

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029164.D
 Acq On : 21 Dec 2023 23:19
 Operator : MA/JU
 Sample : 05921-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231218

Quant Time: Dec 21 23:50:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

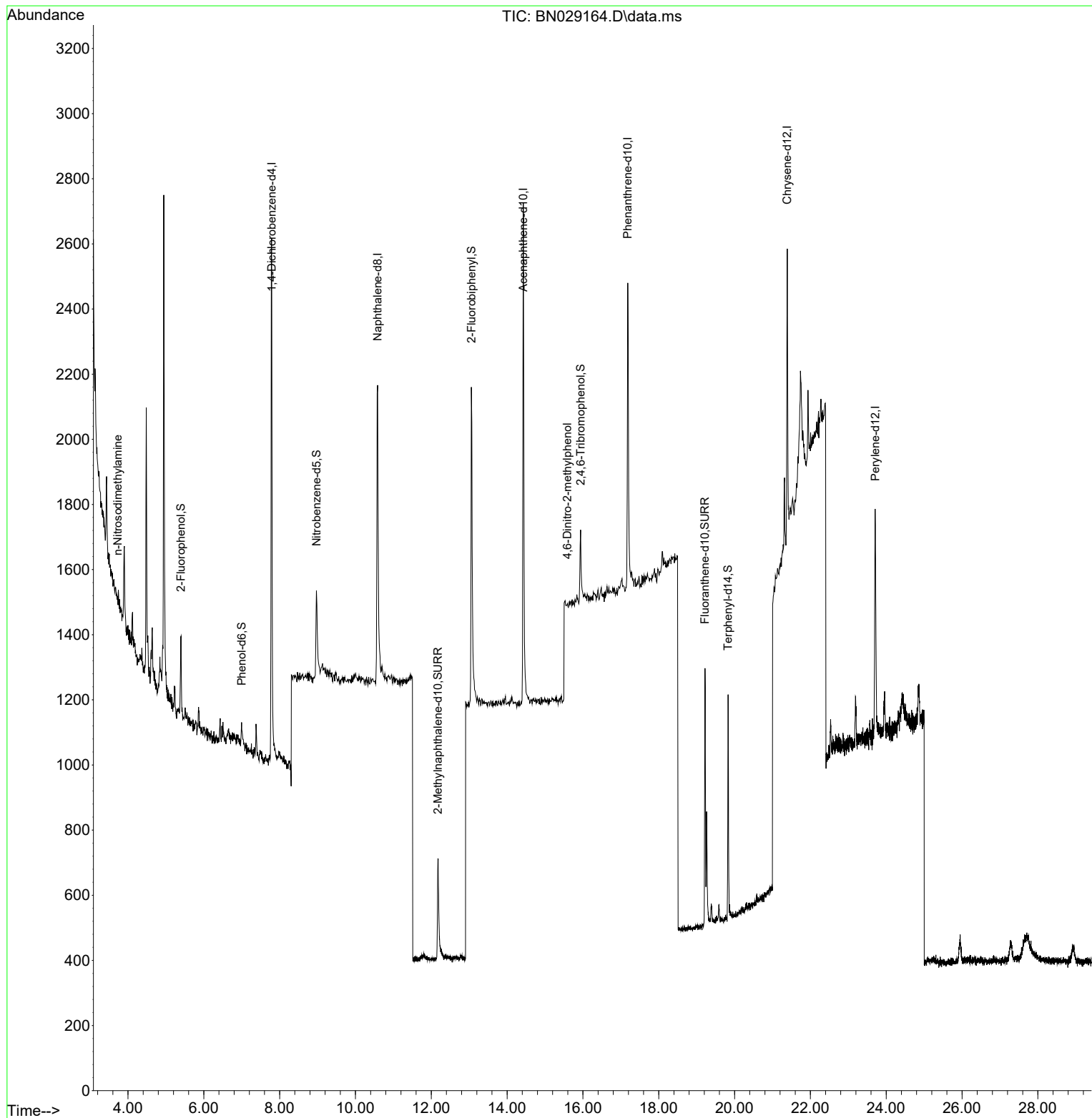
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	941	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1882	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	1069	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1707	0.400	ng	0.00
29) Chrysene-d12	21.389	240	804	0.400	ng	0.00
35) Perylene-d12	23.714	264	1028	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	210	0.093	ng	0.00
5) Phenol-d6	7.002	99	86	0.035	ng	0.00
8) Nitrobenzene-d5	8.971	82	452	0.184	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	671	0.235	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	170	0.182	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1257	0.201	ng	0.00
27) Fluoranthene-d10	19.220	212	991	0.240	ng	0.00
31) Terphenyl-d14	19.829	244	627	0.284	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.731	42	13	0.021	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.592	198	4	0.068	ng	# 37

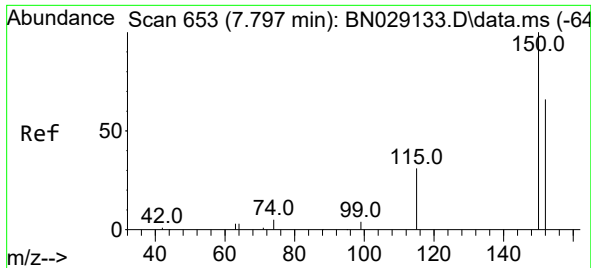
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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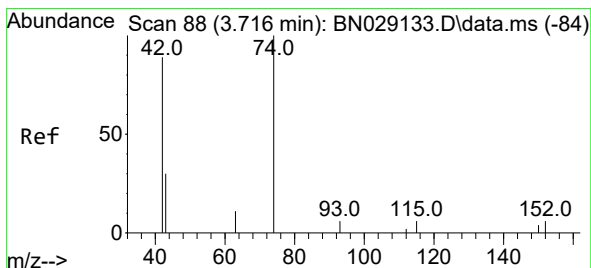
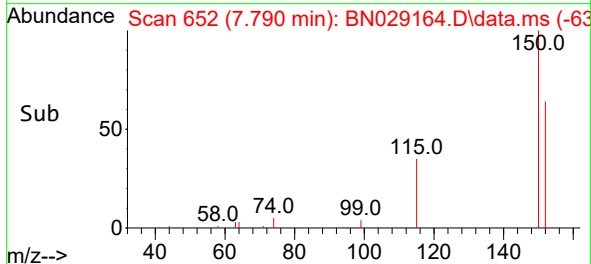
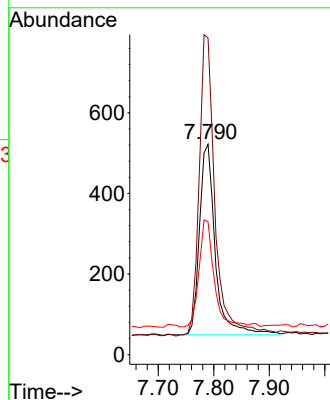
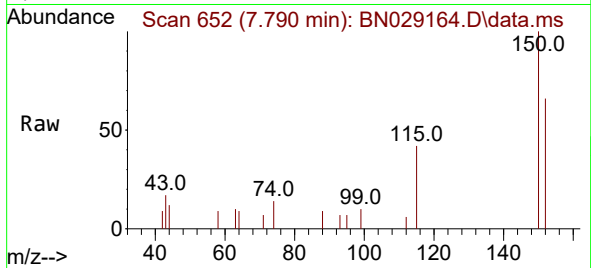




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.790 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

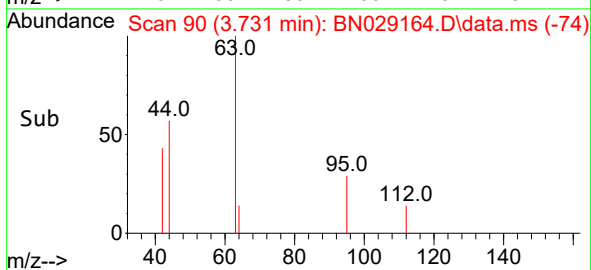
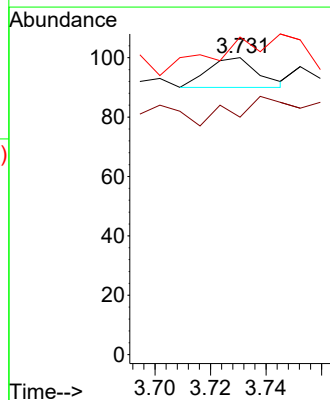
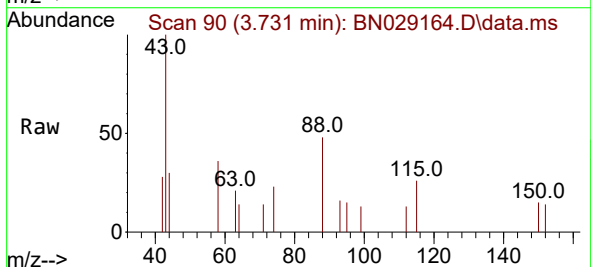
Instrument :
BNA_N
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SP-201-20231218

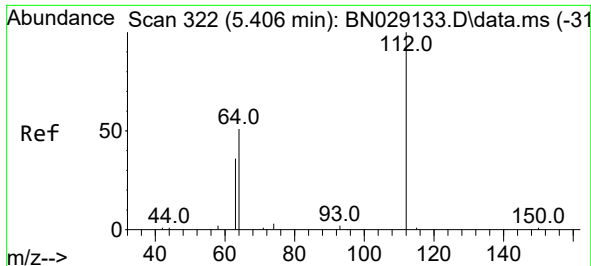
Tgt Ion:152 Resp: 941
Ion Ratio Lower Upper
152 100
150 150.6 117.6 176.4
115 63.2 44.2 66.2



#3
n-Nitrosodimethylamine
Concen: 0.021 ng
RT: 3.731 min Scan# 90
Delta R.T. 0.014 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion: 42 Resp: 13
Ion Ratio Lower Upper
42 100
74 115.4 103.0 154.4
44 230.8 3.2 4.8#





#4

2-Fluorophenol

Concen: 0.093 ng

RT: 5.399 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

Instrument :

BNA_N

ClientSampleId :

SP-201-20231218

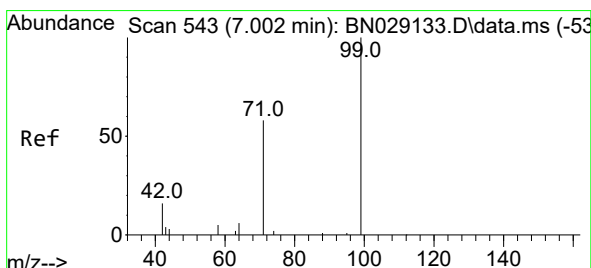
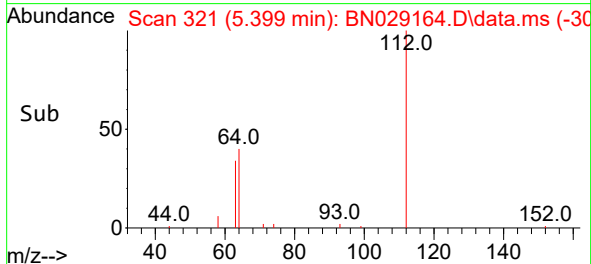
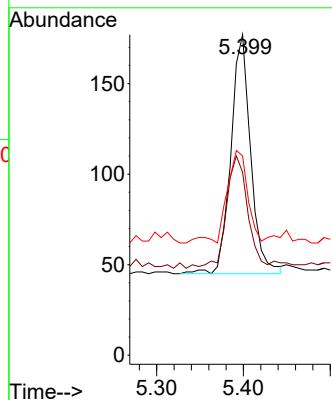
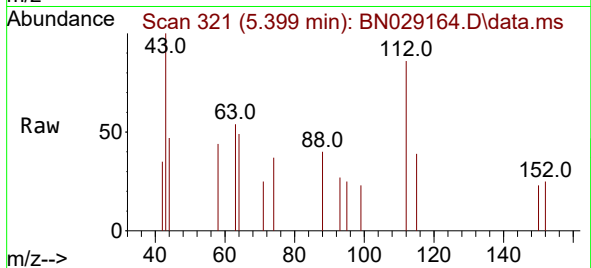
Tgt Ion:112 Resp: 210

Ion Ratio Lower Upper

112 100

64 47.1 38.6 58.0

63 39.0 30.0 45.0



#5

Phenol-d6

Concen: 0.035 ng

RT: 7.002 min Scan# 543

Delta R.T. 0.000 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

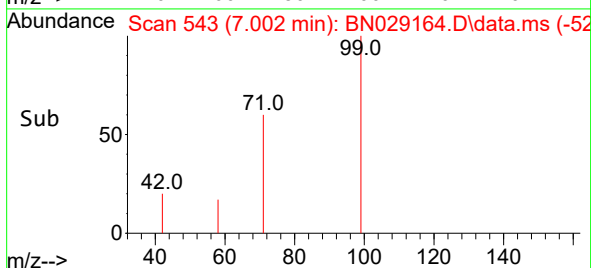
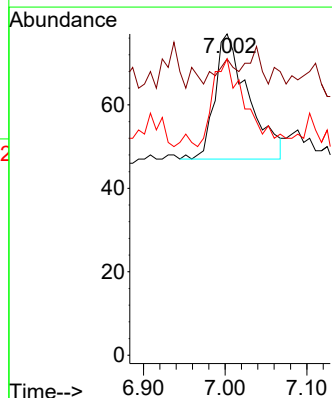
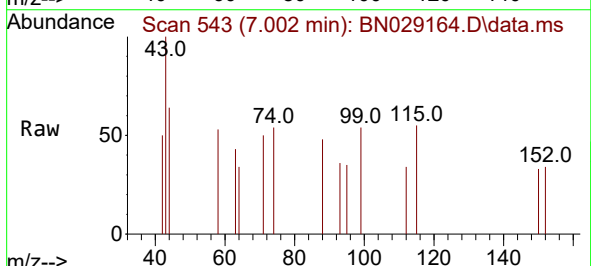
Tgt Ion: 99 Resp: 86

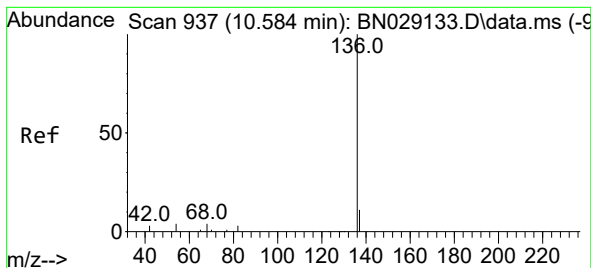
Ion Ratio Lower Upper

99 100

42 12.8 13.8 20.6#

71 69.8 45.4 68.2#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.584 min Scan# 91

Delta R.T. 0.000 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

Instrument :

BNA_N

ClientSampleId :

SP-201-20231218

Tgt Ion:136 Resp: 1882

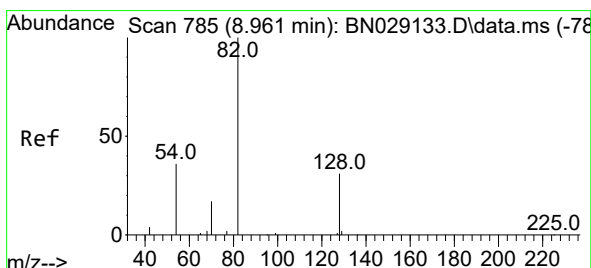
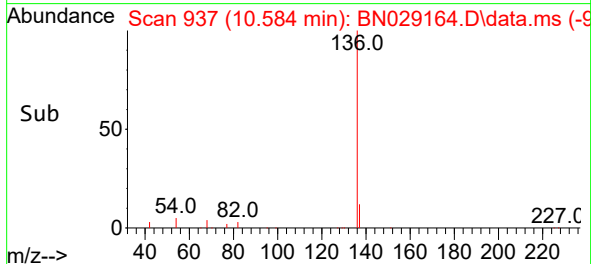
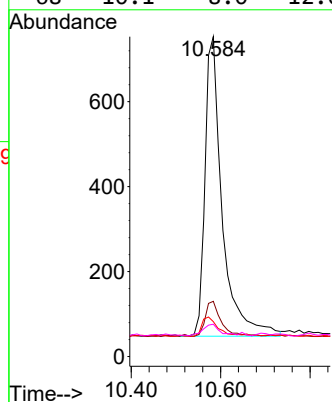
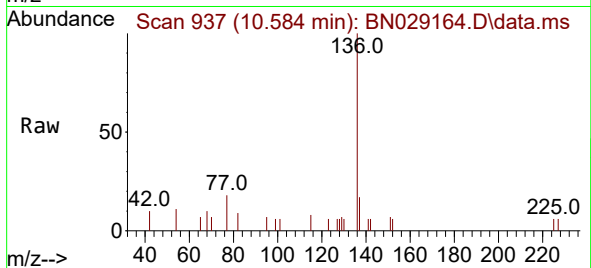
Ion Ratio Lower Upper

136 100

137 17.3 13.4 20.0

54 10.9 8.6 13.0

68 10.1 8.0 12.0



#8

Nitrobenzene-d5

Concen: 0.184 ng

RT: 8.971 min Scan# 786

Delta R.T. 0.011 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

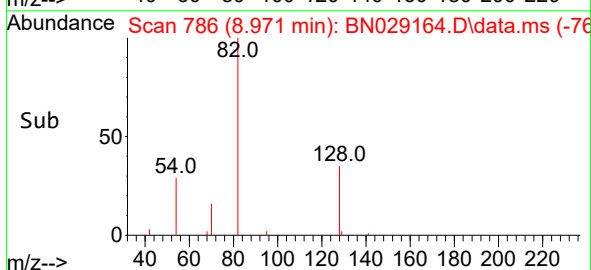
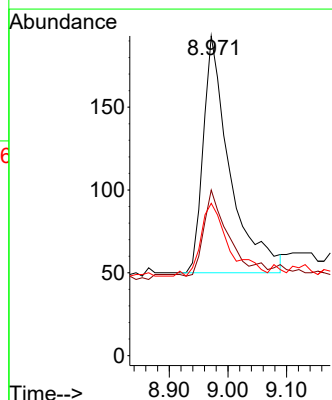
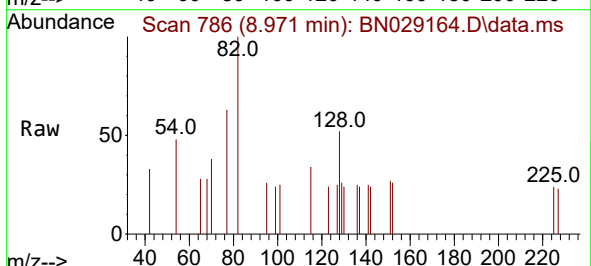
Tgt Ion: 82 Resp: 452

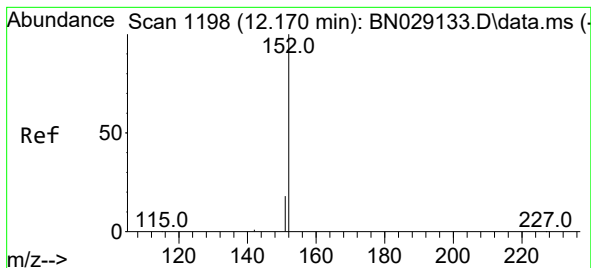
Ion Ratio Lower Upper

82 100

128 51.8 33.0 49.4#

54 47.7 35.8 53.8

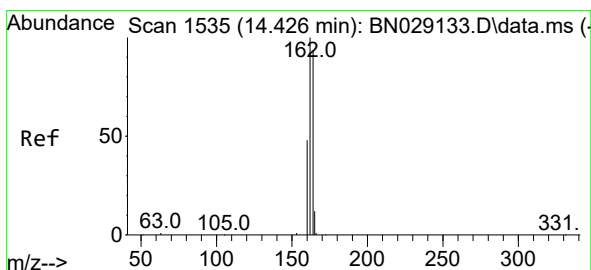
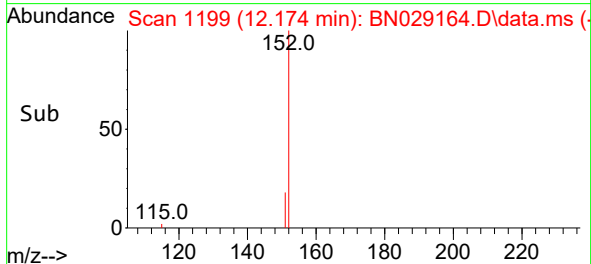
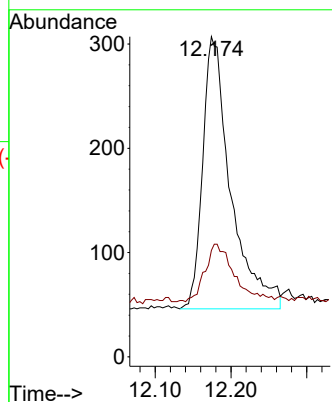
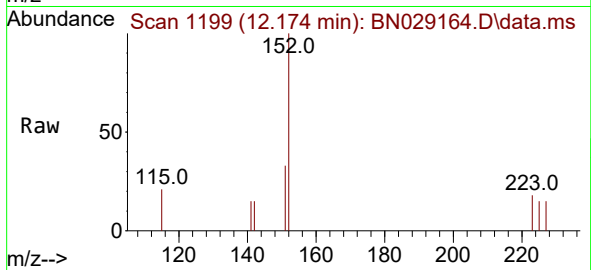




#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 12.174 min Scan# 1198
Delta R.T. 0.004 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

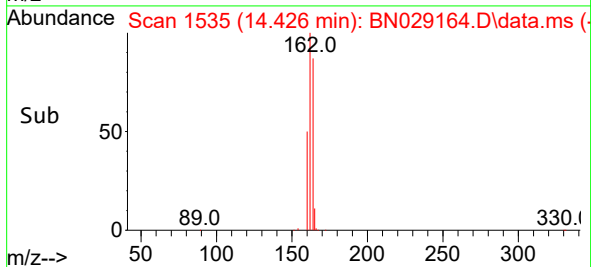
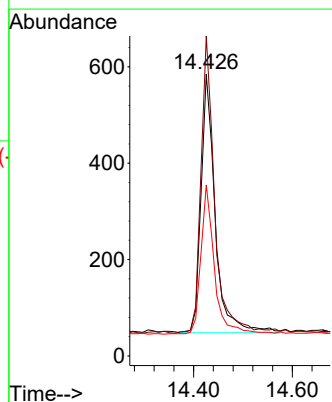
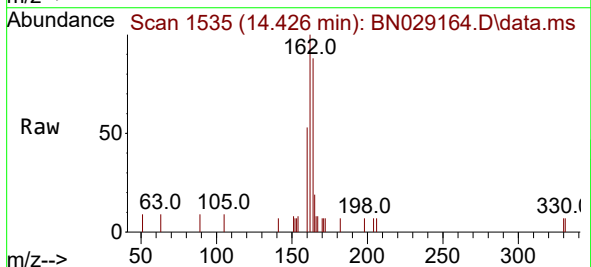
Instrument :
BNA_N
ClientSampleId :
SP-201-20231218

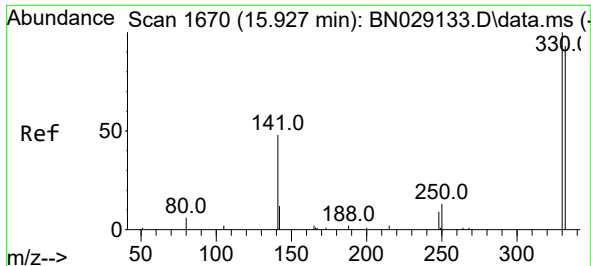
Tgt Ion:152 Resp: 671
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.426 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:164 Resp: 1069
Ion Ratio Lower Upper
164 100
162 113.5 85.0 127.4
160 60.7 45.8 68.8

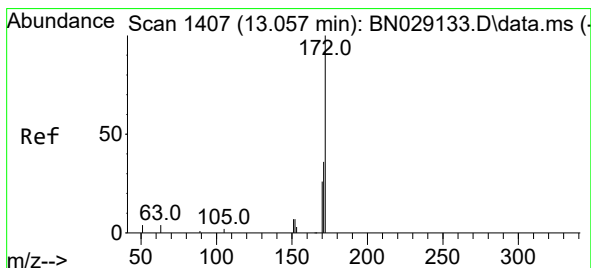
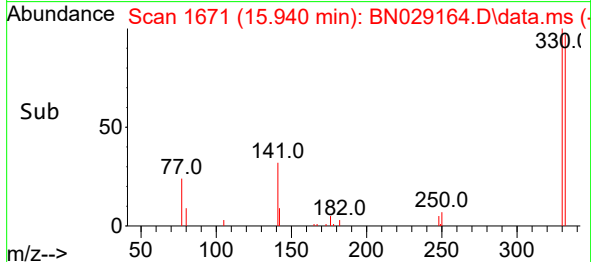
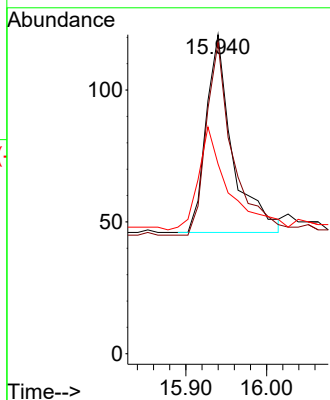
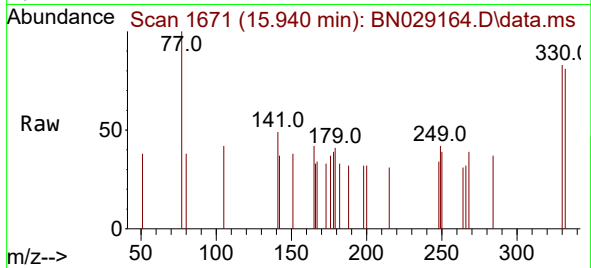




#14
2,4,6-Tribromophenol
Concen: 0.182 ng
RT: 15.940 min Scan# 1671
Delta R.T. 0.012 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

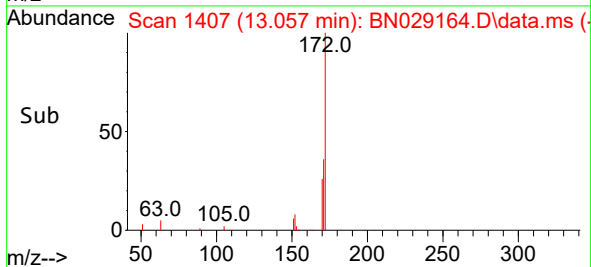
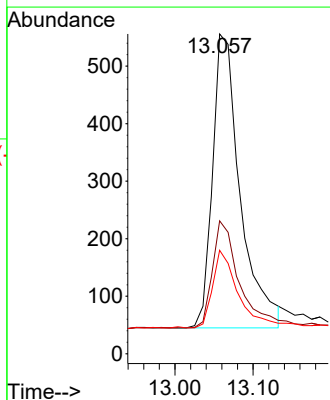
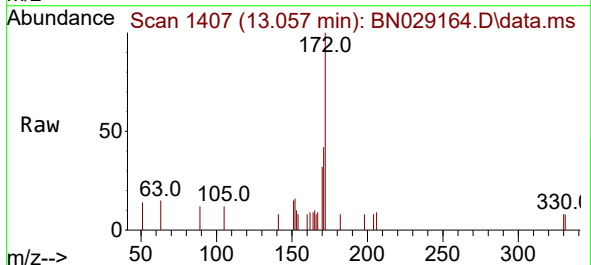
Instrument :
BNA_N
ClientSampleId :
SP-201-20231218

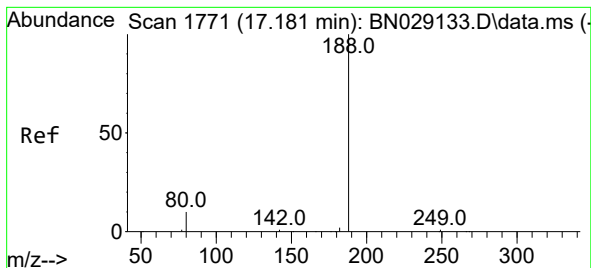
Tgt Ion:330 Resp: 170
Ion Ratio Lower Upper
330 100
332 100.0 83.4 125.0
141 59.4 43.8 65.8



#15
2-Fluorobiphenyl
Concen: 0.201 ng
RT: 13.057 min Scan# 1407
Delta R.T. -0.000 min
Lab File: BN029164.D
Acq: 21 Dec 2023 23:19

Tgt Ion:172 Resp: 1257
Ion Ratio Lower Upper
172 100
171 41.5 32.2 48.4
170 32.4 25.0 37.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.181 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

Instrument :

BNA_N

ClientSampleId :

SP-201-20231218

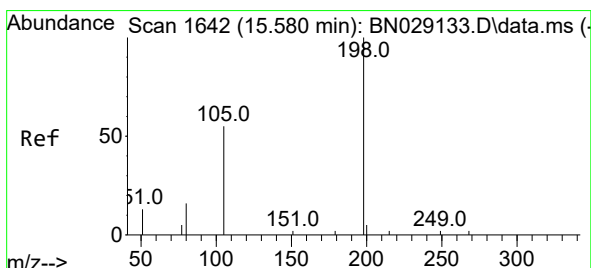
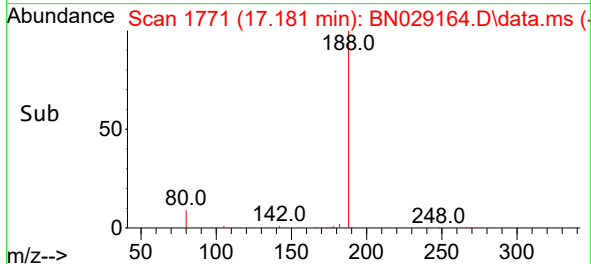
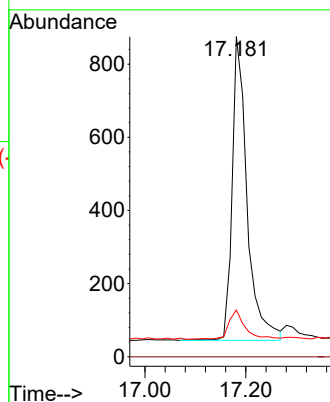
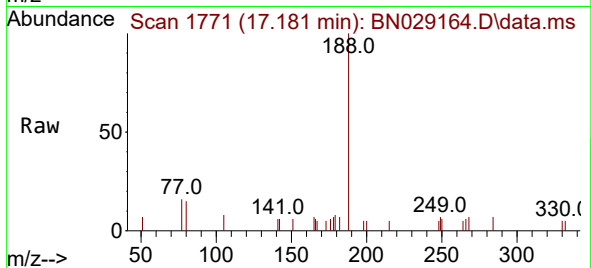
Tgt Ion:188 Resp: 1707

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 13.7 20.5



#20

4,6-Dinitro-2-methylphenol

Concen: 0.068 ng

RT: 15.592 min Scan# 1643

Delta R.T. 0.012 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

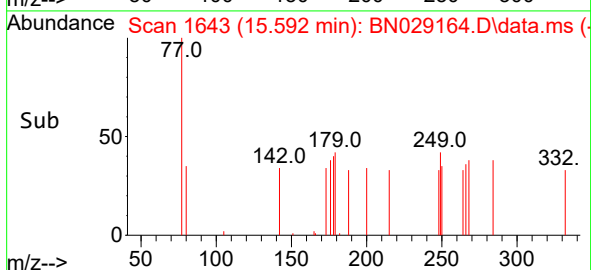
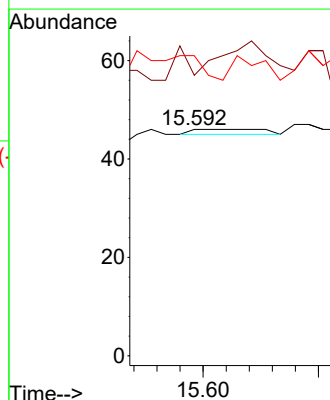
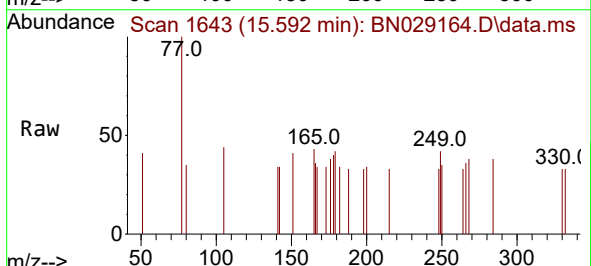
Tgt Ion:198 Resp: 4

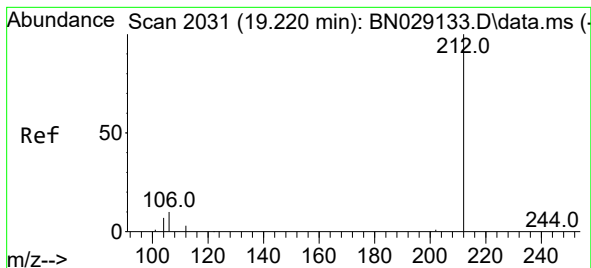
Ion Ratio Lower Upper

198 100

51 123.9 53.6 80.4#

105 132.6 65.6 98.4#





#27

Fluoranthene-d10

Concen: 0.240 ng

RT: 19.220 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

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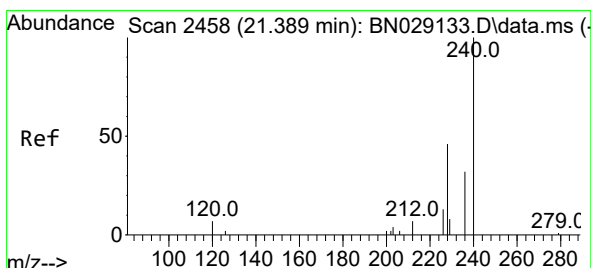
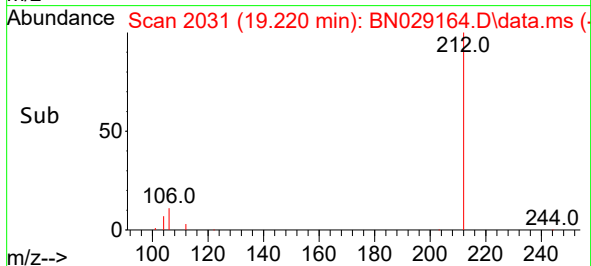
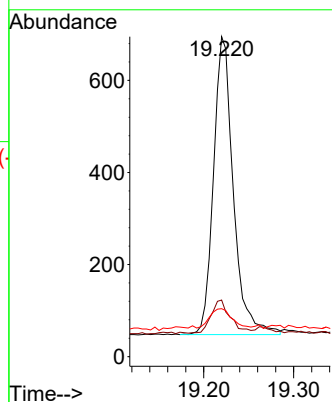
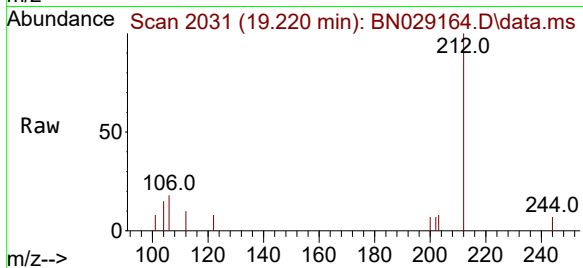
Tgt Ion:212 Resp: 991

Ion Ratio Lower Upper

212 100

106 10.9 9.6 14.4

104 8.3 6.5 9.7



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.389 min Scan# 2458

Delta R.T. -0.000 min

Lab File: BN029164.D

Acq: 21 Dec 2023 23:19

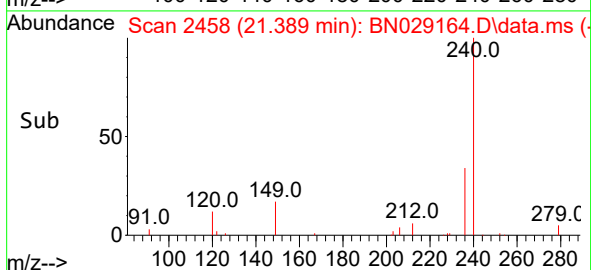
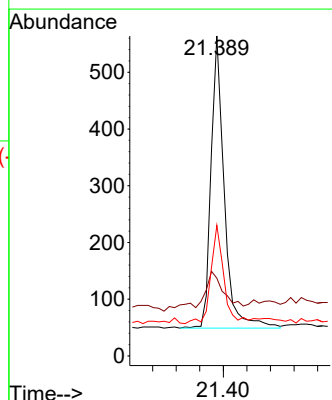
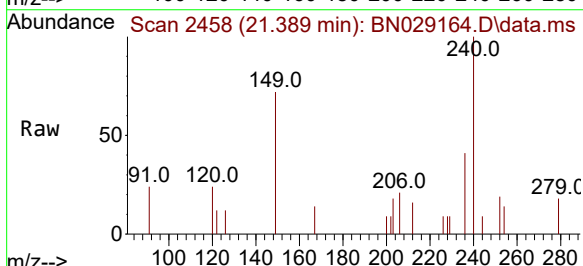
Tgt Ion:240 Resp: 804

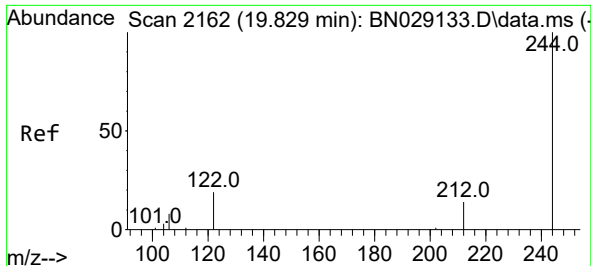
Ion Ratio Lower Upper

240 100

120 24.3 21.4 32.0

236 40.8 33.5 50.3

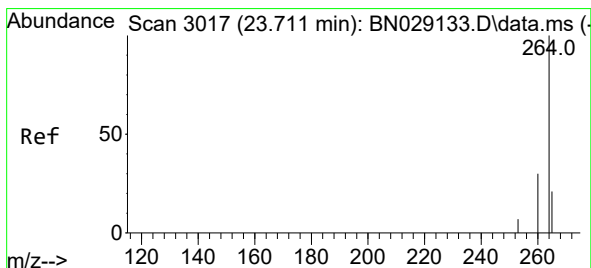
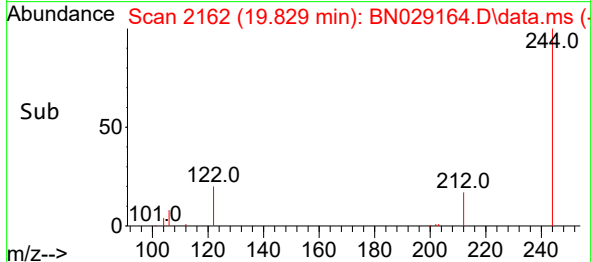
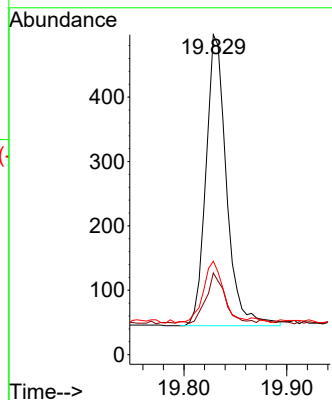
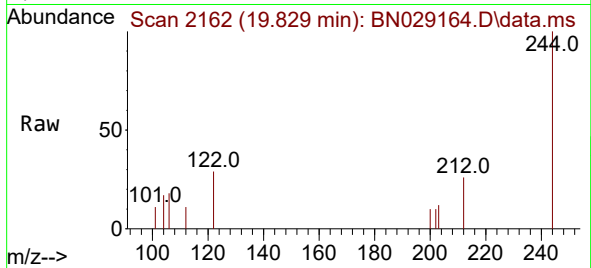




#31
 Terphenyl-d14
 Concen: 0.284 ng
 RT: 19.829 min Scan# 2162
 Delta R.T. 0.000 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

Instrument :
 BNA_N
 ClientSampleId :
 SP-201-20231218

Tgt Ion:244 Resp: 627
 Ion Ratio Lower Upper
 244 100
 212 25.6 19.0 28.6
 122 29.2 22.5 33.7



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.714 min Scan# 3018
 Delta R.T. 0.003 min
 Lab File: BN029164.D
 Acq: 21 Dec 2023 23:19

Tgt Ion:264 Resp: 1028
 Ion Ratio Lower Upper
 264 100
 260 32.8 31.0 46.6
 265 109.6 105.3 157.9

