

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
 Data File : BN030300.D
 Acq On : 06 Mar 2024 19:35
 Operator : MA/JU
 Sample : P1590-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20240222

Quant Time: Mar 06 23:09:55 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)

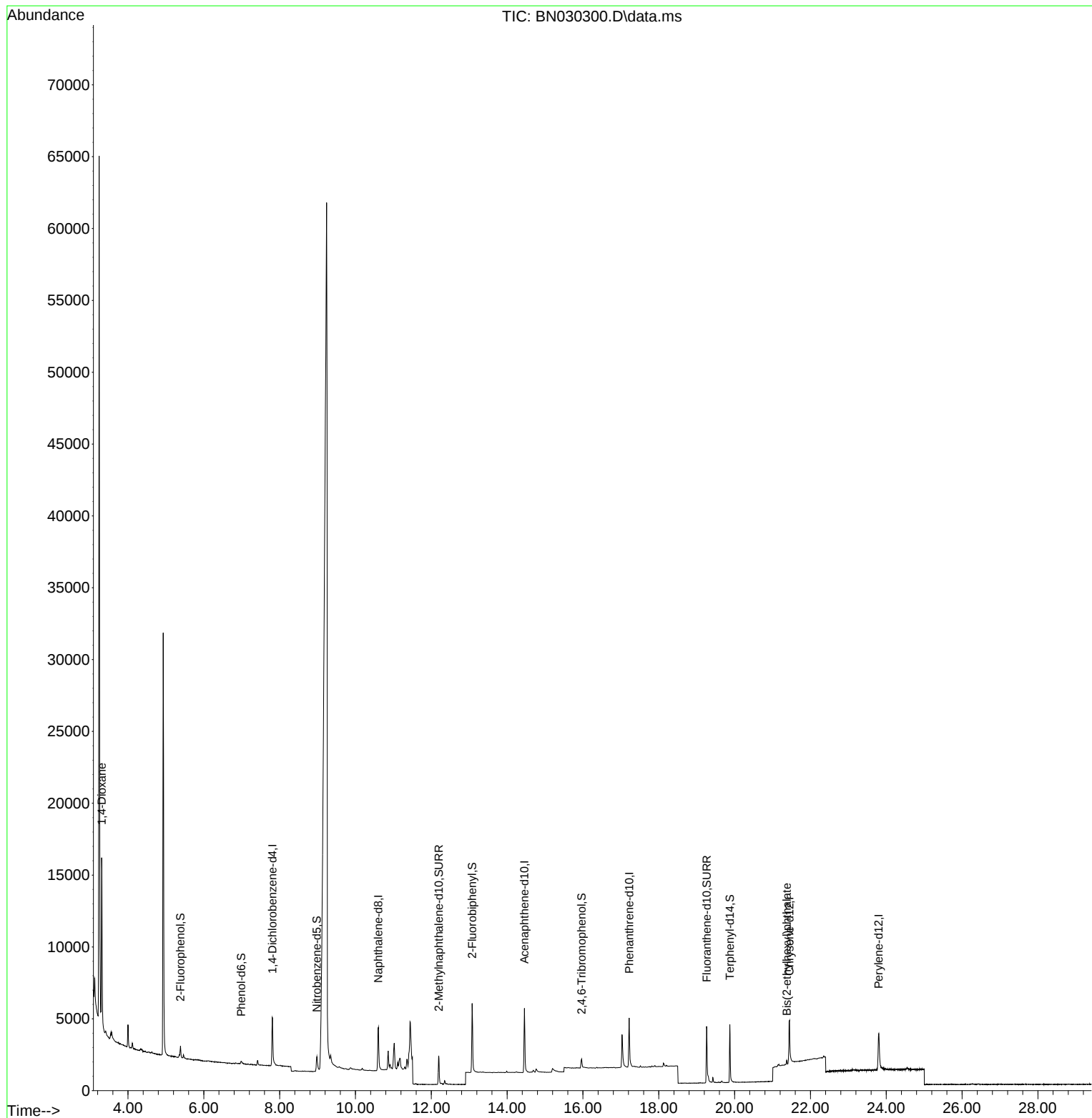
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	2019	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5352	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	2858	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	5665	0.400	ng	0.00
29) Chrysene-d12	21.447	240	4250	0.400	ng	# 0.00
35) Perylene-d12	23.803	264	4594	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	674	0.127	ng	0.00
5) Phenol-d6	6.988	99	324	0.058	ng	0.00
8) Nitrobenzene-d5	8.982	82	1308	0.268	ng	0.01
11) 2-Methylnaphthalene-d10	12.197	152	2963	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.965	330	442	0.301	ng	0.00
15) 2-Fluorobiphenyl	13.079	172	4558	0.384	ng	-0.01
27) Fluoranthene-d10	19.262	212	5474	0.352	ng	0.00
31) Terphenyl-d14	19.875	244	4462	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	7826	2.988	ng	96
34) Bis(2-ethylhexyl)phtha...	21.376	149	399	0.034	ng	# 95

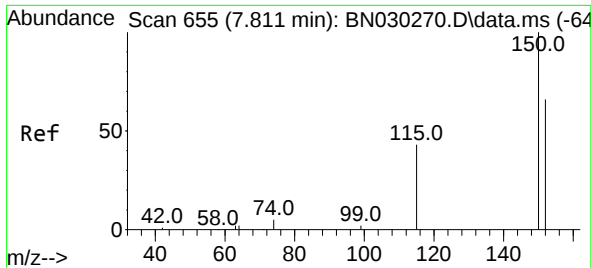
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

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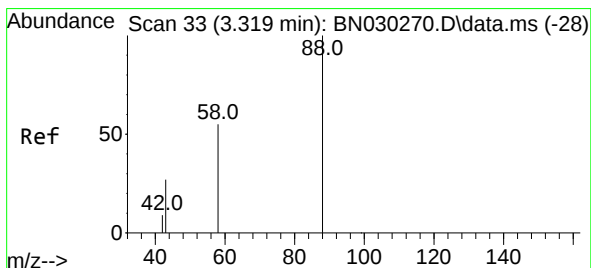
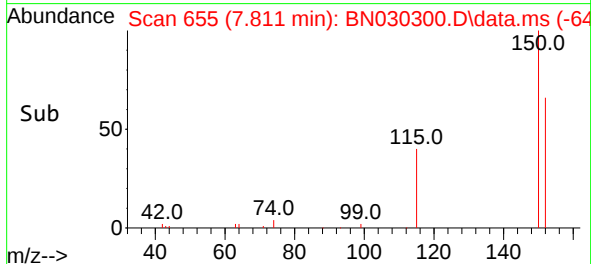
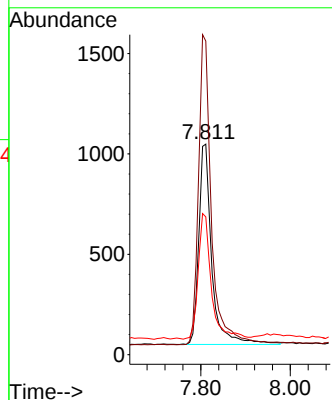
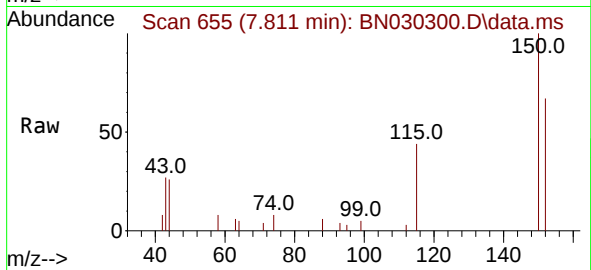




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.811 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN030300.D
 Acq: 06 Mar 2024 19:35

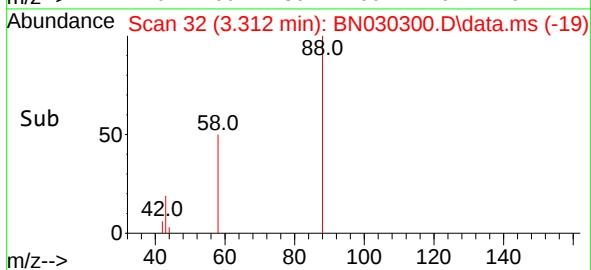
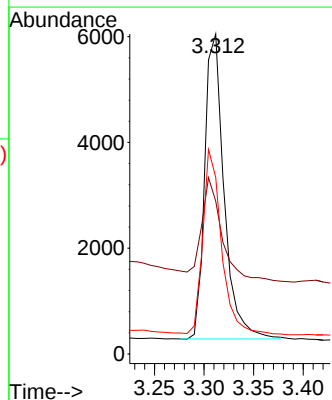
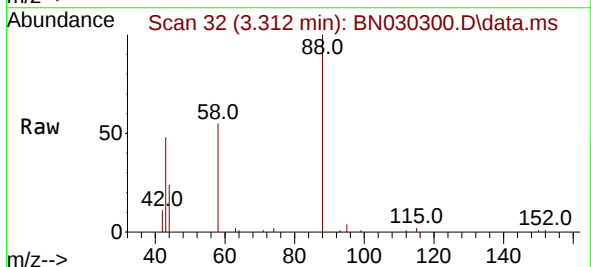
Instrument :
 BNA_N
 ClientSampleId :
 RE114D2-20240222

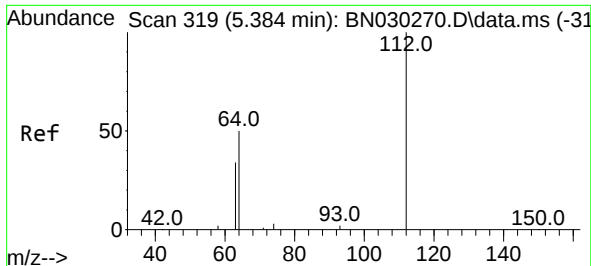
Tgt Ion: 152 Resp: 2019
 Ion Ratio Lower Upper
 152 100
 150 148.9 119.4 179.0
 115 65.4 56.9 85.3



#2
 1,4-Dioxane
 Concen: 2.988 ng
 RT: 3.312 min Scan# 32
 Delta R.T. -0.007 min
 Lab File: BN030300.D
 Acq: 06 Mar 2024 19:35

Tgt Ion: 88 Resp: 7826
 Ion Ratio Lower Upper
 88 100
 43 35.3 23.8 35.8
 58 58.0 46.2 69.4





#4

2-Fluorophenol

Concen: 0.127 ng

RT: 5.384 min Scan# 319

Delta R.T. 0.000 min

Lab File: BN030300.D

Acq: 06 Mar 2024 19:35

Instrument :

BNA_N

ClientSampleId :

RE114D2-20240222

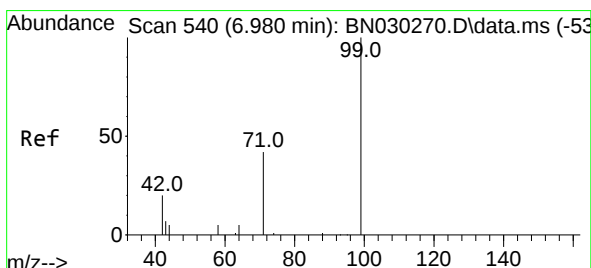
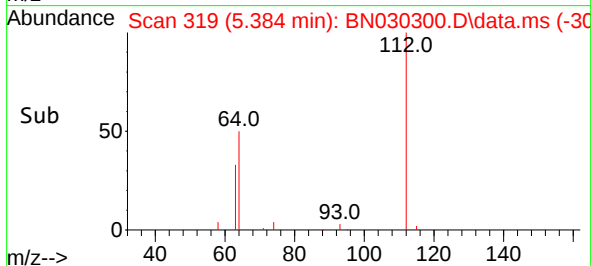
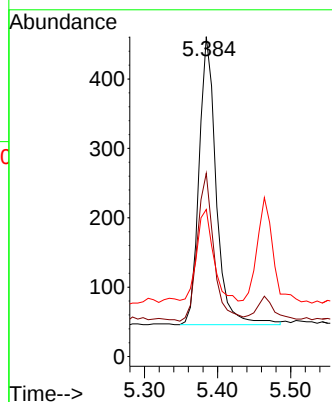
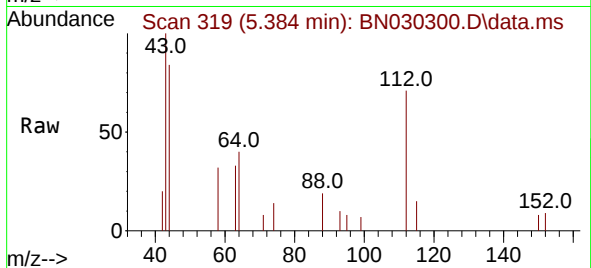
Tgt Ion:112 Resp: 674

Ion Ratio Lower Upper

112 100

64 49.7 41.8 62.8

63 31.2 27.1 40.7



#5

Phenol-d6

Concen: 0.058 ng

RT: 6.988 min Scan# 541

Delta R.T. 0.007 min

Lab File: BN030300.D

Acq: 06 Mar 2024 19:35

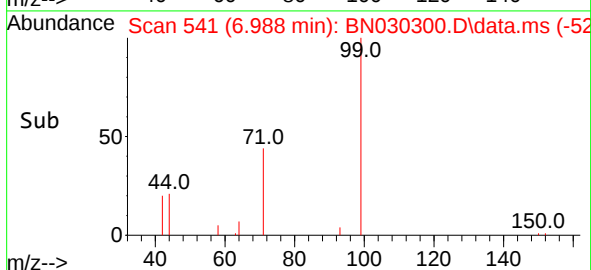
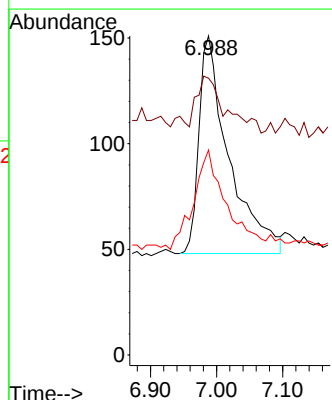
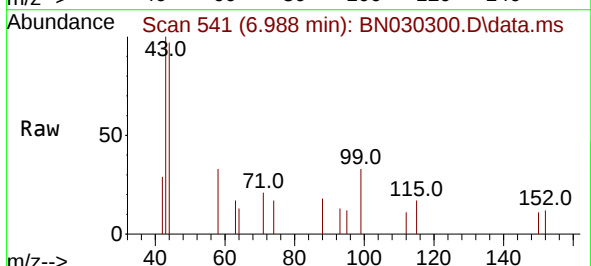
Tgt Ion: 99 Resp: 324

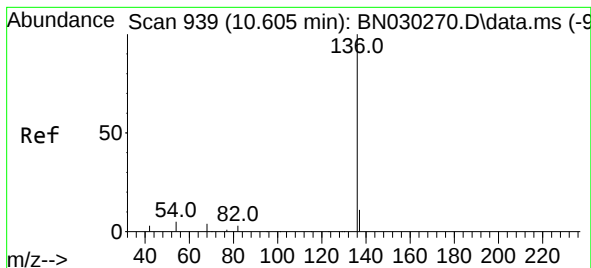
Ion Ratio Lower Upper

99 100

42 24.4 19.0 28.6

71 47.2 36.0 54.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.605 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN030300.D

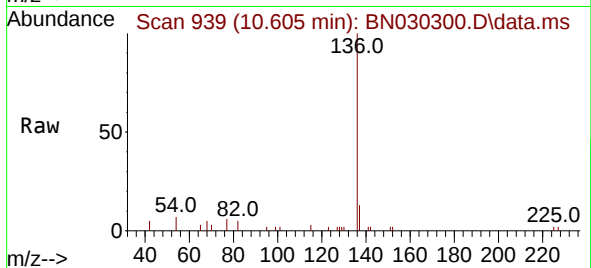
Acq: 06 Mar 2024 19:35

Instrument :

BNA_N

ClientSampleId :

RE114D2-20240222



Tgt Ion:136 Resp: 5352

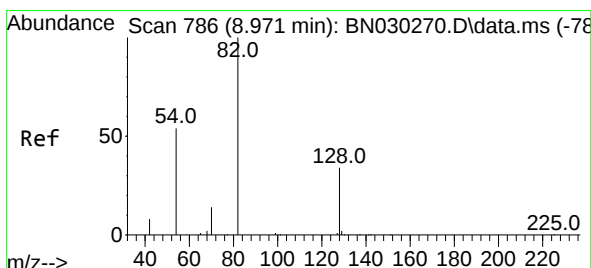
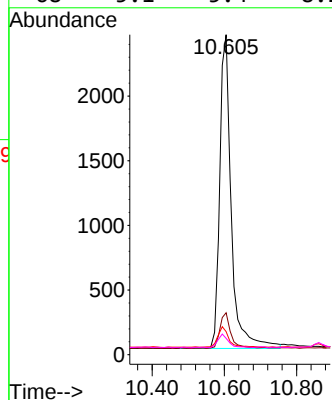
Ion Ratio Lower Upper

136 100

137 13.1 10.5 15.7

54 7.2 6.4 9.6

68 5.1 5.4 8.2#



#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 8.982 min Scan# 787

Delta R.T. 0.011 min

Lab File: BN030300.D

Acq: 06 Mar 2024 19:35

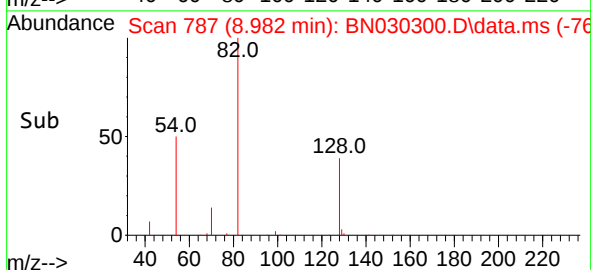
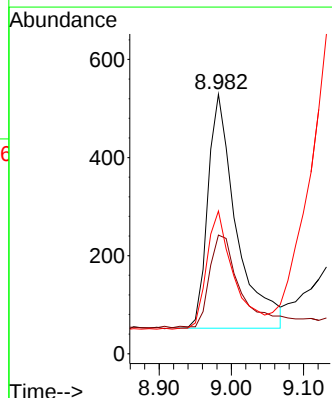
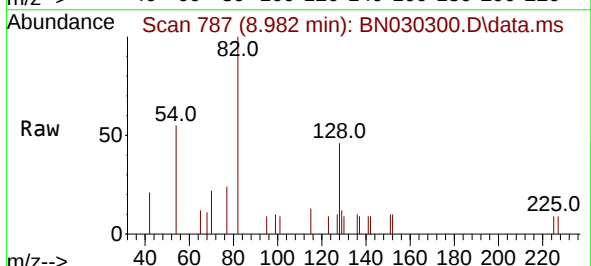
Tgt Ion: 82 Resp: 1308

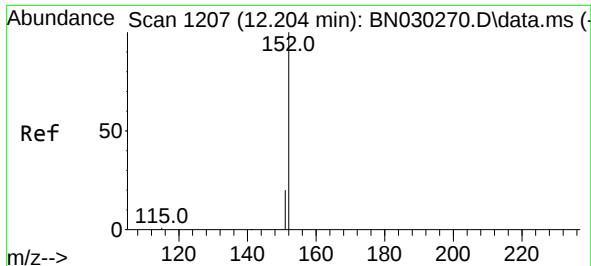
Ion Ratio Lower Upper

82 100

128 45.7 32.2 48.2

54 55.0 47.3 70.9

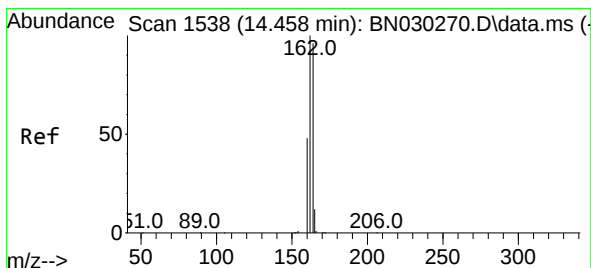
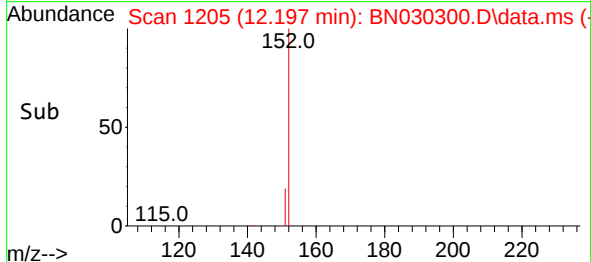
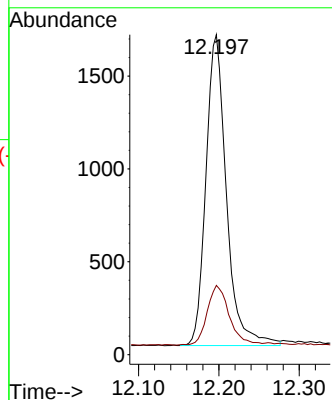
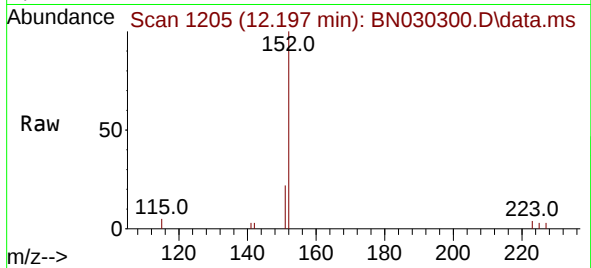




#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 12.197 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

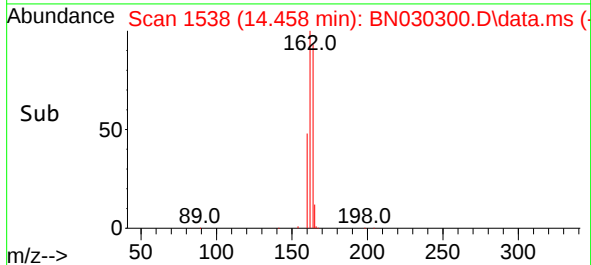
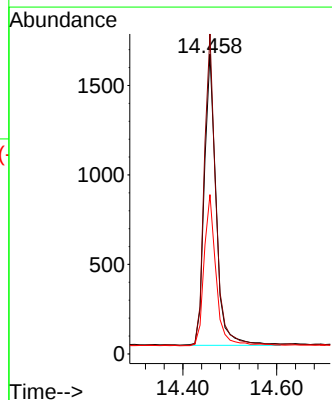
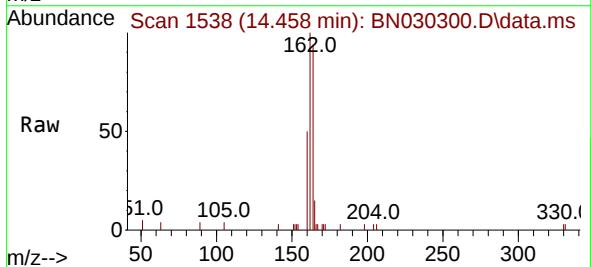
Instrument :
BNA_N
ClientSampleId :
RE114D2-20240222

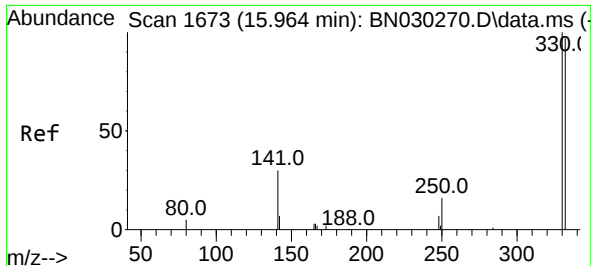
Tgt Ion:152 Resp: 2963
Ion Ratio Lower Upper
152 100
151 20.8 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

Tgt Ion:164 Resp: 2858
Ion Ratio Lower Upper
164 100
162 106.7 83.4 125.2
160 53.1 41.7 62.5

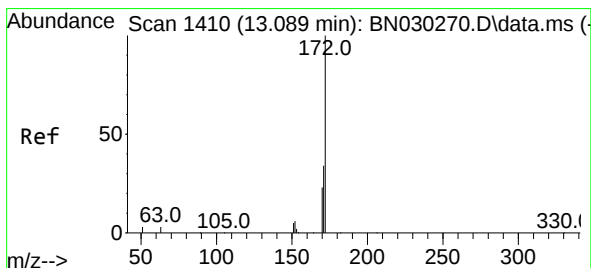
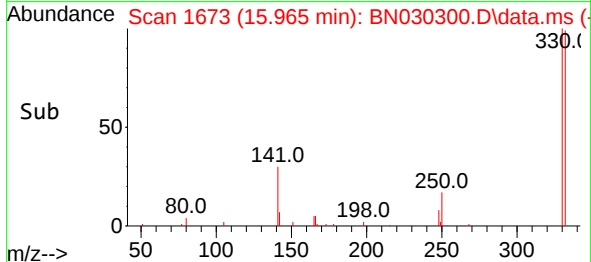
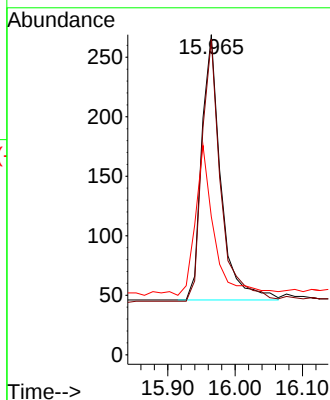
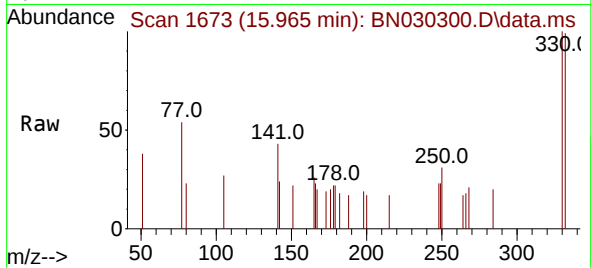




#14
2,4,6-Tribromophenol
Concen: 0.301 ng
RT: 15.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

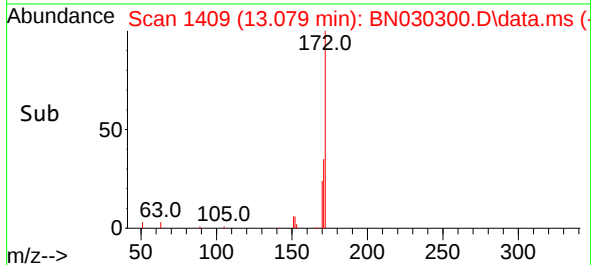
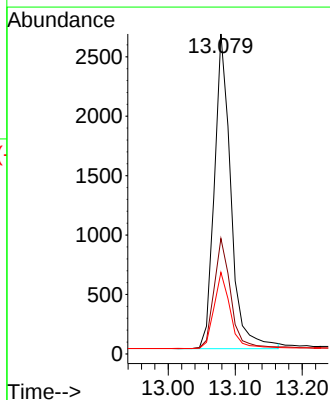
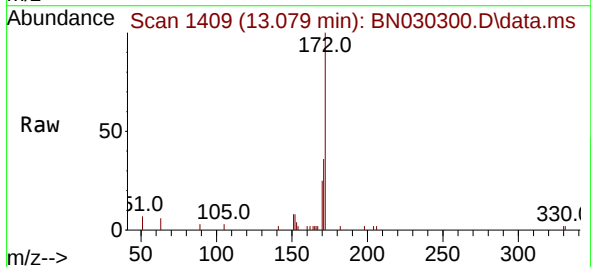
Instrument :
BNA_N
ClientSampleId :
RE114D2-20240222

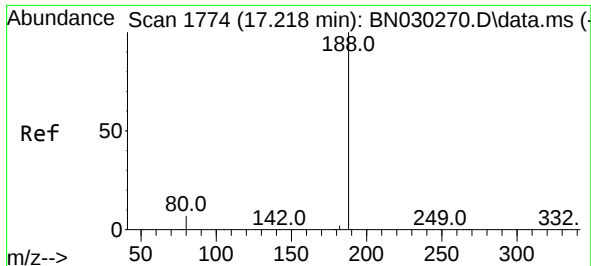
Tgt Ion:	330	Resp:	442
Ion Ratio	Lower	Upper	
330	100		
332	97.3	72.6	108.8
141	51.1	41.3	61.9



#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.079 min Scan# 1409
Delta R.T. -0.011 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

Tgt Ion:	172	Resp:	4558
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.0	43.4
170	25.5	20.2	30.2

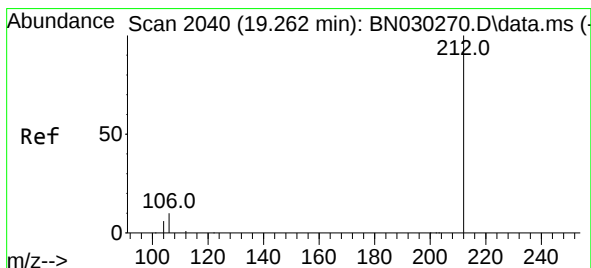
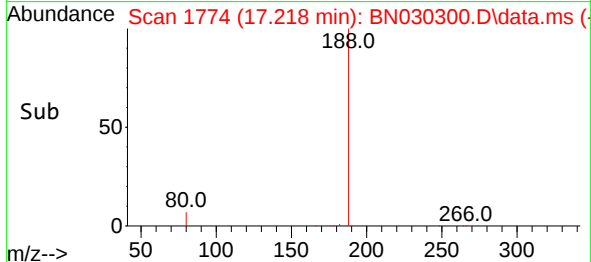
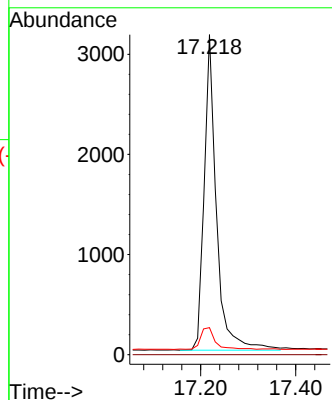
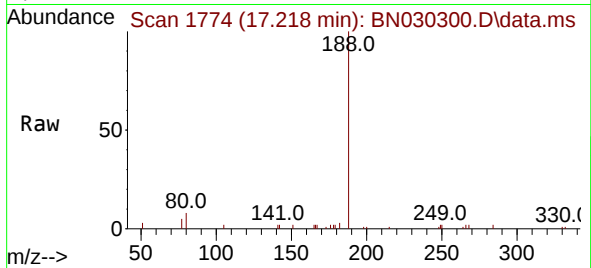




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

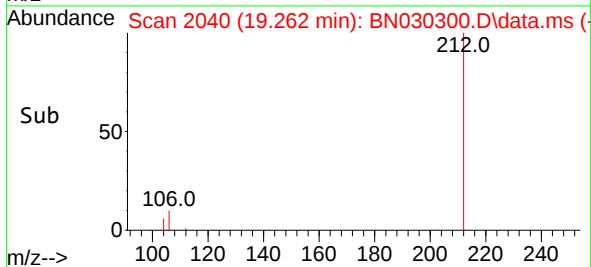
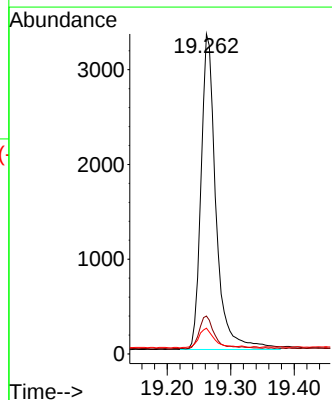
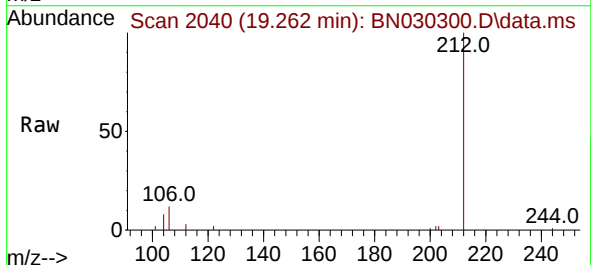
Instrument :
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RE114D2-20240222

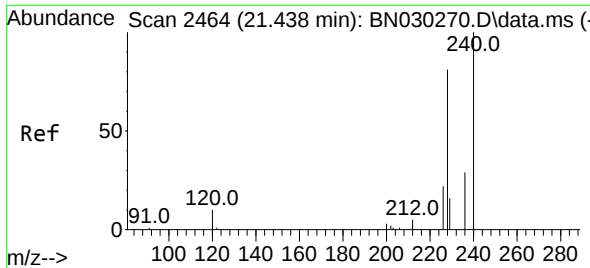
Tgt Ion:188 Resp: 5665
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 7.8 11.6



#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.262 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

Tgt Ion:212 Resp: 5474
Ion Ratio Lower Upper
212 100
106 10.9 8.2 12.4
104 6.4 4.7 7.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.447 min Scan# 2465

Delta R.T. 0.009 min

Lab File: BN030300.D

Acq: 06 Mar 2024 19:35

Instrument :

BNA_N

ClientSampleId :

RE114D2-20240222

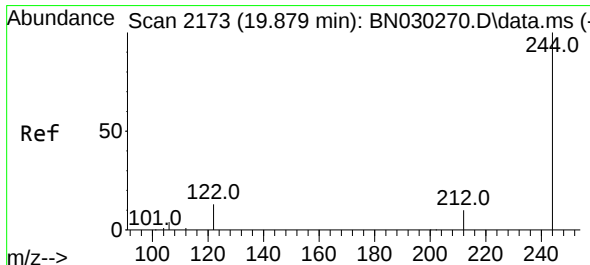
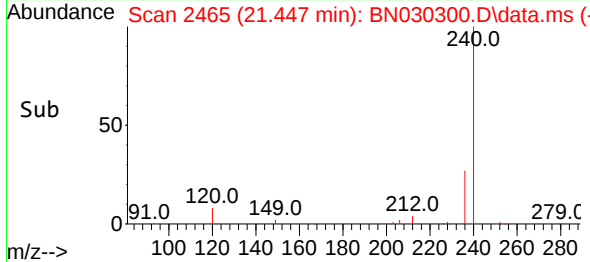
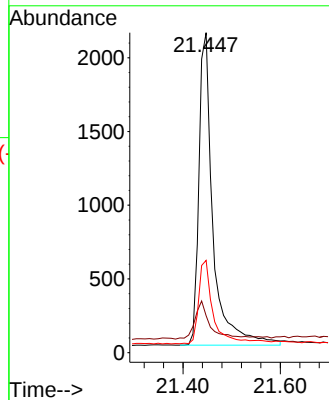
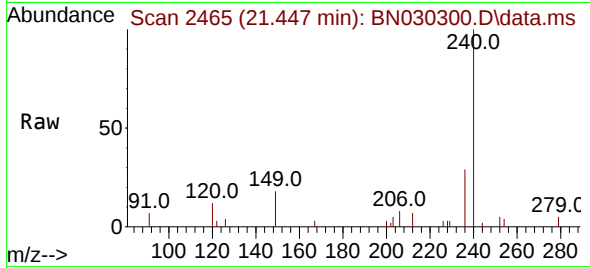
Tgt Ion:240 Resp: 4250

Ion Ratio Lower Upper

240 100

120 11.6 12.2 18.2#

236 28.8 25.2 37.8



#31

Terphenyl-d14

Concen: 0.405 ng

RT: 19.875 min Scan# 2172

Delta R.T. -0.005 min

Lab File: BN030300.D

Acq: 06 Mar 2024 19:35

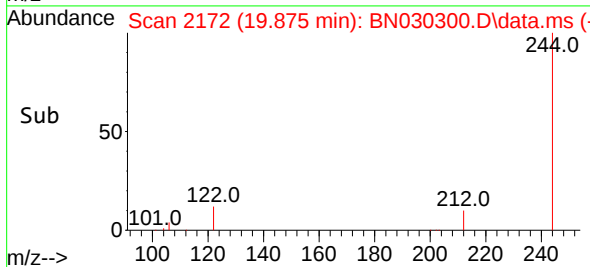
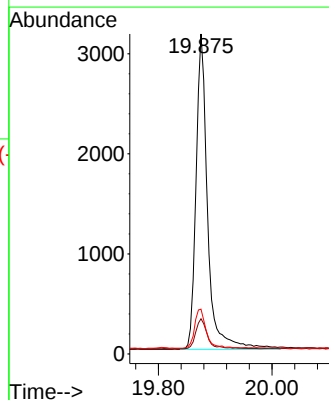
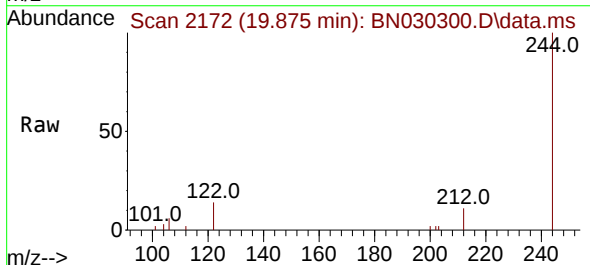
Tgt Ion:244 Resp: 4462

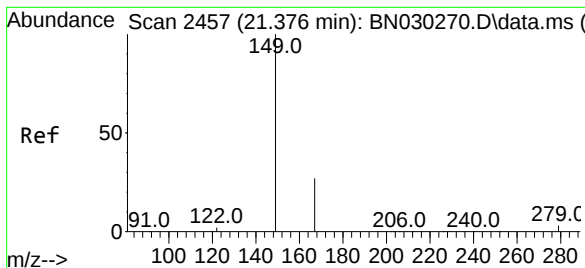
Ion Ratio Lower Upper

244 100

212 11.0 9.5 14.3

122 14.0 11.8 17.6

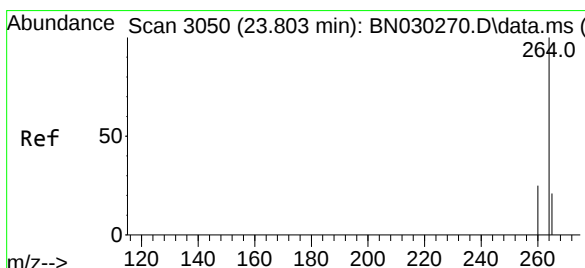
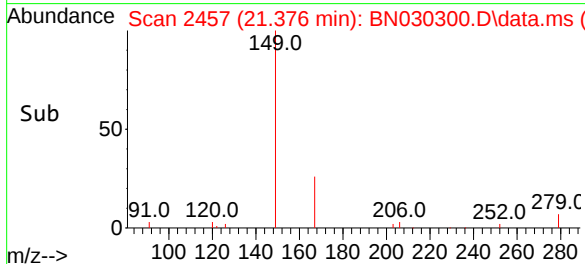
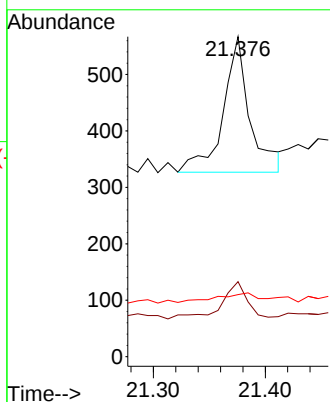
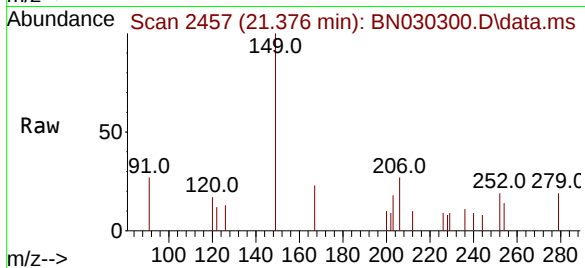




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.034 ng
RT: 21.376 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

Instrument :
BNA_N
ClientSampleId :
RE114D2-20240222

Tgt Ion:149 Resp: 399
Ion Ratio Lower Upper
149 100
167 26.3 20.6 30.8
279 12.8 4.0 6.0#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.803 min Scan# 3050
Delta R.T. 0.000 min
Lab File: BN030300.D
Acq: 06 Mar 2024 19:35

Tgt Ion:264 Resp: 4594
Ion Ratio Lower Upper
264 100
260 26.8 21.7 32.5
265 58.0 50.8 76.2

