

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
 Data File : BN027995.D
 Acq On : 02 Oct 2023 19:56
 Operator : MA/JU
 Sample : PB155726BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB155726BL

Quant Time: Oct 03 01:30:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 02 19:18:04 2023
 Response via : Initial Calibration

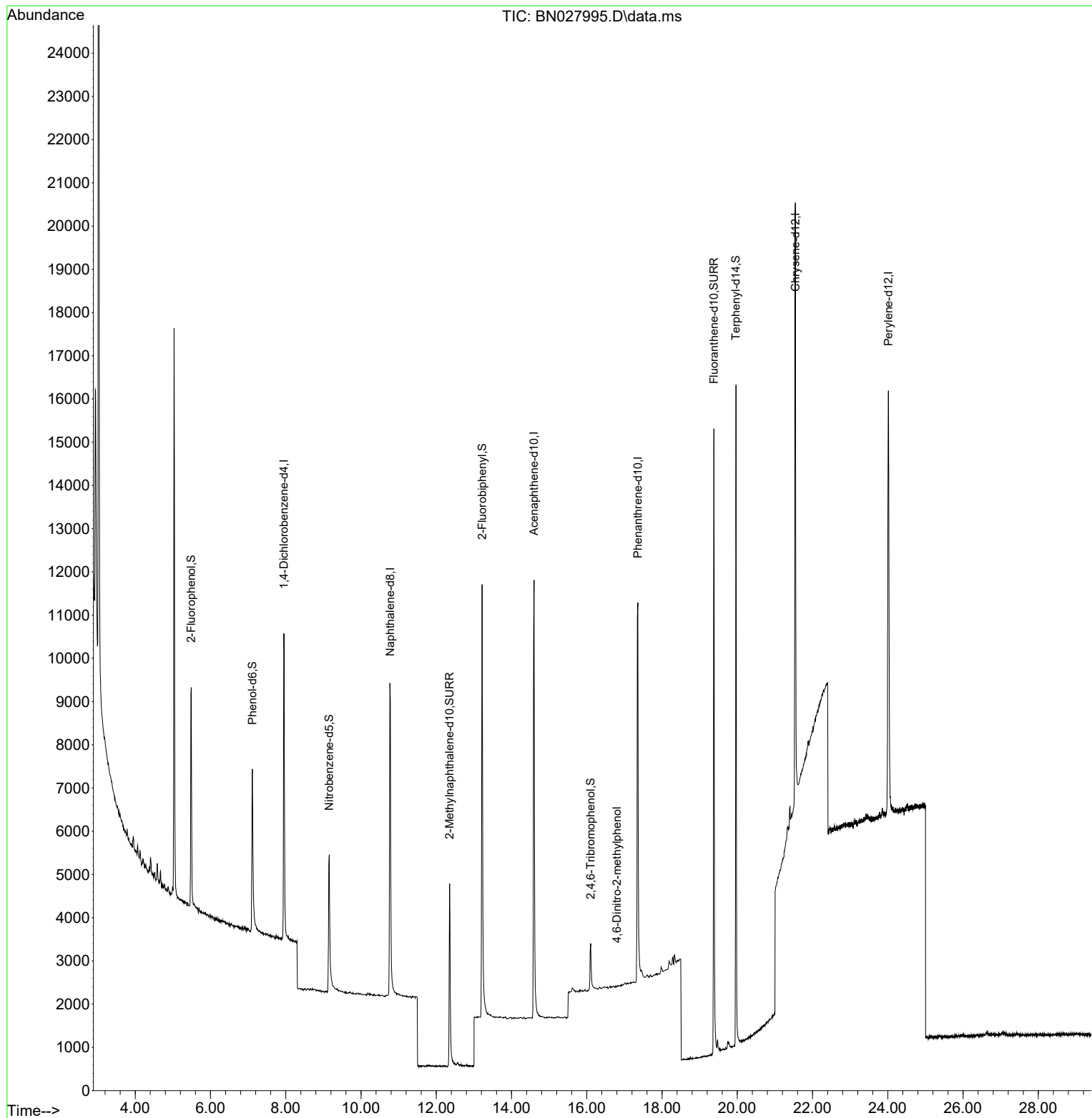
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	3919	0.400	ng	0.00
7) Naphthalene-d8	10.778	136	12271	0.400	ng	# 0.01
13) Acenaphthene-d10	14.598	164	7241	0.400	ng	0.00
19) Phenanthrene-d10	17.356	188	16129	0.400	ng	# 0.01
29) Chrysene-d12	21.542	240	15623	0.400	ng	# 0.00
35) Perylene-d12	24.016	264	15396	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.488	112	4486	0.384	ng	0.00
5) Phenol-d6	7.113	99	5063	0.343	ng	0.00
8) Nitrobenzene-d5	9.155	82	4023	0.385	ng	0.01
11) 2-Methylnaphthalene-d10	12.355	152	7184	0.395	ng	0.00
14) 2,4,6-Tribromophenol	16.102	330	856	0.258	ng	0.01
15) 2-Fluorobiphenyl	13.219	172	10577	0.405	ng	0.00
27) Fluoranthene-d10	19.379	212	17376	0.429	ng	0.00
31) Terphenyl-d14	19.964	244	15775	0.433	ng	0.00
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.797	198	5	0.023	ng	# 38

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

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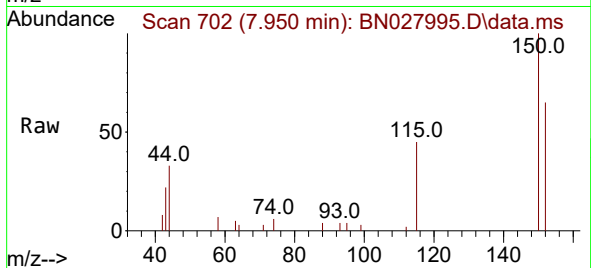
Quant Time: Oct 03 01:30:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
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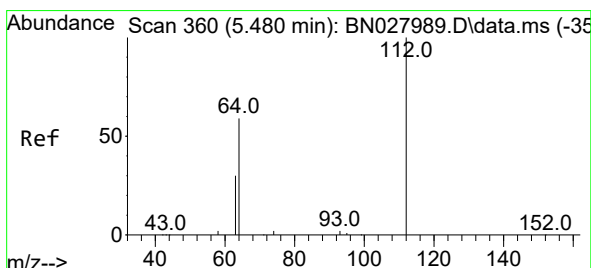
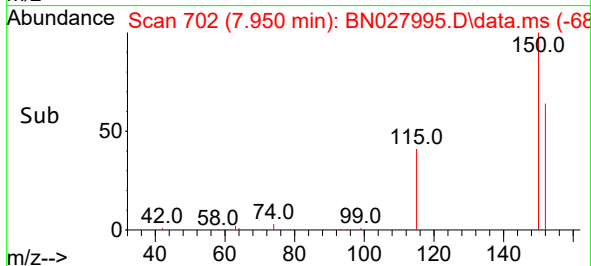
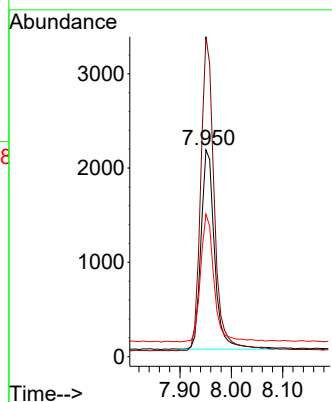


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.950 min Scan# 702
Delta R.T. 0.000 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

Instrument :
BNA_N
ClientSampleId :
PB155726BL

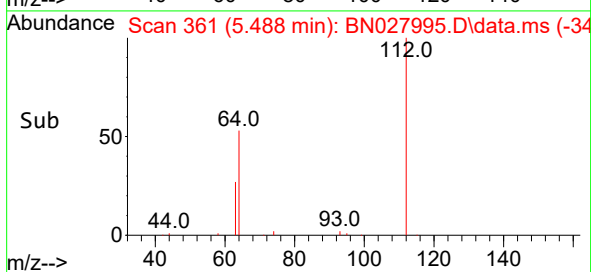
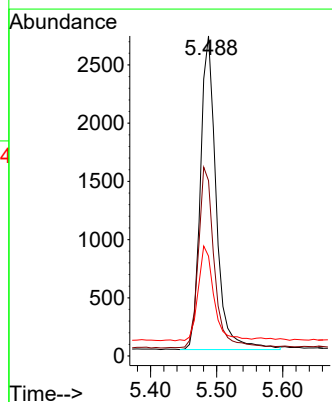
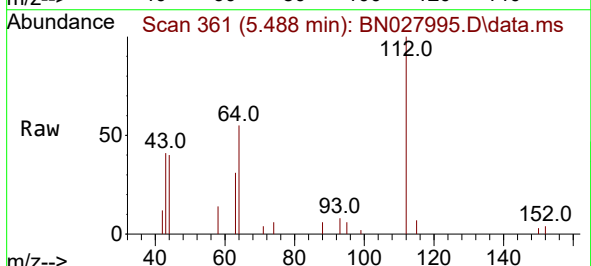


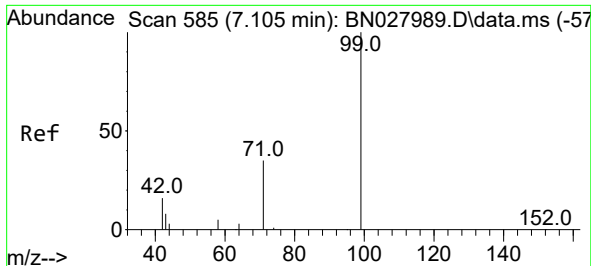
Tgt Ion:152 Resp: 3919
Ion Ratio Lower Upper
152 100
150 154.8 125.6 188.4
115 68.9 54.8 82.2



#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.488 min Scan# 361
Delta R.T. 0.007 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

Tgt Ion:112 Resp: 4486
Ion Ratio Lower Upper
112 100
64 58.3 45.0 67.6
63 29.8 23.4 35.0

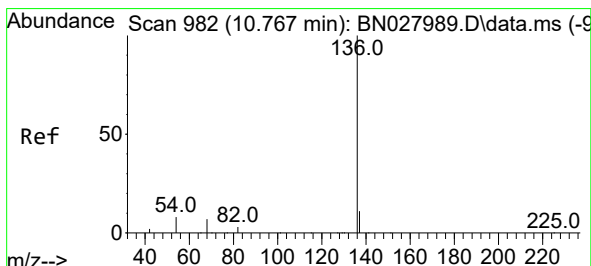
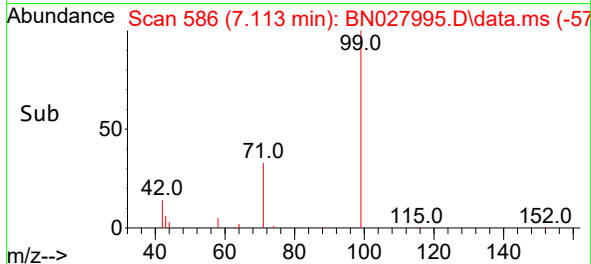
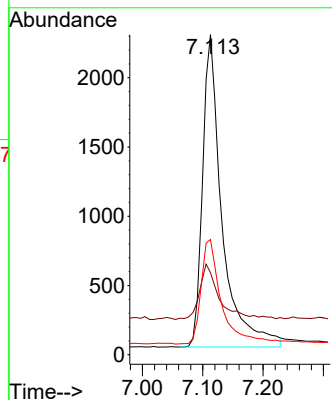
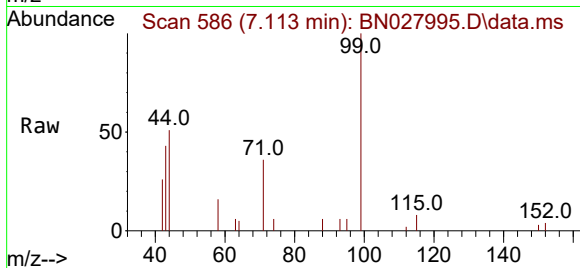




#5
Phenol-d6
Concen: 0.343 ng
RT: 7.113 min Scan# 586
Delta R.T. 0.007 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

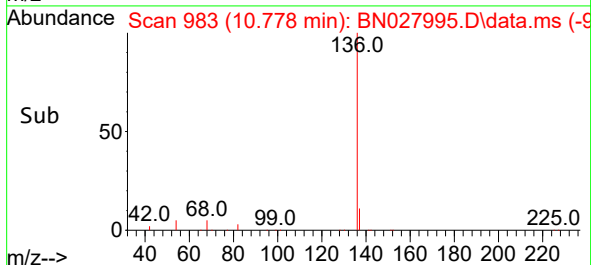
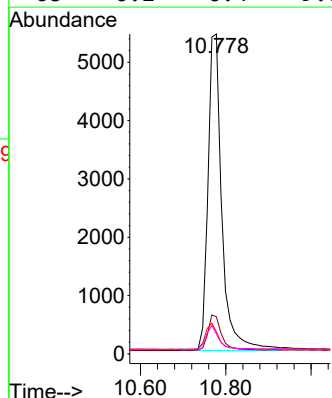
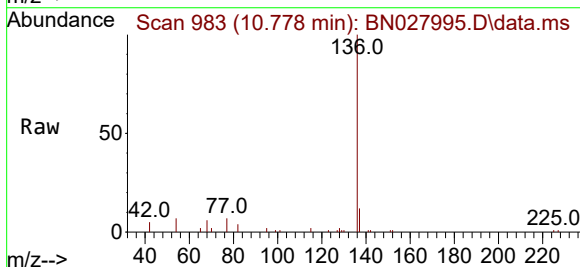
Instrument :
BNA_N
ClientSampleId :
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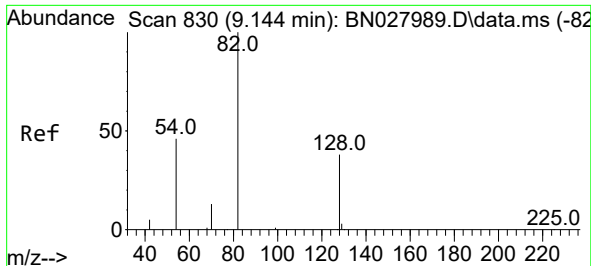
Tgt Ion: 99 Resp: 5063
Ion Ratio Lower Upper
99 100
42 18.0 14.6 22.0
71 35.2 28.3 42.5



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.778 min Scan# 983
Delta R.T. 0.011 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

Tgt Ion: 136 Resp: 12271
Ion Ratio Lower Upper
136 100
137 11.6 9.4 14.0
54 6.9 7.0 10.6#
68 6.2 6.4 9.6#

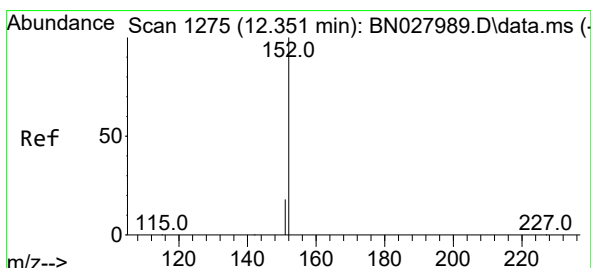
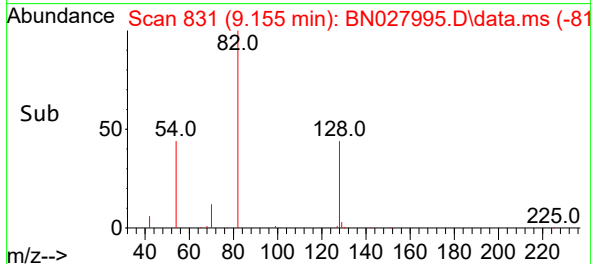
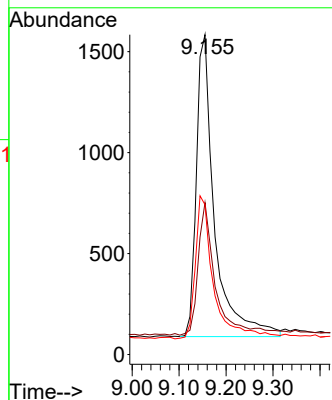
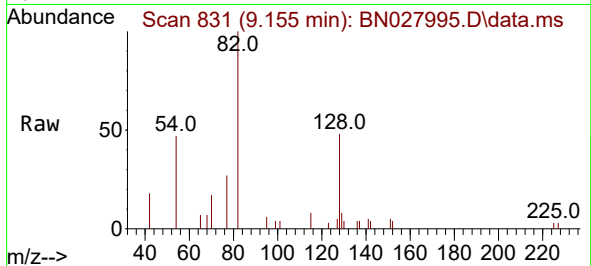




#8
Nitrobenzene-d5
Concen: 0.385 ng
RT: 9.155 min Scan# 81
Delta R.T. 0.011 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

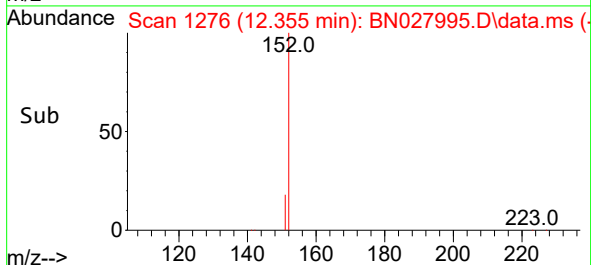
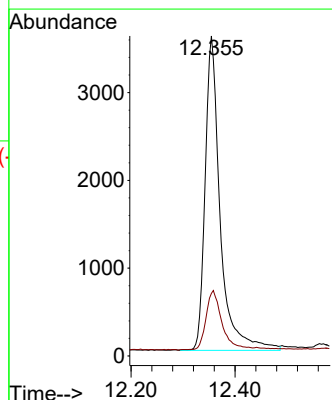
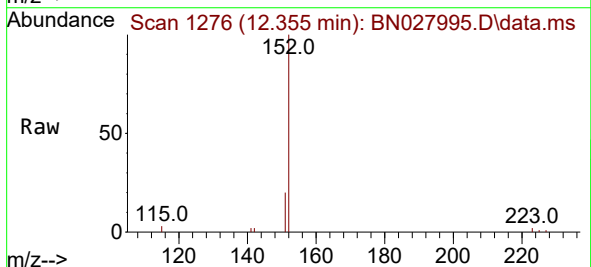
Instrument :
BNA_N
ClientSampleId :
PB155726BL

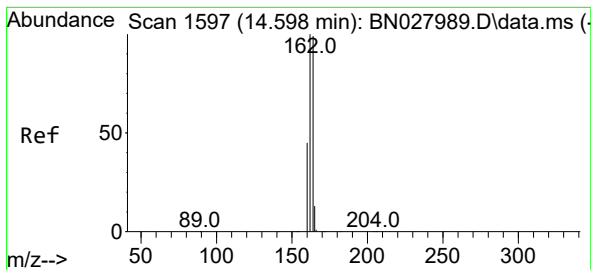
Tgt Ion: 82 Resp: 4023
Ion Ratio Lower Upper
82 100
128 47.5 32.7 49.1
54 46.8 38.7 58.1



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 12.355 min Scan# 1276
Delta R.T. 0.004 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

Tgt Ion: 152 Resp: 7184
Ion Ratio Lower Upper
152 100
151 20.3 16.5 24.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.598 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

Instrument :

BNA_N

ClientSampleId :

PB155726BL

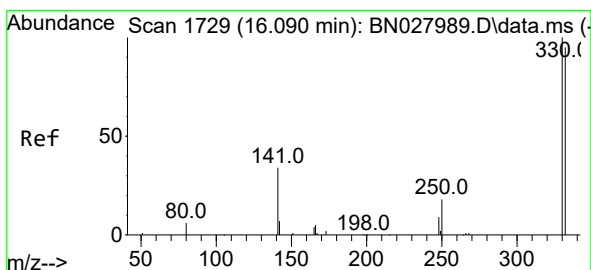
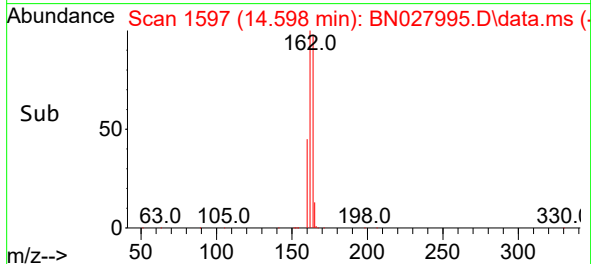
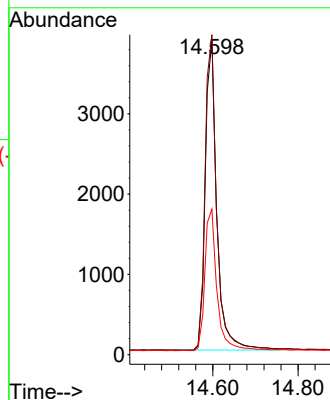
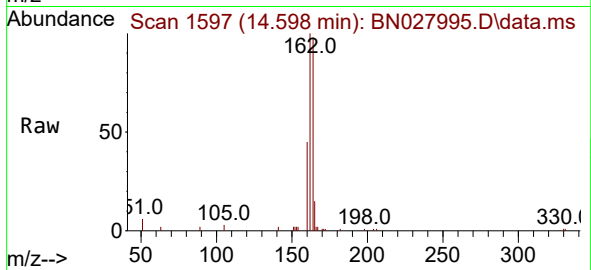
Tgt Ion:164 Resp: 7241

Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 46.2 36.4 54.6



#14

2,4,6-Tribromophenol

Concen: 0.258 ng

RT: 16.102 min Scan# 1730

Delta R.T. 0.012 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

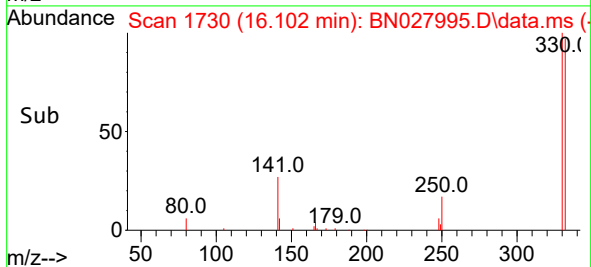
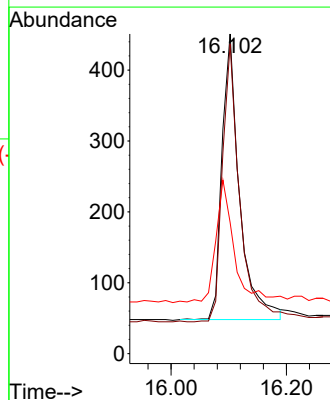
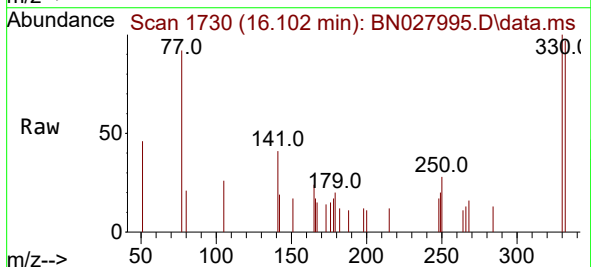
Tgt Ion:330 Resp: 856

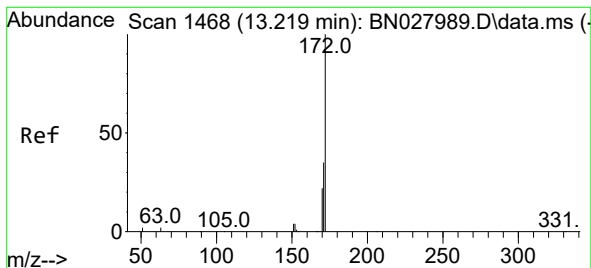
Ion Ratio Lower Upper

330 100

332 94.4 78.1 117.1

141 42.6 33.4 50.2





#15

2-Fluorobiphenyl

Concen: 0.405 ng

RT: 13.219 min Scan# 1468

Delta R.T. -0.000 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

Instrument :

BNA_N

ClientSampleId :

PB155726BL

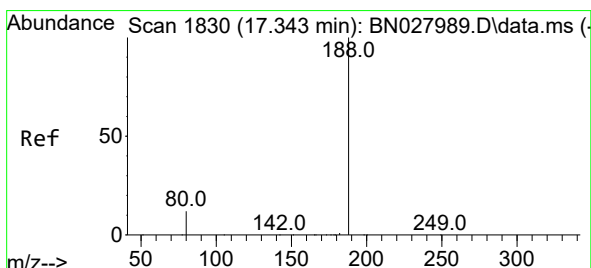
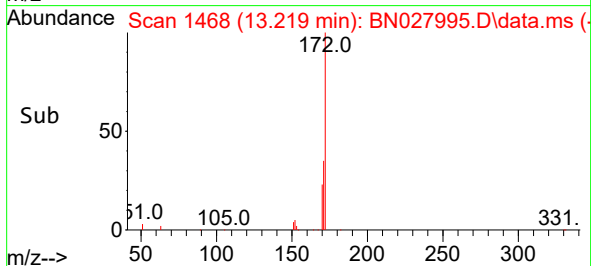
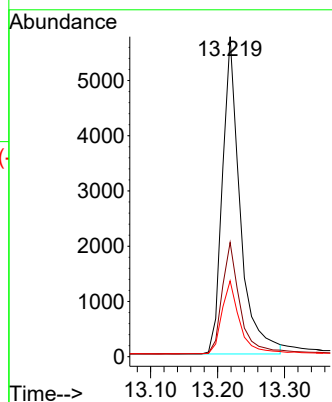
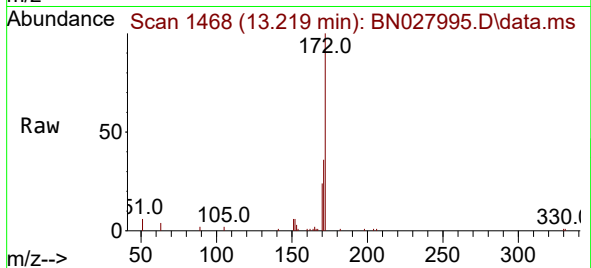
Tgt Ion:172 Resp: 10577

Ion Ratio Lower Upper

172 100

171 35.7 28.1 42.1

170 23.7 18.4 27.6



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.356 min Scan# 1831

Delta R.T. 0.013 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

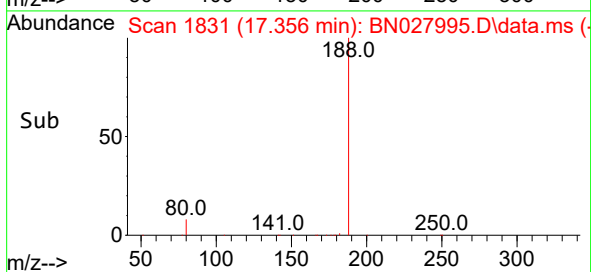
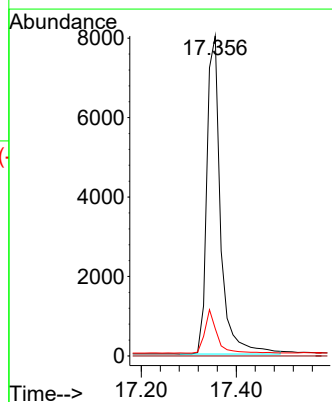
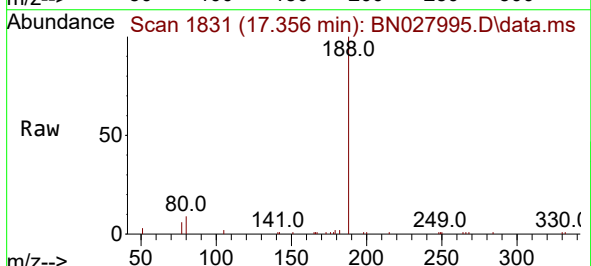
Tgt Ion:188 Resp: 16129

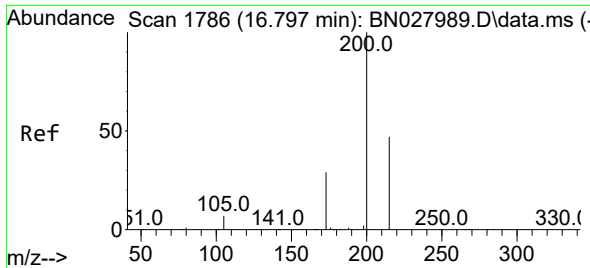
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.5 10.2 15.4#

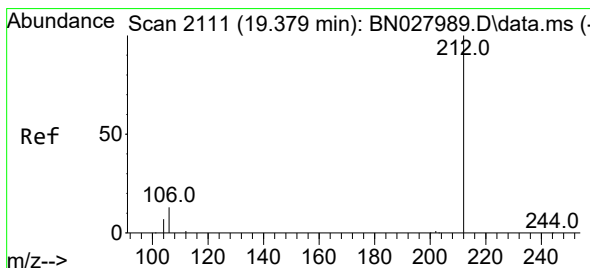
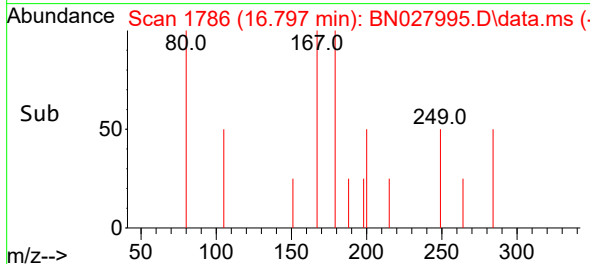
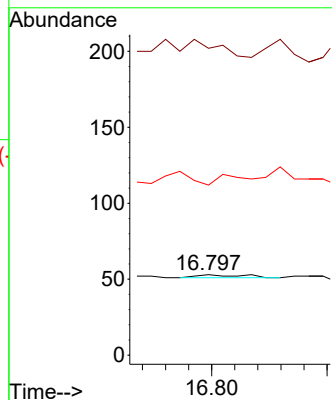
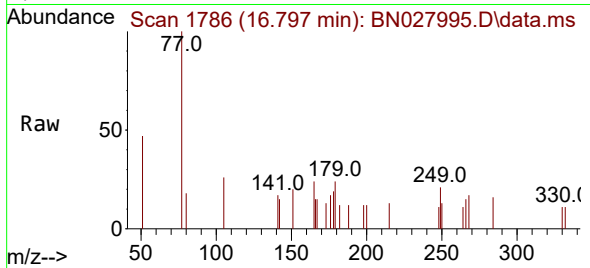




#20
4,6-Dinitro-2-methylphenol
Concen: 0.023 ng
RT: 16.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

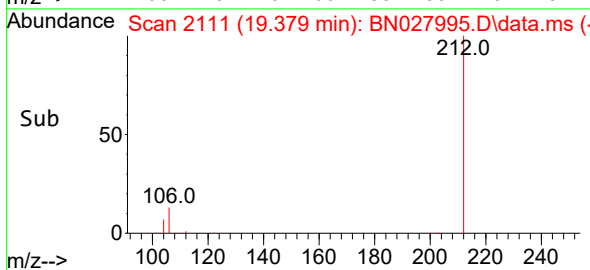
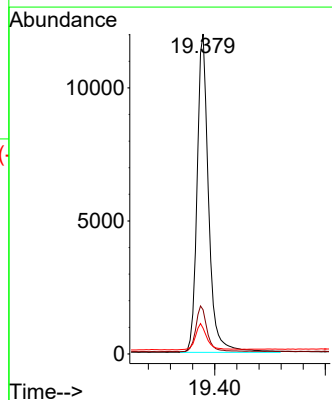
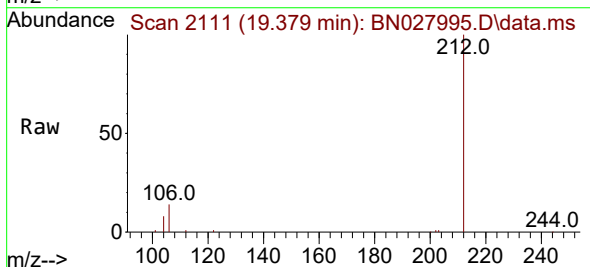
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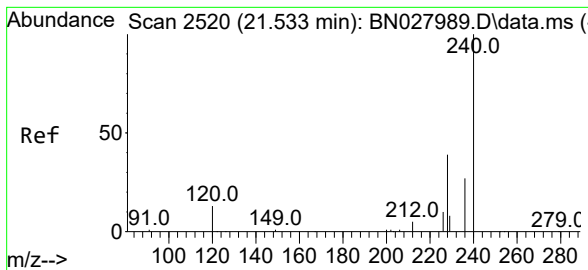
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 381.1 180.7 271.1#
105 211.3 222.2 333.2#



#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.379 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BN027995.D
Acq: 02 Oct 2023 19:56

Tgt Ion:212 Resp: 17376
Ion Ratio Lower Upper
212 100
106 14.1 11.3 16.9
104 8.2 6.4 9.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.542 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

Instrument :

BNA_N

ClientSampleId :

PB155726BL

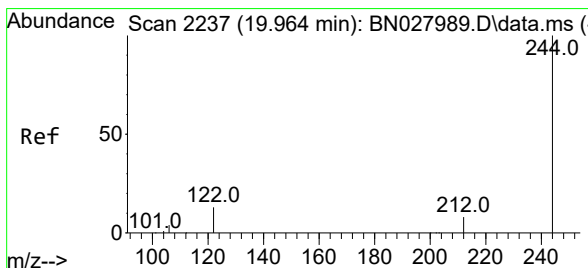
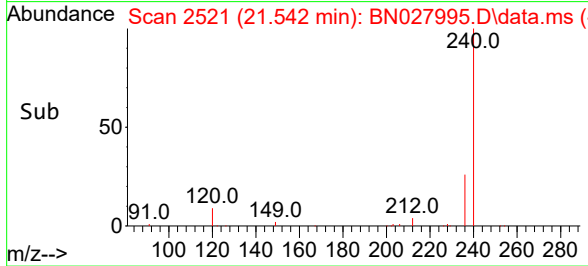
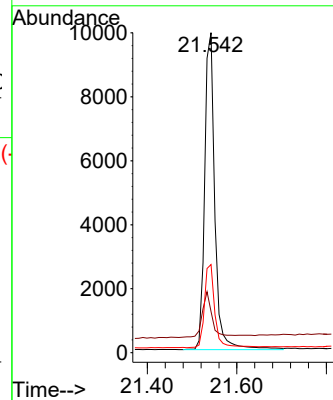
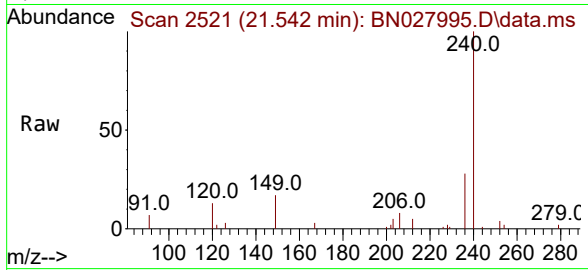
Tgt Ion:240 Resp: 15623

Ion Ratio Lower Upper

240 100

120 12.9 13.8 20.6#

236 27.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.433 ng

RT: 19.964 min Scan# 2237

Delta R.T. -0.000 min

Lab File: BN027995.D

Acq: 02 Oct 2023 19:56

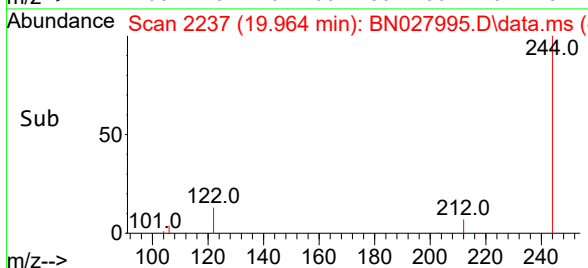
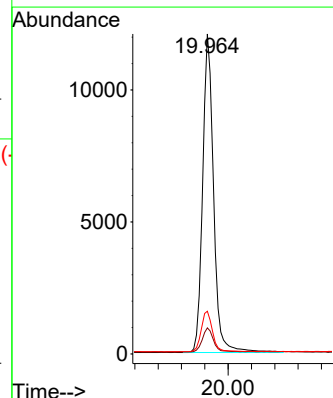
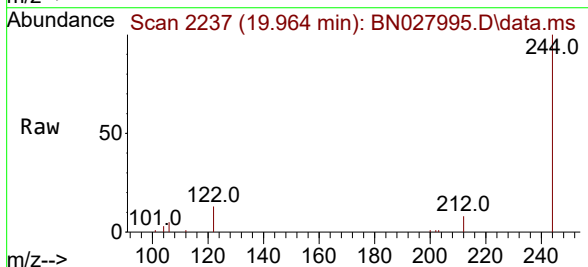
Tgt Ion:244 Resp: 15775

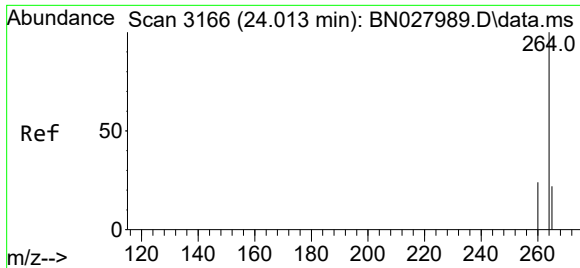
Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

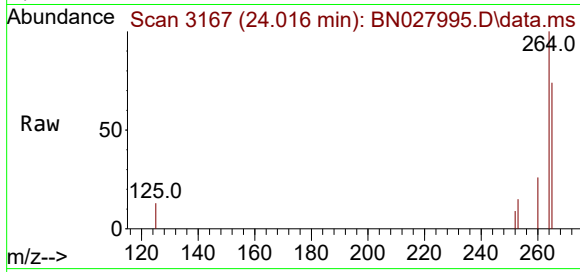
122 13.3 11.4 17.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.016 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BN027995.D
 Acq: 02 Oct 2023 19:56

Instrument :
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Tgt Ion:264 Resp: 15396

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.4
265	74.4	54.8	82.2

