

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
 Data File : BN031511.D
 Acq On : 13 May 2024 22:02
 Operator : MA/JU
 Sample : P2451-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240509

Quant Time: May 14 00:49:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 02:12:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	8863	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	26565	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	13212	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	30006	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	21044	0.400	ng	0.00
35) Perylene-d12	23.499	264	19101	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	1373	0.055	ng	0.00
5) Phenol-d6	6.866	99	1365	0.040	ng	0.00
8) Nitrobenzene-d5	8.851	82	6040	0.317	ng	-0.01
11) 2-Methylnaphthalene-d10	12.077	152	11254	0.263	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	255	0.051	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	18750	0.368	ng	-0.02
27) Fluoranthene-d10	19.109	212	23516	0.282	ng	0.00
31) Terphenyl-d14	19.713	244	18916	0.367	ng	-0.02

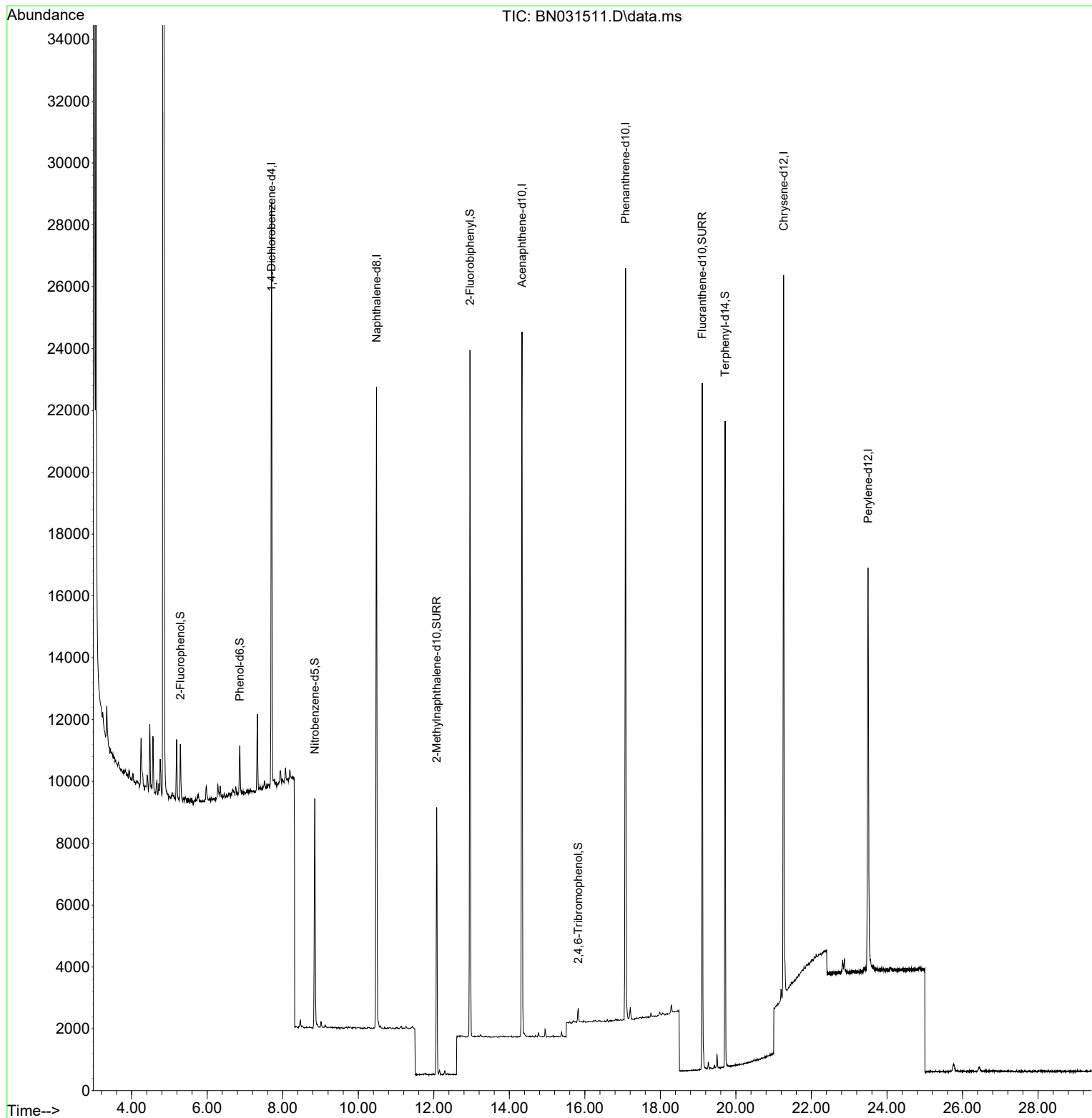
Target Compounds Qvalue

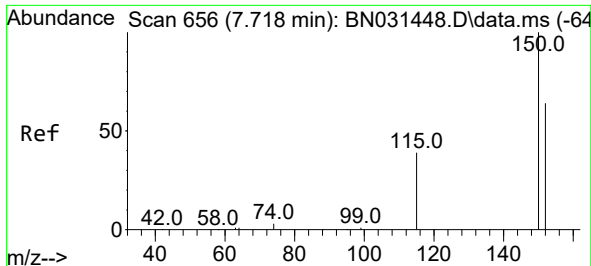
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031511.D
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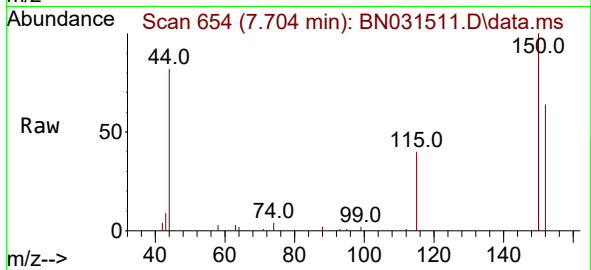
Quant Time: May 14 00:49:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
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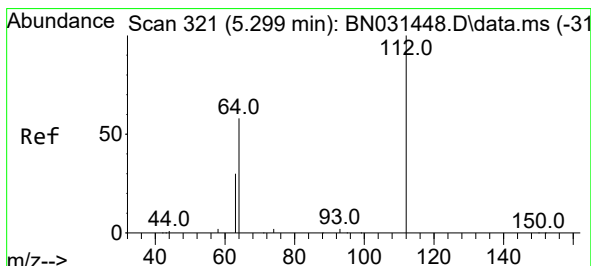
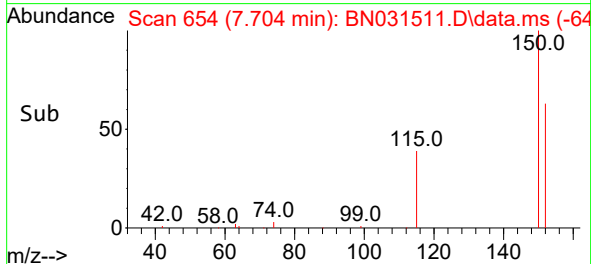
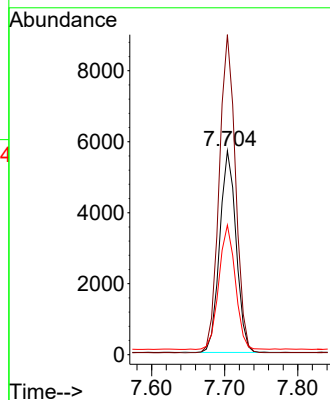


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.704 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Instrument :
BNA_N
ClientSampleId :
SP-303-20240509

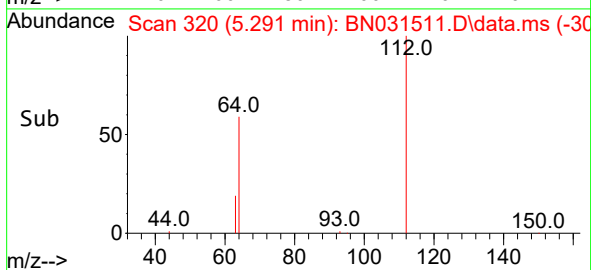
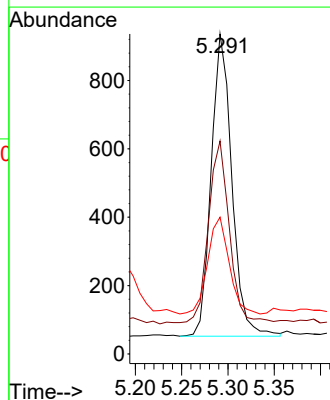
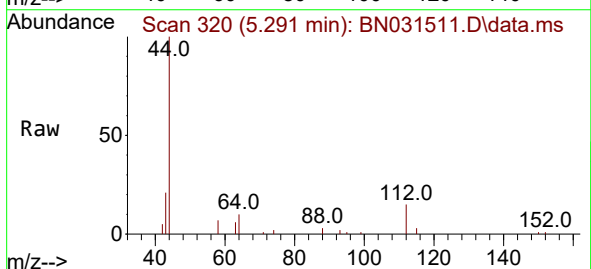


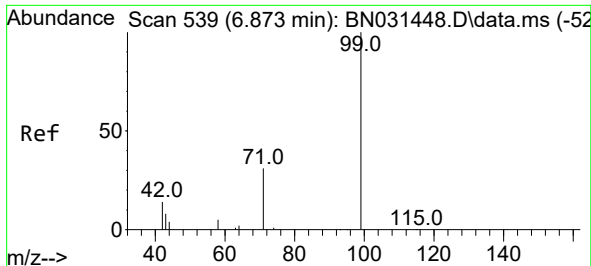
Tgt Ion:152 Resp: 8863
Ion Ratio Lower Upper
152 100
150 156.9 119.3 178.9
115 63.6 54.8 82.2



#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.291 min Scan# 320
Delta R.T. -0.008 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Tgt Ion:112 Resp: 1373
Ion Ratio Lower Upper
112 100
64 62.1 44.0 66.0
63 33.2 22.2 33.4

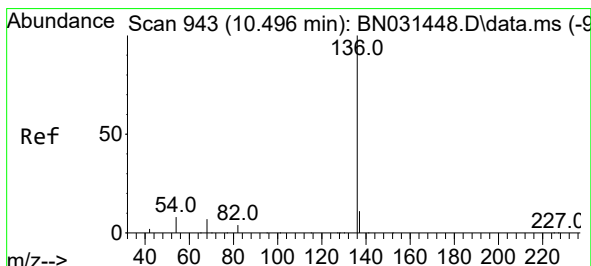
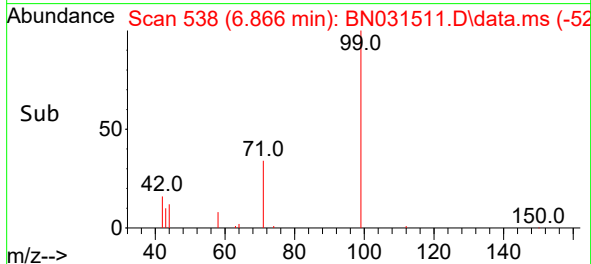
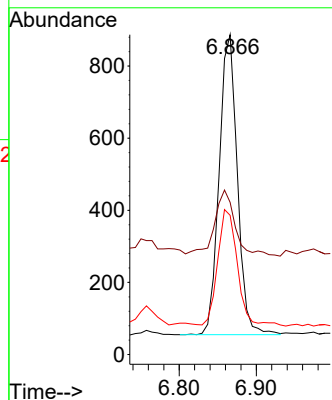
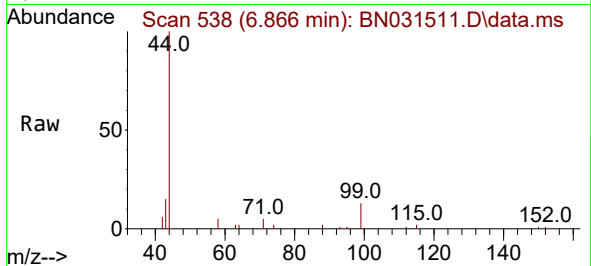




#5
Phenol-d6
Concen: 0.040 ng
RT: 6.866 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

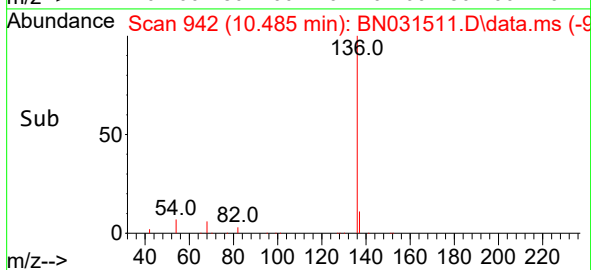
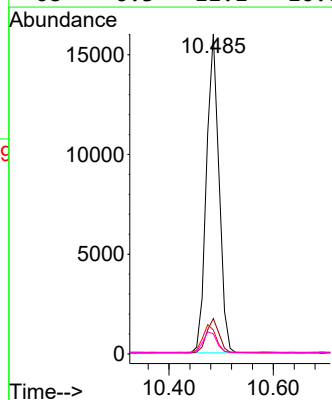
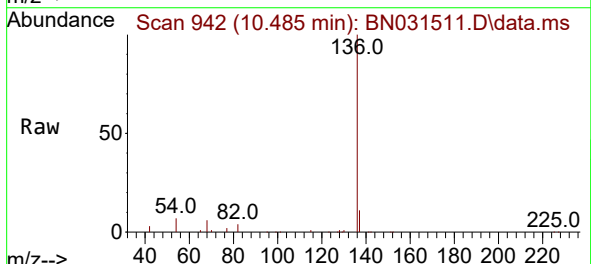
Instrument :
BNA_N
ClientSampleId :
SP-303-20240509

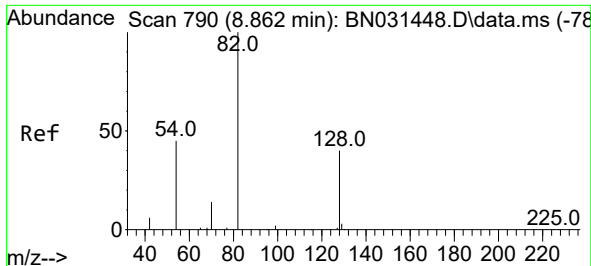
Tgt Ion: 99 Resp: 1365
Ion Ratio Lower Upper
99 100
42 25.1 13.5 20.3#
71 41.0 26.1 39.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.485 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Tgt Ion: 136 Resp: 26565
Ion Ratio Lower Upper
136 100
137 11.1 10.1 15.1
54 7.5 10.5 15.7#
68 6.3 11.1 16.7#

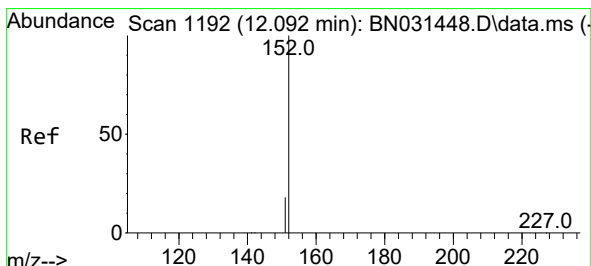
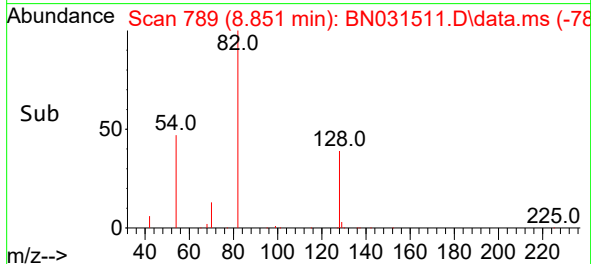
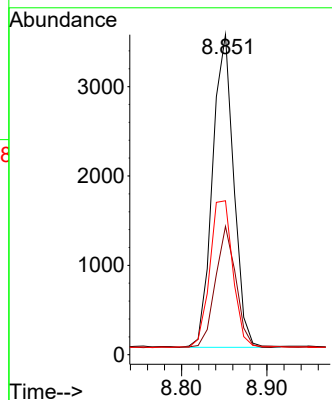
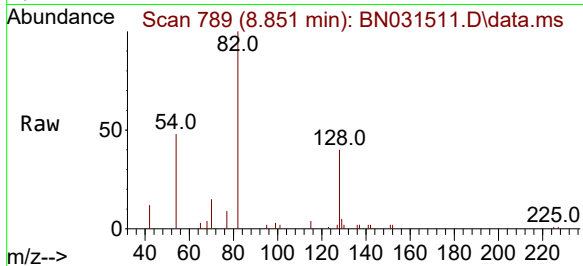




#8
Nitrobenzene-d5
Concen: 0.317 ng
RT: 8.851 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

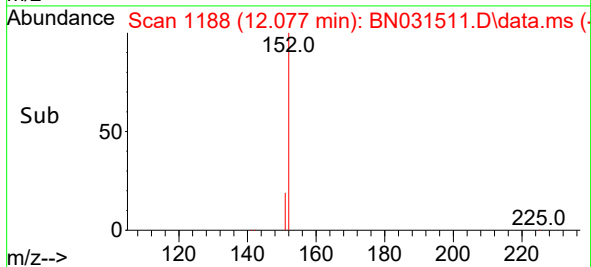
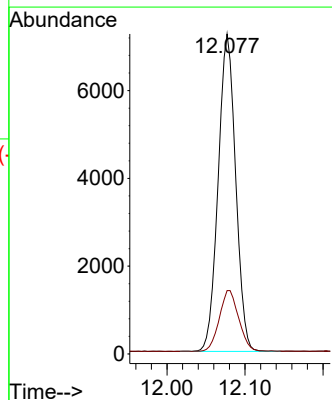
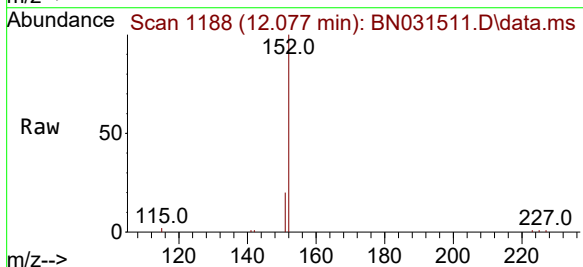
Instrument :
BNA_N
ClientSampleId :
SP-303-20240509

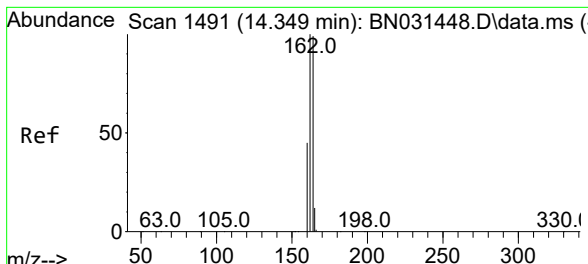
Tgt Ion: 82 Resp: 6040
Ion Ratio Lower Upper
82 100
128 40.1 29.0 43.6
54 48.1 37.2 55.8



#11
2-Methylnaphthalene-d10
Concen: 0.263 ng
RT: 12.077 min Scan# 1188
Delta R.T. -0.015 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Tgt Ion: 152 Resp: 11254
Ion Ratio Lower Upper
152 100
151 21.3 16.6 25.0

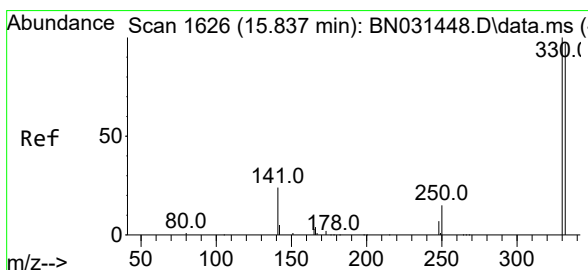
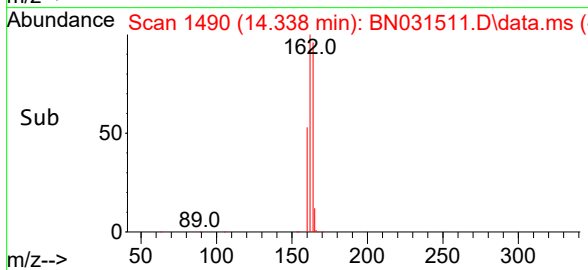
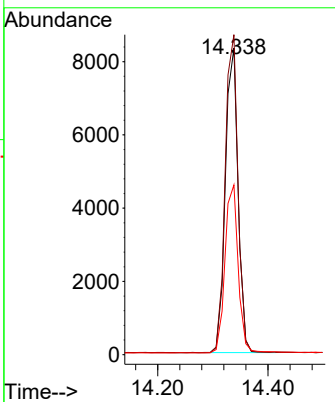
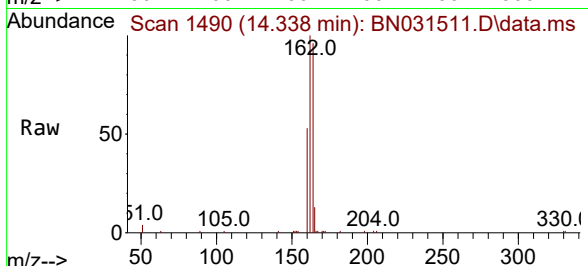




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.338 min Scan# 14
 Delta R.T. -0.011 min
 Lab File: BN031511.D
 Acq: 13 May 2024 22:02

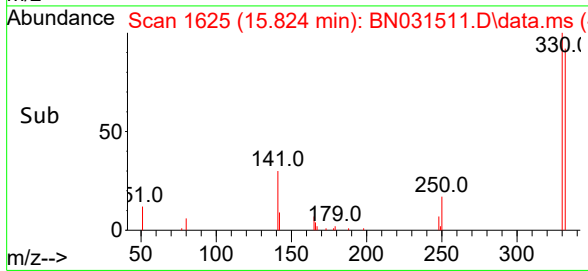
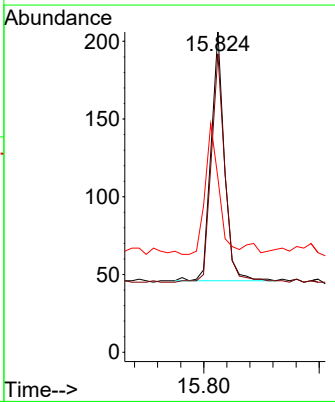
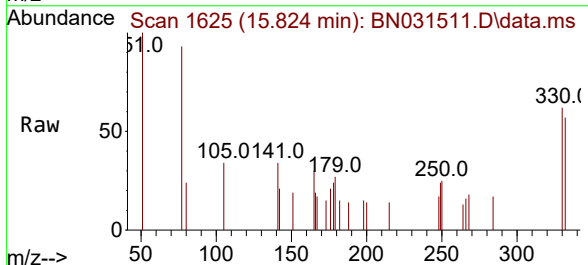
Instrument :
 BNA_N
 ClientSampleId :
 SP-303-20240509

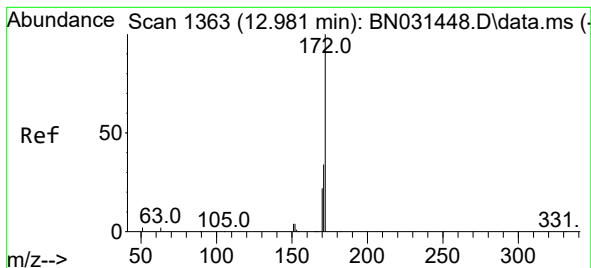
Tgt Ion:	164	Resp:	13212
Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.2	121.8
160	55.4	37.0	55.6



#14
 2,4,6-Tribromophenol
 Concen: 0.051 ng
 RT: 15.824 min Scan# 1625
 Delta R.T. -0.013 min
 Lab File: BN031511.D
 Acq: 13 May 2024 22:02

Tgt Ion:	330	Resp:	255
Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	53.7	37.0	55.4





#15

2-Fluorobiphenyl

Concen: 0.368 ng

RT: 12.959 min Scan# 1

Delta R.T. -0.022 min

Lab File: BN031511.D

Acq: 13 May 2024 22:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20240509

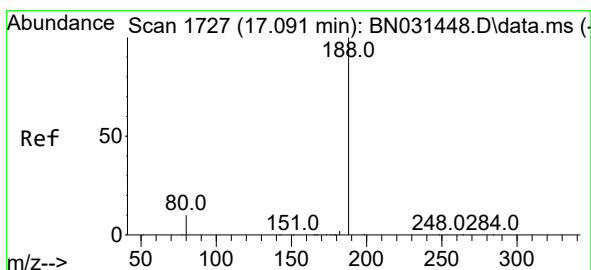
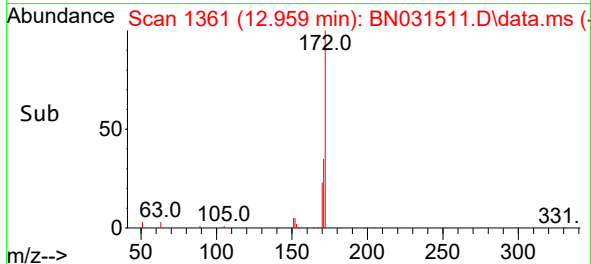
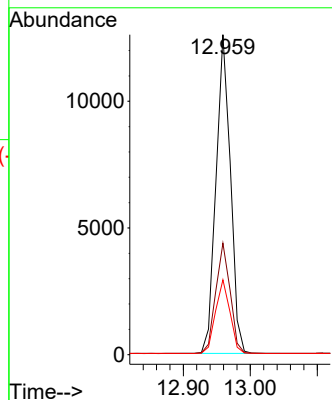
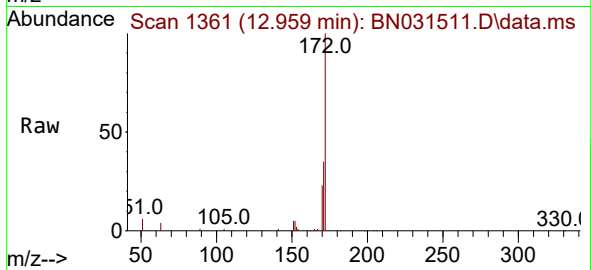
Tgt Ion:172 Resp: 18750

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

170 23.4 18.3 27.5



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.078 min Scan# 1726

Delta R.T. -0.013 min

Lab File: BN031511.D

Acq: 13 May 2024 22:02

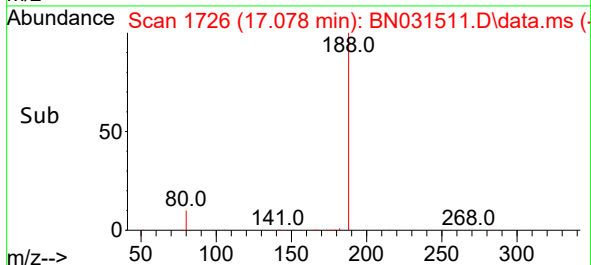
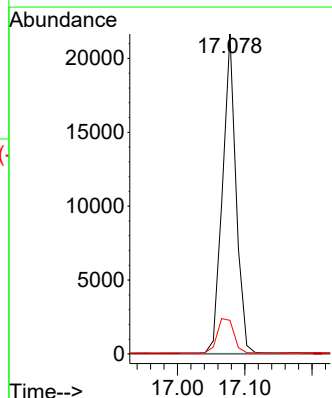
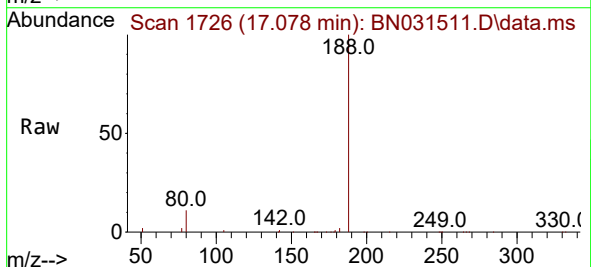
Tgt Ion:188 Resp: 30006

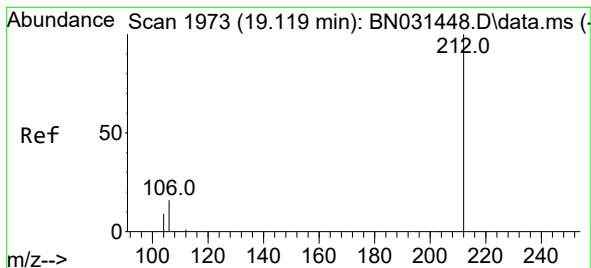
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.5 9.6 14.4





#27

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.109 min Scan# 1973

Delta R.T. -0.010 min

Lab File: BN031511.D

Acq: 13 May 2024 22:02

Instrument :

BNA_N

ClientSampleId :

SP-303-20240509

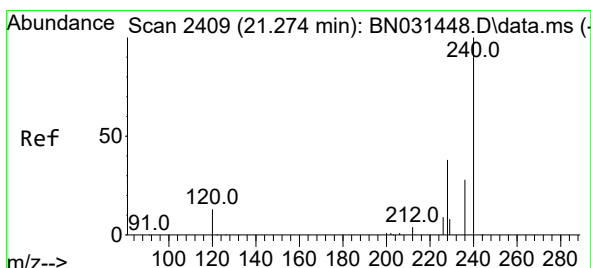
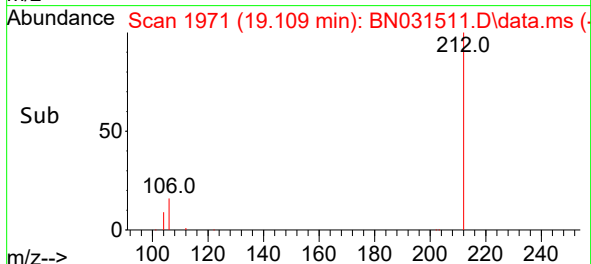
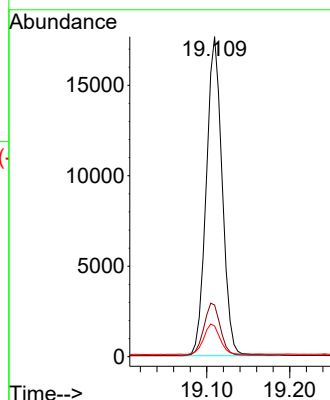
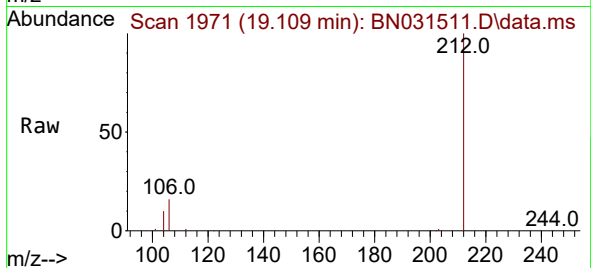
Tgt Ion:212 Resp: 23516

Ion Ratio Lower Upper

212 100

106 16.8 12.0 18.0

104 9.9 6.9 10.3



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.265 min Scan# 2408

Delta R.T. -0.009 min

Lab File: BN031511.D

Acq: 13 May 2024 22:02

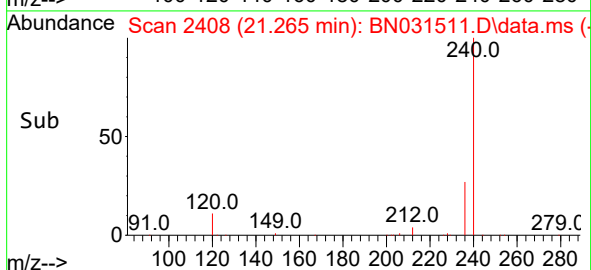
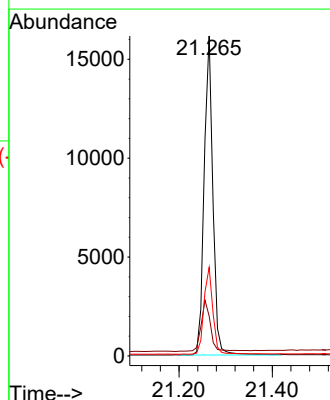
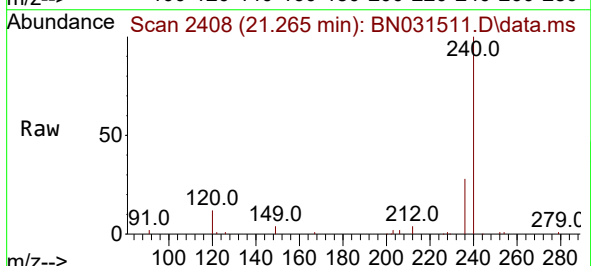
Tgt Ion:240 Resp: 21044

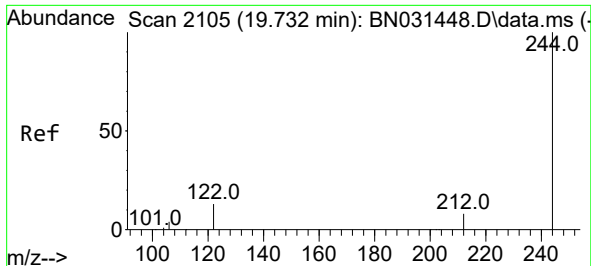
Ion Ratio Lower Upper

240 100

120 12.5 11.4 17.2

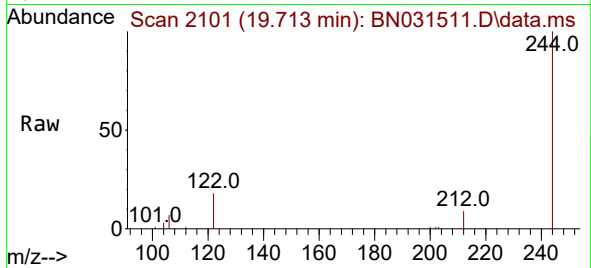
236 27.7 22.2 33.4



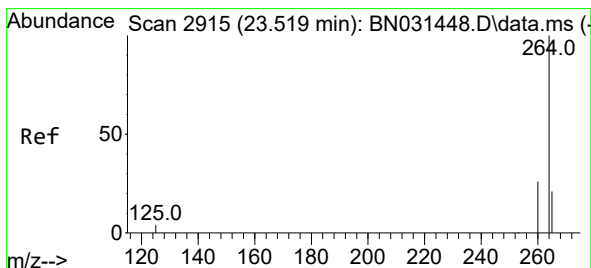
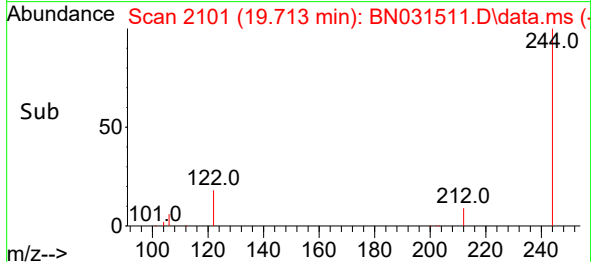
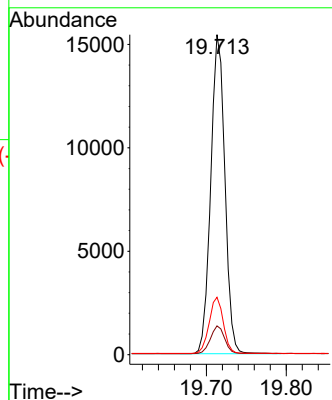


#31
Terphenyl-d14
Concen: 0.367 ng
RT: 19.713 min Scan# 2105
Delta R.T. -0.019 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Instrument :
BNA_N
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Tgt Ion:244 Resp: 18916
Ion Ratio Lower Upper
244 100
212 9.0 6.5 9.7
122 17.9 11.4 17.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2908
Delta R.T. -0.021 min
Lab File: BN031511.D
Acq: 13 May 2024 22:02

Tgt Ion:264 Resp: 19101
Ion Ratio Lower Upper
264 100
260 26.7 20.6 31.0
265 48.6 24.0 36.0#

