

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042524\
 Data File : BN031225.D
 Acq On : 25 Apr 2024 18:19
 Operator : MA/JU
 Sample : PB160394BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB160394BL

Quant Time: Apr 25 23:44:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 25 18:00:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	7727	0.400	ng	0.00
7) Naphthalene-d8	10.410	136	22152	0.400	ng	0.00
13) Acenaphthene-d10	14.274	164	11596	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	23507	0.400	ng	0.00
29) Chrysene-d12	21.229	240	16560	0.400	ng	0.00
35) Perylene-d12	23.446	264	7563	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.234	112	7479	0.434	ng	0.00
5) Phenol-d6	6.808	99	8679	0.416	ng	0.00
8) Nitrobenzene-d5	8.788	82	5790	0.378	ng	0.01
11) 2-Methylnaphthalene-d10	12.005	152	11213	0.329	ng	0.00
14) 2,4,6-Tribromophenol	15.775	330	1746	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.895	172	15545	0.399	ng	0.00
27) Fluoranthene-d10	19.063	212	19341	0.305	ng	0.00
31) Terphenyl-d14	19.672	244	14293	0.372	ng	0.00

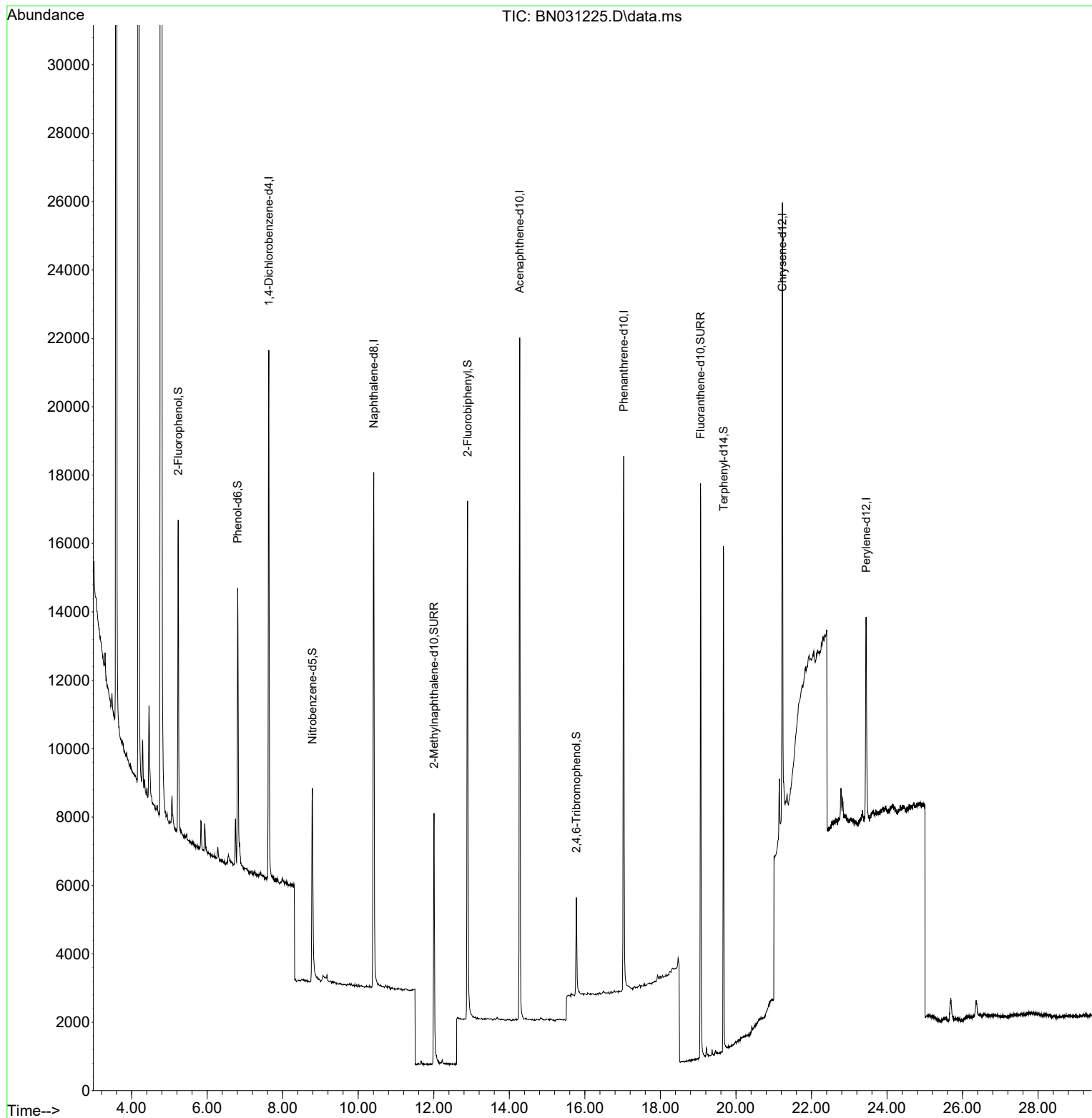
Target Compounds Qvalue

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

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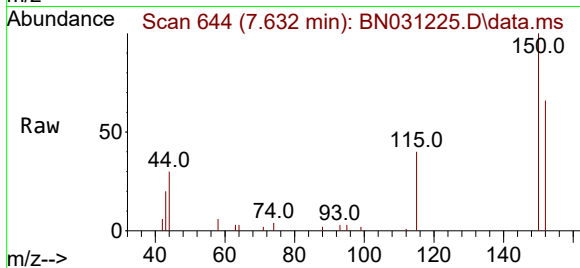
Quant Time: Apr 25 23:44:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



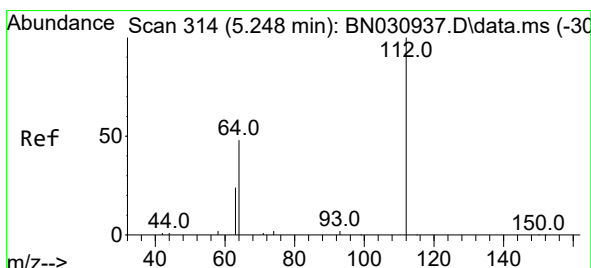
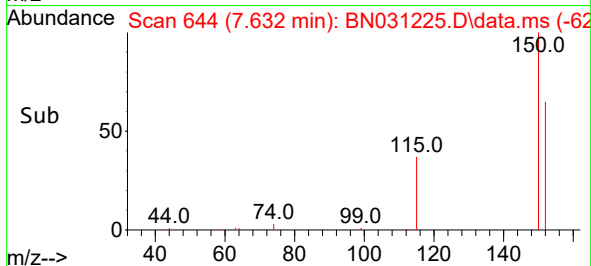
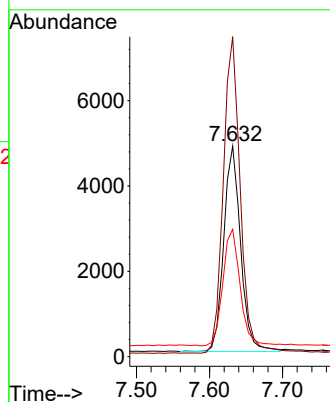


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.632 min Scan# 64
Delta R.T. 0.008 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Instrument :
BNA_N
ClientSampleId :
PB160394BL

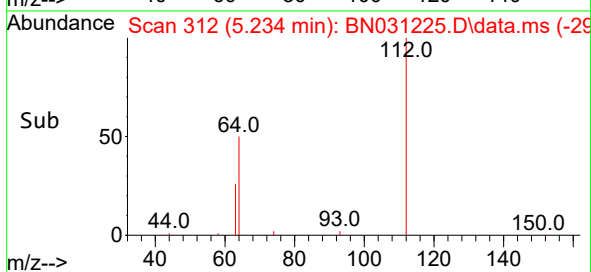
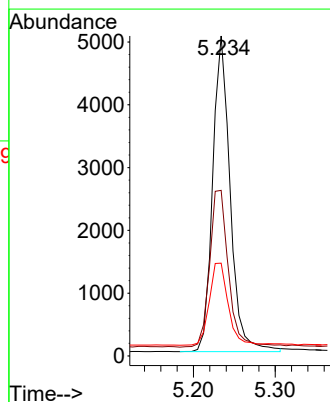
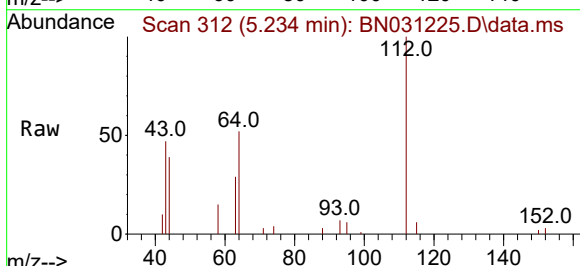


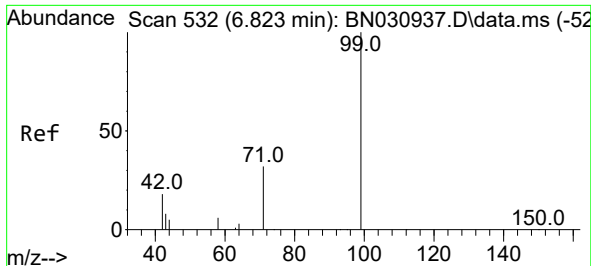
Tgt Ion:152 Resp: 7727
Ion Ratio Lower Upper
152 100
150 152.0 121.7 182.5
115 60.5 47.8 71.8



#4
2-Fluorophenol
Concen: 0.434 ng
RT: 5.234 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion:112 Resp: 7479
Ion Ratio Lower Upper
112 100
64 53.6 43.4 65.2
63 28.1 22.2 33.2

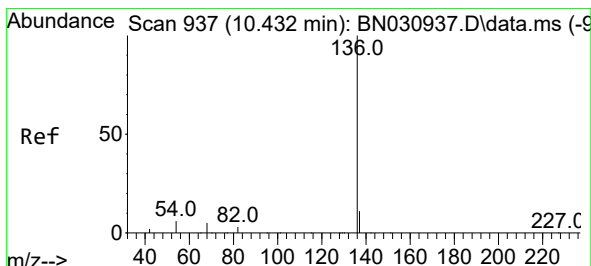
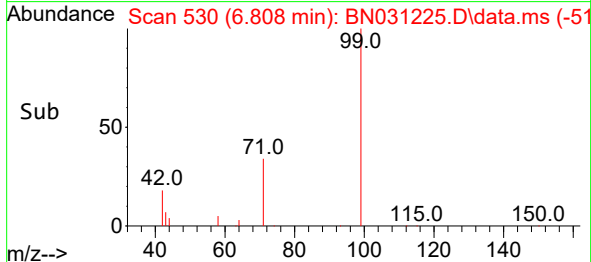
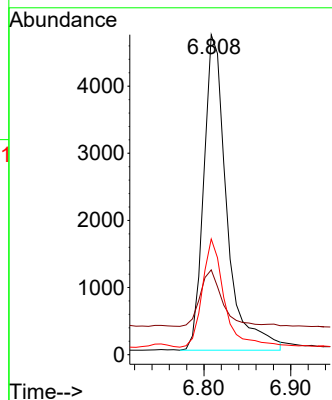
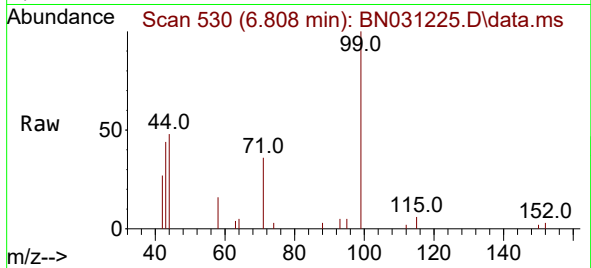




#5
Phenol-d6
Concen: 0.416 ng
RT: 6.808 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

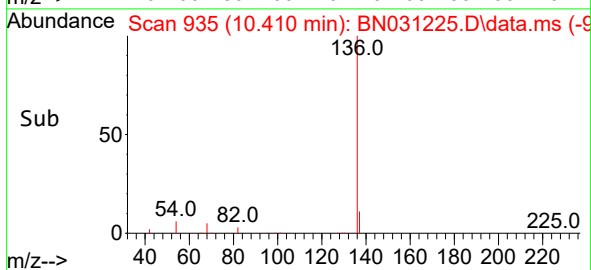
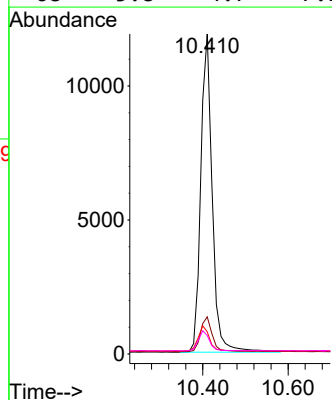
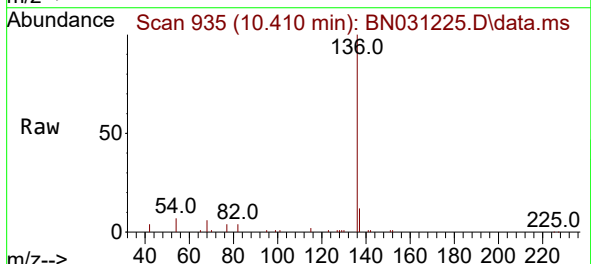
Instrument :
BNA_N
ClientSampleId :
PB160394BL

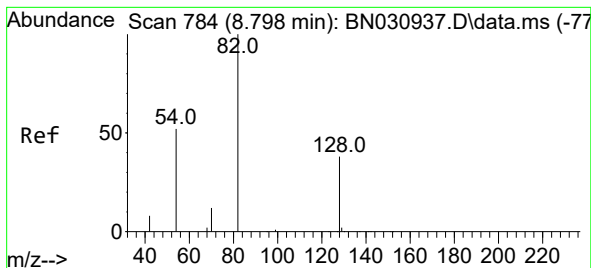
Tgt Ion: 99 Resp: 8679
Ion Ratio Lower Upper
99 100
42 17.4 16.4 24.6
71 32.8 26.3 39.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.410 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion: 136 Resp: 22152
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 6.9 5.3 7.9
68 5.8 4.7 7.1





#8

Nitrobenzene-d5

Concen: 0.378 ng

RT: 8.788 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

Instrument :

BNA_N

ClientSampleId :

PB160394BL

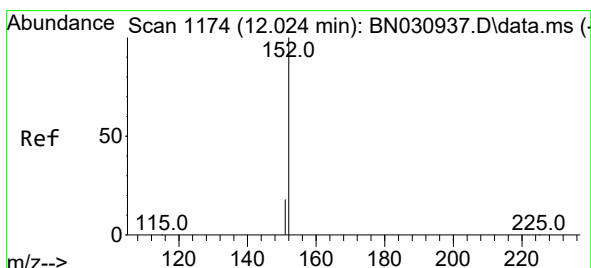
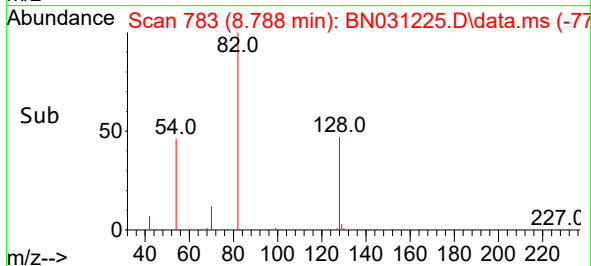
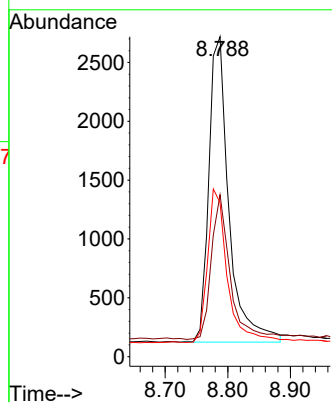
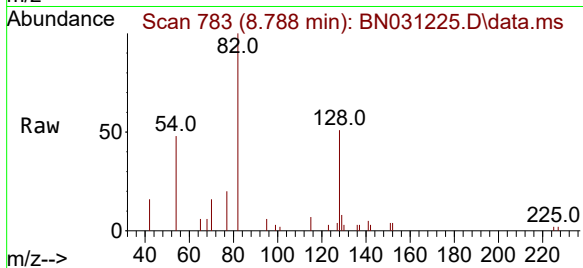
Tgt Ion: 82 Resp: 5790

Ion Ratio Lower Upper

82 100

128 50.6 33.7 50.5#

54 48.1 43.7 65.5



#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.005 min Scan# 1169

Delta R.T. 0.004 min

Lab File: BN031225.D

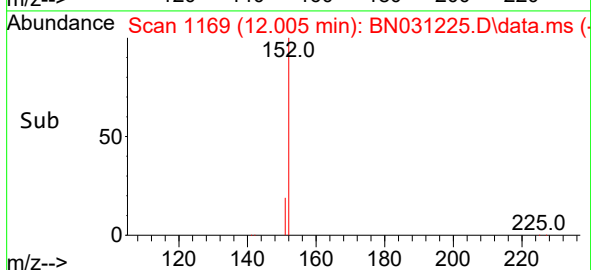
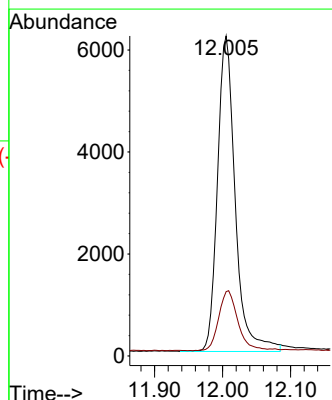
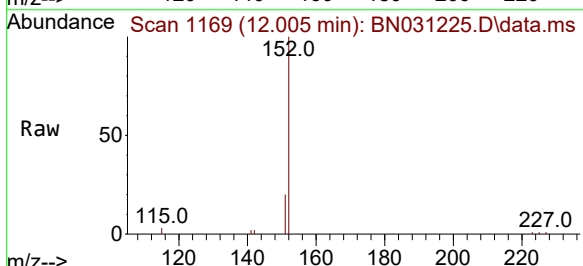
Acq: 25 Apr 2024 18:19

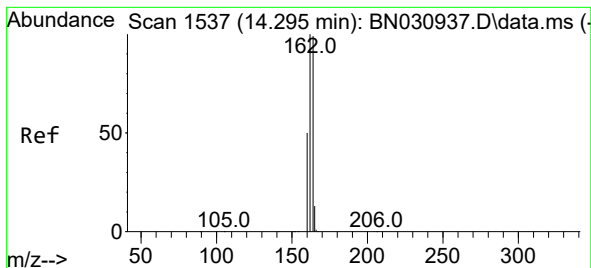
Tgt Ion: 152 Resp: 11213

Ion Ratio Lower Upper

152 100

151 20.5 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.274 min Scan# 14

Delta R.T. -0.000 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

Instrument :

BNA_N

ClientSampleId :

PB160394BL

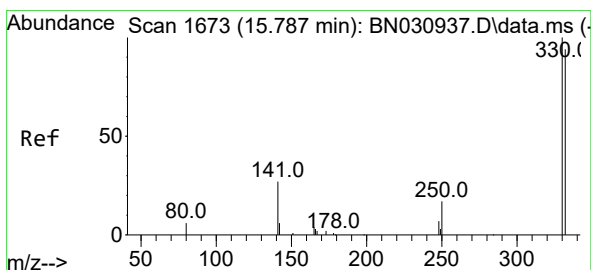
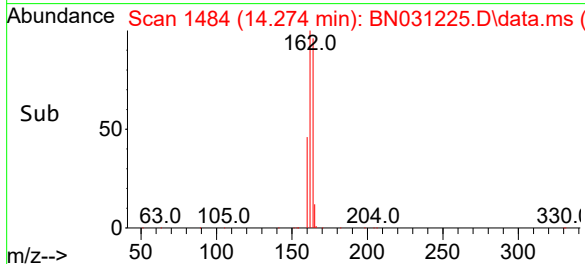
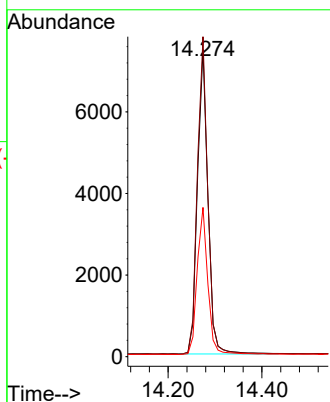
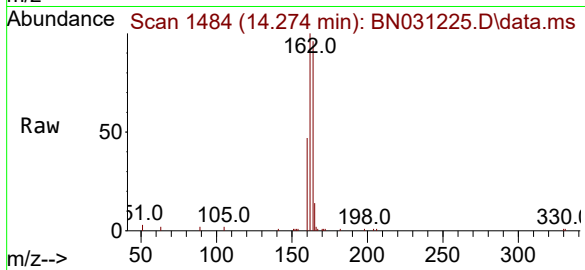
Tgt Ion:164 Resp: 11596

Ion Ratio Lower Upper

164 100

162 104.2 80.6 121.0

160 48.6 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 15.775 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

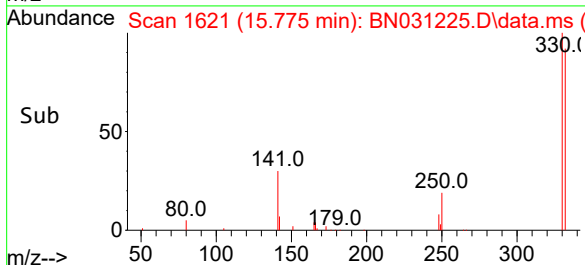
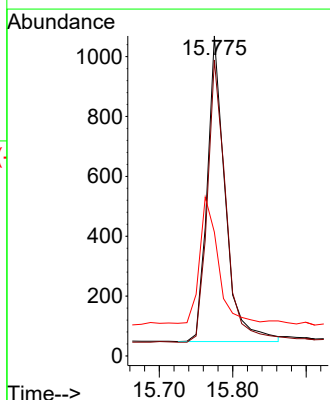
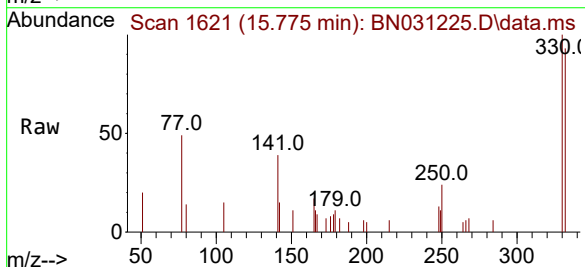
Tgt Ion:330 Resp: 1746

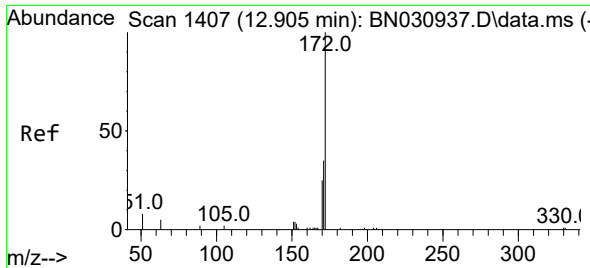
Ion Ratio Lower Upper

330 100

332 95.9 74.2 111.2

141 42.6 37.2 55.8

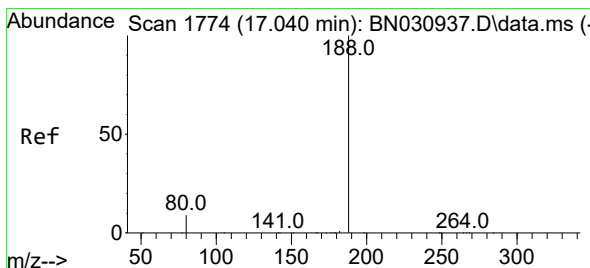
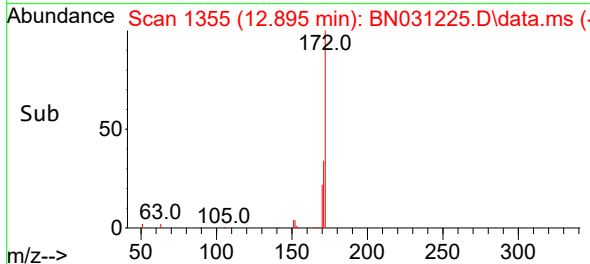
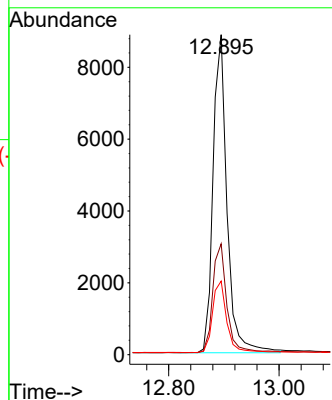
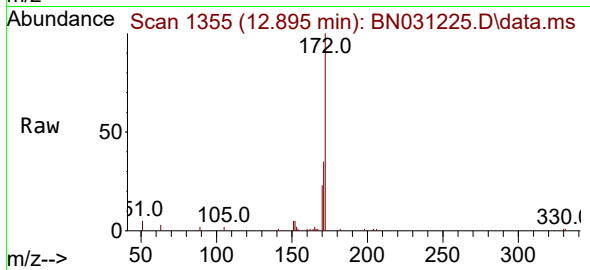




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

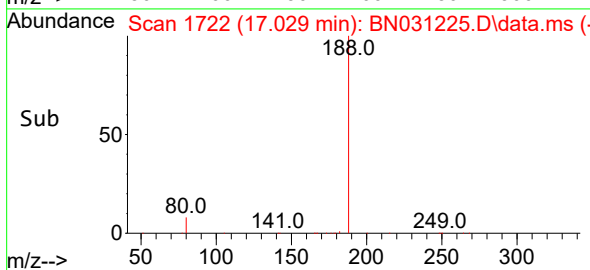
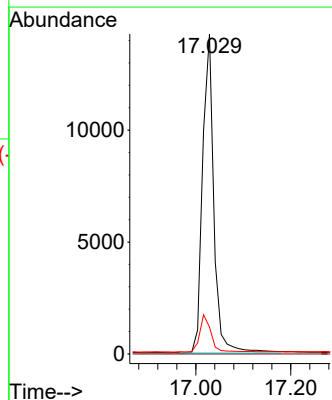
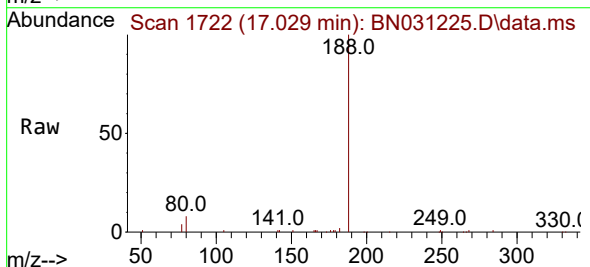
Instrument :
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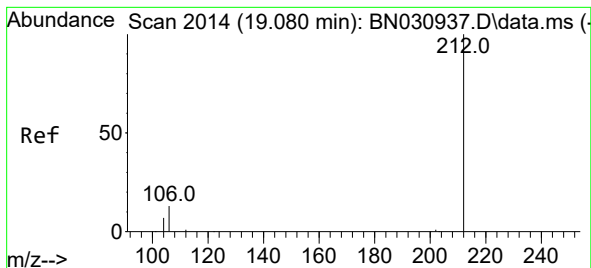
Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.0	19.8	29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BN031225.D
Acq: 25 Apr 2024 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.4	7.4	11.2





#27

Fluoranthene-d10

Concen: 0.305 ng

RT: 19.063 min Scan# 1961

Delta R.T. -0.005 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

Instrument :

BNA_N

ClientSampleId :

PB160394BL

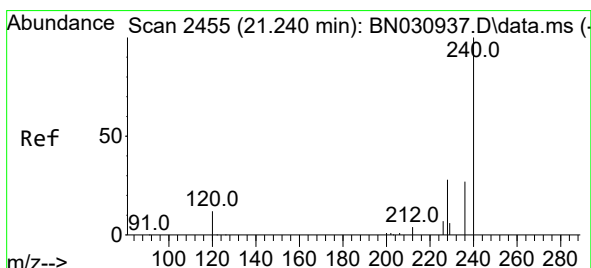
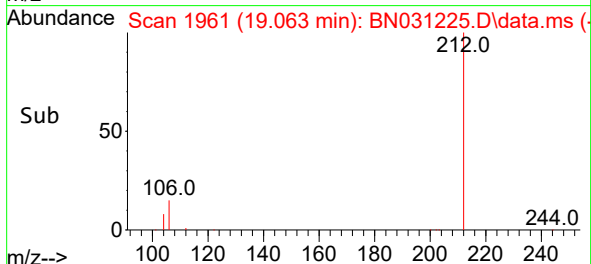
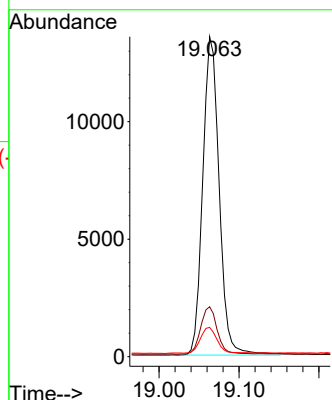
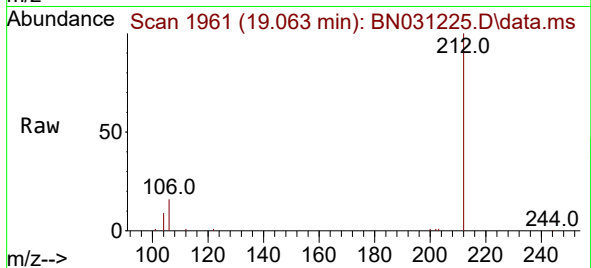
Tgt Ion:212 Resp: 19341

Ion Ratio Lower Upper

212 100

106 15.1 12.0 18.0

104 8.2 6.7 10.1



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.229 min Scan# 2404

Delta R.T. -0.009 min

Lab File: BN031225.D

Acq: 25 Apr 2024 18:19

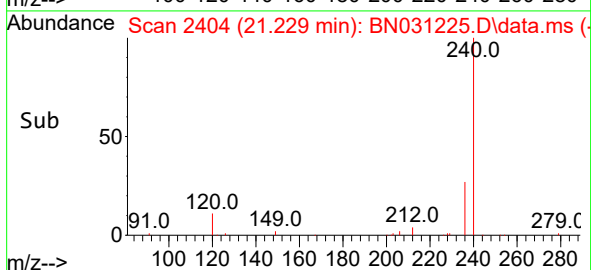
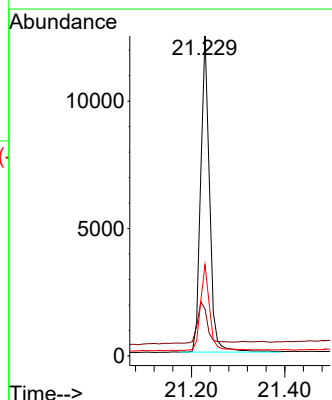
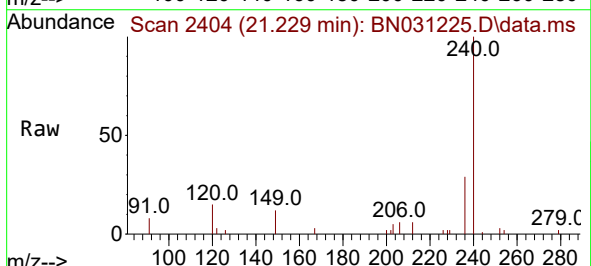
Tgt Ion:240 Resp: 16560

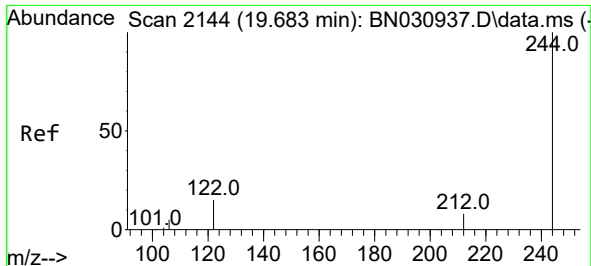
Ion Ratio Lower Upper

240 100

120 14.7 11.0 16.4

236 28.5 22.3 33.5

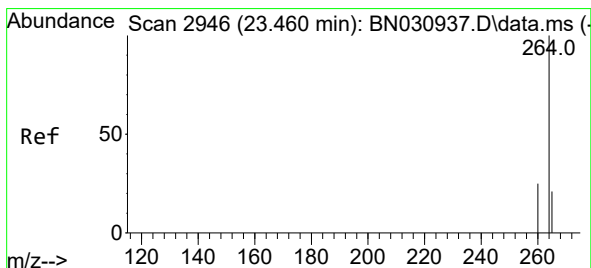
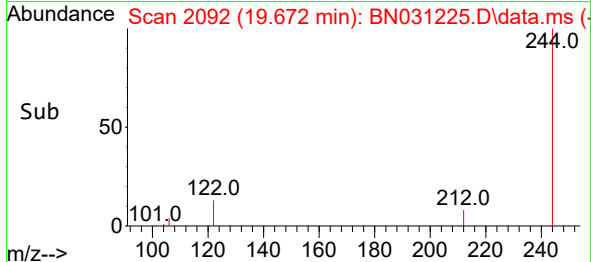
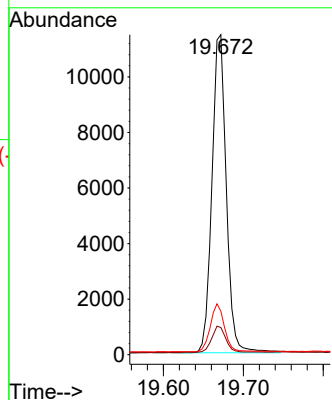
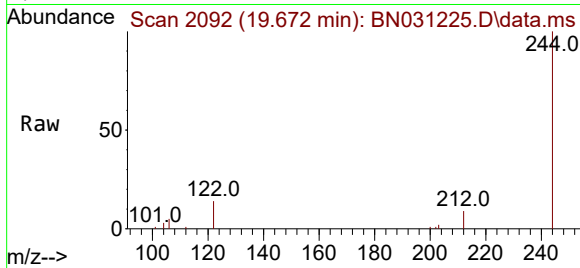




#31
 Terphenyl-d14
 Concen: 0.372 ng
 RT: 19.672 min Scan# 2092
 Delta R.T. -0.000 min
 Lab File: BN031225.D
 Acq: 25 Apr 2024 18:19

Instrument :
 BNA_N
 ClientSampleId :
 PB160394BL

Tgt Ion:244 Resp: 14293
 Ion Ratio Lower Upper
 244 100
 212 8.5 7.2 10.8
 122 13.6 12.7 19.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.446 min Scan# 2890
 Delta R.T. -0.009 min
 Lab File: BN031225.D
 Acq: 25 Apr 2024 18:19

Tgt Ion:264 Resp: 7563
 Ion Ratio Lower Upper
 264 100
 260 32.1 20.6 31.0#
 265 120.6 53.3 79.9#

