

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120323\
 Data File : BN029028.D
 Acq On : 03 Dec 2023 20:29
 Operator : MA/JU
 Sample : PB157241BL
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB157241BL

Quant Time: Dec 04 02:22:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 00:28:48 2023
 Response via : Initial Calibration

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

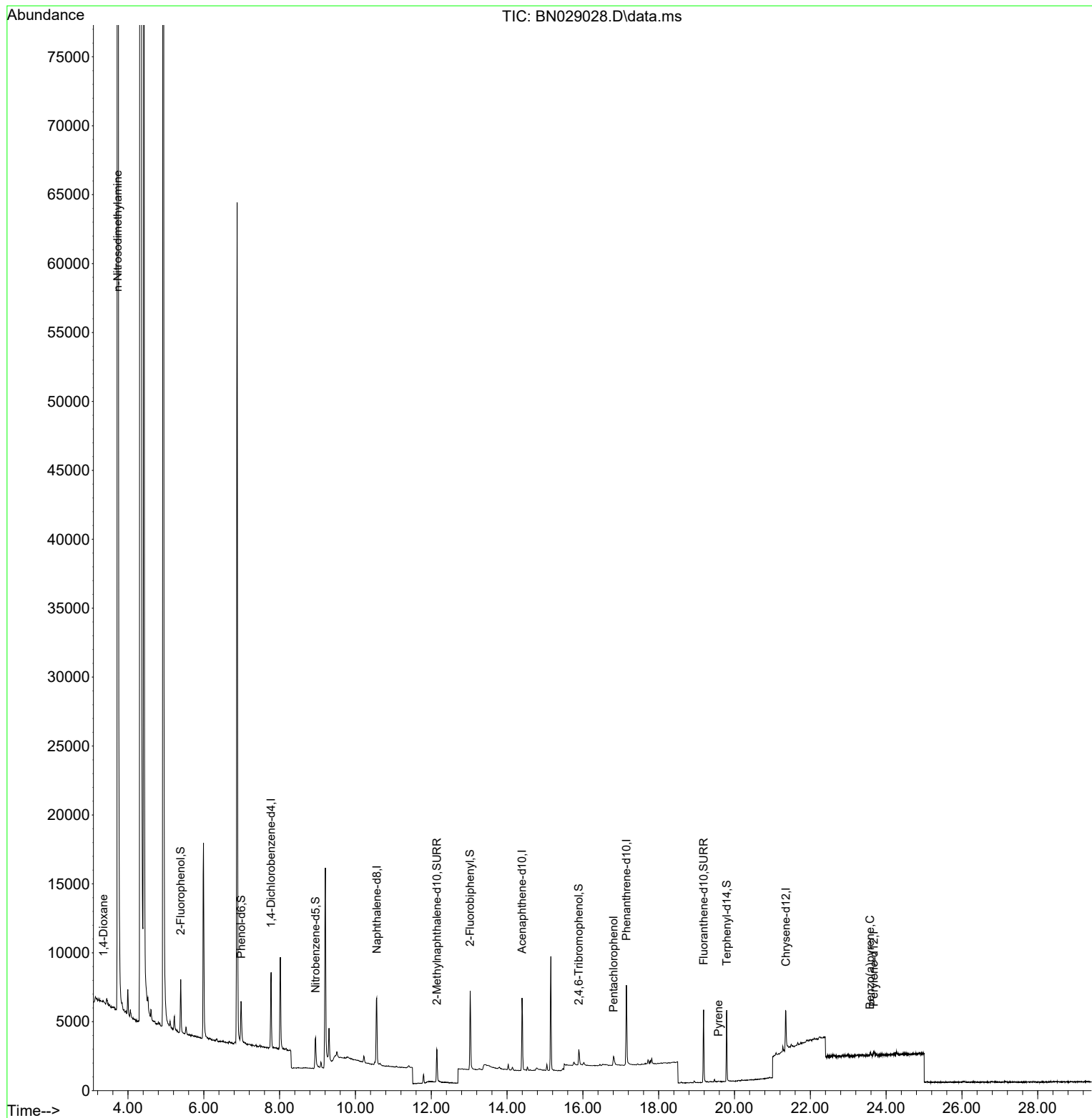
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	2462	0.400	ng	0.00
7) Naphthalene-d8	10.562	136	6951	0.400	ng	# 0.00
13) Acenaphthene-d10	14.396	164	2974	0.400	ng	-0.01
19) Phenanthrene-d10	17.147	188	8126	0.400	ng	-0.01
29) Chrysene-d12	21.356	240	3686	0.400	ng	# 0.00
35) Perylene-d12	23.678	264	326	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	2442	0.327	ng	0.00
5) Phenol-d6	6.988	99	2533	0.306	ng	0.00
8) Nitrobenzene-d5	8.950	82	2055	0.297	ng	0.00
11) 2-Methylnaphthalene-d10	12.148	152	3480	0.312	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	711	0.354	ng	-0.01
15) 2-Fluorobiphenyl	13.028	172	4968	0.387	ng	-0.01
27) Fluoranthene-d10	19.185	212	6339	0.297	ng	0.00
31) Terphenyl-d14	19.794	244	5210	0.461	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	125	0.052	ng	# 69
3) n-Nitrosodimethylamine	3.731	42	38012	10.134	ng	# 17
24) Pentachlorophenol	16.811	266	142	0.044	ng	# 20
30) Pyrene	19.580	202	48	0.096	ng	# 86
34) Bis(2-ethylhexyl)phtha...	21.275	149	677	Below Cal		# 97
39) Benzo(a)pyrene	23.573	252	31	0.026	ng	# 60

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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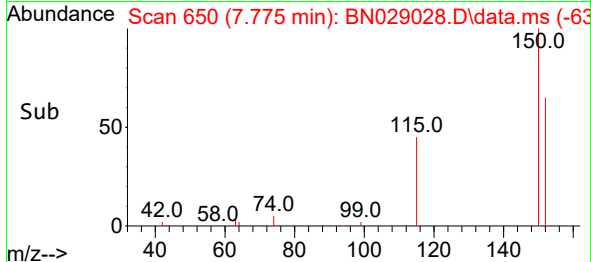
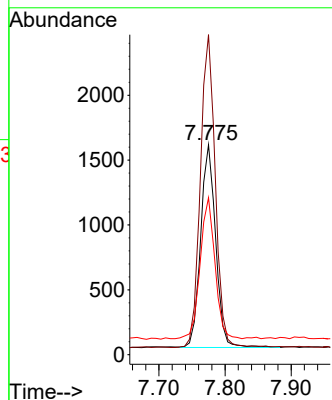
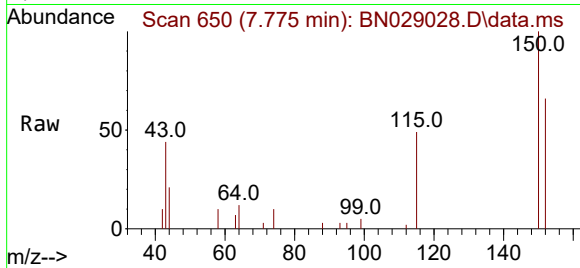




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.775 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN029028.D
 Acq: 03 Dec 2023 20:29

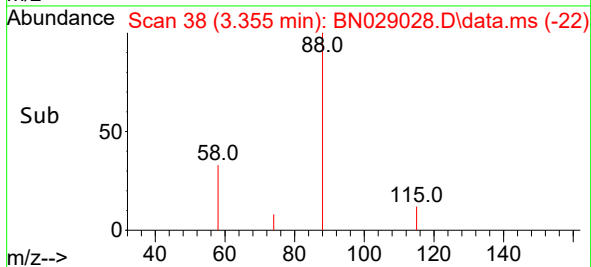
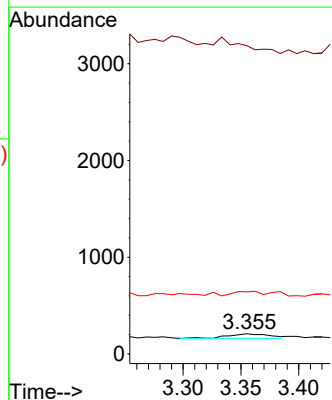
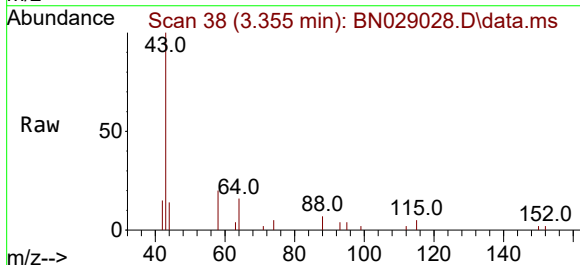
Instrument :
 BNA_N
 ClientSampleId :
 PB157241BL

Tgt Ion:152 Resp: 2462
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.4 185.2
 115 74.8 59.1 88.7



#2
 1,4-Dioxane
 Concen: 0.052 ng
 RT: 3.355 min Scan# 38
 Delta R.T. 0.014 min
 Lab File: BN029028.D
 Acq: 03 Dec 2023 20:29

Tgt Ion: 88 Resp: 125
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.9 44.9#
 58 57.6 55.0 82.4

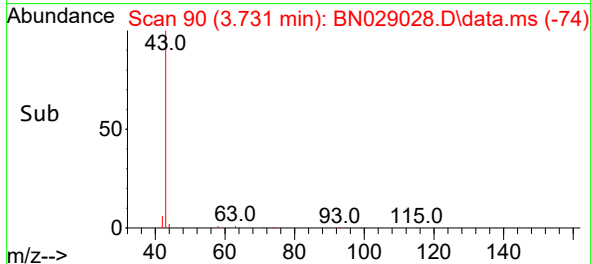
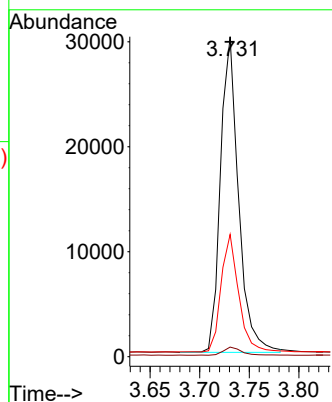
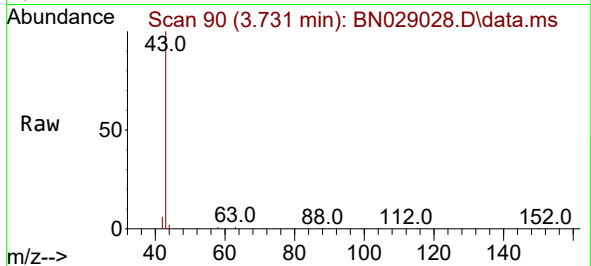




#3
n-Nitrosodimethylamine
Concen: 10.134 ng
RT: 3.731 min Scan# 90
Delta R.T. 0.014 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

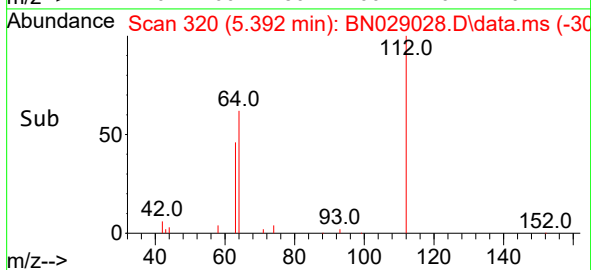
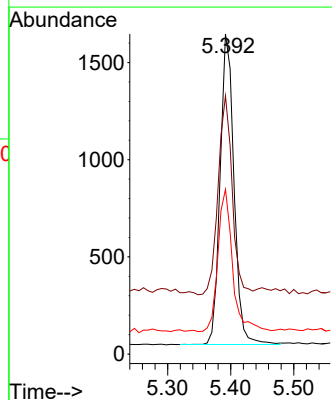
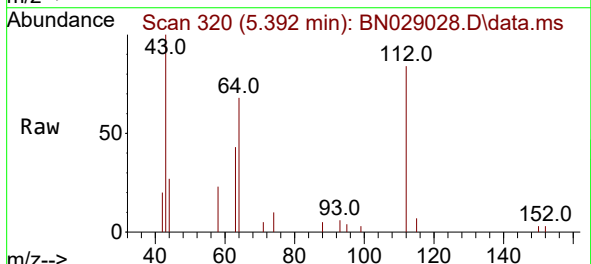
Instrument :
BNA_N
ClientSampleId :
PB157241BL

Tgt Ion: 42 Resp: 38012
Ion Ratio Lower Upper
42 100
74 2.6 57.0 85.6#
44 36.2 0.0 0.0#



#4
2-Fluorophenol
Concen: 0.327 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion: 112 Resp: 2442
Ion Ratio Lower Upper
112 100
64 65.0 51.5 77.3
63 48.2 30.4 45.6#

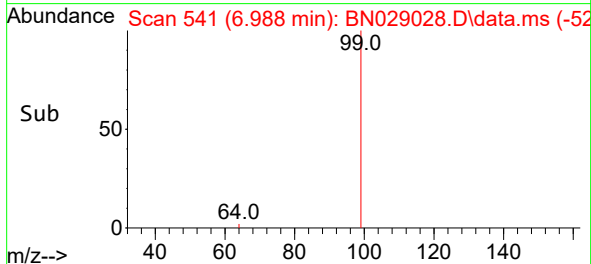
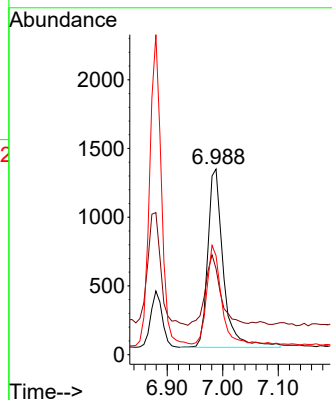
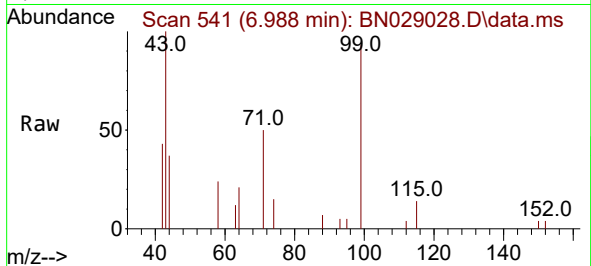




#5
Phenol-d6
Concen: 0.306 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

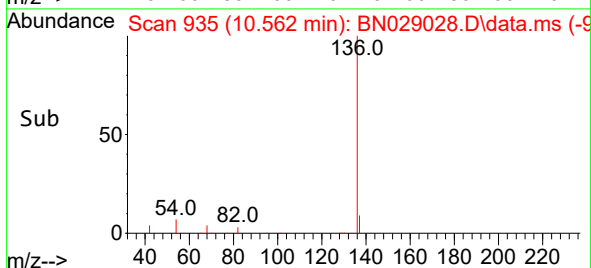
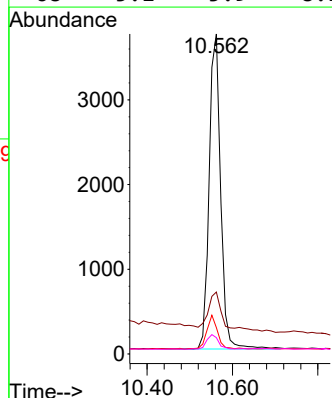
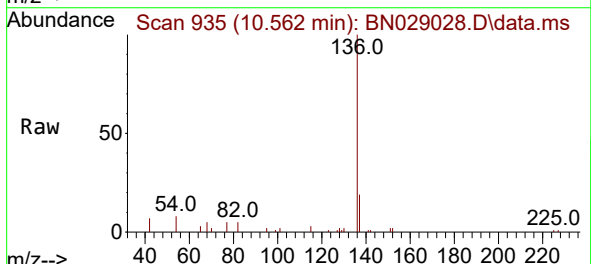
Instrument :
BNA_N
ClientSampleId :
PB157241BL

Tgt Ion: 99 Resp: 2533
Ion Ratio Lower Upper
99 100
42 38.4 21.2 31.8#
71 50.5 35.4 53.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.000 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion: 136 Resp: 6951
Ion Ratio Lower Upper
136 100
137 19.4 10.6 16.0#
54 8.3 7.5 11.3
68 5.1 5.9 8.9#

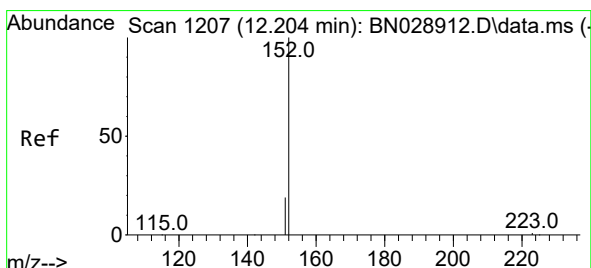
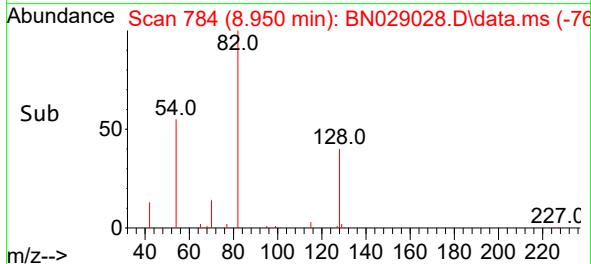
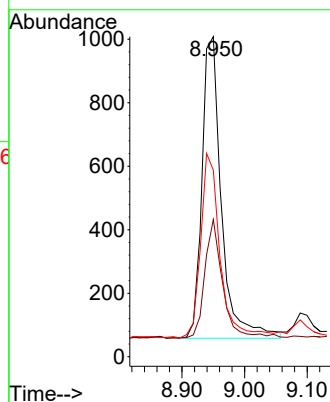
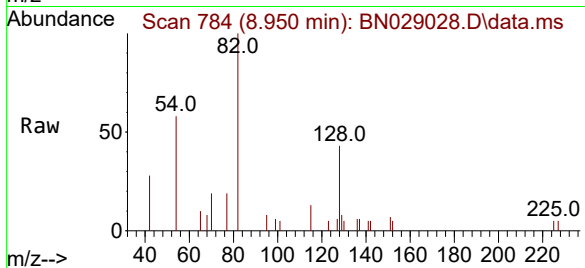




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.950 min Scan# 71
Delta R.T. -0.000 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

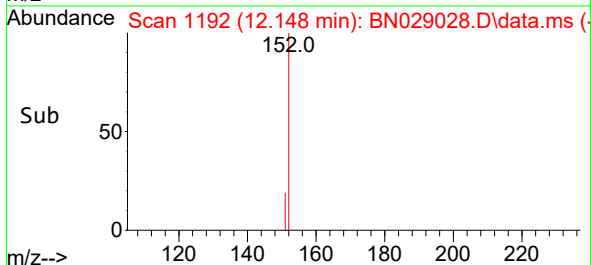
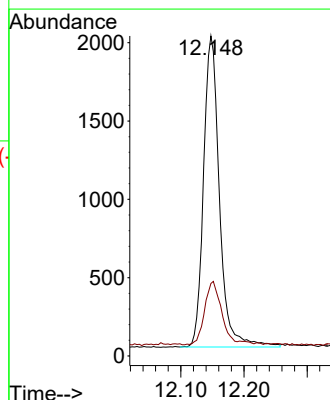
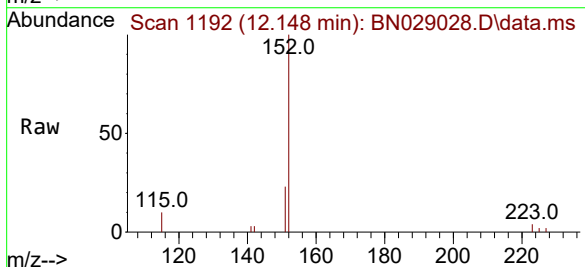
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ClientSampleId :
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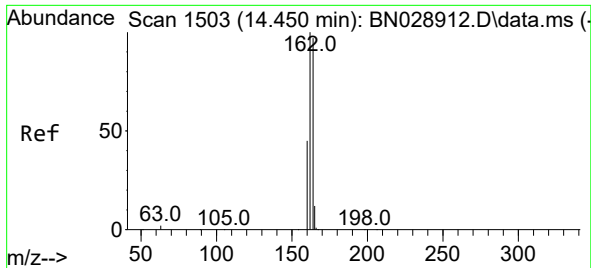
Tgt Ion: 82 Resp: 2055
Ion Ratio Lower Upper
82 100
128 42.9 29.2 43.8
54 58.3 47.0 70.6



#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.148 min Scan# 1192
Delta R.T. -0.004 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion: 152 Resp: 3480
Ion Ratio Lower Upper
152 100
151 21.3 16.7 25.1

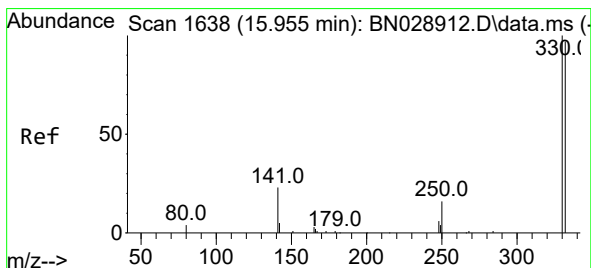
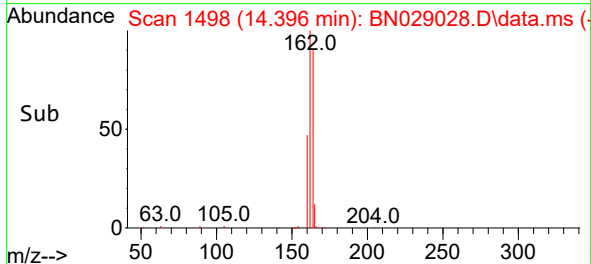
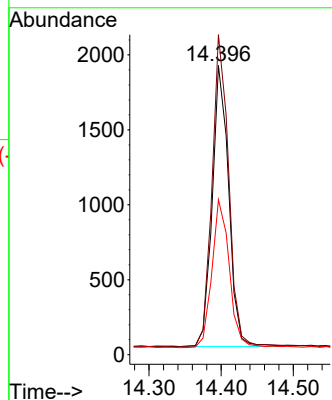
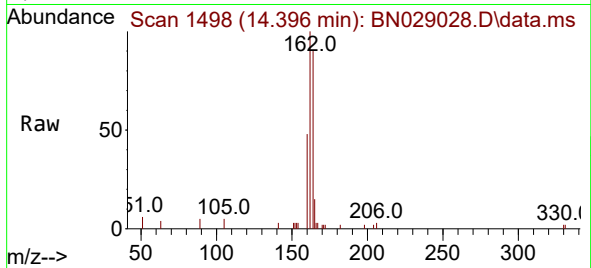




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

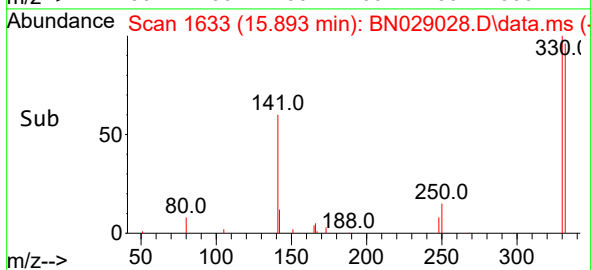
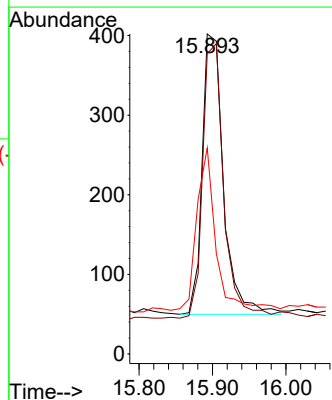
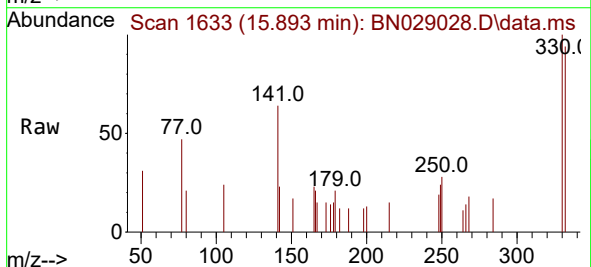
Instrument :
BNA_N
ClientSampleId :
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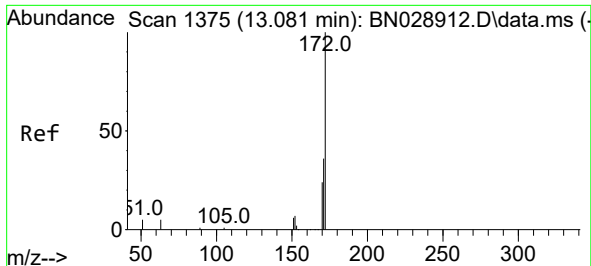
Tgt Ion:164 Resp: 2974
Ion Ratio Lower Upper
164 100
162 110.7 81.7 122.5
160 53.6 37.0 55.6



#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.893 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion:330 Resp: 711
Ion Ratio Lower Upper
330 100
332 96.9 75.4 113.2
141 51.2 35.7 53.5

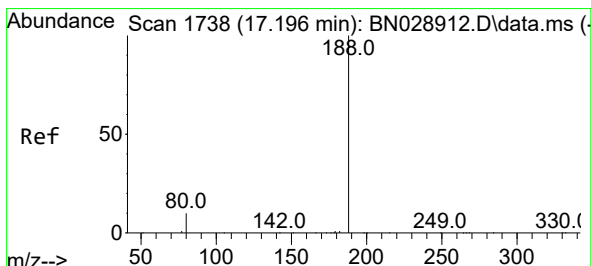
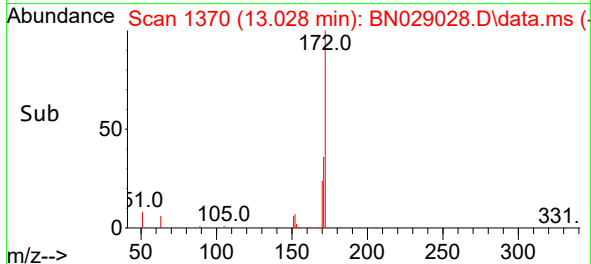
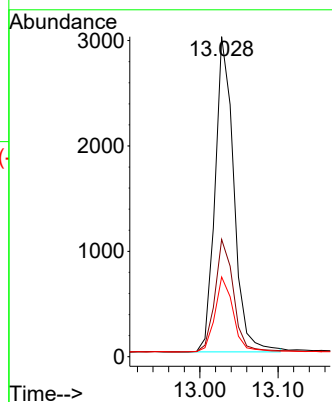
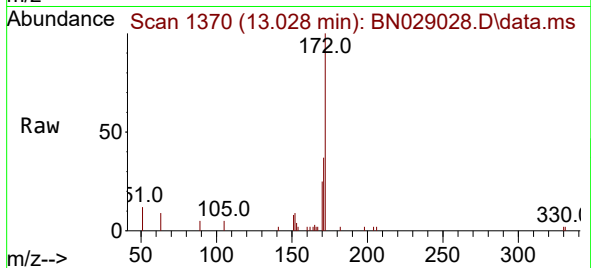




#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 13.028 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

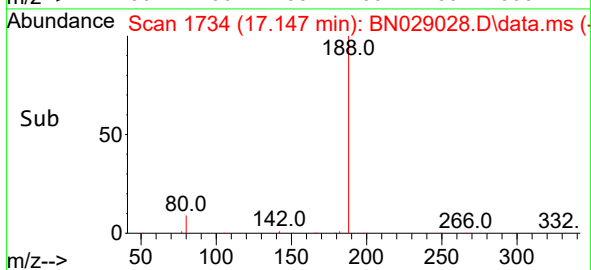
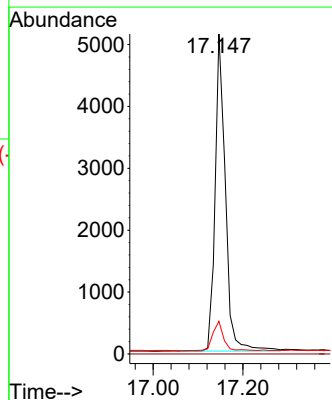
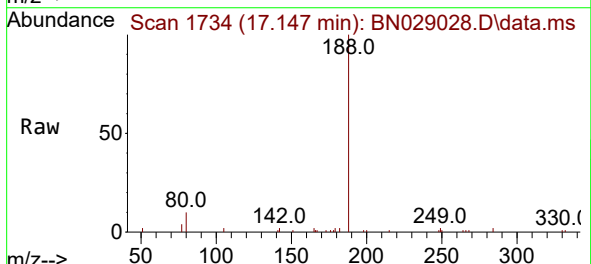
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ClientSampleId :
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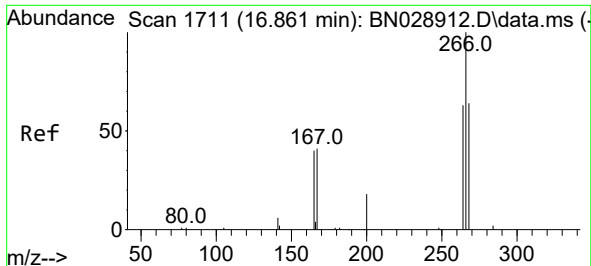
Tgt Ion:172 Resp: 4968
Ion Ratio Lower Upper
172 100
171 36.6 29.0 43.4
170 24.9 19.7 29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion:188 Resp: 8126
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.2 9.0 13.6

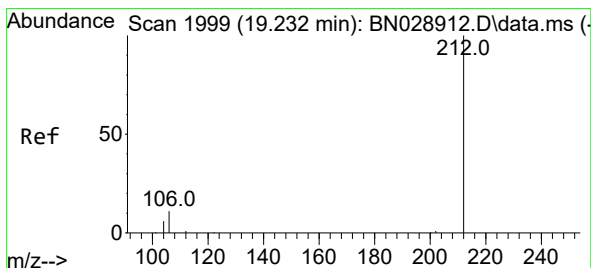
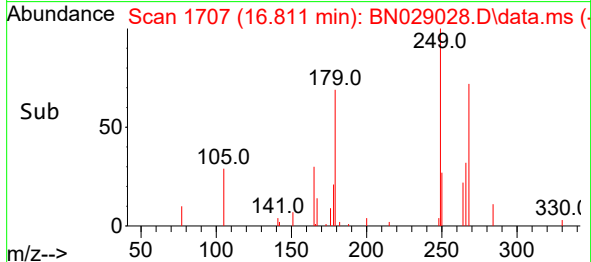
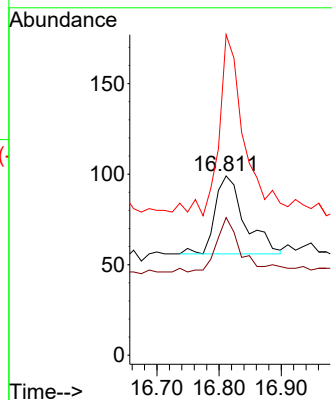
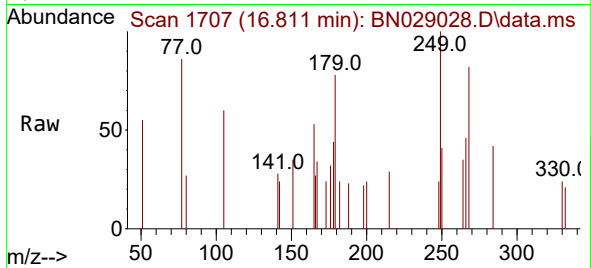




#24
Pentachlorophenol
Concen: 0.044 ng
RT: 16.811 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

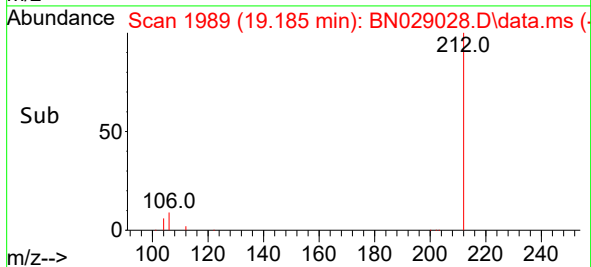
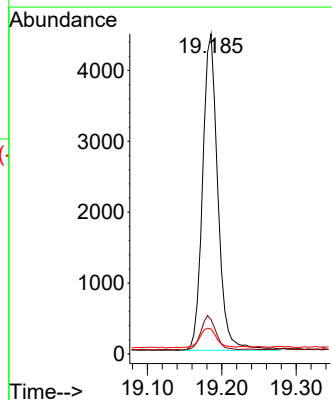
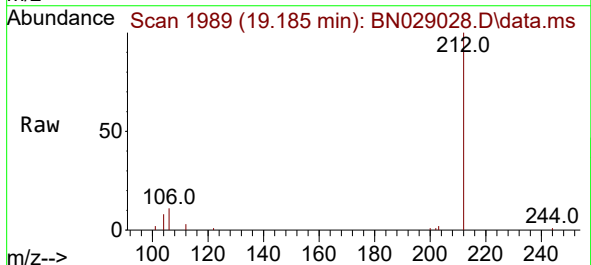
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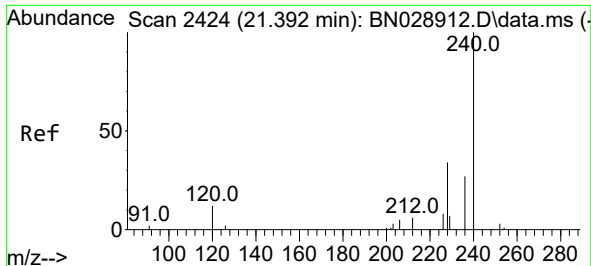
Tgt Ion:266 Resp: 142
Ion Ratio Lower Upper
266 100
264 54.2 50.7 76.1
268 185.2 54.9 82.3#



#27
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.185 min Scan# 1989
Delta R.T. -0.005 min
Lab File: BN029028.D
Acq: 03 Dec 2023 20:29

Tgt Ion:212 Resp: 6339
Ion Ratio Lower Upper
212 100
106 10.7 9.4 14.2
104 7.2 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. 0.009 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

Instrument :

BNA_N

ClientSampleId :

PB157241BL

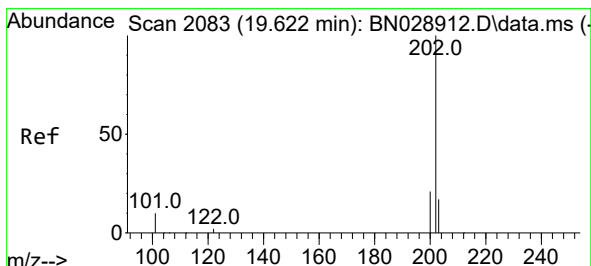
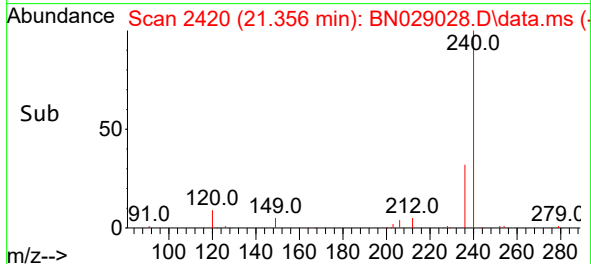
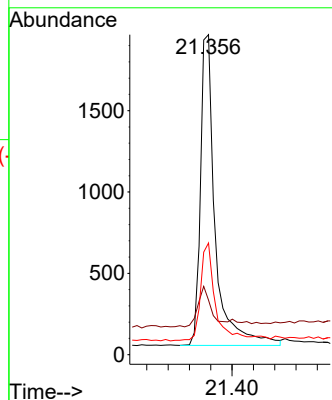
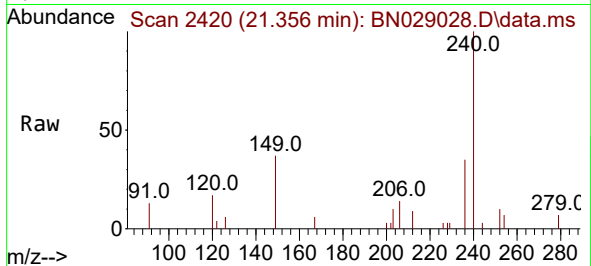
Tgt Ion:240 Resp: 3686

Ion Ratio Lower Upper

240 100

120 17.0 37.1 55.7#

236 34.9 32.4 48.6



#30

Pyrene

Concen: 0.096 ng

RT: 19.580 min Scan# 2074

Delta R.T. -0.000 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

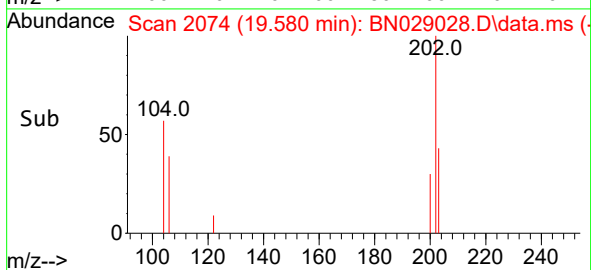
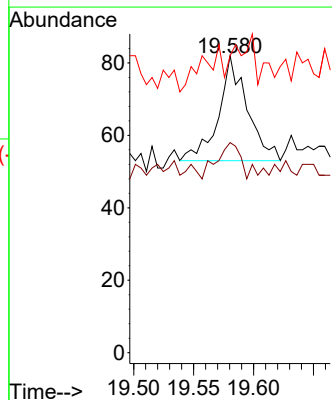
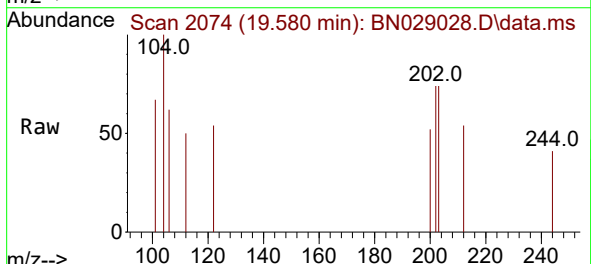
Tgt Ion:202 Resp: 48

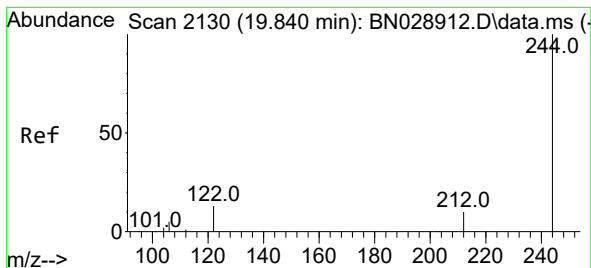
Ion Ratio Lower Upper

202 100

200 27.1 16.9 25.3#

203 25.0 14.8 22.2#





#31

Terphenyl-d14

Concen: 0.461 ng

RT: 19.794 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

Instrument :

BNA_N

ClientSampleId :

PB157241BL

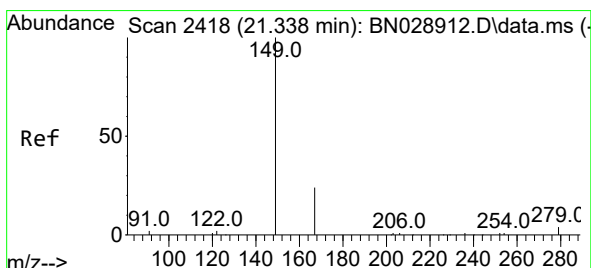
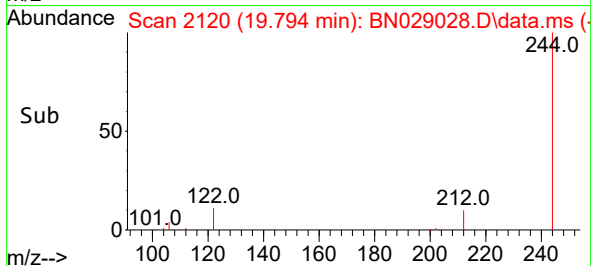
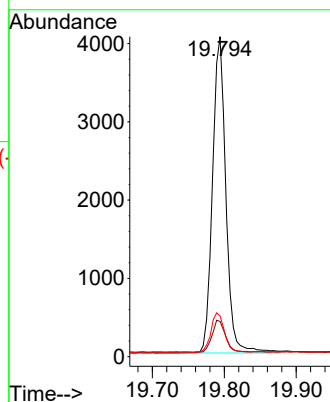
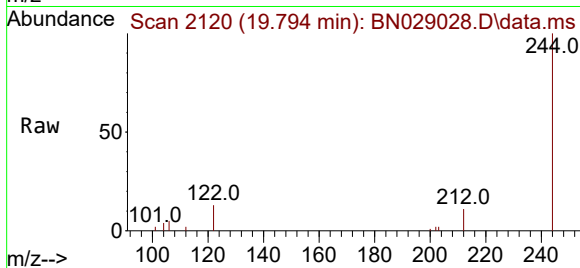
Tgt Ion:244 Resp: 5210

Ion Ratio Lower Upper

244 100

212 11.0 11.5 17.3#

122 12.8 13.2 19.8#



#34

Bis(2-ethylhexyl)phthalate

Concen: Below Cal

RT: 21.275 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

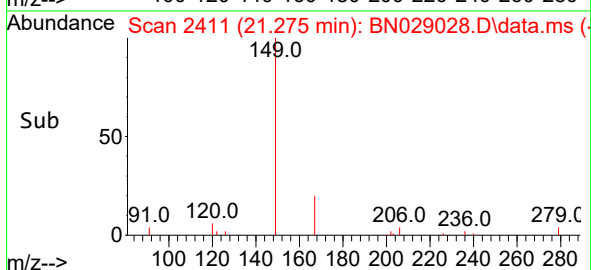
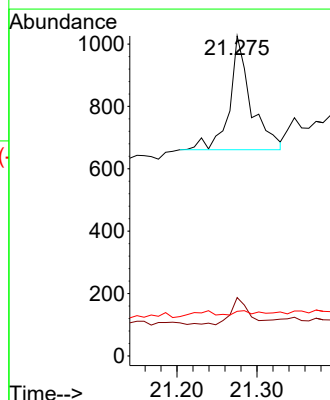
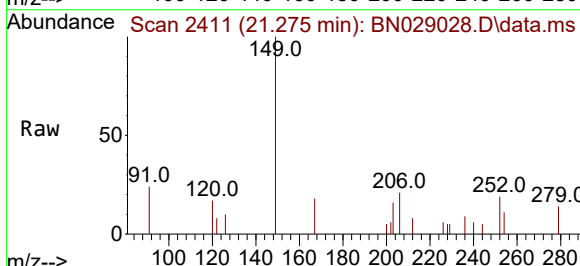
Tgt Ion:149 Resp: 677

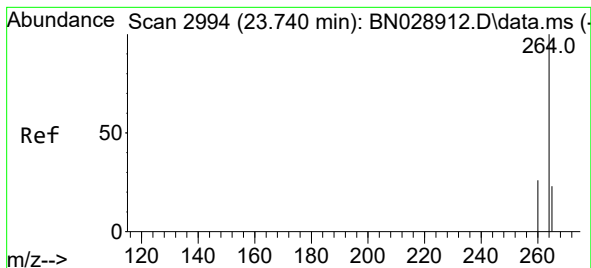
Ion Ratio Lower Upper

149 100

167 18.5 14.9 22.3

279 4.1 6.3 9.5#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.678 min Scan# 2994

Delta R.T. 0.009 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

Instrument :

BNA_N

ClientSampleId :

PB157241BL

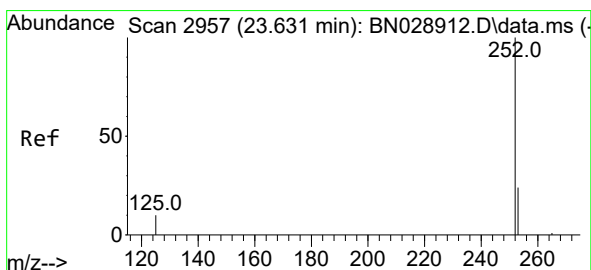
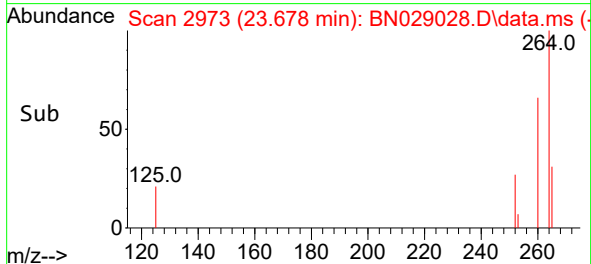
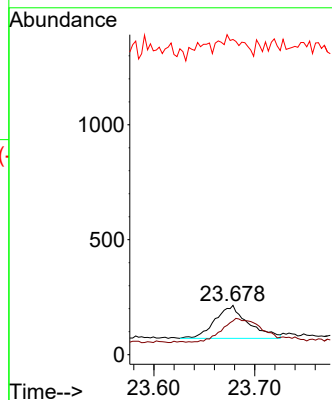
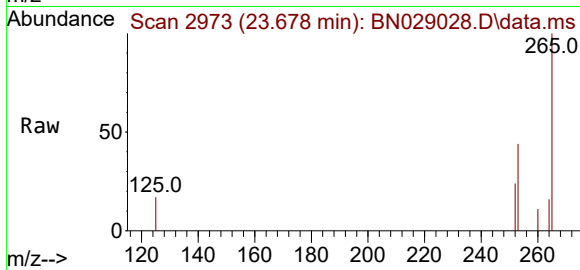
Tgt Ion:264 Resp: 326

Ion Ratio Lower Upper

264 100

260 68.7 20.6 30.8#

265 640.7 464.5 696.7



#39

Benzo(a)pyrene

Concen: 0.026 ng

RT: 23.573 min Scan# 2937

Delta R.T. 0.009 min

Lab File: BN029028.D

Acq: 03 Dec 2023 20:29

Tgt Ion:252 Resp: 31

Ion Ratio Lower Upper

252 100

253 173.6 110.2 165.4#

125 80.4 27.0 40.4#

