

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
 Data File : BN029122.D
 Acq On : 08 Dec 2023 11:07
 Operator : MA/JU
 Sample : 05425-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 O-1(20)(15-20)

Quant Time: Dec 08 11:38:08 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)

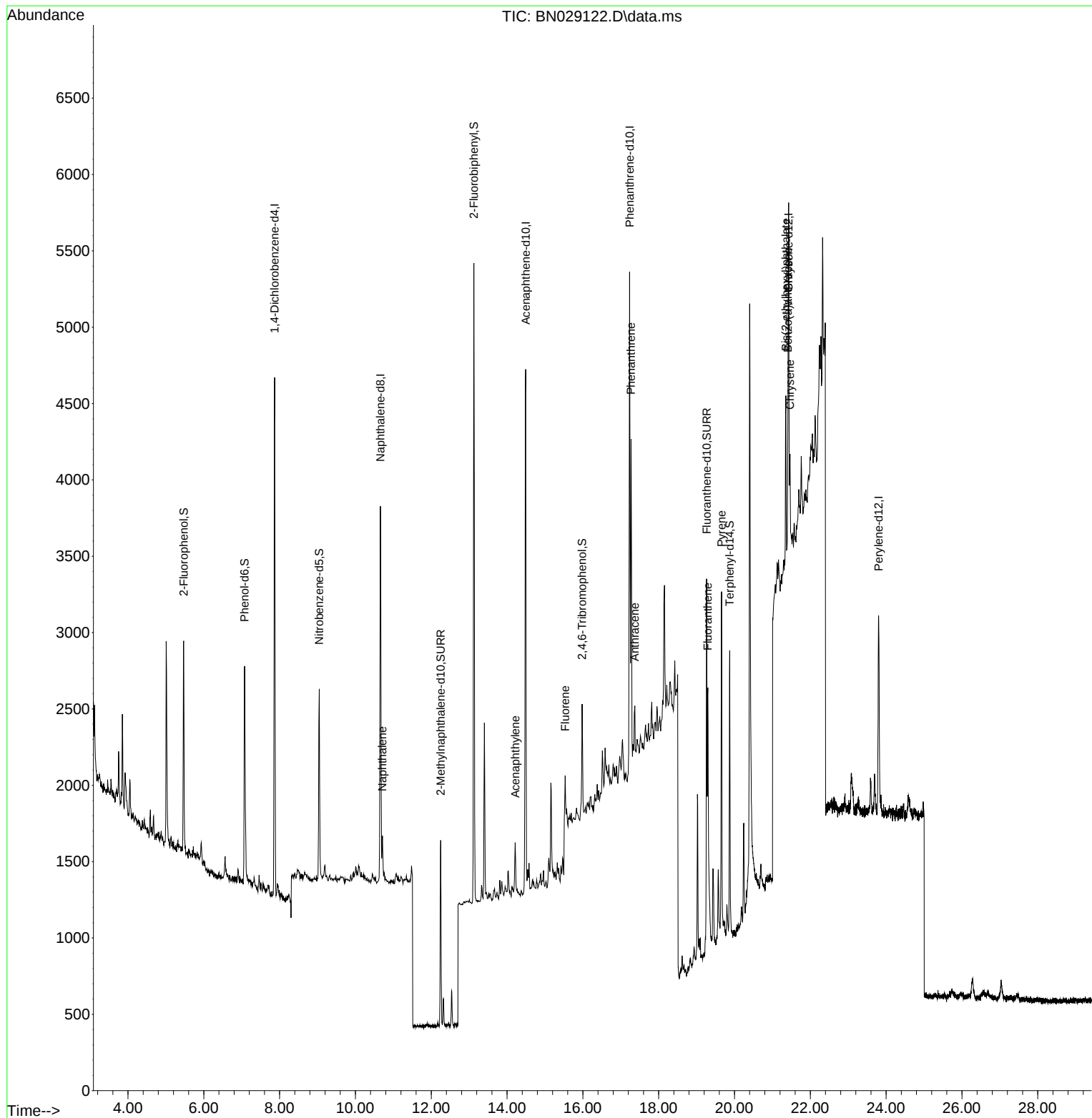
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	1678	0.400	ng	0.09
7) Naphthalene-d8	10.658	136	3268	0.400	ng	0.10
13) Acenaphthene-d10	14.492	164	2016	0.400	ng	0.10
19) Phenanthrene-d10	17.233	188	4277	0.400	ng	# 0.09
29) Chrysene-d12	21.427	240	1818	0.400	ng	# 0.08
35) Perylene-d12	23.801	264	1852	0.400	ng	# 0.13
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	1089	0.287	ng	0.08
5) Phenol-d6	7.074	99	1266	0.279	ng	0.09
8) Nitrobenzene-d5	9.046	82	1223	0.310	ng	0.11
11) 2-Methylnaphthalene-d10	12.249	152	1583	0.231	ng	0.10
14) 2,4,6-Tribromophenol	15.980	330	404	0.181	ng	0.09
15) 2-Fluorobiphenyl	13.124	172	3409	0.327	ng	0.10
27) Fluoranthene-d10	19.264	212	2764	0.206	ng	0.08
31) Terphenyl-d14	19.873	244	1666	0.362	ng	0.08
Target Compounds						Qvalue
9) Naphthalene	10.712	128	334	0.033	ng	# 62
16) Acenaphthylene	14.214	152	353	0.032	ng	# 94
18) Fluorene	15.533	166	251	0.023	ng	92
25) Phenanthrene	17.270	178	2248	0.157	ng	# 95
26) Anthracene	17.370	178	375	0.027	ng	# 92
28) Fluoranthene	19.292	202	1346	0.069	ng	# 94
30) Pyrene	19.659	202	1945	0.173	ng	# 93
32) Benzo(a)anthracene	21.409	228	485	0.053	ng	# 53
33) Chrysene	21.463	228	467	0.051	ng	# 61
34) Bis(2-ethylhexyl)phtha...	21.356	149	1133	0.199	ng	99

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

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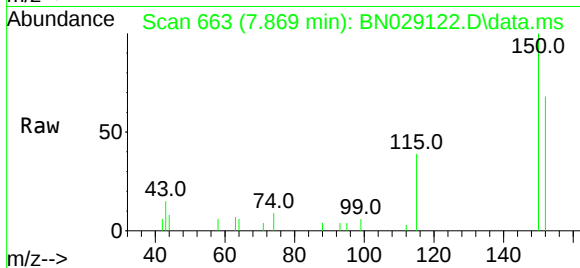
Quant Time: Dec 08 11:38:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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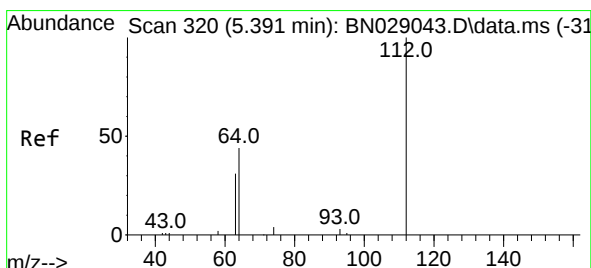
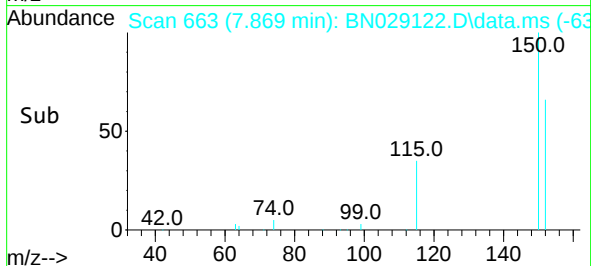
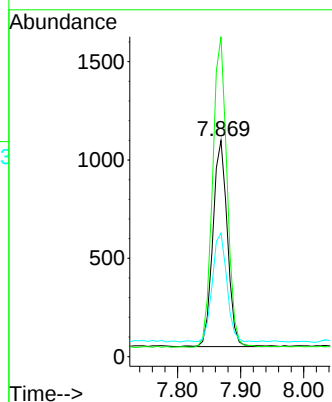


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 61
Delta R.T. 0.094 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

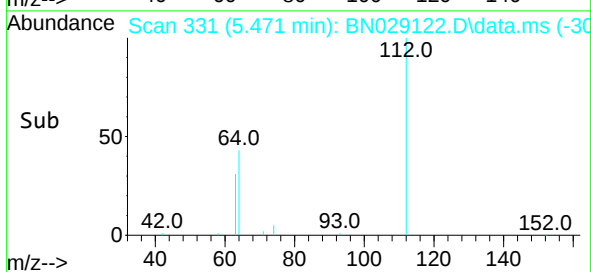
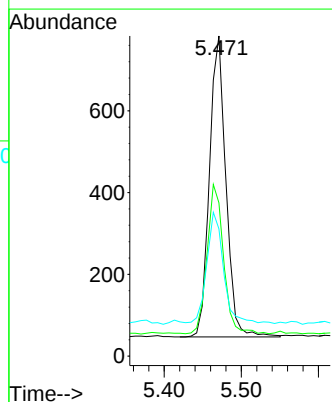
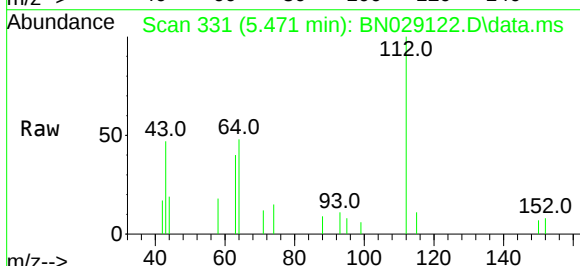


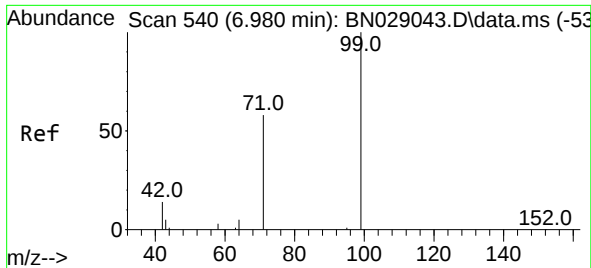
Tgt Ion:152 Resp: 1678
Ion Ratio Lower Upper
152 100
150 148.0 116.2 174.4
115 57.2 45.1 67.7



#4
2-Fluorophenol
Concen: 0.287 ng
RT: 5.471 min Scan# 331
Delta R.T. 0.079 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion:112 Resp: 1089
Ion Ratio Lower Upper
112 100
64 49.6 37.0 55.6
63 38.8 29.0 43.6

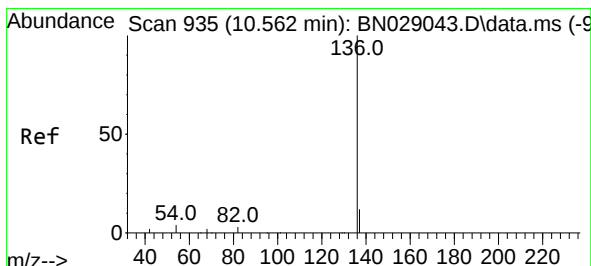
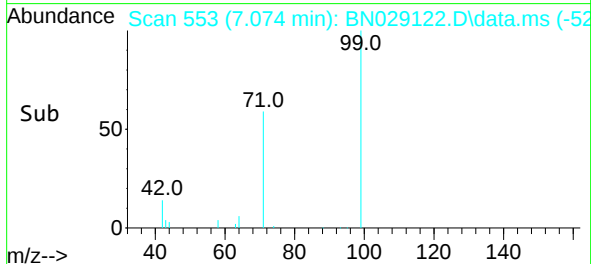
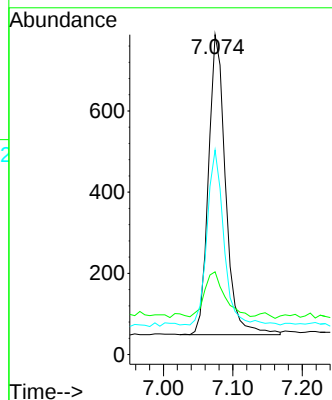
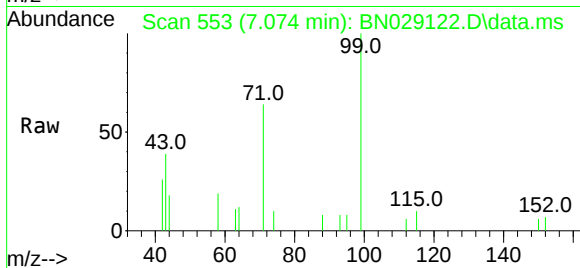




#5
Phenol-d6
Concen: 0.279 ng
RT: 7.074 min Scan# 51
Delta R.T. 0.094 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

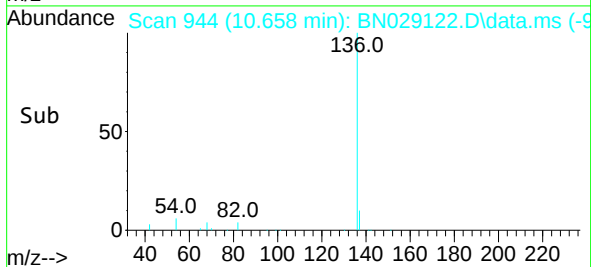
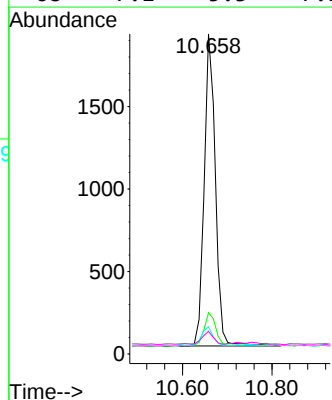
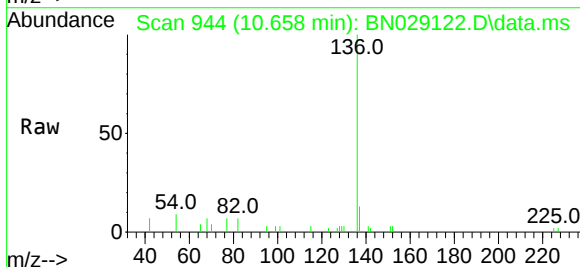
Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

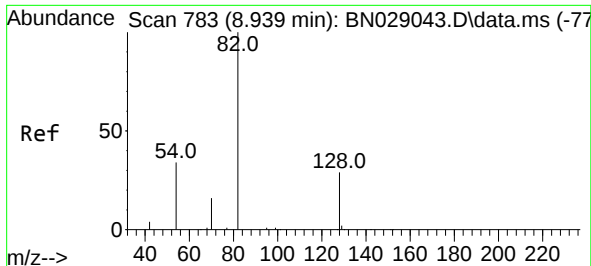
Tgt Ion: 99	Resp: 1266
Ion Ratio	Lower Upper
99 100	
42 17.5	13.4 20.2
71 58.1	47.8 71.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 944
Delta R.T. 0.096 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion: 136	Resp: 3268
Ion Ratio	Lower Upper
136 100	
137 12.9	11.9 17.9
54 8.6	6.4 9.6
68 7.1	5.3 7.9

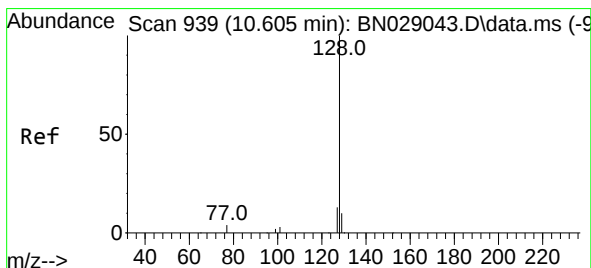
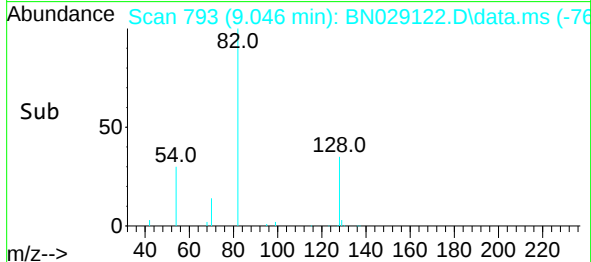
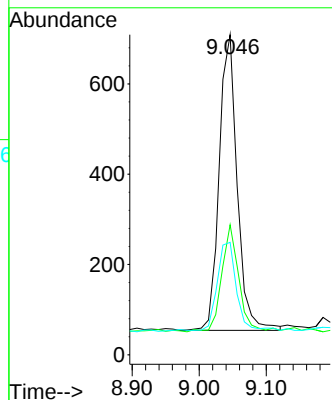
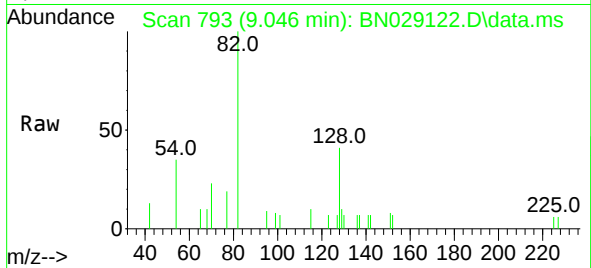




#8
Nitrobenzene-d5
Concen: 0.310 ng
RT: 9.046 min Scan# 714
Delta R.T. 0.107 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

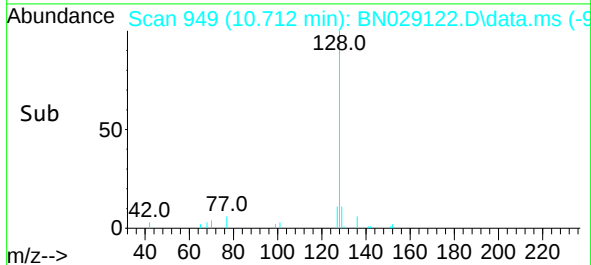
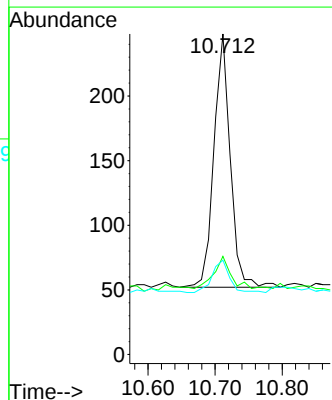
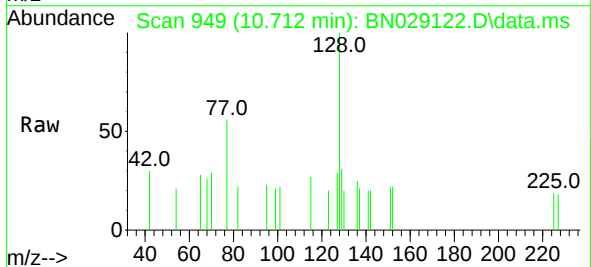
Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

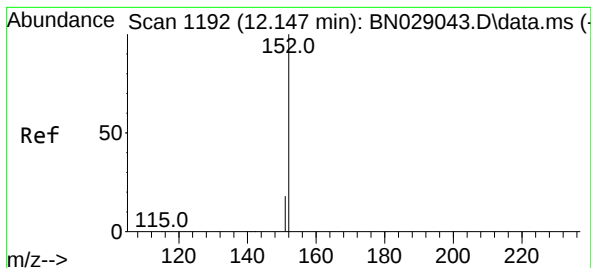
Tgt Ion: 82 Resp: 1223
Ion Ratio Lower Upper
82 100
128 40.6 28.2 42.4
54 35.1 32.1 48.1



#9
Naphthalene
Concen: 0.033 ng
RT: 10.712 min Scan# 949
Delta R.T. 0.107 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion: 128 Resp: 334
Ion Ratio Lower Upper
128 100
129 30.6 10.5 15.7#
127 29.4 12.5 18.7#

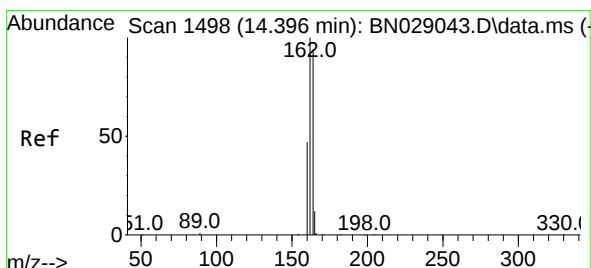
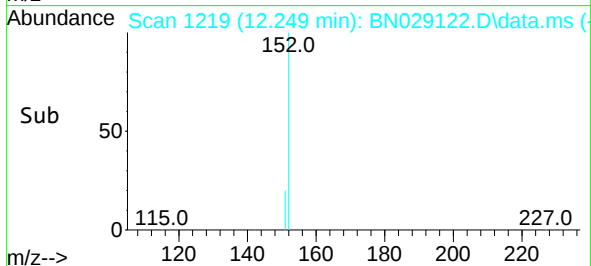
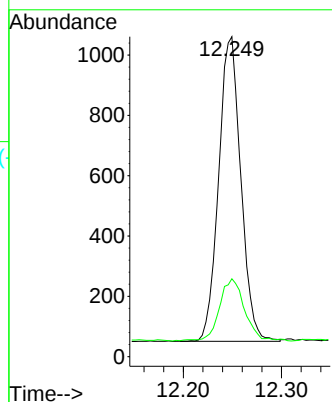
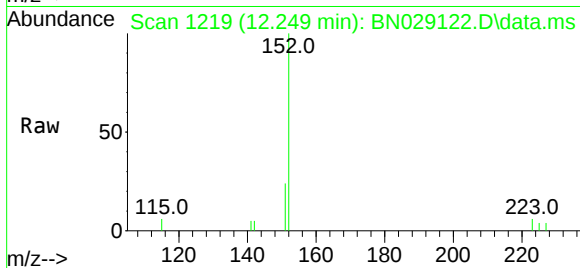




#11
2-Methylnaphthalene-d10
Concen: 0.231 ng
RT: 12.249 min Scan# 1192
Delta R.T. 0.102 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

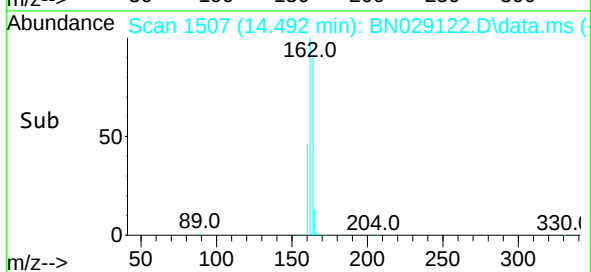
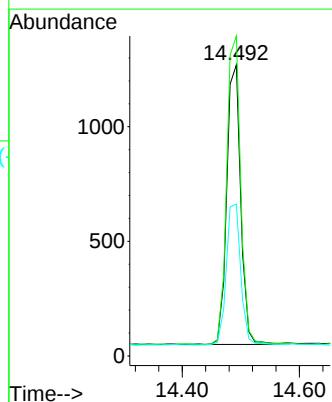
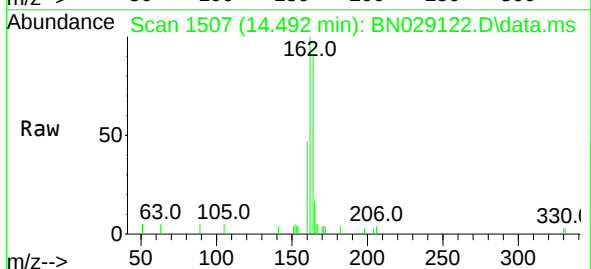
Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

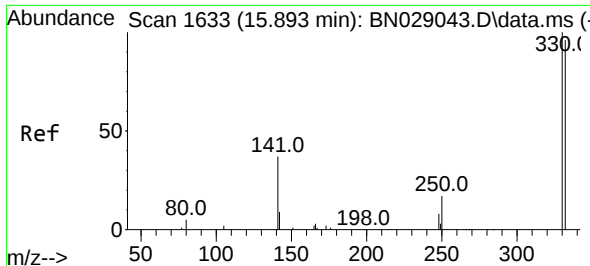
Tgt Ion:152 Resp: 1583
Ion Ratio Lower Upper
152 100
151 23.2 17.4 26.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.492 min Scan# 1507
Delta R.T. 0.096 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion:164 Resp: 2016
Ion Ratio Lower Upper
164 100
162 109.9 85.0 127.6
160 52.2 41.3 61.9

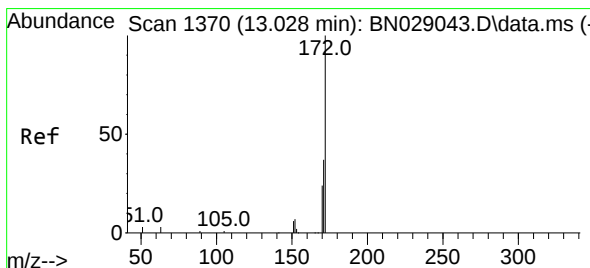
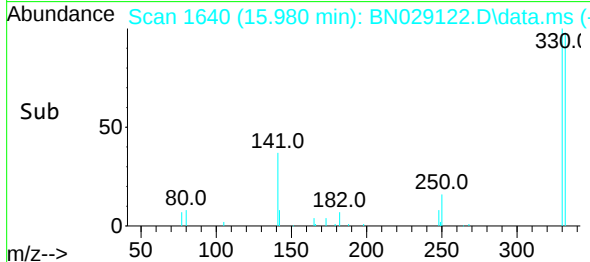
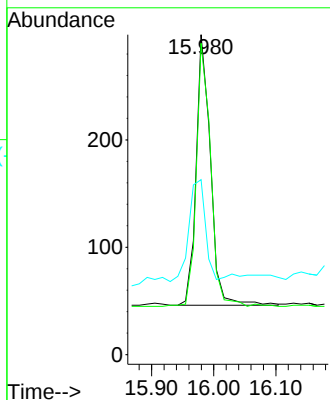
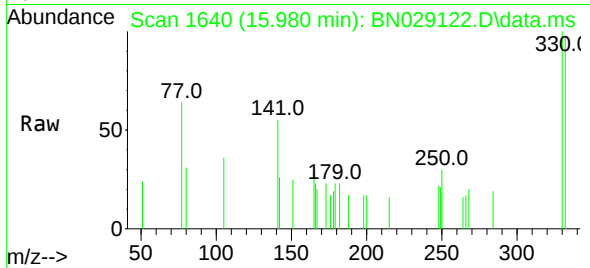




#14
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 15.980 min Scan# 1
Delta R.T. 0.087 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

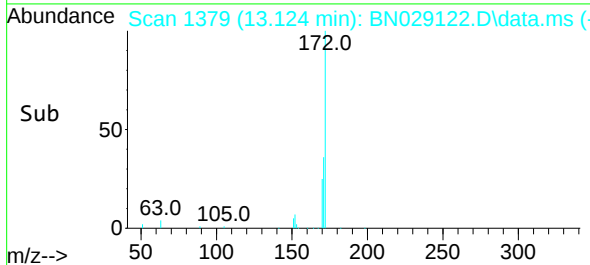
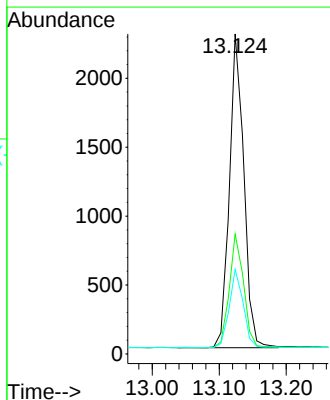
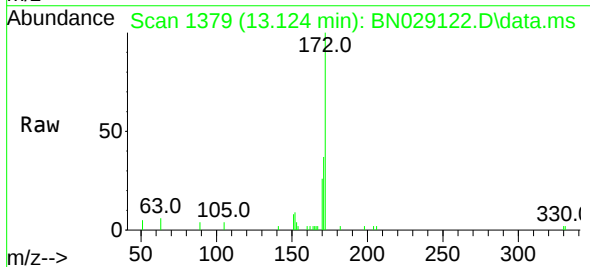
Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

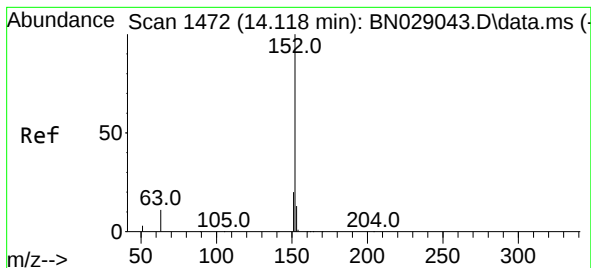
Tgt Ion:330 Resp: 404
Ion Ratio Lower Upper
330 100
332 97.3 78.8 118.2
141 44.1 28.7 43.1#



#15
2-Fluorobiphenyl
Concen: 0.327 ng
RT: 13.124 min Scan# 1379
Delta R.T. 0.096 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion:172 Resp: 3409
Ion Ratio Lower Upper
172 100
171 37.4 30.1 45.1
170 26.4 20.3 30.5





#16

Acenaphthylene

Concen: 0.032 ng

RT: 14.214 min Scan# 14

Delta R.T. 0.096 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

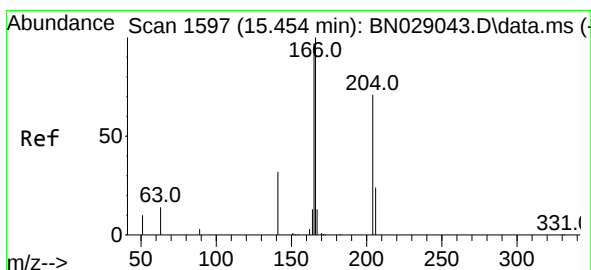
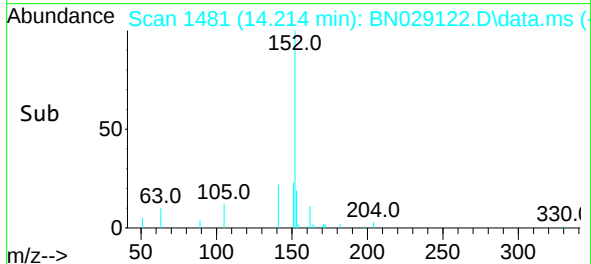
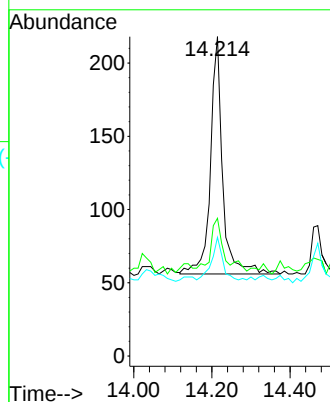
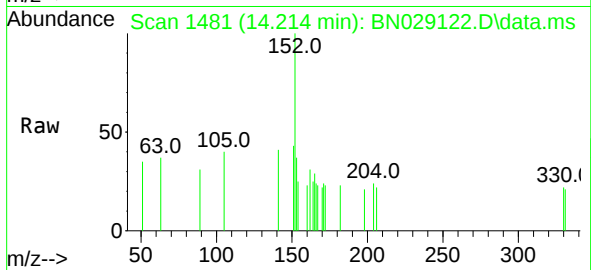
Instrument :

BNA_N

ClientSampleId :

O-1(20)(15-20)

Tgt Ion:152	Resp:	353
Ion	Ratio	Lower Upper
152	100	
151	18.1	15.8 23.6
153	16.4	10.3 15.5#



#18

Fluorene

Concen: 0.023 ng

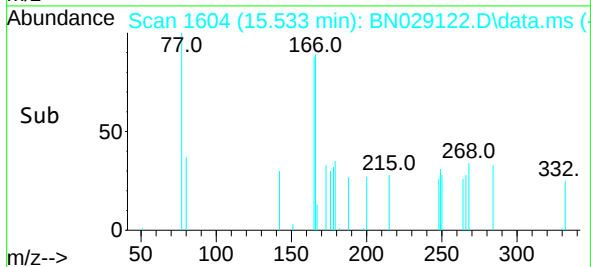
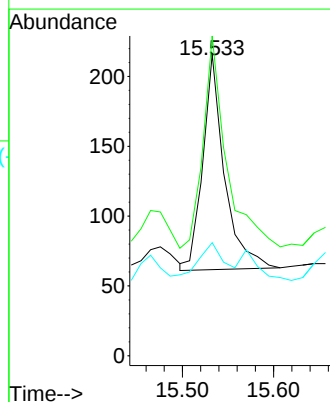
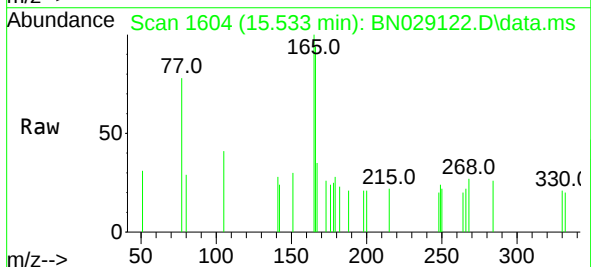
RT: 15.533 min Scan# 1604

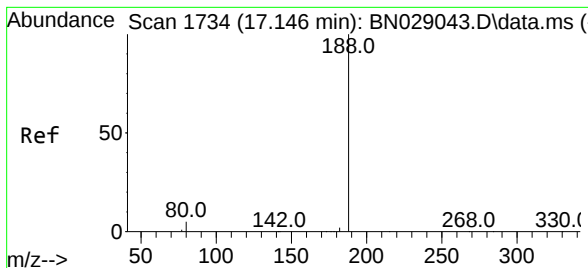
Delta R.T. 0.078 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

Tgt Ion:166	Resp:	251
Ion	Ratio	Lower Upper
166	100	
165	108.4	80.2 120.4
167	16.3	11.0 16.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.233 min Scan# 1

Delta R.T. 0.087 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

Instrument :

BNA_N

ClientSampleId :

O-1(20)(15-20)

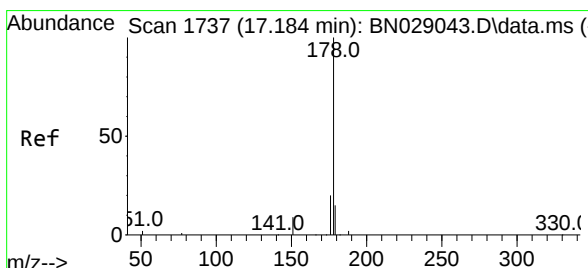
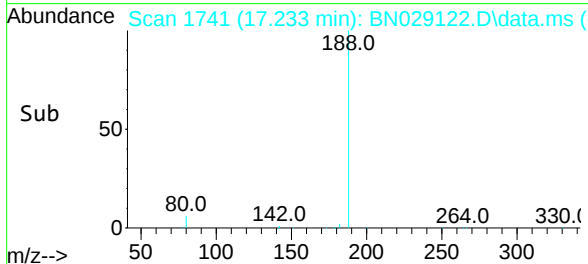
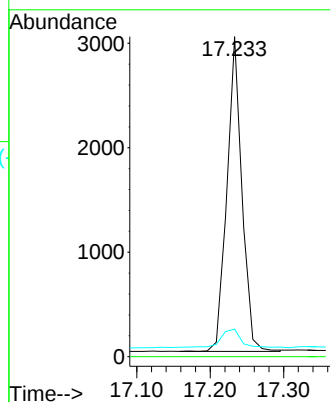
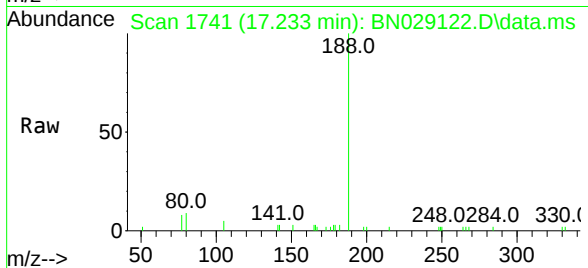
Tgt Ion:188 Resp: 4277

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.6 5.4 8.0#



#25

Phenanthrene

Concen: 0.157 ng

RT: 17.270 min Scan# 1744

Delta R.T. 0.087 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

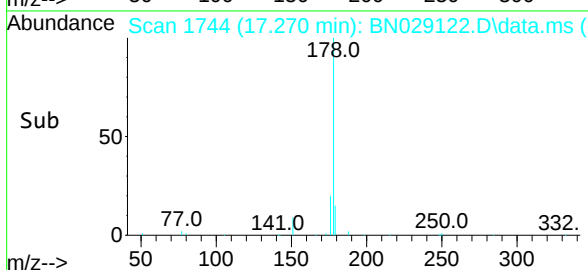
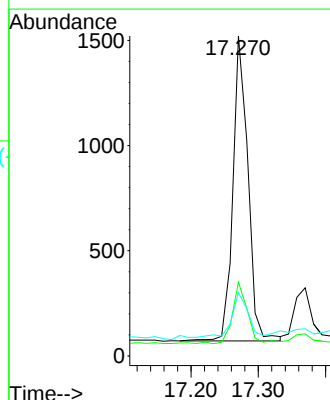
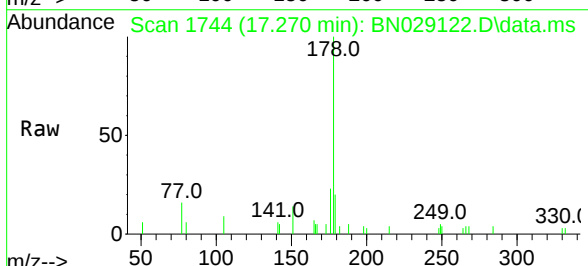
Tgt Ion:178 Resp: 2248

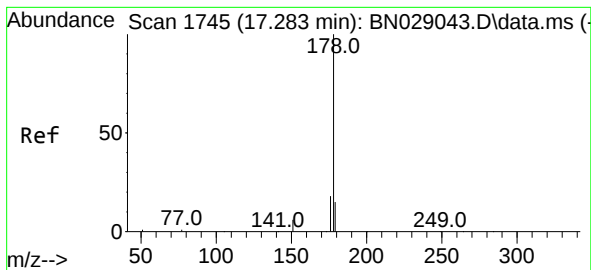
Ion Ratio Lower Upper

178 100

176 20.2 15.6 23.4

179 20.0 12.6 18.8#

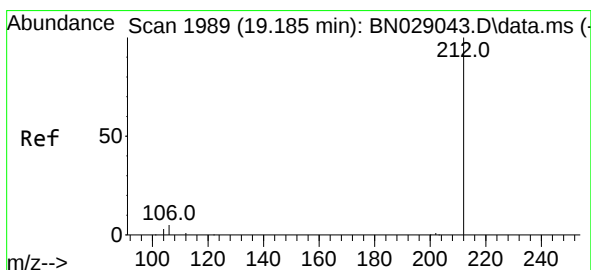
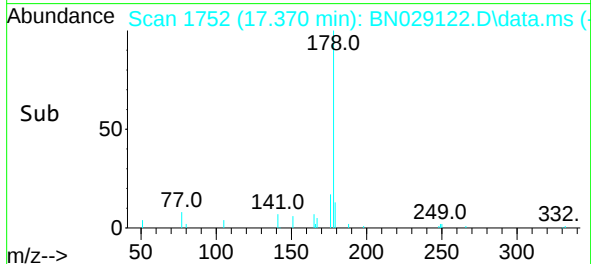
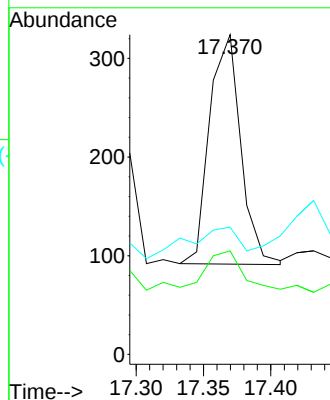
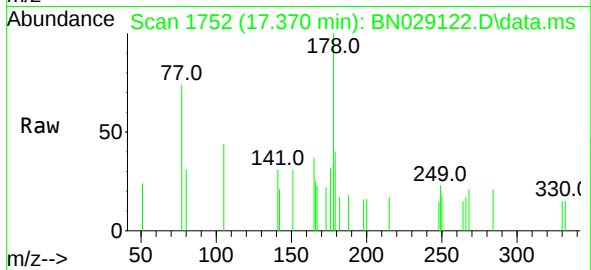




#26
 Anthracene
 Concen: 0.027 ng
 RT: 17.370 min Scan# 11
 Delta R.T. 0.087 min
 Lab File: BN029122.D
 Acq: 08 Dec 2023 11:07

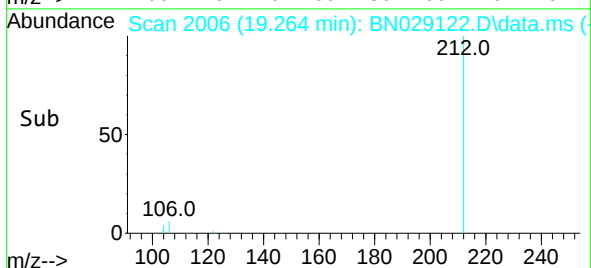
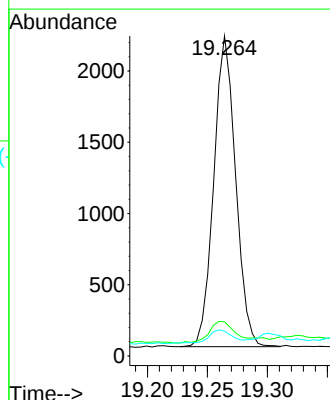
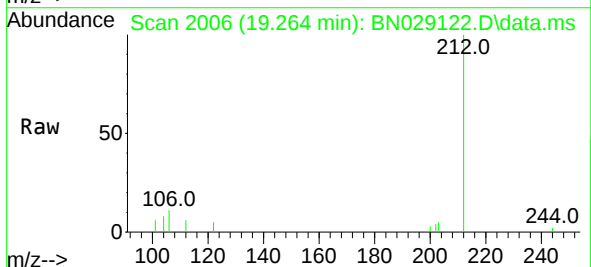
Instrument :
 BNA_N
 ClientSampleId :
 O-1(20)(15-20)

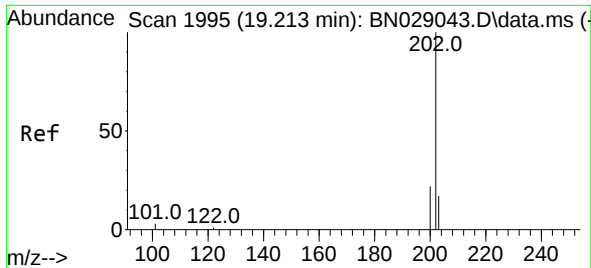
Tgt Ion:178 Resp: 375
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.0 22.4
 179 22.7 12.6 19.0#



#27
 Fluoranthene-d10
 Concen: 0.206 ng
 RT: 19.264 min Scan# 2006
 Delta R.T. 0.079 min
 Lab File: BN029122.D
 Acq: 08 Dec 2023 11:07

Tgt Ion:212 Resp: 2764
 Ion Ratio Lower Upper
 212 100
 106 9.4 3.9 5.9#
 104 4.8 2.6 3.8#

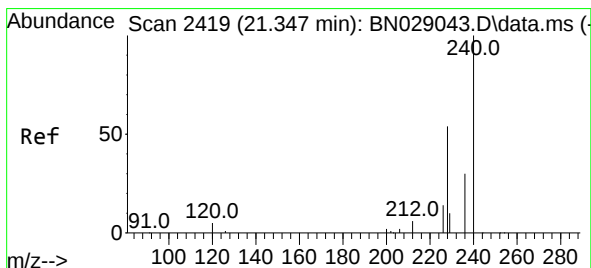
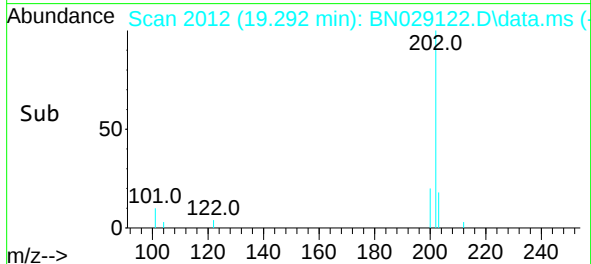
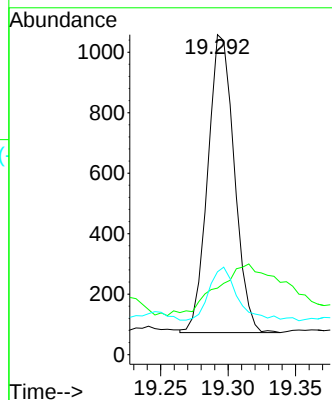
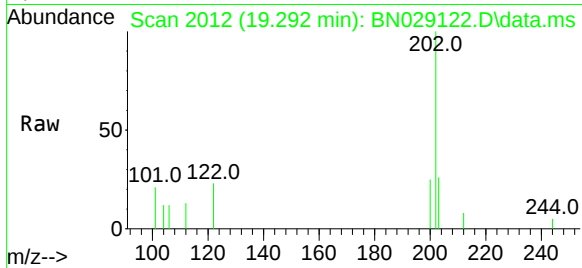




#28
Fluoranthene
Concen: 0.069 ng
RT: 19.292 min Scan# 2012
Delta R.T. 0.079 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

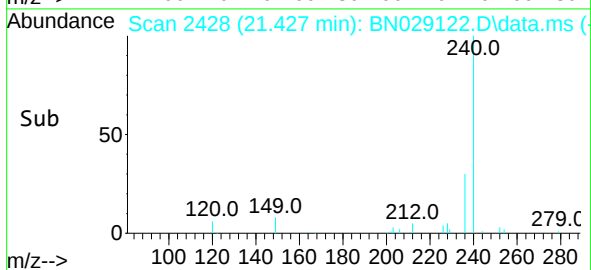
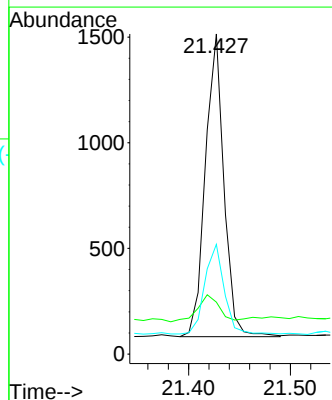
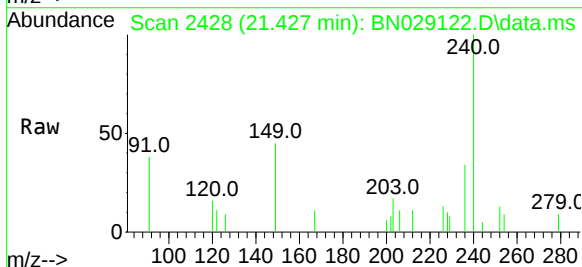
Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

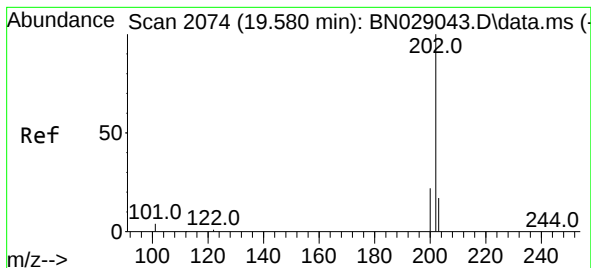
Tgt Ion:202 Resp: 1346
Ion Ratio Lower Upper
202 100
101 0.0 3.0 4.6#
203 19.5 13.8 20.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.427 min Scan# 2428
Delta R.T. 0.081 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion:240 Resp: 1818
Ion Ratio Lower Upper
240 100
120 16.2 6.7 10.1#
236 34.3 25.7 38.5





#30

Pyrene

Concen: 0.173 ng

RT: 19.659 min Scan# 2074

Delta R.T. 0.079 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

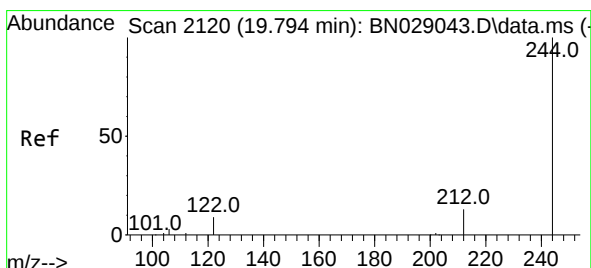
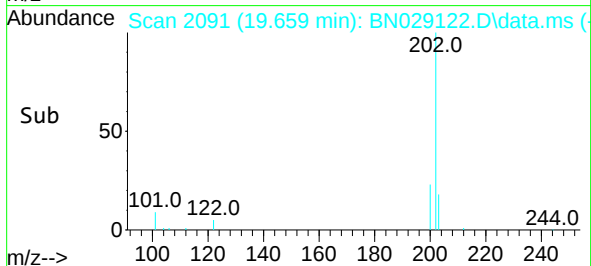
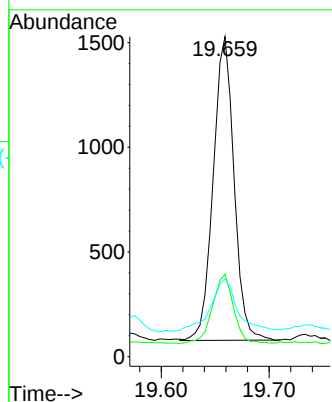
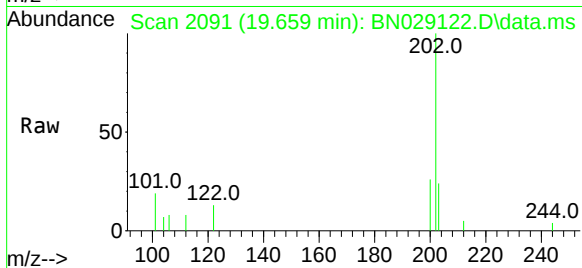
Instrument :

BNA_N

ClientSampleId :

O-1(20)(15-20)

Tgt Ion:202	Resp:	1945
Ion Ratio	Lower	Upper
202	100	
200	23.0	17.0 25.6
203	23.1	14.2 21.4#



#31

Terphenyl-d14

Concen: 0.362 ng

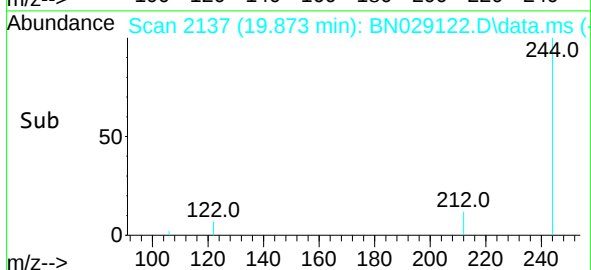
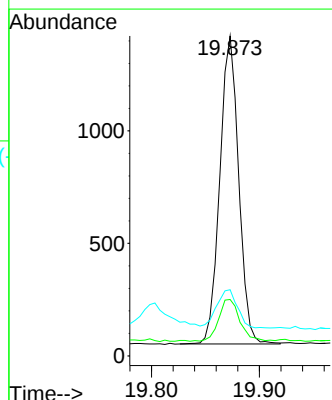
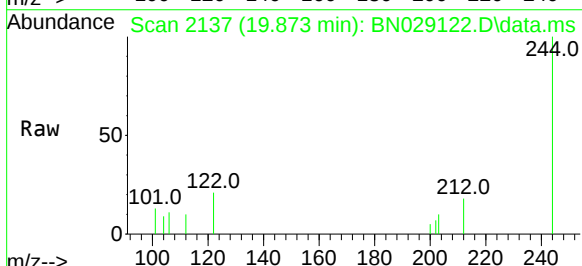
RT: 19.873 min Scan# 2137

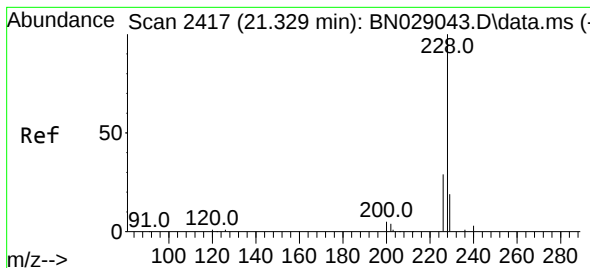
Delta R.T. 0.079 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

Tgt Ion:244	Resp:	1666
Ion Ratio	Lower	Upper
244	100	
212	17.7	11.6 17.4#
122	20.7	8.2 12.4#





#32

Benzo(a)anthracene

Concen: 0.053 ng

RT: 21.409 min Scan# 2417

Delta R.T. 0.081 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

Instrument :

BNA_N

ClientSampleId :

O-1(20)(15-20)

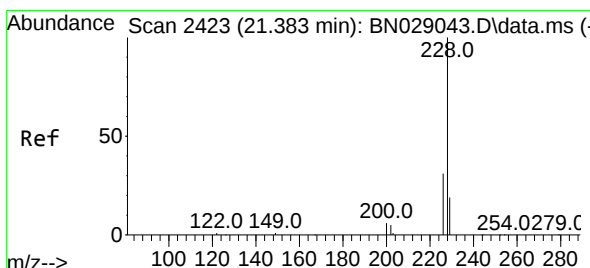
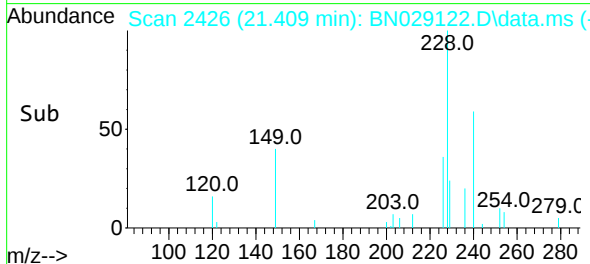
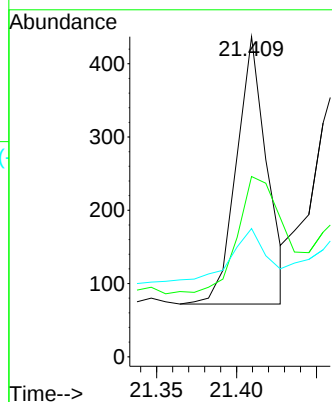
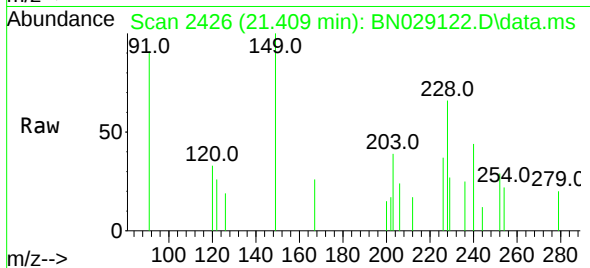
Tgt Ion:228 Resp: 485

Ion Ratio Lower Upper

228 100

226 56.3 23.8 35.6#

229 40.0 16.0 24.0#



#33

Chrysene

Concen: 0.051 ng

RT: 21.463 min Scan# 2432

Delta R.T. 0.081 min

Lab File: BN029122.D

Acq: 08 Dec 2023 11:07

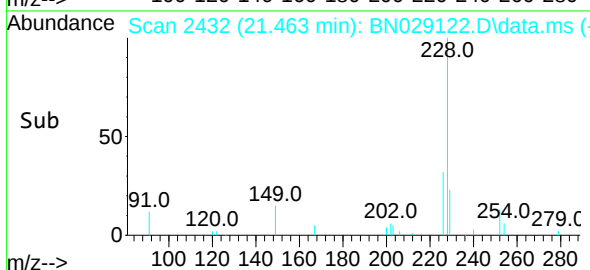
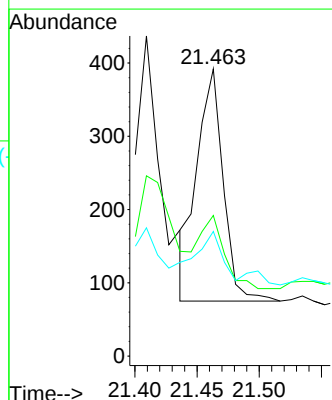
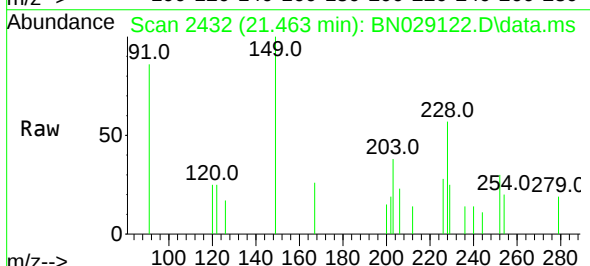
Tgt Ion:228 Resp: 467

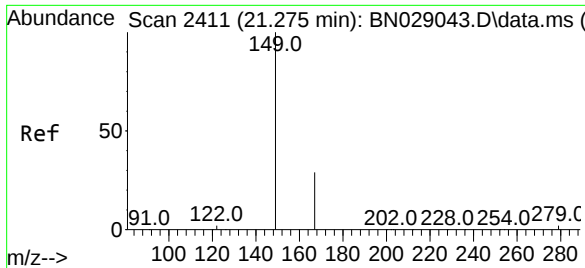
Ion Ratio Lower Upper

228 100

226 49.0 25.4 38.0#

229 43.4 16.0 24.0#

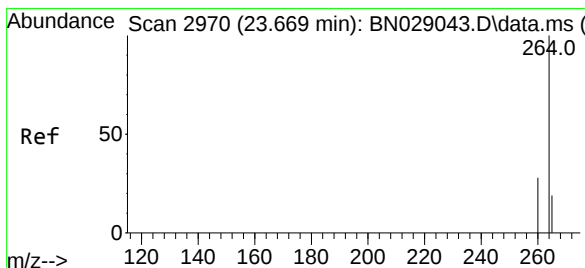
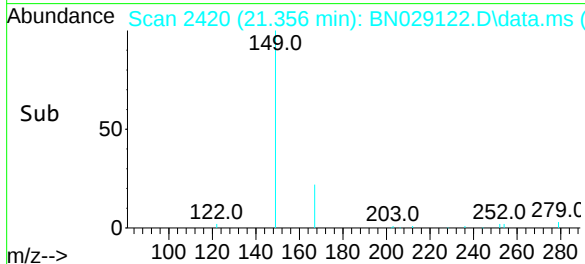
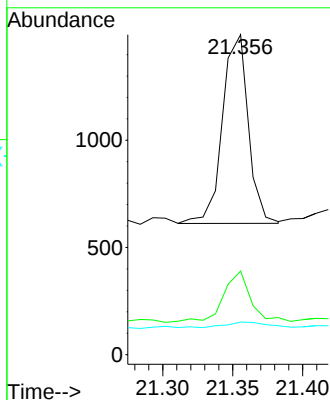
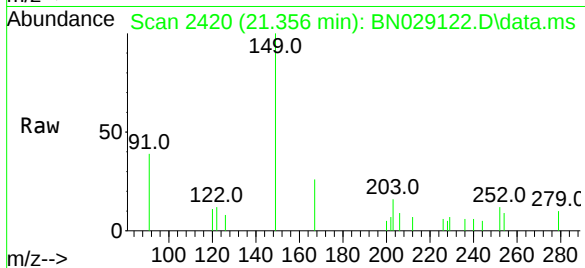




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.199 ng
RT: 21.356 min Scan# 2411
Delta R.T. 0.081 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Instrument :
BNA_N
ClientSampleId :
O-1(20)(15-20)

Tgt Ion:149 Resp: 1133
Ion Ratio Lower Upper
149 100
167 28.7 23.4 35.2
279 4.8 3.4 5.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.801 min Scan# 3015
Delta R.T. 0.131 min
Lab File: BN029122.D
Acq: 08 Dec 2023 11:07

Tgt Ion:264 Resp: 1852
Ion Ratio Lower Upper
264 100
260 34.3 23.9 35.9
265 101.8 52.7 79.1#

