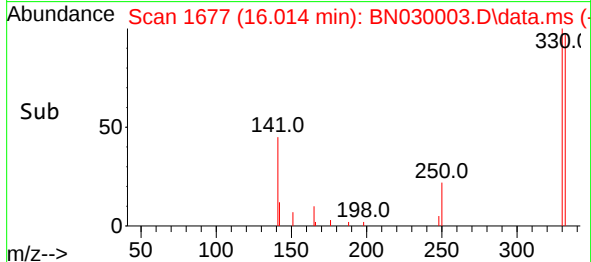
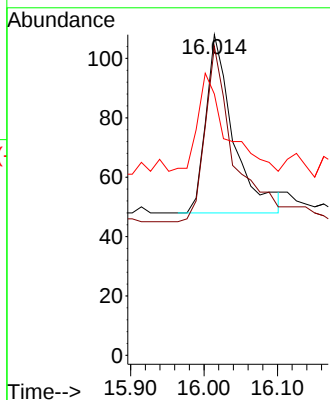
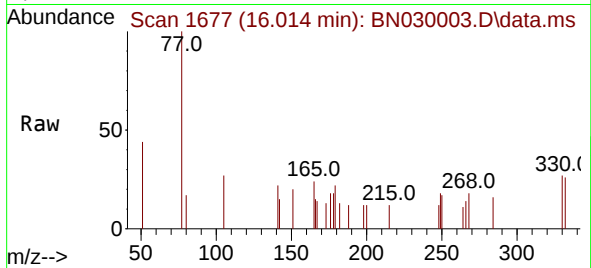




#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 16.014 min Scan# 1677
Delta R.T. 0.012 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

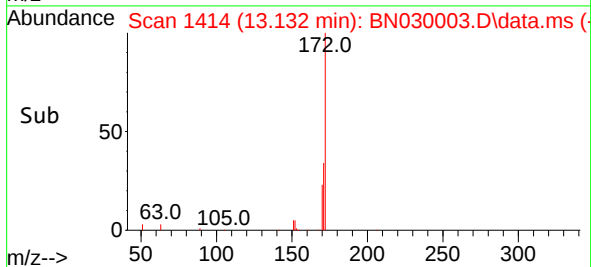
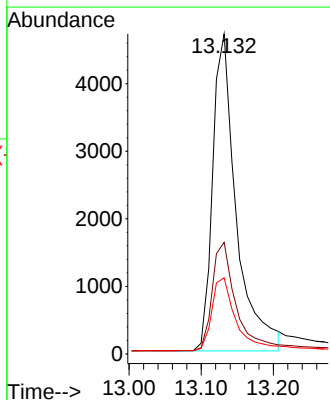
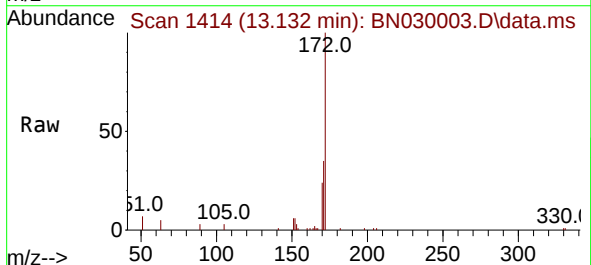
Instrument :
BNA_N
ClientSampleId :
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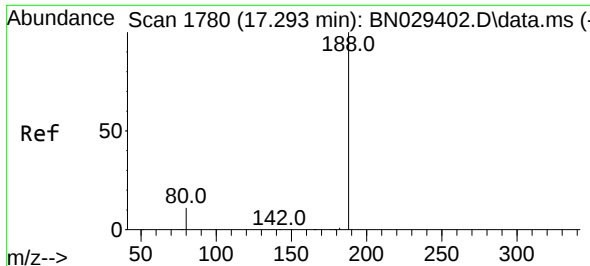
Tgt Ion:330 Resp: 157
Ion Ratio Lower Upper
330 100
332 101.9 76.0 114.0
141 56.7 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.453 ng
RT: 13.132 min Scan# 1414
Delta R.T. 0.011 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:172 Resp: 10657
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.8 18.7 28.1

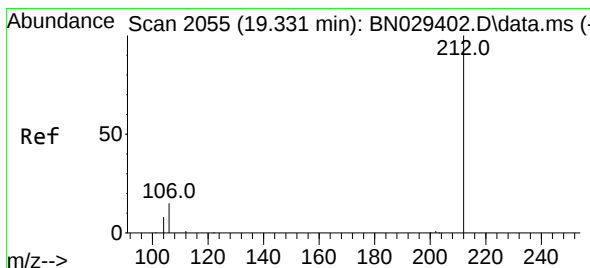
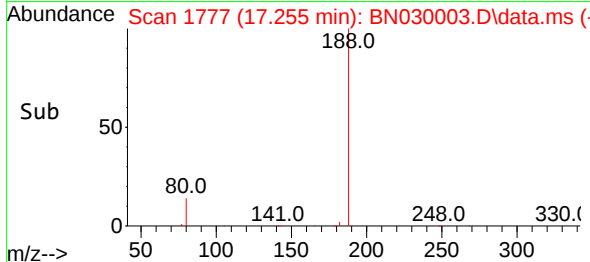
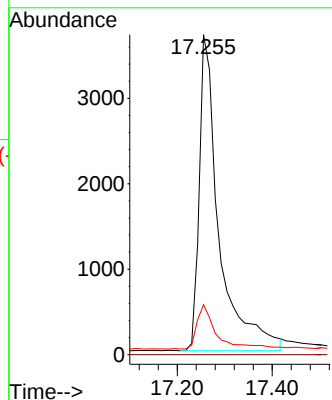
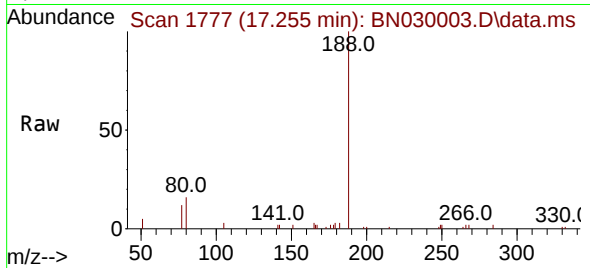




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

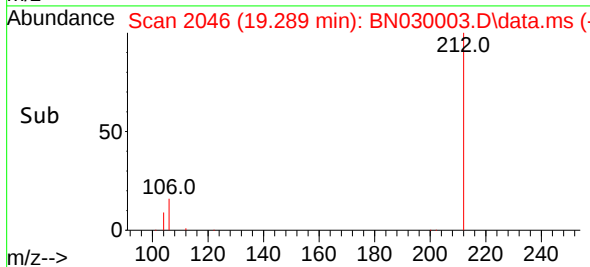
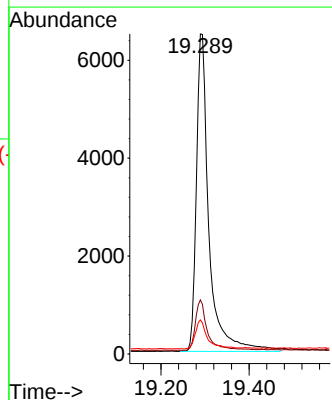
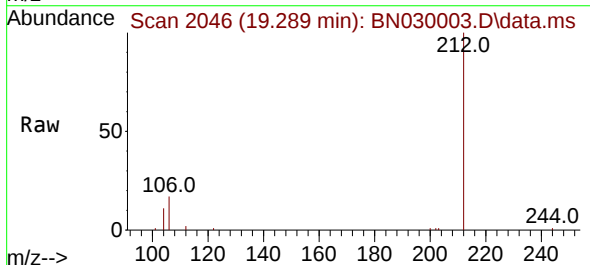
Instrument :
BNA_N
ClientSampleId :
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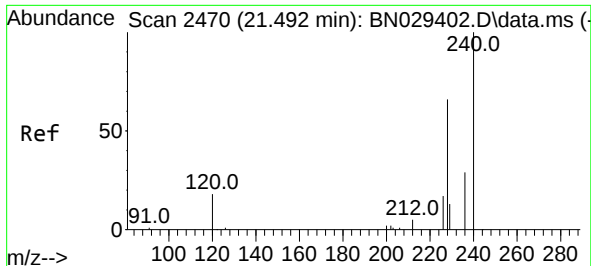
Tgt Ion:188 Resp: 10698
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.6 10.0 15.0#



#27
Fluoranthene-d10
Concen: 0.496 ng
RT: 19.289 min Scan# 2046
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:212 Resp: 12849
Ion Ratio Lower Upper
212 100
106 15.5 13.2 19.8
104 9.1 7.7 11.5

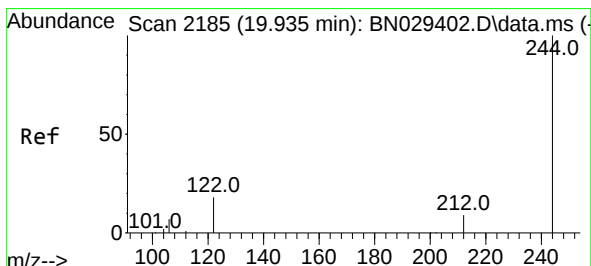
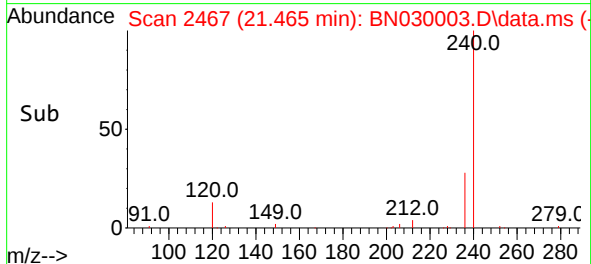
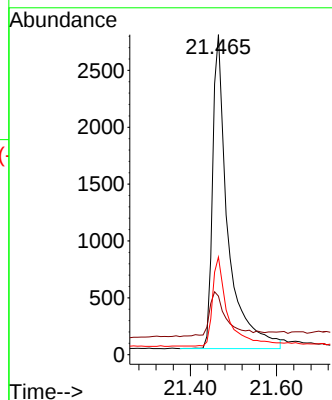
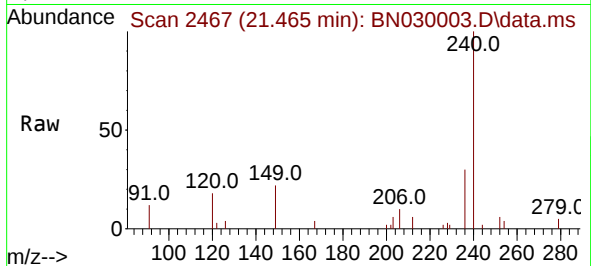




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. 0.009 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

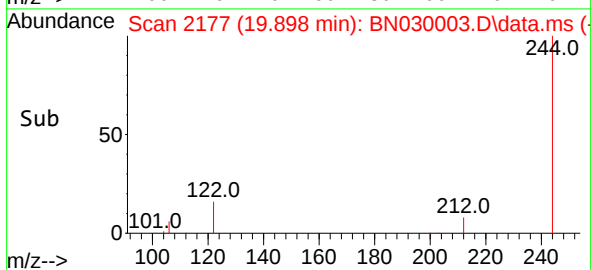
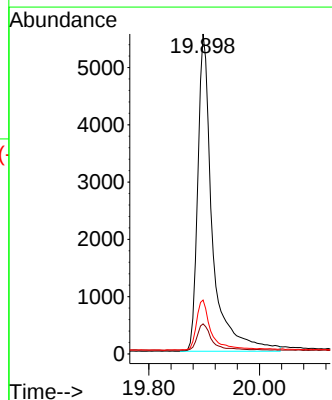
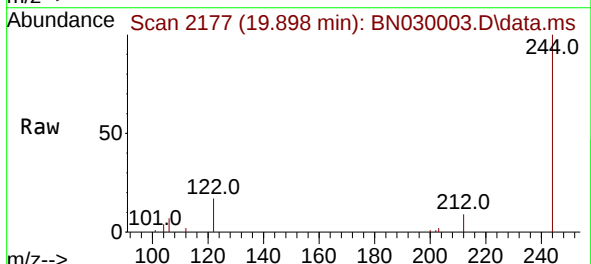
Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216

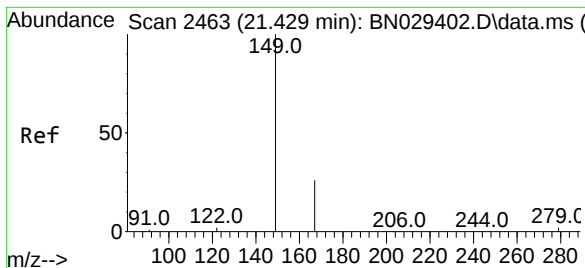
Tgt Ion:240 Resp: 6802
Ion Ratio Lower Upper
240 100
120 18.3 16.7 25.1
236 30.5 23.9 35.9



#31
Terphenyl-d14
Concen: 0.604 ng
RT: 19.898 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:244 Resp: 10194
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.4
122 16.8 15.6 23.4

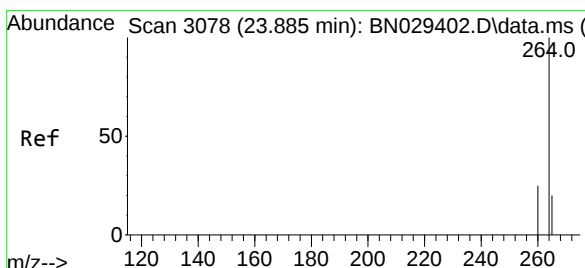
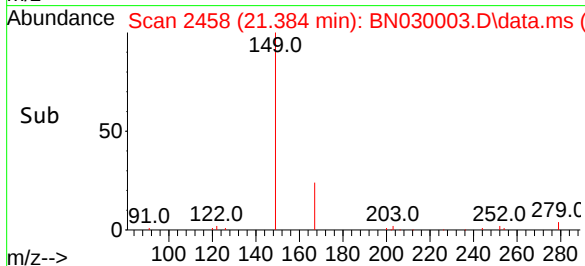
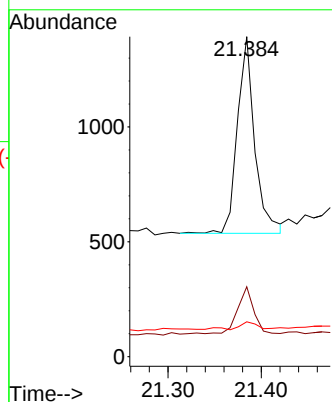
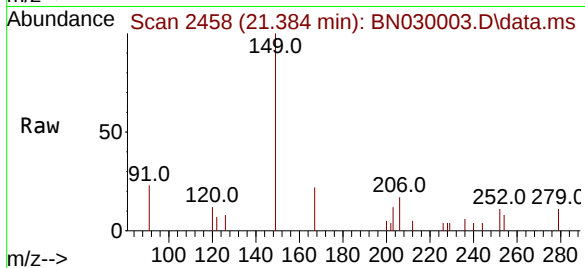




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.070 ng
RT: 21.384 min Scan# 2463
Delta R.T. -0.000 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Instrument :
BNA_N
ClientSampleId :
RE125D1-20240216

Tgt Ion:149 Resp: 1108
Ion Ratio Lower Upper
149 100
167 21.8 20.1 30.1
279 4.2 2.5 3.7#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.829 min Scan# 3059
Delta R.T. 0.009 min
Lab File: BN030003.D
Acq: 24 Feb 2024 21:32

Tgt Ion:264 Resp: 6276
Ion Ratio Lower Upper
264 100
260 27.7 21.2 31.8
265 89.6 41.5 62.3#

