

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029103.D
 Acq On : 07 Dec 2023 22:32
 Operator : MA/JU
 Sample : 05404-10DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109DL

Quant Time: Dec 07 23:28:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 00:49:47 2023
 Response via : Initial Calibration

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

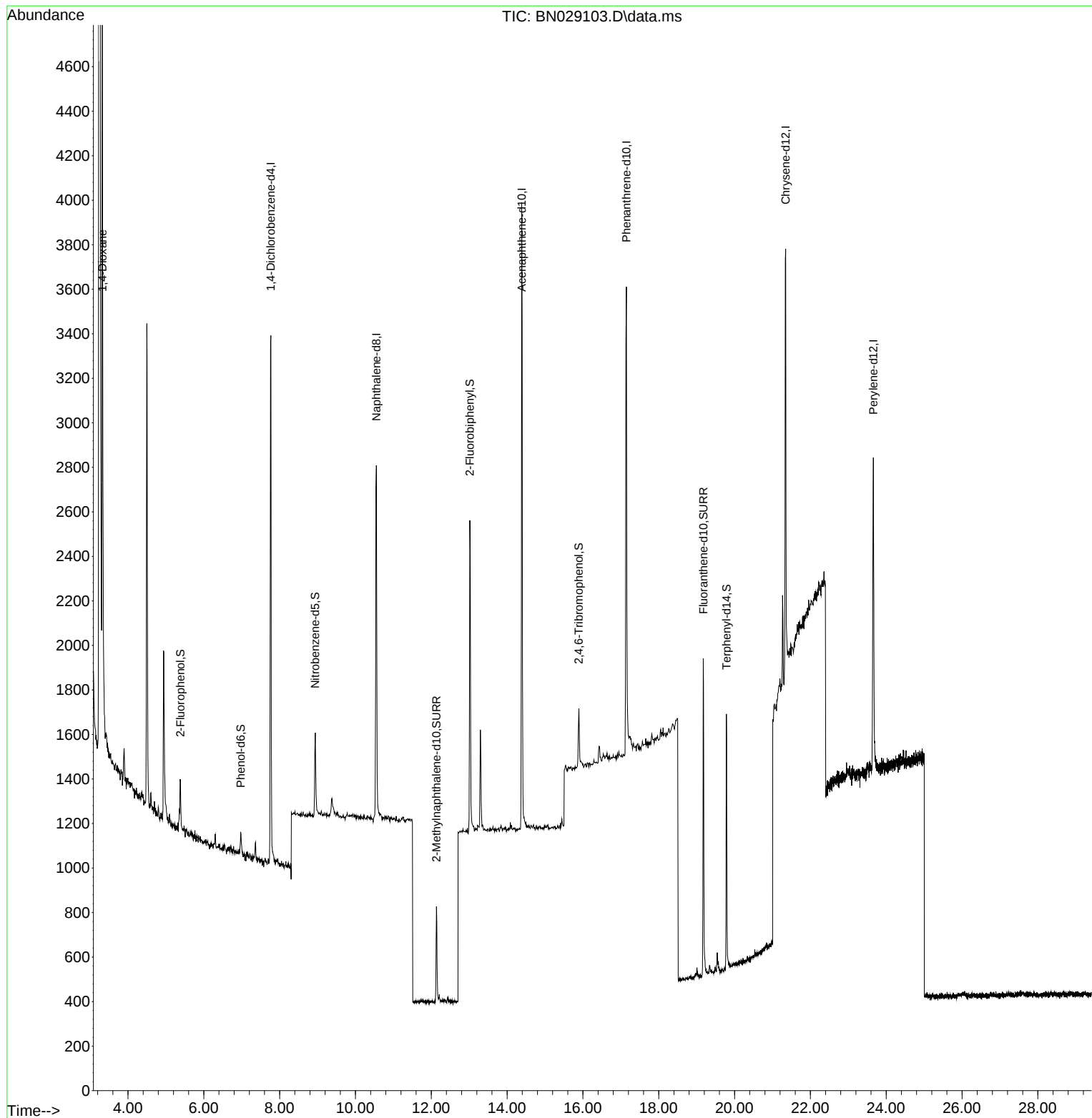
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	1245	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	2396	0.400	ng	-0.01
13) Acenaphthene-d10	14.385	164	1727	0.400	ng	-0.01
19) Phenanthrene-d10	17.146	188	3748	0.400	ng	0.00
29) Chrysene-d12	21.347	240	2096	0.400	ng	# 0.00
35) Perylene-d12	23.661	264	1983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	156	0.055	ng	0.00
5) Phenol-d6	6.973	99	103	0.031	ng	0.00
8) Nitrobenzene-d5	8.939	82	431	0.149	ng	0.00
11) 2-Methylnaphthalene-d10	12.136	152	612	0.122	ng	-0.01
14) 2,4,6-Tribromophenol	15.893	330	197	0.103	ng	0.00
15) 2-Fluorobiphenyl	13.017	172	1393	0.156	ng	-0.01
27) Fluoranthene-d10	19.176	212	1798	0.153	ng	0.00
31) Terphenyl-d14	19.785	244	1207	0.228	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.326	88	3083	3.075	ng	Qvalue 100

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

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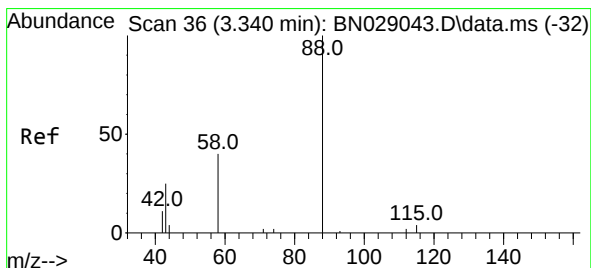
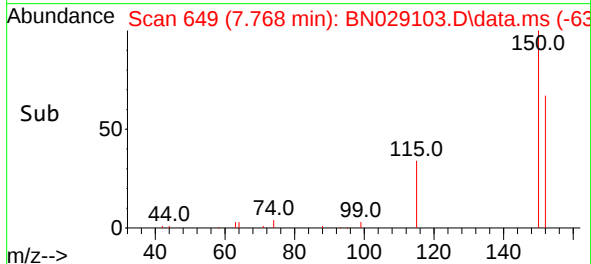
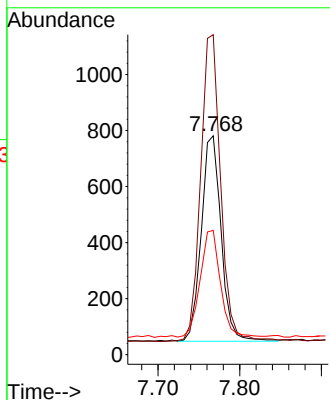
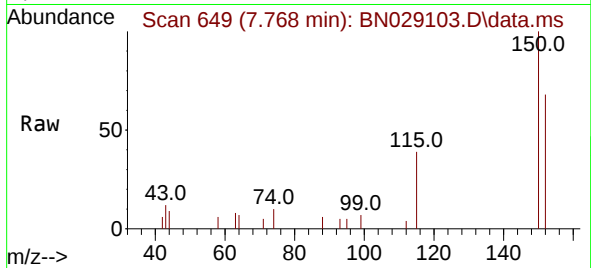




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.768 min Scan# 64
 Delta R.T. -0.007 min
 Lab File: BN029103.D
 Acq: 07 Dec 2023 22:32

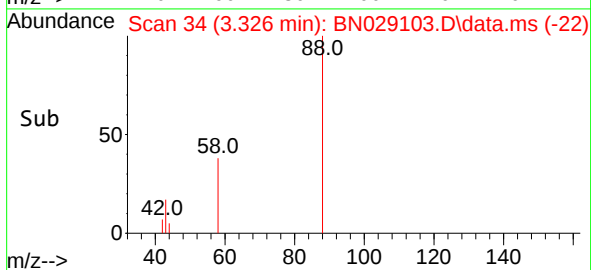
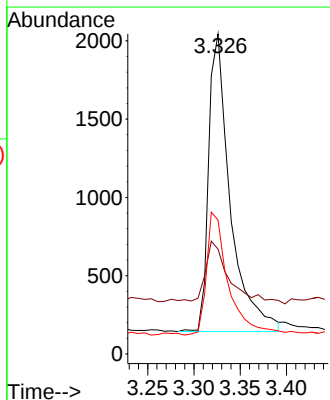
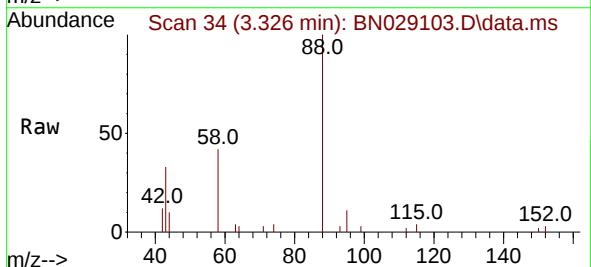
Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109DL

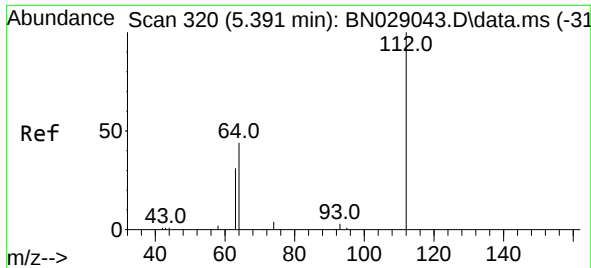
Tgt Ion:152 Resp: 1245
 Ion Ratio Lower Upper
 152 100
 150 146.2 116.2 174.4
 115 56.9 45.1 67.7



#2
 1,4-Dioxane
 Concen: 3.075 ng
 RT: 3.326 min Scan# 34
 Delta R.T. -0.014 min
 Lab File: BN029103.D
 Acq: 07 Dec 2023 22:32

Tgt Ion: 88 Resp: 3083
 Ion Ratio Lower Upper
 88 100
 43 19.8 15.6 23.4
 58 41.5 33.2 49.8

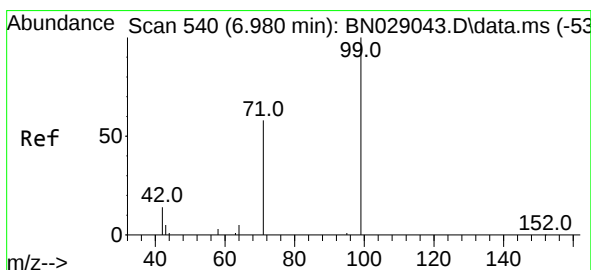
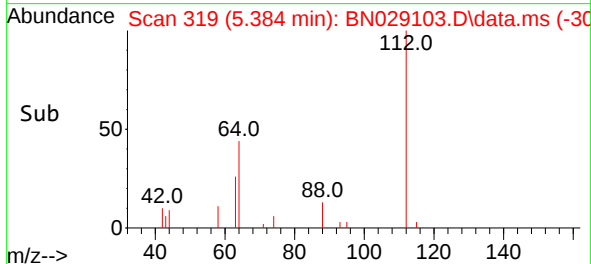
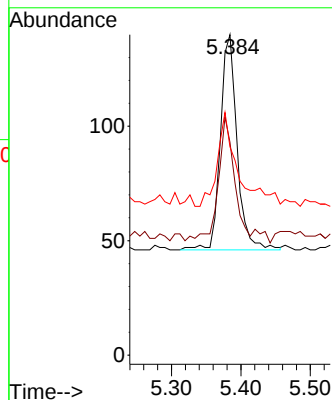
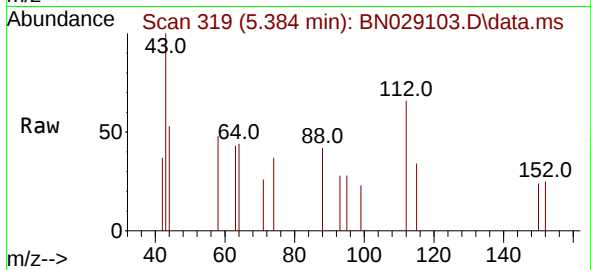




#4
2-Fluorophenol
Concen: 0.055 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.007 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

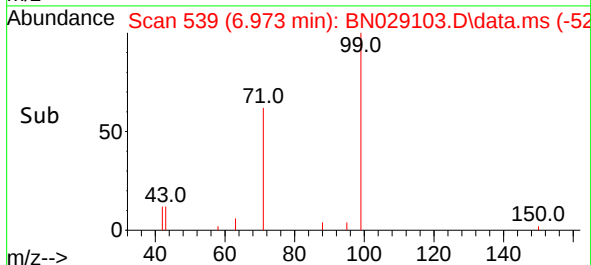
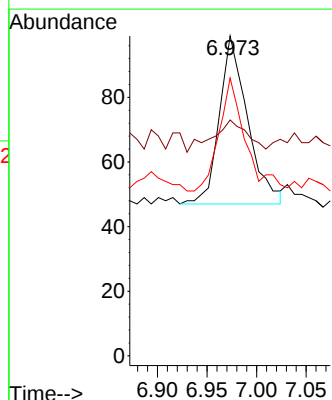
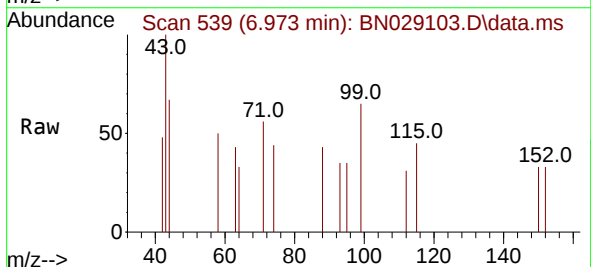
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109DL

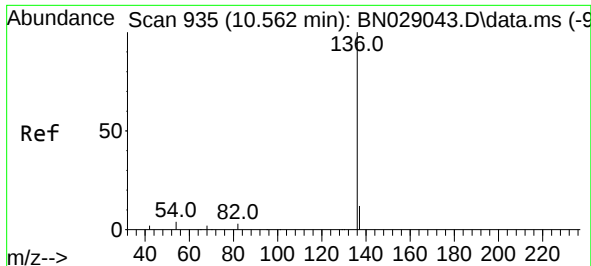
Tgt Ion:112 Resp: 156
Ion Ratio Lower Upper
112 100
64 55.1 37.0 55.6
63 56.4 29.0 43.6#



#5
Phenol-d6
Concen: 0.031 ng
RT: 6.973 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion: 99 Resp: 103
Ion Ratio Lower Upper
99 100
42 23.3 13.4 20.2#
71 62.1 47.8 71.6

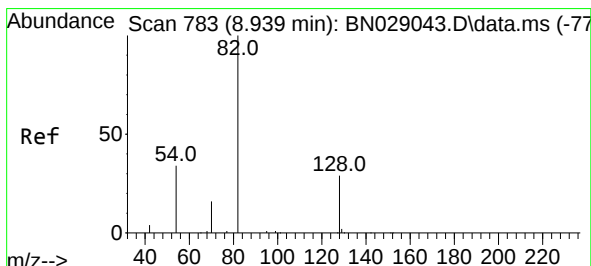
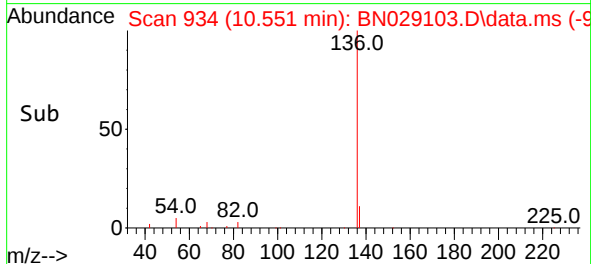
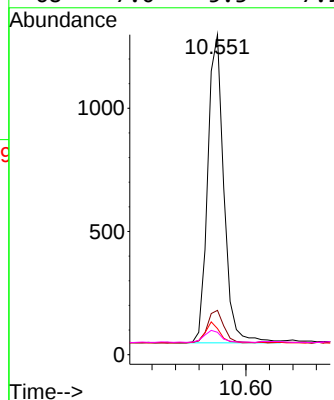
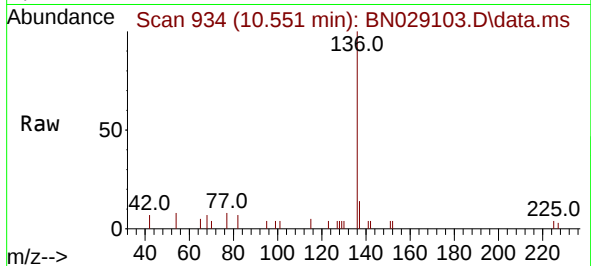




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 91
Delta R.T. -0.011 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

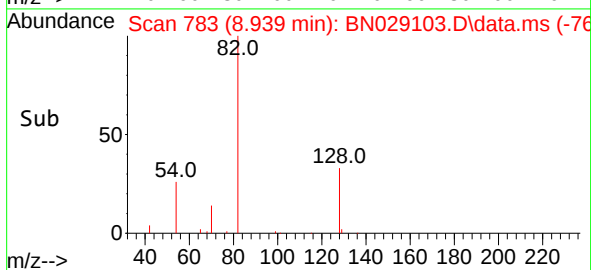
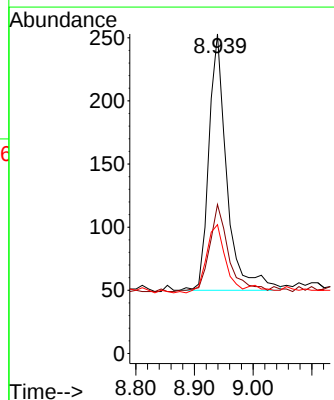
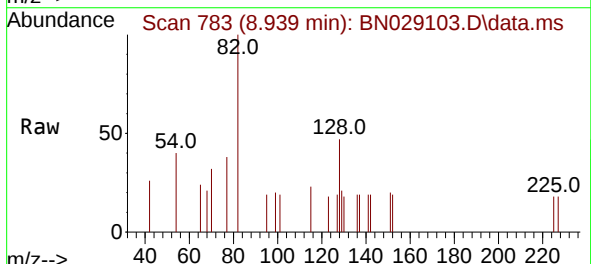
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109DL

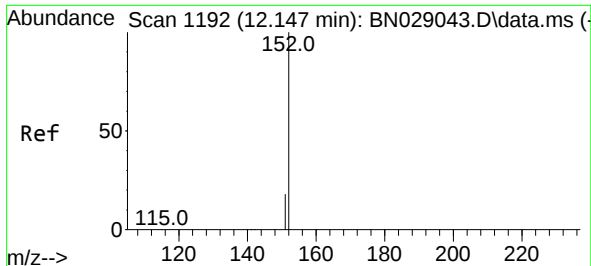
Tgt Ion:	136	Resp:	2396
Ion	Ratio	Lower	Upper
136	100		
137	13.9	11.9	17.9
54	8.2	6.4	9.6
68	7.0	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.149 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:	82	Resp:	431
Ion	Ratio	Lower	Upper
82	100		
128	46.6	28.2	42.4#
54	40.3	32.1	48.1

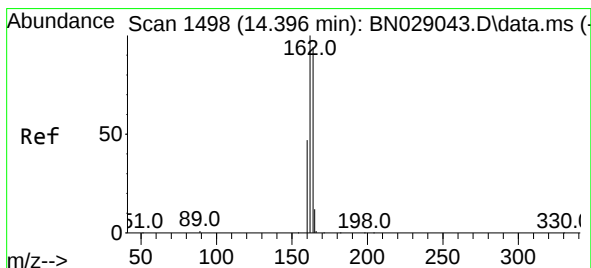
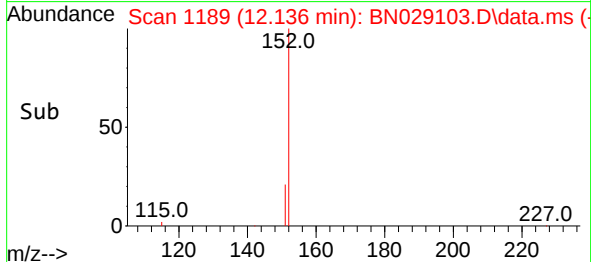
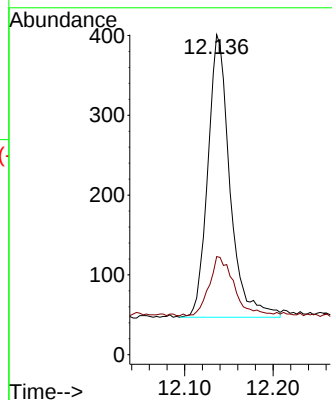
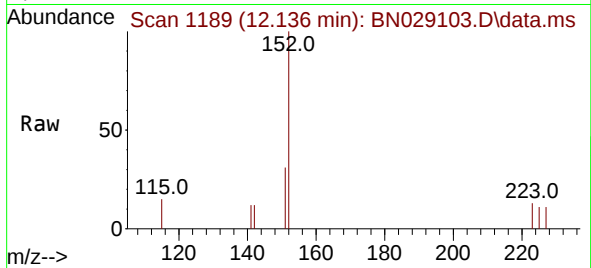




#11
2-Methylnaphthalene-d10
Concen: 0.122 ng
RT: 12.136 min Scan# 1192
Delta R.T. -0.011 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

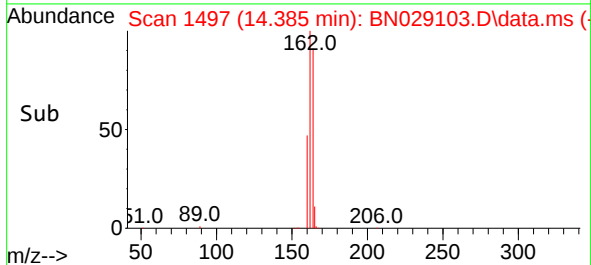
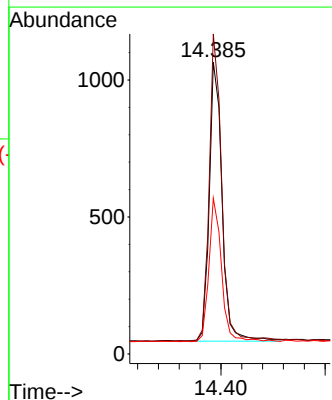
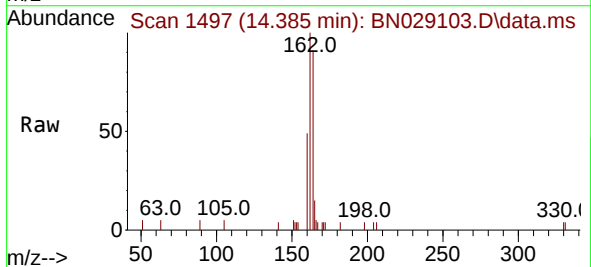
Instrument :
BNA_N
ClientSampleId :
RE134D3-20231109DL

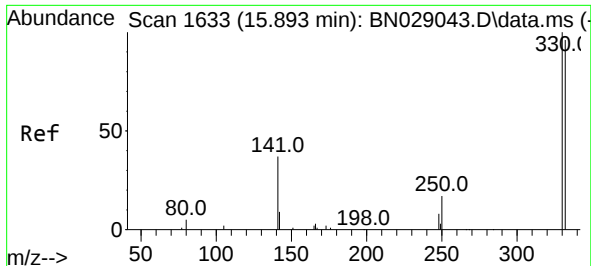
Tgt Ion:152 Resp: 612
Ion Ratio Lower Upper
152 100
151 23.4 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.385 min Scan# 1497
Delta R.T. -0.011 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:164 Resp: 1727
Ion Ratio Lower Upper
164 100
162 109.7 85.0 127.6
160 53.3 41.3 61.9

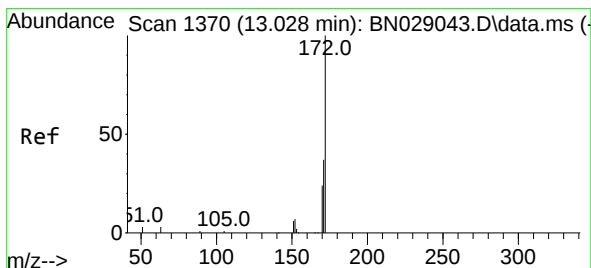
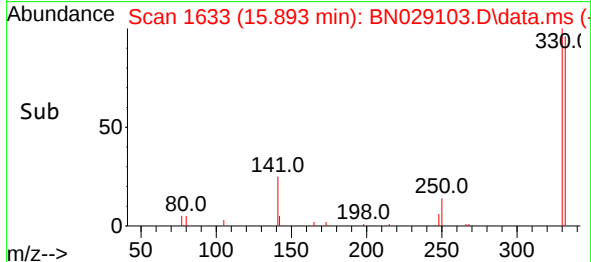
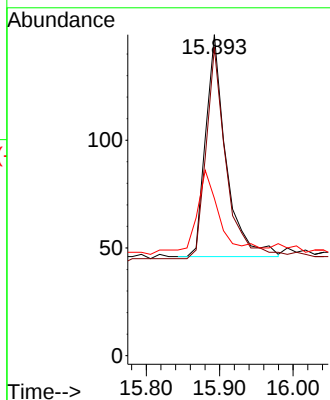
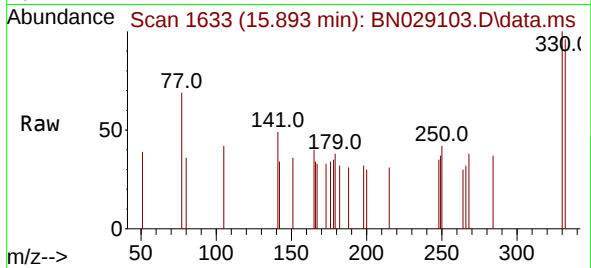




#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.893 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

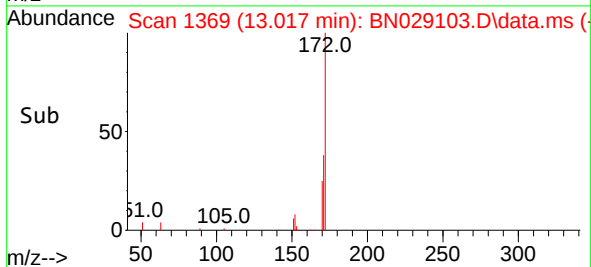
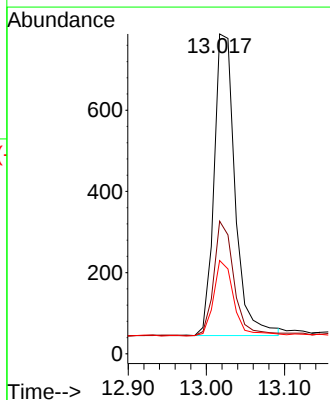
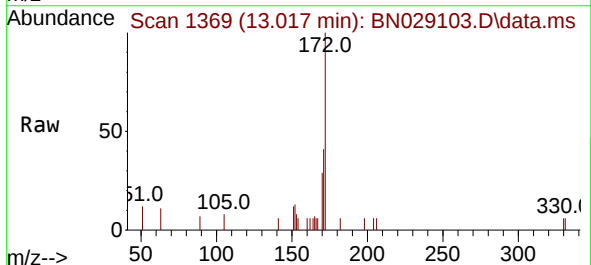
Instrument :
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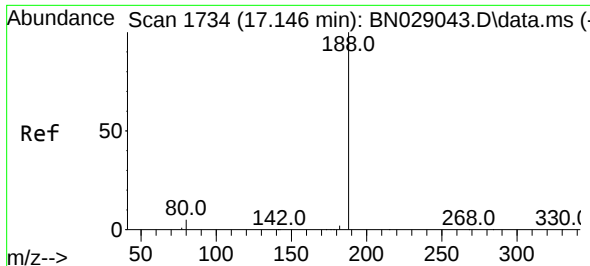
Tgt Ion:330 Resp: 197
Ion Ratio Lower Upper
330 100
332 93.9 78.8 118.2
141 46.2 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.156 ng
RT: 13.017 min Scan# 1369
Delta R.T. -0.011 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:172 Resp: 1393
Ion Ratio Lower Upper
172 100
171 41.5 30.1 45.1
170 29.2 20.3 30.5

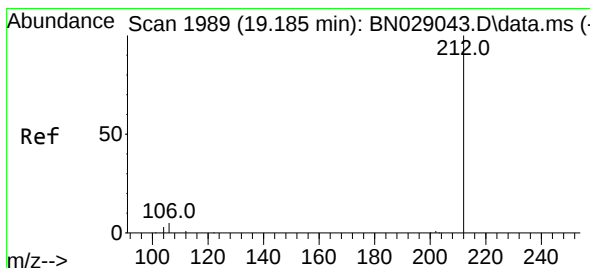
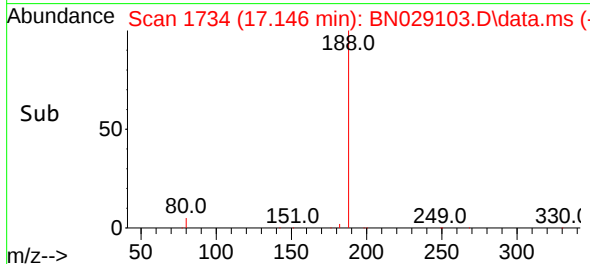
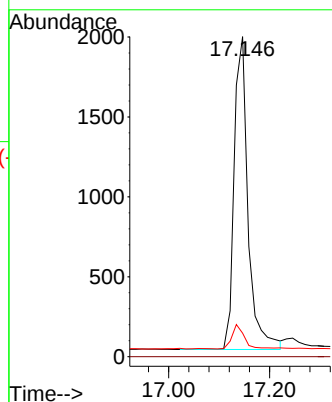
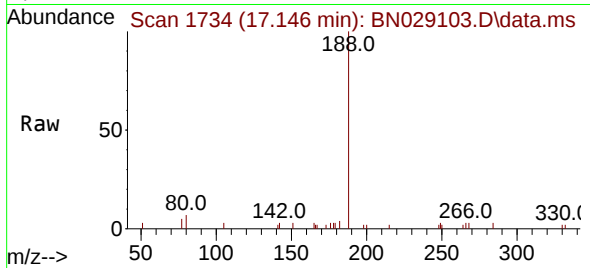




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

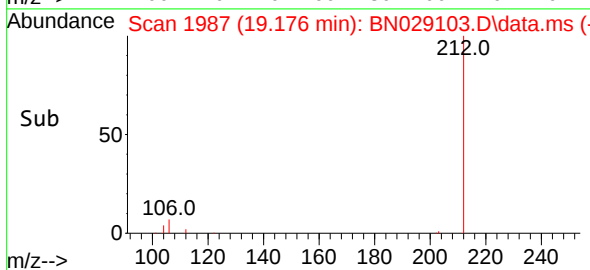
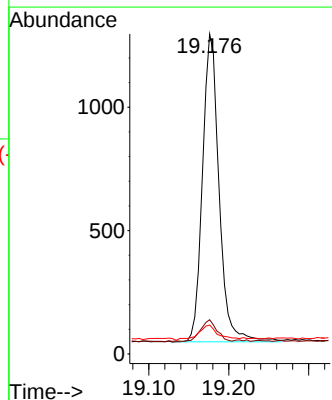
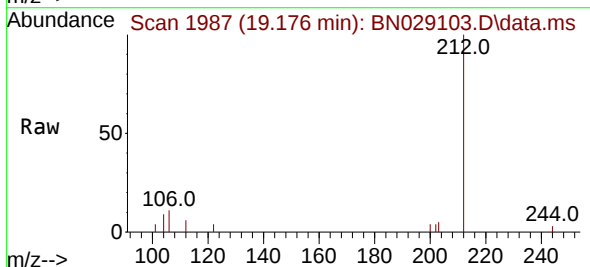
Instrument :
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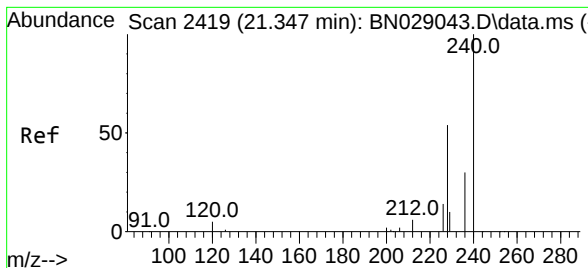
Tgt Ion:188 Resp: 3748
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.3 5.4 8.0



#27
Fluoranthene-d10
Concen: 0.153 ng
RT: 19.176 min Scan# 1987
Delta R.T. -0.009 min
Lab File: BN029103.D
Acq: 07 Dec 2023 22:32

Tgt Ion:212 Resp: 1798
Ion Ratio Lower Upper
212 100
106 6.8 3.9 5.9#
104 6.1 2.6 3.8#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.347 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

Instrument :

BNA_N

ClientSampleId :

RE134D3-20231109DL

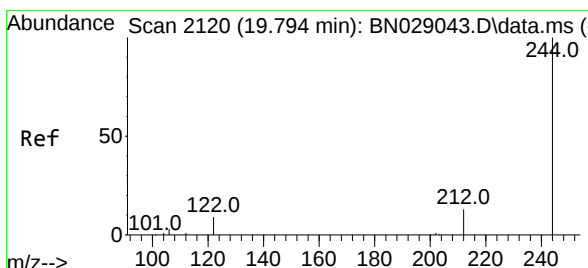
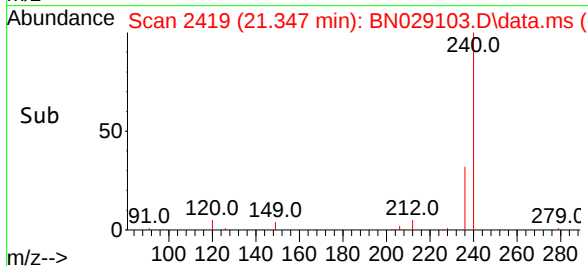
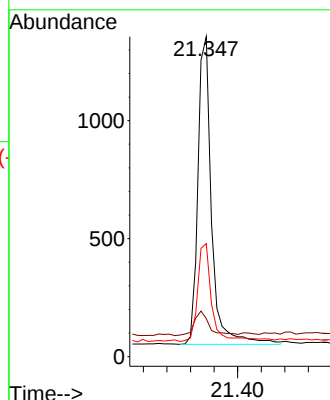
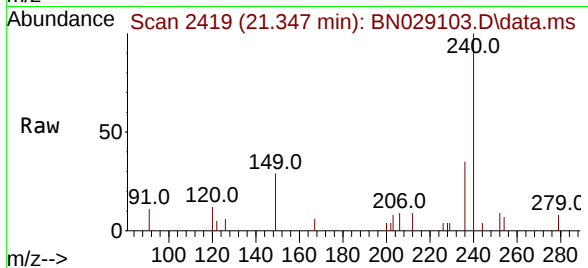
Tgt Ion:240 Resp: 2096

Ion Ratio Lower Upper

240 100

120 11.9 6.7 10.1#

236 35.3 25.7 38.5



#31

Terphenyl-d14

Concen: 0.228 ng

RT: 19.785 min Scan# 2118

Delta R.T. -0.009 min

Lab File: BN029103.D

Acq: 07 Dec 2023 22:32

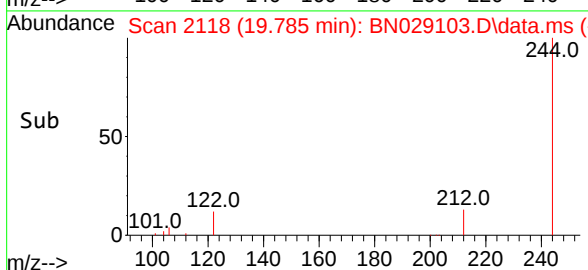
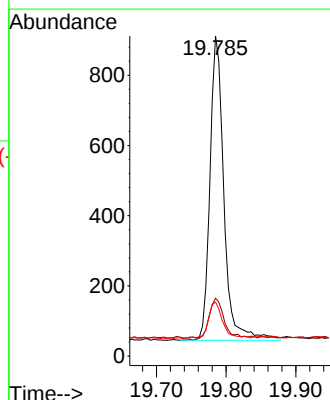
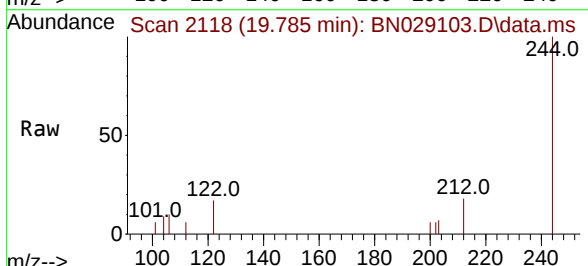
Tgt Ion:244 Resp: 1207

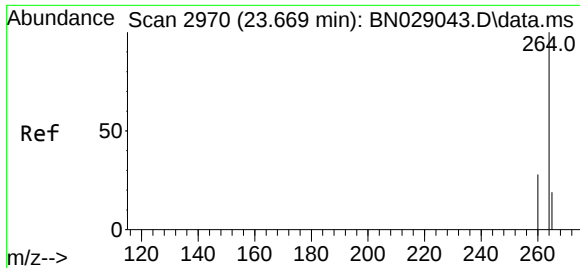
Ion Ratio Lower Upper

244 100

212 18.1 11.6 17.4#

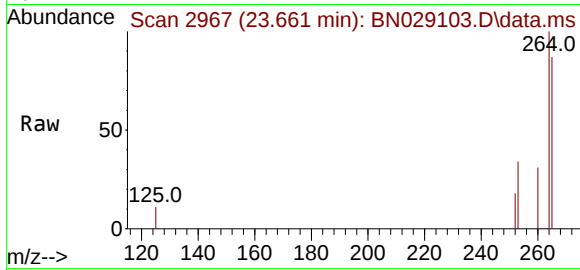
122 16.9 8.2 12.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.661 min Scan# 2967
 Delta R.T. -0.009 min
 Lab File: BN029103.D
 Acq: 07 Dec 2023 22:32

Instrument :
 BNA_N
 ClientSampleId :
 RE134D3-20231109DL



Tgt Ion:264 Resp: 1983

Ion	Ratio	Lower	Upper
264	100		
260	31.5	23.9	35.9
265	86.5	52.7	79.1#

