

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
 Data File : BN030329.D
 Acq On : 07 Mar 2024 16:43
 Operator : MA/JU
 Sample : P1615-10
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20240226

Quant Time: Mar 07 18:06:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 17:44:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

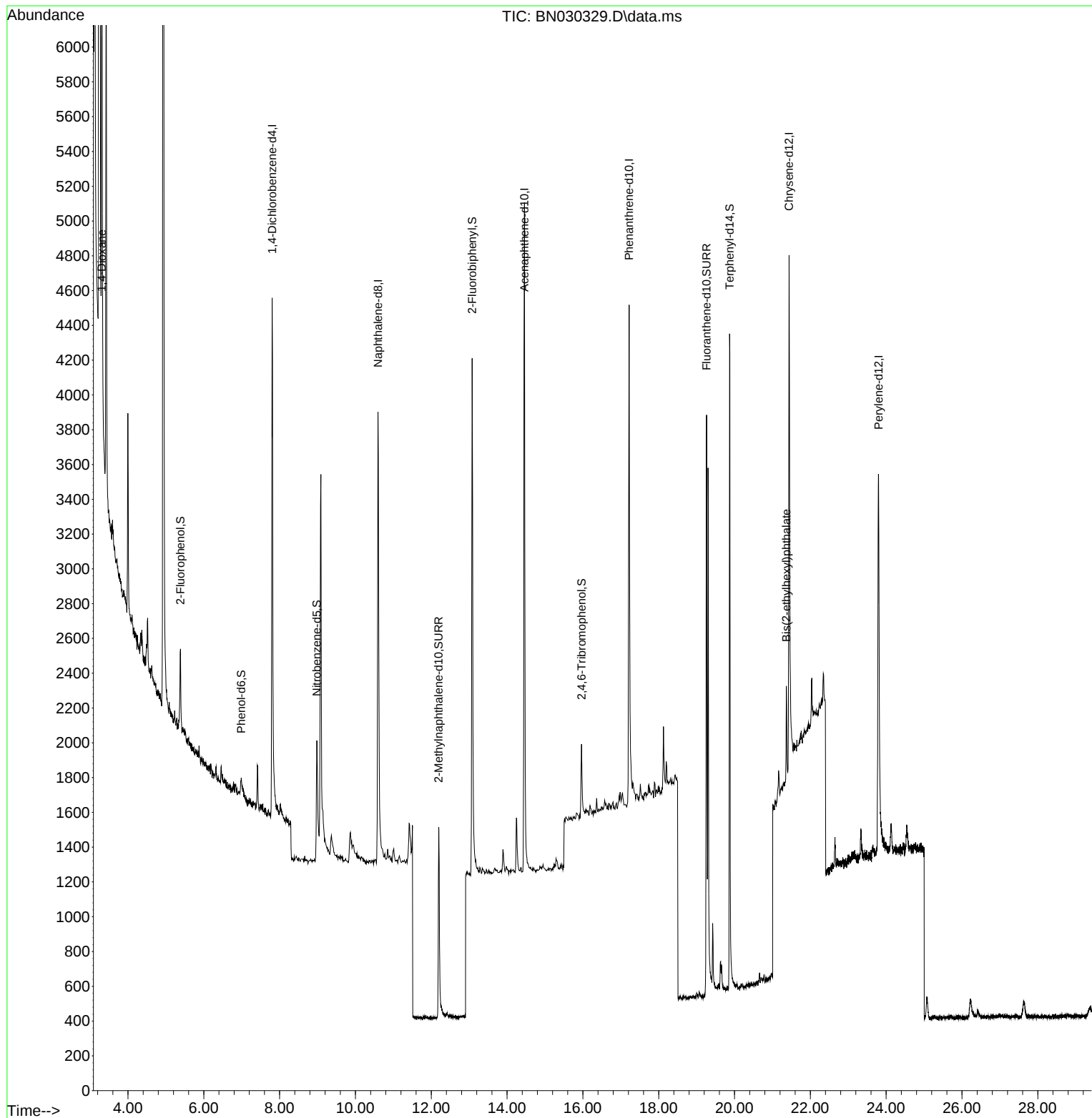
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	1752	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	4719	0.400	ng	-0.01
13) Acenaphthene-d10	14.457	164	2578	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5077	0.400	ng	0.00
29) Chrysene-d12	21.438	240	3759	0.400	ng	0.00
35) Perylene-d12	23.797	264	3993	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	419	0.091	ng	0.00
5) Phenol-d6	6.988	99	189	0.039	ng	0.00
8) Nitrobenzene-d5	8.982	82	1019	0.237	ng	0.01
11) 2-Methylnaphthalene-d10	12.197	152	1975	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	333	0.251	ng	0.00
15) 2-Fluorobiphenyl	13.078	172	3079	0.288	ng	-0.01
27) Fluoranthene-d10	19.262	212	4714	0.338	ng	0.00
31) Terphenyl-d14	19.870	244	4292	0.440	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.311	88	3739	1.645	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.366	149	639	0.061	ng	# 92

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

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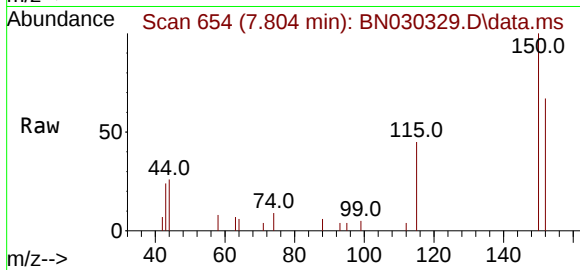
Quant Time: Mar 07 18:06:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
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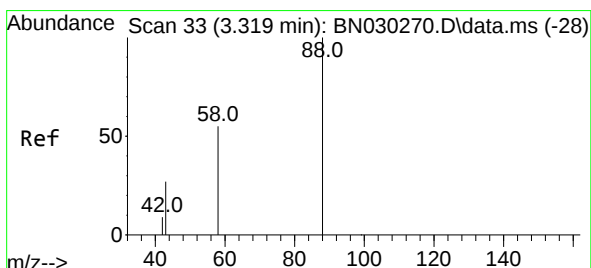
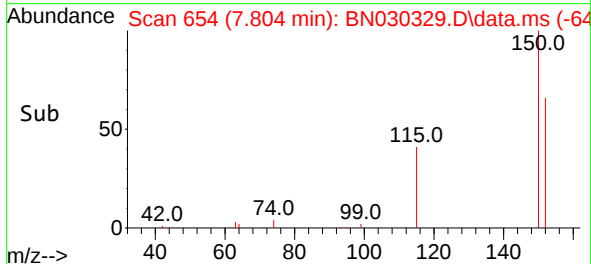
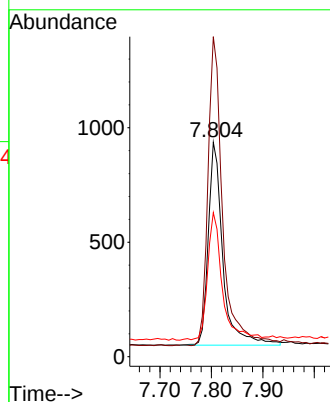
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.804 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN030329.D
 Acq: 07 Mar 2024 16:43

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20240226



Tgt Ion:152 Resp: 1752

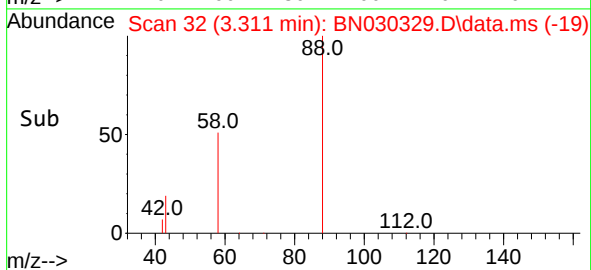
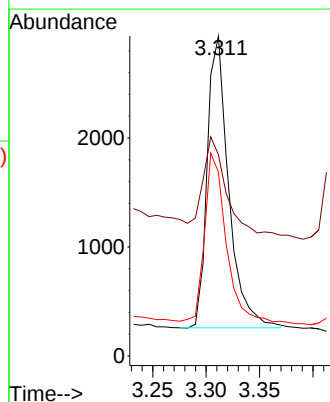
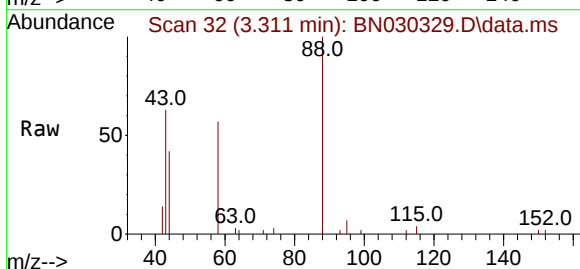
Ion	Ratio	Lower	Upper
152	100		
150	149.2	119.4	179.0
115	67.1	56.9	85.3

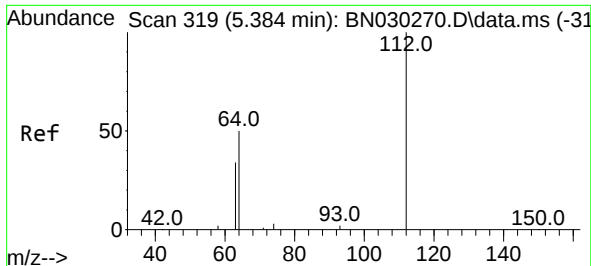


#2
 1,4-Dioxane
 Concen: 1.645 ng
 RT: 3.311 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030329.D
 Acq: 07 Mar 2024 16:43

Tgt Ion: 88 Resp: 3739

Ion	Ratio	Lower	Upper
88	100		
43	36.4	23.8	35.8#
58	56.9	46.2	69.4

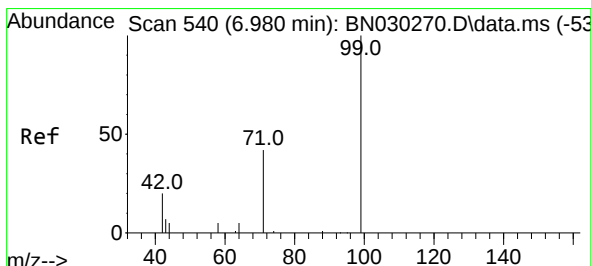
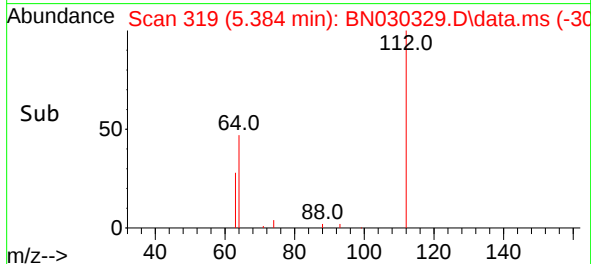
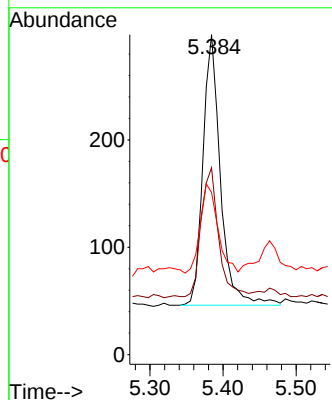
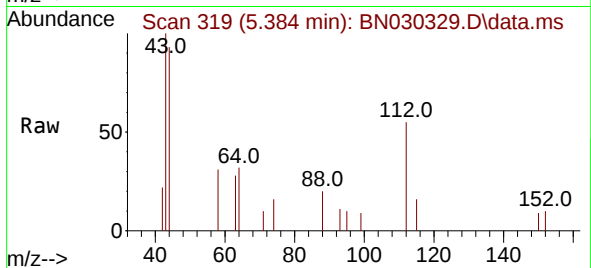




#4
2-Fluorophenol
Concen: 0.091 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

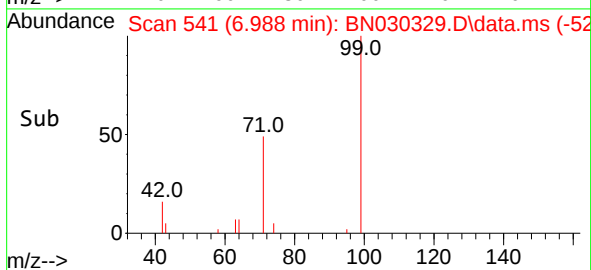
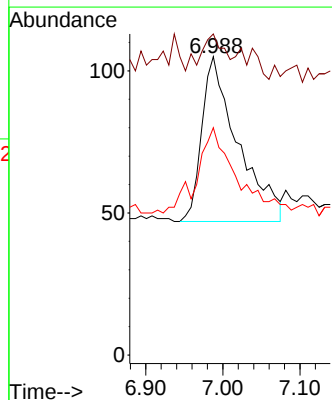
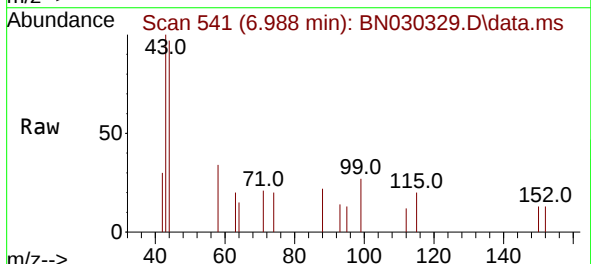
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240226

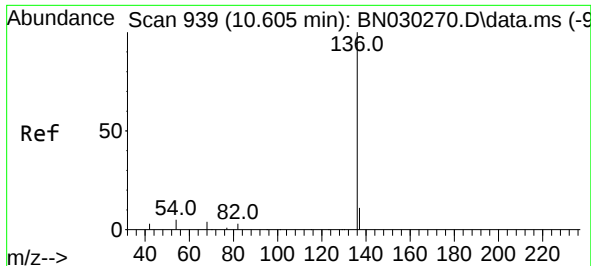
Tgt Ion:112 Resp: 419
Ion Ratio Lower Upper
112 100
64 48.9 41.8 62.8
63 32.7 27.1 40.7



#5
Phenol-d6
Concen: 0.039 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.007 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

Tgt Ion: 99 Resp: 189
Ion Ratio Lower Upper
99 100
42 14.8 19.0 28.6#
71 55.0 36.0 54.0#

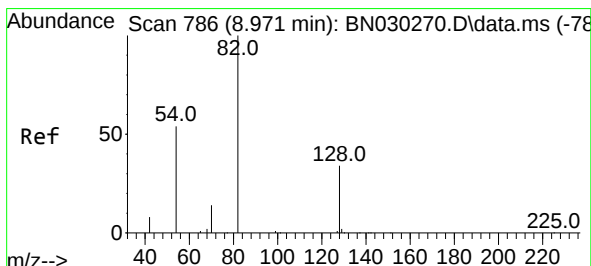
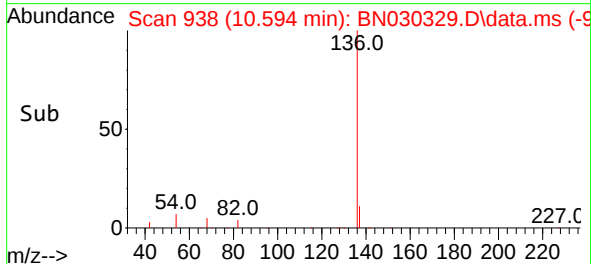
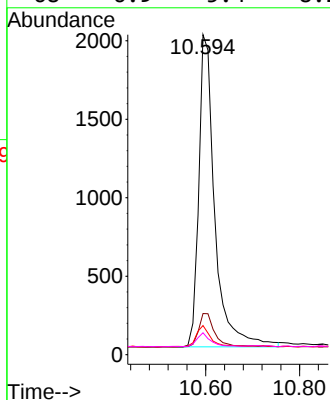
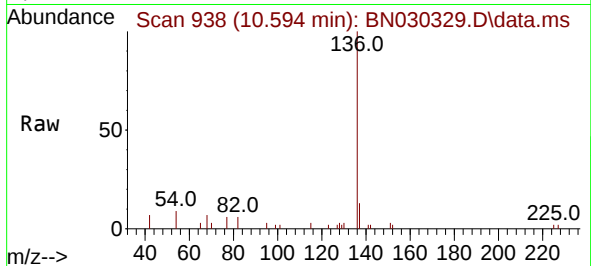




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.594 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

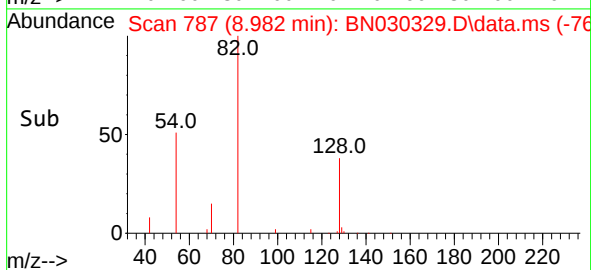
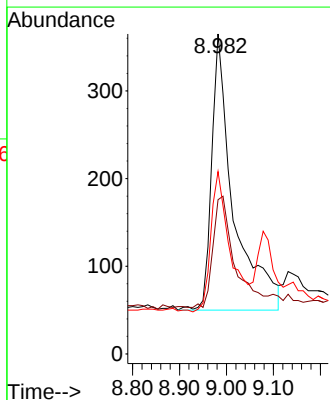
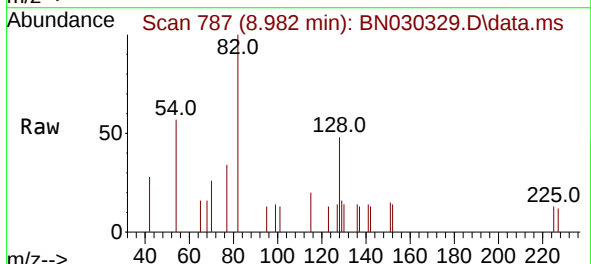
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240226

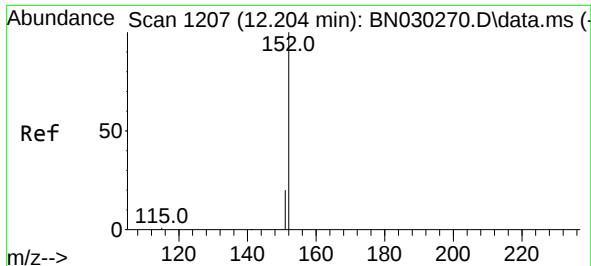
Tgt Ion:136	Resp:	4719
Ion	Ratio	Lower Upper
136	100	
137	12.8	10.5 15.7
54	9.1	6.4 9.6
68	6.9	5.4 8.2



#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.011 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

Tgt Ion: 82	Resp:	1019
Ion	Ratio	Lower Upper
82	100	
128	48.2	32.2 48.2
54	57.0	47.3 70.9

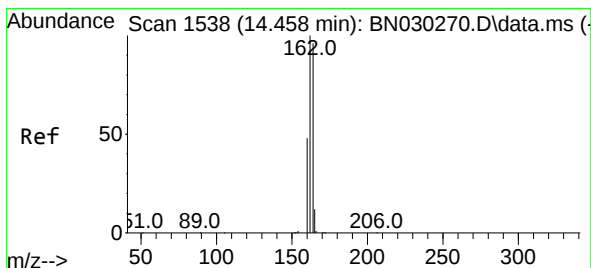
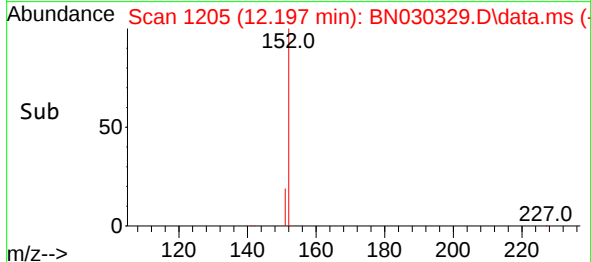
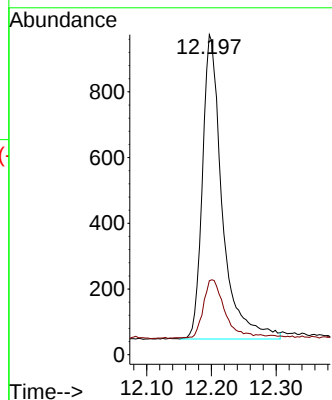
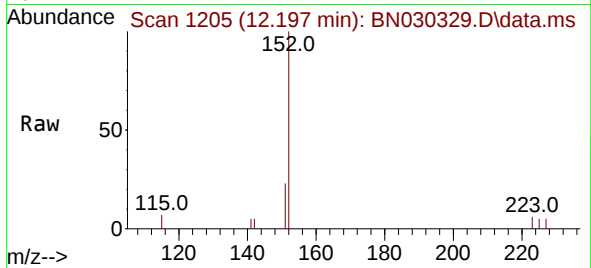




#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.197 min Scan# 1205
Delta R.T. -0.008 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

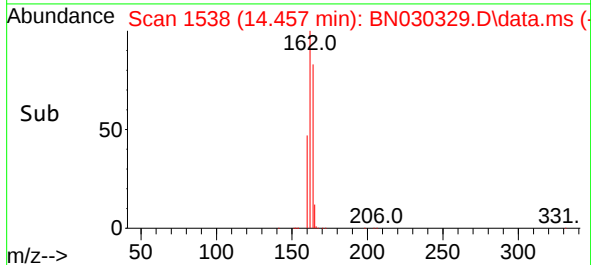
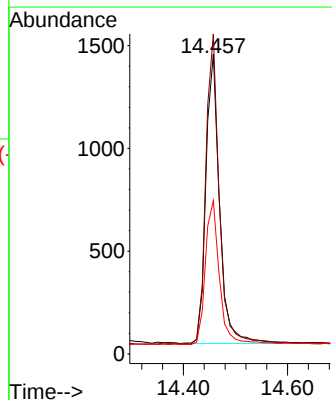
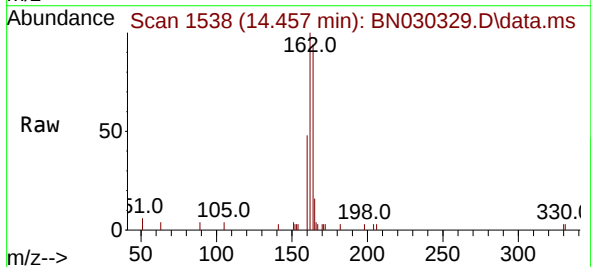
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240226

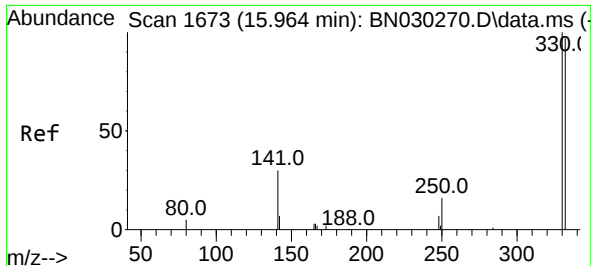
Tgt Ion:152 Resp: 1975
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.457 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

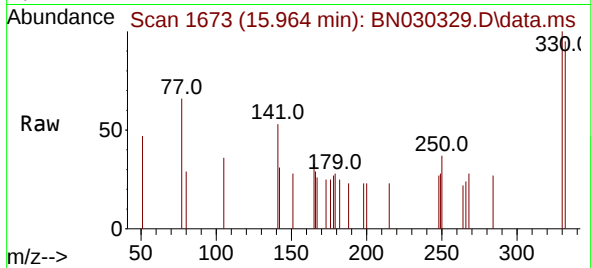
Tgt Ion:164 Resp: 2578
Ion Ratio Lower Upper
164 100
162 106.7 83.4 125.2
160 51.1 41.7 62.5



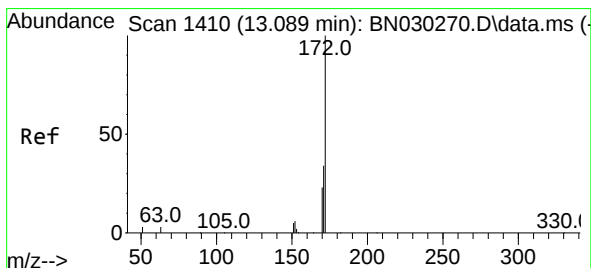
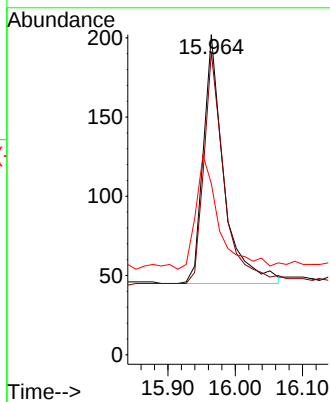
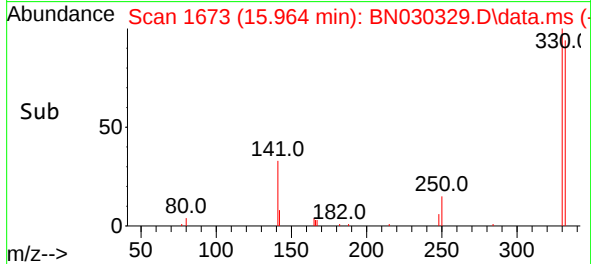


#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.964 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

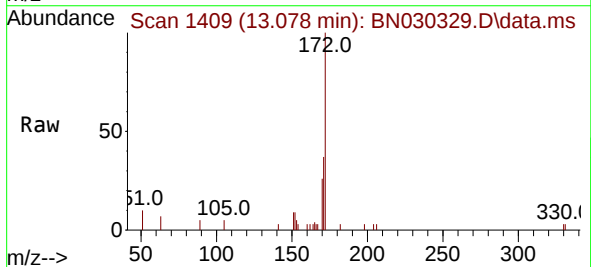
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240226



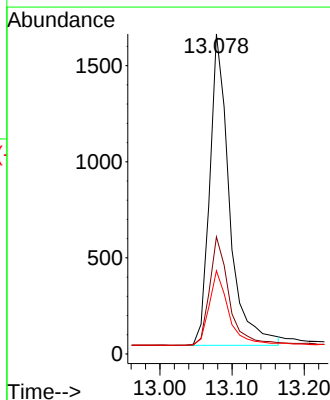
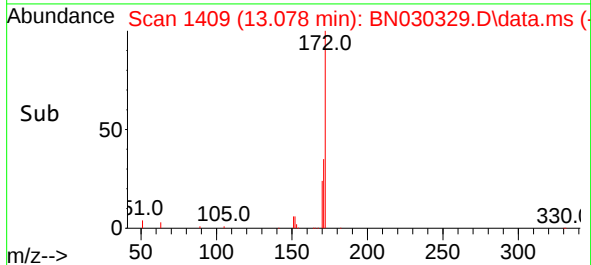
Tgt Ion:330 Resp: 333
Ion Ratio Lower Upper
330 100
332 91.0 72.6 108.8
141 51.4 41.3 61.9

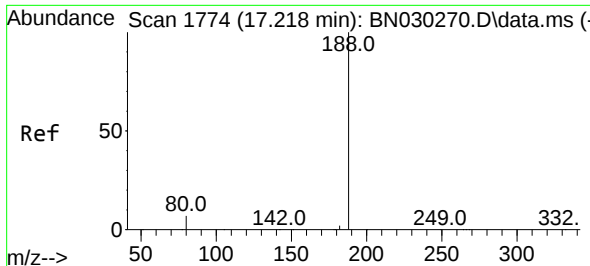


#15
2-Fluorobiphenyl
Concen: 0.288 ng
RT: 13.078 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43



Tgt Ion:172 Resp: 3079
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 26.0 20.2 30.2

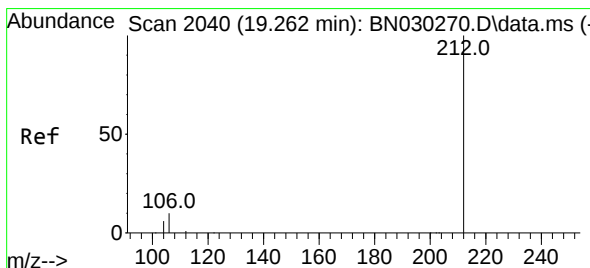
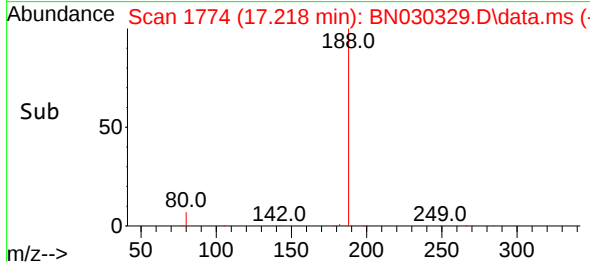
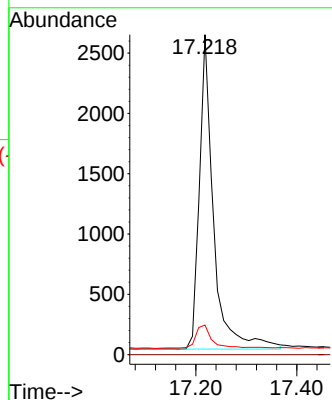
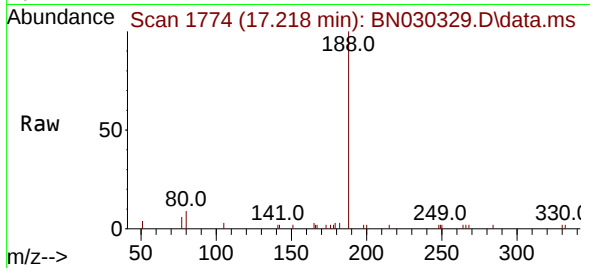




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

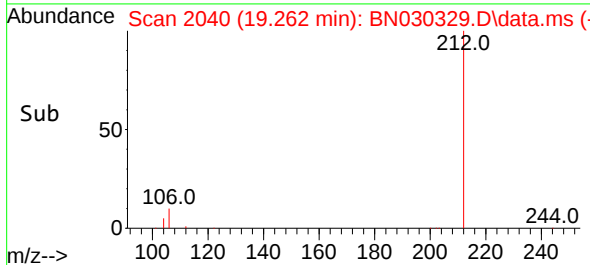
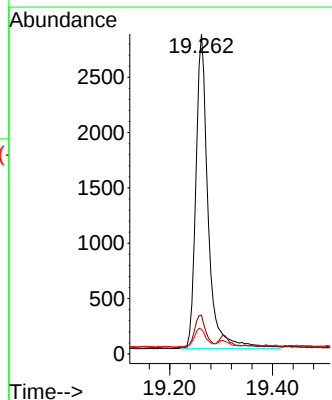
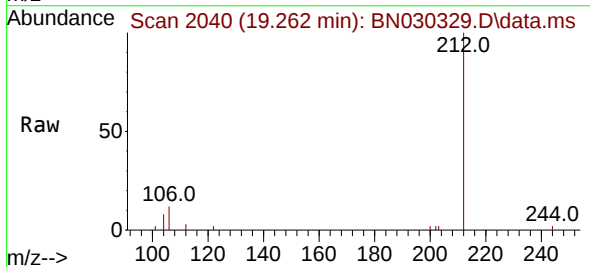
Instrument :
BNA_N
ClientSampleId :
RE125D3-20240226

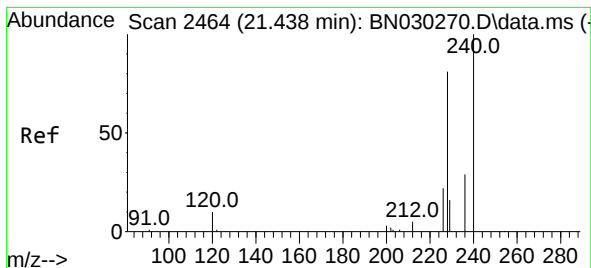
Tgt Ion:188 Resp: 5077
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.2 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.262 min Scan# 2040
Delta R.T. -0.000 min
Lab File: BN030329.D
Acq: 07 Mar 2024 16:43

Tgt Ion:212 Resp: 4714
Ion Ratio Lower Upper
212 100
106 9.8 8.2 12.4
104 6.0 4.7 7.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.000 min

Lab File: BN030329.D

Acq: 07 Mar 2024 16:43

Instrument :

BNA_N

ClientSampleId :

RE125D3-20240226

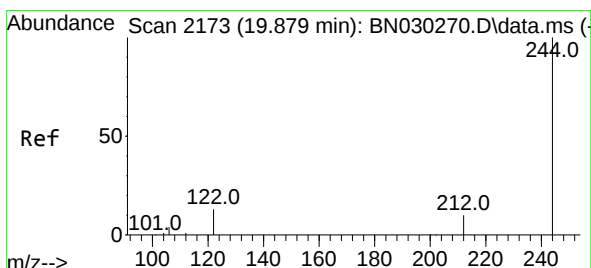
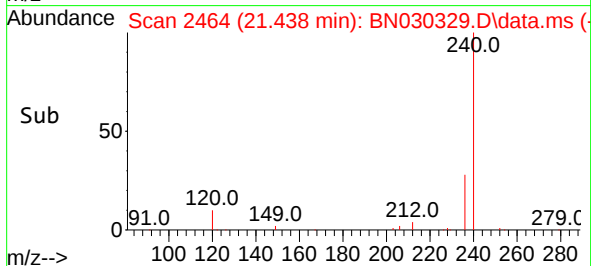
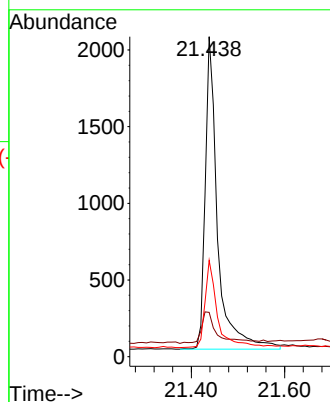
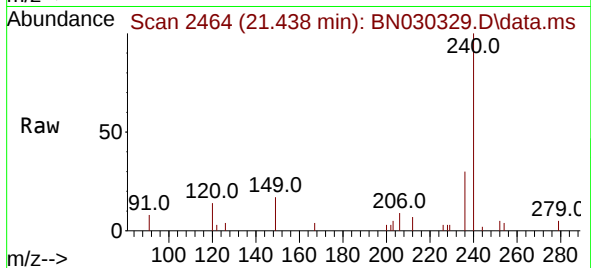
Tgt Ion:240 Resp: 3759

Ion Ratio Lower Upper

240 100

120 13.8 12.2 18.2

236 30.1 25.2 37.8



#31

Terphenyl-d14

Concen: 0.440 ng

RT: 19.870 min Scan# 2171

Delta R.T. -0.009 min

Lab File: BN030329.D

Acq: 07 Mar 2024 16:43

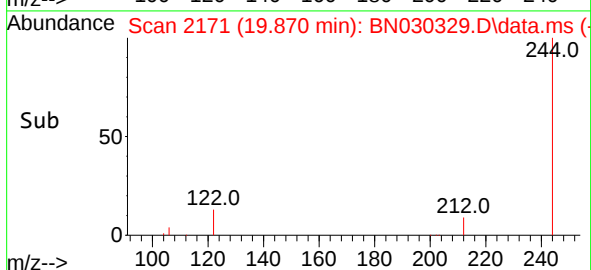
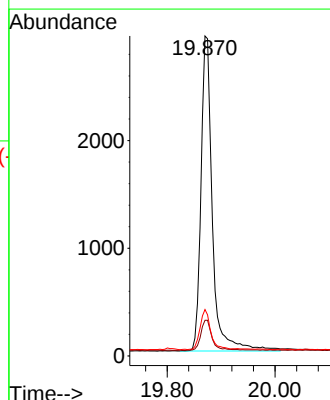
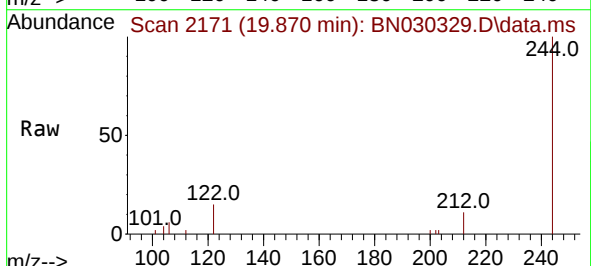
Tgt Ion:244 Resp: 4292

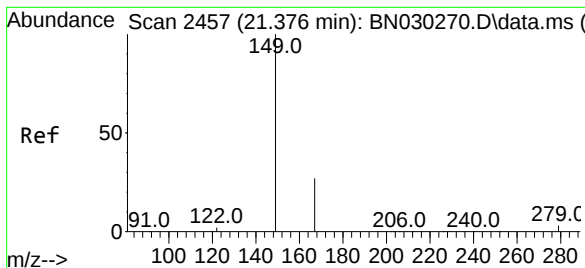
Ion Ratio Lower Upper

244 100

212 11.2 9.5 14.3

122 14.5 11.8 17.6

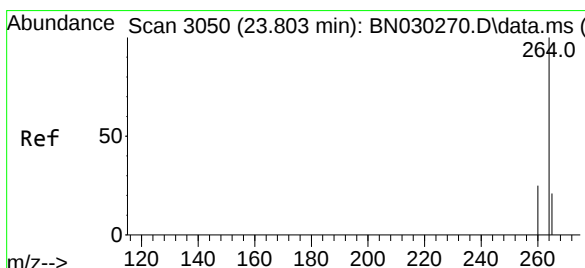
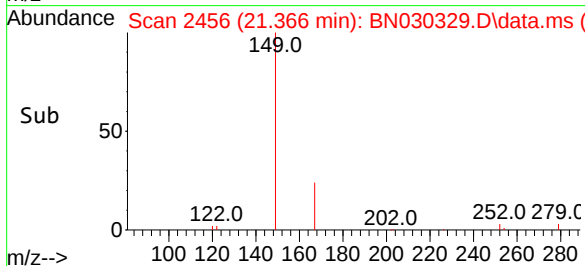
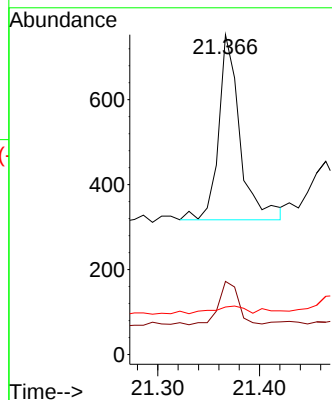
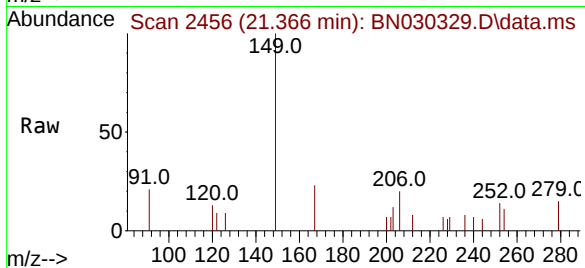




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.061 ng
 RT: 21.366 min Scan# 2456
 Delta R.T. -0.009 min
 Lab File: BN030329.D
 Acq: 07 Mar 2024 16:43

Instrument :
 BNA_N
 ClientSampleId :
 RE125D3-20240226

Tgt Ion:149 Resp: 639
 Ion Ratio Lower Upper
 149 100
 167 21.6 20.6 30.8
 279 7.4 4.0 6.0#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.797 min Scan# 3048
 Delta R.T. -0.006 min
 Lab File: BN030329.D
 Acq: 07 Mar 2024 16:43

Tgt Ion:264 Resp: 3993
 Ion Ratio Lower Upper
 264 100
 260 26.7 21.7 32.5
 265 63.1 50.8 76.2

